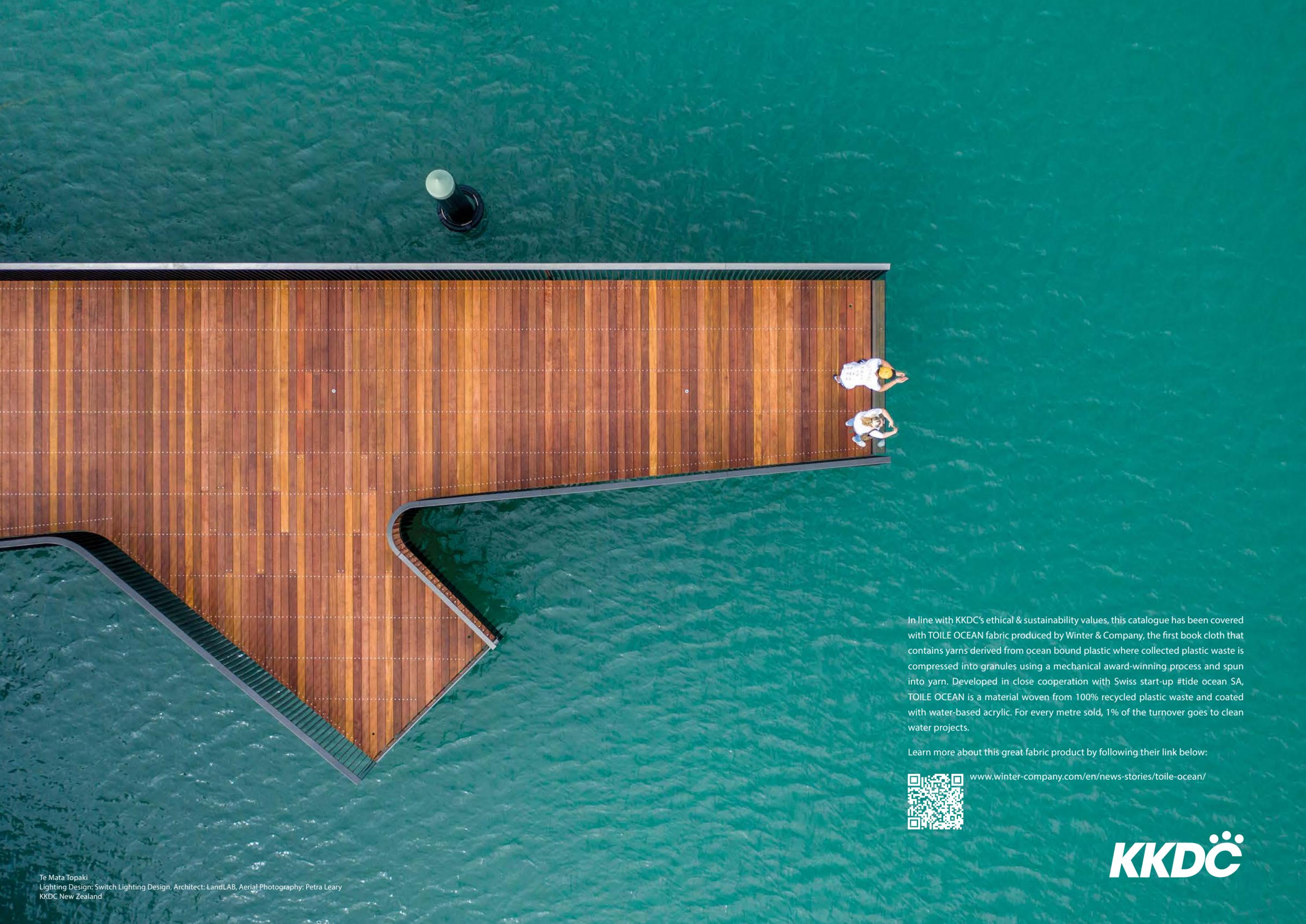


**KKDÖ**  
CATALOGUE V



In line with KKDC's ethical & sustainability values, this catalogue has been covered with TOILE OCEAN fabric produced by Winter & Company, the first book cloth that contains yarns derived from ocean bound plastic where collected plastic waste is compressed into granules using a mechanical award-winning process and spun into yarn. Developed in close cooperation with Swiss start-up #tide ocean SA, TOILE OCEAN is a material woven from 100% recycled plastic waste and coated with water-based acrylic. For every metre sold, 1% of the turnover goes to clean water projects.

Learn more about this great fabric product by following their link below:



[www.winter-company.com/en/news-stories/toile-ocean/](http://www.winter-company.com/en/news-stories/toile-ocean/)

환영합니다

CATALOGUE V



**KKDÖ**

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# COMPANY



“ Through dedication and hard work we strive to push the boundaries of LED technology and lead innovation within the lighting sector. Our international network of technical sales branches and personnel enables global collaboration to promote the KKDC brand and benefit from direct market feedback ensuring our core products meet the high demands of our clients. ”

Jack Choo, Founder & CEO of KKDC

KKDC is an established LED lighting manufacturer specializing in professional, integrated **linear lighting solutions** suitable for use within a wide range of projects and applications. Targeting the high-end specification market with both interior and exterior options and various LED grades, KKDC has built up a strong reputation within the lighting sector as being able to offer an extensive and precise range of consistent white CCT LED products and custom variations to meet the demands of any project.

The acronym 'KKDC' comes from the original founding company called 'Konkuk Data Communication Co Ltd' which began as a small company already having established in-house expertise across three core sectors of technology: LED, Hardware & Software engineering. This formed a strong early foundation onto which KKDC could develop, grow and lead LED technology within the lighting design industry. Established over many years, the valuable connections and relationships with industry leading lighting designers and architects internationally has ensured KKDC remains at the forefront of LED innovation.

## STORY

In 2005 founder Jack Choo moved to Sydney, Australia with his family to establish the company KKDC Pty Ltd., and from this time KKDC was able to utilize all areas of the inherent technical engineering skill and apply to the architectural lighting industry, building up the KKDC brand and product range with cutting edge technology and minimalist design. KKDC was able to offer professional LED lighting solutions to meet the growing demands of lighting designers worldwide and after dramatic international growth KKDC Design House Ltd was established 2014 in the UK to expand and manage design & marketing services and support the growing needs of KKDC technical sales branches globally.

With extensive in-house electronic engineering expertise from our Korean R&D team working partnership with UK based KKDC Design House and technical sales branches around the world, KKDC remains uniquely positioned and committed to meeting the demands of high-end architectural lighting projects worldwide.

- 2003 COMPANY SETUP**  
Jack Choo and Konkuk Choo setup 'Konkuk Data Communication Co. Ltd' in Seoul, South Korea.
- 2005 KKDC PTY LTD**  
Jack Choo founded KKDC Pty Ltd., in Sydney Australia specialising in architectural linear LED lighting.
- FIRST PRODUCT LAUNCHED**  
'TIMI' designed, a tiny minimalist LED profile at just 9.5 x 6.8mm. Suitable for interior applications such as joinery and coves.
- 2006**  
The first exterior product profiles are launched. Beautifully constructed, 'MIMI' at just 13 x 15mm and fully homogenous 'MOMO' at 25 x 26.5mm. The focus on high quality materials and LED packages was now set in stone.
- 2008 NEW FACTORY IN PAJU**  
With increased demand for LED products a dedicated factory/R&D facility is built in Paju, South Korea.
- 2009 LONDON OFFICE SETUP**  
KKDC London is officially opened to target the growing lighting design industry with global specification reach. Ideas for new products begin to flourish with range expansion.
- 2012 FIRST APPEARANCE AT FRANKFURT LIGHT + BUILDING**  
KKDC design and build a bespoke stand for Light + Building 2012, to showcase the company on the global stage with first Catalogue and range of new interior product series including GROOVE Light, LINI & TANA.
- 2013 SHANGHAI OFFICE OPENS**  
KKDC Shanghai is opened to meet the growing appeal of KKDC globally and target the market in Asia.
- 2014 KKDC DESIGN HOUSE**  
office is established in the UK to manage global design and marketing demands.
- 2015 KKDC OFFICES OPEN: TOKYO, BANGKOK, MELBOURNE & NEW YORK**  
Global expansion continues with offices setup in Tokyo, Bangkok, Melbourne and New York with a focus on breaking into the US market.
- 2017 R&D CENTRE OPENS IN SEOUL**  
Clients and KKDC teams are invited to the grand opening of the purpose built KKDC R&D centre and production facility in Seoul.
- 2018 KKDC NEW ZEALAND**  
Opens new office and showroom in Auckland.
- 2019 NEW WEBSITE LAUNCHED**  
Improvements made to add more features and functionality to aid specifiers.
- 2021 UK PRODUCTION**  
KKDC England establishes assembly premises in the Wiltshire countryside to serve the UK/EU client base and diversify custom product range.
- 2021 TAIWAN OFFICE OPENS**  
KKDC Taipei office is established to further expand KKDC reach within Asia.
- 2022**  
KKDC is back at LIGHT + BUILDING show Messe Frankfurt after global pandemic.
- LIGHT BEAN** coffee brand established with first KKDC coffee shop/lighting showroom concept setup in Bangkok.
- 2023 MAISON & OBJET**  
KKDC France office launches to coincide with KKDC's first appearance at Maison & Objet show, Paris.
- KKDC INDONESIA**  
Office opens to expand KKDC presence in South East Asia.

# LIGHT & SEOUL

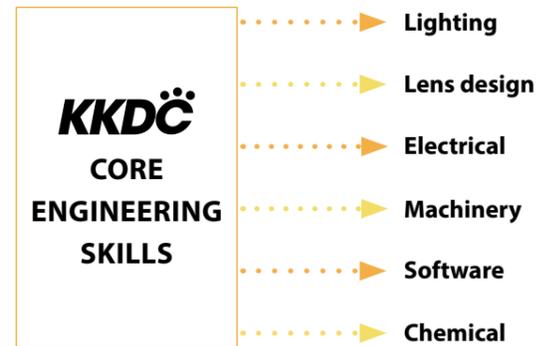
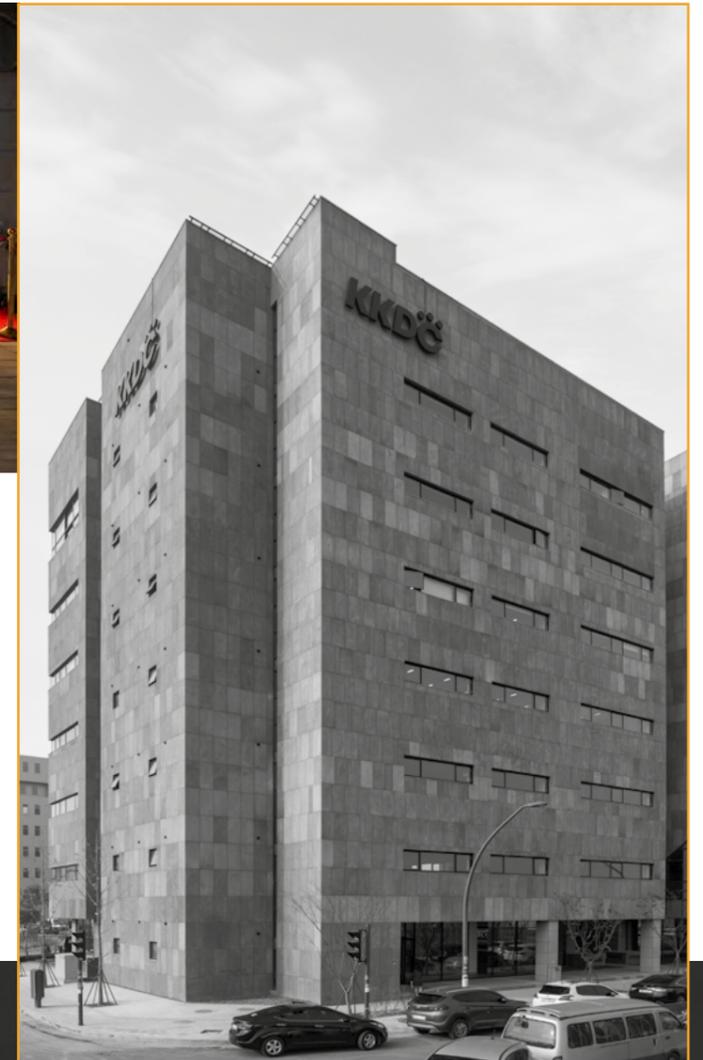


Opened in 2017 the impressive KKDC R&D Centre facility based in Seoul, South Korea continues to invest in the latest manufacturing technologies, processes and testing procedures to exacting standards ensuring KKDC remains at the forefront of LED lighting equipment development.

With access to a pool of Korean engineering talents and our team of in-house expertise specializing in all key engineering skills (electronic, lighting, lens, machinery, chemical, software) alongside the close international partnerships, KKDC remains uniquely positioned and committed to meeting the demands of high-end architectural lighting projects worldwide.



KKDC R&D Centre Seoul official opening, 2017



## WHY CHOOSE KKDC?

### TUNED LIGHT

- KKDC LED grading system
- LED CCT colour
- Custom project requirements

### PREMIUM WHITE

- Narrow LED binning
- High CRI/Full spectrum
- Extensive CCT choice
- Colour consistency

### RELIABILITY

- Automated production processes
- Comprehensive QC and testing
- Global after sales support

### MINIMALIST DESIGN

- Compact form factor
- Slim linear housings

### SUSTAINABILITY

- Circular economy model focused
- Modular, replaceable designs



# CUTTING EDGE TECHNOLOGY

KKDC continues to be at the forefront of LED technology and housing production techniques with continual investment into core production machines and testing equipment.

## KEY PRODUCTION LINES

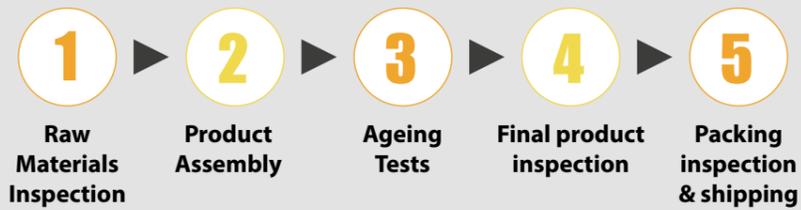
- Silicone linear O-ring machine
- Ultrasonic welding
- Molding
- Vacuum chamber
- Profile cutting
- PCB cutting
- LED/PCB production
- CNC
- Tap
- Silicone injection

## KEY TESTING EQUIPMENT

- Integration Sphere
- Goniometer

# ASSURED QUALITY

## 5 Step QC process



**SMT machine**  
(Surface Mount Technology)



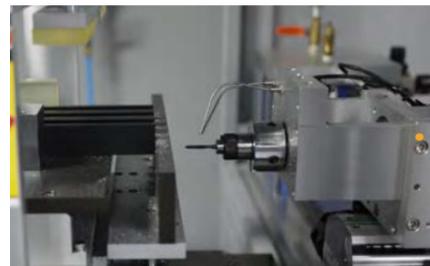
**Silicone O-ring machine**



**CNC machines**  
(Computer Numerical Control)



**Ultrasonic welding machine**



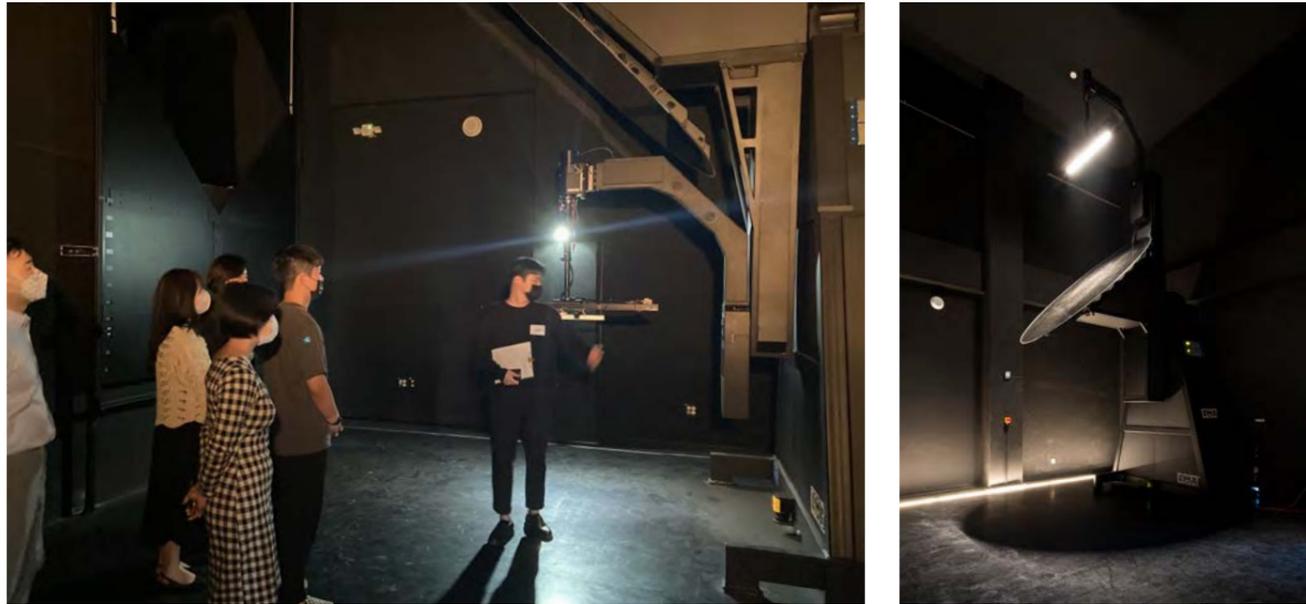
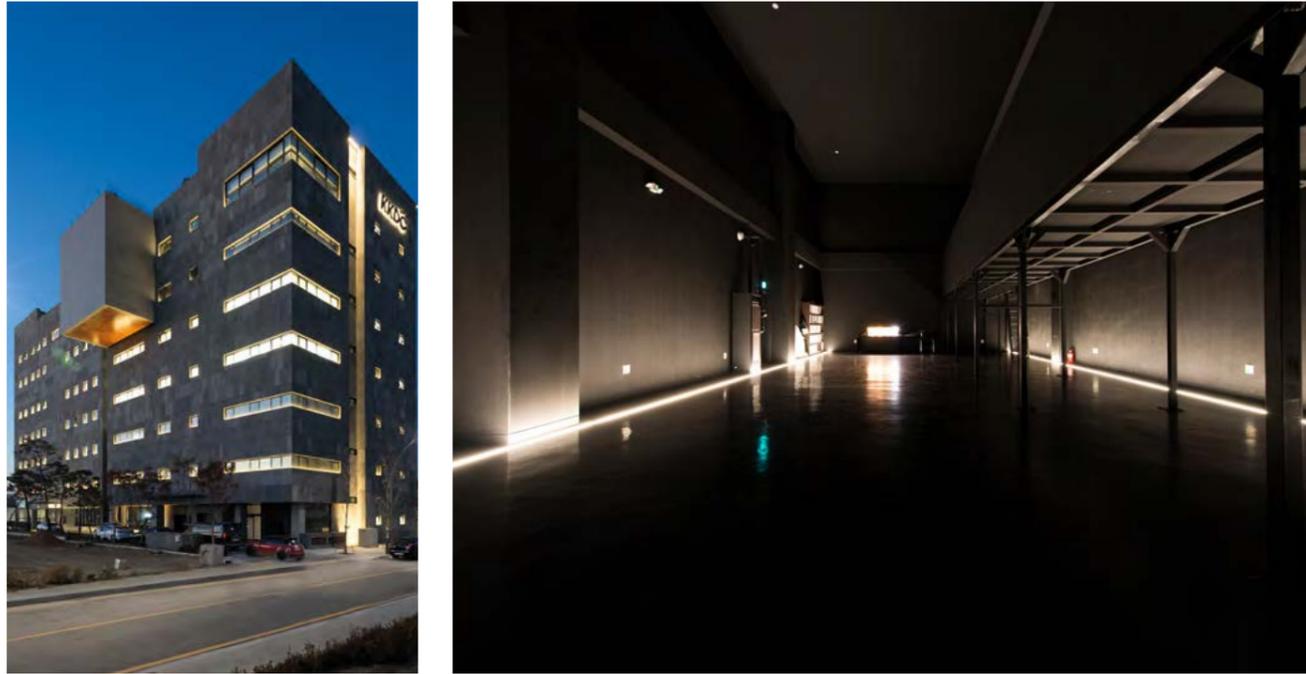
**Automated tap machine**



**Silicone potting machine**



## GONIOPHOTOMETER (TYPE C)



Our full length Type C goniometer allows us to create IES/LDT files, polar curves, glare information and light output patterns of luminaires using LMT dedicated software to the highest accuracy Class L in DIN5032 Part 7 (German Standard).

Unlike the more common Type A/B goniometers, Type C is the requirement for UL Certified testing facilities.

Interestingly the protrusion extending from the 6th & 7th floor of the KKDC R&D centre is required to fit the full length of the light tunnel!

## INTEGRATION SPHERE



The in-house integration sphere ensures we can capture accurate luminaire output data to **certified LM-79 standard.**

# MAKE THE GRADE

All KKDC LED technology meets the highest industry standards and has been tried and tested over the years throughout many international high-end projects.

In order to meet the high demands and specific needs of our clients' project requirements our KKDC LED strip series are simply graded into our 'line' type methodology and offered within a wide selection of linear housings.

Whether looking for the highest efficacy, highest CRI, highest output or most cost efficiency we are confident there is an appropriate LED solution for you.



## KKDC SMD LED Grading System

### A-line

- Highest efficacy tight-pitched LED strip for homogenous diffusion
- Very high lumen output in a small form factor
- Limited choice of CCT options
- Binning: 3-step MacAdam ellipse

**Best for? Lumen efficacy/Small housings/Homogenous diffusion/High-end projects.**

### s-line

- Premium quality flagship range with high efficacy and widest choice of CCT and coloured LED options
- High quality CRI
- Binning: 2-step MacAdam ellipse

**Best for? LED colour choice and consistency/General specification use on high end projects.**

### k-line

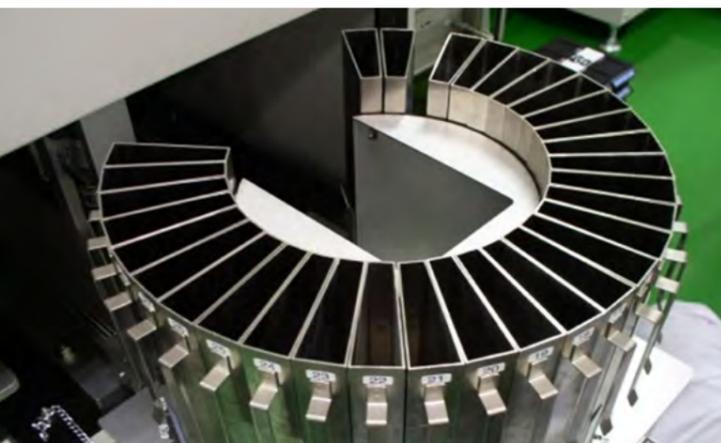
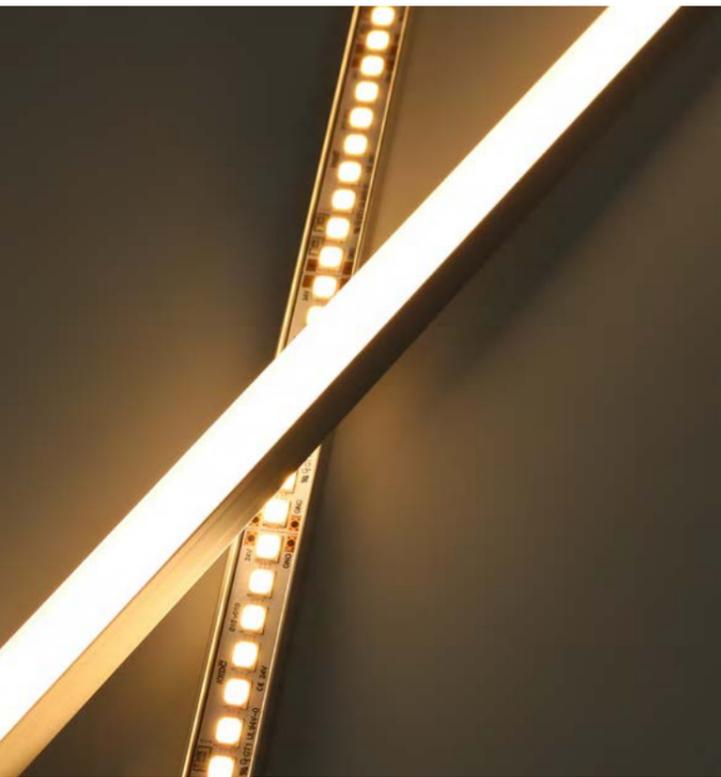
- Commercial quality energy star CCT LED with a wide range of CCT options
- High CRI
- Binning: 3-step MacAdam ellipse

**Best for? Professional general project use/Entry level cost focused projects.**

### h-line

- h-line LED grade icon is applied to our CREE or Lumileds, high power LEDs
- Lensed LED

**Best for? Exterior building façades/lensed projectors/high output/large housings.**



## COLOUR VS OUTPUT

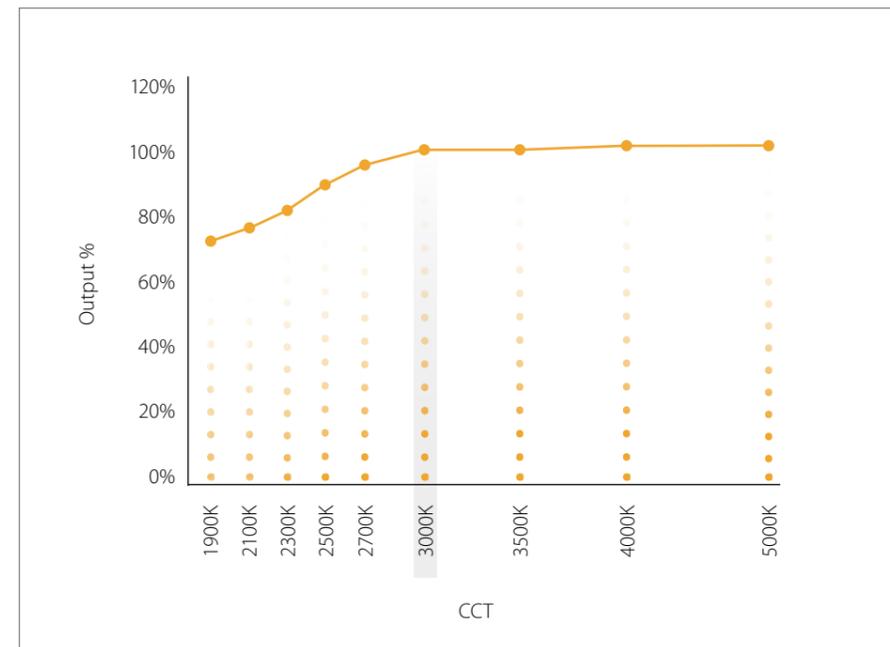


Fig 1. 3000K used as optimum test sample to compare against other CCT to show % output differentiation.

# TESTING & STANDARDS



**CE mark**  
(EU safety certification)



**UL mark**  
(US safety certification)



**KS mark**  
(Korean industrial standards)



**C-Tick mark**  
(AU & NZ safety certification)

## PRODUCT STANDARDS

**EN IEC 60529**  
Degrees of protection provided by enclosures (IP code).

**EN 62262**  
Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code).

**EN IEC 62031**  
LED modules for general lighting – Safety specifications.

**IEC TR 62778**  
Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires.

**EN IEC 55015**  
Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.

**EN 61547**  
Equipment for general lighting purposes. EMC immunity requirements.

**EN IEC 61000-3-2/3**  
Electromagnetic compatibility (EMC).

## QUALITY MANAGEMENT

**ISO 14001**  
Environment management system.

**ISO 9001**  
Quality management system.

**ISO 45001:2018**  
Health and safety management system.

## ENVIRONMENTAL STANDARDS

**RoHS 2002/95/EC**  
Restriction of hazardous substances in electrical & electronic equipment.

## PRODUCT PERFORMANCE

**LM-79-19**  
OPTICAL AND ELECTRICAL MEASUREMENTS OF SOLID-STATE LIGHTING PRODUCTS.

KKDC R&D Centre is a qualified LM-79 laboratory recognized by the International Standards Agency and is an officially qualified KOLAS (Korea Laboratory Accreditation Scheme) laboratory in accordance with ISO/IEC 17025 which permits issuing of LM-79 report & certification.

All KKDC products are tested in accordance with LM-79 with the majority having accredited test data available.

**TM-30-20**  
IES METHOD FOR EVALUATING LIGHT SOURCE COLOUR RENDITION.

Test lab (LM-79-19/TM-30-20):



**LM-80-08**  
MEASURING LUMEN MAINTENANCE OF LED LIGHT SOURCES.

**TM-21-11**  
PROJECTING LONG TERM LUMEN MAINTENANCE OF LED LIGHT SOURCES.

Product lifetime testing is carried out on behalf of KKDC by an accredited test laboratory.

Test lab (TM-80-08/TM-21-11):



# NEW & DISCONTINUED LED STRIPS

With continued advancement in LED output efficacy and performance the KKDC LED range has been refreshed with an all-new PCB line-up maintaining the highest quality colour consistency that KKDC is renowned for. As well as additional new A-line LED grade strips, s-line and k-line LED has been superseded by the new LED packages and

PCB boards, all featuring more tightly pitched arrays to help eliminate any undesirable spotting effects. In an effort to streamline the 'e-line' grade is now discontinued and the new LED naming structure applies some logic with 2 digit figures to denote Wattage/m. Please refer to the table below as a guide.

DISCONTINUED LED/PCB strips						NEW LED/PCB strips						
LED Name	Width	Pitch	Grade	W/m	lm/m	equivalent	LED Name	Width	Pitch	Grade	W/m	lm/m
512	12mm	11.9mm	s-e-k-	30.2W	2490	→	R030	7mm	6.9mm	s-k-	30W	2760
508	6mm	11.9mm	s-e-k-	17.5W	1720	→	R020	7mm	6.9mm	s-k-	20W	1970
008	6mm	6.9mm	s-e-k-	20W	1830	→	R014	7mm	6.9mm	s-k-	14W	1380
504	6mm	16.7mm	s-e-k-	12.5W	1240	→	R007	7mm	6.9mm	s-k-	7W	680
007	6mm	6.9mm	s-e-k-	10.9W	950	→	RS14	4mm	6mm	s-k-	14W	1400
352	6mm	13.9mm	s-e-k-	5.5W	510	→	RS07	4mm	6mm	s-k-	7W	700
							A040	10mm	4.8mm	A-	40W	5044
							A030	10mm	4.8mm	A-	30W	3840
							A025	10mm	4.8mm	A-	25W	3250
							A008	10mm	4.8mm	A-	8W	1120
							AS30	7mm	4.8mm	A-	30W	3840
							A020	7mm	4.8mm	A-	20W	2800
							A010	7mm	4.8mm	A-	10W	1400
							P030	13mm	35.7mm	n-	30W	3000
<b>LEDmix/Special effect</b>												
207	7mm	13.9mm	s-k-	11W	900	→	R207	7mm	13.9mm	s-k-	16W	1480
208	7mm	23.8mm	s-k-	15.6W	1510	→	R209	11mm	6.9mm	s-k-	25W	2175
209	11mm	6.9mm	s-k-	25W	2175	→	RGBW	10mm	10.4mm	s-k-	20W	1110
RGBW	9mm	27.8mm	s-k-	15.1W	960	→	RGB	7mm	13.9mm	n/a	15.6W	460
RGB	7mm	13.9mm	n/a	15.6W	460	→						
<b>Flexible</b>												
FX2	10mm	12.5mm	s-e-k-	7W	560	→	FX07	10mm	10.4mm	s-k-	7W	680
FX4	10mm	20.8mm	s-e-k-	14W	1450	→	FX14	10mm	10.4mm	s-k-	14W	1360
FX8	10mm	10.4mm	s-e-k-	18W	1740	→	FX18	10mm	10.4mm	s-k-	18W	1740
FX2 RGB	11.8mm	25mm	n/a	9.8W	267	→	FX RGB	11.8mm	13.9mm	n/a	15.6W	546
UNI FX4	10mm	20.8mm	s-e-	15W	1450	→	UNI FX4	10mm	20.8mm	s-	15W	1450



# LINEAR LED STRIPS

The KKDC new line up of linear LED strips are tightly pitched to ensure full homogenous diffusion across most of our housings with a higher output efficacy.

With the discontinuation of some of our older LED strip ranges a new LED naming system has been applied to make understanding the per/m wattage more intuitive. See page 15 for comparison table.

**R030 (30W)**  
**R020 (20W)**  
**R014 (14W)**  
**R007 (7W)**

White LED/Coloured LED  
**LED pitch:** 6.9mm [0.27"]  
**Width:** 7mm [0.28"]  
**PCB cut-point:** 41.7mm [1.64"]  
**CCT:** 1900K/2100K/2300K/2500K/2700K/  
 3000K/3500K/4000K/5000K  
**Colours:** Red/Green/Blue/Orange/Amber



**RS14 (14W)**  
**RS07 (7W)**

White LED  
**LED pitch:** 6mm [0.24"]  
**Width:** 4mm [0.16"]  
**PCB cut-point:** 35.7mm [1.41"]  
**CCT:** 1900K/2100K/2300K/2500K/2700K/  
 3000K/3500K/4000K/5000K



**AS30 (30W)**  
**A020 (20W)**  
**A010 (10W)**

White LED  
**LED pitch:** 4.8mm [0.19"]  
**Width:** 7mm [0.28"]  
**PCB cut-point:** 38.5mm [1.51"]  
**CCT:** 2700K/3000K/4000K



**A040 (40W)**  
**A030 (30W)**  
**A025 (25W)**  
**A008 (8W)**

White LED  
**LED pitch:** 4.8mm [0.19"]  
**Width:** 10mm [0.39"]  
**PCB cut-point:** 38.5mm [1.51"]  
**CCT:** 2700K/3000K/4000K



TIMI A020

# SPECIALIST LED STRIPS

To complement the range of white single colour LED strips, KKDC also offers options for special effect mixing and colour changing LED. Look out for our LEDmix, RGBW, and RGB icons.

**LEDmix R207**

For independent blending of any 2 CCT colours or dim to warm function.  
**LED pitch:** 13.9mm [0.55"]  
**Width:** 7mm [0.28"]  
**PCB cut-point:** 83.3mm [3.28"]  
**CCT:** 1900K/2100K/2300K/2500K/2700K/  
 3000K/3500K/4000K/5000K



**LEDmix R209**

For independent blending of any 2 CCT colours or dim to warm function with side by side LED array.  
**LED pitch:** 6.9mm [0.27"]  
**Width:** 11mm [0.43"]  
**PCB cut-point:** 41.7mm [1.64"]  
**CCT:** 1900K/2100K/2300K/2500K/2700K/  
 3000K/3500K/4000K/5000K



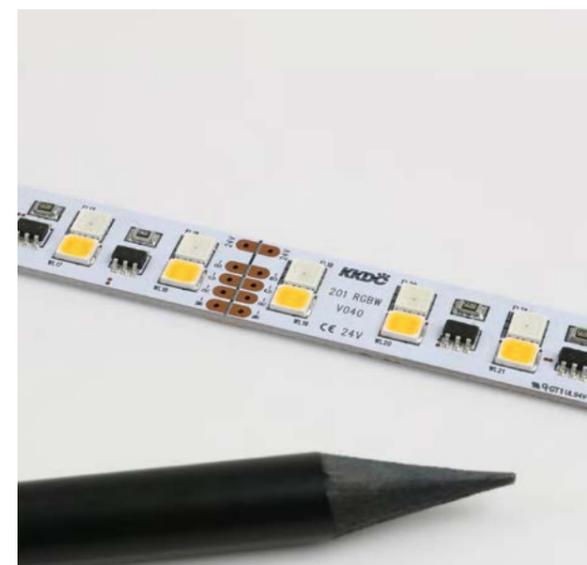
**LEDmix RGBW**

RGB colour mixing with independent integration of additional white CCT within the same strip in a side by side LED array formation.  
**LED pitch:** 10.4mm [0.41"]  
**Width:** 10mm [0.39"]  
**PCB cut-point:** 62.5mm [2.46"]  
**CCT:** RGB+1900K/2100K/2300K/2500K/  
 2700K/3000K/3500K/4000K/5000K



**RGB**

For colour mixing Red/Green/blue LED.  
**LED pitch:** 13.9mm [0.55"]  
**Width:** 7mm [0.28"]  
**PCB cut-point:** 83.3mm [3.28"]  
**Colours:** Red/Green/Blue



LEDmix RGBW LED board

# FLEXIBLE LED STRIPS

A range of linear flexible SMD LED strips with integral heat sinking, designed for discreet, concealed integration into joinery and curved architectural details.

## FX07 (7W)

White LED/Coloured LED  
**LED pitch:** 10.4mm [0.41"]  
**Width:** 10mm [0.39"]  
**PCB cut-point:** 62.5mm [2.46"]  
**CCT:** 1900K/2100K/2300K/2500K/  
 2700K/3000K/4000K/5000K  
**Colours:** Red/Green/Blue/Orange/Amber



## FX14 (14W)

White LED  
**LED pitch:** 10.4mm [0.41"]  
**Width:** 10mm [0.39"]  
**PCB cut-point:** 62.5mm [2.46"]  
**CCT:** 1900K/2100K/2300K/2500K/2700K/  
 3000K/4000K/5000K

## FX18 (18W)

White LED  
**LED pitch:** 10.4mm [0.41"]  
**Width:** 10mm [0.39"]  
**PCB cut-point:** 62.5mm [2.46"]  
**CCT:** 1900K/2100K/2300K/2500K/2700K/  
 3000K/4000K/5000K

## FX RGB

**LED pitch:** 13.9mm [0.55"]  
**Width:** 11.8mm [0.46"]  
**PCB cut-point:** 83.3mm [3.27"]  
**Colours:** Red/Green/Blue



## UNI FX4 (15W)

White LED  
**LED pitch:** 20.8mm [0.82"]  
**Width:** 10mm [0.39"]  
**PCB cut-point:** 125mm [4.92"]  
**CCT:** 1900K/2100K/2300K/2500K/2700K/  
 3000K/4000K/5000K



UNI FX4 illuminated

# POWER LED STRIPS

High power linear lensed LED array series with various pitch options, beam angles and power outputs. Compatible with the larger SEN housings and new small form P030 LED available within mid-sized MOMO housings.

## P030 (30W)

White LED  
**Constant Voltage**  
**LED pitch:** 35.7mm [1.41"]  
**PCB cut-point:** 250mm [9.84"]  
**CCT:** 2700K/3000K/3500K/4000K/5000K



## 033 CC (30/61W)

White LED / Coloured LED  
**Constant Current**  
**LED pitch:** 33mm [1.3"]  
**PCB cut-point:** 100mm [3.94"]  
**CCT:** 2700K/3000K/3500K/4000K/5000K  
**Colours:** Red/Green/Blue



## 050 CC (20/41W)

White LED/Coloured LED  
**Constant Current**  
**LED pitch:** 50mm [1.97"]  
**PCB cut-point:** 100mm [3.94"]  
**CCT:** 2700K/3000K/3500K/4000K/5000K  
**Colours:** Red/Green/Blue



## 100 CC (10/21W)

White LED/Coloured LED  
**Constant Current**  
**LED pitch:** 100mm [3.94"]  
**PCB cut-point:** 100mm [3.94"]  
**CCT:** 2700K/3000K/3500K/4000K/5000K  
**Colours:** Red/Green/Blue



## 035 CV (40W)

White LED  
**Constant Voltage**  
**LED pitch:** 35mm [1.38"]  
**PCB cut-point:** 250mm [9.84"]  
**CCT:** 2700K/3000K/3500K/4000K/5000K



## 094 RGB CV (16W)

**Constant Voltage**  
**LED pitch:** 94mm [3.7"]  
**PCB cut-point:** 470mm [18.5"]  
**Colours:** Red/Green/Blue

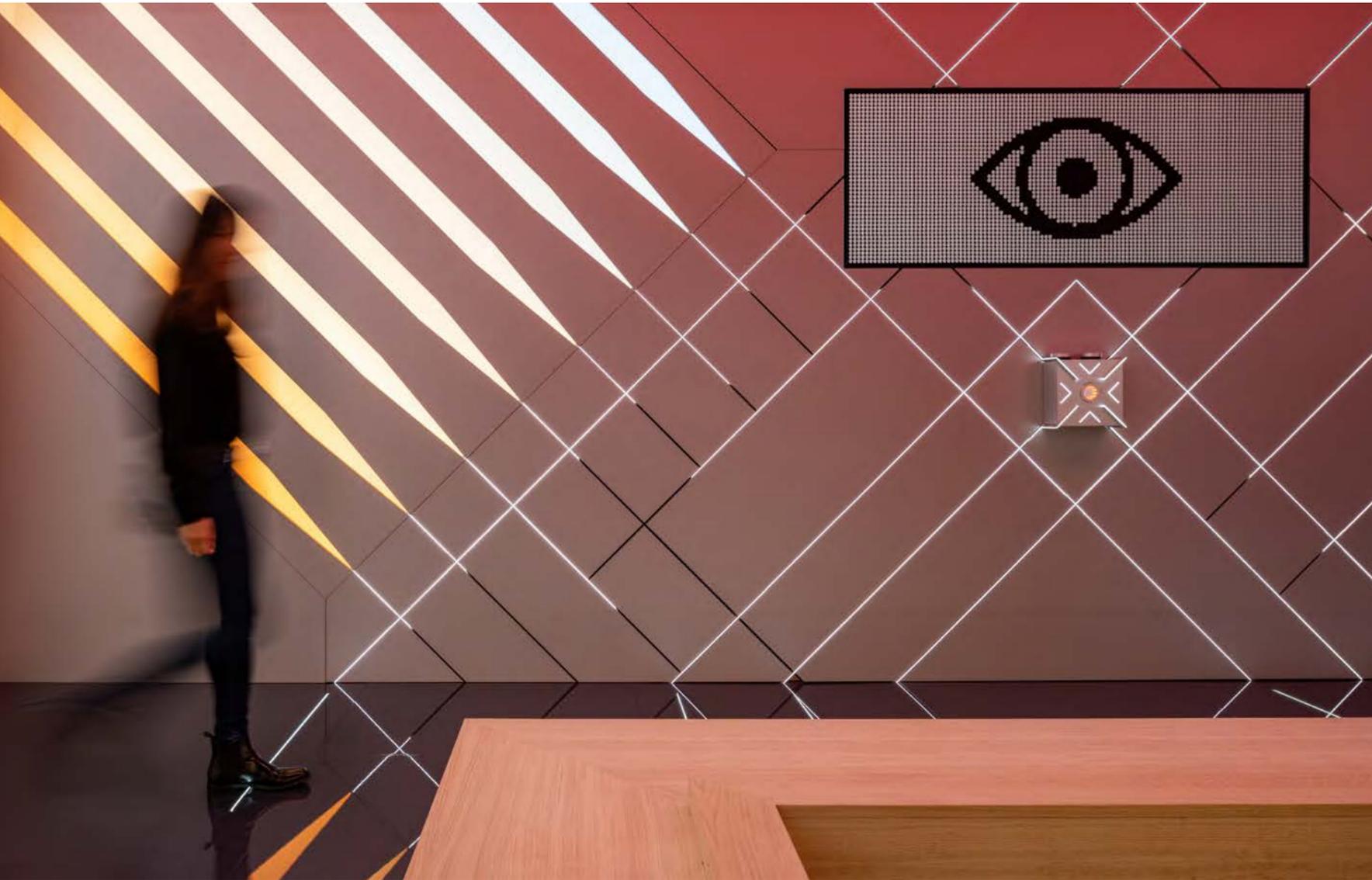


## 047 RGB CV (33W)

**Constant Voltage**  
**LED pitch:** 47mm [1.85"]  
**PCB cut-point:** 470mm [18.5"]  
**Colours:** Red/Green/Blue



SEN 035 CV



## Light + Building 2022



View walkthrough video

Produced by KKDC Global as the main international exhibition stand at Light + Building show 2022 (Messe, Frankfurt 02-06 October).

Stand designed by KKDC Design House (UK) using Italian based stand constructor (EUROSTANDS), and collaboration with KKDC Italy to help commission the HELVAR DALI control system. In development for over 2 years due to postponement caused by the global COVID-19 pandemic, it was great to finally bring the project to a successful conclusion. Many thanks to all our friends and colleagues who were able to attend and support the event.

### Design Concept

The overall concept was to create a minimalist Japanese garden inspired look & feel, with contrasting high-tech theme with several key features and focal points throughout that integrated selected KKDC lighting products.

The main feature wall constructed from Metallic aluminium panels inlaid with GROOVE Light product and an integrated Flip-Dot panel screen displaying three Flip-Dot panel scene animations (Representing Fire, Water & Lightning) each programmed to interact with a corresponding PUK 'switch' which activated both the animation and lighting effects simultaneously via WPT (Wireless Power Transfer technology). The idea to create fun, physical human interaction on the stand. A stainless steel pond water feature was installed with large feature Bonsai tree included, demonstrating a new linear IP68 WPT product from KKDC. In addition, the zen style garden was incorporated to create texture with smaller Bonsai used as display. A clean white wall with KKDC promotional bicycle mounted allowed us to demonstrate our newly launched TIA 26 Asymmetric linear wallwasher. The main entrance area included TIMI Glow product flush mounted using black and white diffusers installed to create a large pre-programmed 'bar code' wall lighting effect. Various other products were installed including the large custom KOH 40-H suspended System a custom formation to give some general downlighting throughout the space with red mood uplighting, all controlled via a HELVAR DALI control system.

**Stand Design:** KKDC Design House (UK)

**Stand Construction:** EUROSTANDS (Italy)

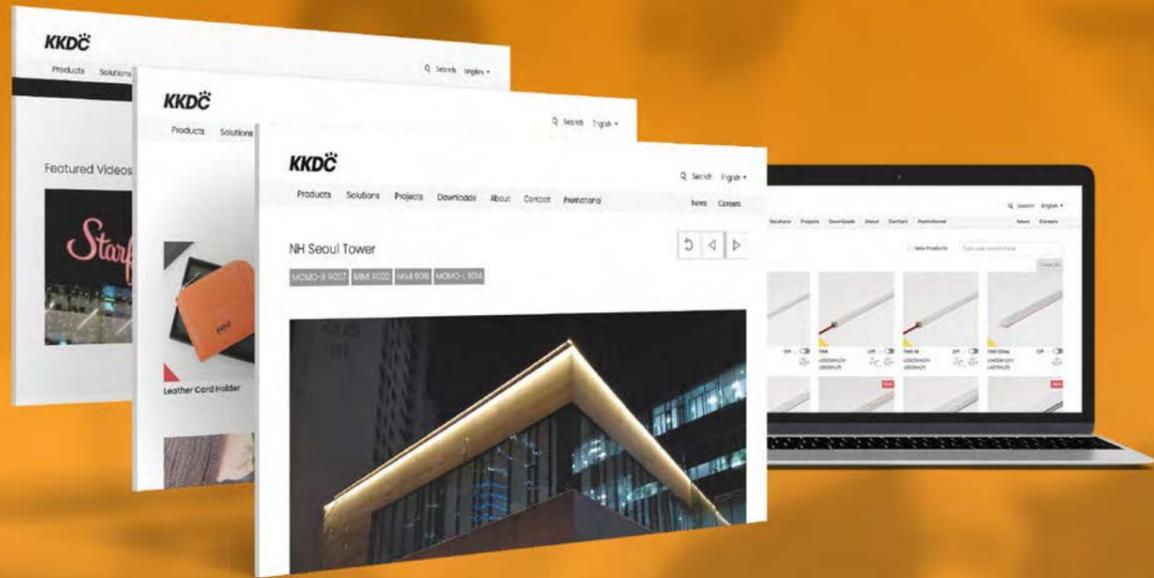
**Control System/Commissioning:** HELVAR/KKDC Italy



Photography: Gavriil Papadiotis

# NEWS

## New website features



As we continually seek to improve the user experience on our website, look out for the various new features added in the latest upgrade, including improved product selection pages and on/off toggle switches for the product thumbnail pictures.

[www.kkdc.lighting](http://www.kkdc.lighting)



## LED upgrades & Product name changes

With continued improvement of LED technology and manufacturing processes within the lighting sector, KKDC leads the way with an all-new LED line-up launched in 2023. Taking advantage of many key upgrades that come from technological improvements, such as higher lumen efficacy and improved CRI, the more tightly pitched LED arrays across all linear strips now ensures most linear products within the KKDC range are available with a fully diffused cover option.

A new standard LED strip naming logic has been adopted to be more intuitive and improve the ordering process where the last 2 digits indicate the wattage per/m figure (eg: A010=10W, A020=20W etc.). Refer to the comparison guide table on page 15 for more information.

Additionally, in an effort to make product family range groupings more manageable and approachable some minor product name changes have also been applied to some existing products as below:

**Power Cove** > Becomes **'TIMI Cove'**

**KKSL** > Becomes **'MIMI SL'**

**POKI** > Becomes **'MIMI Poki'**

**GROOVE Flex** > Becomes **'KURV Groove'**



## PIXEL Matrix Brochure



A hard copy PIXEL Matrix brochure is now available for our dynamic media façade solution. Finished in a soft-touch midnight blue with useful internal tear-off grid paper pad, speak to your local KKDC representative to discuss your media façade project today. The digital eBrochure can also be downloaded from our website using the QR code link here.



## KKDC COLLECTION project book



The new 'KKDC COLLECTION' book is a compilation of inspirational architectural lighting projects from around the world, showcased in a beautifully finished case-bound book form with a limited print run. Speak to your local KKDC branch for more information.

The digital version of this book can be downloaded as a PDF file via the QR code link below.



# NEWS

## LIGHT ASIA back in 2023

KKDC is proud sponsor of LIGHT ASIA, the non-profit organisation aimed at supporting the next generation of lighting professionals.

Following the disruption caused by the COVID-19 global pandemic, LIGHT ASIA finally returned in 2023, held at Kumamoto Japan. This was the 6th ever event since LIGHT ASIA was established with the first event held in 2013 in Paju, South Korea.

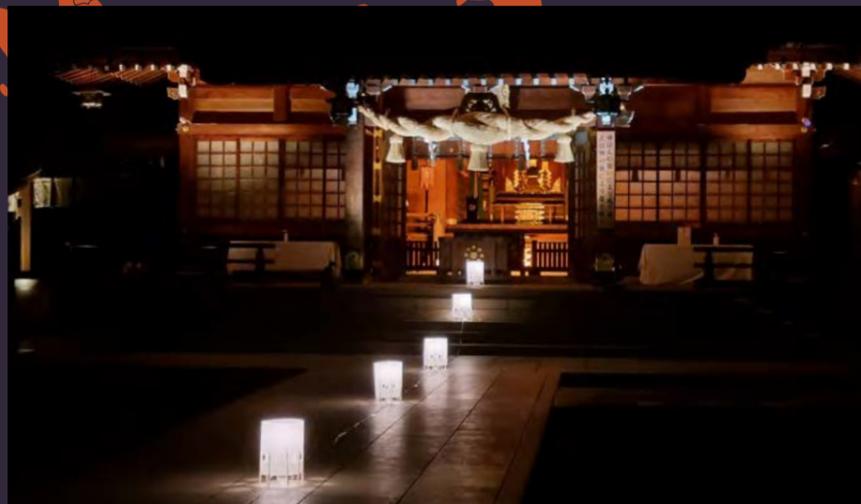
It was great to help promote the lighting industry and support local student participation in Japan mentored by three top level international lighting designers who generously volunteered their time to be part of the LIGHT ASIA project. A huge thanks to Florian Douet, Sean O'Connor and Aviva Gunzburg.

To get involved with the LIGHT ASIA project please contact them via their website.

[www.lightasia.org](http://www.lightasia.org)

2017 Bangkok

2013 Paju  
2015 Daegu  
2018 Fukuoka  
2019 Shanghai  
2023 Kumamoto Japan



**Right:** Light Asia 2023 in Kumamoto. 32 local university students worked with lighting designers to successfully curate a lighting exhibition.

Recently refreshed, take a look at the updated website and online social media presence.

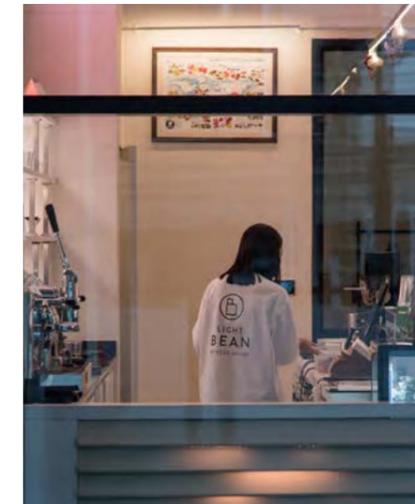
[www.lightasia.org](http://www.lightasia.org)



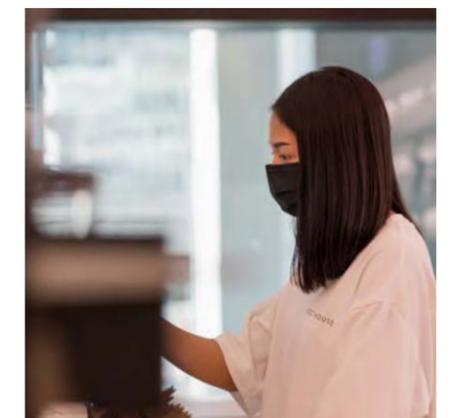
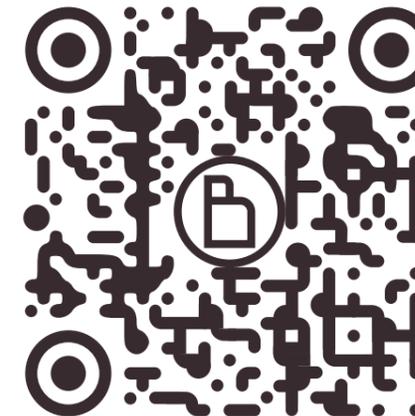
KKDC sponsors of

# LIGHTASIA

## KKDC HOUSE/LIGHT BEAN Bangkok coffee shop opens



Launched at Light + Building show 2022, LIGHT BEAN is our single origin coffee brand produced exclusively for KKDC HOUSE – The KKDC sub-brand for our combined coffee shop & lighting showroom premises. Opened in 2023, the Bangkok location is now fully operational. Why not call in to discuss your lighting project over some of our unique LIGHT BEAN coffee taste sensations.



### KKDC HOUSE, Bangkok

รามคำแหง ชั้นที่ 1 ห้องเลขที่ SHOP10 51  
อาคารเมเจอร์ทาวเวอร์ พระราม9 หัวหมาก  
Bang Kapi District, Bangkok 10240, Thailand

# NEWS

## Our ESG rating

KKDC has an established ESG management system by obtaining and operating ISO 9001, ISO 14001 and ISO 45001 certification which includes product quality, environment and health & safety. In 2022 certification was renewed through Gcerti Co., Ltd management system certification body, valid until 2025.

KKDC commissioned an independent ESG diagnostic evaluation by Korea Credit Bureau (KCB) in 2023. As a result of this comprehensive assessment we received an overall grade 2, demonstrating excellent sustainability management performance based on environmental, social and governance factors.

The three core elements for achieving a company's sustainability management activities are environmental management, social responsibility and sound and transparent governance - At KKDC these are managed to a high level indicating excellent non-financial risk management capabilities from a mid-to-long-term perspective.

### KKDC Grades

**Environmental evaluation:** Grade 1  
**Social evaluation:** Grade 2  
**Governance evaluation:** Grade 2

## Start the REVOLUTION

### KKDC launches RE.VO

As a manufacturer, KKDC recognises the responsibility to drive commercially successful products towards improved sustainability and carbon reduction in a world with finite resources.

Launching 2024, KKDC is set to initiate **RE.VO**, our **remanufacturing** scheme designed to ensure luminaire fixture longevity and serviceability to minimise our carbon footprint.

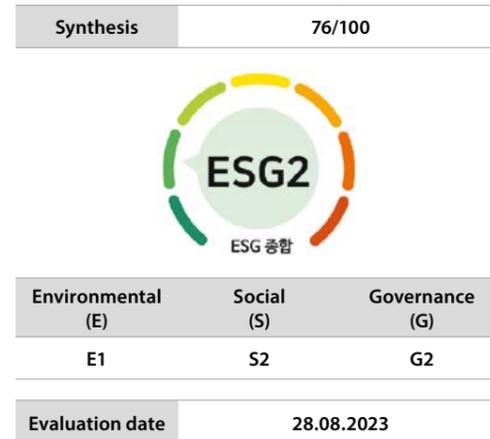
Our **RE.VO** eligible products can be easily returned to KKDC for refurbishment and be upgraded with the latest LED lighting components to extend the life of the complete fixture for many more years to come.

### RETURN, REPAIR & RECYCLE

All **RE.VO** products will be returned after undergoing a comprehensive refurbishment process which includes:



### KKDC ESG rating



## RE.VO

## Full circle

### With the CIRCULAR ECONOMY MODEL

From material extraction, product design, production, consumption and disposal, KKDC promises to help reduce carbon emissions at every stage of the process.

### Our Goals

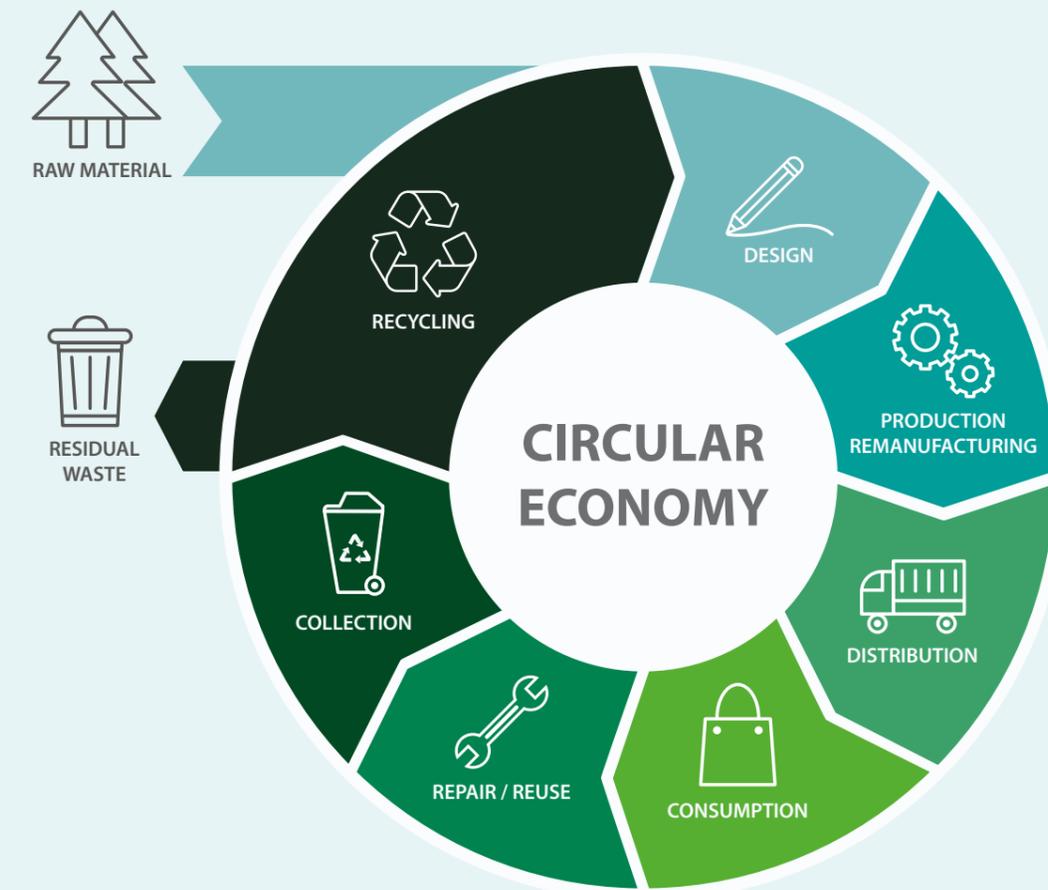
- Extend product longevity by supporting return, repair and refurbishment schemes.
- Implement a more modular housing design focus to ease use of replaceable parts.
- Implement use of 100% recyclable materials such as aluminium and PMMA Thermoplastics (Already used throughout most KKDC products wherever possible).

### RE.VO Design Revolution

As KKDC looks forward to the future a more **modular design ethos** will be applied to our LED light fixtures to support and encourage the desire to repair and upgrade products in the most efficient way possible. Look out for our **RE.VO** compatible product ranges coming soon.

### KKDC ECO Packaging

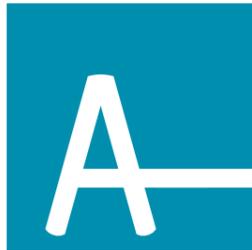
KKDC has already adopted a more ecological packaging approach and we strive to continue down this path to ensure single use plastics and non-recyclable elements are removed from our supply chains whenever possible.



NEW

# PRODUCTS & TECHNOLOGY

## Advanced performance, high efficacy



A-line. The new powerful LED strip range offering several output options.

Consisting of A010 (10W), A020 (20W) and AS30 (30W) with a 7mm wide PCB and A008 (8W), A025 (25W), A030 (30W) and A040 (40W) with the wider 10mm PCB, all A-line LED strips benefit from tightly pitched LED chip arrays, super-high lumen efficacy and the consistent extensive white CCT quality expected from KKDC.

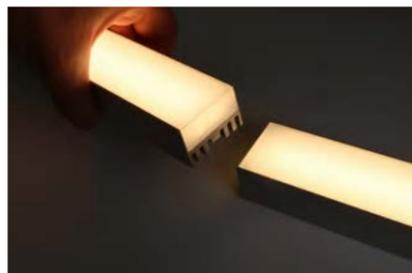
New A-line LED strips are available across various KKDC compact linear housings series as well as the larger profile options SEN and SUMO.

## MOMO. Next generation

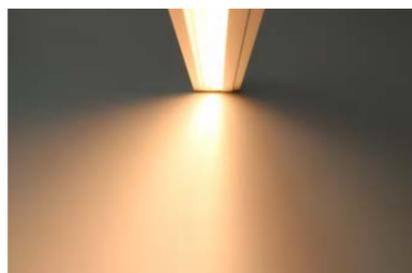
The popular IP67 MOMO series receives design upgrades with new MOMO-L, MOMO-R and MOMO-F housings designed to offer a more complete range of lens and optics options available to be specified internally. Additionally our new mini high-power P030 LED is launched with the MOMO Power housing, now able to provide light beam projections suitable for exterior façades in the same compact and robust MOMO linear form.



## TIA housing Series



TIA 26 (26mm wide) and TIA 40 (40mm wide) in the new TIA series featuring unique wrap-around illuminated ends to achieve seamless end-to-end light lines. Wallwasher lens options are also included with TIA 26 Asymmetric and recessed TIA 26R Asymmetric housings.



## Small form, big performance

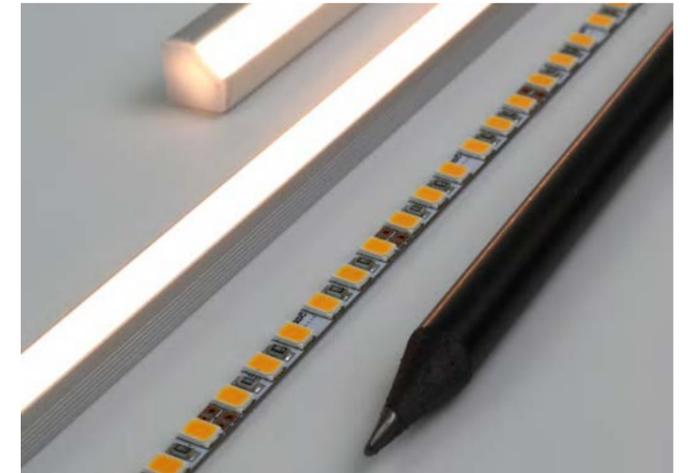
Adding to the sleek linear compact range, KKDC launches a new ultra-slim and powerful 4mm wide LED strips RS07 (7W) and RS14 (14W), introduced with three new micro profile housings.

### TIMI Micro

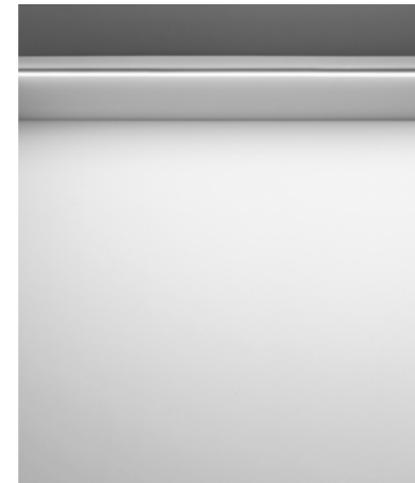
At just 6mm wide our smallest fully diffused linear profile designed to fit into the most intricate architectural details.

### TANA Nano 1/TANA Nano 2

Expanding the TANA series at just 8mm or 11.7mm wide, the new TANA Nano profiles offer yet more compact shelf lighting options with a fully homogenous diffused light source.



## Wall wonder



After several years in development KKDC launches a range of high performance linear asymmetric lenses with the following housings:

- TIMI Asymmetric
- LINI Asymmetric
- TIA 26 Asymmetric
- TIA 26-R Asymmetric
- TANA Asymmetric
- MOMO-L
- MOMO-R
- MOMO-F
- SEN Asymmetric
- SEN-F Asymmetric
- PICO Asymmetric

## Flexible working

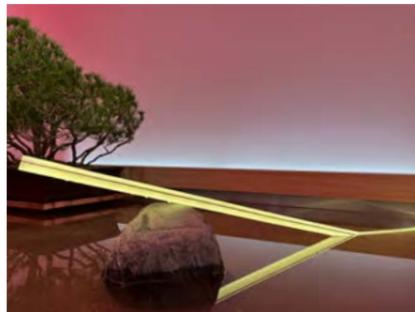


MOMO Flex, the new linear flexible LED housing with mini lensed LED array and range of beam options including spread lens. Encased in a tough IP66 housing with flexible and twistable properties, flexing in both directions.

NEW

# PRODUCTS & TECHNOLOGY

## Go with the FLO



Developed in the UK by KKDC England, the new FLO series offers a range of 32mm wide IP68 luminaires for pool lighting, gardens or decorative pendant applications. The tough, opaque, lightly textured special resin material creates a soft, fully homogenous light output that uniquely illuminates evenly end-to-end.

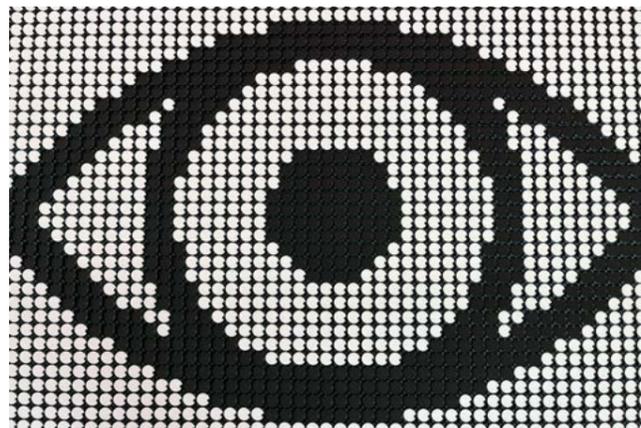
## WAVE flip dot display system



Showcased at Light + Building 2022, WAVE modules use electromechanical flip dot matrix technology to create large custom two tone display systems.

Reminiscent of the bygone era of analogue display technology, WAVE system provides a contemporary, retro solution in an overly digitised world to create unique, audibly visceral and physically interactive installations that can be illuminated and linked together with DALI lighting control systems.

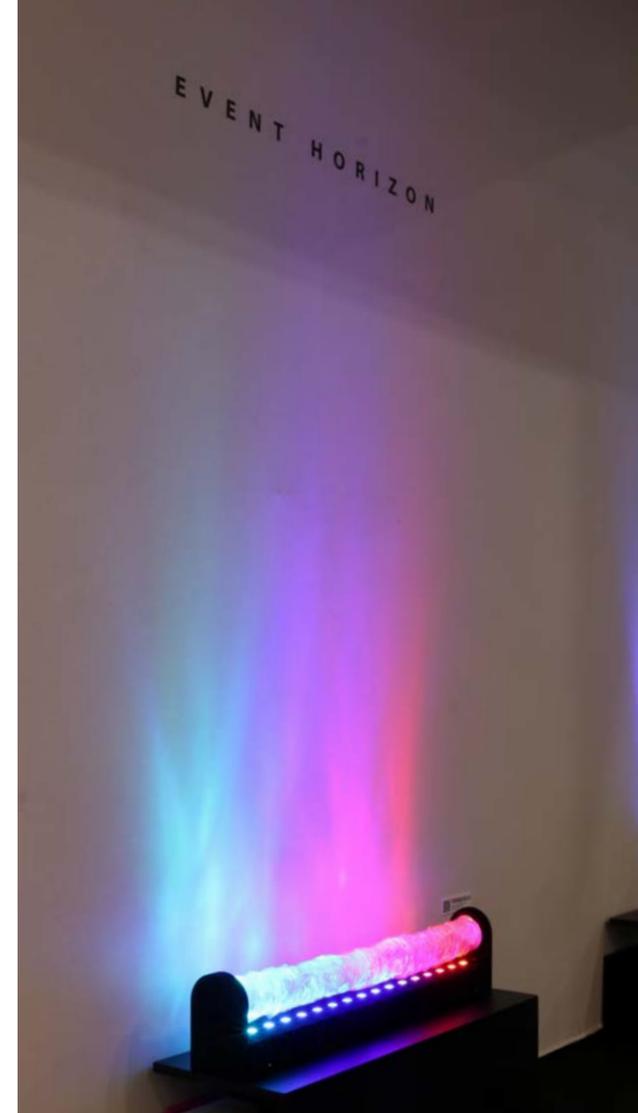
A WAVE brochure is available in printed copy or digital version to download from our website.



## TRANQUILLA

Decorative

Bring tranquil serenity to any space with this unique luxury decorative free standing feature light. TRANQUILLA is a stand alone DMX controlled LED light projector with a rotating Murano glass cylinder producing mesmerizing kinetic lighting effects onto walls. TRANQUILLA is named after the Italian word for calm, where 'Made in Murano' beauty is elevated with the latest LED lighting technology from Korea. Launched at the 2023 Maison & Objet show in Paris, TRANQUILLA leads the way for KKDC towards a new range of decorative luminaires and artisan pieces.



## LINEAR

### 01. TIMI

#### SURFACE

TIMI Micro	40
TIMI Glow	44
TIMI	48
TIMI-M	52
TIMI Asymmetric	56
TIMI-C	60
TIMI-D	64
TIMI Cove	68

### 02. LINI

#### SURFACE

LINI-S	76
LINI Asymmetric	80
LINI-S Glow	84
LINI-S XL	88
LINI Glow	92
LINI Glow XL	96
LINI Blade-S	100

#### SUSPENDED

LINI Blade-H	104
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#### RECESSED

LINI-R	108
LINI-R XL	112

### 03. TIA

#### SURFACE

TIA 26 Asymmetric	120
TIA 26	124
TIA 40	128

#### RECESSED

TIA 26-R Asymmetric	132
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### 04. TANA

#### SURFACE

TANA Nano 1	140
TANA Nano 2	144
TANA Micro	148
TANA SP	152
TANA	156
TANA Asymmetric	160
TANA Spot	164

### 05. PICO

#### SURFACE

PICO Asymmetric	172
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### 06. MIMI

#### SURFACE

MIMI Glow	180
MIMI	184
MIMI SL	188
MIMI Poki	192

### 07. MOMO

#### SURFACE

MOMO	200
MOMO Sauna	204
MOMO-L	208

#### RECESSED

MOMO-R	212
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#### IN-GROUND

MOMO-F	216
MOMO Bloc	220

### 08. SEN

#### SURFACE

SEN	228
SEN Asymmetric	232

#### IN-GROUND

SEN-F Asymmetric	236
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### 09. SUMO

#### SURFACE

SUMO	244
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### 10. GROOVE

#### RECESSED

GROOVE Light	252
GROOVE Light IP67	256
GROOVE In	260

### 11. FLO

#### SURFACE

FLO Pool	268
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#### IN-GROUND

FLO Stem	272
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#### SUSPENDED

FLO Drop	276
FLO Lume	280

## FLEXIBLE

### 12. KURV

#### SURFACE

KURV Groove	290
KURV-X	294
KURV-Y	298

### 13. MOMO Flex

#### SURFACE

MOMO Flex	306
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### 14. FX

#### SURFACE

FX	314
UNI FX	318

### 15. LUNA

#### SURFACE

DUO Luna	326
QUADRO Luna	330

## POWER

### 16. MOMO Power

#### SURFACE

MOMO Power	340
MOMO-L Power	344

#### RECESSED

MOMO-R Power	348
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#### IN-GROUND

MOMO-F Power	352
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### 17. SEN

#### SURFACE

SEN CV	360
SEN CC	364
SEN CV Indoor	368
SEN Louvre CV	372
SEN Louvre CC	376

#### IN-GROUND

SEN-F CV	380
SEN-F CC	384

## SYSTEMS

### 18. KOH

#### SURFACE

KOH 40-S	396
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#### RECESSED

KOH 40-R	400
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#### SUSPENDED

KOH 40-H	404
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### 19. PIXEL

#### SURFACE

PIXEL Matrix	412
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## SPOTS

### 20. LINI Spot

#### RECESSED

LINI XL Spot Recessed	422
LINI XL Spot Trimless	426

### 21. PUK

#### SURFACE

PUK-L	434
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### 22. TAYO

#### IN-GROUND

TAYO Spot	442
TAYO Micro	446

#### RECESSED

TAYO Ceiling	450
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## CONTROL

### 23. visDIM

visDIM DALI Sub-controller	458
visDIM DMX Sub-controller	458
visDIM 1-10v Sub-controller	458

PRODUCT  
RANGE

# LINEAR

01. TIMI
02. LINI
03. TIA
04. TANA
05. PICO
06. MIMI
07. MOMO
08. SEN
09. SUMO
10. GROOVE
11. FLO

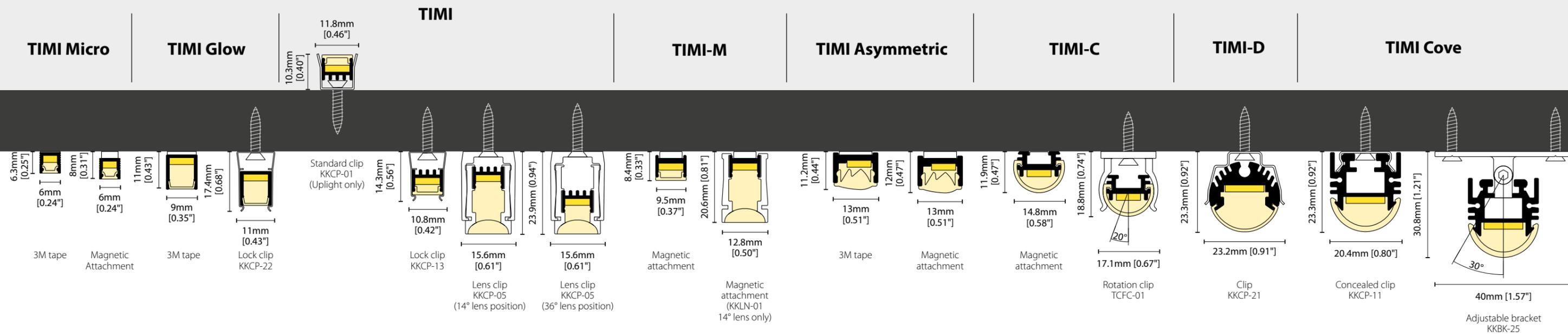
# 01. TIMI Series

 TIMI Micro <b>40</b>	 TIMI Glow <b>44</b>	 TIMI <b>48</b>
 TIMI-M <b>52</b>	 TIMI Asymmetric <b>56</b>	 TIMI-C <b>60</b>
 TIMI-D <b>64</b>	 TIMI Cove <b>68</b>	

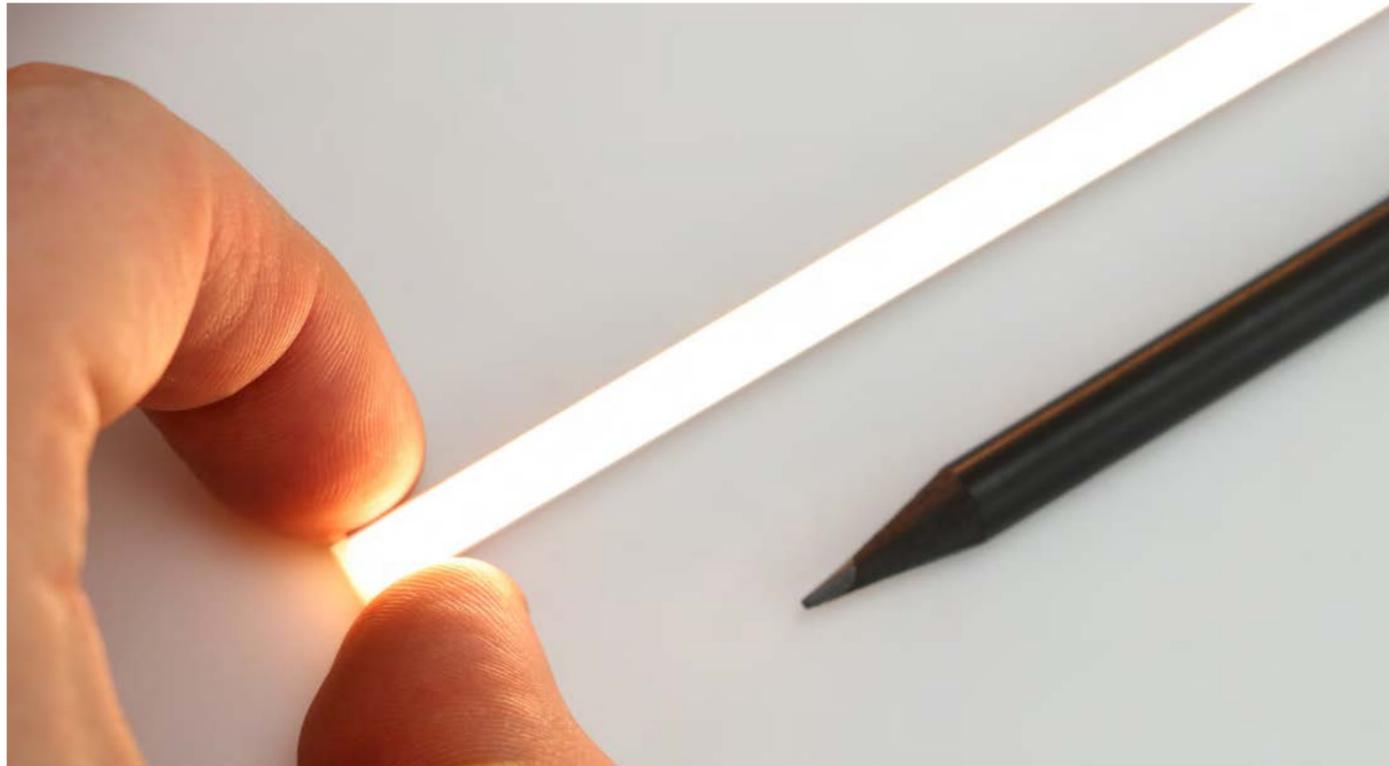
\*Profile drawings are 1:1 scale

KKDC core linear series of interior 'bare bones' basic heat-sink housings with a wide choice of LED strips, designed for surface mounted concealment into various architectural details.

# TIMI



		TIMI Micro		TIMI Glow				TIMI						TIMI-M		TIMI Asymmetric	TIMI-C						TIMI-D	TIMI Cove								
LED		RS14	RS07	A020	A010	R020	R014	A020	A010	R014	R007	R207	RGB	A020	A010	R014	R007	R207	RGB	AS30	A020	A010	R020	R014	R007	R207	A030	A040	R030			
W/m		14W	7W	20W	10W	20W	14W	20W	10W	14W	7W	16W	15.6W	20W	10W	14W	7W	16W	15.6W	30W	20W	10W	20W	14W	7W	16W	30W	40W	30W			
Line		s-k	s-k	A	A	s-k	s-k	A	A	s-k	s-k	s-k	RGB	A	A	s-k	s-k	s-k	RGB	A	A	A	s-k	s-k	s-k	s-k	A	A	s-k			
Cover & Optics	IP							■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
	IP20																															
	IP40	■	■	■	■	■	■														■											
	No Cover							■	■	■	■	■	■	■	■	■	■	■	■	■												
	Clear																					■	■	■	■	■	■					
	Diffused	■	■	■	■	■	■															■	■	■	■	■	■	■				
	Semi Diffused							■	■	■	■	■	■	■	■	■	■	■	■	■												
	Black																															
Asymmetric lens																				■												
14°							■	■	■	■	■	■	■	■	■	■	■	■	■													
30°																													■	■		
36°							■	■	■	■	■	■	■	■	■	■	■	■	■													



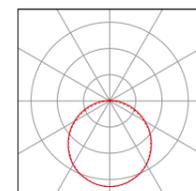
## LED Data (Based on 3000K, s-line)

	TIMI Micro RS14	TIMI Micro RS07
<b>Diffused Cover</b>	682lm/m (208lm/ft) 49lm/w	346lm/m (105lm/ft) 49lm/w
<b>Wattage</b>	14W/m (4.27W/ft)	7W/m (2.13W/ft)
<b>Dimension</b>	H6/W6/L76-2005mm (H0.24/W0.24/L2.99-78.94")	H6/W6/L76-2005mm (H0.24/W0.24/L2.99-78.94")
<b>PCB Cut-point</b>	35.7mm (1.41")	35.7mm (1.41")
<b>LED Pitch</b>	6mm - 168LED/m (0.24" - 51LED/ft)	6mm - 168LED/m (0.24" - 51LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 72.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 59.9°C)

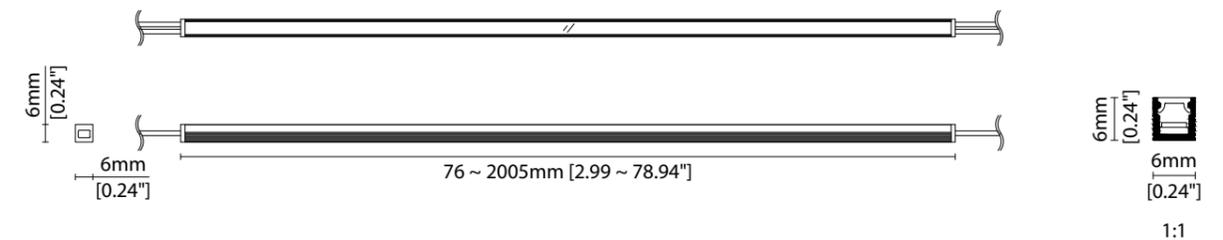


## Housing Data

<b>Cover/Optics</b>	Diffused (120°)
<b>CCT</b>	<b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥93
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via 3M tape or Magnet
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



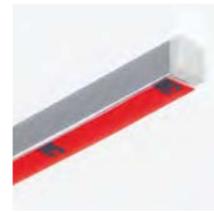
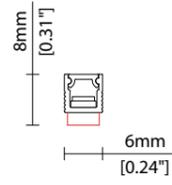
Diffused Cover  
— C0 / C180    - - - C90 / C270  
cd / 1000 lm



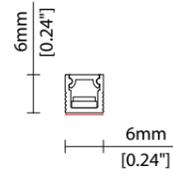
## Mounting methods



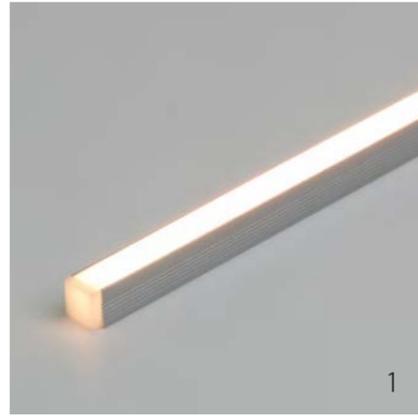
Magnet fixing



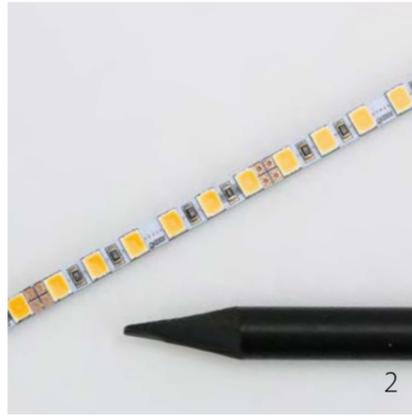
3M Tape fixing



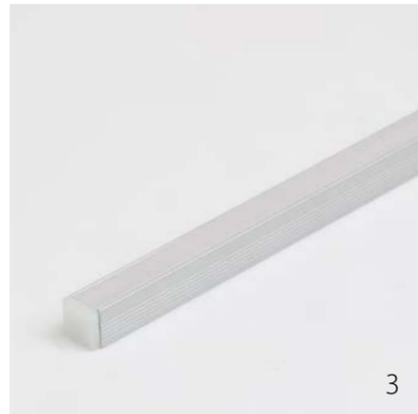
## Detail shots



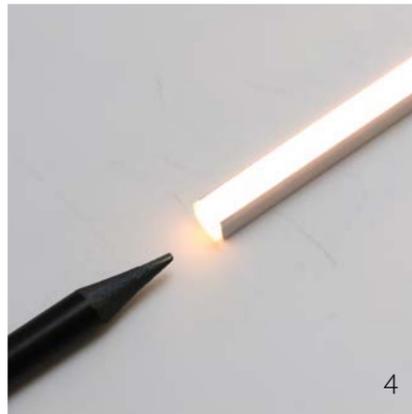
1



2

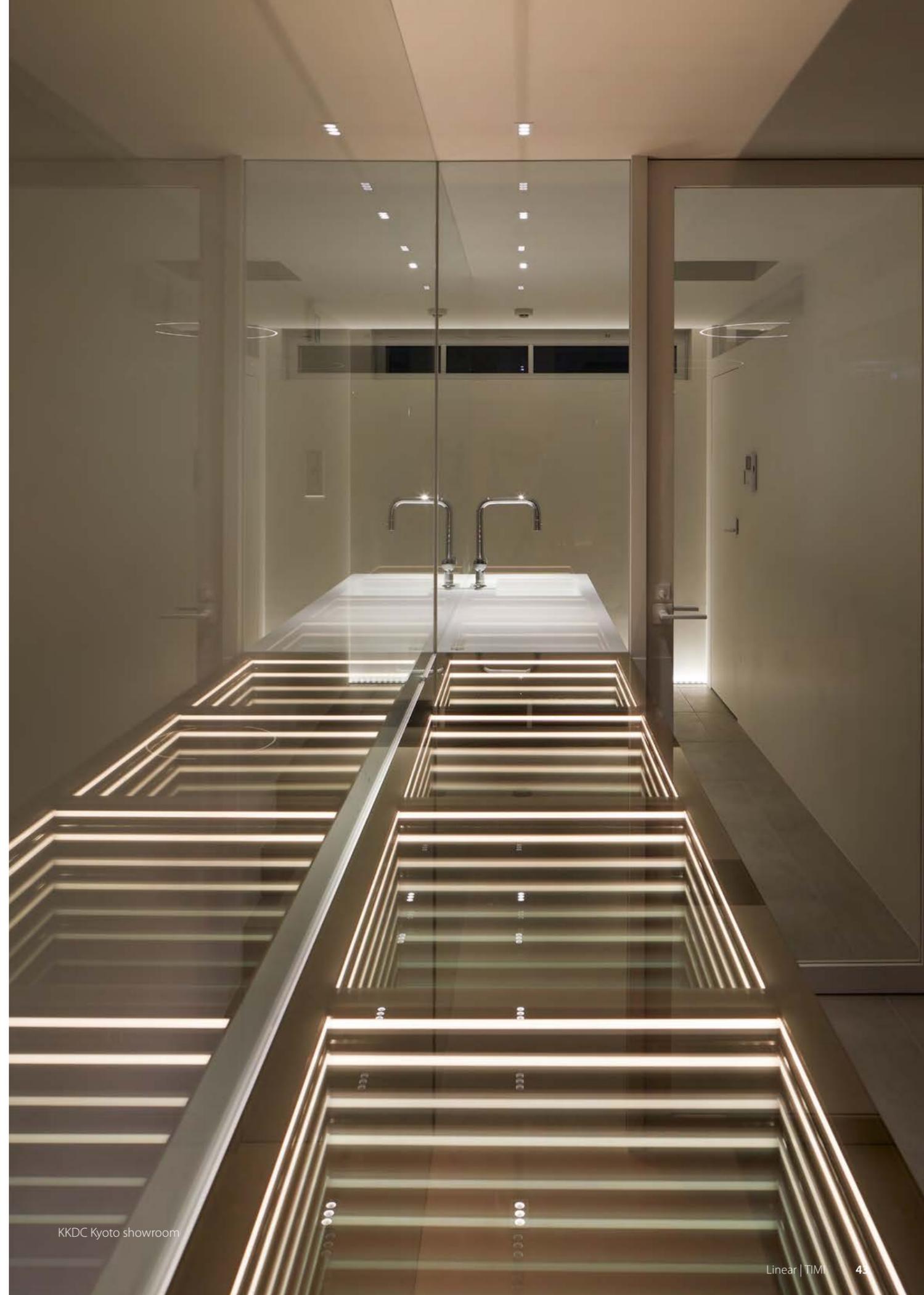


3



4

1. Glowing end cap
2. RS07/RS14 micro LED strip
3. Snap-fit diffused cover
4. Ultra-slim form factor





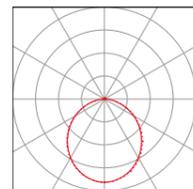
## LED Data (Based on 3000K, A-line/s-line)

	TIMI Glow A020	TIMI Glow A010	TIMI Glow R020	TIMI Glow R014
<b>Diffused Cover</b>	1400lm/m (427lm/ft) 70lm/W	700lm/m (213lm/ft) 70lm/W	912lm/m (278lm/ft) 46lm/W	697lm/m (213lm/ft) 50lm/W
<b>Wattage</b>	20W/m (6.1W/ft)	10W/m (3.05W/ft)	20W/m (6.09W/ft)	14W/m (4.27W/ft)
<b>Dimension</b>	H10/W9/L85-2008mm (H0.39/W0.35/L3.34-79.06")	H10/W9/L85-2008mm (H0.39/W0.35/L3.34-79.06")	H10/W9/L91.4-2008mm (H0.39/W0.35/L3.60-79.06")	H10/W9/L91.4-2008mm (H0.39/W0.35/L3.60-79.06")
<b>PCB Cut-point</b>	38.46mm (1.51")	38.46mm (1.51")	41.7mm (1.64")	41.7mm (1.64")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)	4.8mm – 208LED/m (0.19" – 64LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 82°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 76°C)	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 78.6°C)	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 74.6°C)

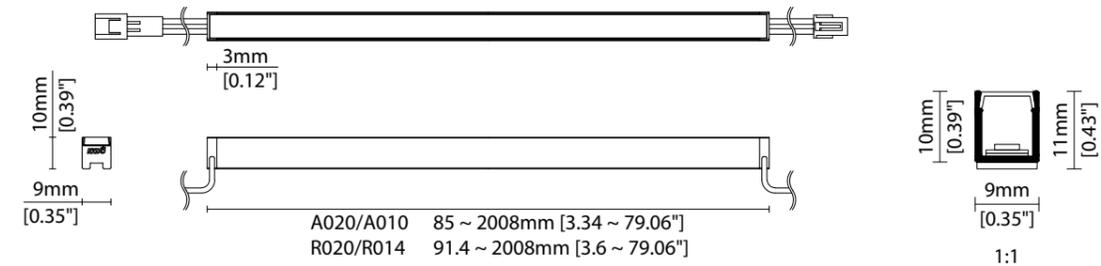


## Housing Data

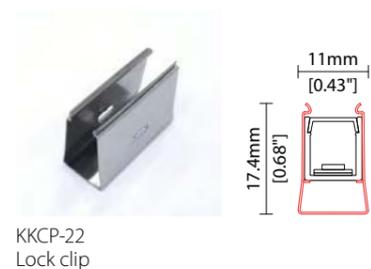
<b>Cover/Optics</b>	Diffused (110°)
<b>CCT</b>	<b>A-line:</b> 2700K/3000K/4000K <b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>A-line:</b> 3-step MacAdam ellipse <b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via 3M tape or clips
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



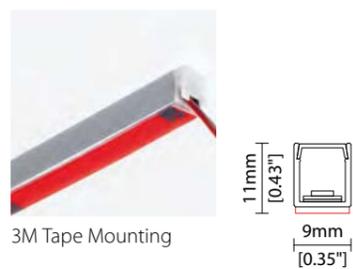
Diffused Cover  
— C0 / C180    - - - C90 / C270  
cd / 1000 lm  
(Based on A020)



**Mounting methods**

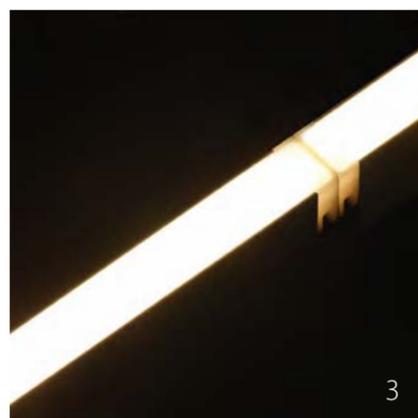
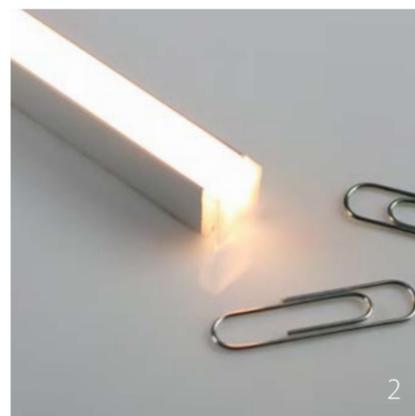
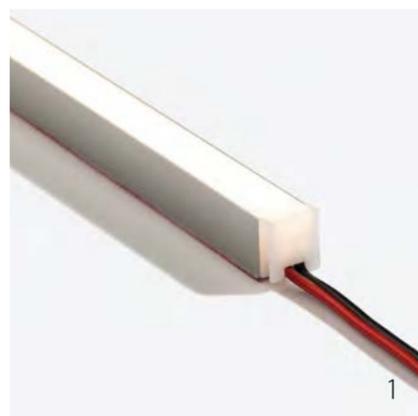


KKCP-22  
Lock clip



3M Tape Mounting

**Detail shots**

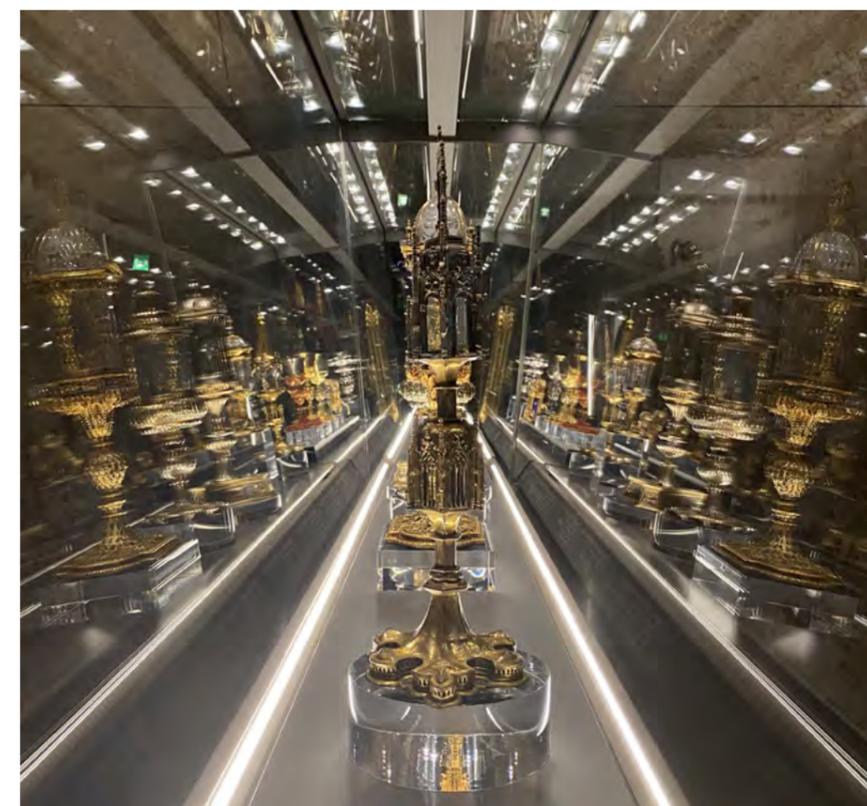


1. End cap with dual cable exits
2. Compact form
3. Glowing end caps end to end
4. Snap-fit diffused cover



**Above**  
**Project:** MIT Museum, Boston  
**Lighting Design:** Tillotson, NYC  
**Photography:** Alex Fradkin  
 KKDC USA

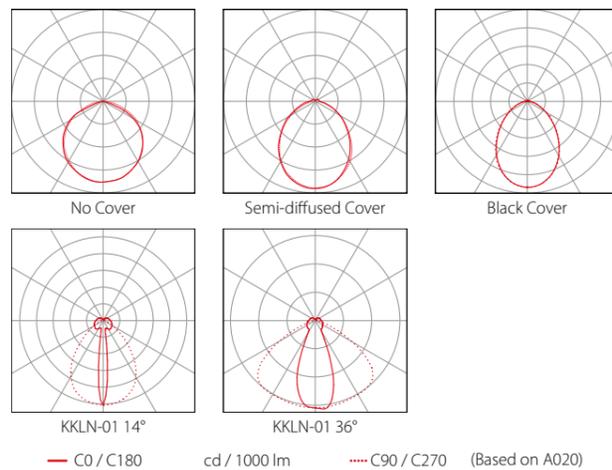
**Right**  
**Project:** Milan Duomo Museum  
**Lighting Design:** Ferrara & Palladino Studio  
 KKDC Italy





## Housing Data

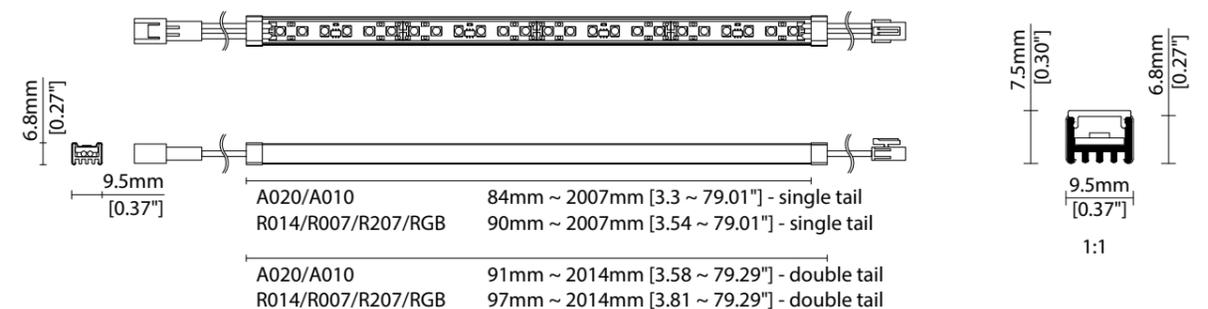
<b>Cover/Optics</b>	No cover (120°)/Semi-diffused (100°)/Black (90°)/KKLN-01 lens (14° or 36°)
<b>CCT</b>	<b>A-line:</b> 2700K/3000K/4000K <b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>A-line:</b> 3-step MacAdam ellipse <b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP20
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via clips
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



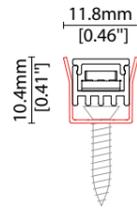
## LED Data (Based on 3000K, A-line/s-line)

	<b>TIMI A020</b>	<b>TIMI A010</b>	<b>TIMI R014</b>	<b>TIMI R007</b>	<b>TIMI R207</b>	<b>TIMI RGB</b>
<b>No Cover</b>	2800lm/m (853lm/ft) 140lm/w	1400lm/m (426lm/ft) 140lm/w	1380lm/m (421lm/ft) 99lm/w	680lm/m (207lm/ft) 97lm/w	1476lm/m (450lm/ft) 92lm/w	Red: 150 (46) Green: 320 (98) Blue: 50 (15) RGB: 460 (140) *
<b>Semi Diffused Cover</b>	2400lm/m (731lm/ft) 120lm/w	1200lm/m (365lm/ft) 120lm/w	1158lm/m (353lm/ft) 83lm/w	567lm/m (173lm/ft) 81lm/w	1204lm/m (369lm/ft) 75lm/w	Red: 120 (37) Green: 270 (82) Blue: 40 (12) RGB: 390 (119) *
<b>14° (KKLN-01)</b>	2394lm/m (730lm/ft) 123lm/w	1232lm/m (376lm/ft) 123lm/w	1232lm/m (375lm/ft) 88lm/w	601lm/m (183lm/ft) 86lm/w	1272lm/m (388lm/ft) 80lm/w	Red: 140 (43) Green: 300 (91) Blue: 50 (15) RGB: 440 (140) *
<b>36° (KKLN-01)</b>	2516lm/m (767lm/ft) 130lm/w	1300lm/m (396lm/ft) 130lm/w	1190lm/m (363lm/ft) 90lm/w	616lm/m (188lm/ft) 88lm/w	1323lm/m (403lm/ft) 83lm/w	Red: 140 (43) Green: 300 (91) Blue: 50 (15) RGB: 430 (131) *
<b>Black Cover</b>	n/a	n/a	470lm/m (143m/ft) 36lm/w	242lm/m (74lm/ft) 35lm/w	539lm/m (164lm/ft) 34lm/w	Red: 40 (12) Green: 85 (26) Blue: 13 (4) RGB: 125 (38) *
<b>Wattage</b>	20W/m (6.1W/ft)	10W/m (3.05W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	16W/m (4.88W/ft)	15.6W/m (4.75W/ft)
<b>Dimension</b>	H6.8/W9.5/ L91-2014mm (H0.27/W0.37/ L3.58-79.29") (Double tail)	H6.8/W9.5/ L91-2014mm (H0.27/W0.37/ L3.58-79.29") (Double tail)	H6.8/W9.5/ L97-2014mm (H0.27/W0.37/ L3.81-79.29") (Double tail)	H6.8/W9.5/ L97-2014mm (H0.27/W0.37/ L3.81-79.29") (Double tail)	H6.8/W9.5/ L97-2014mm (H0.27/W0.37/ L3.81-79.29") (Double tail)	H6.8/W9.5/ L97-2014mm (H0.27/W0.37/ L3.81-79.29") (Double tail)
	H6.8/W9.5/ L84-2007mm (H0.27/W0.37/ L3.3-79.01") (Single tail)	H6.8/W9.5/ L84-2007mm (H0.27/W0.37/ L3.3-79.01") (Single tail)	H6.8/W9.5/ L90-2007mm (H0.27/W0.37/ L3.54-79.01") (Single tail)	H6.8/W9.5/ L90-2007mm (H0.27/W0.37/ L3.54-79.01") (Single tail)	H6.8/W9.5/ L90-2007mm (H0.27/W0.37/ L3.54-79.01") (Single tail)	H6.8/W9.5/ L90-2007mm (H0.27/W0.37/ L3.54-79.01") (Single tail)
<b>PCB Cut-point</b>	38.46mm (1.51")	38.46mm (1.51")	41.7mm (1.64")	41.7mm (1.64")	83.3mm (3.28")	83.3mm (3.28")
<b>LED Pitch</b>	4.8mm - 208LED/m (0.19" - 64LED/ft)	4.8mm - 208LED/m (0.19" - 64LED/ft)	6.95mm - 144LED/m (0.27" - 44LED/ft)	6.95mm - 144LED/m (0.27" - 44LED/ft)	13.9mm - 144LED/m (0.55" - 44LED/ft)	13.9mm - 72LED/m (0.55" - 22LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 82°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 75°C)	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 78.6°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 70°C)	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 73.3°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 80°C)

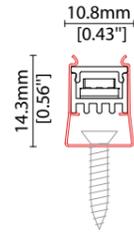
\*(lm/m (lm/ft))



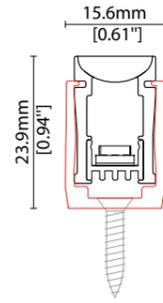
## Mounting methods



KKCP-01  
Standard clip

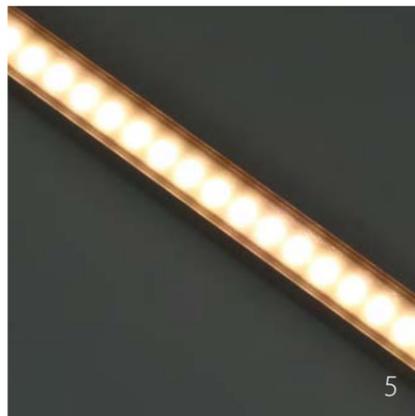
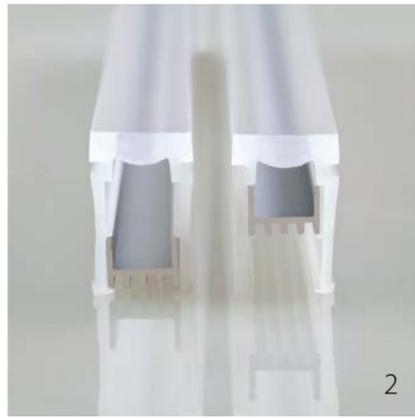


KKCP-13  
Lock clip

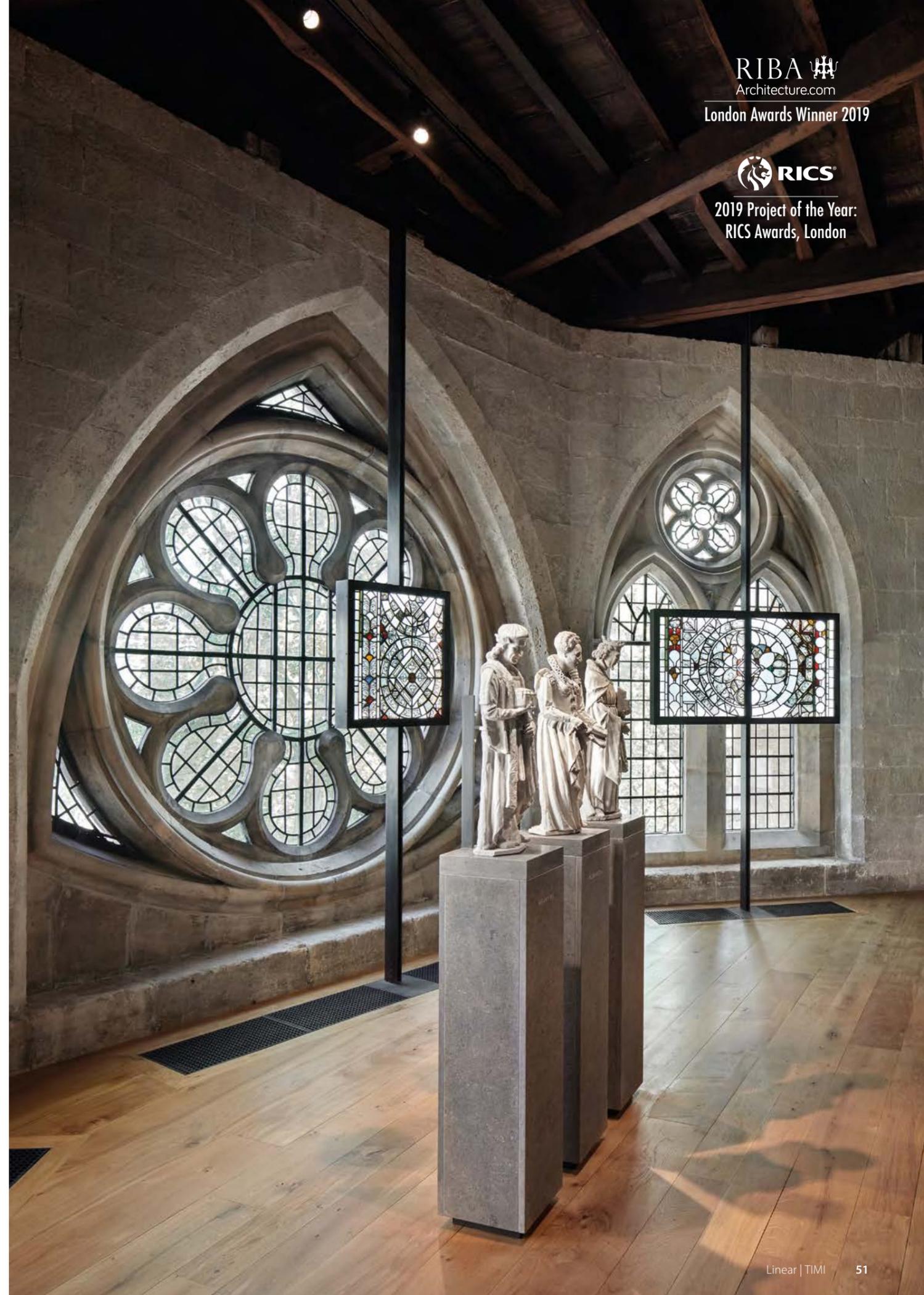


KKCP-05  
Lens lock clip

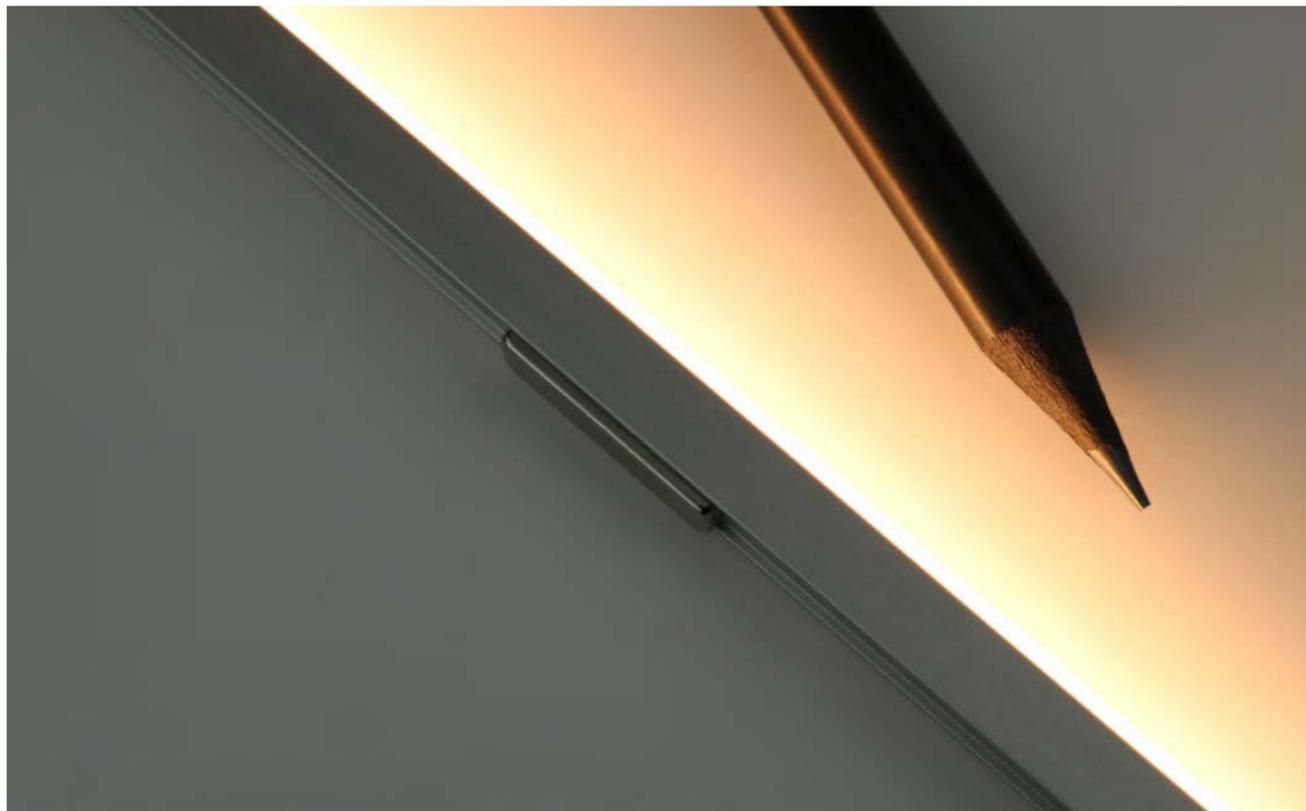
## Detail shots



1. With and without diffused cover
2. 14 & 36° KKLN-01 lens positions
3. Black and white cover options
4. Cable exit end clamp
5. Semi-diffused black cover

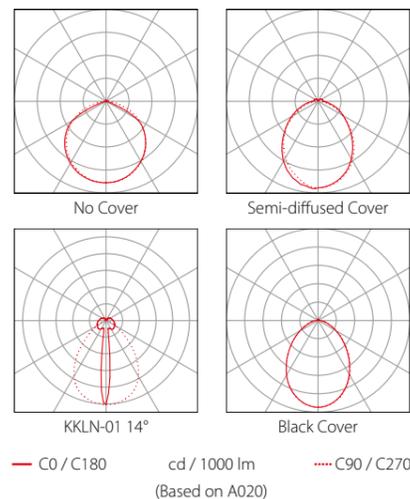


**Project:** The Queen's Diamond Jubilee Galleries, Westminster, London  
**Lighting design:** DHA Designs  
**Photography:** Alan Williams  
 KKDC England



## Housing Data

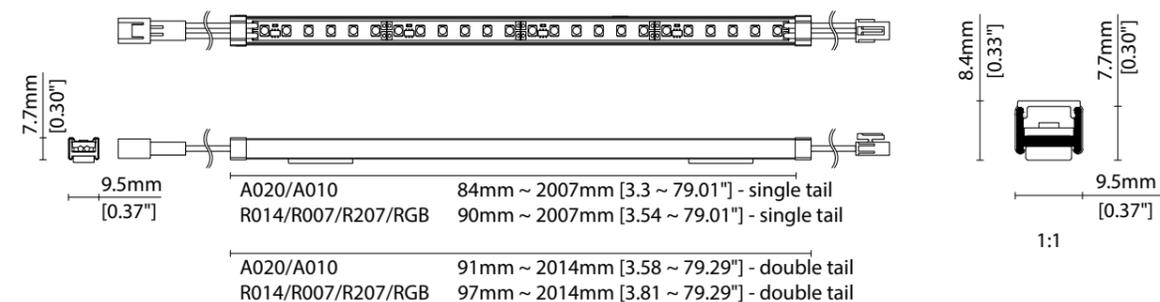
<b>Cover/Optics</b>	No cover (120°)/Semi-diffused (100°)/Black (90°)/KKLN-01D lens (14°)
<b>CCT</b>	<b>A-line:</b> 2700K/3000K/4000K <b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>A-line:</b> 3-step MacAdam ellipse <b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP20
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via magnet
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



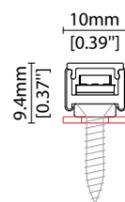
## LED Data (Based on 3000K, A-line/s-line)

	<b>TIMI-M A020</b>	<b>TIMI-M A010</b>	<b>TIMI-M R014</b>	<b>TIMI-M R007</b>	<b>TIMI-M R207</b>	<b>TIMI-M RGB</b>
<b>No Cover</b>	2800lm/m (853lm/ft) 140lm/w	1400lm/m (426lm/ft) 140lm/w	1380lm/m (421lm/ft) 99lm/w	690lm/m (210lm/ft) 99lm/w	1577lm/m (481lm/ft) 99lm/w	Red: 150 (46) Green: 320 (98) Blue: 50 (15) RGB: 460 (140) *
<b>Semi Diffused Cover</b>	2400lm/m (731lm/ft) 120lm/w	1200lm/m (365lm/ft) 120lm/w	1158lm/m (353lm/ft) 83lm/w	564lm/m (172lm/ft) 81lm/w	1289lm/m (393lm/ft) 81lm/w	Red: 120 (37) Green: 270 (82) Blue: 40 (12) RGB: 390 (119) *
<b>14° Lens accessory (KKLN-01)</b>	2460lm/m (750lm/ft) 123lm/w	1240lm/m (378lm/ft) 124lm/w	1220lm/m (372lm/ft) 87lm/w	594lm/m (181lm/ft) 85lm/w	1357lm/m (414lm/ft) 85lm/w	Red: 140 (43) Green: 300 (91) Blue: 50 (15) RGB: 440 (140) *
<b>Black Cover</b>	n/a	n/a	490lm/m (149lm/ft) 35lm/w	245lm/m (75lm/ft) 35lm/w	560lm/m (171lm/ft) 35lm/w	Red: 40 (12) Green: 80 (24) Blue: 13 (4) RGB: 120 (37) *
<b>Wattage</b>	20W/m (6.1W/ft)	10W/m (3.05W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	16W/m (4.88W/ft)	15.6W/m (4.75W/ft)
<b>Dimension</b>	H7.7/W9.5/ L91-2014mm (H0.3/W0.37/ L3.58-79.29") (Double tail)	H7.7/W9.5/ L91-2014mm (H0.3/W0.37/ L3.58-79.29") (Double tail)	H7.7/W9.5/ L97-2014mm (H0.3/W0.37/ L3.81-79.29") (Double tail)	H7.7/W9.5/ L97-2014mm (H0.3/W0.37/ L3.81-79.29") (Double tail)	H7.7/W9.5/ L97-2014mm (H0.3/W0.37/ L3.81-79.29") (Double tail)	H7.7/W9.5/ L97-2014mm (H0.3/W0.37/ L3.81-79.29") (Double tail)
	H7.7/W9.5/ L84-2007mm (H0.3/W0.37/ L3.3-79.01") (Single tail)	H7.7/W9.5/ L84-2007mm (H0.3/W0.37/ L3.3-79.01") (Single tail)	H7.7/W9.5/ L90-2007mm (H0.3/W0.37/ L3.54-79.01") (Single tail)	H7.7/W9.5/ L90-2007mm (H0.3/W0.37/ L3.54-79.01") (Single tail)	H7.7/W9.5/ L90-2007mm (H0.3/W0.37/ L3.54-79.01") (Single tail)	H7.7/W9.5/ L90-2007mm (H0.3/W0.37/ L3.54-79.01") (Single tail)
<b>PCB Cut-point</b>	38.46mm (1.51")	38.46mm (1.51")	41.7mm (1.64")	41.7mm (1.64")	83.3mm (3.28")	83.3mm (3.28")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)	4.8mm – 208LED/m (0.19" – 64LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	13.9mm – 144LED/m (0.55" – 44LED/ft)	13.9mm – 72LED/m (0.55" – 22LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 90°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 75°C)	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 78.6°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 70°C)	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 73.3°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 80°C)

\* (lm/m (lm/ft))

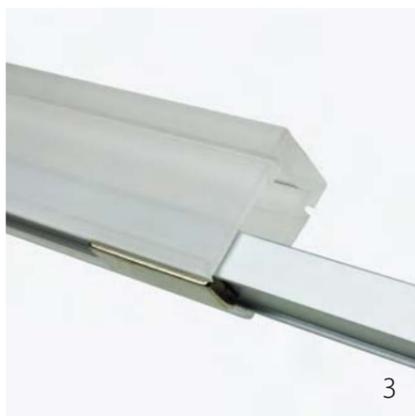
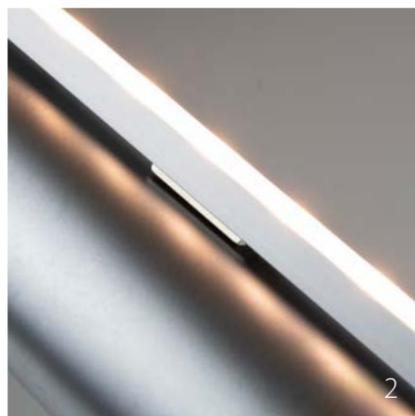


## Mounting methods



KKBK-20  
Magnet & optional steel  
surface plate

## Detail shots



1. With & without snap-fit diffused cover
2. Attached to metallic surface
3. 14° KKLN-01 lens position only
4. Magnet mounting with snap-fit cover
5. White & black semi-diffused cover options



**Project:** San José Airport, USA  
**Lighting Design:** Luca Degano  
**Architect:** Humans since 1982  
**Photography:** John Janca, Courtesy of Humans since 1982  
 KKDC Italy

# TIMI Asymmetric



## LED Data (Based on 3000K)



TIMI Asymmetric AS30

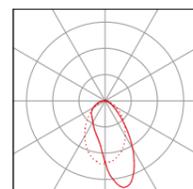


<b>45° (KKLN-A2)</b>	3630lm/m (853lm/ft)  121lm/w
<b>Wattage</b>	30W/m (9.14W/ft)
<b>Dimension</b>	H10.7/W13/L89-1012mm (H0.42/W0.51/L3.50-39.84")
<b>PCB Cut-point</b>	38.46mm (1.51")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 80.1°C)

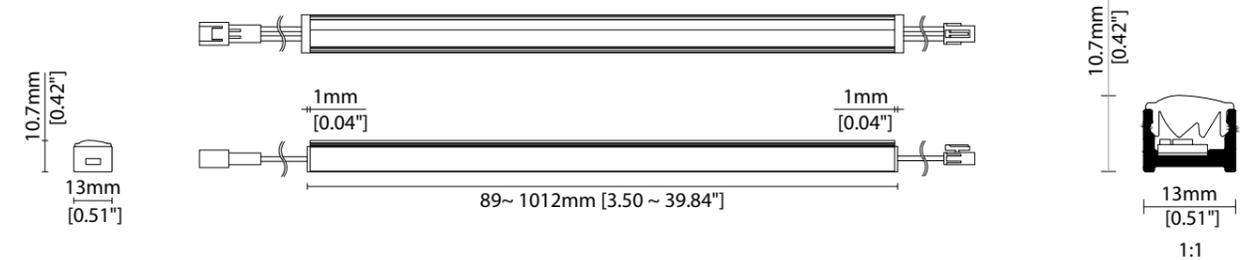


## Housing Data

<b>Cover/Optics</b>	KKLN-A2 Asymmetric lens (45°)
<b>CCT</b>	A-line: 2700K/3000K/4000K
<b>LED binning</b>	A-line: 3-step MacAdam ellipse
<b>CRI</b>	94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via 3M tape or magnet
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



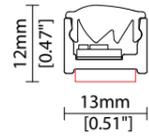
— C0 / C180    - - - C90 / C270  
cd / 1000 lm



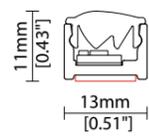
## Mounting methods



Magnet fixing



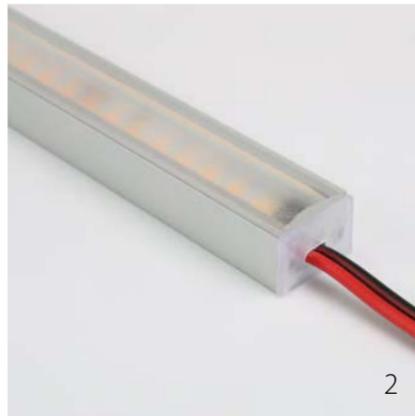
3M Tape fixing



## Detail shots



1

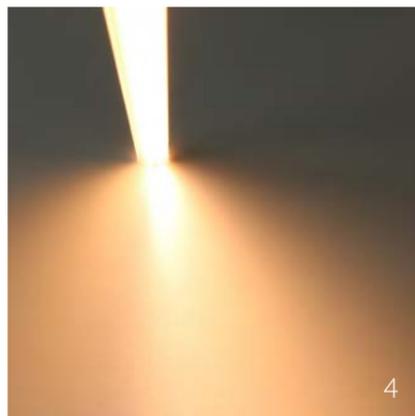


2



3

1. Compact wallwasher lens
2. Clear end cap with cable exit
3. Tightly pitched LED for minimal spotting
4. Asymmetric beam distribution



4



**Project:** Private Residence, Vietnam  
**Lighting Design:** Project Lighting Design Pte Ltd  
 KKDC Singapore



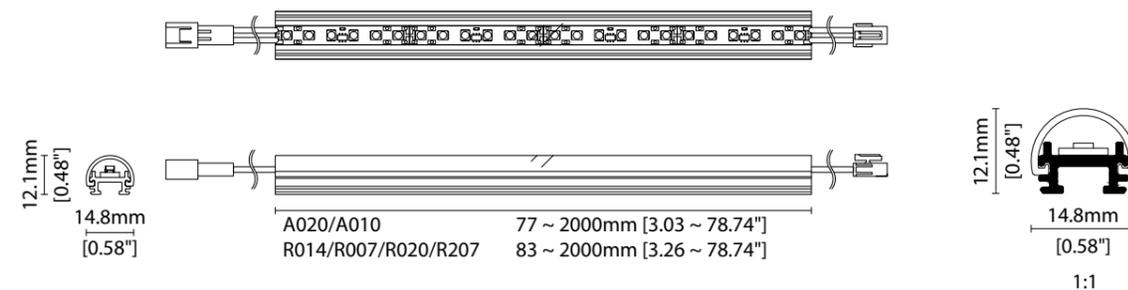
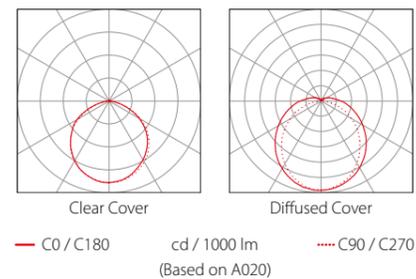
### LED Data (Based on 3000K, A-line/s-line)

	 <b>TIMI-C A020</b>	 <b>TIMI-C A010</b>	 <b>TIMI-C R020</b>	 <b>TIMI-C R014</b>	 <b>TIMI-C R007</b>	 <b>TIMI-C R207</b>
<b>Clear Cover</b>	2660lm/m (810lm/ft)	1330lm/m (405lm/ft)	1844lm/m (562m/ft)	1410lm/m (430m/ft)	697lm/m (213m/ft)	1459lm/m (445m/ft)
	133lm/w	133lm/w	92lm/w	101lm/w	100lm/w	92lm/w
<b>Diffused Cover</b>	2320lm/m (707lm/ft)	1160lm/m (353lm/ft)	1590lm/m (485m/ft)	1232lm/m (375m/ft)	601lm/m (183m/ft)	1255lm/m (383m/ft)
	116lm/w	116lm/w	80lm/w	88lm/w	86lm/w	78lm/w
<b>Wattage</b>	20W/m (6.1W/ft)	10W/m (3.05W/ft)	20W/m (6.1W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	16W/m (4.88W/ft)
<b>Dimension</b>	H12.1/W14.8/ L77-2000mm (H0.48/W0.58/ L3.03-78.74")	H12.1/W14.8/ L77-2000mm (H0.48/W0.58/ L3.03-78.74")	H12.1/W14.8/ L83-2000mm (H0.48/W0.58/ L3.26-78.74")	H12.1/W14.8/ L83-2000mm (H0.48/W0.58/ L3.26-78.74")	H12.1/W14.8/ L83-2000mm (H0.48/W0.58/ L3.26-78.74")	H12.1/W14.8/ L83-2000mm (H0.48/W0.58/ L3.26-78.74")
<b>PCB Cut-point</b>	38.46mm (1.51")	38.46mm (1.51")	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")	83.3mm (3.28")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)	4.8mm – 208LED/m (0.19" – 64LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	13.9mm – 144LED/m (0.55" – 44LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 71.1°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 71.1°C)	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 73.6°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 68°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 66°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 68°C)



### Housing Data

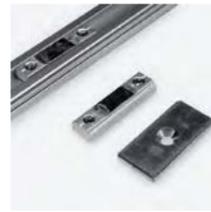
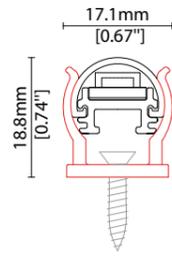
<b>Cover/Optics</b>	Clear (110°)/Diffused (125°)
<b>CCT</b>	<b>A-line:</b> 2700K/3000K/4000K <b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>A-line:</b> 3-step MacAdam ellipse <b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP20
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via clips or magnets
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



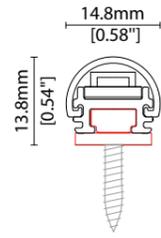
## Mounting methods



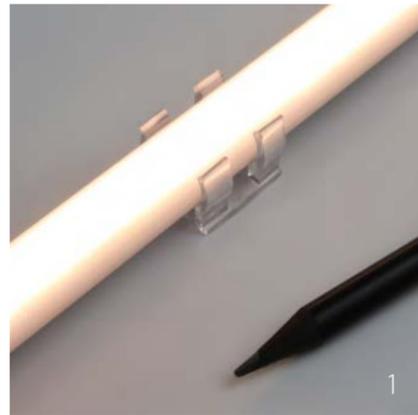
TCFC-01  
Clear plastic clip



TCMS-01  
Magnetic fixing set



## Detail shots



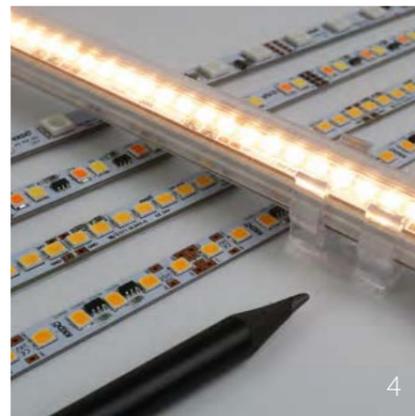
1



2



3



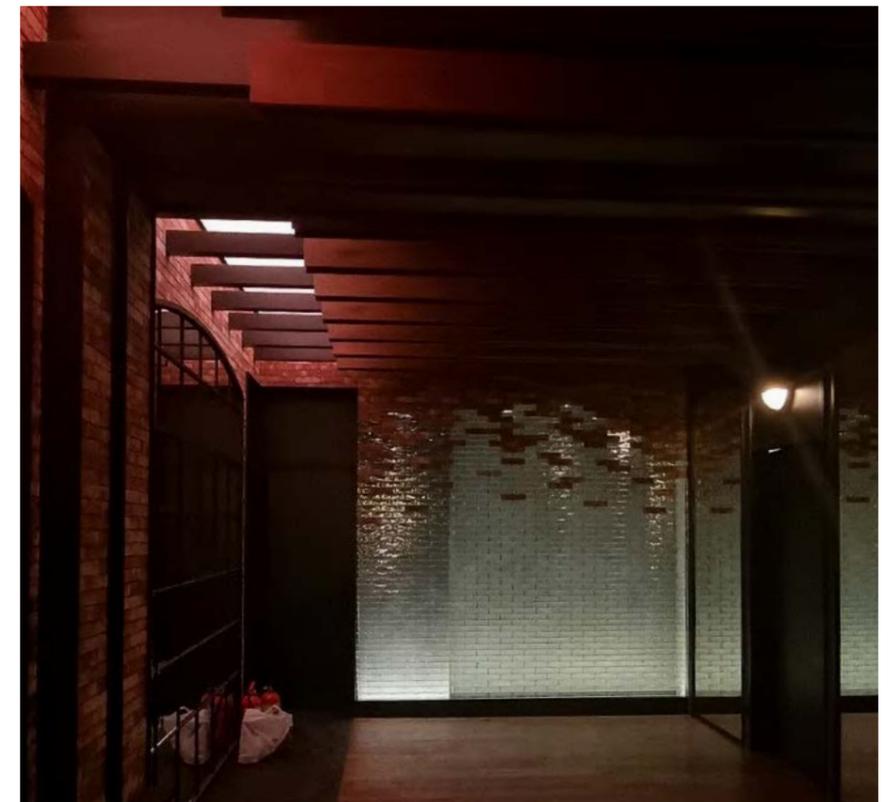
4

1. Rotational surface clip
2. Clear dust cover
3. Fully diffused cover
4. Clear cover and clip with range of LED options



**Above**  
**Project:** Retail Store, Edinburgh  
**Lighting Design:** DPA Lighting Consultants London  
 KKDC England

**Right**  
**Project:** COCONE Seoul  
**Lighting Design:** Bitzro, Ki Young Ko  
 KKDC Korea

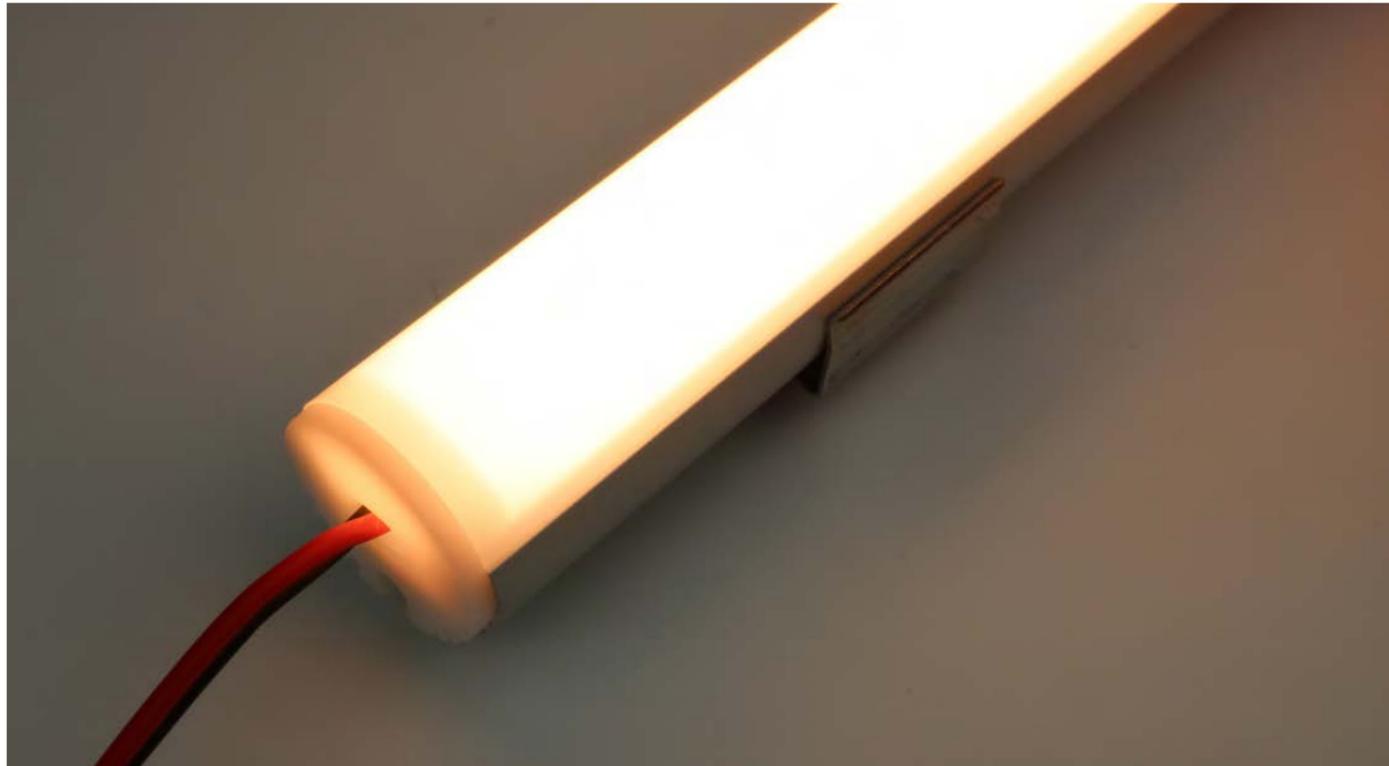


# TIMI-D

TIMI-D



View online



## LED Data (Based on 3000K)



TIMI-D A030

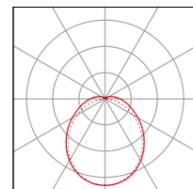
A-

<b>Diffused</b>	2820lm/m (859lm/ft) 94lm/W
<b>Wattage</b>	30W/m (9.14W/ft)
<b>Dimension</b>	H20.3/W20.4/L91-2014mm (H0.80/W0.80/L3.58-79.29")
<b>PCB Cut-point</b>	38.46mm (1.51")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 80.1°C)

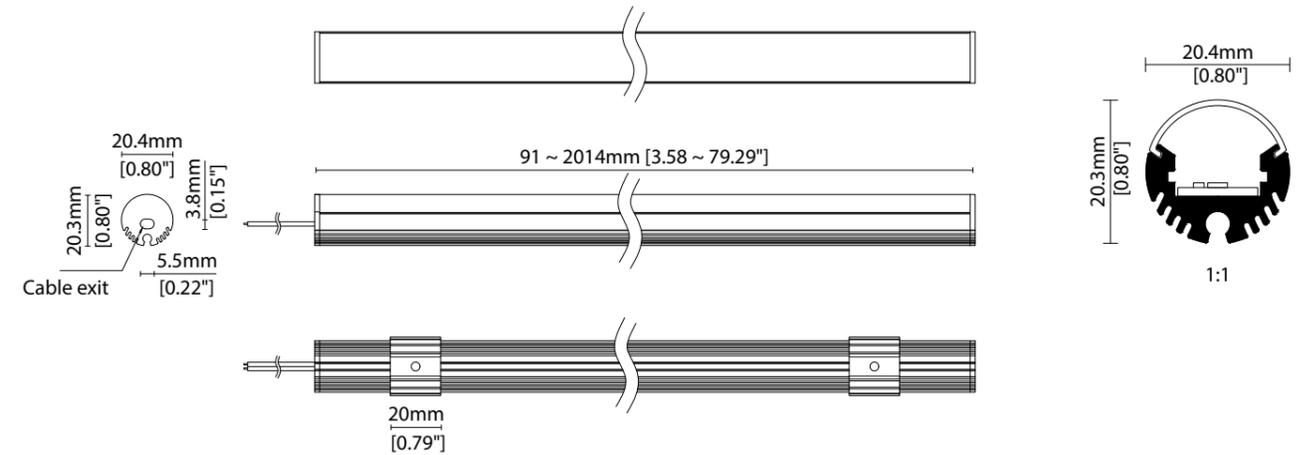


## Housing Data

<b>Cover/Optics</b>	Diffused (130°)
<b>CCT</b>	A-line: 2700K/3000K/4000K
<b>LED binning</b>	A-line: 3-step MacAdam ellipse
<b>CRI</b>	94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via clips
<b>Power feed</b>	Single no sheath tail
<b>Control</b>	0-10V/1-10V/DMX/DALI



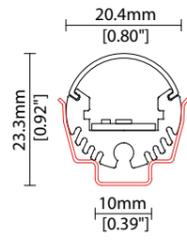
— C0 / C180 — C90 / C270  
cd / 1000 lm



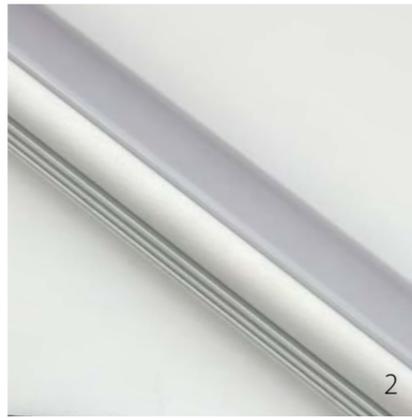
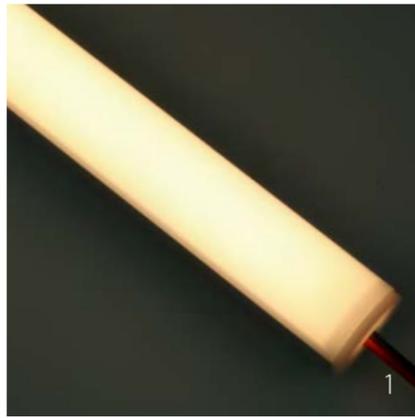
## Mounting methods



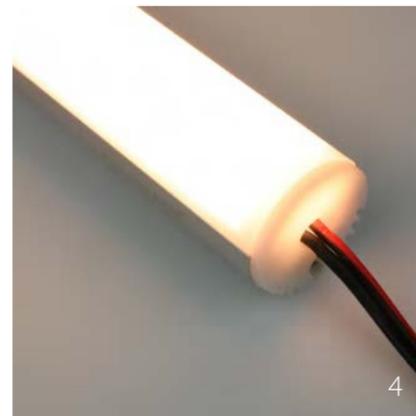
KKCP-21  
Stainless steel clip



## Detail shots



1. Fully diffused 180° cover
2. Cylindrical heat sink housing design
3. Rotational clip mounting
4. Illuminated end cap with cable exit



# TIMI Cove

TIMI Cove

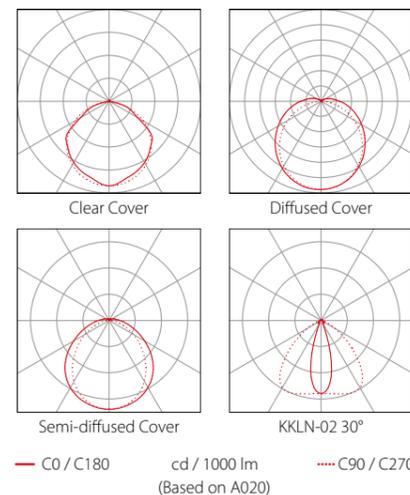


View online



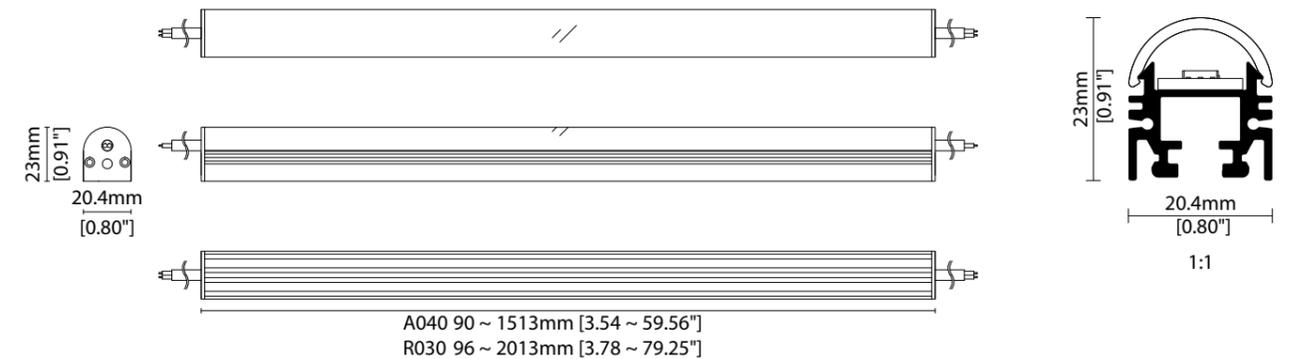
## Housing Data

<b>Cover/Optics</b>	Clear (110°)/Diffused (130°)/Semi-diffused (115°)/KKLN-02 lens (30°)
<b>CCT</b>	<b>A-line:</b> 2700K/3000K/4000K <b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>A-line:</b> 3-step MacAdam ellipse <b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via clips or brackets
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



## LED Data (Based on 3000K, A-line/s-line)

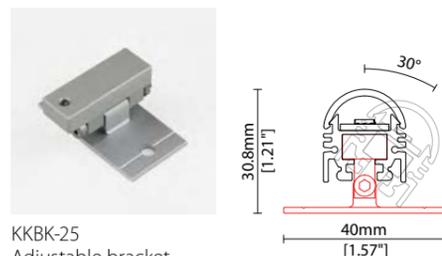
	<b>TIMI Cove A040</b> A-	<b>TIMI Cove R030</b> s-k-
<b>Clear Cover</b>	4800lm/m (1463lm/ft) 120lm/W	2671lm/m (814lm/ft) 89lm/W
<b>Diffused Cover</b>	3080lm/m (939lm/ft) 77lm/W	1685lm/m (514lm/ft) 56lm/W
<b>Semi-Diffused Cover</b>	4600lm/m (1402lm/ft) 115lm/W	2544lm/m (775lm/ft) 85lm/W
<b>30° Lens accessory (KKLN-02)</b>	4560lm/m (1390lm/ft) 114lm/W	2512lm/m (766lm/ft) 84lm/W
<b>Wattage</b>	40W/m (12.19W/ft)	30W/m (9.14W/ft)
<b>Dimension</b>	H23/W20.4/L90-1513mm (H0.91/W0.8/L3.54-59.56") (excluding brackets)	H23/W20.4/L96-2013mm (H0.91/W0.8/L3.78-79.25") (excluding brackets)
<b>PCB Cut-point</b>	38.46mm (1.51")	41.7mm (1.64")
<b>LED Pitch</b>	4.8mm - 208LED/m (0.19" - 64LED/ft)	6.95mm - 144LED/m (0.27" - 44LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 83.2°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 64.7°C)



## Mounting methods

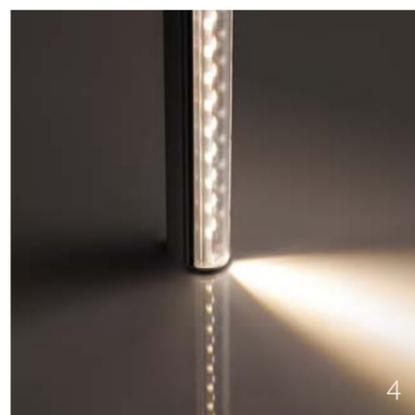


KKCP-11  
Concealed clip



KKBK-25  
Adjustable bracket

## Detail shots

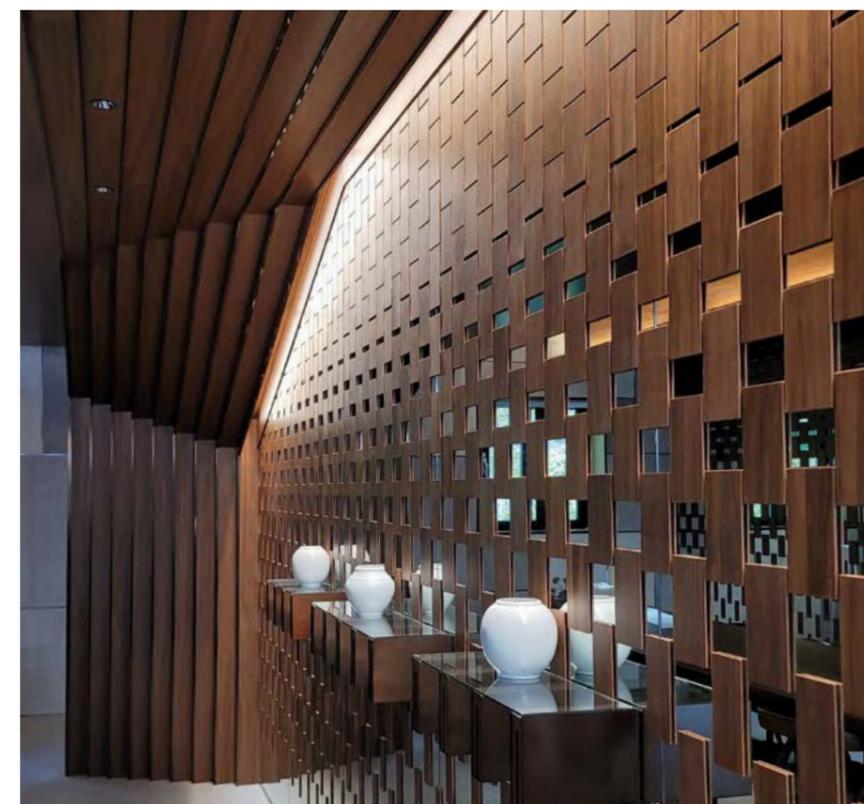


1. Fully diffused cover
2. Lens and cover options
3. Stainless steel screw-fit end cap
4. 30° lens beam distribution

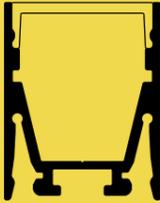
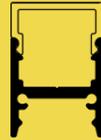
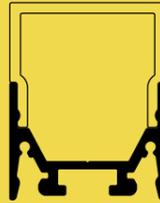
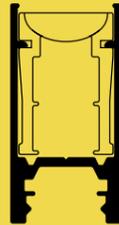
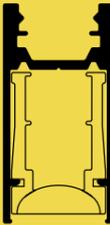
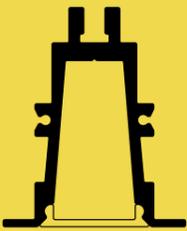
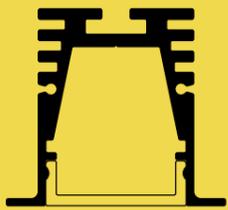


**Above**  
Project: Private Residence, Vietnam  
Lighting Design: Project Lighting Design Pte Ltd  
KKDC Singapore

**Right**  
Project: COCONE Seoul  
Lighting Design: Bitzro, Ki Young Ko  
KKDC Korea



## 02. LINI Series

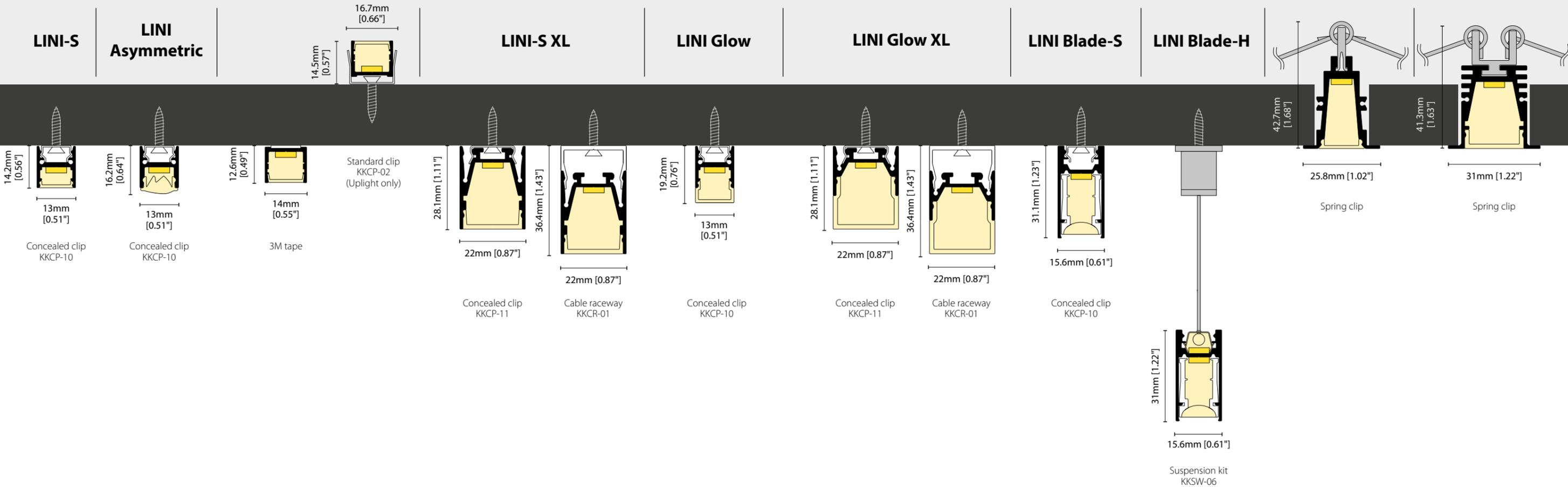
 <p>LINI-S</p> <p><b>76</b></p>	 <p>LINI Asymmetric</p> <p><b>80</b></p>	 <p>LINI-S Glow</p> <p><b>84</b></p>
 <p>LINI-S XL</p> <p><b>88</b></p>	 <p>LINI Glow</p> <p><b>92</b></p>	 <p>LINI Glow XL</p> <p><b>96</b></p>
	 <p>LINI Blade-S</p> <p><b>100</b></p>	 <p>LINI Blade-H</p> <p><b>104</b></p>
 <p>LINI-R</p> <p><b>108</b></p>	 <p>LINI-R XL</p> <p><b>112</b></p>	

\*Profile drawings are 1:1 scale

Interior range of compact linear LED aluminium profiles with surface, recessed or suspension mounting options available and featuring fully diffused push fit PMMA covers or lensed variants.

# LINI

## LINI-S Glow



	LINI-S					LINI Asymmetric	LINI-S Glow					LINI-S XL					LINI Glow		LINI Glow XL					LINI Blade-S					LINI Blade-H			LINI-R					LINI-R XL									
LED	R020	R014	R007	R207	RGB	AS30	A030	209	RGBW	A040	R020	R014	R007	R207	RGBW	RGB	R020	R014	A040	R020	R014	R007	R207	RGBW	RGB	R020	R014	R007	R207	RGB	R020	R014	R007	R020	R014	R007	R207	RGB	A040	R020	R014	R007	R207	RGBW	RGB	
W/m	20W	14W	7W	16W	15.6W	30W	30W	25W	20W	40W	20W	14W	7W	16W	20W	15.6W	20W	14W	40W	20W	14W	7W	16W	20W	15.6W	20W	14W	7W	16W	15.6W	26.1W	26.3W	24.5W	20W	14W	7W	16W	15.6W	40W	20W	14W	7W	16W	20W	15.6W	
Line																																														
IP																																														
IP20																																														
IP40	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
Clear	■	■	■	■	■					■	■	■	■	■	■	■																														
Diffused	■	■	■	■	■					■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
Asymmetric lens						■																																								
14°																															■	■	■													
15°																															■	■	■	■	■											
46°																															■	■	■	■	■											



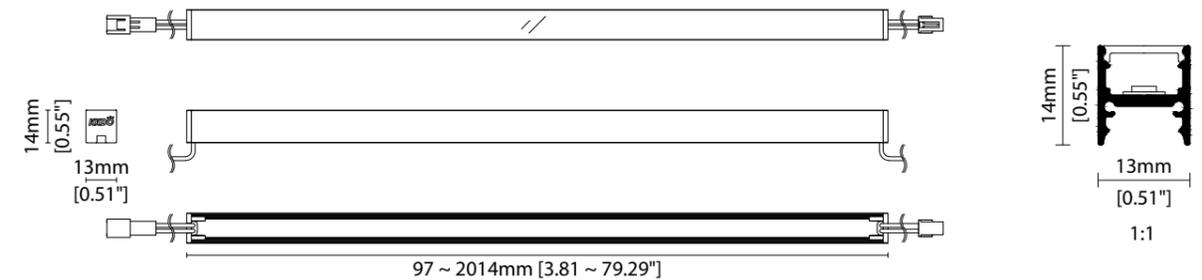
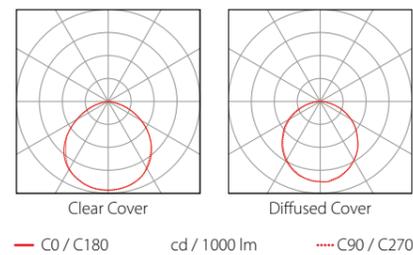
### LED Data (Based on 3000K, s-line)

	LINI-S R020	LINI-S R014	LINI-S R007	LINI-S R207	LINI-S RGB
<b>Clear Cover</b>	1632lm/m (498lm/ft) 82lm/W	1158lm/m (353lm/ft) 83lm/W	564lm/m (172lm/ft) 81lm/W	1323lm/m (403lm/ft) 83lm/W	Red: 134lm/m (41lm/ft) Green: 284lm/m (87lm/ft) Blue: 46lm/m (14lm/ft) RGB: 423lm/m (129lm/ft)
<b>Diffused Cover</b>	1208lm/m (368lm/ft) 60lm/W	876lm/m (267lm/ft) 63lm/W	438lm/m (133lm/ft) 63lm/W	984lm/m (300lm/ft) 62lm/W	Red: 94lm/m (29lm/ft) Green: 202lm/m (68lm/ft) Blue: 33lm/m (10lm/ft) RGB: 292lm/m (89lm/ft)
<b>Wattage</b>	20W/m (6.10W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	16W/m (4.88W/ft)	15.6W/m (4.75W/ft)
<b>Dimension</b>	H14/W13/L97-2014mm (H0.55/W0.51/L3.81-79.29")				
<b>PCB Cut-point</b>	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")	83.3mm (3.28")	83.3mm (3.28")
<b>LED Pitch</b>	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	13.9mm – 144LED/m (0.55" – 44LED/ft)	13.9mm – 72LED/m (0.55" – 22LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 78°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 73°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 70°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 76°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 76°C)

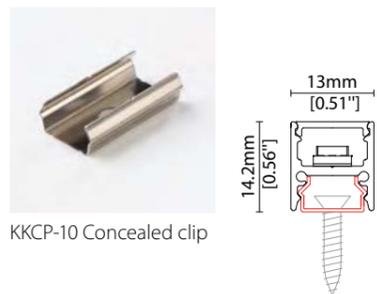


### Housing Data

<b>Cover/Optics</b>	Clear (105°)/Diffused (110°)
<b>CCT</b>	<b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥95
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via concealed clips
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



**Mounting methods**

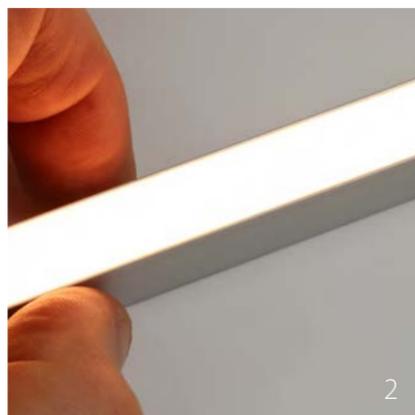


KKCP-10 Concealed clip

**Detail shots**



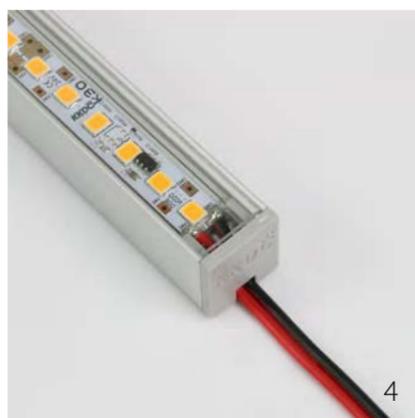
1



2

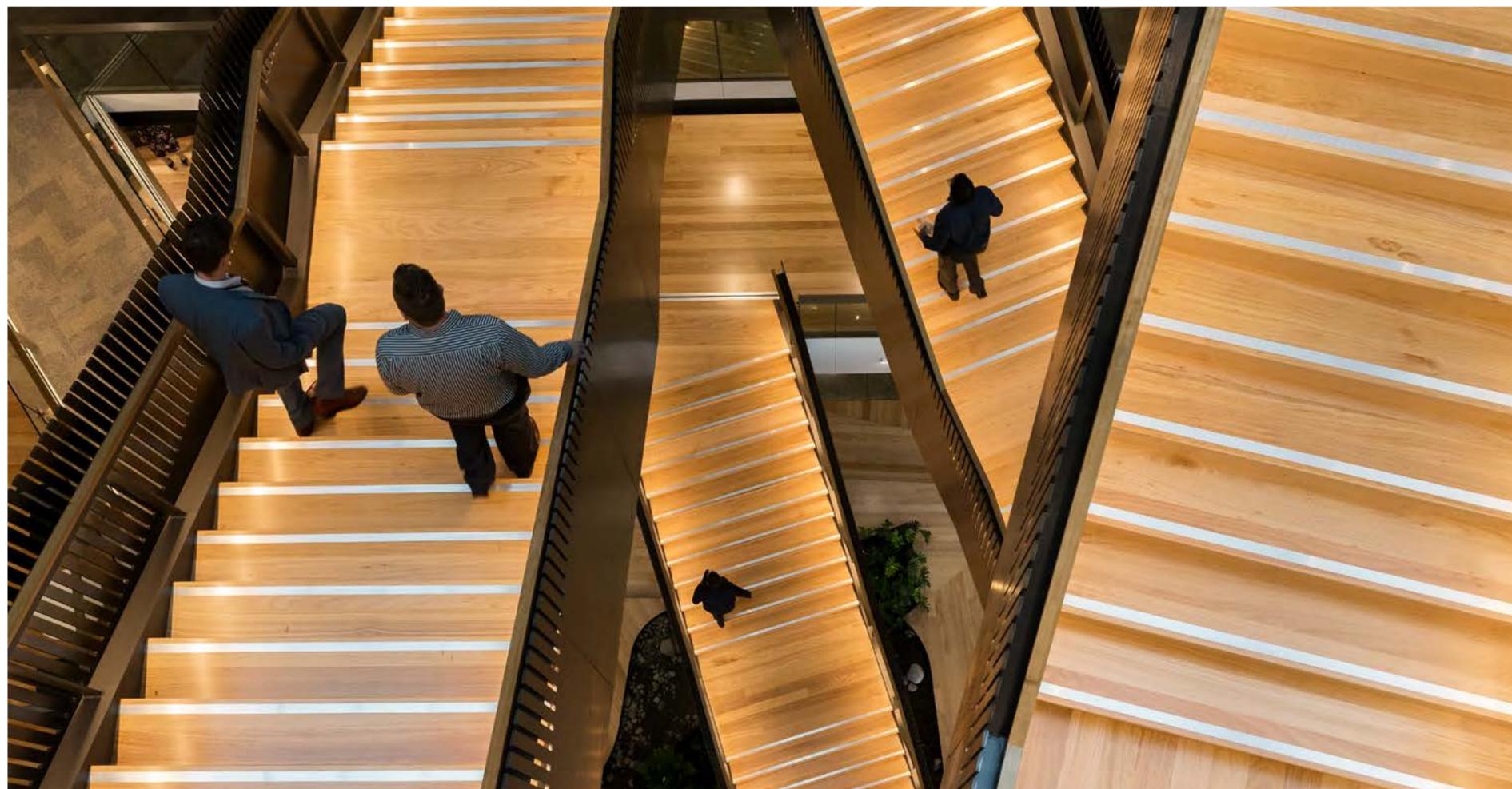


3



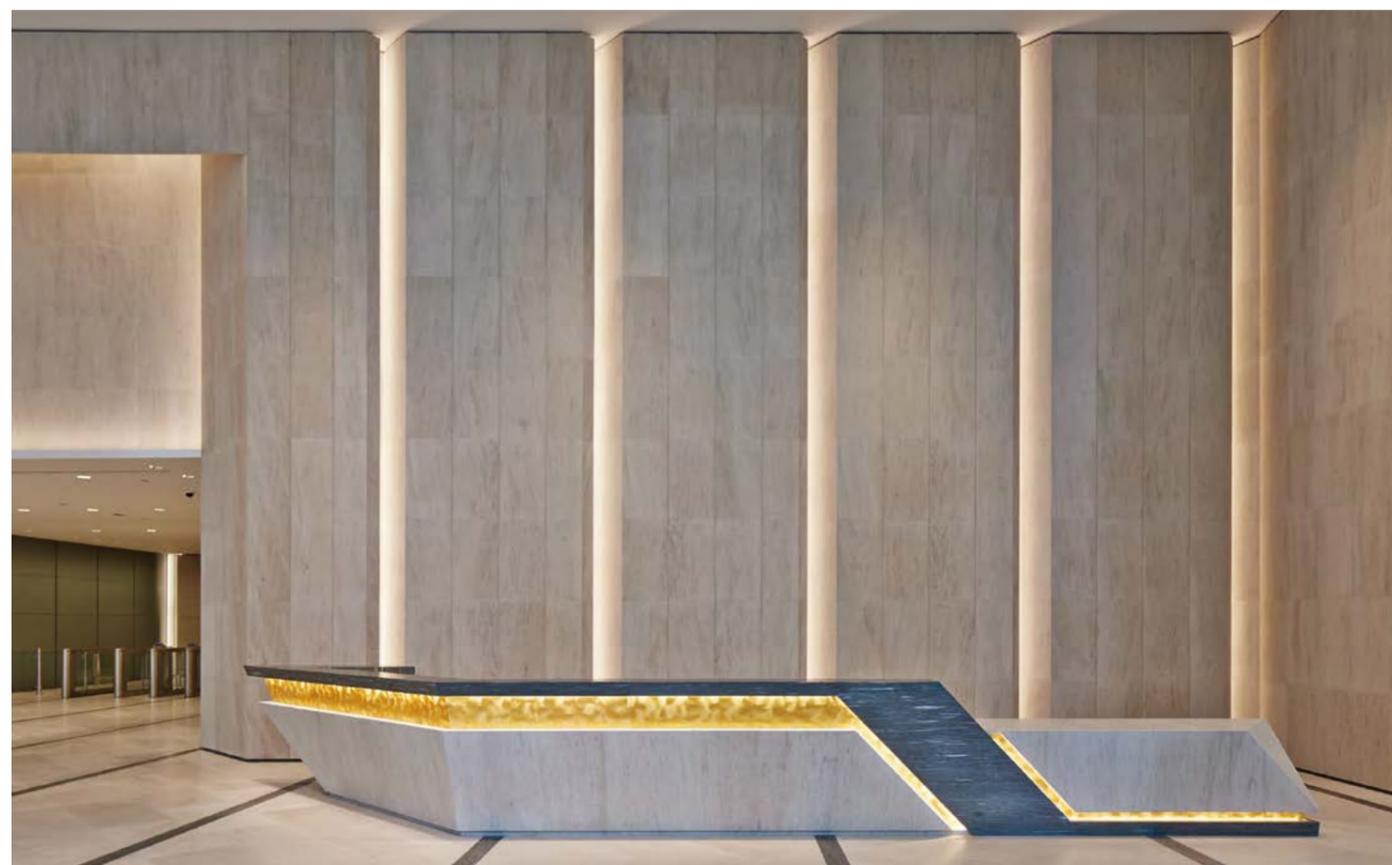
4

- 1. Concealed clip & cable space
- 2. Fully diffused illuminated cover
- 3. Illuminated with clear cover
- 4. Cable exit end cap option

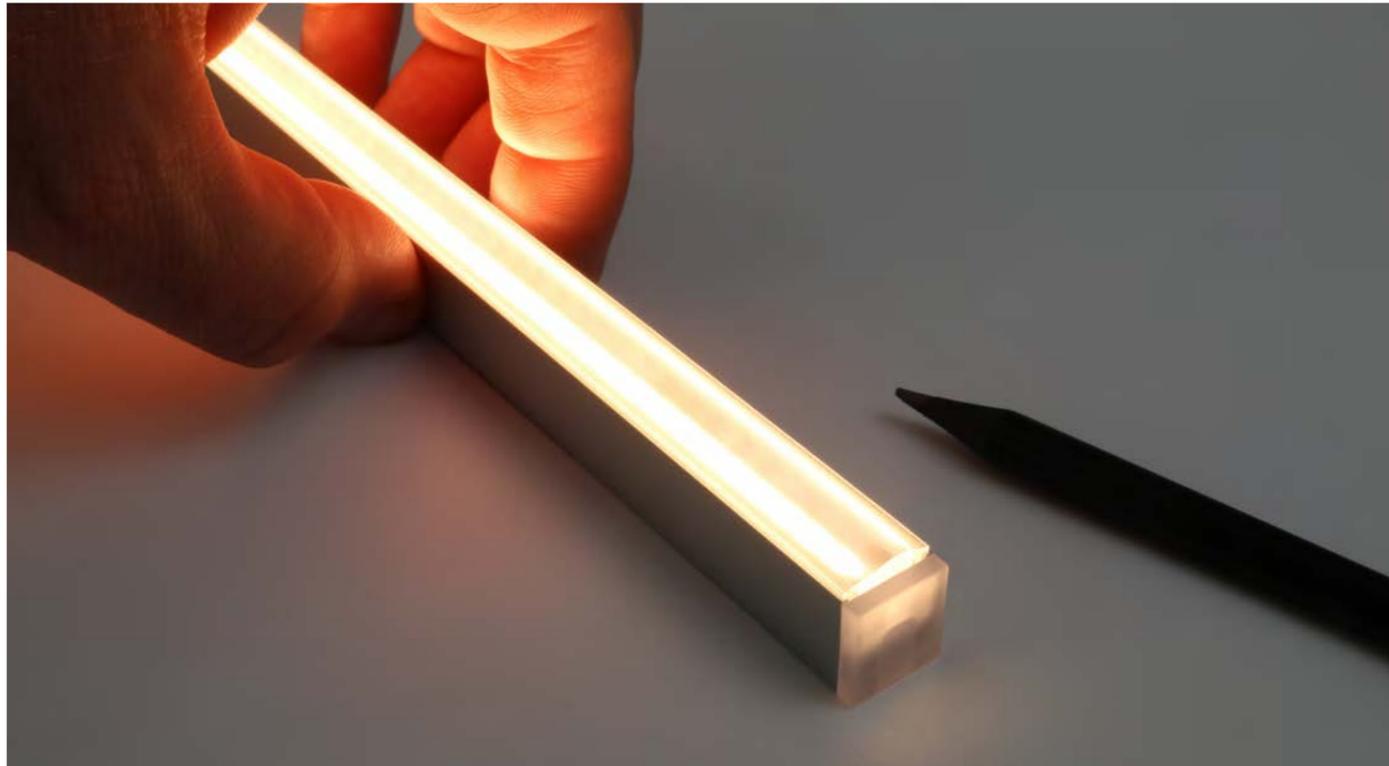


**Above**  
**Project:** The Fonterra Centre, Auckland  
**Lighting Design:** Beca  
**Photography:** Simon Devitt  
 KKDC New Zealand

**Right**  
**Project:** BP4 Canary Wharf, London  
**Lighting Design:** PJC Light Studio  
**Architect:** Kohn Pedersen Fox Associates  
**Photography:** GG Archard  
 KKDC England



# LINI Asymmetric



## LED Data (Based on 3000K)



LINI Asymmetric AS30

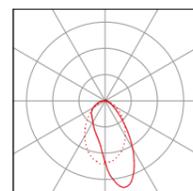


<b>KKLN-A2</b>	3630lm/m (853lm/ft) 121lm/w
<b>Wattage</b>	30W/m (9.14W/ft)
<b>Dimension</b>	H16/W13/L93-1016mm (H0.63/W0.51/L3.66-40")
<b>PCB Cut-point</b>	38.46mm (1.51")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 75.1°C)

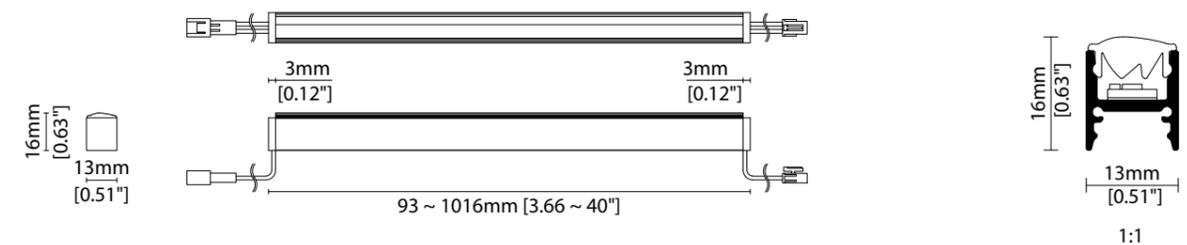


## Housing Data

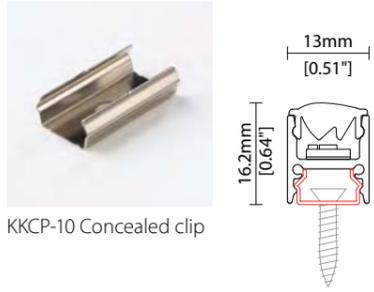
<b>Cover/Optics</b>	KKLN-A2 Asymmetric lens
<b>CCT</b>	A-line: 2700K/3000K/4000K
<b>LED binning</b>	A-line: 3-step MacAdam ellipse
<b>CRI</b>	94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via concealed clips
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



KKLN-A2  
— C0 / C180 — C90 / C270  
cd / 1000 lm

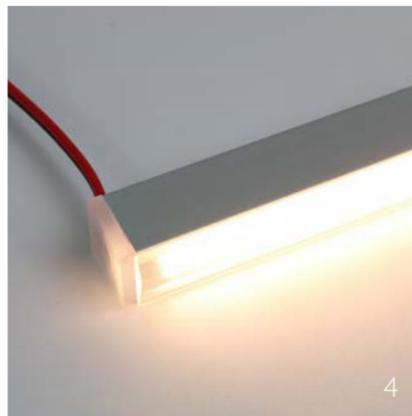
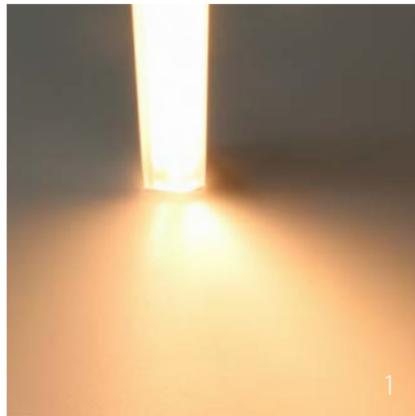


## Mounting methods



KKCP-10 Concealed clip

## Detail shots



1. Asymmetric beam distribution
2. Translucent end cap
3. Concealed clip & cable space
4. Rear cable exit



# LINI-S Glow

LINI-S Glow



View online



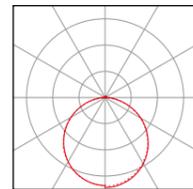
## LED Data (Based on 3000K, A-line/s-line)

	 LINI-S Glow A030	 LINI-S Glow R209	 LINI-S Glow RGBW
<b>Diffused Cover</b>	2010lm/m (613lm/ft) 67lm/W	1130lm/m (345lm/ft) 45lm/W	604lm/m (184lm/ft) 30lm/W
<b>Wattage</b>	30W/m (9.14W/ft)	25W/m (7.62W/ft)	20W/m (6.10W/ft)
<b>Dimension</b>	H12/W14/L88-2011mm (H0.47/W0.55/L3.46-79.17")	H12/W14/L94-2011mm (H0.47/W0.55/L3.70-79.17")	H12/W14/L136-2011mm (H0.47/W0.55/L5.35-79.17")
<b>PCB Cut-point</b>	38.46mm (1.51")	41.7mm (1.64")	62.5mm (2.46")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	10.4mm – 192LED/m (0.41" – 59LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 79.1°C)	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 79.1°C)	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 75.8°C)

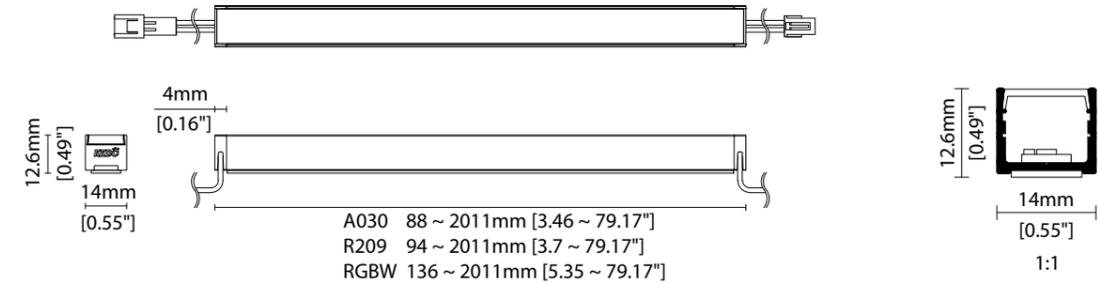


## Housing Data

<b>Cover/Optics</b>	Diffused (110°)
<b>CCT</b>	<b>A-line:</b> 2700K/3000K/4000K <b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>A-line:</b> 3-step MacAdam ellipse <b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Self-adhesive 3M tape/Clips
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



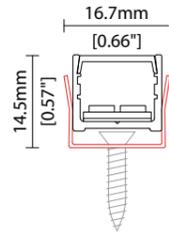
Diffused Cover  
— C0 / C180    - - - C90 / C270  
cd / 1000 lm  
(Based on A030)



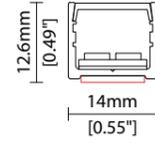
## Mounting methods



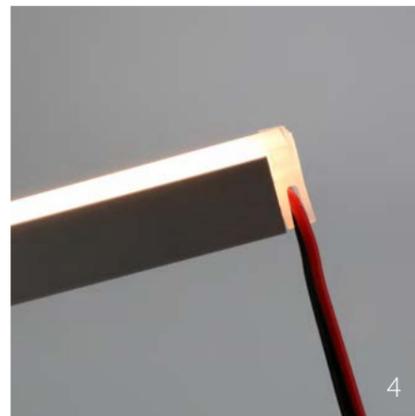
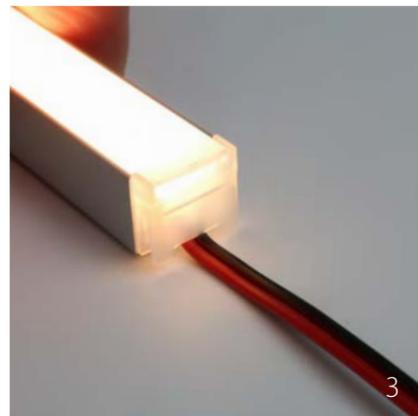
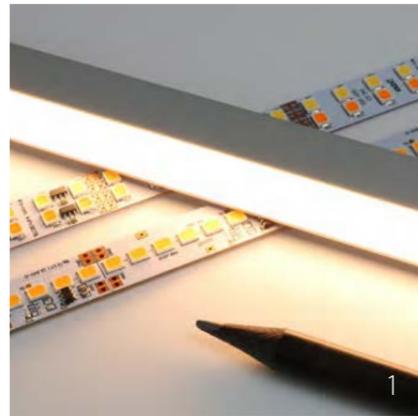
KKCP-02  
Standard clip



3M tape fixing



## Detail shots



1. Fully diffused cover
2. Push-fit cover
3. Translucent end cap
4. End cap with side or front cable exit
5. A030 & R209 LEDmix strip



**Restaurant & Bar  
Design Awards**

Winner 2023  
IN ANOTHER SPACE Category

**Project:** Studio Frantzén at Harrods  
**Lighting Design:** Lighting Design International  
**Interior Design:** Joyn Studio  
**Architect:** Woods Hardwick  
**Photography:** Andrew Beasley/@andrewbeasleyphoto  
 KKDC England

# LINI-S XL

LINI-S XL

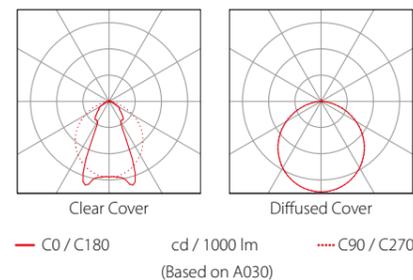


View online



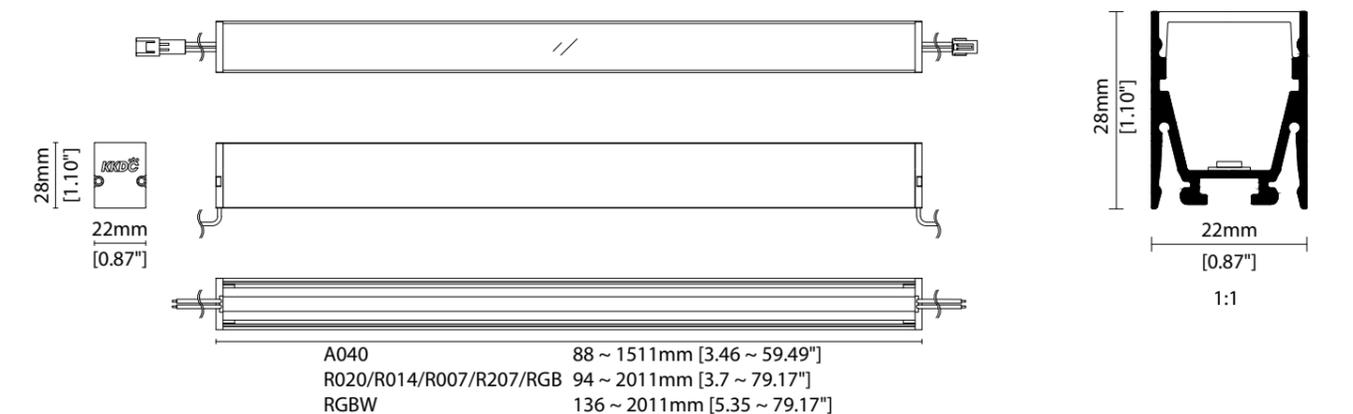
## Housing Data

<b>Cover/Optics</b>	Clear (50°)/Diffused (120°)
<b>CCT</b>	<p><b>A-line:</b> 2700K/3000K/4000K</p> <p><b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber</p> <p><b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K</p>
<b>LED binning</b>	<p><b>A-line:</b> 3-step MacAdam ellipse</p> <p><b>s-line:</b> 2-step MacAdam ellipse</p> <p><b>k-line:</b> 3-step MacAdam ellipse</p>
<b>CRI</b>	≥94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via concealed clips
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



## LED Data (Based on 3000K, A-line/s-line)

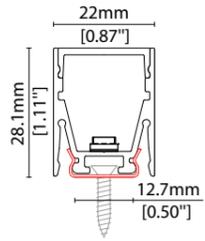
	LINI-S XL A040	LINI-S XL R020	LINI-S XL R014	LINI-S XL R007	LINI-S XL R207	LINI-S XL RGBW	LINI-S XL RGB
<b>Clear Cover</b>	3080lm/m (939lm/ft) 77lm/W	1230lm/m (375lm/ft) 62lm/W	772lm/m (235lm/ft) 55lm/W	423lm/m (129lm/ft) 60lm/W	967lm/m (295lm/ft) 60lm/W	727lm/m (222lm/ft) 36lm/W	Red: 85 (26) Green: 184 (56) Blue: 30 (9) RGB: 267 (81) (lm/m (lm/ft))
<b>Diffused Cover</b>	2120lm/m (646lm/ft) 53lm/W	848lm/m (258lm/ft) 42lm/W	519lm/m (158lm/ft) 37lm/W	289lm/m (88lm/ft) 41lm/W	661lm/m (202lm/ft) 41lm/W	505lm/m (154lm/ft) 25lm/W	Red: 61 (19) Green: 131 (40) Blue: 22 (7) RGB: 189 (58) (lm/m (lm/ft))
<b>Wattage</b>	40W/m (12.19W/ft)	20W/m (6.10W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	16W/m (4.88W/ft)	20W/m (6.10W/ft)	15.6W/m (4.75W/ft)
<b>Dimension</b>	H28/W22/ L88-1511mm (H1.1/W0.87/ L3.46-59.49")	H28/W22/ L94-2011mm (H1.1/W0.87/ L3.70-79.17")	H28/W22/ L94-2011mm (H1.1/W0.87/ L3.70-79.17")	H28/W22/ L94-2011mm (H1.1/W0.87/ L3.70-79.17")	H28/W22/ L94-2011mm (H1.1/W0.87/ L3.70-79.17")	H28/W22/ L136-2011mm (H1.1/W0.87/ L5.35-79.17")	H28/W22/ L94-2011mm (H1.1/W0.87/ L3.70-79.17")
<b>PCB Cut-point</b>	38.46mm (1.51")	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")	83.3mm (3.28")	62.5mm (2.46")	83.3mm (3.28")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	13.9mm – 144LED/m (0.55" – 44LED/ft)	10.4mm – 192LED/m (0.41" – 22LED/ft)	13.9mm – 72LED/m (0.55" – 22LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 86°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 80°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 76°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 63°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 75°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 72°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 76°C)



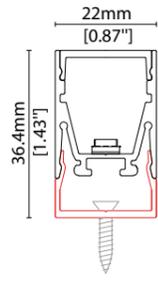
## Mounting methods



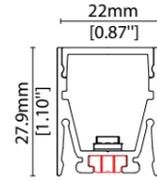
KKCP-11  
Concealed clip



KKCR-01-1000  
Cable raceway (1000mm)  
KKCR-01-2000  
Cable raceway (2000mm)  
KKCR-01-3000  
Cable raceway (3000mm)



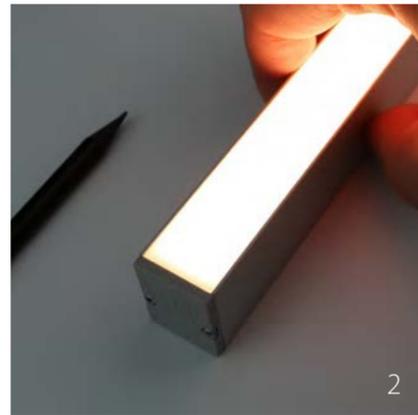
KKJT-02  
Joining bar



## Detail shots



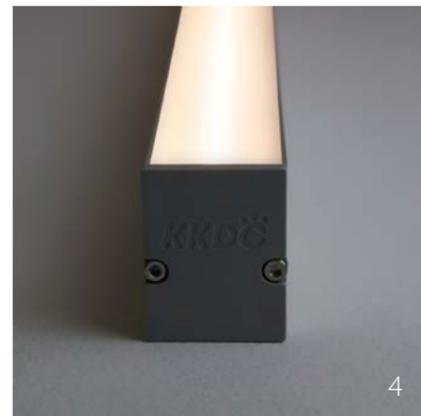
1



2



3



4



5

1. Removable covers
2. Compact interior housing with full diffusion
3. Injection moulded screw fixed end caps
4. Grey end cap with diffused cover
5. Mounting rail with space for wiring



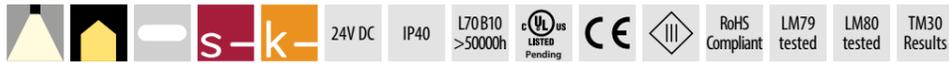
**Project:** 20 Fenchurch Street, London  
**Lighting Design:** MBLD  
**Architect:** Rafael Viñoly  
**Photography:** Jensen and Brill  
 KKDC England



## LED Data (Based on 3000K, s-line)

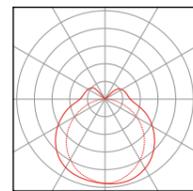


	LINI Glow R020	LINI Glow R014
<b>Diffused Cover</b>	1102lm/m (336lm/ft) 55lm/W	742lm/m (226lm/ft) 53lm/W
<b>Wattage</b>	20W/m (6.10W/ft)	14W/m (4.27W/ft)
<b>Dimension</b>	H19/W13/L97-2014mm (H0.75/W0.51/L3.81-79.29")	H19/W13/L97-2014mm (H0.75/W0.51/L3.81-79.29")
<b>PCB Cut-point</b>	41.7mm (1.64")	41.7mm (1.64")
<b>LED Pitch</b>	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 76°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 69°C)

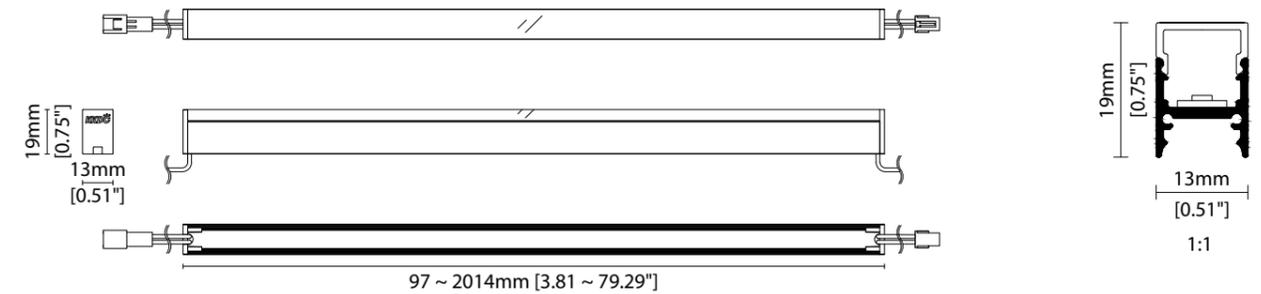


## Housing Data

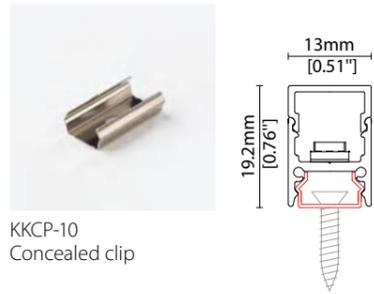
<b>Cover/Optics</b>	Diffused (134°)
<b>CCT</b>	<b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/ 4000K/5000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/ 4000K/5000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥93
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via concealed clips
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



Diffused Cover  
— C0 / C180    - - - C90 / C270  
cd / 1000 lm

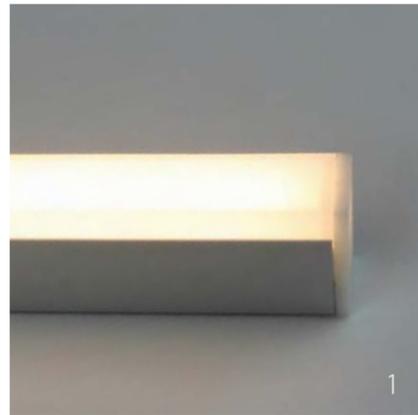


**Mounting methods**



KKCP-10  
Concealed clip

**Detail shots**



1



2

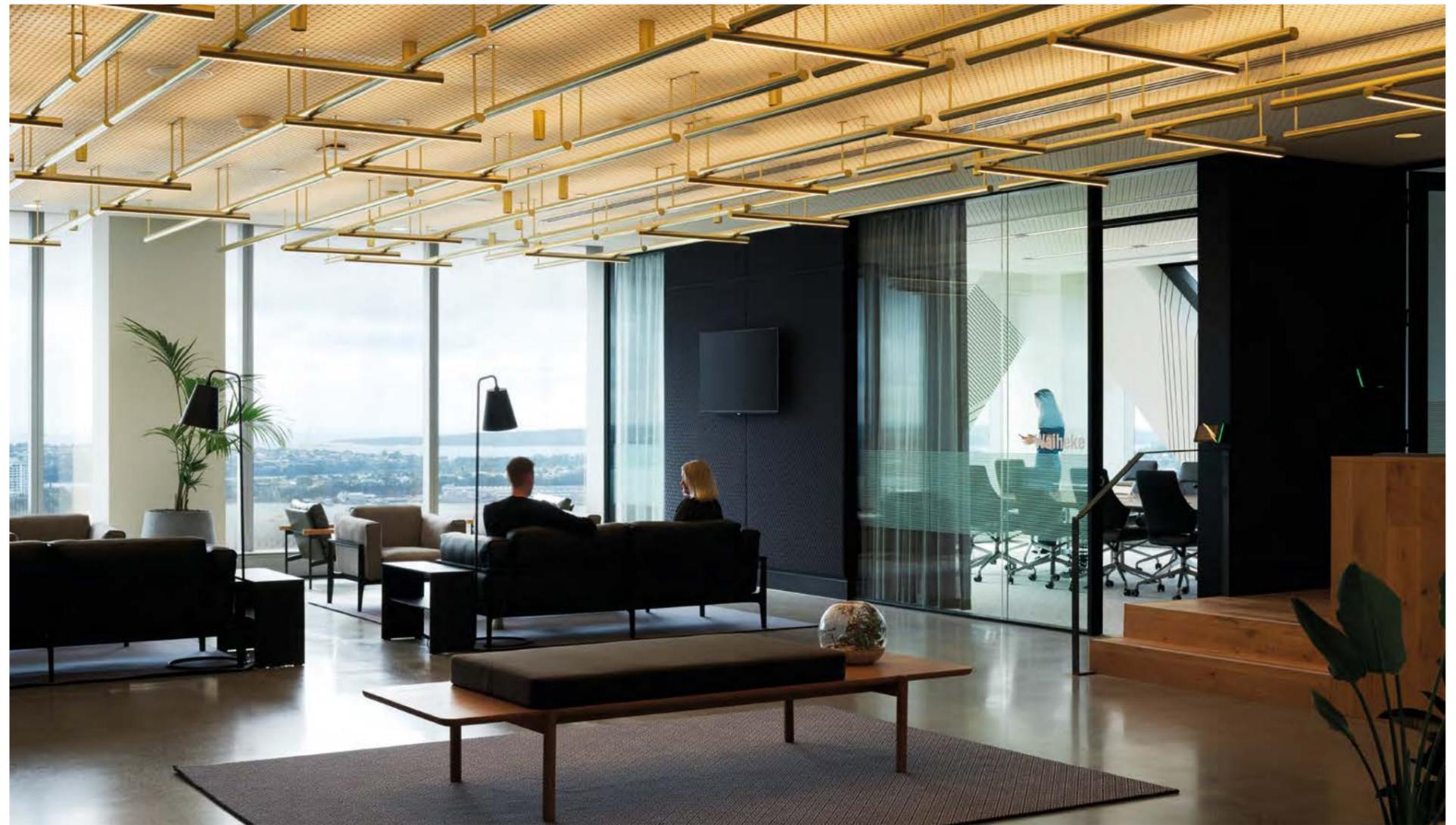


3

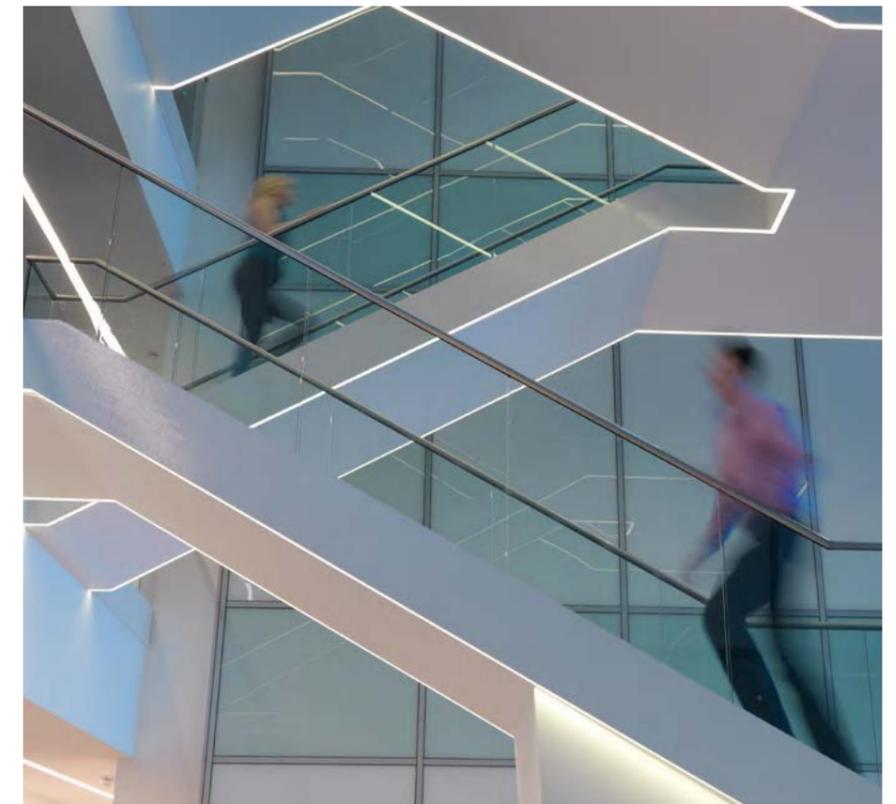


4

- 1. White end cap option
- 2. Concealed clip and cable space
- 3. End cap with cable exit slot
- 4. Grey end cap option



**Project:** PwC, Commercial Bay, Auckland  
**Specialist Lighting Design:** Beca  
**Architect:** Warren & Mahoney  
**Photography:** Jason Mann Photography  
 KKDC New Zealand



**Project:** FC200, London  
**Lighting Design:** Cundall Light4  
**Architect:** John Robertson Architects  
 KKDC England

# LINI Glow XL



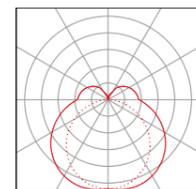
## LED Data (Based on 3000K, A-line/s-line)

	LINI Glow XL A040	LINI Glow XL R020	LINI Glow XL R014	LINI Glow XL R007	LINI Glow XL R207	LINI Glow XL RGBW	LINI Glow XL RGB
<b>Diffused Cover</b>	2680lm/m (817lm/ft) 67lm/W	1145lm/m (349lm/ft) 57lm/W	801lm/m (244lm/ft) 57lm/W	386lm/m (118lm/ft) 55lm/W	899lm/m (274lm/ft) 56lm/W	689lm/m (210lm/ft) 35lm/W	Red: 90 (27) Green: 193 (59) Blue: 32 (10) RGB: 280 (85) (lm/m (lm/ft))
<b>Wattage</b>	40W/m (12.19W/ft)	20W/m (6.10W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	16W/m (4.88W/ft)	20W/m (6.10W/ft)	15.6W/m (4.75W/ft)
<b>Dimension</b>	H28/W22/ L88-1511mm (H1.1/W0.87/ L3.46-59.49")	H28/W22/ L94-2011mm (H1.1/W0.87/ L3.70-79.17")	H28/W22/ L94-2011mm (H1.1/W0.87/ L3.70-79.17")	H28/W22/ L94-2011mm (H1.1/W0.87/ L3.70-79.17")	H28/W22/ L94-2011mm (H1.1/W0.87/ L3.70-79.17")	H28/W22/ L136-2011mm (H1.1/W0.87/ L5.35-79.17")	H28/W22/ L94-2011mm (H1.1/W0.87/ L3.70-79.17")
<b>PCB Cut-point</b>	38.46mm (1.51")	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")	83.3mm (3.28")	62.5mm (2.46")	83.3mm (3.28")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	13.9mm – 144LED/m (0.55" – 44LED/ft)	10.4mm – 192LED/m (0.41" – 59LED/ft)	13.9mm – 72LED/m (0.55" – 22LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 86°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 71°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 64°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 58°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 67°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 75°C)	T <sub>a</sub> = -25 to 55°C (T <sub>c</sub> Max = 70°C)

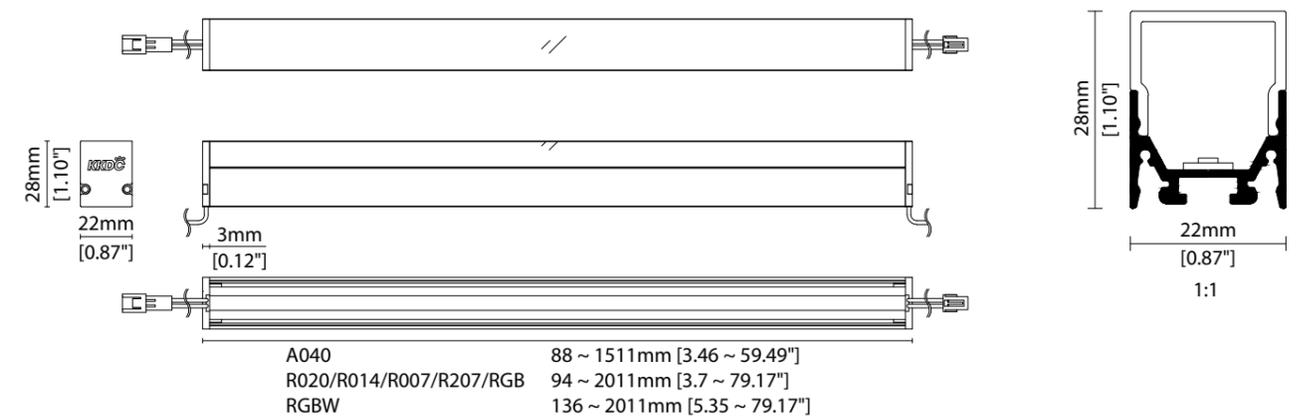


## Housing Data

<b>Cover/Optics</b>	Diffused (156°)
<b>CCT</b>	<b>A-line:</b> 2700K/3000K/4000K <b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>A-line:</b> 3-step MacAdam ellipse <b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥95
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via concealed clips or cable raceway
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



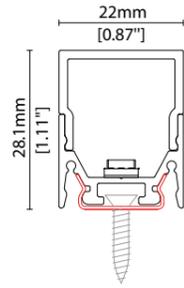
Diffused Cover  
— C0 / C180    ····· C90 / C270  
cd / 1000 lm  
(Based on A040)



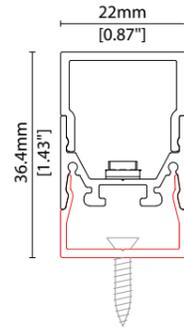
## Mounting methods



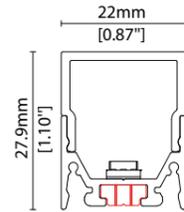
KKCP-11  
Concealed clip



KKCR-01-1000  
Cable raceway (1000mm)  
KKCR-01-2000  
Cable raceway (2000mm)  
KKCR-01-3000  
Cable raceway (3000mm)



KKJT-02  
Joining bar



## Detail shots



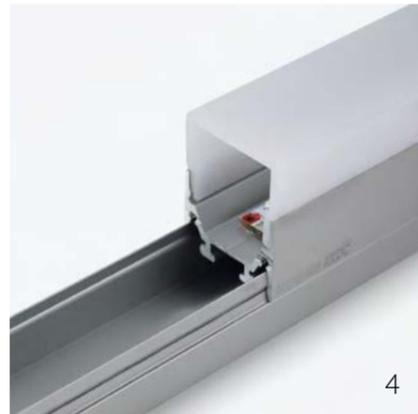
1



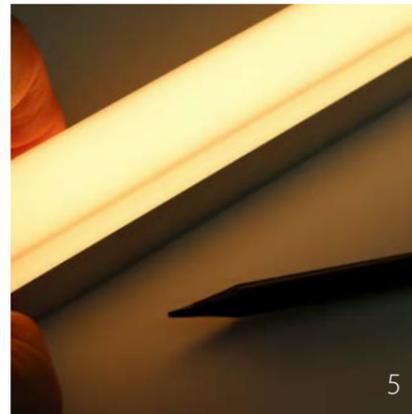
2



3



4



5



6

1. Push-fit u-shape diffuser
2. Grey screw fit end caps
3. Side light emission
4. Cable raceway channel
5. 180° diffused light emission
6. Concealed clip

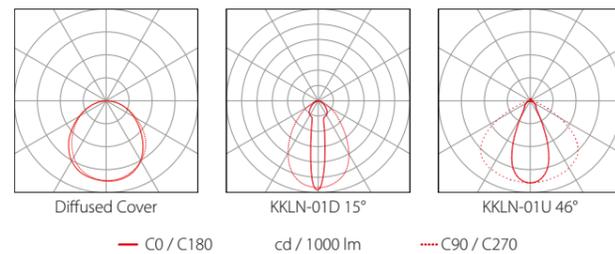
**Project:** Private Residence, Thailand  
**Lighting Design:** Dazzle Design Co., Ltd  
**Architect:** Plan Architect Co., Ltd  
**Photography:** All2U Photography Studio  
 KKDC Thailand

# LINI Blade-S



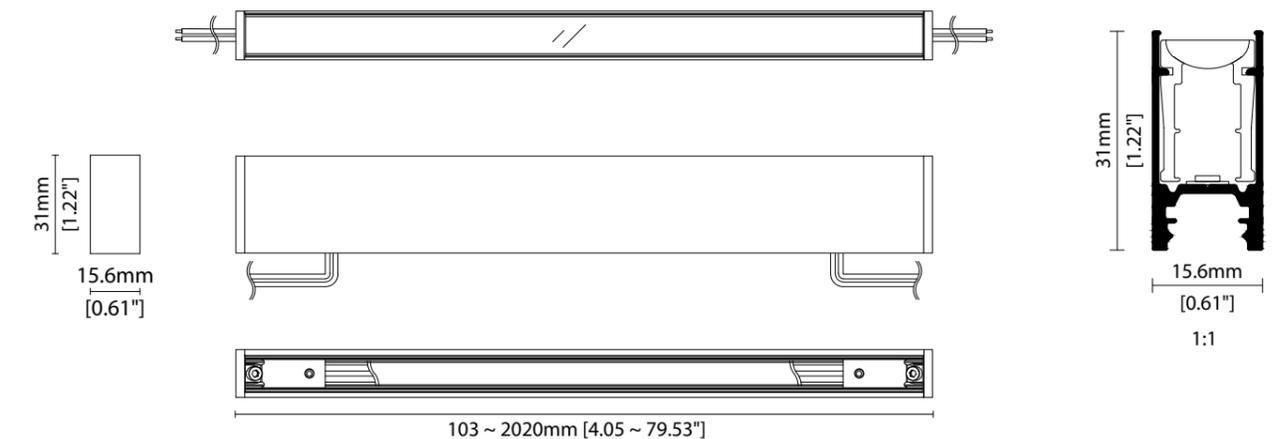
## Housing Data

<b>Cover/Optics</b>	Diffused (110°)/KKNL-01D Lens (15°)/KKNL-01U Lens (46°)
<b>CCT</b>	<b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥95
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Matt White/Matt Black/Matt Grey/Matt Silver/ Bronze Powder coating
<b>Mounting</b>	Concealed clips or suspension kit
<b>Power feed</b>	Hardwire tails
<b>Control</b>	0-10V/1-10V/DMX/DALI



## LED Data (Based on 3000K, s-line)

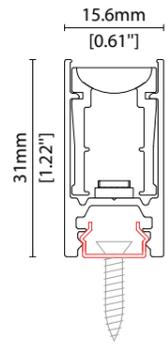
	LINI Blade-S R020	LINI Blade-S R014	LINI Blade-S R007	LINI Blade-S R207	LINI Blade-S RGB
<b>Diffused Cover</b>	424lm/m (129lm/ft) 21lm/W	297lm/m (90lm/ft) 21lm/W	148lm/m (45lm/ft) 21lm/W	339lm/m (103lm/ft) 21lm/W	Red: 38lm/m (12lm/ft) Green: 83lm/m (25lm/ft) Blue: 14lm/m (4lm/ft) RGB: 120lm/m (37lm/ft)
<b>15° (KKNL-01D)</b>	912lm/m (278lm/ft) 46lm/W	668lm/m (204lm/ft) 48lm/W	319lm/m (97lm/ft) 46lm/W	712lm/m (217lm/ft) 45lm/W	Red: 71lm/m (22lm/ft) Green: 153lm/m (47lm/ft) Blue: 25lm/m (8lm/ft) RGB: 221lm/m (67lm/ft)
<b>46° (KKNL-01U)</b>	n/a n/a	965lm/m (294lm/ft) 69lm/W	475lm/m (145lm/ft) 68lm/W	1102lm/m (336lm/ft) 69lm/W	Red: 105lm/m (32lm/ft) Green: 225lm/m (69lm/ft) Blue: 37lm/m (11lm/ft) RGB: 325lm/m (99lm/ft)
<b>Wattage</b>	20W/m (6.10W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	16W/m (4.88W/ft)	15.6W/m (4.75W/ft)
<b>Dimension</b>	H31/W15.6/ L103-2020mm (H1.22/W0.61/ L4.05-79.53")	H31/W15.6/ L103-2020mm (H1.22/W0.61/ L4.05-79.53")	H31/W15.6/ L103-2020mm (H1.22/W0.61/ L4.05-79.53")	H31/W15.6/ L103-2020mm (H1.22/W0.61/ L4.05-79.53")	H31/W15.6/ L103-2020mm (H1.22/W0.61/ L4.05-79.53")
<b>PCB Cut-point</b>	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")	83.3mm (3.28")	83.3mm (3.28")
<b>LED Pitch</b>	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	13.9mm – 144LED/m (0.55" – 44LED/ft)	13.9mm – 72LED/m (0.55" – 22LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 70°C)	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 75°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 72°C)	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 78°C)	T <sub>a</sub> = -25 to 44°C (T <sub>c</sub> Max = 68.3°C)



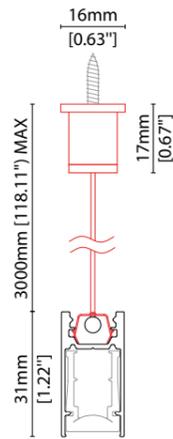
## Mounting methods



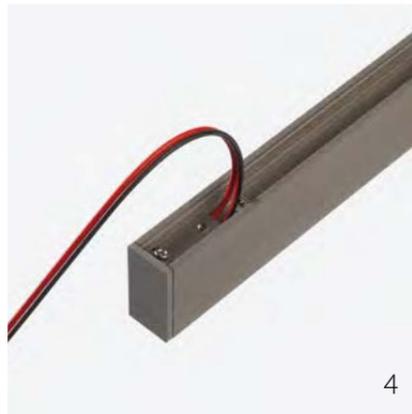
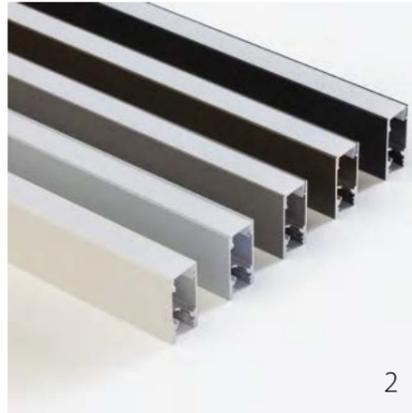
KKCP-10  
Concealed clip



KKSU-06  
Suspension mounting kit



## Detail shots



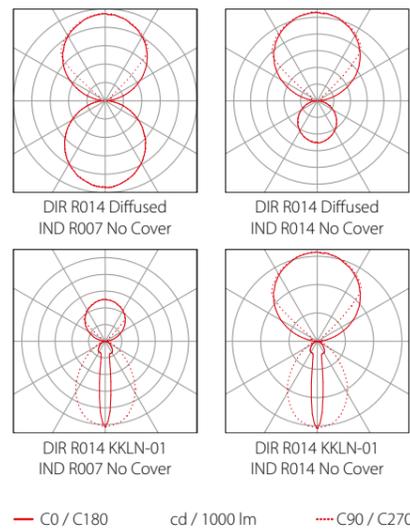
1. Pendant accessory option
2. White, silver, grey, black or bronze paint finishes available
3. Aluminium housing with push-fit diffused cover
4. Secure cable exit

# LINI Blade-H



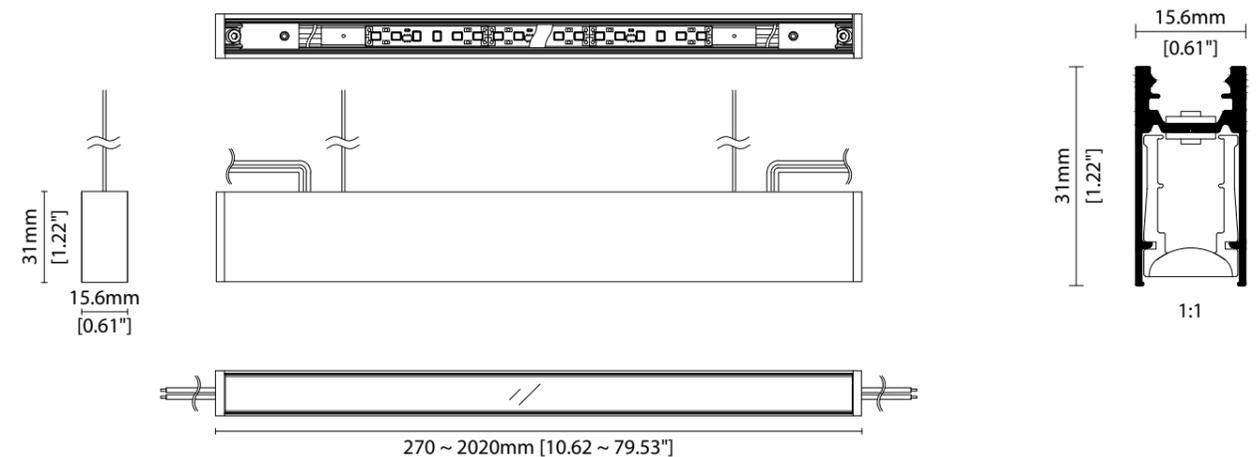
## Housing Data

<b>Cover/Optics</b>	<b>DIR:</b> Diffused (110°)/KKLN-01 Lens (14°) <b>IND:</b> No cover (105°)
<b>CCT</b>	<b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥92
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP20
<b>Finish</b>	Matt White/Matt Black/Matt Grey/Matt Silver/ Bronze Powder coating
<b>Mounting</b>	Suspended via suspension kit
<b>Power feed</b>	Hardwire tails
<b>Control</b>	0-10V/1-10V/DMX/DALI

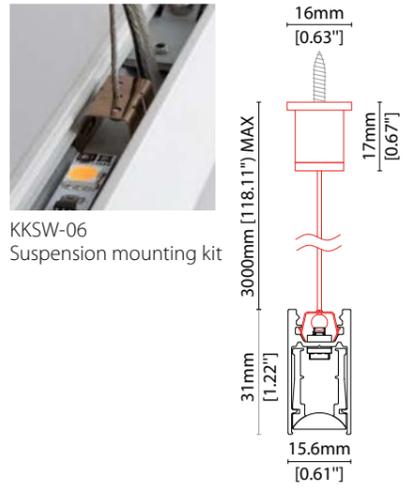


## LED Data (Based on 3000K, s-line)

	LINI Blade-H R020	LINI Blade-H R014	LINI Blade-H R007
<b>R020 + 14° KKLN-01 (DIR)</b>	933lm/m (284lm/ft) 47lm/W	n/a	n/a
<b>R020 + Diffused (DIR)</b>	424lm/m (129lm/ft) 21lm/W	n/a	n/a
<b>R014 + 14° KKLN-01 (DIR)</b>	n/a	653lm/m (199lm/ft) 47lm/W	n/a
<b>R014 + Diffused (DIR)</b>	n/a	297lm/m (90lm/ft) 21lm/W	n/a
<b>R007 + 14° KKLN-01 (DIR)</b>	n/a	n/a	319lm/m (97lm/ft) 46lm/W
<b>R007 + Diffused (DIR)</b>	n/a	n/a	148lm/m (45lm/ft) 21lm/W
<b>R007 + No Cover (IND)</b>	434lm/m (132lm/ft) 83lm/W	434lm/m (132lm/ft) 83lm/W	434lm/m (132lm/ft) 83lm/W
<b>R014 + No Cover (IND)</b>	n/a	879lm/m (268lm/ft) 84lm/W	879lm/m (268lm/ft) 84lm/W
<b>R020 + No Cover (IND)</b>	n/a	n/a	1256lm/m (383lm/ft) 84lm/W
<b>Wattage</b>	26.1W/m (7.96W/ft)	26.3W/m (8.01W/ft)	24.5W/m (7.47W/ft)
<b>Dimension</b>	H31/W15.6/L270-2020mm (H1.22/W0.61/L10.62-79.53")	H31/W15.6/L270-2020mm (H1.22/W0.61/L10.62-79.53")	H31/W15.6/L270-2020mm (H1.22/W0.61/L10.62-79.53")
<b>PCB Cut-point</b>	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")
<b>LED Pitch</b>	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 75°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 74°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 73°C)



## Mounting methods



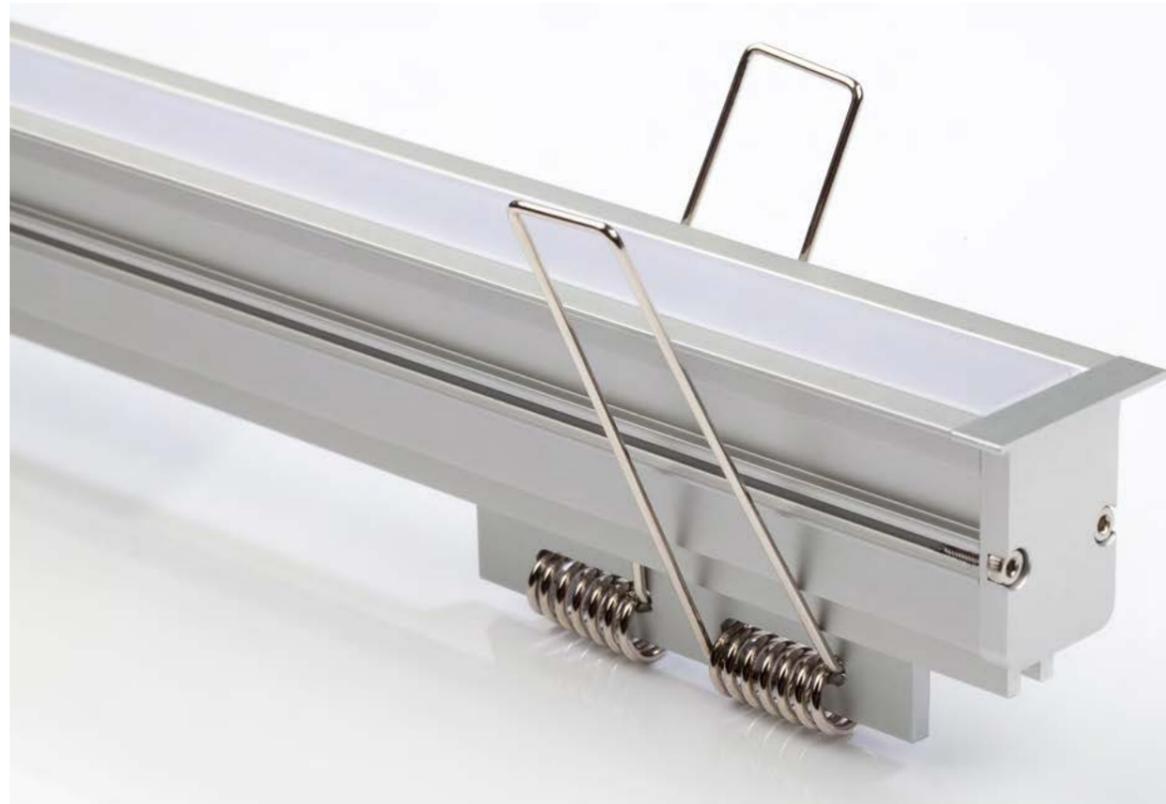
## Detail shots



1. Suspension mounting with clear sheathed cable
2. Direct and indirect lighting
3. LED uplighting



**Project:** KKDC Light + Building Frankfurt 2022  
**Stand Design:** KKDC Design House  
**Photography:** Gavriil Papadiotis



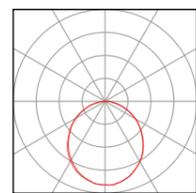
### LED Data (Based on 3000K, s-line)

	 <b>LINI-R R020</b> s-k	 <b>LINI-R R014</b> s-k	 <b>LINI-R R007</b> s-k	 <b>LINI-R R207</b> s-k	 <b>LINI-R RGB</b> RGB
<b>Diffused Cover</b>	678lm/m (207lm/ft) 34lm/W	475lm/m (145lm/ft) 34lm/W	230lm/m (70lm/ft) 33lm/W	546lm/m (166lm/ft) 34lm/W	Red: 54lm/m (16lm/ft) Green: 116lm/m (35lm/ft) Blue: 19lm/m (6lm/ft) RGB: 167lm/m (51lm/ft)
<b>Wattage</b>	20W/m (6.10W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	16W/m (4.88W/ft)	15.6W/m (4.75W/ft)
<b>Dimension</b>	H31/W25.8/ L100-2017mm (H1.22/W1.02/ L3.93-79.41") (excluding spring clips)	H31/W25.8/ L100-2017mm (H1.22/W1.02/ L3.93-79.41") (excluding spring clips)	H31/W25.8/ L100-2017mm (H1.22/W1.02/ L3.93-79.41") (excluding spring clips)	H31/W25.8/ L100-2017mm (H1.22/W1.02/ L3.93-79.41") (excluding spring clips)	H31/W25.8/ L100-2017mm (H1.22/W1.02/ L3.93-79.41") (excluding spring clips)
<b>PCB Cut-point</b>	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")	83.3mm (3.28")	83.3mm (3.28")
<b>LED Pitch</b>	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	13.9mm – 144LED/m (0.55" – 44LED/ft)	13.9mm – 72LED/m (0.55" – 22LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 68°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 60°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 54°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 63°C)	T <sub>a</sub> = -25 to 55°C (T <sub>c</sub> Max = 74°C)

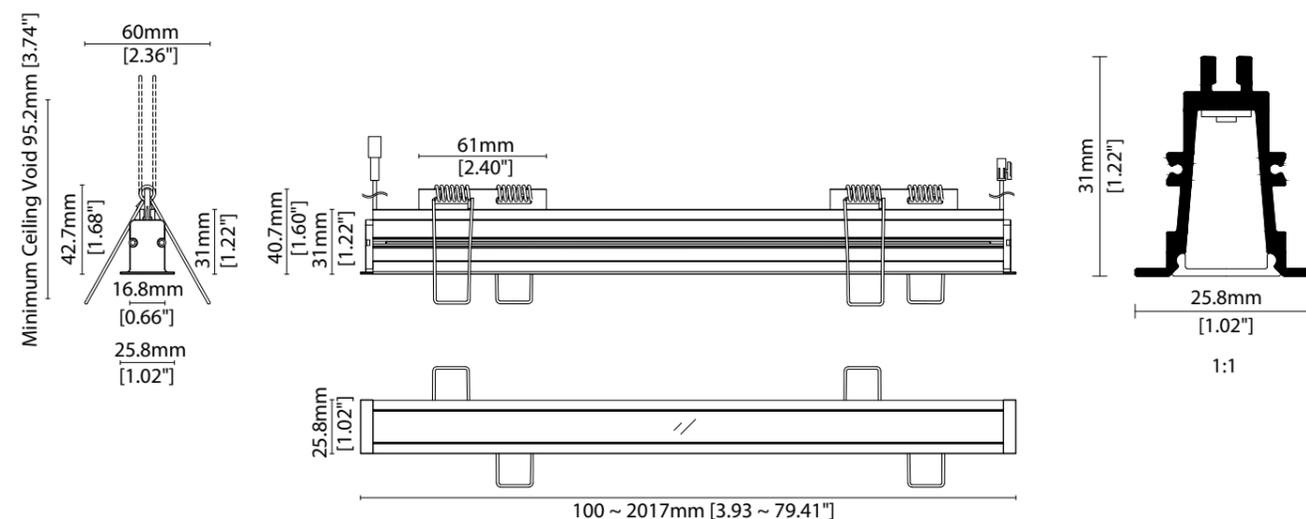


### Housing Data

<b>Cover/Optics</b>	Diffused (110°)
<b>CCT</b>	<b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Recessed mounting via spring clip
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



Diffused Cover  
— C0 / C180 — C90 / C270  
cd / 1000 lm



## Detail shots



1. Recessed under shelf
2. Slide-on recessed spring fixing
3. Anodised aluminium housing and precision machined end caps
4. Fully diffused push-fit cover
5. Cable exit



**Project:** Signiel Lotte World Tower, Seoul  
**Lighting Design:** Project Lighting Design Pte Ltd  
**Interior Design:** Wilsons Associates  
**Photography:** Sam Nugroho  
KKDC Korea

# LINI-R XL

LINI-R XL

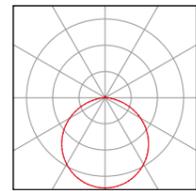


View online



## Housing Data

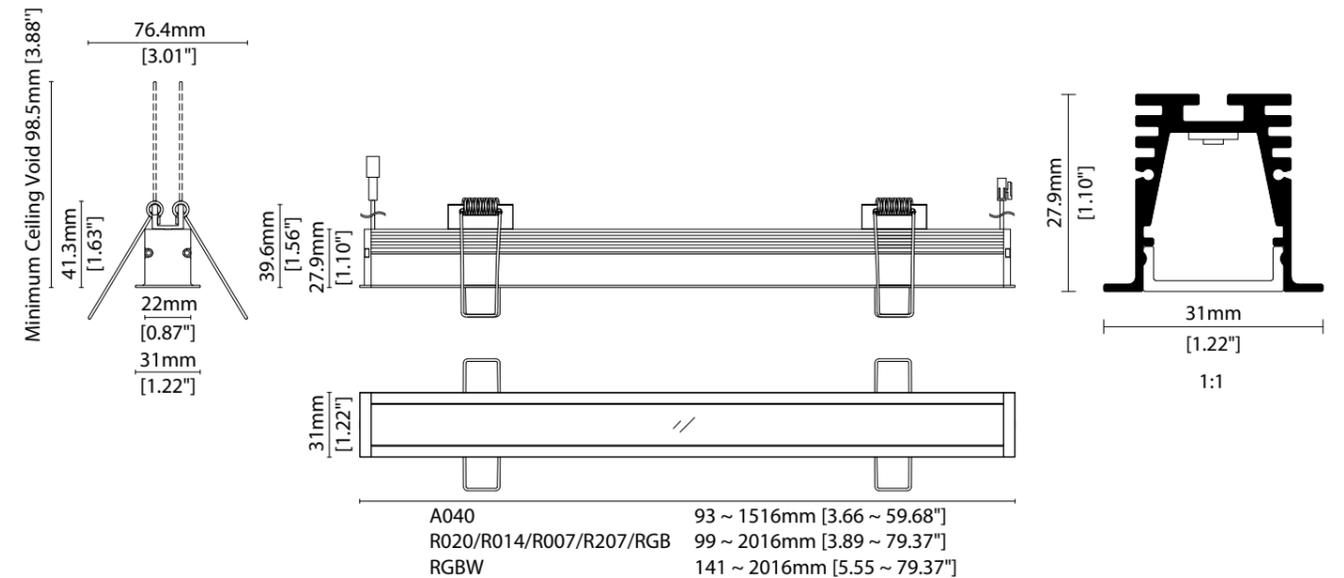
<b>Cover/Optics</b>	Diffused (110°)
<b>CCT</b>	<b>A-line:</b> 2700K/3000K/4000K <b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>A-line:</b> 3-step MacAdam ellipse <b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Recessed mounting via spring clip
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



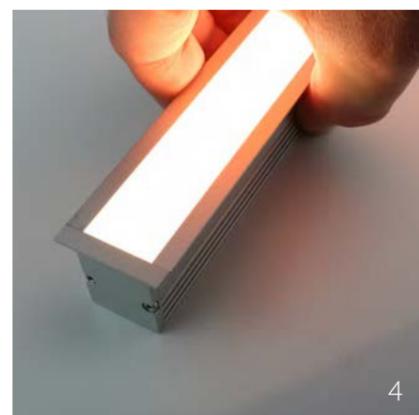
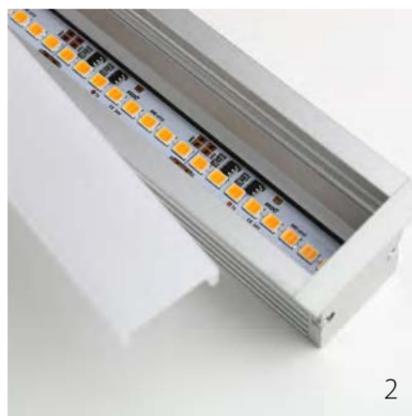
Diffused Cover  
— C0 / C180 — C90 / C270  
cd / 1000 lm  
(Based on A040)

## LED Data (Based on 3000K, A-line/s-line)

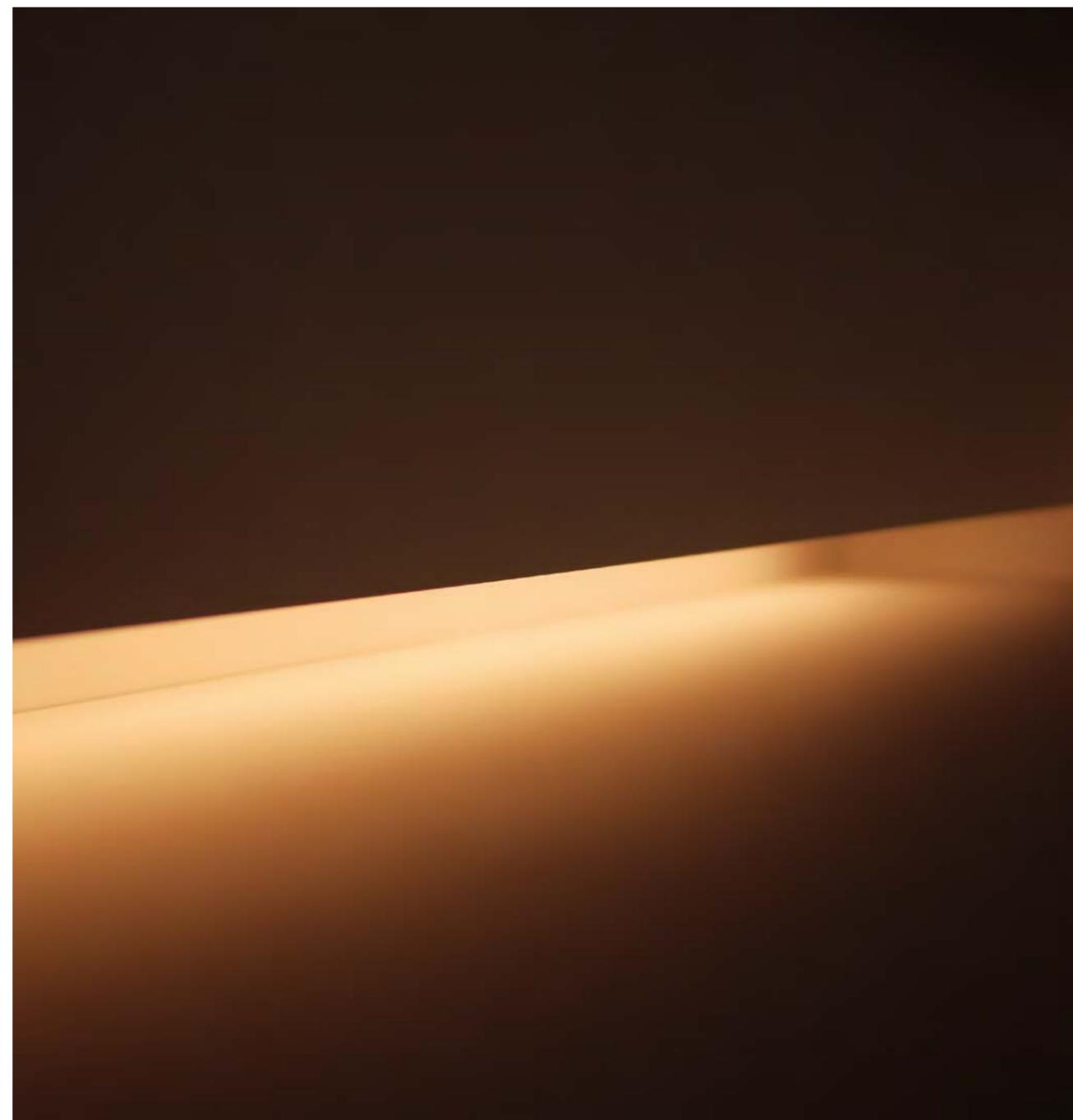
	LINI-R XL A040	LINI-R XL R020	LINI-R XL R014	LINI-R XL R007	LINI-R XL R207	LINI-R XL RGBW	LINI-R XL RGB
<b>Diffused Cover</b>	2000lm/m (610lm/ft) 50lm/W	731lm/m (223lm/ft) 37lm/W	534lm/m (163lm/ft) 38lm/W	265lm/m (81lm/ft) 38lm/W	594lm/m (181lm/ft) 37lm/W	441lm/m (134lm/ft) 22lm/W	Red: 61 (19) Green: 132 (40) Blue: 22 (7) RGB: 192 (59) (lm/m (lm/ft))
<b>Wattage</b>	40W/m (12.19W/ft)	20W/m (6.10W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	16W/m (4.88W/ft)	20W/m (6.10W/ft)	15.6W/m (4.75W/ft)
<b>Dimension</b>	H27.9/W31/ L93-1516mm (H1.10/W1.22/ L3.66-59.68") (excluding spring clips)	H27.9/W31/ L99-2016mm (H1.1/W1.22/ L3.89-79.37") (excluding spring clips)	H27.9/W31/ L99-2016mm (H1.1/W1.22/ L3.89-79.37") (excluding spring clips)	H27.9/W31/ L99-2016mm (H1.1/W1.22/ L3.89-79.37") (excluding spring clips)	H27.9/W31/ L99-2016mm (H1.1/W1.22/ L3.89-79.37") (excluding spring clips)	H27.9/W31/ L141-2016mm (H1.1/W1.22/ L5.55-79.37") (excluding spring clips)	H27.9/W31/ L99-2016mm (H1.1/W1.22/ L3.89-79.37") (excluding spring clips)
<b>PCB Cut-point</b>	38.46mm (1.51")	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")	83.3mm (3.28")	62.5mm (2.46")	83.3mm (3.28")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	13.9mm – 144LED/m (0.55" – 44LED/ft)	10.4mm – 192LED/m (0.41" – 59LED/ft)	13.9mm – 72LED/m (0.55" – 22LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 89.1°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 70°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 63°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 57°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 59°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 68°C)	T <sub>a</sub> = -25 to 55°C (T <sub>c</sub> Max = 66.5°C)



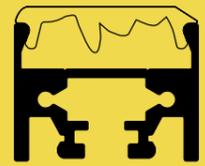
Detail shots



- 1. Spring fixing for recessed ceiling installation
- 2. Removable push-fit cover
- 3. Compact form with diffused output
- 4. Anodised aluminium profile housing with CNC machined precision end caps

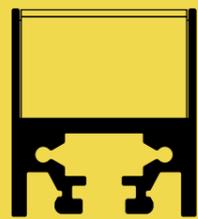


## 03. TIA Series



TIA 26 Asymmetric

**120**



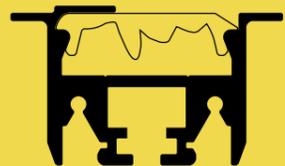
TIA 26

**124**



TIA 40

**128**



TIA 26-R Asymmetric

**132**

\*Profile drawings are 1:1 scale

Fully diffused and powerful mid-sized linear surface mounted profiles suitable for 10mm A-line LED strip. Featuring unique folded illuminated ends for continuous seamless end to end lighting and linear Asymmetric wallwashing lens variants available.

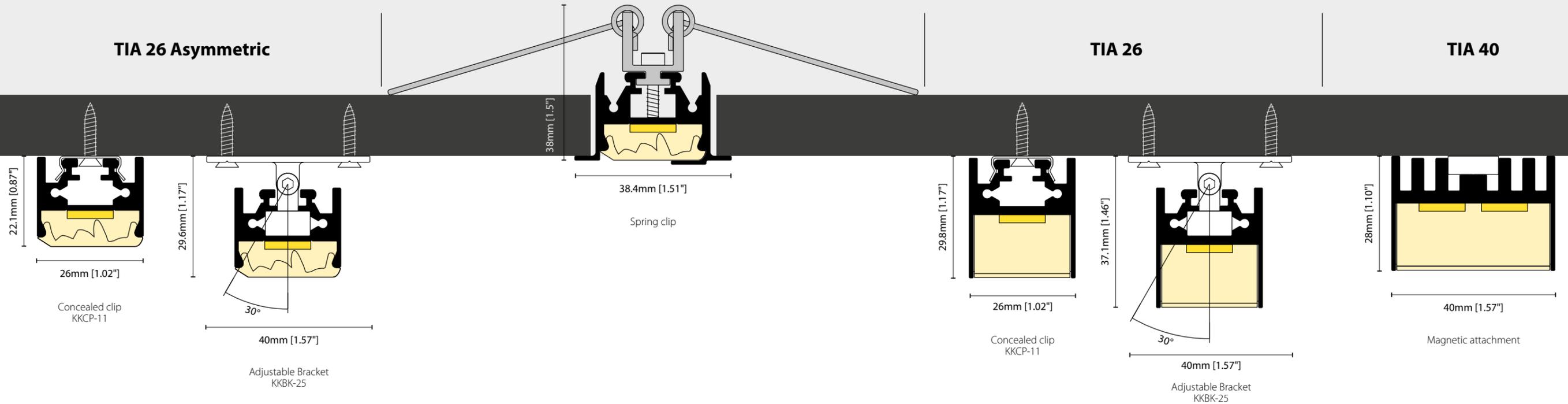


## TIA 26-R Asymmetric

## TIA 26 Asymmetric

## TIA 26

## TIA 40



	TIA 26 Asymmetric	TIA 26-R Asymmetric	TIA 26	TIA 40
LED	A030	A030	A030	A025 x2
W/m	30W	30W	30W	50W
Line	A	A	A	A
IP	IP40	IP40	IP40	IP40
Cover & Optics	Diffused		■	■
	Asymmetric lens	■		

# TIA 26 Asymmetric



## LED Data (Based on 3000K)



TIA 26 Asymmetric A030

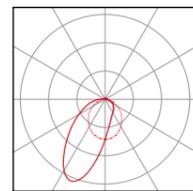


<b>KKLN-A1</b>	3630lm/m (1106lm/ft)
	121lm/w
<b>Wattage</b>	30W/m (9.14W/ft)
<b>Dimension</b>	H21.8/W26/L96-1019mm (H0.86/W1.02/L3.8-40.1")
<b>PCB Cut-point</b>	38.46mm (1.51")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 76.1°C)

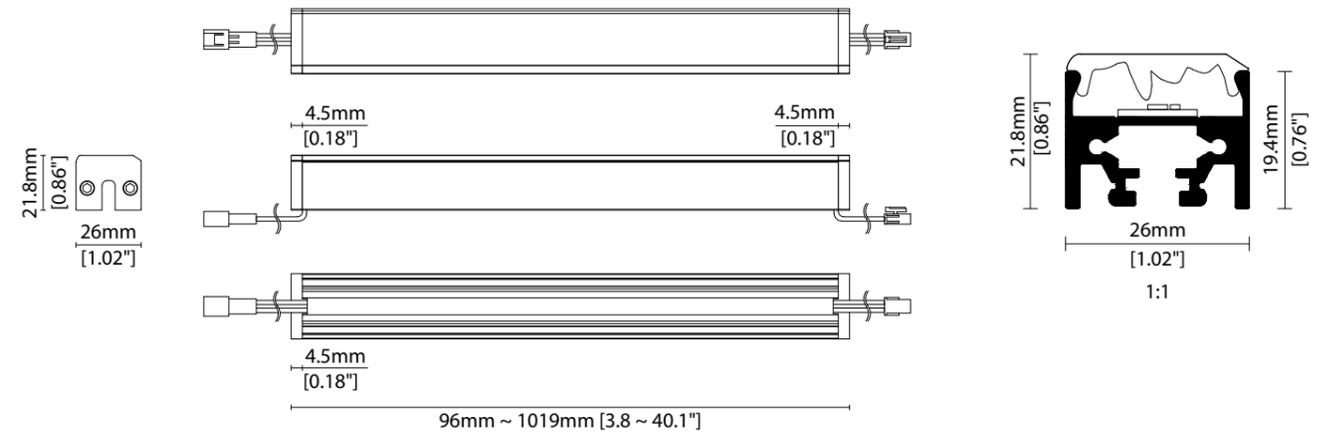


## Housing Data

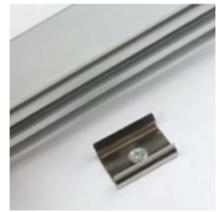
<b>Cover/Optics</b>	KKLN-A1 Asymmetric lens
<b>CCT</b>	A-line: 2700K/3000K/4000K
<b>LED binning</b>	A-line: 3-step MacAdam ellipse
<b>CRI</b>	94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via concealed clips or brackets
<b>Power feed</b>	Non Sheathed tail
<b>Control</b>	0-10V/1-10V/DMX/DALI



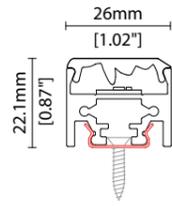
KKLN-A1  
— C0 / C180 — C90 / C270  
cd / 1000 lm



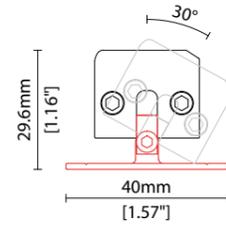
## Mounting methods



KKCP-11  
Concealed clip



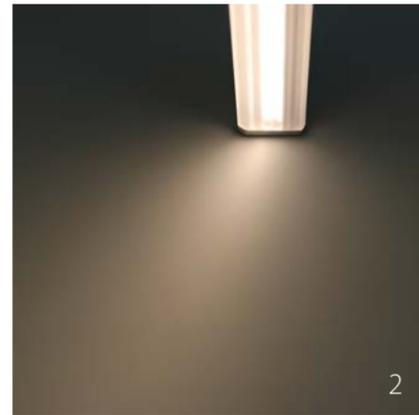
KKBK-25  
Adjustable bracket



## Detail shots



1



2



3



4



5

1. Custom linear lengths available
2. Asymmetric beam distribution
3. Tilt adjustment via adjustable bracket
4. Push-fit asymmetric lens designed by KKDC
5. Machined aluminium end caps



KKDC Stand at Light + Building show, Frankfurt 2022



## LED Data (Based on 3000K)



TIA 26 A030

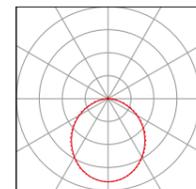


<b>Diffused cover</b>	2340lm/m (713lm/ft) 78lm/W
<b>Wattage</b>	30W/m (9.14W/ft)
<b>Dimension</b>	H29.3/W26/L87-2010mm (H1.15/W1.02/L3.42-79.13")
<b>PCB Cut-point</b>	38.46mm (1.51")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 74.5°C)

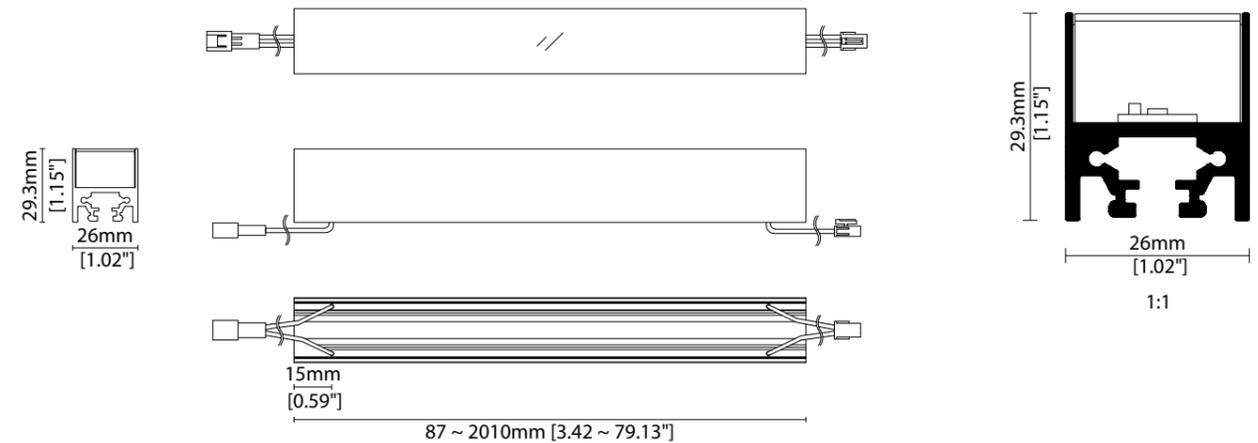


## Housing Data

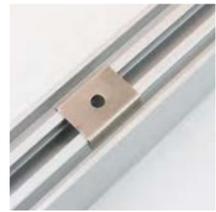
<b>Cover/Optics</b>	Diffused (110°)
<b>CCT</b>	A-line: 2700K/3000K/4000K
<b>LED binning</b>	A-line: 3-step MacAdam ellipse
<b>CRI</b>	94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via concealed clips or brackets
<b>Power feed</b>	Non Sheathed tail
<b>Control</b>	0-10V/1-10V/DMX/DALI



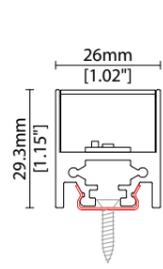
Diffused Cover  
— C0 / C180    - - - C90 / C270  
cd / 1000 lm



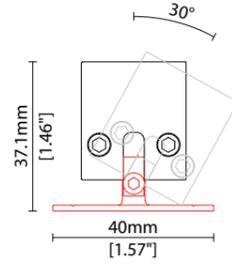
## Mounting methods



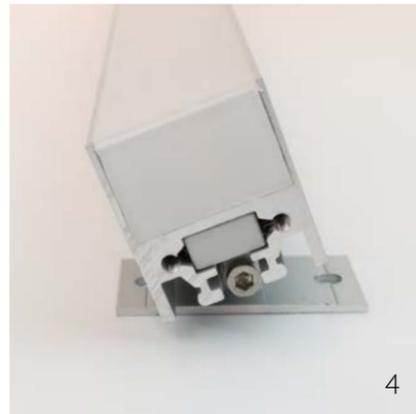
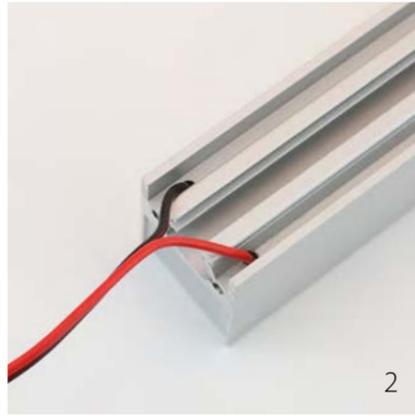
KKCP-11  
Concealed clip



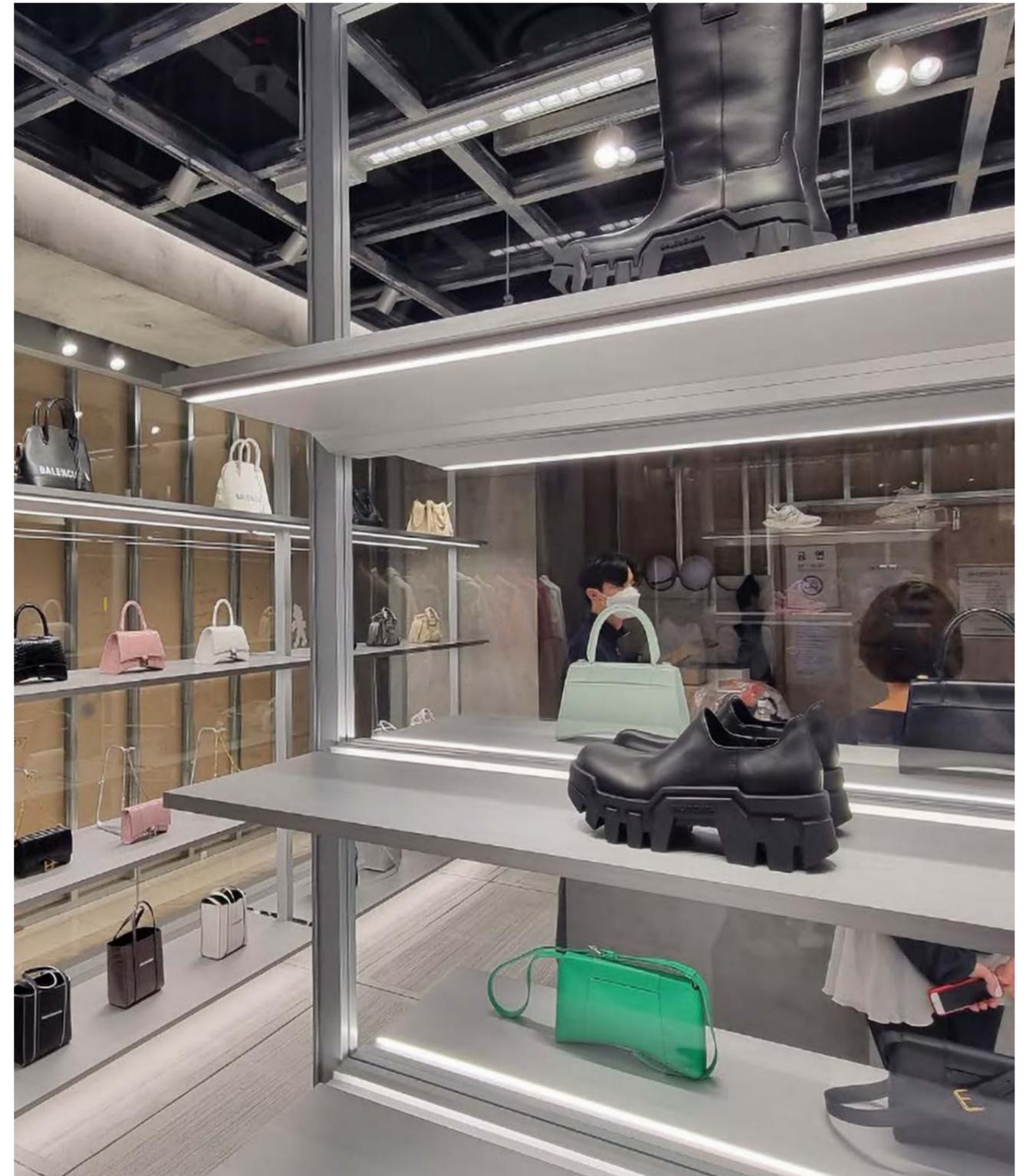
KKBK-25  
Adjustable bracket



## Detail shots



1. Compact form with 26mm width
2. Rear cable exit
3. Unique folded cover for true end to end diffused light output
4. Adjustable angle bracket



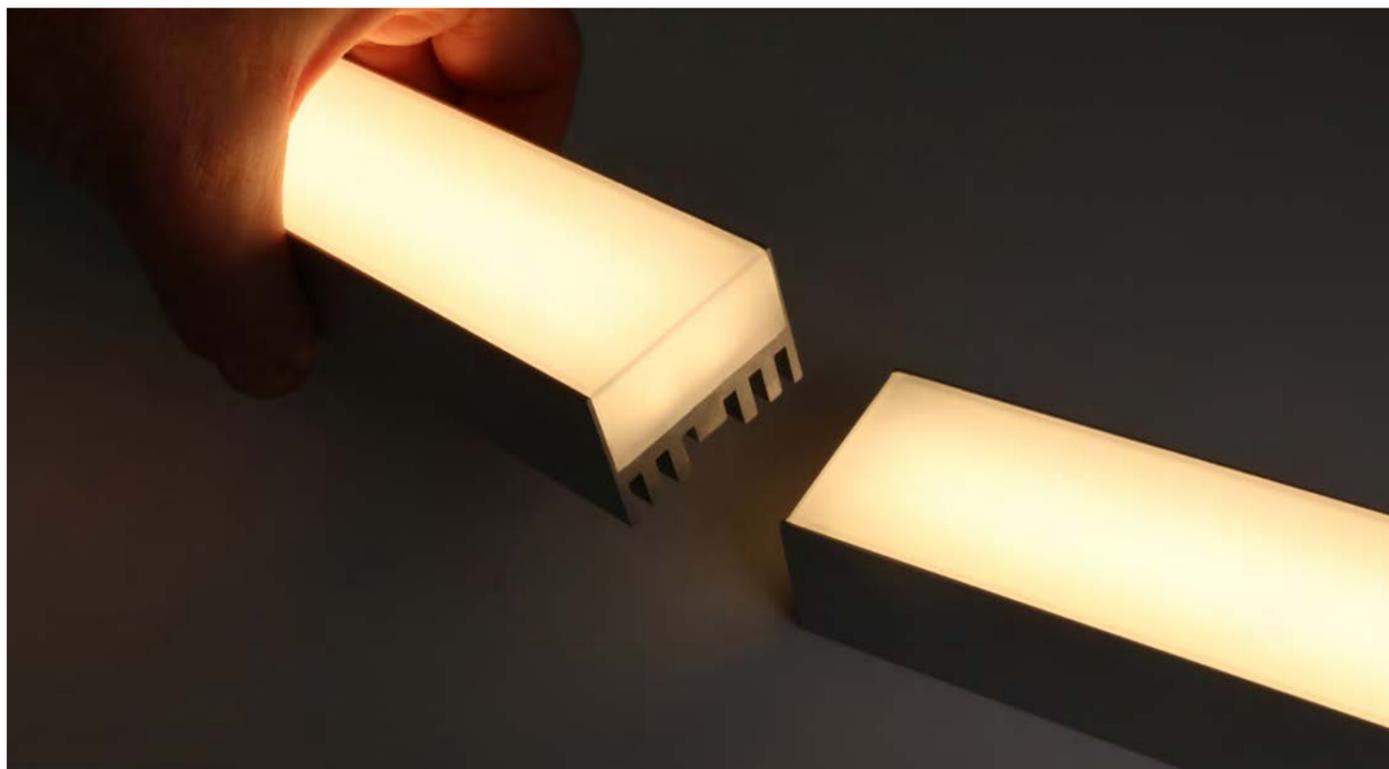
**Project:** BALENCIAGA Lotte Department Store, Seoul  
**Lighting Design:** Balenciaga  
**Architect:** Design e. yeon, Jin Yeong Hwang  
 KKDC Korea

# TIA 40

TIA 40



View online



## LED Data (Based on 3000K)



TIA 40 A025 x2

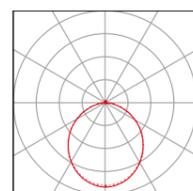


<b>Diffused cover</b>	4150lm/m (1265lm/ft)
	83lm/W
<b>Wattage</b>	50W/m (15.24W/ft)
<b>Dimension</b>	H28/W40/L510 or 1010mm (H1.1/W1.57/L20 or 39.8")
<b>PCB Cut-point</b>	38.46mm (1.51")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 79.5°C)

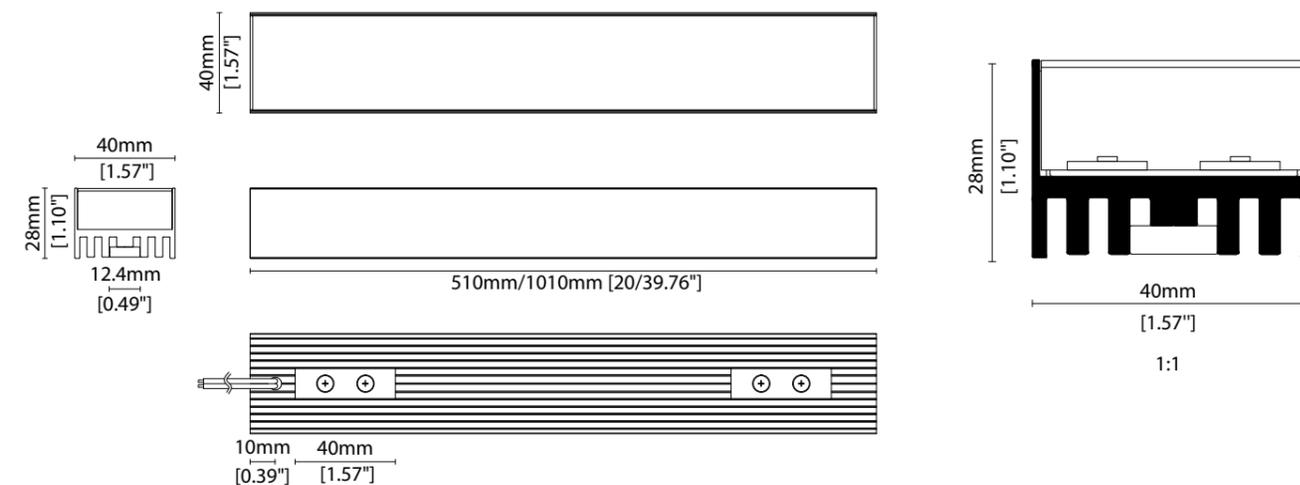


## Housing Data

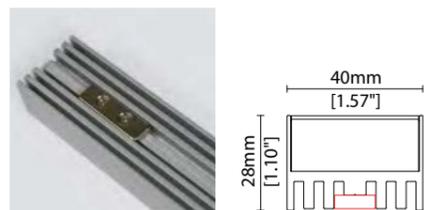
<b>Cover/Optics</b>	Diffused (120°)
<b>CCT</b>	A-line: 2700K/3000K/4000K
<b>LED binning</b>	A-line: 3-step MacAdam ellipse
<b>CRI</b>	94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via magnet
<b>Power feed</b>	Non Sheathed tail
<b>Control</b>	0-10V/1-10V/DMX/DALI



Diffused Cover  
— C0 / C180    - - - C90 / C270  
cd / 1000 lm



## Mounting methods

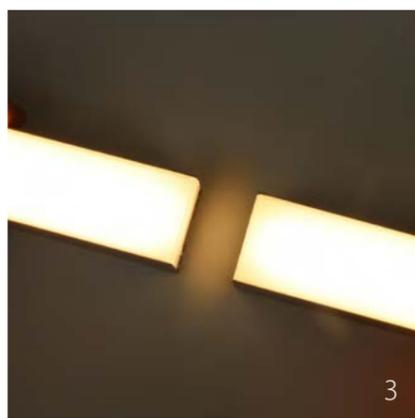


Magnet fixing

## Detail shots



1. Mid-sized 40mm housing width
2. Anodised aluminium housing and magnet fixing
3. Folded diffuser cover ends
4. Seamless end to end lighting



**Project:** BALENCIAGA Jamsil Lotte, Department Store  
**Lighting Design:** Balenciaga  
**Architect:** Design e. yeon, Jin Yeong Hwang  
KKDC Korea

# TIA 26-R Asymmetric



## LED Data (Based on 3000K)



TIA 26-R Asymmetric A030

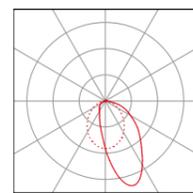


<b>KKLN-A1</b>	2820lm/m (859lm/ft) 94lm/w
<b>Wattage</b>	30W/m (9.14W/ft)
<b>Dimension</b>	H22.4/W38.4/L103-1026mm (H0.88/W1.51/L4.05-40.39")
<b>PCB Cut-point</b>	38.46mm (1.51")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 76.1°C)

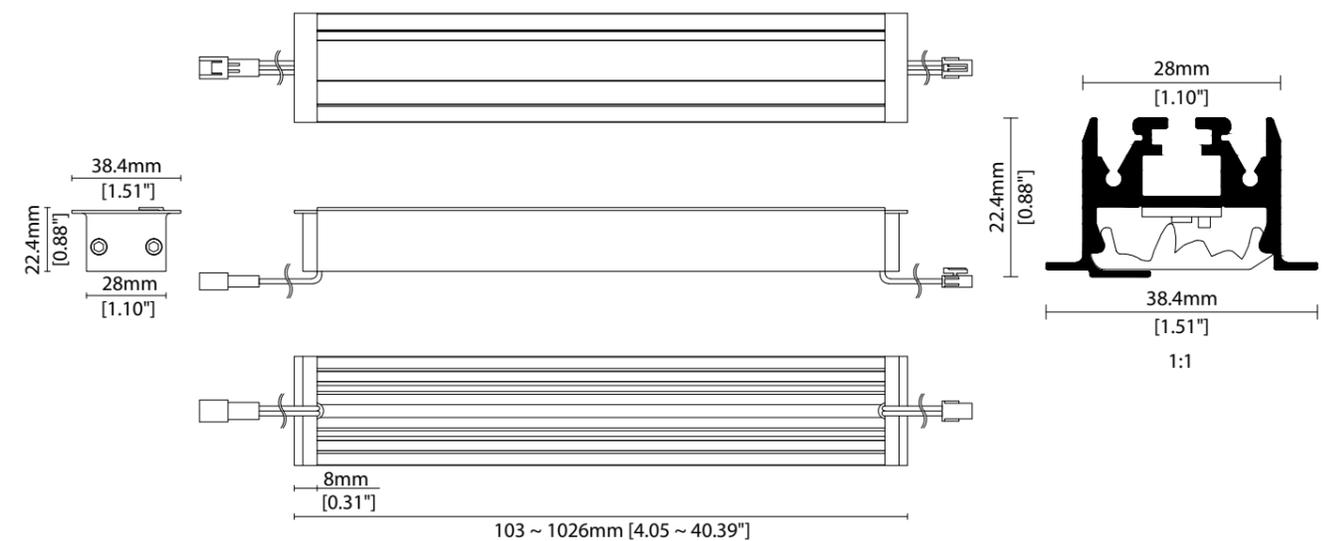


## Housing Data

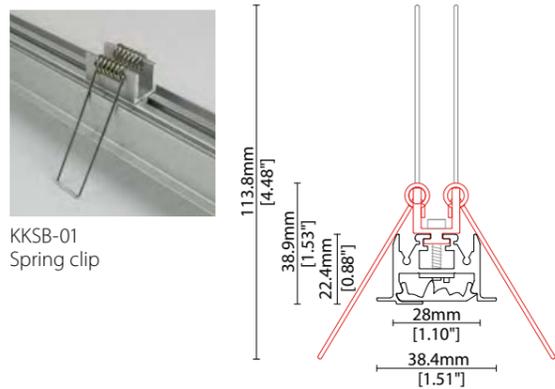
<b>Cover/Optics</b>	KKLN-A1 Asymmetric lens
<b>CCT</b>	A-line: 2700K/3000K/4000K
<b>LED binning</b>	A-line: 3-step MacAdam ellipse
<b>CRI</b>	93
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Recessed mounting via spring clips
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



KKLN-A1  
— C0 / C180 — C90 / C270  
cd / 1000 lm

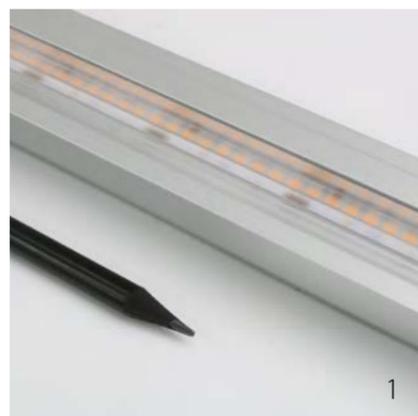


## Mounting methods



KKSB-01  
Spring clip

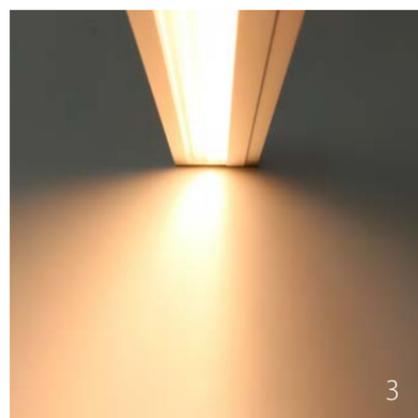
## Detail shots



1



2



3

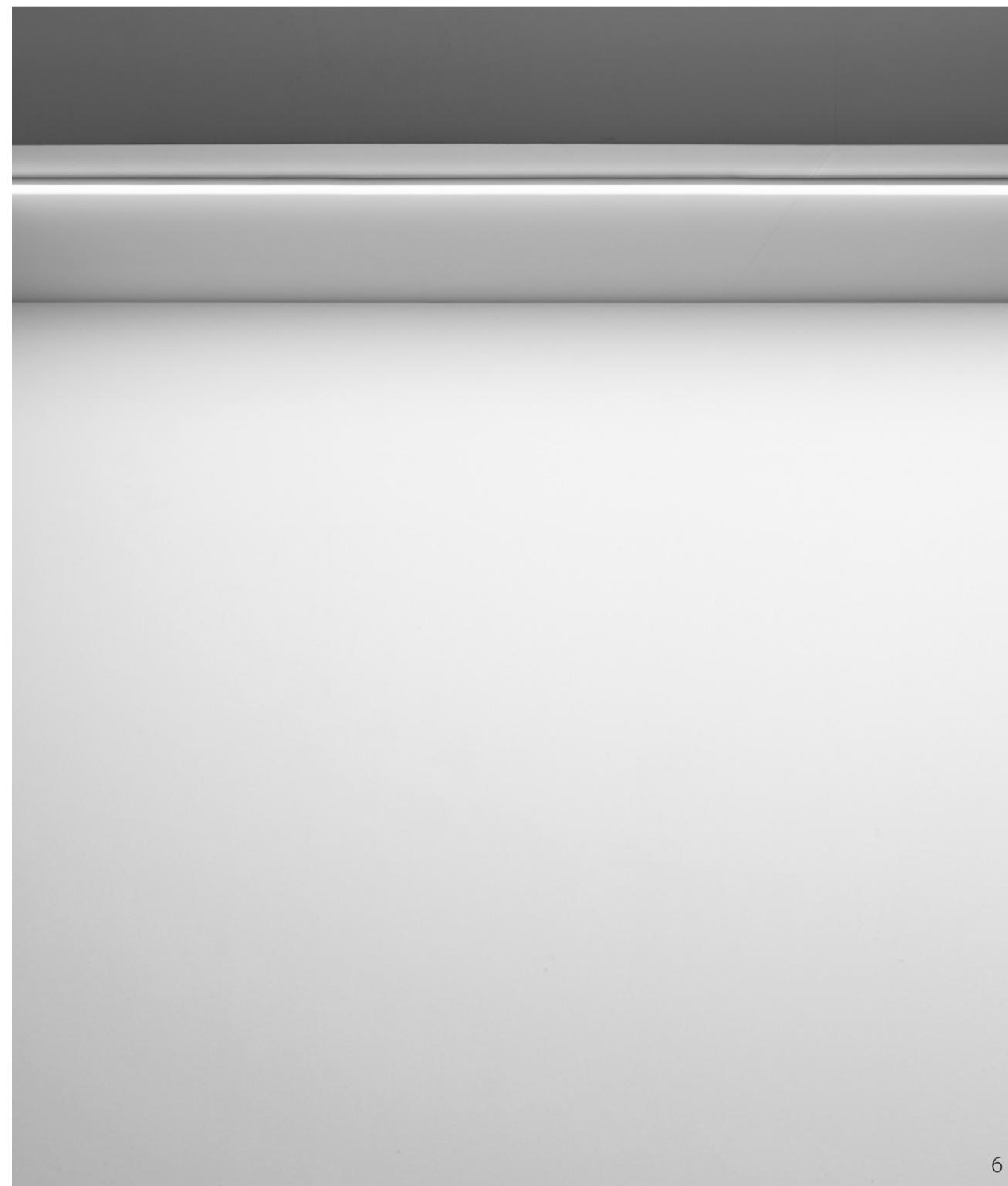


4



5

1. Asymmetric lens with A030 LED strip
2. Linear lens with side glare shield integral to profile
3. Asymmetric lens beam distribution
4. Slide-on spring clip fixing
5. Tight pitch LED strip for spotless light output
6. Wallwashing effect



6

## 04. TANA Series



TANA Nano 1

**140**



TANA Nano 2

**144**



TANA Micro

**148**



TANA SP

**152**



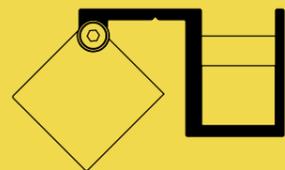
TANA

**156**



TANA Asymmetric

**160**



TANA Spot

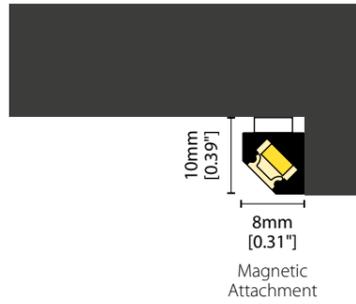
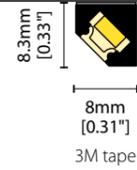
**164**

\*Profile drawings are 1:1 scale

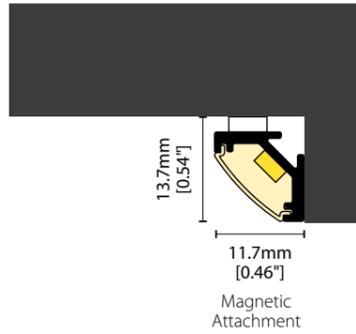
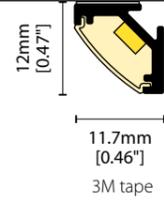
Interior range of miniature corner profiles with fixed-angle LED, positioned to illuminate shelving displays. Housing options suitable for visible shelf edge mounting or concealed integration into shelf joinery.

TANA

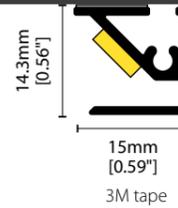
### TANA Nano 1



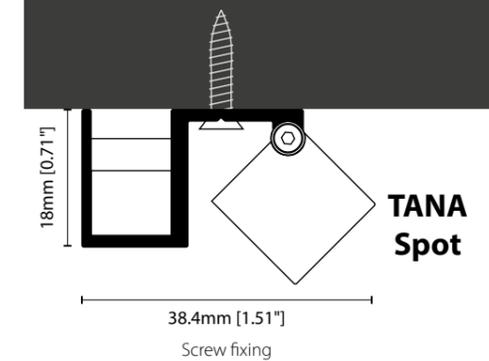
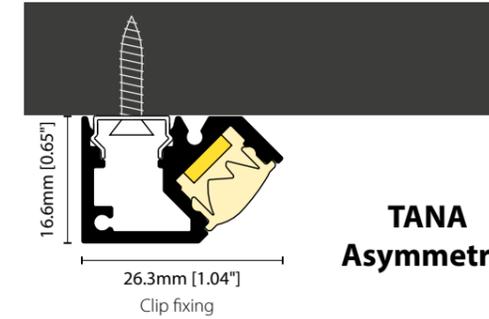
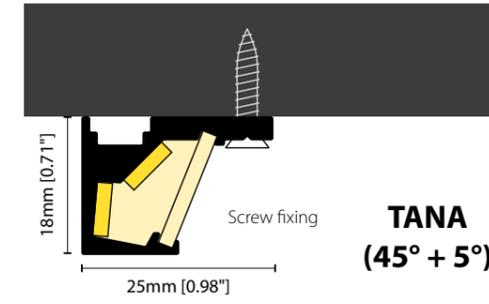
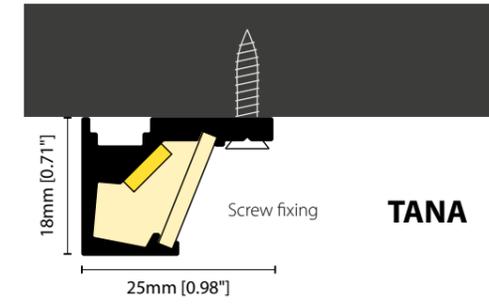
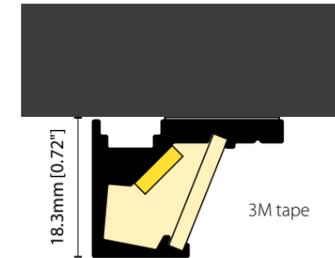
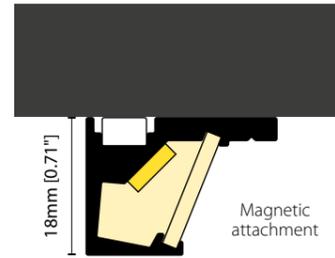
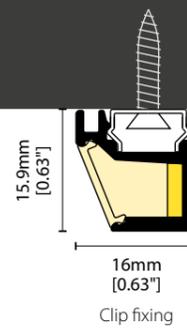
### TANA Nano 2



### TANA Micro



### TANA SP



# TANA

		TANA Nano 1		TANA Nano 2		TANA Micro				TANA SP	TANA						TANA Asymmetric	TANA Spot		
LED		RS14	RS07	RS14	RS07	R020	R014	R007	R207	R014	R020	R014	R014 x2	R007	R207	RGB	AS30	White	HCRI	
W/m		14W	7W	14W	7W	20W	14W	7W	16W	14W	20W	14W	28W	7W	16W	15.6W	30W	3.57W	3.57W	
Line																				
IP	IP20					■	■	■	■											
	IP40	■	■	■	■					■	■	■	■	■	■	■	■	■	■	
Cover & Optics	No Cover					■	■	■	■											
	Clear										■	■	■	■	■	■				
	Diffused	■	■	■	■					■	■	■	■	■	■	■				
	Asymmetric lens																■			
	16°																		■	
24°																			■	
26°																				■

# TANA Nano 1

TANA Nano 1



View online



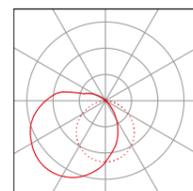
## LED Data (Based on 3000K, s-line)

	TANA Nano 1 RS14	TANA Nano 1 RS07
<b>Diffused Cover</b>	724lm/m (221lm/ft) 52lm/w	381lm/m (116lm/ft) 54lm/w
<b>Wattage</b>	14W/m (4.27W/ft)	7W/m (2.13W/ft)
<b>Dimension</b>	H8/W8/L76-2005mm (H0.31/W0.31/L2.99-78.94")	H8/W8/L76-2005mm (H0.31/W0.31/L2.99-78.94")
<b>PCB Cut-point</b>	35.7mm (1.41")	35.7mm (1.41")
<b>LED Pitch</b>	6mm – 168LED/m (0.24" – 51LED/ft)	6mm – 168LED/m (0.24" – 51LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 74.6°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 61.6°C)

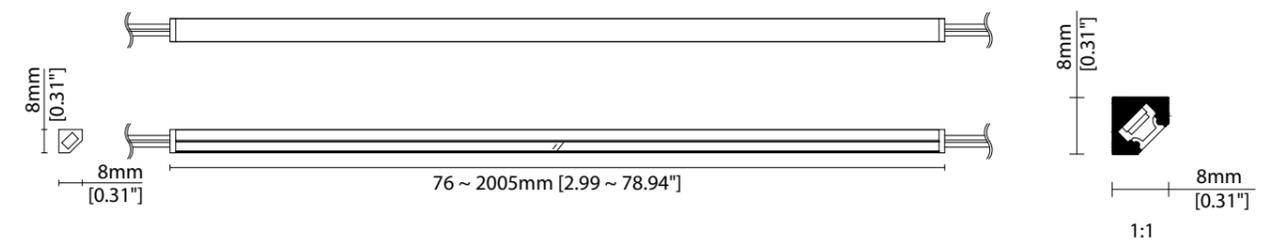


## Housing Data

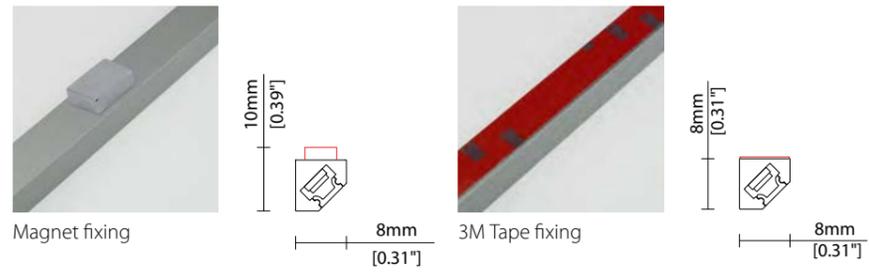
<b>Cover/Optics</b>	Diffused (110°)
<b>CCT</b>	<b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥93
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via 3M tape or magnet
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



— C0 / C180      cd / 1000 lm (Based on RS14)      ..... C90 / C270



## Mounting methods



## Detail shots



1. On state with white end caps
2. White fully diffused cover in off state



**Project:** Private Residence, Vietnam  
**Lighting Design:** Project Lighting Design Pte Ltd  
 KKDC Singapore

# TANA Nano 2



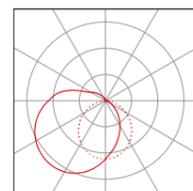
## LED Data (Based on 3000K, s-line)

	TANA Nano 2 RS14	TANA Nano 2 RS07
		
<b>Diffused Cover</b>	976lm/m (297lm/ft) 70lm/w	507lm/m (155lm/ft) 72lm/w
<b>Wattage</b>	14W/m (4.27W/ft)	7W/m (2.13W/ft)
<b>Dimension</b>	H11.7/W11.7/L85-2014mm (H0.46/W0.46/L3.34-79.29")	H11.7/W11.7/L85-2014mm (H0.46/W0.46/L3.34-79.29")
<b>PCB Cut-point</b>	35.7mm (1.41")	35.7mm (1.41")
<b>LED Pitch</b>	6mm – 168LED/m (0.24" – 51LED/ft)	6mm – 168LED/m (0.24" – 51LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 74.6°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 56.9°C)



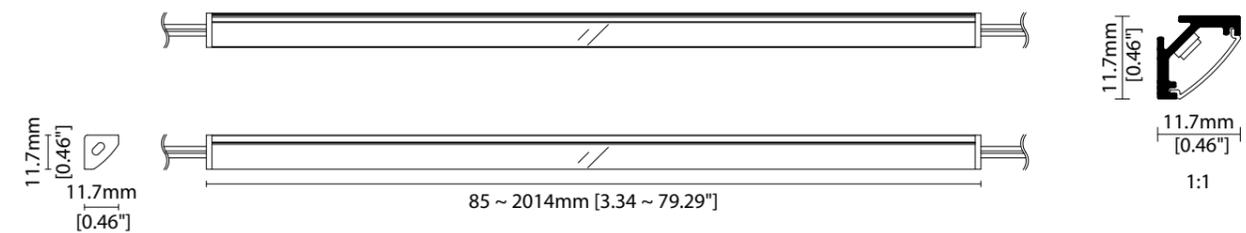
## Housing Data

<b>Cover/Optics</b>	Diffused (110°)
<b>CCT</b>	<b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥93
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via 3M tape or magnet
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



Diffused Cover

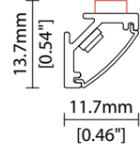
— C0 / C180      cd / 1000 lm (Based on RS14)      - - - C90 / C270



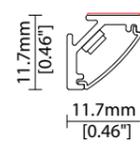
## Mounting methods



Magnet fixing



3M Tape fixing



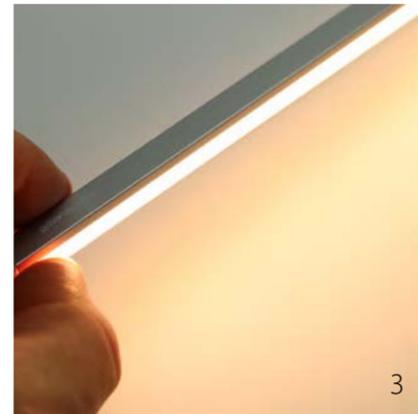
## Detail shots



1



2



3

1. Aluminium extrusion and diffused cover in off state
2. Curved cover with end cap cable exit hole
3. Miniature form factor with fully diffused output



**Project:** AD Interieurs, UK  
**Lighting Design:** Nicolas Schuybroek  
**Architect:** Nicolas Schuybroek  
**Photography:** Claessens & Deschamps  
KKDC England

# TANA Micro

TANA Micro



View online



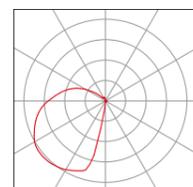
## LED Data (Based on 3000K, s-line)

	TANA Micro R020	TANA Micro R014	TANA Micro R007	TANA Micro R207
<b>No Cover</b>	1802lm/m (549lm/ft) 90lm/W	1350lm/m (412lm/ft) 97lm/W	646lm/m (197lm/ft) 92lm/W	1374lm/m (419lm/ft) 86lm/W
<b>Wattage</b>	20W/m (6.10W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	16W/m (4.88W/ft)
<b>Dimension</b>	H14/W15/L93-2010mm (H0.55/W0.59/L3.66-79.13")	H14/W15/L93-2010mm (H0.55/W0.59/L3.66-79.13")	H14/W15/L93-2010mm (H0.55/W0.59/L3.66-79.13")	H14/W15/L93.3-2010mm (H0.55/W0.59/L3.67-79.13")
<b>PCB Cut-point</b>	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")	83.3mm (3.28")
<b>LED Pitch</b>	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	13.9mm – 144LED/m (0.55" – 44LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 75°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 68°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 62°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 80°C)

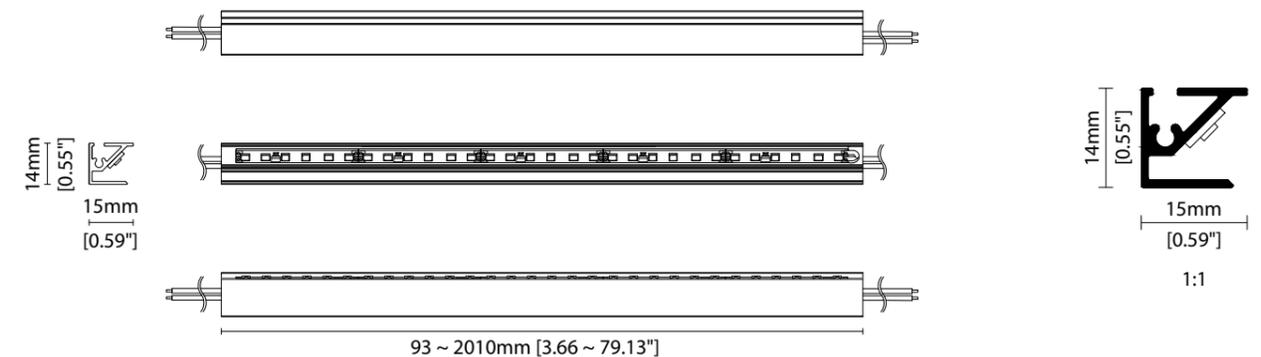


## Housing Data

<b>Cover/Optics</b>	No cover (90°)
<b>CCT</b>	<b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥95
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP20
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via 3M tape or screw mount end caps
<b>Power feed</b>	Hardwire tails
<b>Control</b>	0-10V/1-10V/DMX/DALI



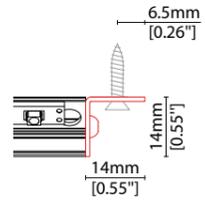
— C0 / C180    cd / 1000 lm    - - - C90 / C270



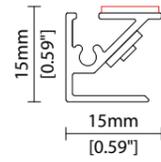
## Mounting methods



TMEC-02  
End cap bracket (pair)



3M Tape Mounting



## Detail shots



1. Concealed shelving application
2. Screw fixed optional metal end caps
3. Coverless LED strips for maximum output efficacy
4. Anodised aluminium extrusion with 45° angled LED position



**Project:** APC Filles du Calvaire, Paris  
**Lighting Design:** Franck Franjou  
**Architect:** Laurent Deroo  
**Photography:** Jean Garcin  
 KKDC France

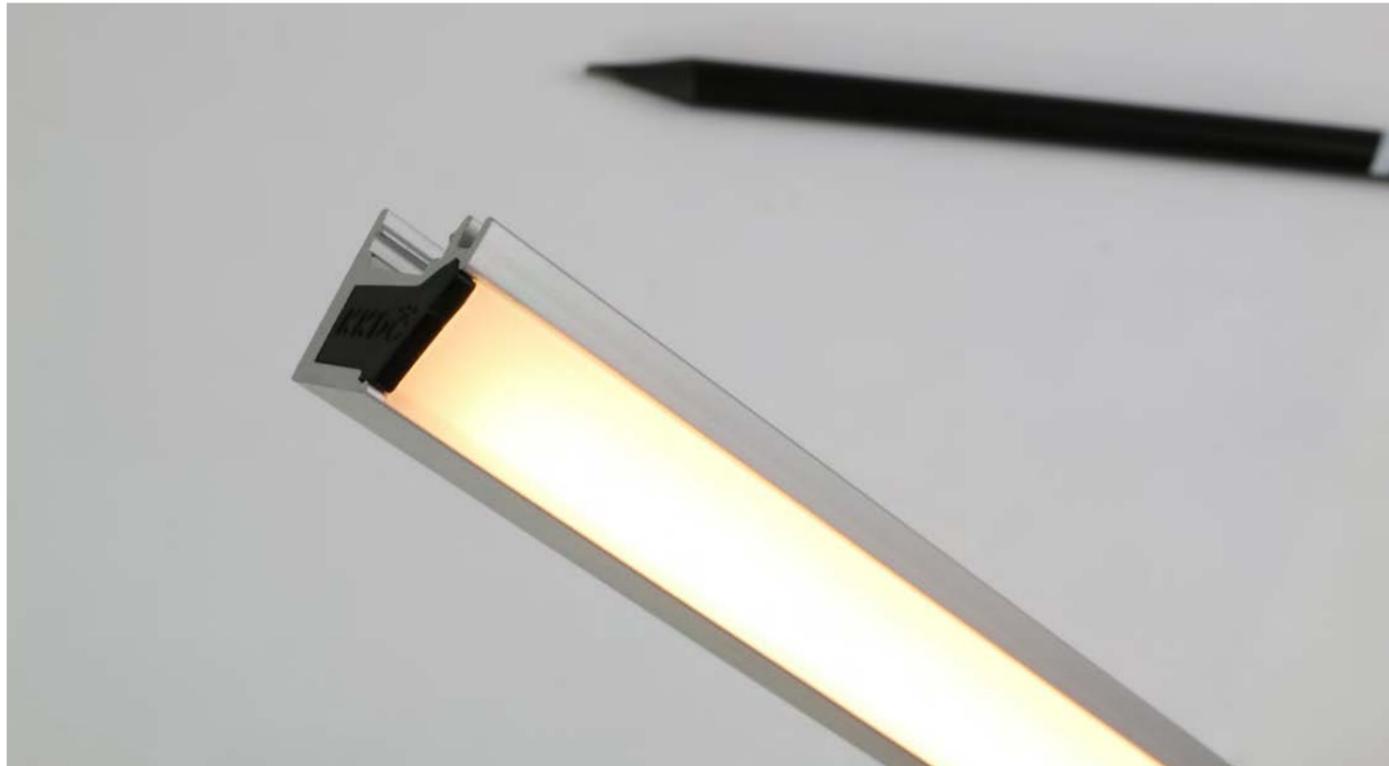


# TANA SP

TANA SP



View online



## LED Data (Based on 3000K, s-line)



TANA SP R014

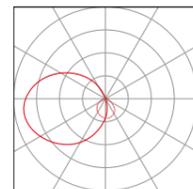


<b>Diffused Cover</b>	712lm/m (217lm/ft) 51lm/W
<b>Wattage</b>	14W/m (4.27W/ft)
<b>Dimension</b>	H15.8/W16/L103-2020mm (H0.62/W0.63/L4.06-79.53")
<b>PCB Cut-point</b>	41.7mm (1.64")
<b>LED Pitch</b>	6.95mm – 144LED/m (0.27" – 44LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 68°C)



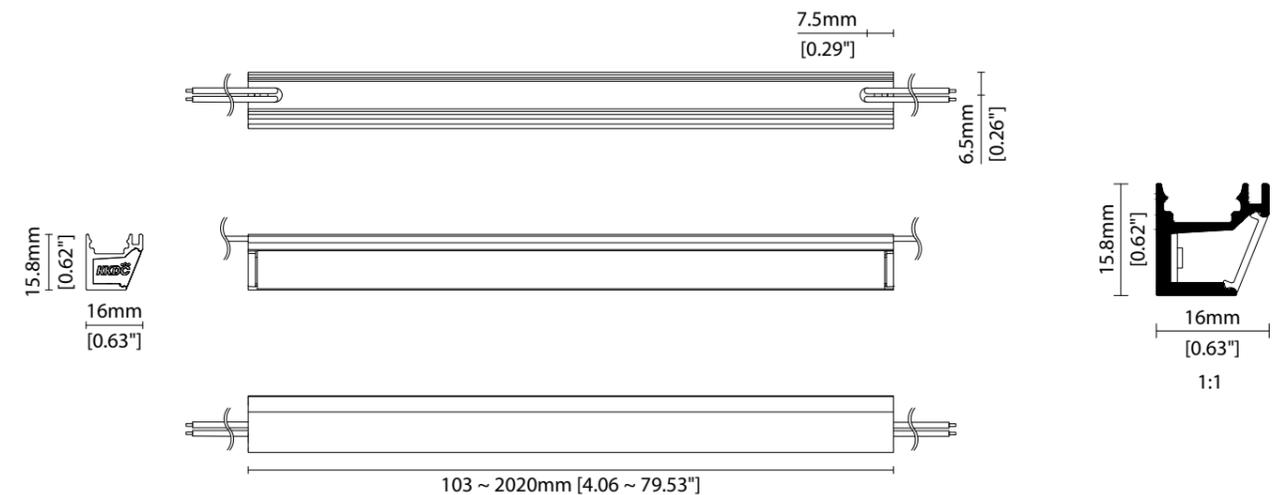
## Housing Data

<b>Cover/Optics</b>	Diffused (60°)
<b>CCT</b>	<b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥92
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via concealed clips
<b>Power feed</b>	Hardwire tails
<b>Control</b>	0-10V/1-10V/DMX/DALI

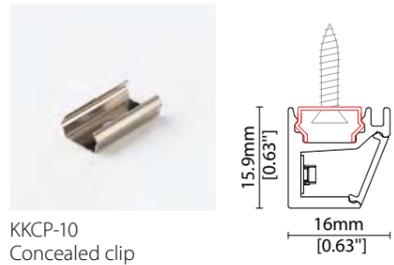


Diffused Cover

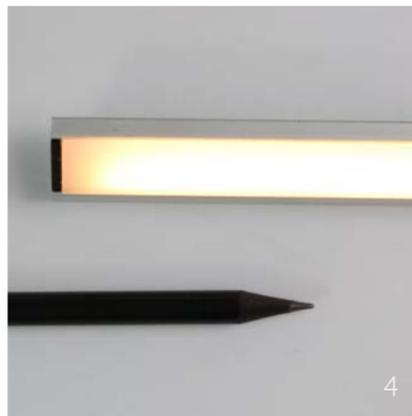
— C0 / C180      cd / 1000 lm      - - - - C90 / C270



## Mounting methods



## Detail shots



1. Removable diffused cover
2. Anodised aluminium extrusion
3. Concealed surface clip
4. Compact form with full diffusion



**Project:** Aesop, Starfield Goyang  
KKDC Korea



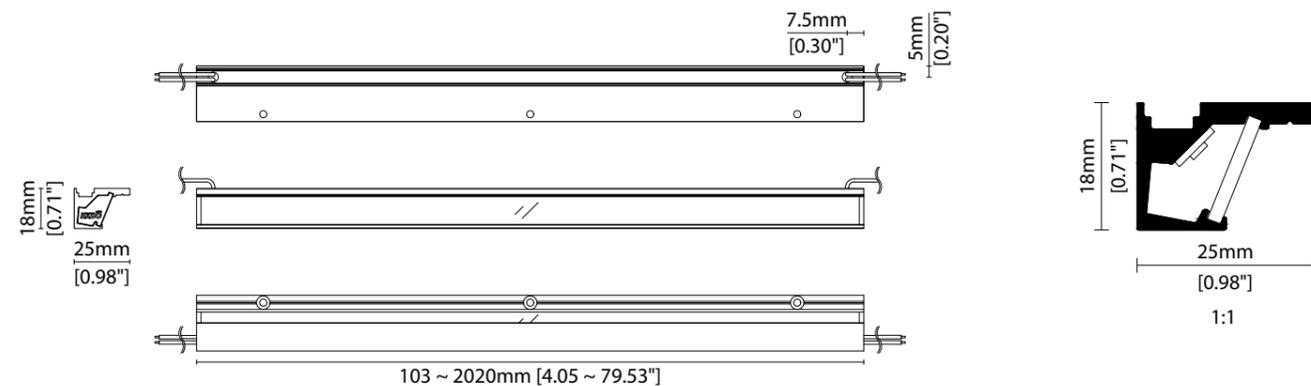
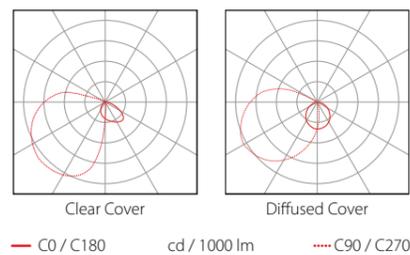
### LED Data (Based on 3000K, s-line)

	TANA R020	TANA R014	TANA2 R014	TANA R007	TANA R207	TANA RGB
<b>Clear Cover</b>	1569lm/m (478m/ft) 78lm/W	1098lm/m (335lm/ft) 78lm/W	1751lm/m (534lm/ft) 63lm/W	534lm/m (163lm/ft) 76lm/W	1221lm/m (372lm/ft) 76lm/W	Red: 119 (36) Green: 257 (78) Blue: 42 (13) RGB: 372 (113) (lm/m (lm/ft))
<b>Diffused Cover</b>	1102lm/m (336m/ft) 55lm/W	876lm/m (267lm/ft) 63lm/W	1365lm/m (416lm/ft) 49lm/W	423lm/m (129lm/ft) 60lm/W	882lm/m (269lm/ft) 55lm/W	Red: 86 (26) Green: 186 (57) Blue: 31 (9) RGB: 269 (82) (lm/m (lm/ft))
<b>Wattage</b>	20W/m (6.10W/ft)	14W/m (4.27W/ft)	28W/m (8.53W/ft)	7W/m (2.13W/ft)	16W/m (4.88W/ft)	15.6W/m (4.75W/ft)
<b>Dimension</b>	H18/W25/ L103-2020mm (H0.71/W0.98/ L4.05-79.53")	H18/W25/ L103-2020mm (H0.71/W0.98/ L4.05-79.53")	H18/W25/ L103-2020mm (H0.71/W0.98/ L4.05-79.53")	H18/W25/ L103-2020mm (H0.71/W0.98/ L4.05-79.53")	H18/W25/ L103-2020mm (H0.71/W0.98/ L4.05-79.53")	H18/W25/ L103-2020mm (H0.71/W0.98/ L4.05-79.53")
<b>PCB Cut-point</b>	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")	83.3mm (3.28")	83.3mm (3.28")
<b>LED Pitch</b>	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 288LED/m (0.27" – 88LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	13.9mm – 144LED/m (0.55" – 44LED/ft)	13.9mm – 72LED/m (0.55" – 22LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 70°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 63°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 63.5°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 57°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 67°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 83°C)

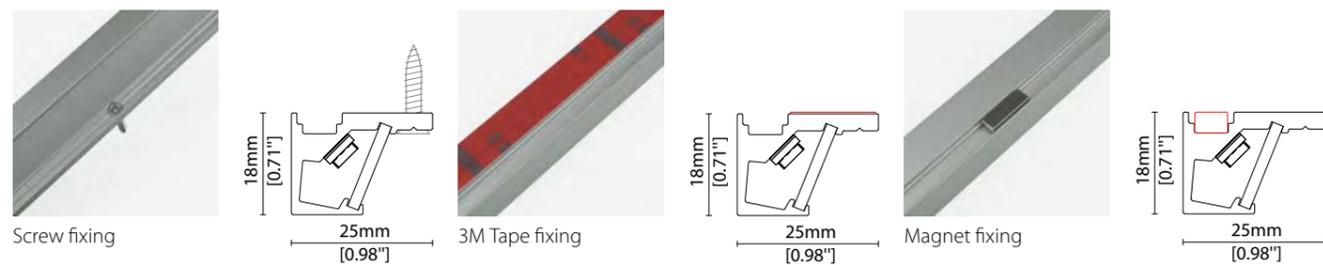


### Housing Data

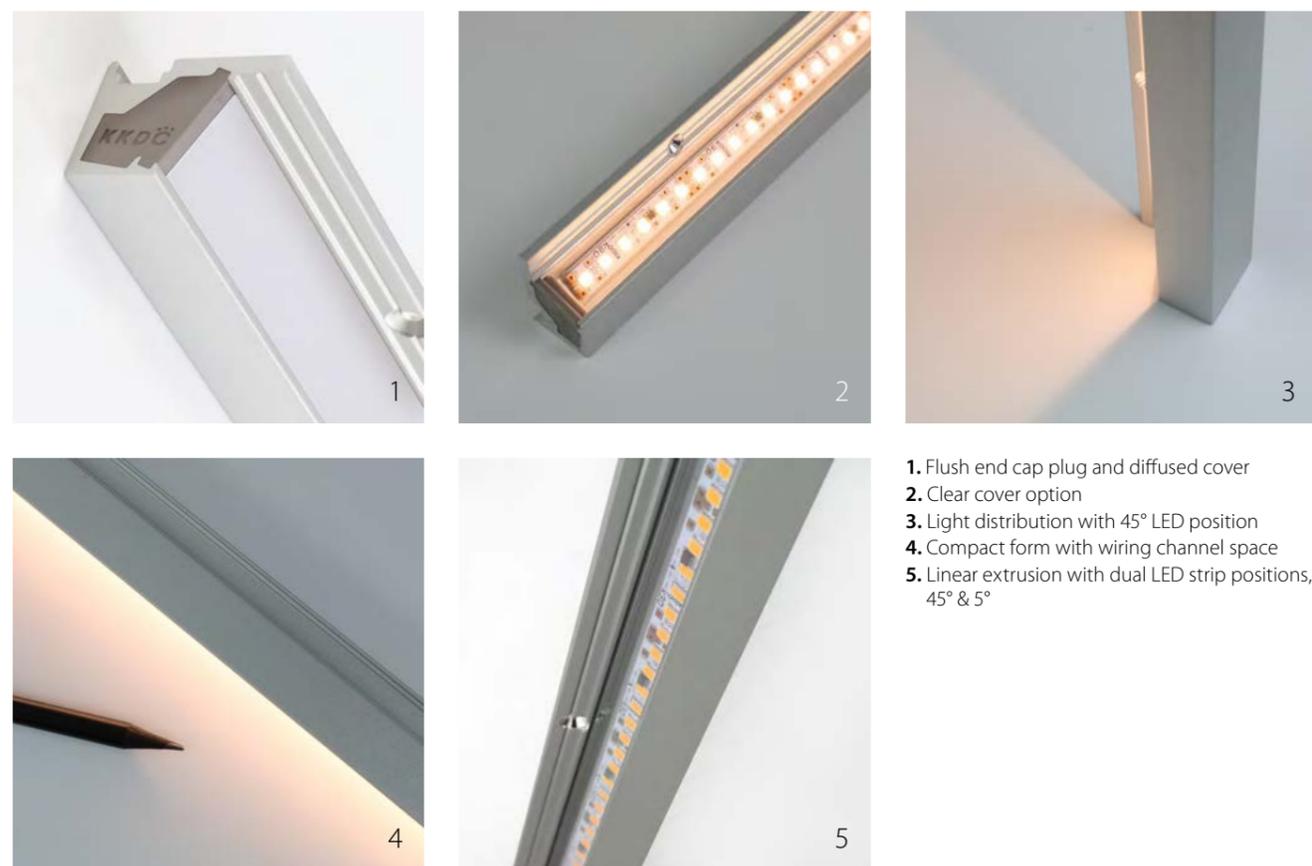
<b>Cover/Optics</b>	Diffused (110°)/Clear @ 45° position (90°)/ Clear @ 5° position (50°)
<b>CCT</b>	<b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/ 4000K/5000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/ 4000K/5000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥95
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via screw fixing, 3M tape or magnets
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



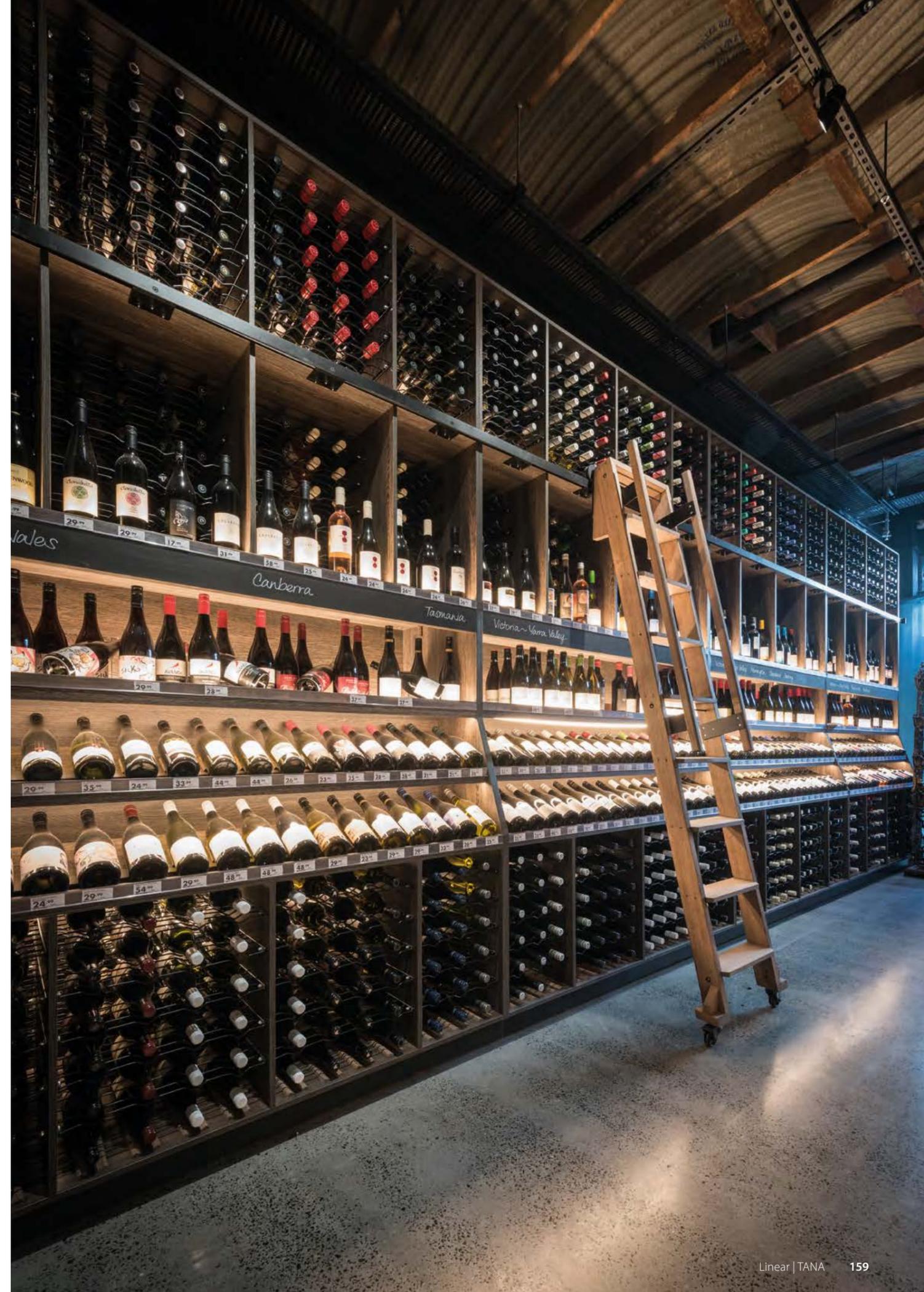
## Mounting methods



## Detail shots



1. Flush end cap plug and diffused cover
2. Clear cover option
3. Light distribution with 45° LED position
4. Compact form with wiring channel space
5. Linear extrusion with dual LED strip positions, 45° & 5°



**Project:** Dan Murphy's Cellar, Melbourne  
**Lighting Design:** Glowing Structures  
 Architectural Lighting Design Consultancy  
**Photography:** Red Jelly Photography  
 KKDC Melbourne

# TANA Asymmetric



## LED Data (Based on 3000K)



TANA Asymmetric AS30

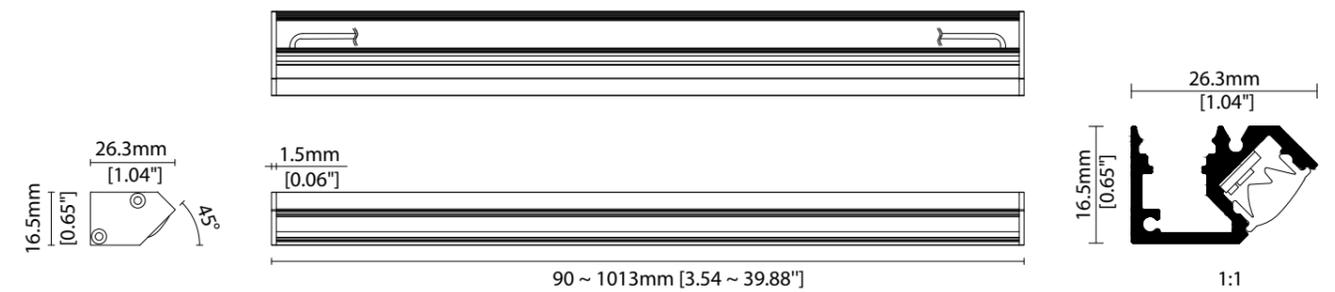
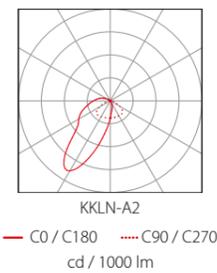


<b>KKLN-A2</b>	2970lm/m (905lm/ft) 99lm/w
<b>Wattage</b>	30W/m (9.14W/ft)
<b>Dimension</b>	H16.5/W26.3/L90-1013mm (H0.65/W1.04/L3.54-39.88")
<b>PCB Cut-point</b>	38.46mm (1.51")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 75.1°C)

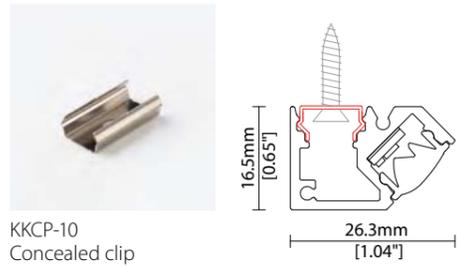


## Housing Data

<b>Cover/Optics</b>	KKLN-A2 Asymmetric lens
<b>CCT</b>	A-line: 2700K/3000K/4000K
<b>LED binning</b>	A-line: 3-step MacAdam ellipse
<b>CRI</b>	94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via concealed clips
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



## Mounting methods

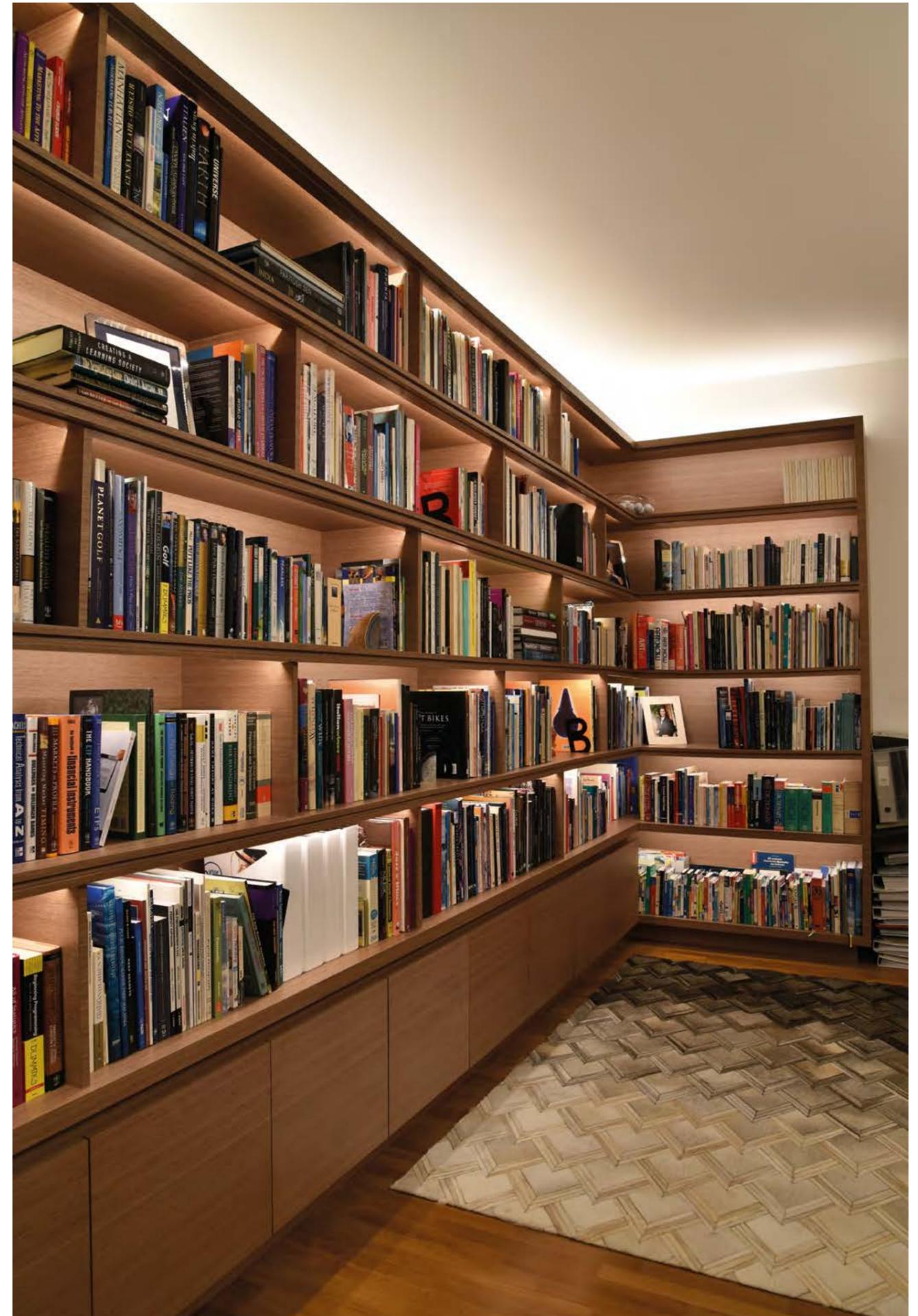


KKCP-10  
Concealed clip

## Detail shots



1. Rear channel space for wiring and concealed clip mounting
2. Asymmetric light output with 45° LED position
3. Focused light beam distribution for more control
4. Translucent lens with tight pitched AS30 LED strip



# TANA Spot



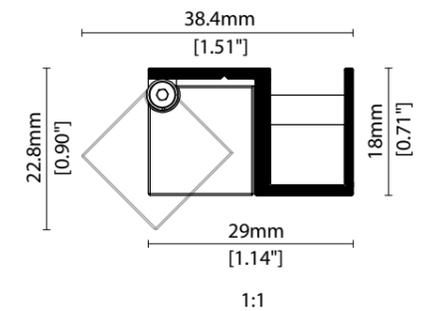
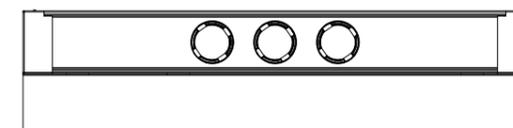
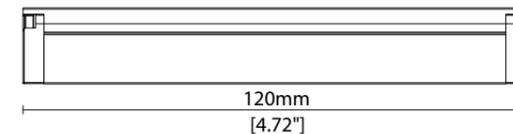
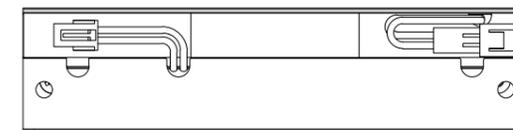
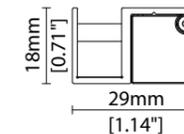
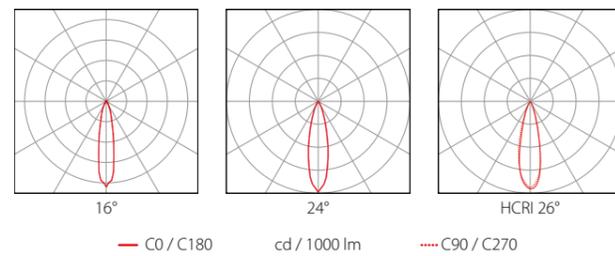
## LED Data (Based on 3000K)

	TANA Spot	TANA Spot HCRI
<b>16° Lens</b>	260lm/module 73lm/W	n/a
<b>24° Lens</b>	207lm/module 58lm/W	n/a
<b>26° Lens</b>	n/a	257lm/module 72lm/W
<b>Wattage</b>	3.57W	3.57W
<b>Dimension</b>	H18/W29/L120mm (H0.71/W1.14/L4.72")	H18/W29/L120mm (H0.71/W1.14/L4.72")
<b>LED Pitch</b>	15mm (0.59") – 3 LED per fixture	15mm (0.59") – 3 LED per fixture
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 86.1°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 86.1°C)

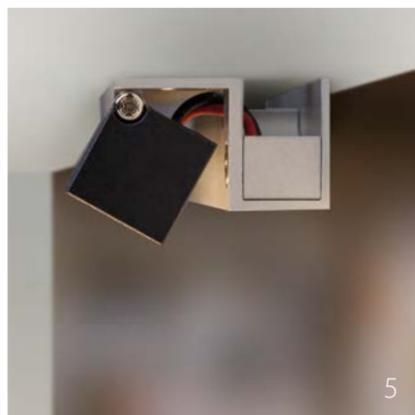
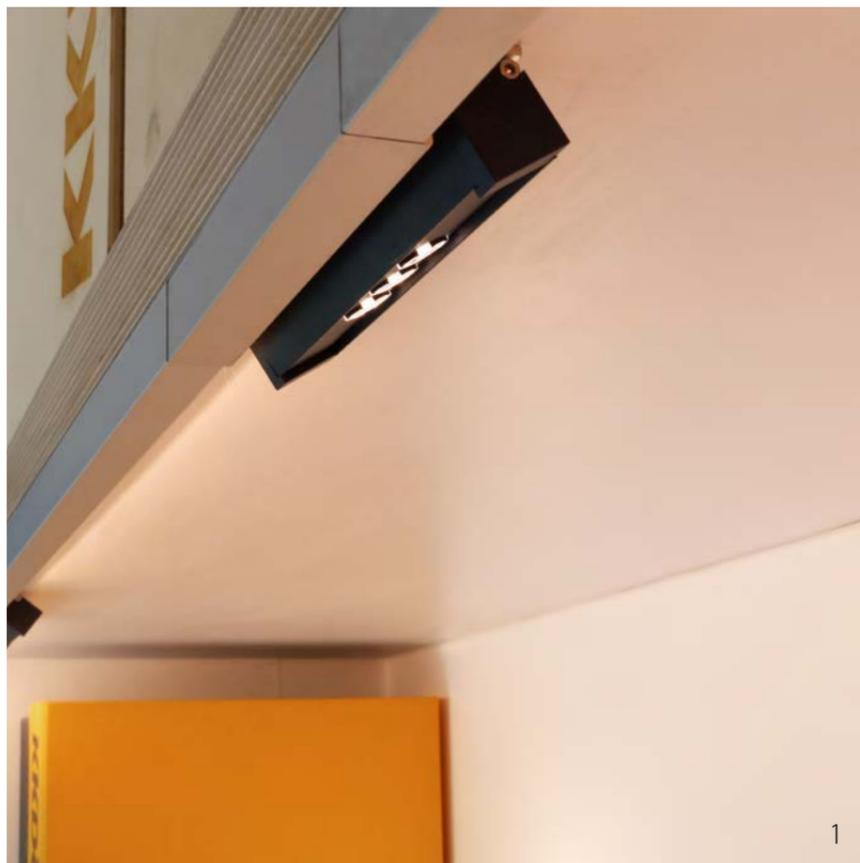


## Housing Data

<b>Cover/Optics</b>	<b>TANA Spot:</b> 16°/24° <b>TANA Spot HCRI:</b> 26°
<b>CCT</b>	<b>TANA Spot:</b> h-line: 2700K/3000K/3500K/4000K/5000K <b>TANA Spot HCRI:</b> h-line: 2700K/3000K
<b>LED binning</b>	<b>TANA Spot:</b> h-line: 3-step MacAdam Ellipse (2700K/3000K/3500K/4000K) 4-step MacAdam Ellipse (5000K) <b>TANA Spot HCRI:</b> h-line: 3-step MacAdam Ellipse
<b>CRI</b>	≥90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via screw fixing
<b>Power feed</b>	Male/female connectors
<b>Control</b>	Non-dimmable



Detail shots



- 1. Black and silver anodised finishes
- 2. Array of 3 mini lensed power LEDs
- 3. Integral driver with M/F connectors
- 4. TANA Spot installed in-line with TANA profile
- 5. Adjustable angle spotlight



## 05. PICO



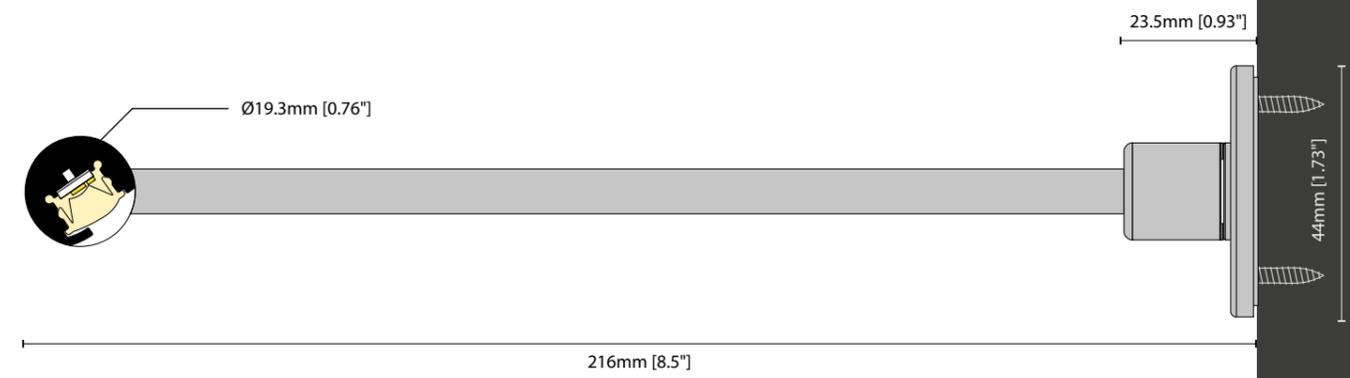
\*Profile drawings are 1:1 scale



PICO

Arm mounted cylindrical luminaire with rotational LED position designed for wall mounted picture lighting or display cabinets, featuring unique screw-on power-feed mounting brackets.

# PICO



	PICO Asymmetric
LED	AS30
W/m	30W
Line	
IP	IP40
Cover & Optics	Asymmetric lens

# PICO Asymmetric



## LED Data (Based on 3000K)



PICO Asymmetric AS30

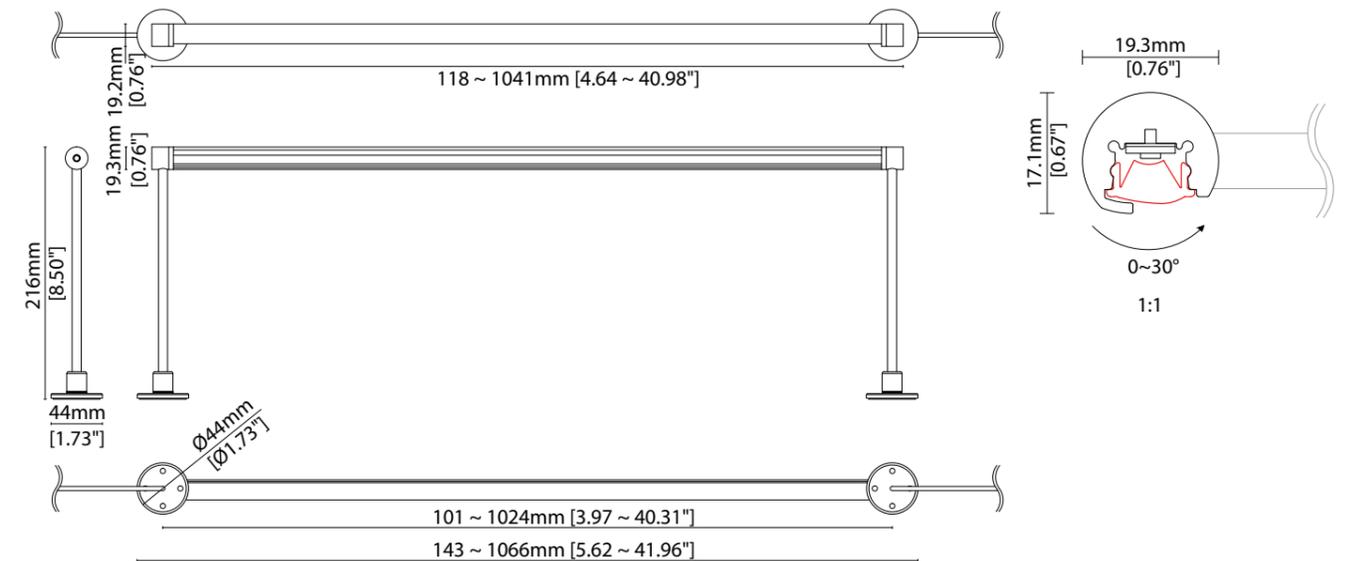
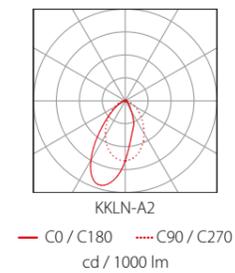


<b>KKLN-A2</b>	2880lm/m (878lm/ft) 96lm/w
<b>Wattage</b>	30W/m (9.14W/ft)
<b>Dimension</b>	H17.1/W19.3/L118-1041mm (H0.67/W0.76/L4.64-40.98")
<b>PCB Cut-point</b>	38.46mm (1.51")
<b>LED Pitch</b>	4.8mm - 208LED/m (0.19" - 64LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 80.1°C)

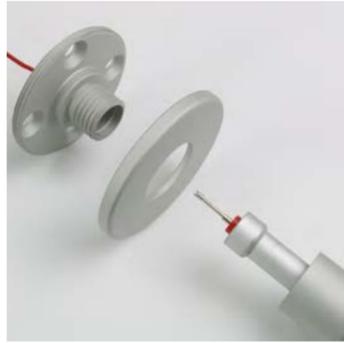


## Housing Data

<b>Cover/Optics</b>	KKLN-A2 Asymmetric lens
<b>CCT</b>	A-line: 2700K/3000K/4000K
<b>LED binning</b>	A-line: 3-step MacAdam ellipse
<b>CRI</b>	94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounted wall brackets
<b>Power feed</b>	Hardwire tails (Polarity split between mounting arms)
<b>Control</b>	0-10V/1-10V/DMX/DALI

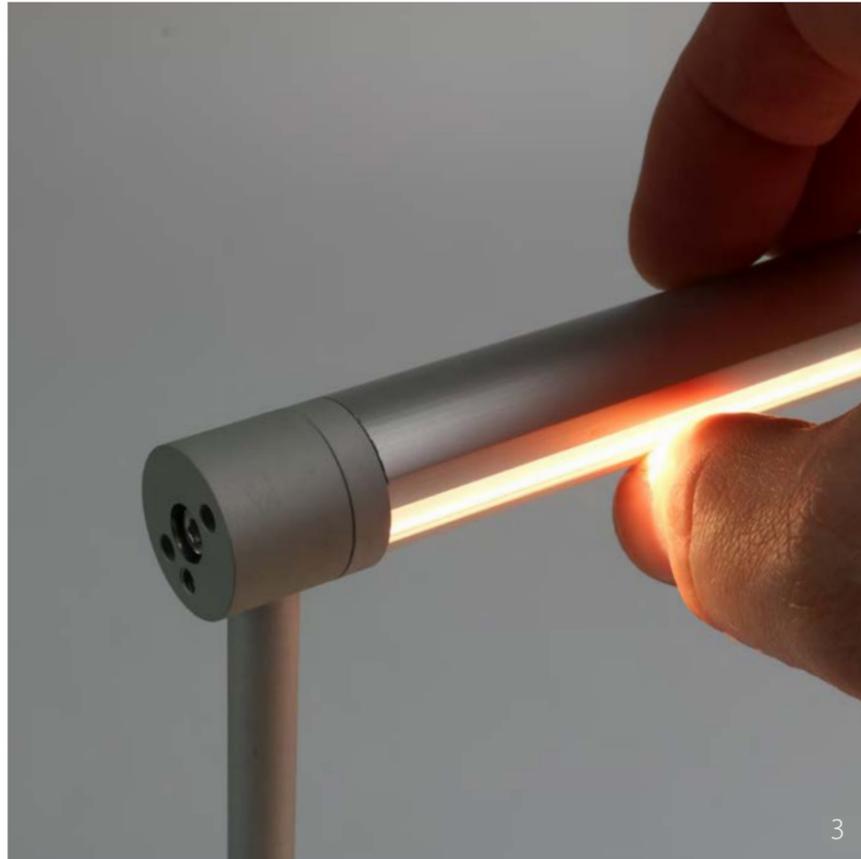
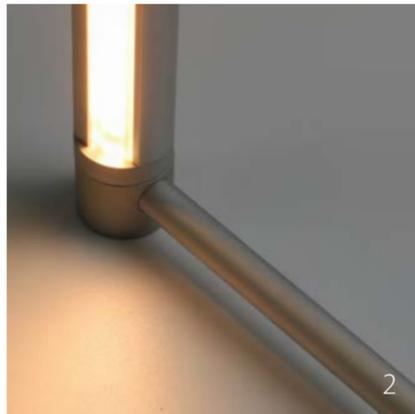


## Mounting methods



Wall mounting plate with removable push-pin +/- connections

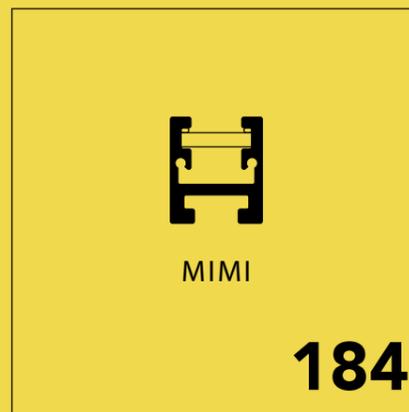
## Detail shots



1. Compact & robust anodised aluminium housing
2. Asymmetric lens for powerful wallwashing
3. Rotational head unit to adjust angle

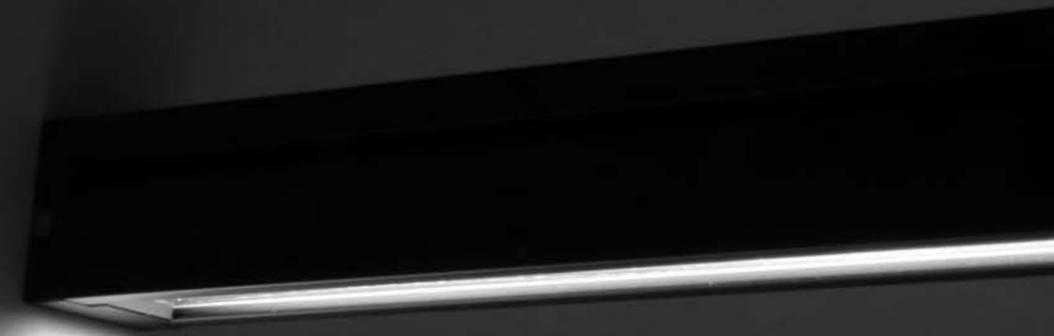


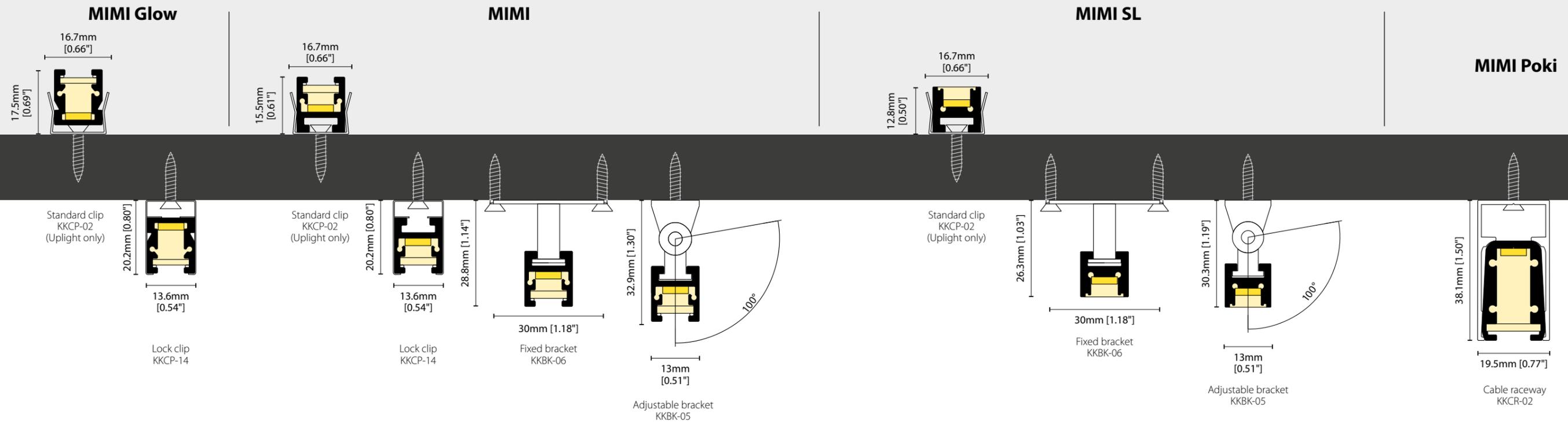
## 06. MIMI Series



\*Profile drawings are 1:1 scale

Exterior range of small-form linear fixtures with IP44 or IP67 variants and wide selection of surface mounting methods designed for integration into architectural details. Diffused or clear cover options with many LED strips available.





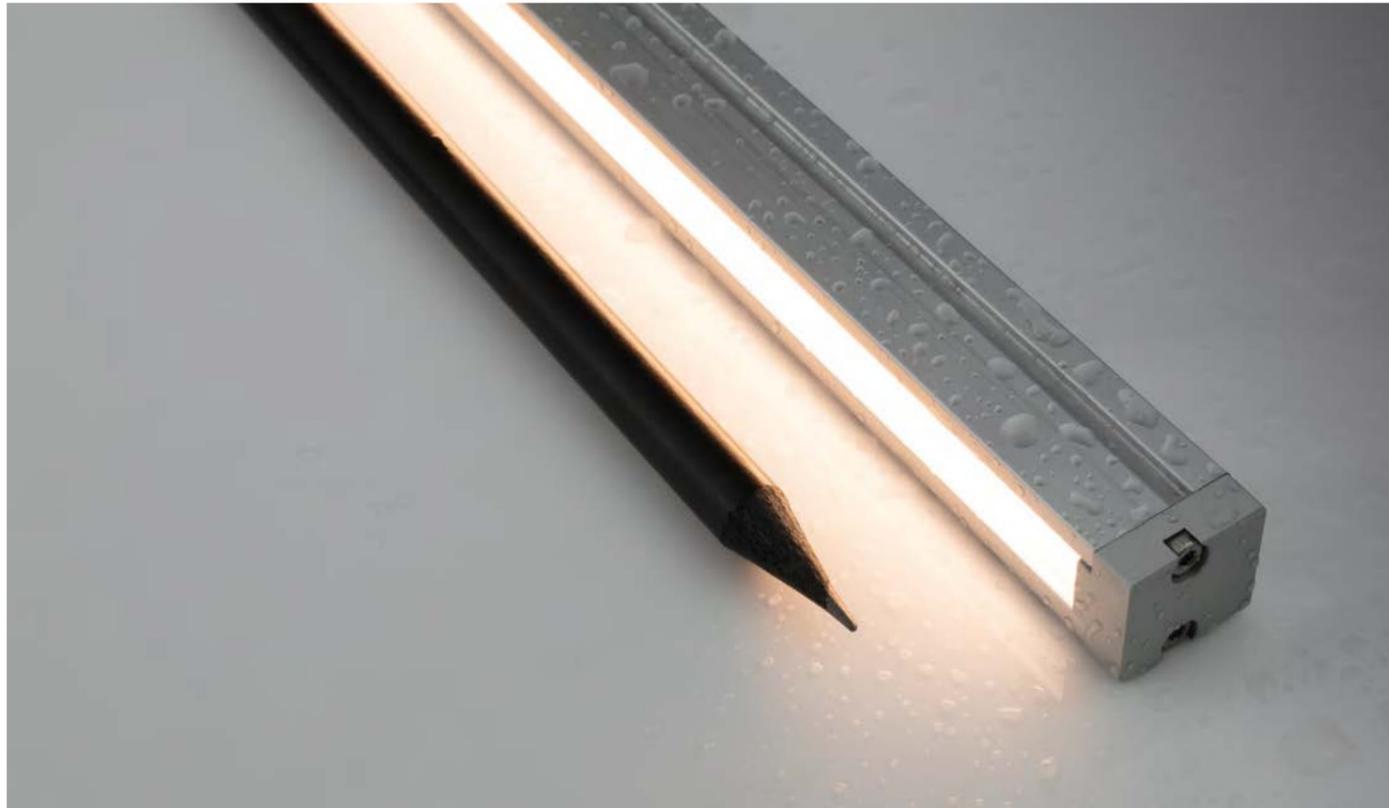
		MIMI Glow			MIMI						MIMI SL				MIMI Poki						
LED		A020	A010	R020	A020	A010	R020	R014	R007	R207	RGB	R020	R014	R007	RGB	R020	R014	R007	R207	RGB	
W/m		20W	10W	20W	20W	10W	20W	14W	7W	16W	15.6W	20W	14W	7W	15.6W	20W	14W	7W	16W	15.6W	
Line		A	A	s-k	A	A	s-k	s-k	s-k	s-k	RGB	s-k	s-k	s-k	RGB	s-k	s-k	s-k	s-k	RGB	
IP	IP44	■	■	■	■	■	■	■	■	■	■					■	■	■	■	■	
	IP67	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Cover & Optics	Clear				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	Diffused	■	■	■	■	■	■	■	■	■	■					■	■	■	■	■	■
	Black				■	■	■	■	■	■	■										
	Nano Louvre	■	■	■	■	■	■	■	■	■	■										

# MIMI Glow

MIMI Glow



View online



## LED Data (Based on 3000K, A-line/s-line)

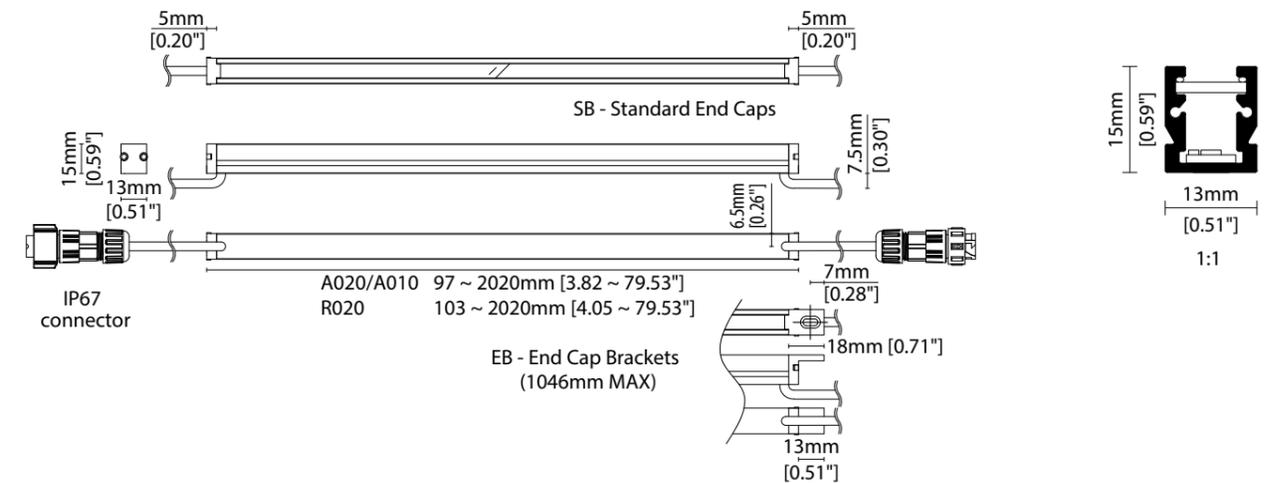
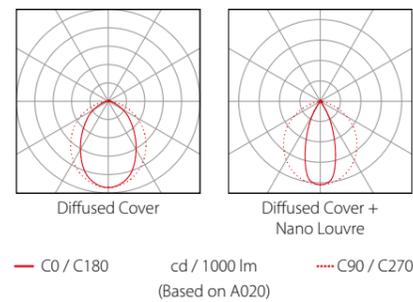
	MIMI Glow A020 A-	MIMI Glow A010 A-	MIMI Glow R020 s-k-
<b>Diffused Cover</b>	840lm/m (256lm/ft) 42lm/W	420lm/m 128lm/ft 42lm/W	621lm/m (189lm/ft) 31lm/w
<b>Diffused Cover + Nano Louvre</b>	320lm/m (98lm/ft) 16lm/W	160lm/m 49lm/ft 16lm/W	187lm/m (57lm/ft) 9lm/w
<b>Wattage</b>	20W/m (6.1W/ft)	10W/m (3.05W/ft)	20W/m (6.1W/ft)
<b>Dimension</b>	H15/W13/L97-2020mm* (H0.59/W0.51/L3.82-79.53)**	H15/W13/L97-2020mm* (H0.59/W0.51/L3.82-79.53)**	H15/W13/L103-2020mm* (H0.59/W0.51/L4.05-79.53)**
<b>PCB Cut-point</b>	38.46mm (1.51")	38.46mm (1.51")	41.7mm (1.64")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)	4.8mm – 208LED/m (0.19" – 64LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 83.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 74.9°C)	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 76°C)

\*Nano Louvre = 1020mm/40.16" Max



## Housing Data

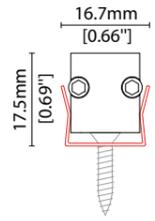
<b>Cover/Optics</b>	Diffused (86°)/Nano louvre (35°)
<b>CCT</b>	<b>A-line:</b> 2700K/3000K/4000K <b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>A-line:</b> 3-step MacAdam ellipse <b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP44/IP67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting lock clip or adjustable bracket
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



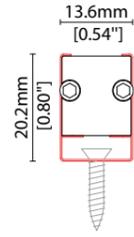
## Mounting methods



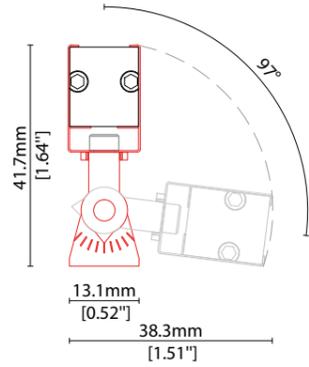
KKCP-02  
Clip



KKCP-14  
Lock clip



KKBK-24  
Adjustable bracket



## Detail shots



1



2

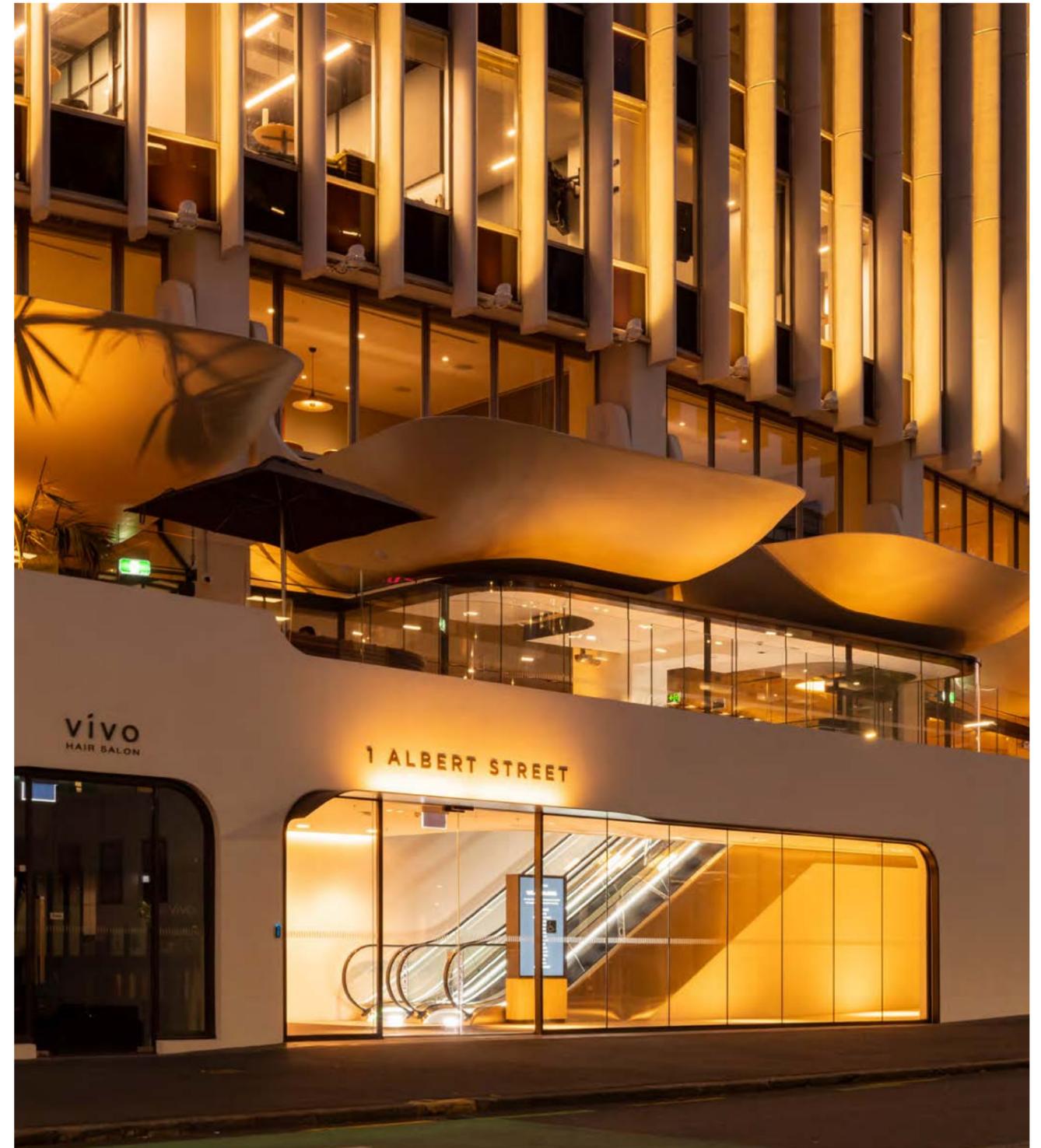


3

1. Special end cap bracket for recessed handrail mounting
2. Adjustable and lockable angle bracket clip
3. CNC Machined aluminium end cap and anodised extruded housing
4. Fully homogenous diffused cover



4

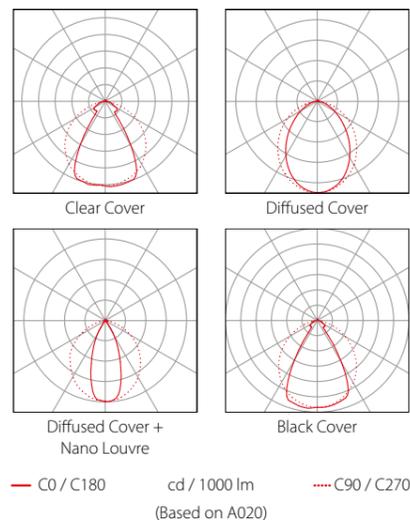


**Project:** 1 Albert Street, Auckland  
**Lighting Design:** Switch Lighting Design (Omar Shahab)  
**Architect:** Ignite Architects  
**Photography:** Jono Parker Photography  
 KKDC New Zealand



## Housing Data

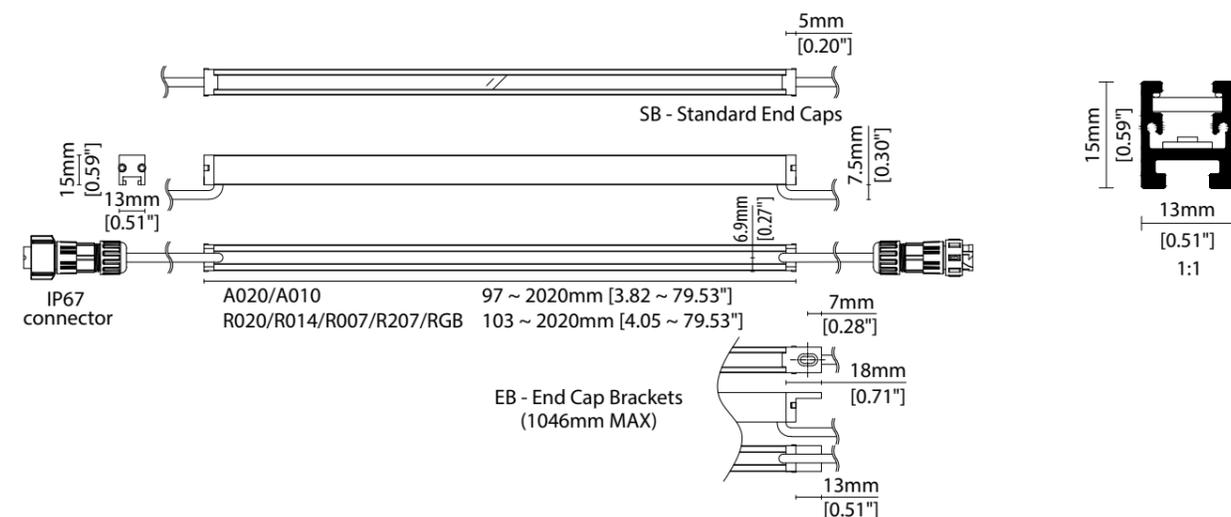
<b>Cover/Optics</b>	Clear (75°)/Diffused (95°)/Nano louvre (35°)/Black (63°)
<b>CCT</b>	<p><b>A-line:</b> 2700K/3000K/4000K</p> <p><b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber</p> <p><b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K</p>
<b>LED binning</b>	<p><b>A-line:</b> 3-step MacAdam ellipse</p> <p><b>s-line:</b> 2-step MacAdam ellipse</p> <p><b>k-line:</b> 3-step MacAdam ellipse</p>
<b>CRI</b>	≥94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP44/IP67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via clips or brackets
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



## LED Data (Based on 3000K, A-line/s-line)

	MIMI A020	MIMI A010	MIMI R020	MIMI R014	MIMI R007	MIMI R207	MIMI RGB
<b>Clear Cover</b>	1840lm/m (561lm/ft) 92lm/w	920lm/m (280lm/ft) 92lm/w	1208lm/m (368lm/ft) 60lm/W	979lm/m (299lm/ft) 70lm/W	475lm/m (145lm/ft) 68lm/W	984lm/m (300lm/ft) 62lm/W	Red: 98 (30) Green: 210 (64) Blue: 35 (11) RGB: 305 (93)*
<b>Diffused Cover</b>	1500lm/m (457lm/ft) 75lm/w	750lm/m (229lm/ft) 75lm/w	954lm/m (291lm/ft) 48lm/W	772lm/m (235lm/ft) 55lm/W	371lm/m (113lm/ft) 53lm/W	780lm/m (238lm/ft) 49lm/W	Red: 80 (24) Green: 172 (52) Blue: 29 (9) RGB: 250 (76)*
<b>Diffused Cover + Nano Louvre</b>	520lm/m (158lm/ft) 26lm/w	260lm/m (79lm/ft) 26lm/w	339lm/m (103lm/ft) 17lm/W	267lm/m (81lm/ft) 19lm/W	126lm/m (38lm/ft) 18lm/W	271lm/m (83lm/ft) 17lm/W	Red: 21 (6) Green: 44 (13) Blue: 7 (2) RGB: 64 (19)*
<b>Black Cover</b>	760lm/m (232lm/ft) 38lm/w	380lm/m (116lm/ft) 38lm/w	509lm/m (155lm/ft) 25lm/W	401lm/m (122lm/ft) 29lm/W	193lm/m (59lm/ft) 28lm/W	407lm/m (124lm/ft) 25lm/W	Red: 58 (18) Green: 126 (38) Blue: 21 (6) RGB: 183 (56)*
<b>Wattage</b>	20W/m (6.1W/ft)	10W/m (3.05W/ft)	20W/m (6.1W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	16W/m (4.88W/ft)	15.6W/m (4.75W/ft)
<b>Dimension</b>	H15/W13/ L97-2020mm** (H0.59/W0.51/ L3.82-79.53)**	H15/W13/ L97-2020mm** (H0.59/W0.51/ L3.82-79.53)**	H15/W13/ L103-2020mm** (H0.59/W0.51/ L4.05-79.53)**	H15/W13/ L103-2020mm** (H0.59/W0.51/ L4.05-79.53)**	H15/W13/ L103-2020mm** (H0.59/W0.51/ L4.05-79.53)**	H15/W13/ L103-2020mm** (H0.59/W0.51/ L4.05-79.53)**	H15/W13/ L103-2020mm** (H0.59/W0.51/ L4.05-79.53)**
<b>PCB Cut-point</b>	38.46mm (1.51")	38.46mm (1.51")	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")	83.3mm (3.28")	83.3mm (3.28")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)	4.8mm – 208LED/m (0.19" – 64LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	13.9mm – 144LED/m (0.55" – 44LED/ft)	13.9mm – 72LED/m (0.55" – 22LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 83.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 74.9°C)	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 70°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 68°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 62°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 75°C)	T <sub>a</sub> = -25 to 55°C (T <sub>c</sub> Max = 70°C)

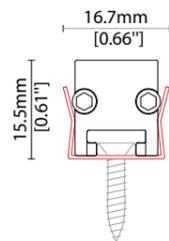
\*\*Nano Louvre = 1020mm/40.16" Max



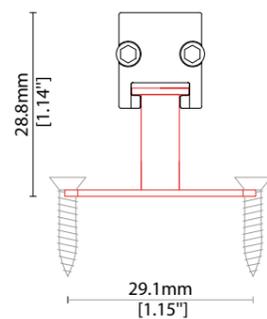
## Mounting methods



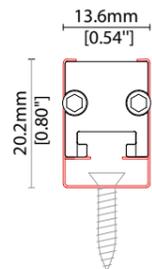
KKCP-02  
Clip



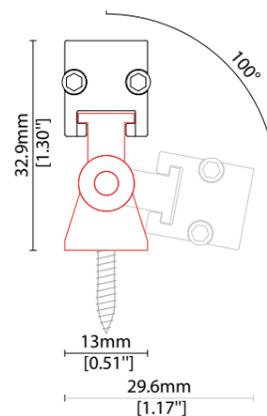
KKBK-06  
Fixed bracket



KKCP-14  
Lock clip



KKBK-05  
Adjustable bracket



## Detail shots



1



2



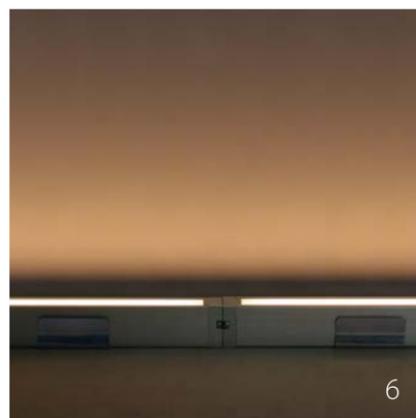
3



4



5



6



### Above

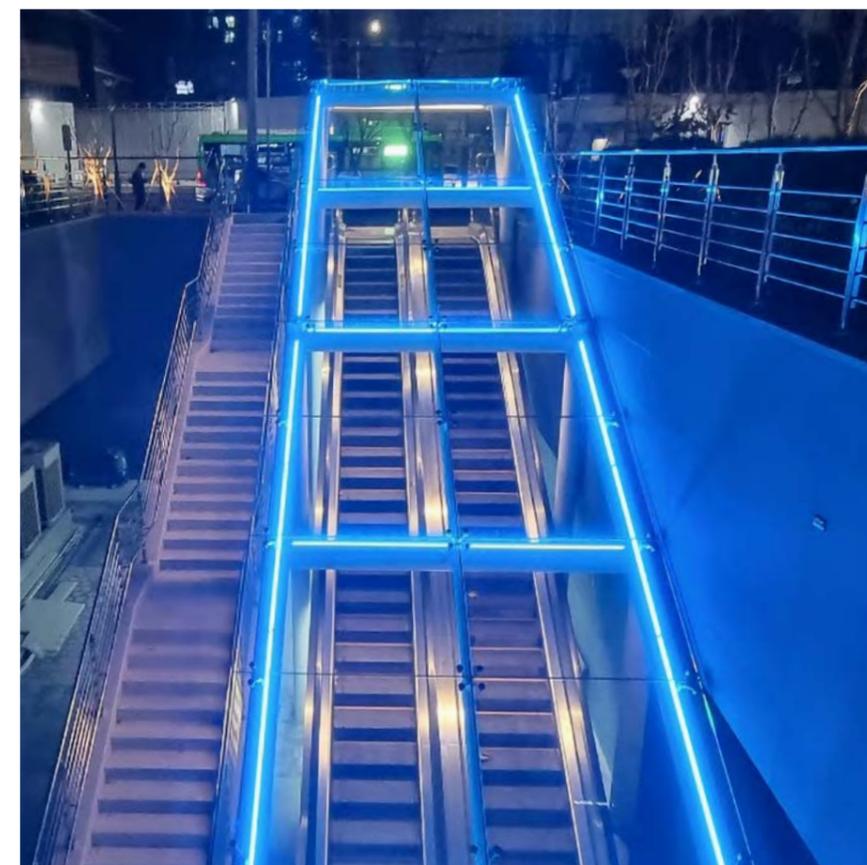
**Project:** Science Gallery, London  
**Lighting Design:** ARUP London  
**Architect:** LTS Architects  
**Photography:** Peter Landers  
KKDC England

### Right

**Project:** NH Seoul Tower  
**Lighting Design:** C&C Lightway, Ji Jae Hoon  
**Architect:** GS Neotek  
KKDC Korea

### Previous page

1. Special end cap bracket for recessed handrail mounting
2. Compact size without spotting
3. Black anodised housing with Nano louvre option (IP44 only)
4. Rear cable exit
5. Tight pitched LED and diffused cover
6. Light output when placed end to end with standard clips





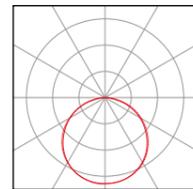
## LED Data (Based on 3000K, s-line)

	 MIMI SL R020	 MIMI SL R014	 MIMI SL R007	 MIMI SL RGB
<b>Clear Cover</b>	1463lm/m (446lm/ft) 73lm/W	1024lm/m (312lm/ft) 73lm/W	490lm/m (149lm/ft) 70lm/W	Red: 113lm/m (34lm/ft) Green: 224lm/m (68lm/ft) Blue: 40lm/m (12lm/ft) RGB: 353lm/m (108lm/ft)
<b>Wattage</b>	20W/m (6.10W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	15.6W/m (4.75W/ft)
<b>Dimension</b>	H12.3/W13/L99-2016mm (H0.48/W0.51/L3.89-79.37")	H12.3/W13/L99-2016mm (H0.48/W0.51/L3.89-79.37")	H12.3/W13/L99-2016mm (H0.48/W0.51/L3.89-79.37")	H12.3/W13/L99-2016mm (H0.48/W0.51/L3.89-79.37")
<b>PCB Cut-point</b>	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")	83.3mm (3.28")
<b>LED Pitch</b>	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	13.9mm – 72LED/m (0.55" – 22LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 78°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 71°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 65°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 70°C)

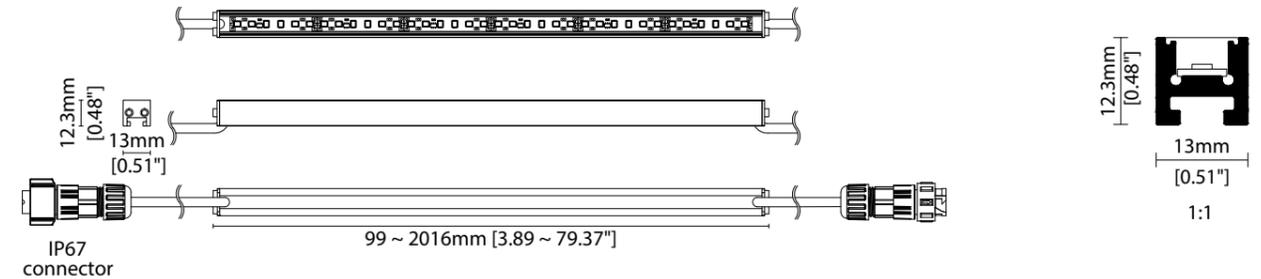


## Housing Data

<b>Cover/Optics</b>	Clear silicone (110°)
<b>CCT</b>	<b>s-line:</b> 2300K/2500K/3000K/3400K/4000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 2300K/2500K/3000K/3400K/4000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via clips or brackets
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



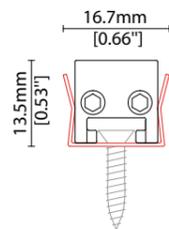
— C0 / C180 — C90 / C270  
cd / 1000 lm



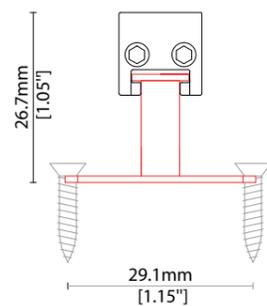
## Mounting methods



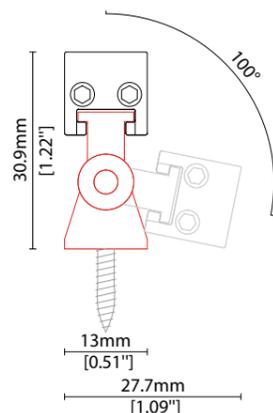
KKCP-02  
Clip



KKBK-06  
Fixed bracket



KKBK-05  
Adjustable bracket



## Detail shots



1



2



3



4

1. Stainless steel end cap with sheathed cable exit
2. Compact linear LED suitable for exterior
3. Tight pitched LED to minimise close off-set shadowing
4. Anodised aluminium housing with clear silicone potting for IP67



**Project:** Zig Zag Building, London  
**Lighting Design:** Firefly Lighting Design  
**Photography:** Nick Hufton  
 KKDC England

# MIMI Poki

MIMI Poki



View online



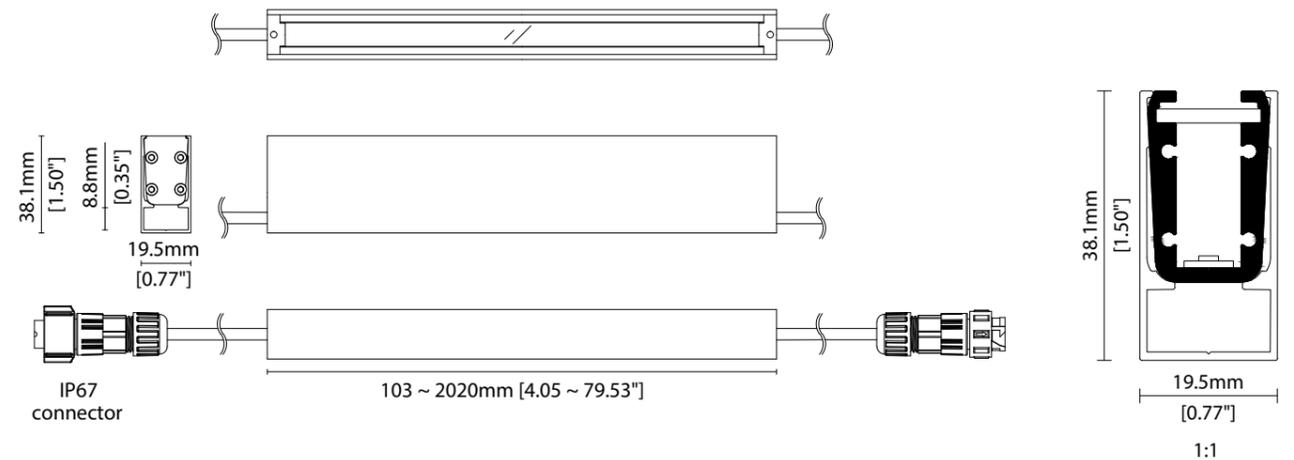
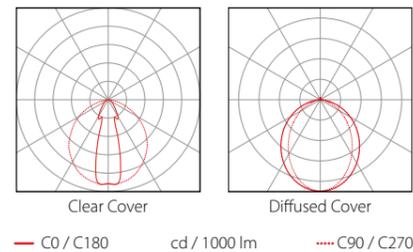
## LED Data (Based on 3000K, s-line)

	 <b>MIMI Poki R020</b>	 <b>MIMI Poki R014</b>	 <b>MIMI Poki R007</b>	 <b>MIMI Poki R207</b>	 <b>MIMI Poki RGB</b>
					
<b>Clear Cover</b>	689lm/m (210lm/ft) 35lm/W	478lm/m (146lm/ft) 34lm/W	229lm/m (70lm/ft) 33lm/W	556lm/m (170lm/ft) 35lm/W	Red: 50lm/m (15lm/ft) Green: 107lm/m (33lm/ft) Blue: 18lm/m (5lm/ft) RGB: 155lm/m (47lm/ft)
<b>Diffused Cover</b>	485lm/m (148lm/ft) 24lm/W	344lm/m (105lm/ft) 25lm/W	160lm/m (49lm/ft) 23lm/W	366lm/m (112lm/ft) 23lm/W	Red: 33lm/m (10lm/ft) Green: 72lm/m (22lm/ft) Blue: 12lm/m (4lm/ft) RGB: 104lm/m (32lm/ft)
<b>Wattage</b>	20W/m (6.10W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	16W/m (4.88W/ft)	15.6W/m (4.75W/ft)
<b>Dimension</b>	H38.1/W19.5/ L103-2020mm (H1.5/W0.77/ L4.05-79.53")	H38.1/W19.5/ L103-2020mm (H1.5/W0.77/ L4.05-79.53")	H38.1/W19.5/ L103-2020mm (H1.5/W0.77/ L4.05-79.53")	H38.1/W19.5/ L103-2020mm (H1.5/W0.77/ L4.05-79.53")	H38.1/W19.5/ L103-2020mm (H1.5/W0.77/ L4.05-79.53")
<b>PCB Cut-point</b>	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")	83.3mm (3.28")	83.3mm (3.28")
<b>LED Pitch</b>	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	13.9mm – 144LED/m (0.55" – 44LED/ft)	13.9mm – 72LED/m (0.55" – 22LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 76°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 69°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 63°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 75°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 68.6°C)

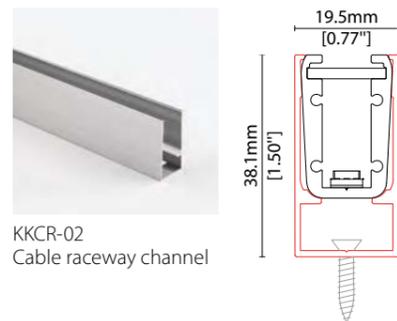


## Housing Data

<b>Cover/Optics</b>	Clear (30°)/Diffused (80°)
<b>CCT</b>	<b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥96
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP44/67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via cable raceway
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



**Mounting methods**



KKCR-02  
Cable raceway channel

**Detail shots**



1



2



3

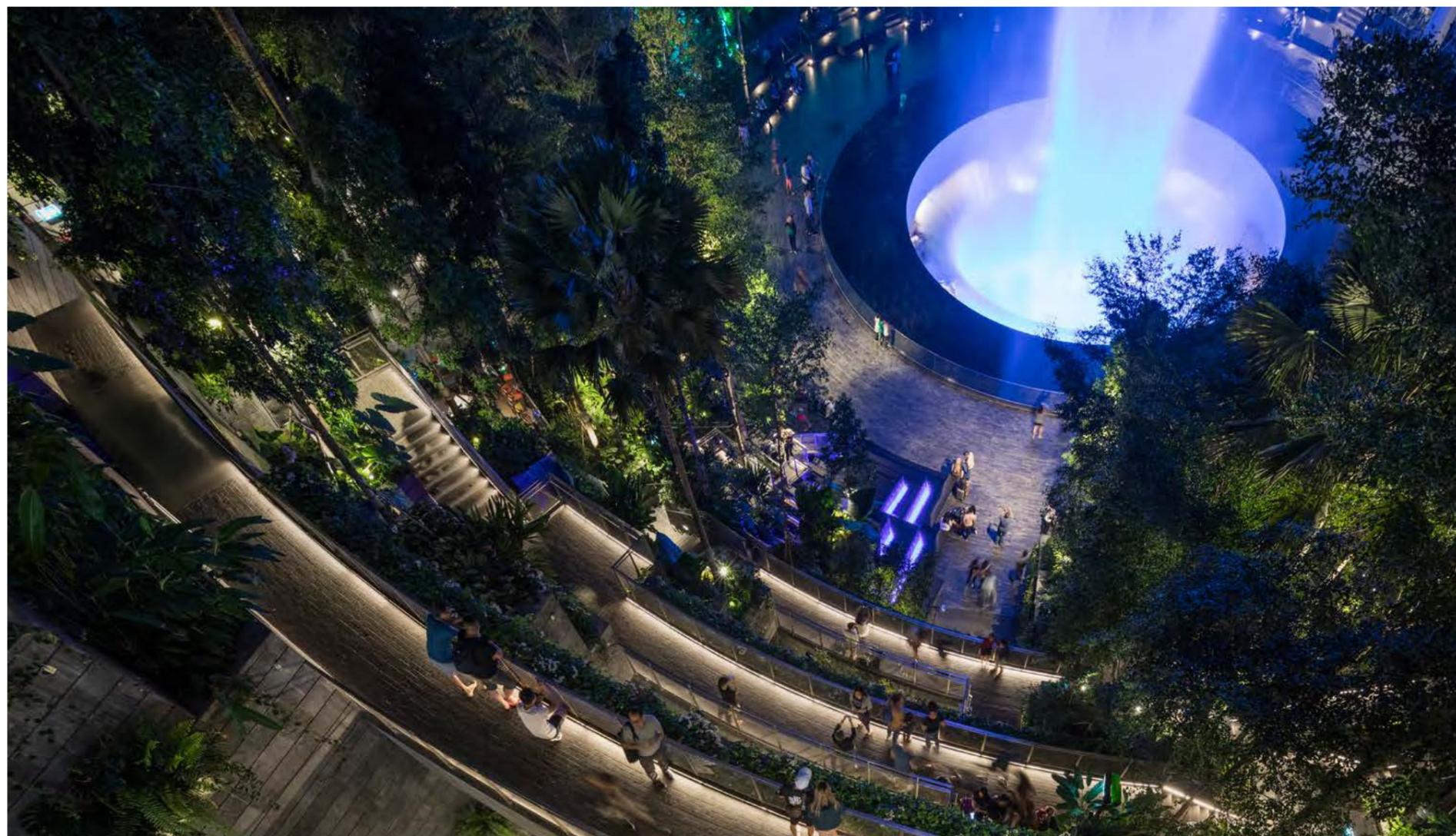


4



5

1. Threaded hole for easy removal leverage
2. Homogenous fully diffused output
3. Robust anodised aluminium design with CNC machined end caps
4. MIMI Poki housing with snap fit cable raceway mounting channel
5. Slim and secure form factor suitable for exterior building façades



**Above**  
**Project:** Jewel Changi Airport, Singapore  
**Lighting Design:** Lighting Planners Associates  
**Photography:** Fabian Ong  
 KKDC Singapore

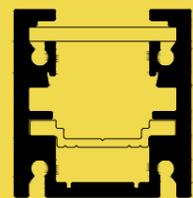


**Right**  
**Project:** Objectspace, Auckland  
**Architect:** RTA Studio  
**Lighting Design:** RTA Studio  
**Photography:** Sam Hartnett Photography  
 KKDC New Zealand



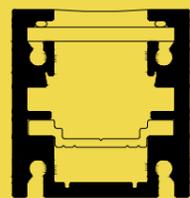
Best Design Awards  
Winner 2018

## 07. MOMO Series



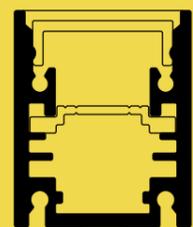
MOMO

**200**



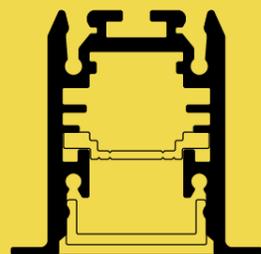
MOMO Sauna

**204**



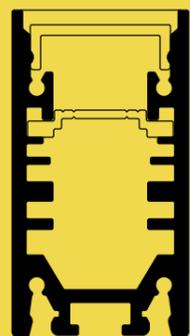
MOMO-L

**208**



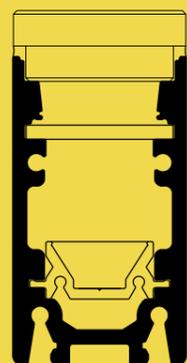
MOMO-R

**212**



MOMO-F

**216**



MOMO Bloc

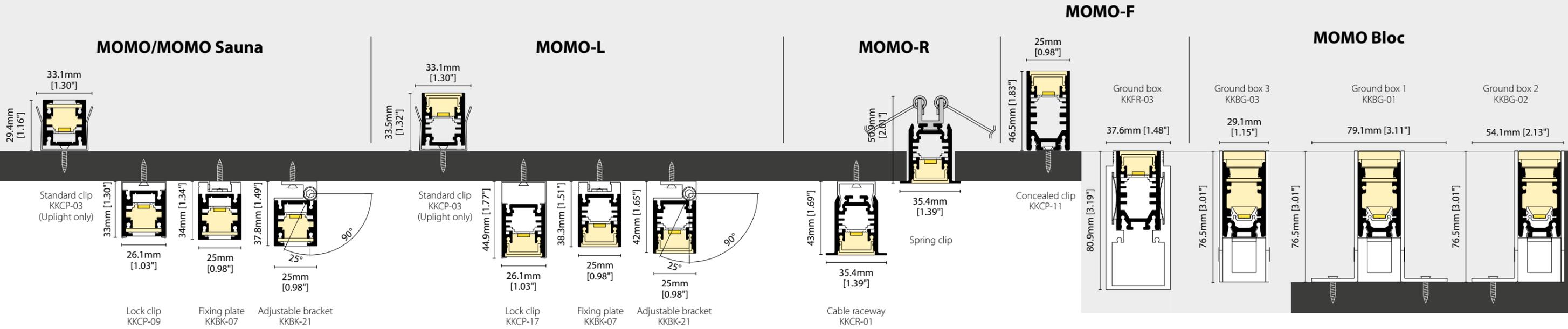
**220**

\*Profile drawings are 1:1 scale



Compact, robust and versatile IP44 or IP67 exterior linear fixtures with a large selection of cover types, optics and LED strips. Choice of fixed or adjustable surface mount bracket options available with recessed or inground variants.

# MOMO

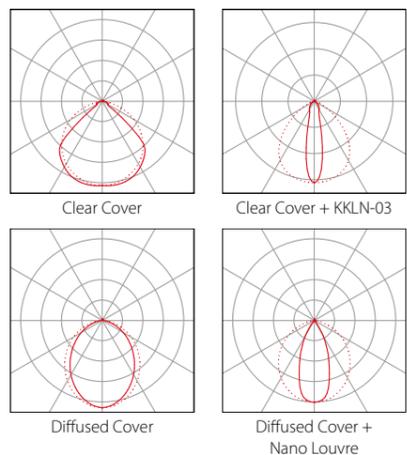


	MOMO								MOMO Sauna		MOMO-L								MOMO-R								MOMO-F								MOMO Bloc						
	A040	R030	R020	R014	R007	R207	RGBW	RGB	A008	R007	A040	R030	R020	R014	R007	R207	RGBW	RGB	A040	R030	R020	R014	R007	R207	RGBW	RGB	A040	R030	R020	R014	R007	R207	RGBW	RGB	R020	R014	R007	RGB			
LED	40W	30W	20W	14W	7W	16W	20W	15.6W	8W	7W	40W	30W	20W	14W	7W	16W	20W	15.6W	40W	30W	20W	14W	7W	16W	20W	15.6W	40W	30W	20W	14W	7W	16W	20W	15.6W	20W	14W	7W	15.6W			
Line	A	s-k	s-k	s-k	s-k	s-k	s-k	RGB	A	k	A	s-k	A	s-k	RGB	A	s-k	s-k	s-k	s-k	s-k	s-k	RGB	s-k	s-k	s-k	RGB														
IP	IP44	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	IP67	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
Cover & Optics	Clear	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	Diffused	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	Frosted Glass																																								
	Nano Louvre	■	■	■	■	■	■	■	■			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	Micro Louvre											■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	Asymmetric lens											■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	14°	■	■	■	■	■	■	■																																	
	18°										■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	23°	■	■	■	■	■	■	■			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	



## Housing Data

<b>Cover/Optics</b>	Clear (100°)/Diffused (95°)/KKLN-01 Lens (14°)/KKLN-03 Lens (23°)/Diffused + Nano Louvre (35°)
<b>CCT</b>	<p><b>A-line:</b> 2700K/3000K/4000K</p> <p><b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber</p> <p><b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K</p>
<b>LED binning</b>	<p><b>A-line:</b> 3-step MacAdam ellipse</p> <p><b>s-line:</b> 2-step MacAdam ellipse</p> <p><b>k-line:</b> 3-step MacAdam ellipse</p>
<b>CRI</b>	≥94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP44/67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via clips or brackets
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI

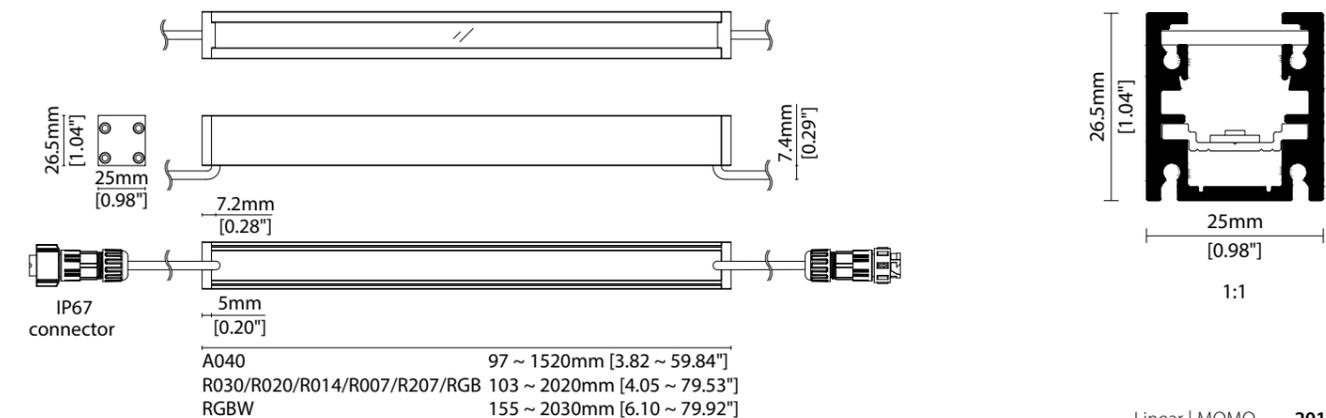


— C0 / C180      cd / 1000 lm (Based on A040)      ..... C90 / C270

## LED Data (Based on 3000K, A-line/s-line)

	MOMO A040	MOMO R030	MOMO R020	MOMO R014	MOMO R007	MOMOR207	MOMO RGBW	MOMO RGB
<b>Clear Cover</b>	3960lm/m (1207lm/ft) 99lm/W	1813lm/m (552lm/ft) 60lm/w	1280lm/m (390lm/ft) 64lm/W	904lm/m (275lm/ft) 65lm/w	441lm/m (135lm/ft) 63lm/w	1004lm/m (306lm/ft) 63lm/w	893lm/m (272lm/ft) 45lm/W	Red: 114 (35) Green: 244 (74) Blue: 38 (12) RGB: 350 (107)*
<b>Clear + 14° (KKLN-01)</b>	n/a	1084lm/m (331lm/ft) 36lm/w	759lm/m (231lm/ft) 38lm/w	542lm/m (165lm/ft) 39lm/w	265lm/m (81lm/ft) 38lm/w	609lm/m (186lm/ft) 38lm/w	n/a	Red: 55 (17) Green: 116 (35) Blue: 18 (6) RGB: 167 (51)*
<b>Clear + 23° (KKLN-03)</b>	2040lm/m (622lm/ft) 51lm/W	1170lm/m (357lm/ft) 39lm/w	827lm/m (252lm/ft) 41lm/w	583lm/m (178lm/ft) 42lm/w	285lm/m (87lm/ft) 41lm/w	658lm/m (201lm/ft) 41lm/w	n/a	Red: 55 (17) Green: 116 (35) Blue: 19 (6) RGB: 177 (54)*
<b>Diffused Cover</b>	1400lm/m (427lm/ft) 35lm/W	1034lm/m (315lm/ft) 35lm/w	731lm/m (223lm/ft) 37lm/w	516lm/m (157lm/ft) 37lm/w	252lm/m (77lm/ft) 36lm/w	580lm/m (177lm/ft) 36lm/w	473lm/m (144lm/ft) 24lm/W	Red: 66 (18) Green: 129 (39) Blue: 20 (6) RGB: 186 (57)*
<b>Diffused + Nano Louvre</b>	480lm/m (146lm/ft) 12lm/W	369lm/m (112lm/ft) 12lm/w	261lm/m (79lm/ft) 13lm/w	184lm/m (56lm/ft) 13lm/w	90lm/m (27lm/ft) 13lm/w	209lm/m (64lm/ft) 13lm/w	197lm/m (60lm/ft) 10lm/W	Red: 25 (8) Green: 54 (16) Blue: 8 (3) RGB: 78 (24)*
<b>Wattage</b>	40W/m (12.19W/ft)	30W/m (9.14W/ft)	20W/m (6.10W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	16W/m (4.88W/ft)	20W/m (6.10W/ft)	15.6W/m (4.75W/ft)
<b>Dimension</b>	H26.5/W25/L97-1520mm**	H26.5/W25/L103-2020mm**	H26.5/W25/L103-2020mm**	H26.5/W25/L103-2020mm**	H26.5/W25/L103-2020mm**	H26.5/W25/L103-2020mm**	H26.5/W25/L155-2030mm***	H26.5/W25/L103-2020mm**
<b>PCB Cut-point</b>	(H1.04/W0.98/L3.82-59.84***)	(H1.04/W0.98/L4.05-79.53***)	(H1.04/W0.98/L4.05-79.53***)	(H1.04/W0.98/L4.05-79.53***)	(H1.04/W0.98/L4.05-79.53***)	(H1.04/W0.98/L4.05-79.53***)	(H1.04/W0.98/L6.10-79.92****)	(H1.04/W0.98/L4.05-79.53***)
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	13.9mm – 144LED/m (0.55" – 44LED/ft)	10.4mm – 192LED/m (0.41" – 59LED/ft)	13.9mm – 72LED/m (0.55" – 22LED/ft)			
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 81.6°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 78°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 78°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 76°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 70°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 73°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 70°C)	T <sub>a</sub> = -25 to 60°C (T <sub>c</sub> Max = 70°C)

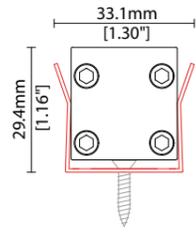
\*\*Nano Louvre = 1020mm/40.16" Max, \*\*\*Nano Louvre = 1030mm/40.55" Max \*(lm/m (lm/ft))



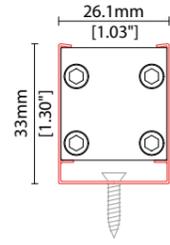
## Mounting methods



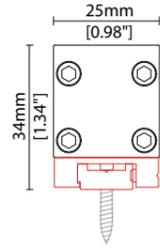
KKCP-03  
Clip



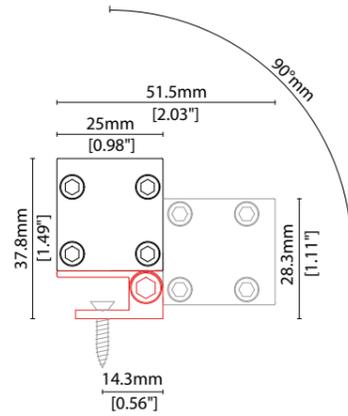
KKCP-09  
Lock clip



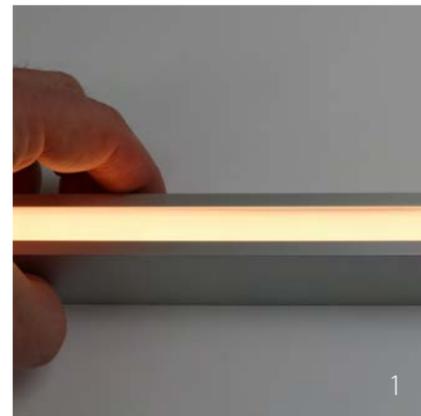
KKBK-07  
Fixing plate



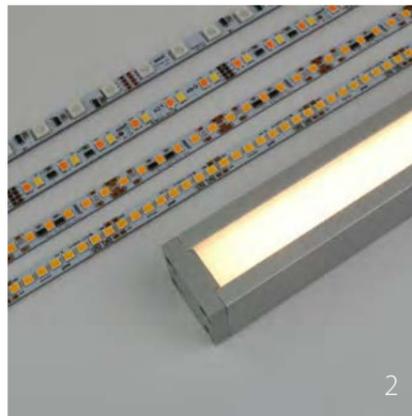
KKBK-21  
Adjustable bracket



## Detail shots



1



2



3

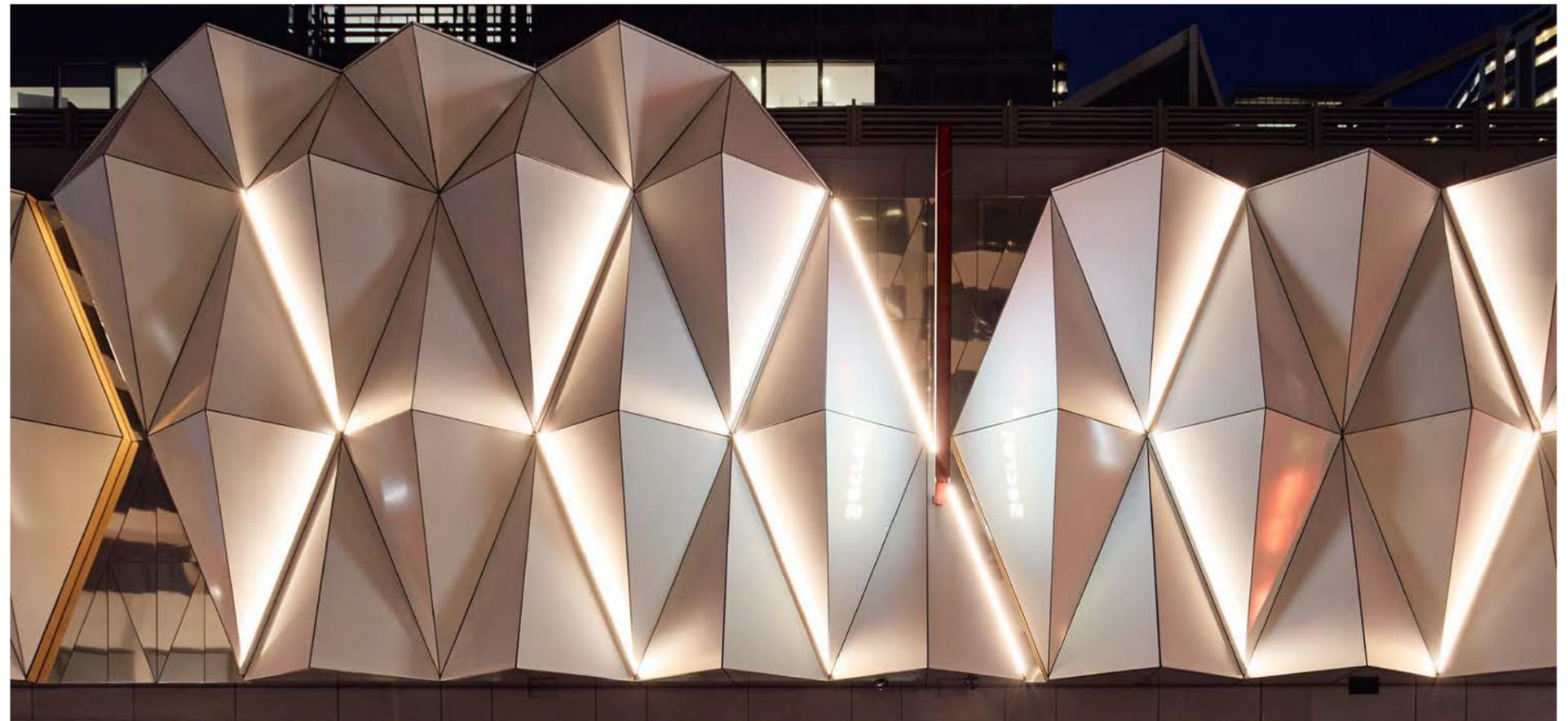
1. Compact linear diffused lighting suitable for exterior applications
2. Wide choice of fully diffused LED strips
3. Raised internal LED strip height with clear cover option

### Right top

**Project:** Siloam, Mona, Tasmania  
**Lighting Design:** MEGS Lighting  
KKDC Sydney

### Right bottom

**Project:** 222 Exhibition Street, Melbourne  
**Lighting Design:** Glowing Structures  
**Architect:** Graypuksand Melbourne  
**Photography:** Peter Bennetts Studio  
KKDC Melbourne

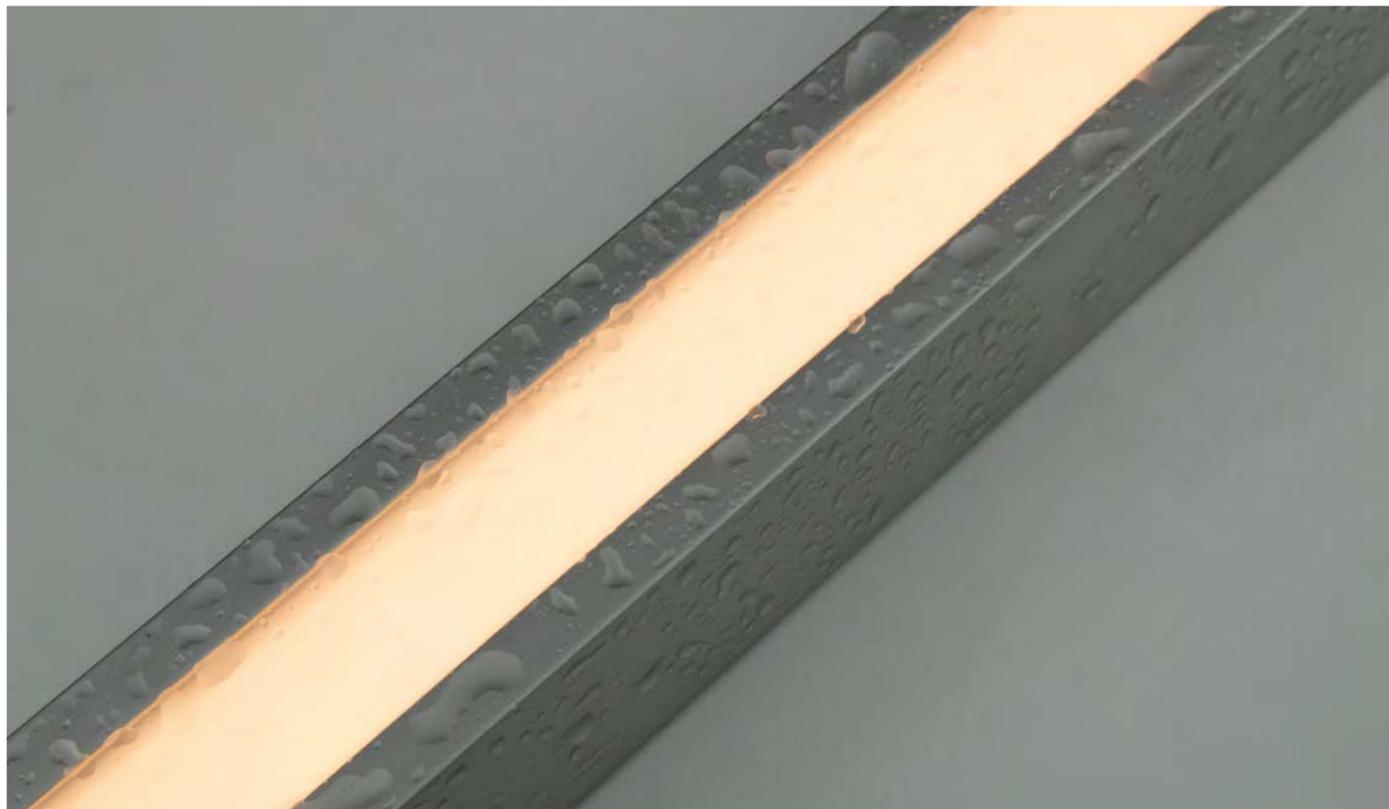


# MOMO Sauna

MOMO  
Sauna



View online



## LED Data (Based on 3000K)

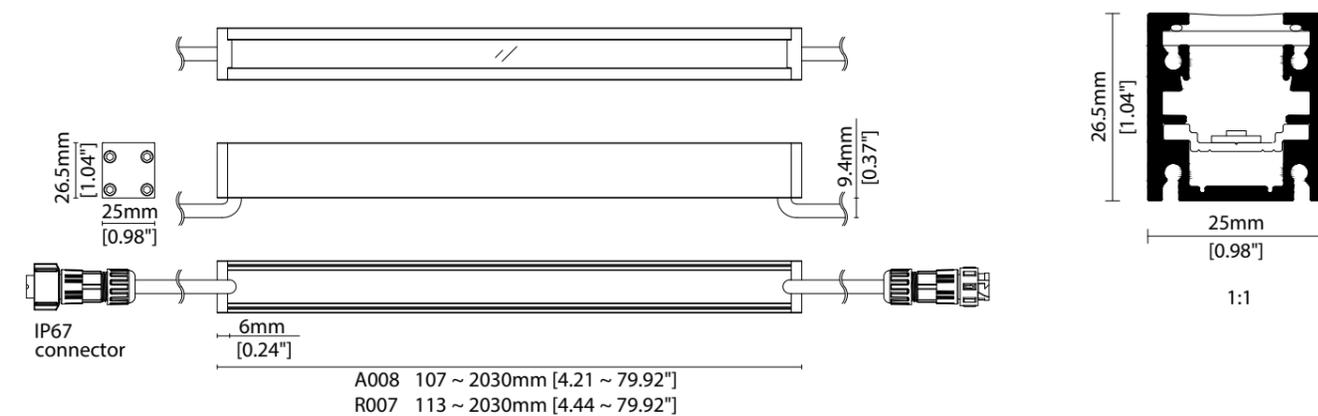
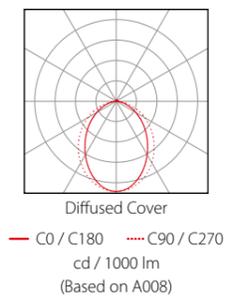


	MOMO Sauna A008	MOMO Sauna R007
<b>Diffused Cover</b>	280lm/m (85lm/ft) 35lm/W	238lm/m (73lm/ft) 34lm/w
<b>Wattage</b>	8W/m (2.44W/ft)	7W/m (2.13W/ft)
<b>Dimension</b>	H26.5/W25/L107-2030mm (H1.04/W0.98/L4.21-79.92")	H26.5/W25/L113-2030mm (H1.04/W0.98/L4.44-79.92")
<b>PCB Cut-point</b>	38.46mm (1.51")	41.7mm (1.64")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)
<b>Operating Temp</b>	Dry sauna; T <sub>a</sub> = -25 to 100°C (T <sub>c</sub> max = 105°C), RH 20% [US data] Steam room; T <sub>a</sub> = -25 to 70°C (T <sub>c</sub> max = 105°C), RH 100% [US data]	Dry sauna; T <sub>a</sub> = -25 to 100°C (T <sub>c</sub> max = 105°C), RH 20% [US data] Steam room; T <sub>a</sub> = -25 to 70°C (T <sub>c</sub> max = 105°C), RH 100% [US data]



## Housing Data

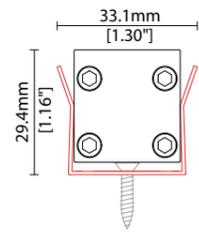
<b>Cover/Optics</b>	Diffused (95°)
<b>CCT</b>	<b>A-line:</b> 2700K/3000K/4000K <b>k-line:</b> 2700K
<b>LED binning</b>	<b>A-line:</b> 3-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥94
<b>Lifetime</b>	33,000 hours @ 100°C (33,000 hours @ 212°F)
<b>IP Rating</b>	IP67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via clips or brackets
<b>Power feed</b>	Double sheathed tail
<b>Control</b>	0-10V/1-10V/DMX/DALI



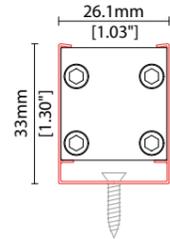
## Mounting methods



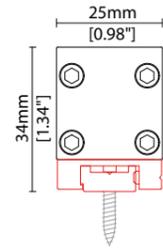
KKCP-03  
Clip



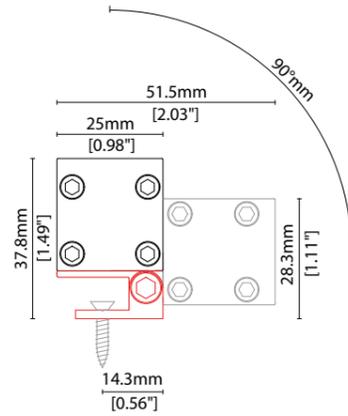
KKCP-09  
Lock clip



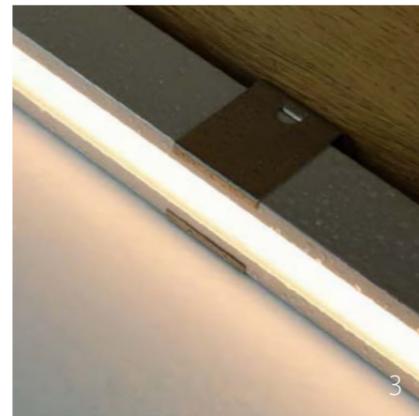
KKBK-07  
Fixing plate



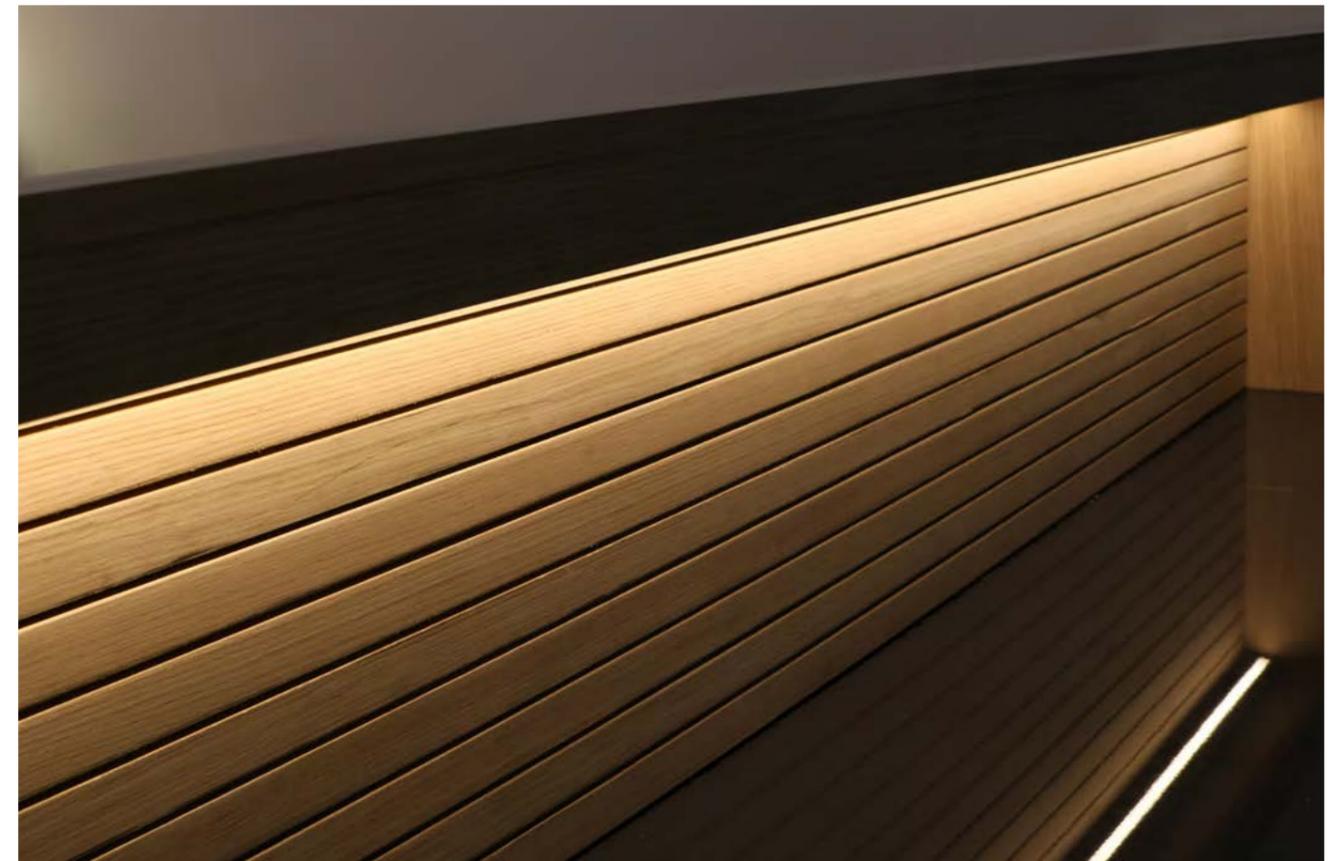
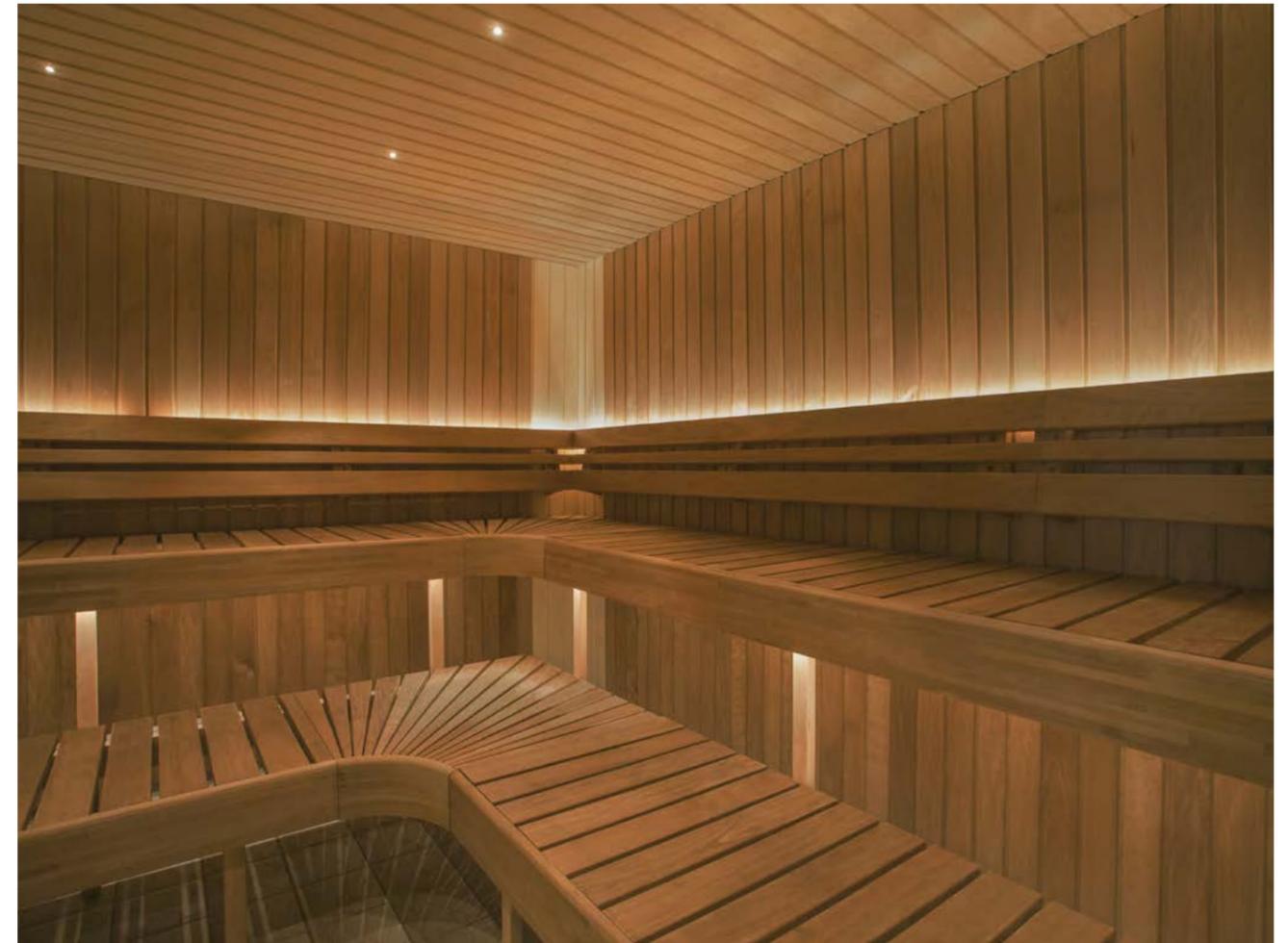
KKBK-21  
Adjustable bracket



## Detail shots



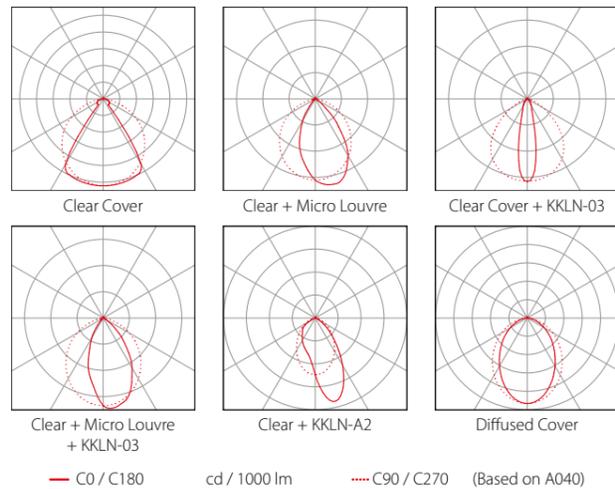
1. Clear cover option light output
2. Clear cover with raised internal LED strip
3. Stainless steel lock clip mounting
4. Cable exit with reinforced sheathing





## Housing Data

<b>Cover/Optics</b>	Clear (100°)/Clear + Micro louvre/Clear + KKLN-01 lens (18°)/Clear + KKLN-01 lens (18°) + Micro louvre/Clear + KKLN-03 lens (23°)/Clear + KKLN-03 lens (23°) + Micro louvre/Clear + Asymmetric lens (KKLN-A2)/Diffused (95°)
<b>CCT</b>	<b>A-line:</b> 2700K/3000K/4000K <b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>A-line:</b> 3-step MacAdam ellipse <b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP44/67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via clips or brackets
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



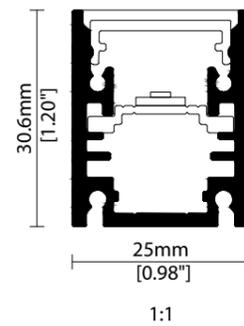
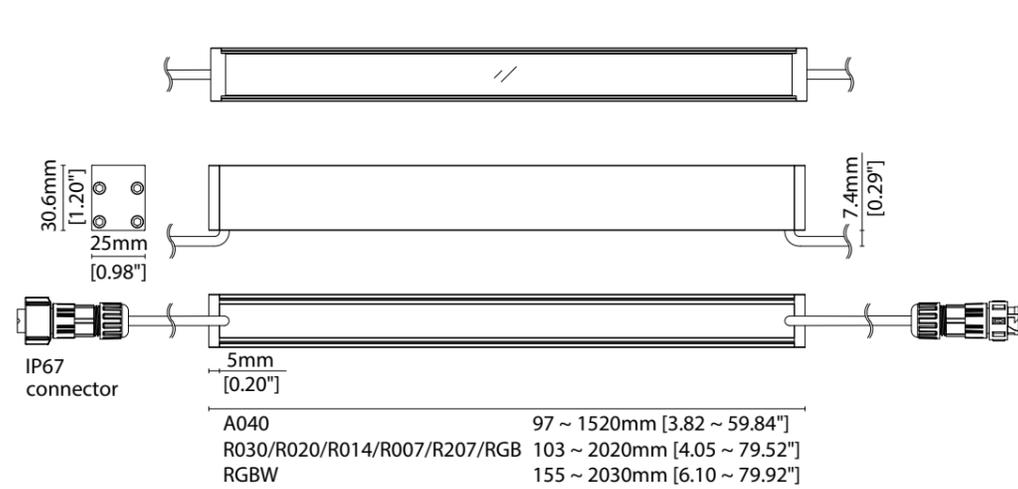
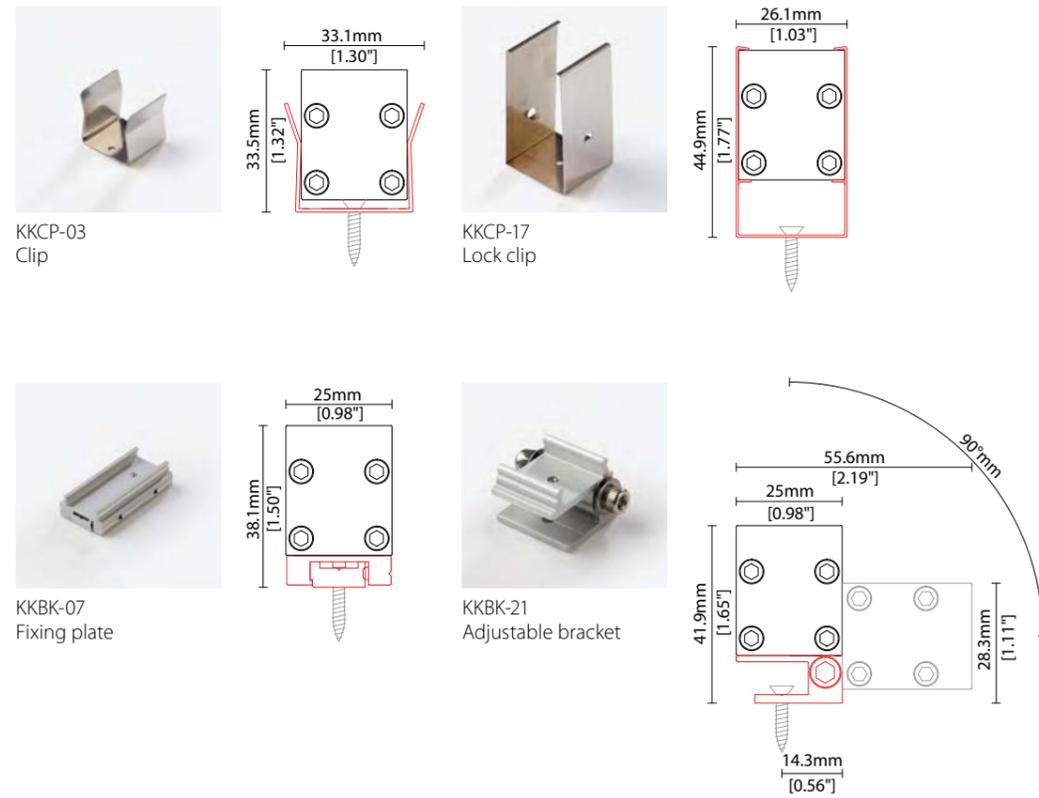
## LED Data (Based on 3000K, A-line/s-line)

	 <b>MOMO-L A040</b> A	 <b>MOMO-L R030</b> s-k	 <b>MOMO-L R020</b> s-k	 <b>MOMO-L R014</b> s-k	 <b>MOMO-L R007</b> s-k	 <b>MOMO-L R207</b> s-k	 <b>MOMO-L RGBW</b> s-k	 <b>MOMO-L RGB</b> s-k
<b>Clear Cover</b>	3640lm/m (1109lm/ft) 91lm/W	2286lm/m (697lm/ft) 76lm/W	1615lm/m (492lm/ft) 81lm/W	1140lm/m (347lm/ft) 81lm/W	557lm/m (170lm/ft) 80lm/W	1289lm/m (393lm/ft) 81lm/W	973lm/m (297lm/ft) 49lm/W	Red: 125 (38) Green: 266 (81) Blue: 42 (13) RGB: 383 (117)*
<b>Clear + Micro Louvre</b>	1080lm/m (330lm/ft) 27lm/W	665lm/m (203lm/ft) 22lm/W	470lm/m (143lm/ft) 24lm/W	332lm/m (101lm/ft) 24lm/W	162lm/m (49lm/ft) 23lm/W	365lm/m (111lm/ft) 23lm/W	283lm/m (86lm/ft) 14lm/W	Red: 37 (11) Green: 77 (24) Blue: 12 (4) RGB: 111 (34)*
<b>Clear + 18° (KKLN-01)</b>	n/a	1262lm/m (385lm/ft) 42lm/W	893lm/m (272lm/ft) 45lm/W	629lm/m (192lm/ft) 45lm/W	308lm/m (94lm/ft) 44lm/W	707lm/m (216lm/ft) 44lm/W	n/a	Red: 69 (21) Green: 147 (45) Blue: 23 (7) RGB: 212 (65)*
<b>Clear + 18° (KKLN-01) + Micro Louvre</b>	n/a	626lm/m (191lm/ft) 21lm/W	443lm/m (135lm/ft) 22lm/W	313lm/m (95lm/ft) 22lm/W	153lm/m (47lm/ft) 22lm/W	336lm/m (102lm/ft) 21lm/W	n/a	Red: 34 (10) Green: 73 (22) Blue: 11 (3) RGB: 105 (32)*
<b>Clear + 23° (KKLN-03)</b>	2064lm/m (629lm/ft) 52lm/W	1275lm/m (389lm/ft) 43lm/W	901lm/m (275lm/ft) 45lm/W	635lm/m (194lm/ft) 45lm/W	311lm/m (95lm/ft) 44lm/W	699lm/m (213lm/ft) 44lm/W	n/a	Red: 70 (21) Green: 149 (45) Blue: 23 (7) RGB: 214 (65)*
<b>Clear + 23° (KKLN-03) + Micro Louvre</b>	1152lm/m (351lm/ft) 29lm/W	716lm/m (218lm/ft) 24lm/W	507lm/m (154lm/ft) 25lm/W	358lm/m (109lm/ft) 26lm/W	175lm/m (53lm/ft) 25lm/W	392lm/m (119lm/ft) 25lm/W	n/a	Red: 39 (12) Green: 84 (26) Blue: 13 (4) RGB: 120 (37)*
<b>Clear + Asymmetric lens (KKLN-A2)</b>	3640lm/m (1109lm/ft) 91lm/W	2286lm/m (697lm/ft) 76lm/W	1615lm/m (492lm/ft) 81lm/W	1140lm/m (347lm/ft) 81lm/W	557lm/m (170lm/ft) 80lm/W	1289lm/m (393lm/ft) 81lm/W	n/a	n/a
<b>Diffused</b>	1632lm/m (497lm/ft) 41lm/W	1018lm/m (310lm/ft) 34lm/W	719lm/m (219lm/ft) 36lm/W	508lm/m (155lm/ft) 36lm/W	248lm/m (76lm/ft) 35lm/W	590lm/m (180lm/ft) 37lm/W	435lm/m (132lm/ft) 22lm/W	Red: 56 (17) Green: 119 (36) Blue: 19 (6) RGB: 171 (52)*
<b>Wattage</b>	40W/m (12.19W/ft)	30W/m (9.14W/ft)	20W/m (6.10W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	16W/m (4.88W/ft)	20W/m (6.10W/ft)	15.6W/m (4.75W/ft)
<b>Dimension</b>	H30.6/W25/L97-1520mm** (H1.2/W0.98/L3.82-59.84)**	H30.6/W25/L103-2020mm** (H1.2/W0.98/L4.05-79.52)**	H30.6/W25/L103-2020mm** (H1.2/W0.98/L4.05-79.52)**	H30.6/W25/L103-2020mm** (H1.2/W0.98/L4.05-79.52)**	H30.6/W25/L103-2020mm** (H1.2/W0.98/L4.05-79.52)**	H30.6/W25/L103-2020mm** (H1.2/W0.98/L4.05-79.52)**	H30.6/W25/L155-2030mm (H1.2/W0.98/L6.10-79.92")	H30.6/W25/L103-2020mm (H1.2/W0.98/L4.05-79.52")
<b>PCB Cut-point</b>	38.46mm (1.51")	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")	83.3mm (3.28")	62.5mm (2.46")	83.3mm (3.28")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	13.9mm – 144LED/m (0.55" – 44LED/ft)	10.4mm – 192LED/m (0.41" – 59LED/ft)	13.9mm – 72LED/m (0.55" – 22LED/ft)			
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 71.8°C)	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 76.4°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 76.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 72.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 67.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 74.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 70°C)	T <sub>a</sub> = -20 to 60°C (T <sub>c</sub> Max = 70°C)

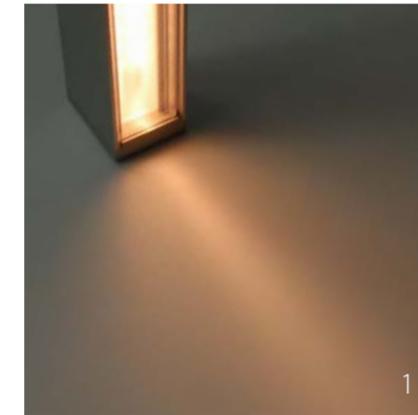
\*\*KKLN-A2 = 1020mm/40.16" Max

\*(lm/m (lm/ft))

## Mounting methods



## Detail shots



### Top

**Project:** COCONE, Seoul

**Lighting Design:** Bitzro, Ki Young Ko

**Supplier:** Haemoon Dong Hoon Kim

KKDC Korea

1. KKLN-01 lens with clear cover option
2. Internal LED mount rail and push-fit diffused cover
3. Honeycomb & micro louvre options with clear cover
4. Robust machined anodised aluminium housing and diffused cover
5. Wide range of lens & cover options

# MOMO-R

MOMO-R

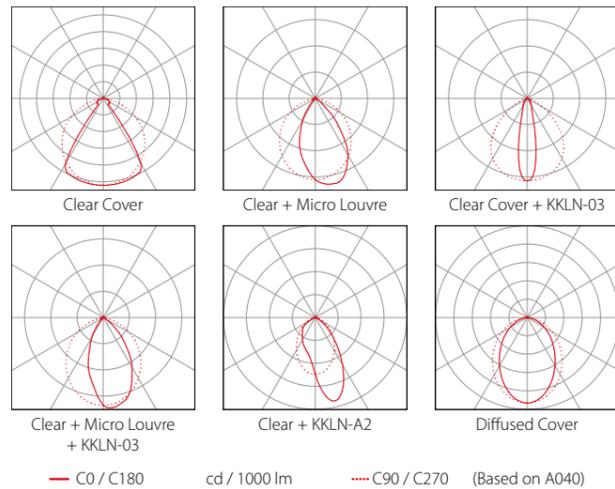


View online



## Housing Data

<b>Cover/Optics</b>	Clear (100°)/Clear + Micro louvre/Clear + KKLN-01 lens (18°)/Clear + KKLN-01 lens (18°) + Micro louvre/Clear + KKLN-03 lens (23°)/Clear + KKLN-03 lens (23°) + Micro louvre/Clear + Asymmetric lens (KKLN-A2)/Diffused (95°)
<b>CCT</b>	<b>A-line:</b> 2700K/3000K/4000K <b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>A-line:</b> 3-step MacAdam ellipse <b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP44/67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Recessed mounting via spring clip/Cable race way
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



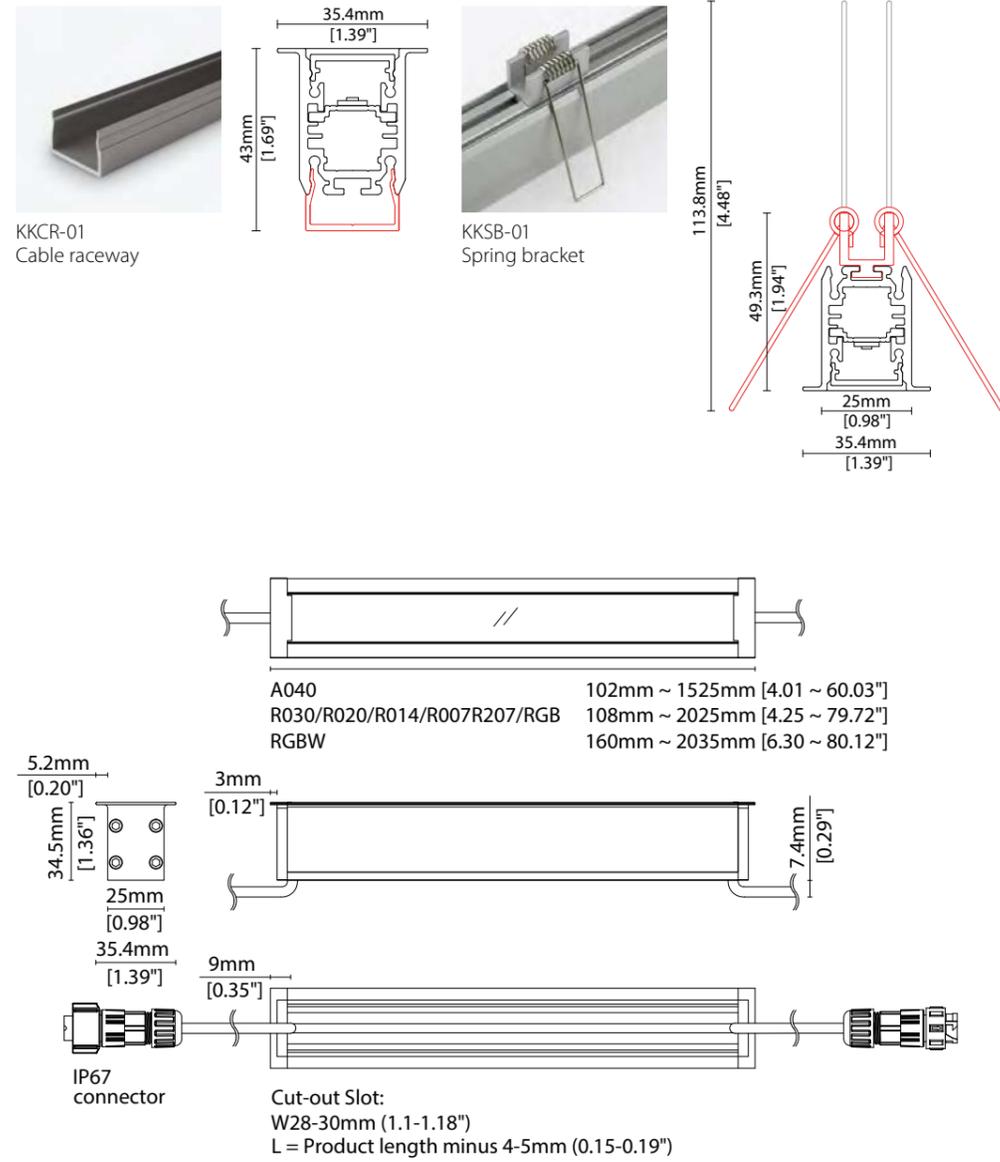
## LED Data (Based on 3000K, A-line/s-line)

	MOMO-R A040	MOMO-R R030	MOMO-R R020	MOMO-R R014	MOMO-R R007	MOMO-R R207	MOMO-R RGBW	MOMO-R RGB
	A	s-k						
<b>Clear Cover</b>	3668lm/m (1118lm/ft) 92lm/W	2309lm/m (704lm/ft) 77lm/W	1632lm/m (498lm/ft) 82lm/W	1152lm/m (351lm/ft) 82lm/W	563lm/m (172lm/ft) 81lm/W	1282lm/m (391lm/ft) 80lm/W	973lm/m (297lm/ft) 49lm/W	Red: 125 (38) Green: 266 (81) Blue: 42 (13) RGB: 383 (117)*
<b>Clear + Micro Louvre</b>	1080lm/m (329lm/ft) 27lm/W	687lm/m (209lm/ft) 23lm/W	485lm/m (148lm/ft) 24lm/W	342lm/m (104lm/ft) 24lm/W	162lm/m (49lm/ft) 23lm/W	374lm/m (114lm/ft) 23lm/W	283lm/m (86lm/ft) 14lm/W	Red: 37 (11) Green: 77 (24) Blue: 12 (4) RGB: 111 (34)*
<b>Clear + 18° (KKLN-01)</b>	n/a	1285lm/m (392lm/ft) 43lm/W	907lm/m (277lm/ft) 45lm/W	640lm/m (195lm/ft) 46lm/W	313lm/m (95lm/ft) 45lm/W	728lm/m (222lm/ft) 46lm/W	n/a	Red: 69 (21) Green: 147 (45) Blue: 23 (7) RGB: 212 (65)*
<b>Clear + 18° (KKLN-01) + Micro Louvre</b>	n/a	572lm/m (174lm/ft) 19lm/W	405lm/m (123lm/ft) 20lm/W	285lm/m (87lm/ft) 20lm/W	139lm/m (43lm/ft) 20lm/W	343lm/m (104lm/ft) 21lm/W	n/a	Red: 34 (10) Green: 73 (22) Blue: 11 (3) RGB: 105 (32)*
<b>Clear + 23° (KKLN-03)</b>	2196lm/m (669lm/ft) 55lm/W	1332lm/m (406lm/ft) 44lm/W	941lm/m (287lm/ft) 47lm/W	663lm/m (202lm/ft) 47lm/W	325lm/m (99lm/ft) 46lm/W	739lm/m (225lm/ft) 46lm/W	n/a	Red: 70 (21) Green: 149 (45) Blue: 23 (7) RGB: 214 (65)*
<b>Clear + 23° (KKLN-03) + Micro Louvre</b>	1148lm/m (350lm/ft) 29lm/W	760lm/m (232lm/ft) 25lm/W	536lm/m (163lm/ft) 27lm/W	378lm/m (115lm/ft) 27lm/W	185lm/m (56lm/ft) 26lm/W	400lm/m (122lm/ft) 25lm/W	n/a	Red: 39 (12) Green: 84 (26) Blue: 13 (4) RGB: 120 (37)*
<b>Clear + Asymmetric lens (KKLN-A2)</b>	3668lm/m (1118lm/ft) 92lm/W	2306lm/m (703lm/ft) 77lm/W	1630lm/m (497lm/ft) 82lm/W	1150lm/m (351lm/ft) 82lm/W	562lm/m (171lm/ft) 80lm/W	1236lm/m (377lm/ft) 77lm/W	n/a	n/a
<b>Diffused</b>	1672lm/m (510lm/ft) 42lm/W	1040lm/m (317lm/ft) 35lm/W	736lm/m (224lm/ft) 37lm/W	519lm/m (158lm/ft) 37lm/W	254lm/m (77lm/ft) 36lm/W	602lm/m (184lm/ft) 38lm/W	435lm/m (132lm/ft) 22lm/W	Red: 56 (17) Green: 119 (36) Blue: 19 (6) RGB: 171 (52)*
<b>Wattage</b>	40W/m (12.19W/ft)	30W/m (9.14W/ft)	20W/m (6.10W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	16W/m (4.88W/ft)	20W/m (6.10W/ft)	15.6W/m (4.75W/ft)
<b>Dimension</b>	H34.5/W35.4/L102-1525mm** (H1.36/W1.39/L4.01-60.03)**)	H34.5/W35.4/L108-2025mm** (H1.36/W1.39/L4.25-79.72)**)	H34.5/W35.4/L160-2035mm (H1.36/W1.39/L6.30-80.12")	H34.5/W35.4/L108-2025mm (H1.36/W1.39/L4.25-79.72")				
<b>PCB Cut-point</b>	38.46mm (1.51")	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")	83.3mm (3.28")	62.5mm (2.46")	83.3mm (3.28")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	13.9mm – 144LED/m (0.55" – 44LED/ft)	10.4mm – 192LED/m (0.41" – 59LED/ft)	13.9mm – 72LED/m (0.55" – 22LED/ft)			
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 70°C)	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 80.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 82.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 77.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 72.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 78.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 78.9°C)	T <sub>a</sub> = -25 to 60°C (T <sub>c</sub> Max = 70°C)

\*\*KKLN-A2 = 1020mm/40.16" Max

\*(lm/m (lm/ft))

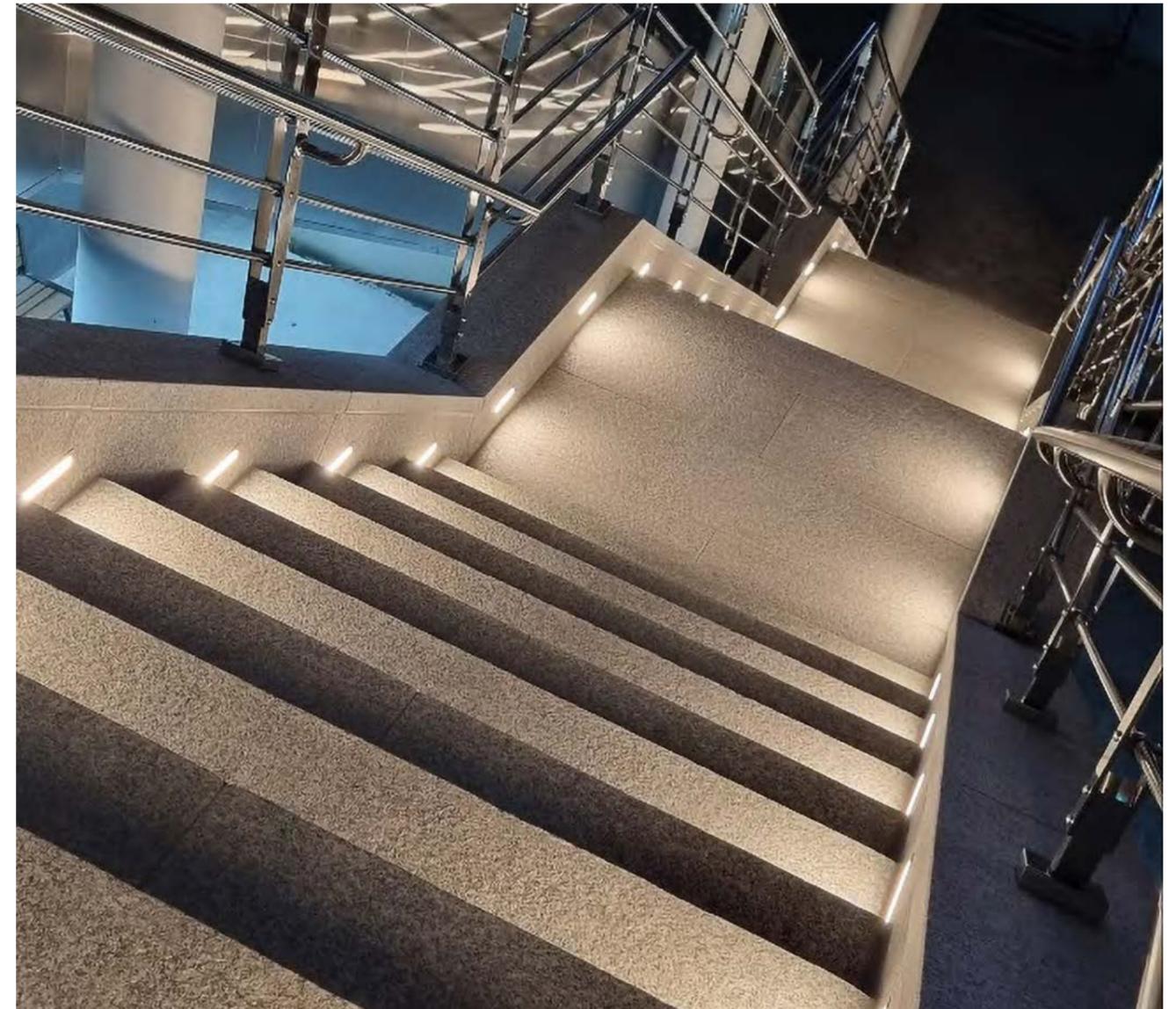
## Mounting methods



## Detail shots



1. Updated internal design assembly with LED mount rail, clear cover and micro louvre
2. Fully diffused cover option
3. Anodised aluminium end cap and profile with spring clip bracket

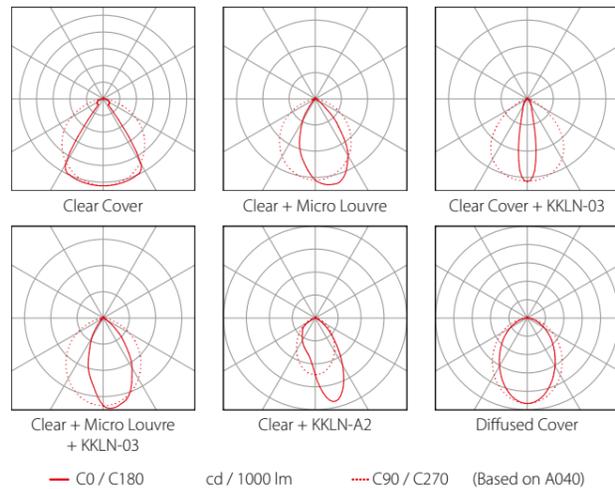


**Project:** NH Seoul Tower  
**Lighting Design:** C&C LIGHTWAY  
**Architect:** GS Neotek  
KKDC Korea



## Housing Data

<b>Cover/Optics</b>	Clear (100°)/Clear + Micro louvre/Clear + KKLN-01 lens (18°)/Clear + KKLN-01 lens (18°) + Micro louvre/Clear + KKLN-03 lens (23°)/Clear + KKLN-03 lens (23°) + Micro louvre/Clear + Asymmetric lens (KKLN-A2)/Diffused (95°)
<b>CCT</b>	<b>A-line:</b> 2700K/3000K/4000K <b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>A-line:</b> 3-step MacAdam ellipse <b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Ground recessed or surface mounted via concealed clips
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



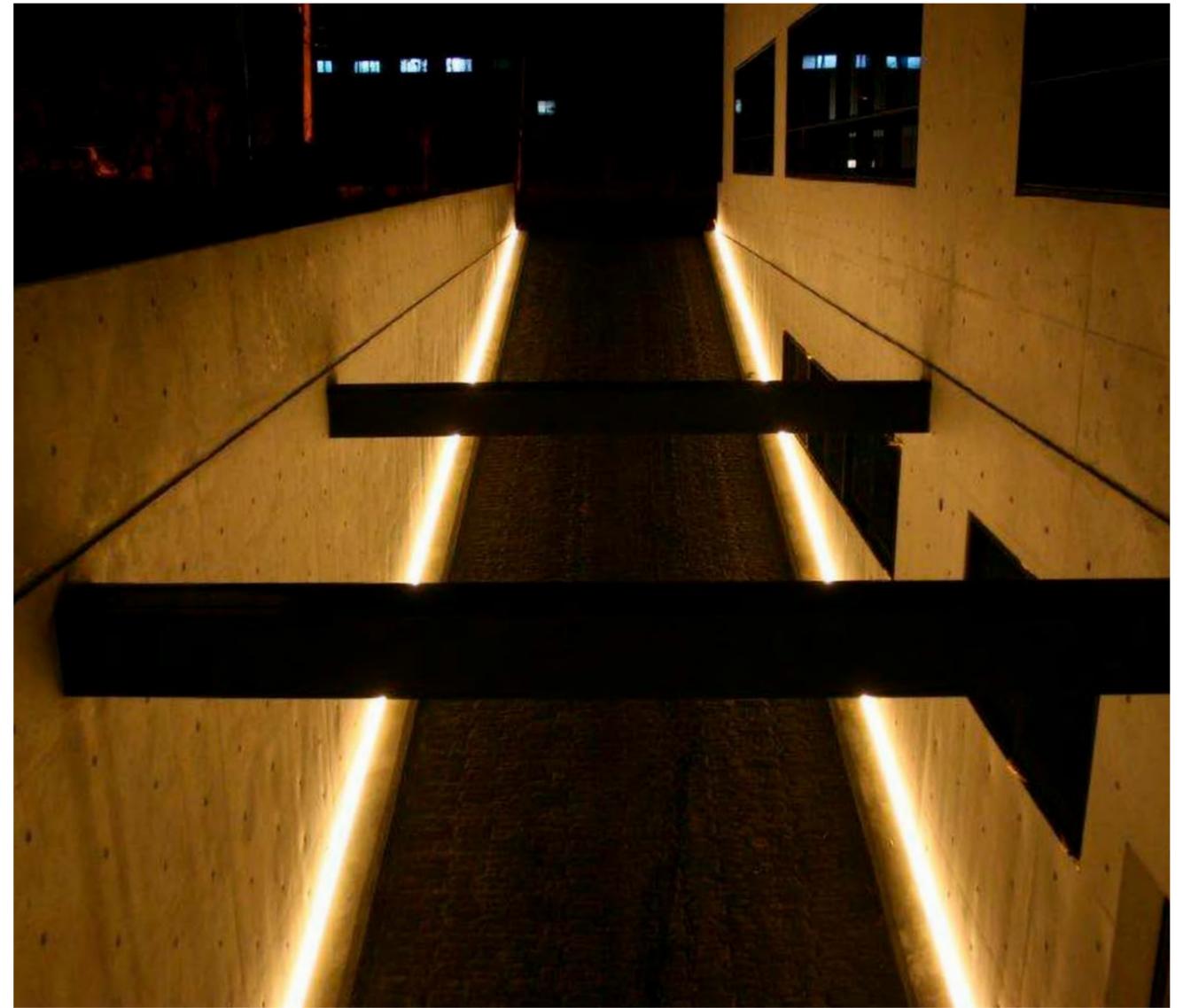
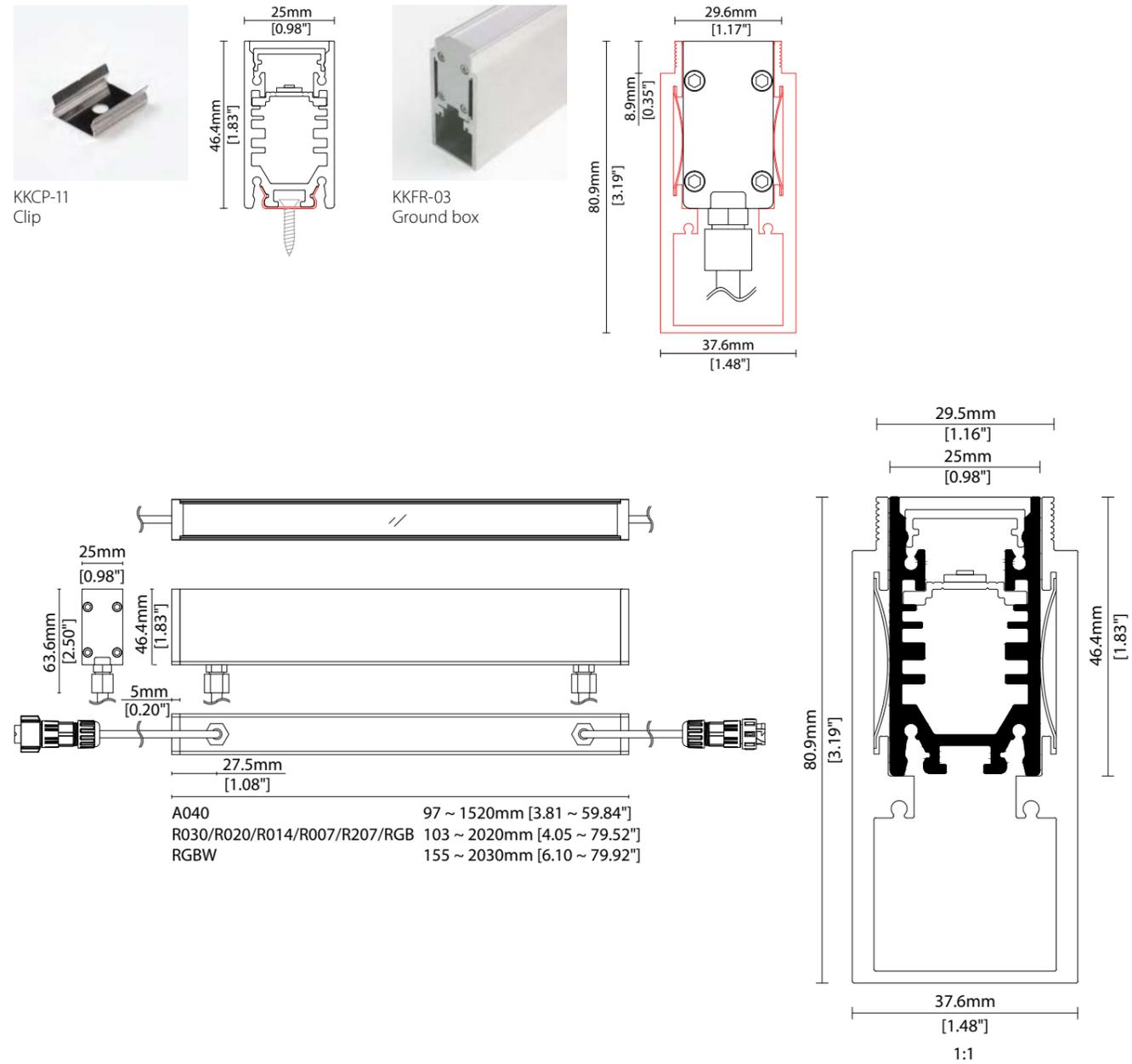
## LED Data (Based on 3000K, A-line/s-line)

	MOMO-F A040	MOMO-F R030	MOMO-F R020	MOMO-F R014	MOMO-F R007	MOMO-F R207	MOMO-F RGBW	MOMO-F RGB
	A	s-k	s-k	s-k	s-k	s-k	s-k	s-k
<b>Clear Cover</b>	3656lm/m (1114lm/ft) 91lm/W	2280lm/m (695lm/ft) 76lm/W	1548lm/m (472lm/ft) 77lm/W	1137lm/m (346lm/ft) 81lm/W	556lm/m (169lm/ft) 79lm/W	1269lm/m (387lm/ft) 79lm/W	971lm/m (296lm/ft) 49lm/W	Red: 124 (38) Green: 265 (81) Blue: 41 (13) RGB: 382 (116)*
<b>Clear + Micro Louvre</b>	1054lm/m (321lm/ft) 26lm/W	659lm/m (201lm/ft) 22lm/W	466lm/m (142lm/ft) 23lm/W	329lm/m (100lm/ft) 24lm/W	161lm/m (49lm/ft) 23lm/W	372lm/m (113lm/ft) 23lm/W	280lm/m (85lm/ft) 14lm/W	Red: 36 (11) Green: 77 (23) Blue: 12 (4) RGB: 110 (34)*
<b>Clear + 18° (KKLN-01)</b>	n/a	1100lm/m (335lm/ft) 37lm/W	778lm/m (237lm/ft) 39lm/W	549lm/m (167lm/ft) 39lm/W	269lm/m (82lm/ft) 39lm/W	719lm/m (219lm/ft) 45lm/W	n/a	Red: 60 (18) Green: 128 (39) Blue: 20 (6) RGB: 184 (56)*
<b>Clear + 18° (KKLN-01) + Micro Louvre</b>	n/a	560lm/m (171lm/ft) 19lm/W	396lm/m (121lm/ft) 20lm/W	279lm/m (85lm/ft) 20lm/W	137lm/m (42lm/ft) 20lm/W	336lm/m (102lm/ft) 20lm/W	n/a	Red: 31 (9) Green: 65 (20) Blue: 10 (3) RGB: 94 (29)*
<b>Clear + 23° (KKLN-03)</b>	2004lm/m (611lm/ft) 50lm/W	1272lm/m (388lm/ft) 42lm/W	899lm/m (274lm/ft) 45lm/W	634lm/m (193lm/ft) 45lm/W	310lm/m (95lm/ft) 44lm/W	790lm/m (241lm/ft) 49lm/W	n/a	Red: 69 (21) Green: 148 (45) Blue: 23 (7) RGB: 213 (65)*
<b>Clear + 23° (KKLN-03) + Micro Louvre</b>	1060lm/m (323lm/ft) 27lm/W	719lm/m (219lm/ft) 24lm/W	509lm/m (155lm/ft) 25lm/W	359lm/m (109lm/ft) 26lm/W	176lm/m (54lm/ft) 25lm/W	400lm/m (122lm/ft) 25lm/W	n/a	Red: 39 (12) Green: 84 (26) Blue: 13 (4) RGB: 120 (37)*
<b>Clear + Asymmetric lens (KKLN-A2)</b>	3656lm/m (1114lm/ft) 91lm/W	2248lm/m (685lm/ft) 75lm/W	1526lm/m (465lm/ft) 76lm/W	1122lm/m (342lm/ft) 80lm/W	548lm/m (167lm/ft) 78lm/W	1241lm/m (378lm/ft) 78lm/W	n/a	n/a
<b>Diffused</b>	1640lm/m (500lm/ft) 41lm/W	820lm/m (250lm/ft) 27lm/W	581lm/m (177lm/ft) 29lm/W	410lm/m (125lm/ft) 29lm/W	200lm/m (61lm/ft) 29lm/W	602lm/m (184lm/ft) 38lm/W	350lm/m (107lm/ft) 18lm/W	Red: 45 (14) Green: 96 (29) Blue: 15 (5) RGB: 138 (42)*
<b>Wattage</b>	40W/m (12.19W/ft)	30W/m (9.14W/ft)	20W/m (6.10W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	16W/m (4.88W/ft)	20W/m (6.10W/ft)	15.6W/m (4.75W/ft)
<b>Dimension</b>	H46.4/W25/L97-1520mm**	H46.4/W25/L103-2020mm**	H46.4/W25/L103-2020mm**	H46.4/W25/L103-2020mm**	H46.4/W25/L103-2020mm**	H46.4/W25/L103-2020mm**	H46.4/W25/L155-2030mm	H46.4/W25/L103-2020mm
<b>PCB Cut-point</b>	38.46mm (1.51")	41.7m (1.64")	41.7m (1.64")	41.7m (1.64")	41.7m (1.64")	83.3mm (3.28")	62.5mm (2.46")	83.3mm (3.28")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	13.9mm – 144LED/m (0.55" – 44LED/ft)	10.4mm – 192LED/m (0.41" – 59LED/ft)	13.9mm – 72LED/m (0.55" – 22LED/ft)			
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 72.9°C)	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 80.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 82.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 77.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 72.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 78.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 70°C)	T <sub>a</sub> = -25 to 60°C (T <sub>c</sub> Max = 70°C)

\*\*KKLN-A2 = 1020mm/40.16" Max

\*(lm/m (lm/ft))

## Mounting methods



## Detail shots



1. New internal design assembly with LED mounting rail
2. Anti-glare micro louvre
3. Fully diffused output with polyurethane IP67 sealed top cover



# MOMO Bloc



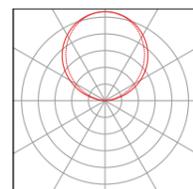
## LED Data (Based on 3000K, s-line)

	MOMO Bloc R020	MOMO Bloc R014	MOMO Bloc R007	MOMO Bloc RGB
<b>Frosted Glass</b>	444lm/m (135lm/ft) 22lm/W	300lm/m (91lm/ft) 21lm/W	145lm/m (44lm/ft) 21lm/W	Red: 30lm/m (9lm/ft) Green: 88lm/m (27lm/ft) Blue: 14lm/m (4lm/ft) RGB: 127lm/m (39lm/ft)
<b>Wattage</b>	20W/m (6.10W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	15.6W/m (4.75W/ft)
<b>Dimension</b>	H50.2/W24.6/L524/1024mm (H1.97/W0.97/L20.63/40.31")	H50.2/W24.6/L524/1024mm (H1.97/W0.97/L20.63/40.31")	H50.2/W24.6/L524/1024mm (H1.97/W0.97/L20.63/40.31")	H50.2/W24.6/L524/1024mm (H1.97/W0.97/L20.63/40.31")
<b>PCB Cut-point</b>	41.7mm (1.64")	41.7mm (1.64")	41.7mm (1.64")	83.3mm (3.28")
<b>LED Pitch</b>	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	6.95mm – 144LED/m (0.27" – 44LED/ft)	13.9mm – 72LED/m (0.55" – 22LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 82.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 77.9°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 72.9°C)	T <sub>a</sub> = -25 to 55°C (T <sub>c</sub> Max = 67°C)

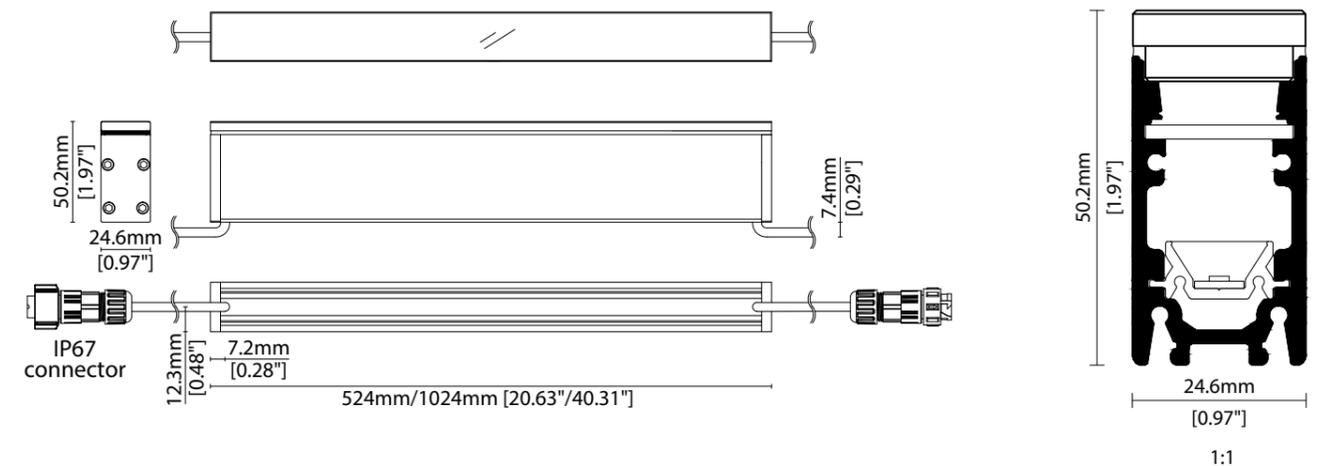


## Housing Data

<b>Cover/Optics</b>	Frosted glass (78°)
<b>CCT</b>	<b>s-line:</b> 2300K/3000K/3400K/4000K/4100K Single colours: Red/Green/Blue/Orange/Amber <b>k-line:</b> 2300K/3000K/3400K/4000K/4100K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP67
<b>Finish</b>	Silver/Hard anodised (stainless steel ground box)
<b>Mounting</b>	Recessed ground box
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



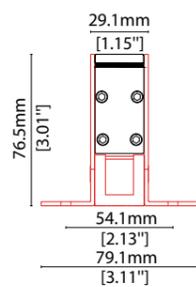
Frosted Glass  
— C0 / C180    - - - C90 / C270  
cd / 1000 lm



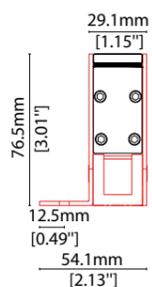
## Mounting methods



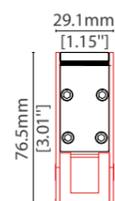
KKBG-01  
Ground box 01  
Double sided mounting  
flange



KKBG-02  
Ground box 02  
Single sided mounting  
flange



KKBG-03  
Ground box 03  
No mounting flange



## Detail shots



1

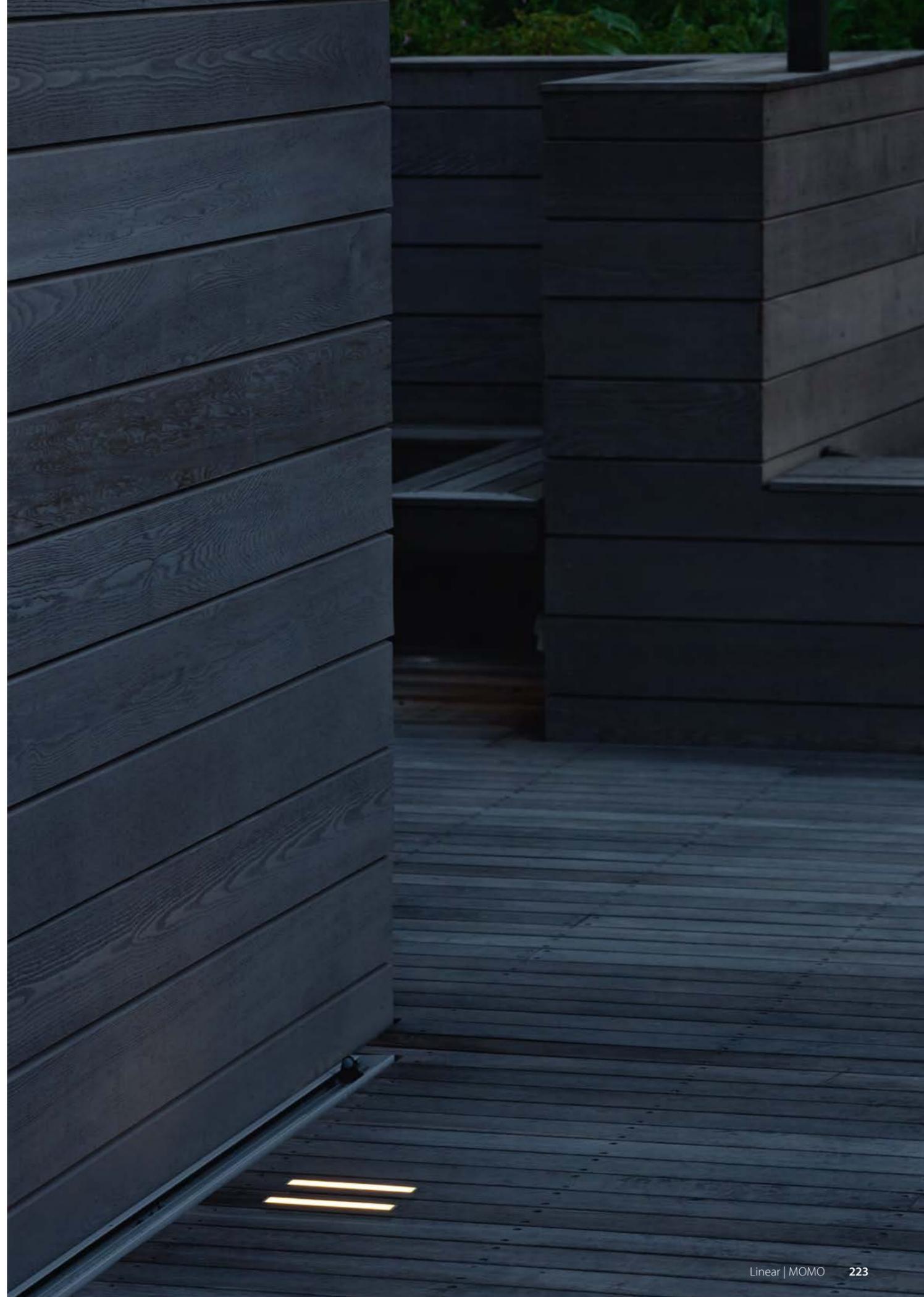


2

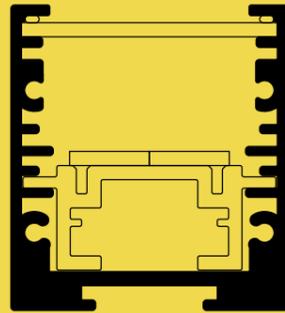
1. Toughened glass cover
2. Soft diffused light output
3. Anodised aluminium housing, robust end cap and reinforced sheathed cable exit



3

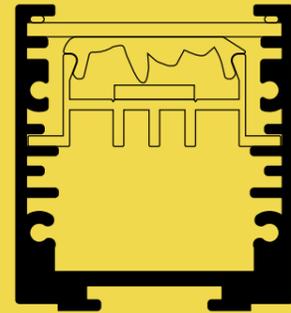


## 08. SEN Series



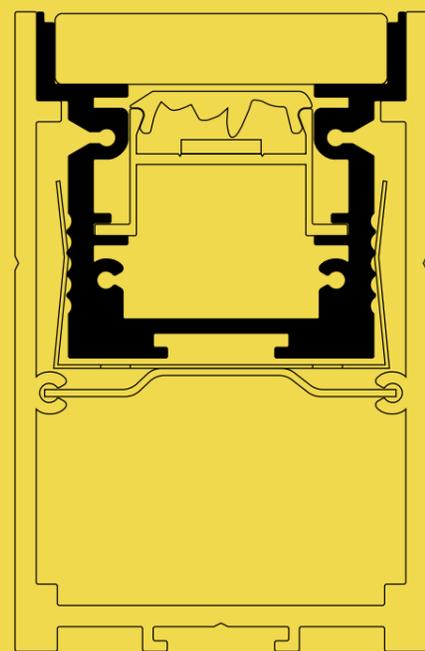
SEN

**228**



SEN Asymmetric

**232**



SEN-F Asymmetric

**236**

\*Profile drawings are 1:1 scale



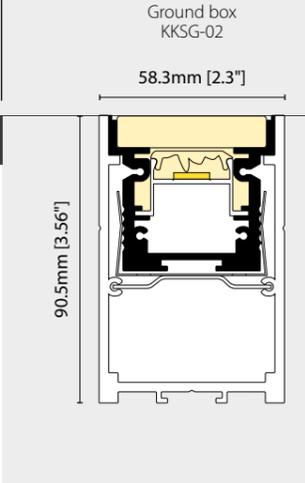
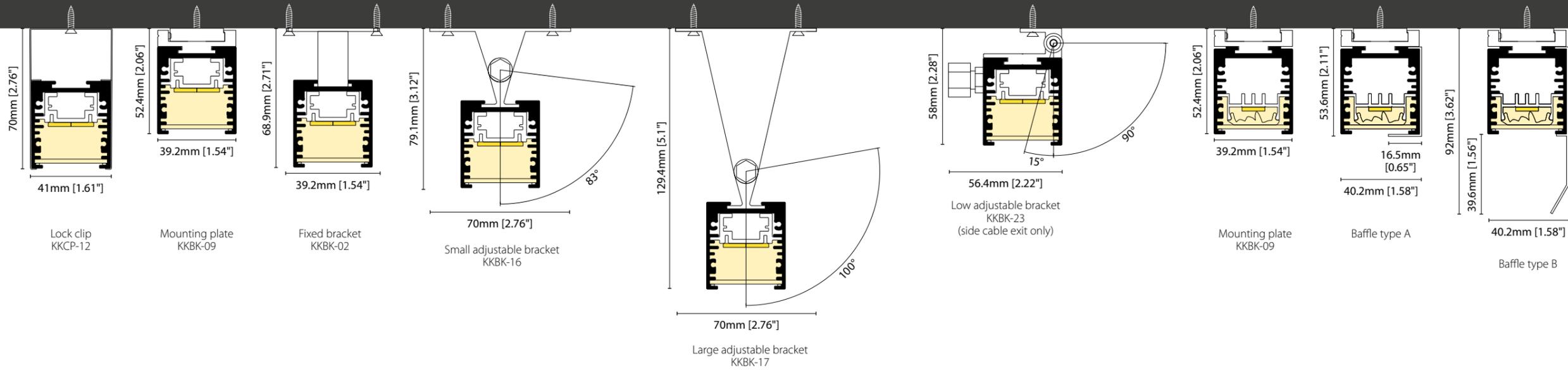
Large profile IP44 or IP67 exterior fixtures with powerful SMD LED strip for a fully homogenous diffused output or linear asymmetric wallwasher lens option. Surface mounting via robust fixed or adjustable brackets with toughed glass in-ground variant.

SEN

## SEN

## SEN Asymmetric

## SEN-F Asymmetric



		SEN	SEN Asymmetric	SEN-F Asymmetric
LED		A030 x2	A040	A040
W/m		60W	40W	40W
Line		A	A	A
IP	IP44	■	■	
	IP67	■	■	■
Cover & Optics	Clear	■		
	Diffused	■		
	Asymmetric lens		■	■



### LED Data (Based on 3000K)



SEN A030 x2

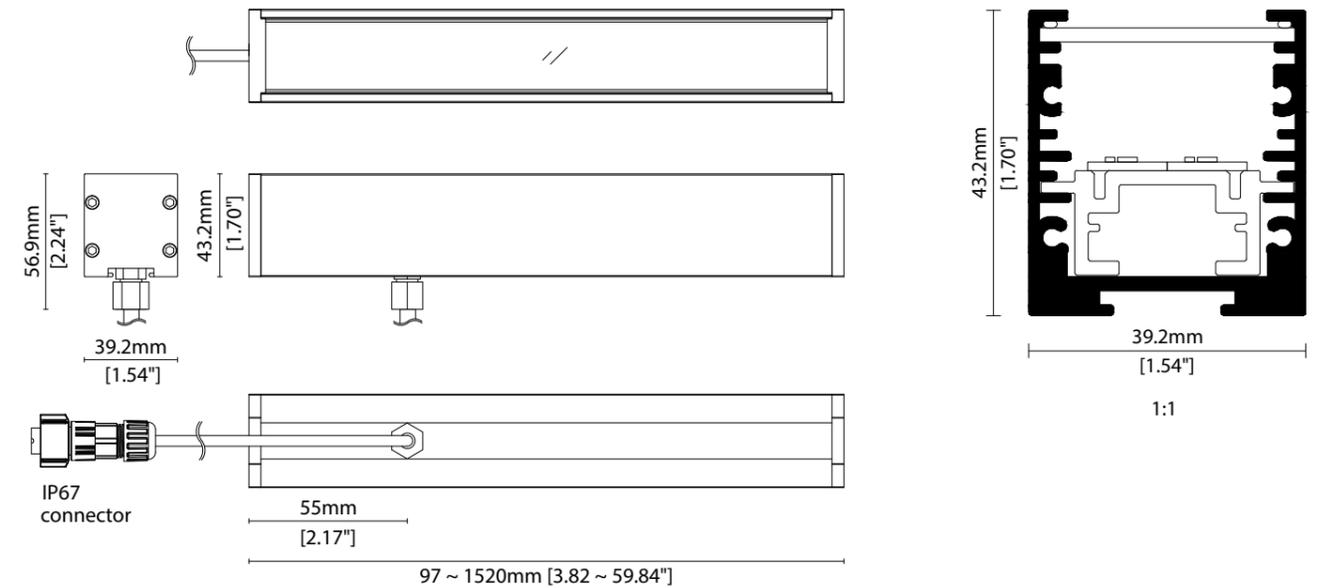
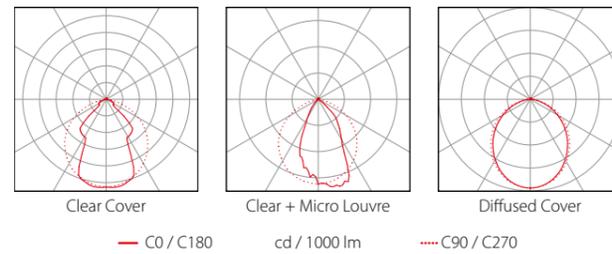


<b>Clear Cover</b>	4680lm/m (1426lm/ft) 78lm/W
<b>Diffused Cover</b>	3660lm/m (1116lm/ft) 61lm/W
<b>Clear Cover + Micro Louvre</b>	2400lm/m (732lm/ft) 40lm/W
<b>Wattage</b>	60W/m (18.29 W/ft)
<b>Dimension</b>	H43.2/W39.2/L97-1520mm (H1.70/W1.54/L3.82-59.84")
<b>PCB Cut-point</b>	38.46mm (1.51")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 83.7°C)



### Housing Data

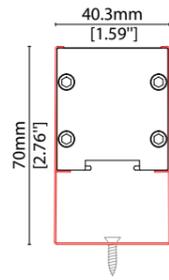
<b>Cover/Optics</b>	80°(Clear cover)/100° (Diffused Cover)
<b>CCT</b>	A-line: 2700K/3000K/4000K
<b>LED binning</b>	A-line: 3-step MacAdam ellipse
<b>CRI</b>	94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP44/67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via brackets
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



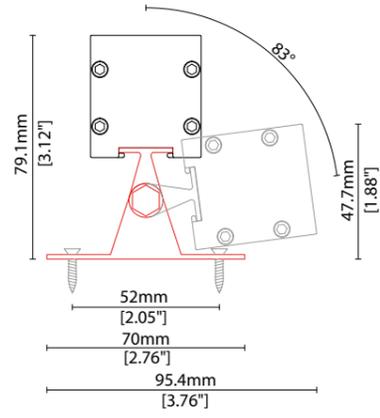
## Mounting methods



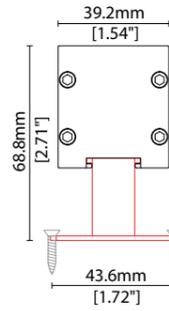
KKCP-12  
Lock clip



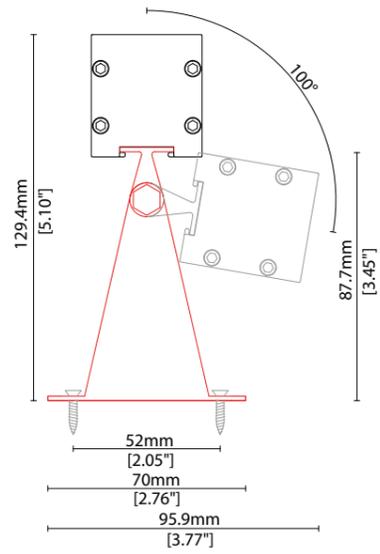
KKBK-16  
Small adjustable bracket



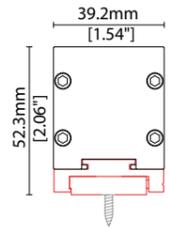
KKBK-02  
Fixed Bracket



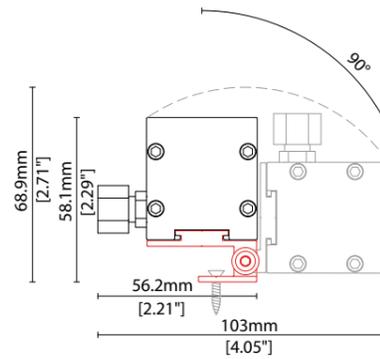
KKBK-17  
Large adjustable bracket



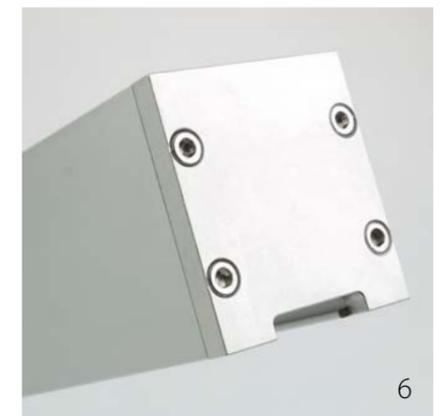
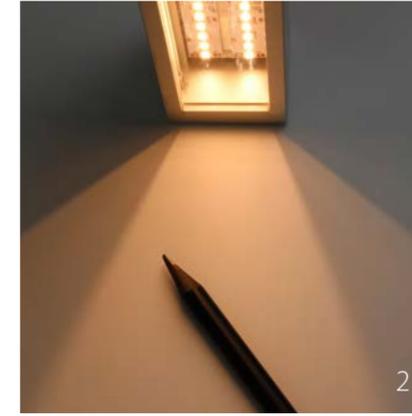
KKBK-09  
Mounting plate  
(Side cable exit only)



KKBK-23  
Low adjustable bracket  
(Side cable exit only)



## Detail shots



1. Anti-glare micro louvre
2. Twin A030 LED strips with clear cover
3. Low adjustable bracket with side cable exit

4. Fully diffused cover
5. Micro louvre
6. Anodised aluminium profile and end cap

# SEN Asymmetric



## LED Data (Based on 3000K)



SEN Asymmetric A040

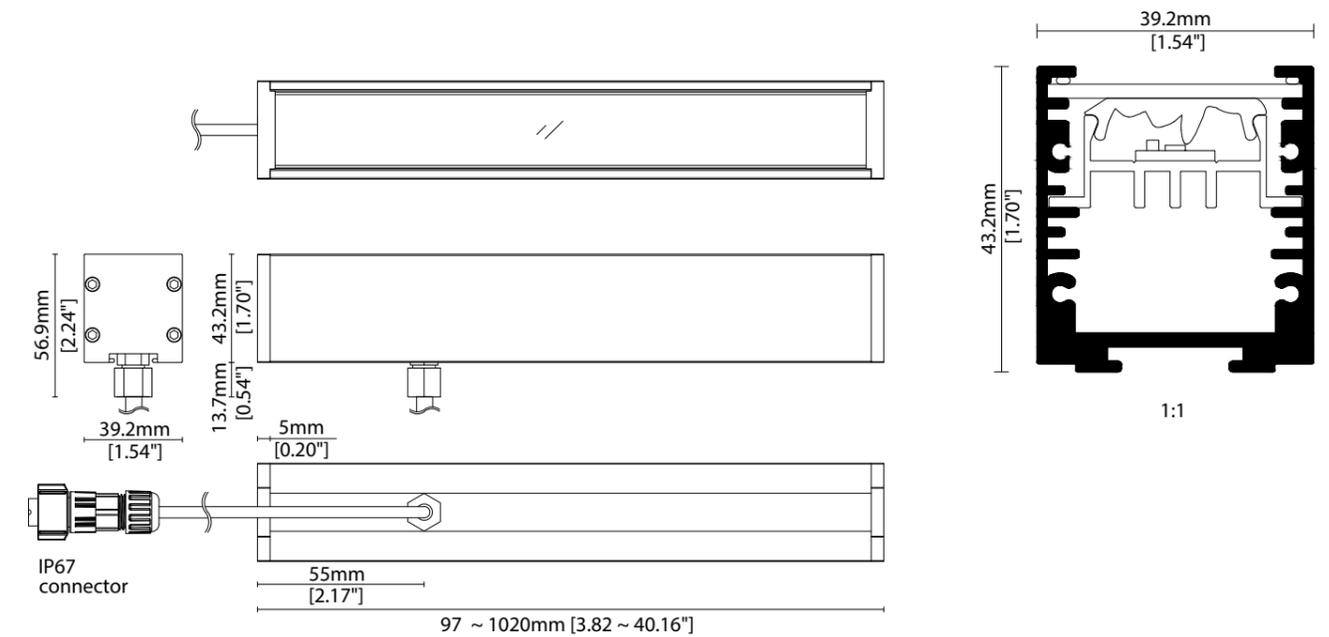
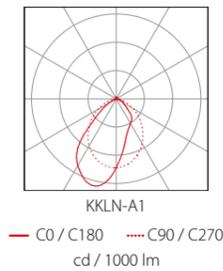


<b>Clear + KKLN-A1</b>	3600lm/m (1097lm/ft) 90lm/W
<b>Wattage</b>	40W/m (12.19W/ft)
<b>Dimension</b>	H43.2/W39.2/L97-1020mm (H1.70/W1.54/L3.82-40.16")
<b>PCB Cut-point</b>	38.46mm (1.51")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 75.6°C)



## Housing Data

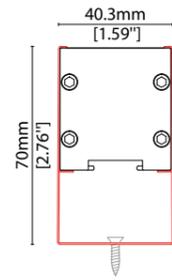
<b>Cover/Optics</b>	Clear + KKLN-A1 Asymmetric Lens
<b>CCT</b>	A-line: 2700K/3000K/4000K
<b>LED binning</b>	A-line: 3-step MacAdam ellipse
<b>CRI</b>	94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP44/67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via brackets
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



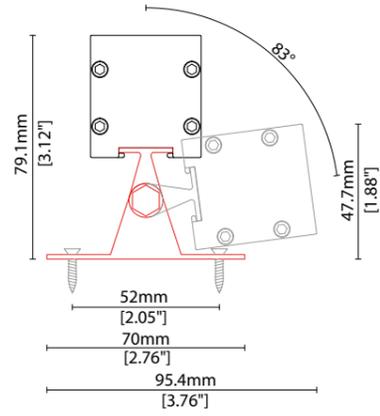
## Mounting methods



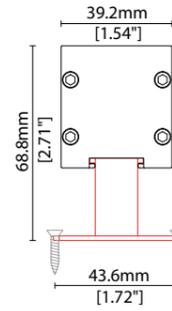
KKCP-12  
Lock clip



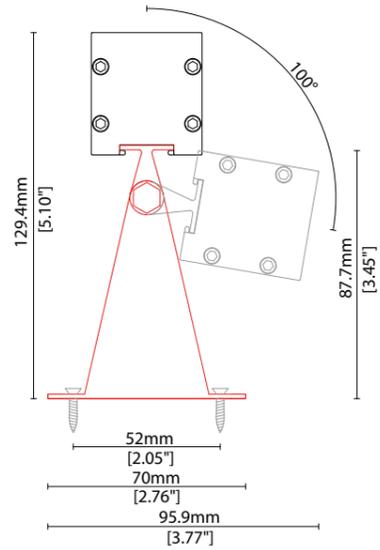
KKBK-16  
Small adjustable bracket



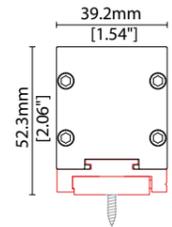
KKBK-02  
Fixed Bracket



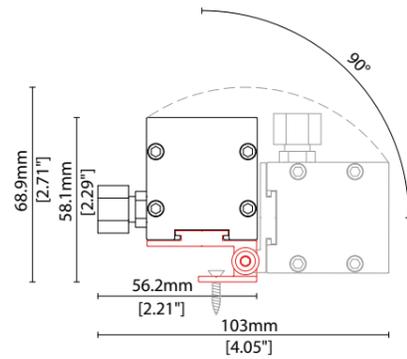
KKBK-17  
Large adjustable bracket



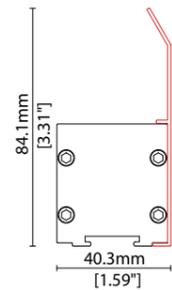
KKBK-09  
Mounting plate  
(Side cable exit only)



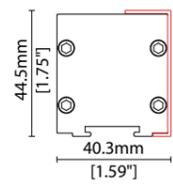
KKBK-23  
Low adjustable bracket  
(Side cable exit only)



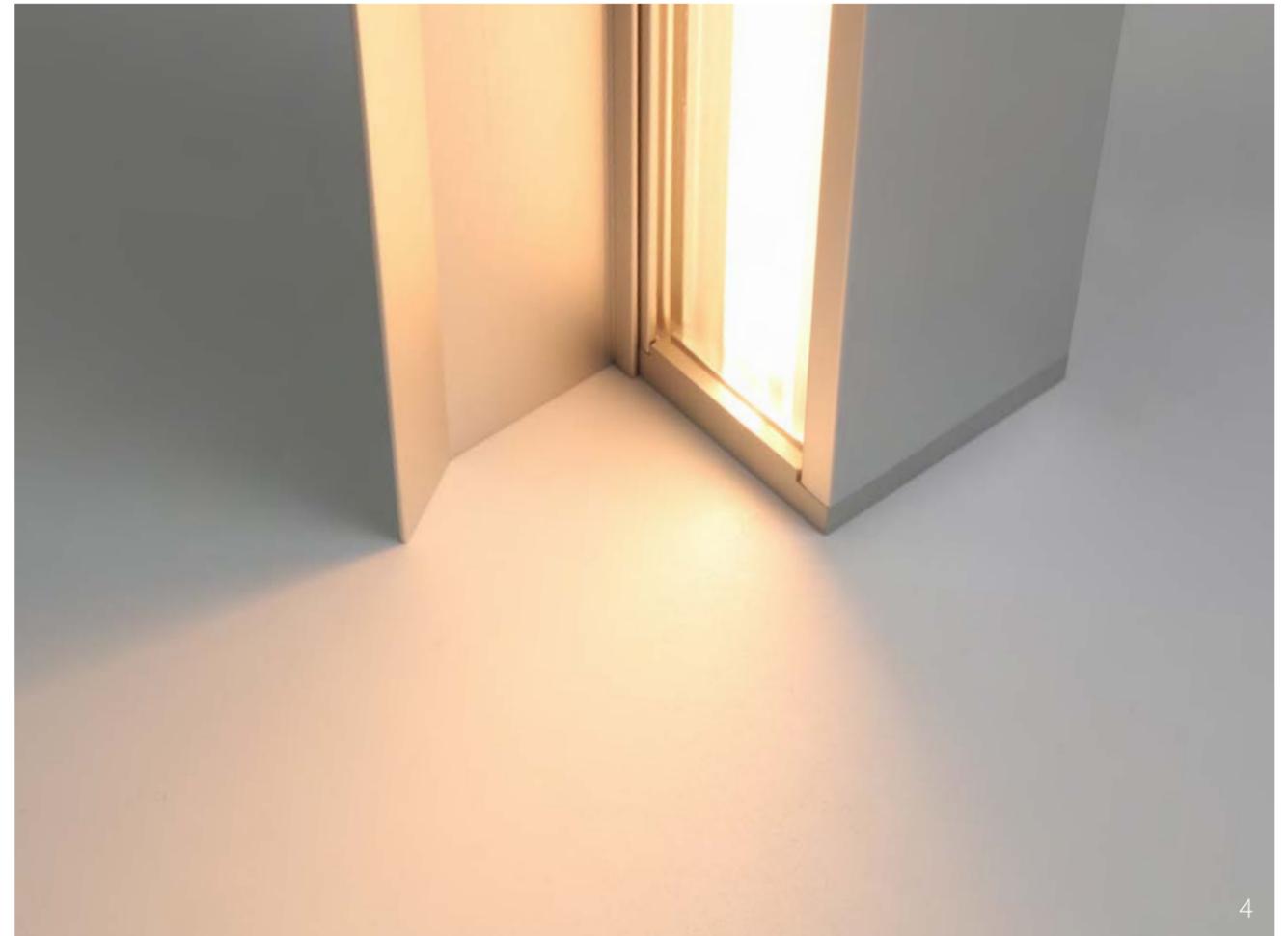
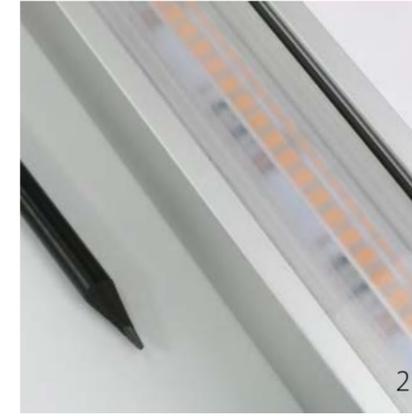
SLB  
Large Baffle



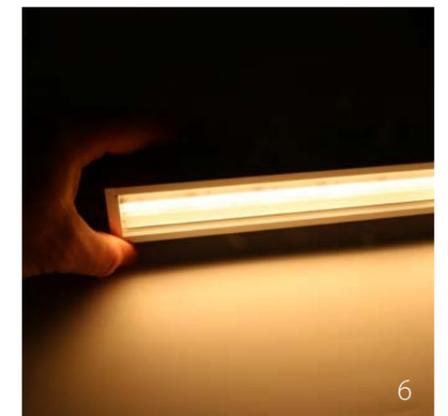
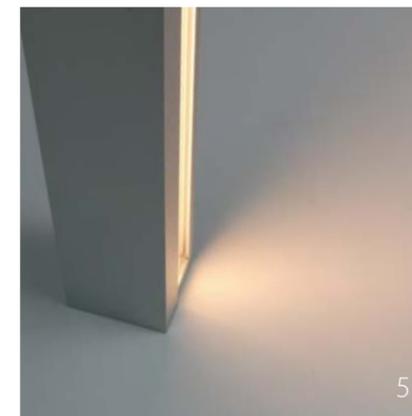
SSB  
Small Baffle



## Detail shots



1. Internal assembly with LED mount rail, asymmetric lens and clear cover
2. Powerful A040 LED strip with tight pitch for homogenous illumination
3. Anodised aluminium end cap
4. Asymmetric light distribution with large baffle accessory
5. Small baffle, glare shield accessory
6. Asymmetric light emission for wallwashing



# SEN-F Asymmetric



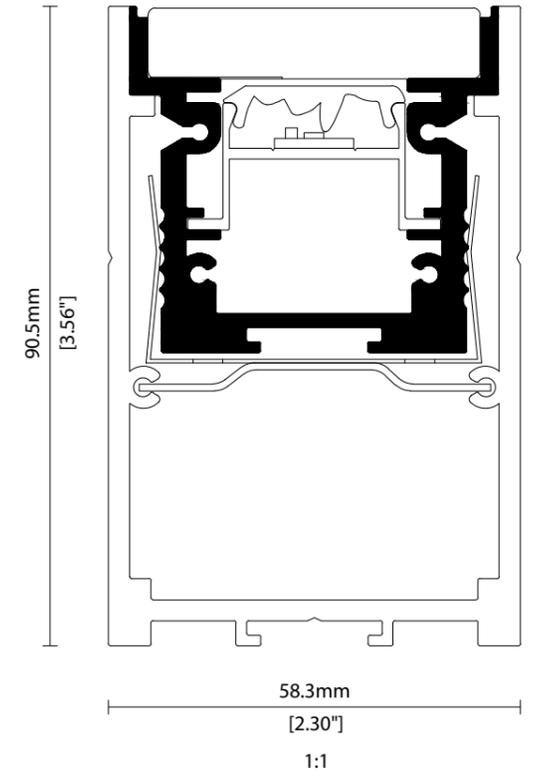
## LED Data (Based on 3000K)



SEN-F Asymmetric A040

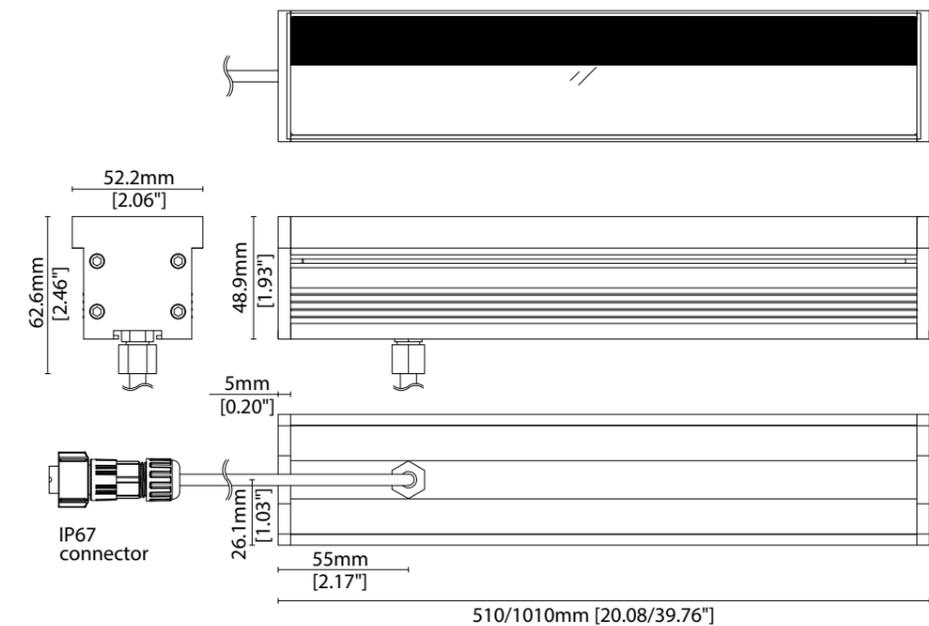
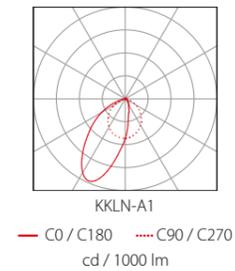


<b>Clear + KKLN-A1</b>	2952lm/m (900lm/ft) 74lm/W
<b>Wattage</b>	40W/m (12.19W/ft)
<b>Dimension</b>	H48.9/W52.2/L510/1010mm (H1.93/W2.06/L20.08/39.76")
<b>PCB Cut-point</b>	500mm (19.69")
<b>LED Pitch</b>	4.8mm – 208LED/m (0.19" – 64LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 75.6°C)



## Housing Data

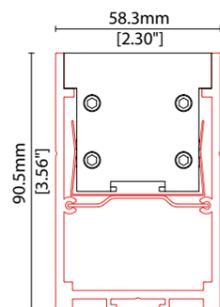
<b>Cover/Optics</b>	Clear glass + KKLN-A1 Asymmetric lens
<b>CCT</b>	A-line: 2700K/3000K/4000K
<b>LED binning</b>	A-line: 3-step MacAdam ellipse
<b>CRI</b>	93
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Recessed in-ground with ground box
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



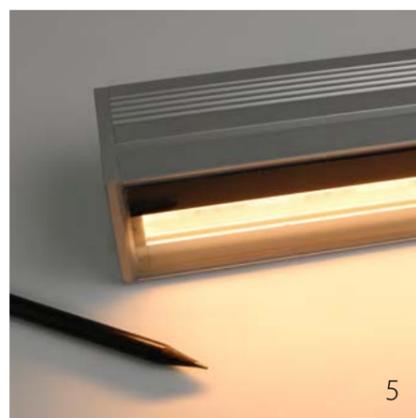
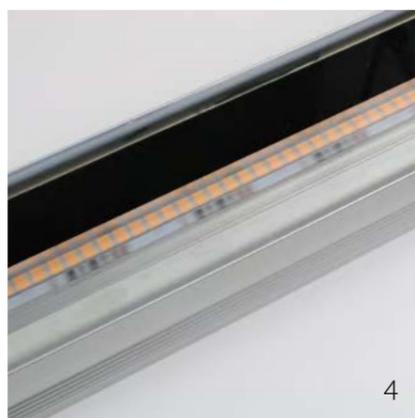
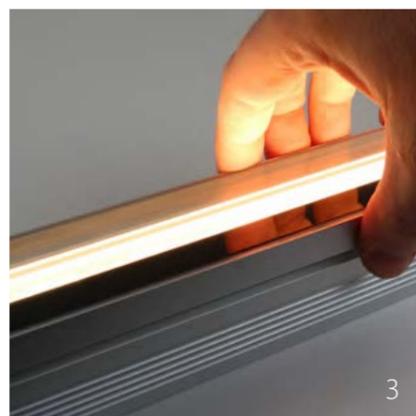
## Mounting methods



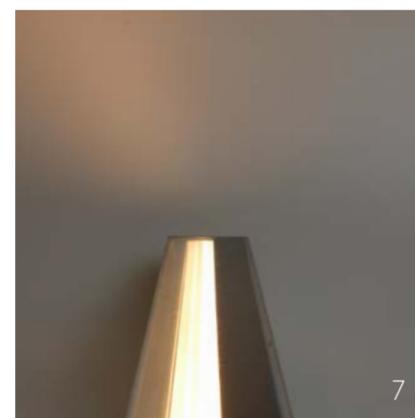
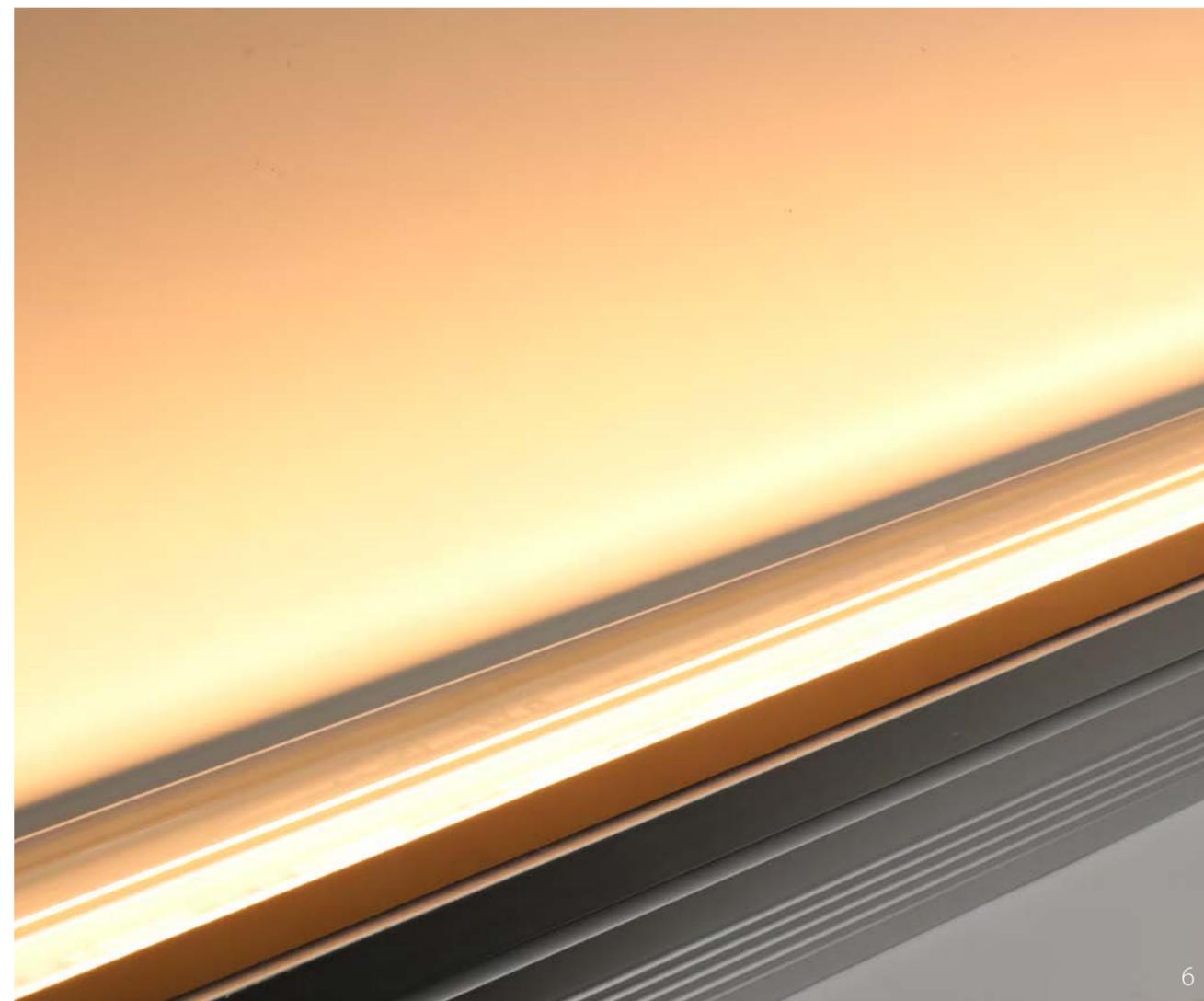
KKSG-02  
Ground box



## Detail shots

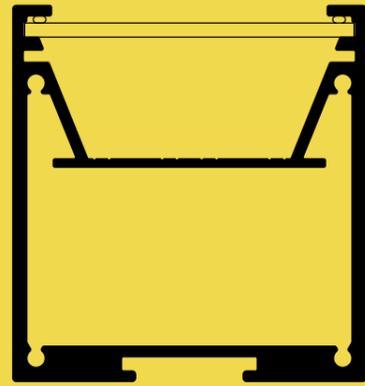


1. Rear cable exit IP67
2. Toughened glass cover for walkover
3. Very robust linear housing for exterior inground applications
4. Powerful A040 tight pitched LED for homogenous light output
5. Black internal glare shield



6. Smooth linear wallwasher performance
7. Asymmetric beam distribution

## 09. SUMO Series



SUMO

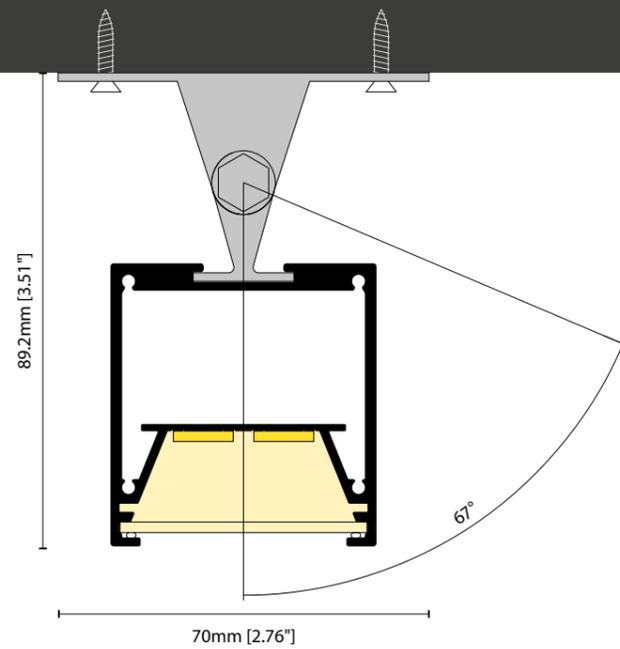
**244**

\*Profile drawings are 1:1 scale

Very large-form housing with space for twin SMD LED strips to provide a powerful yet fully diffused output with wide luminous aperture. IP44 or IP67 available with surface mounting via robust adjustable brackets.

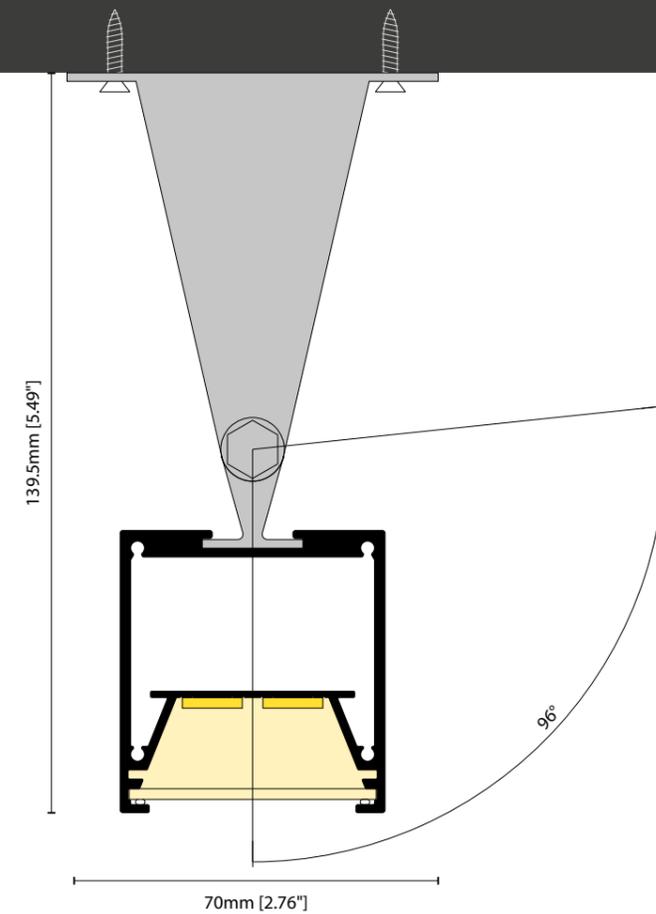
# SUMO

# SUMO



Small adjustable bracket  
KKBK-16

		SUMO
	LED	A030 x2
	W/m	60W
	Line	
Cover & Optics	IP44	■
	IP67	■
Cover & Optics	Clear	■
	Diffused	■



Large adjustable bracket  
KKBK-17



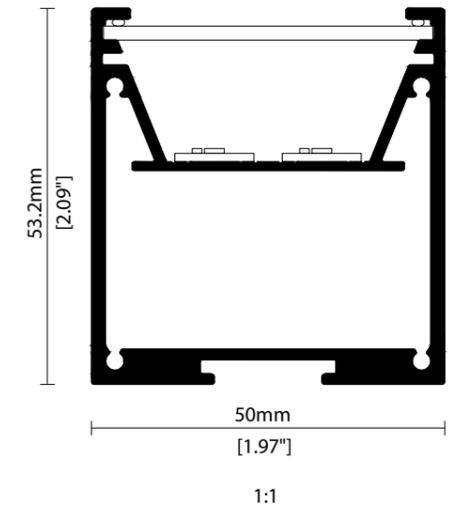
### LED Data (Based on 3000K)



SUMO A030 x2

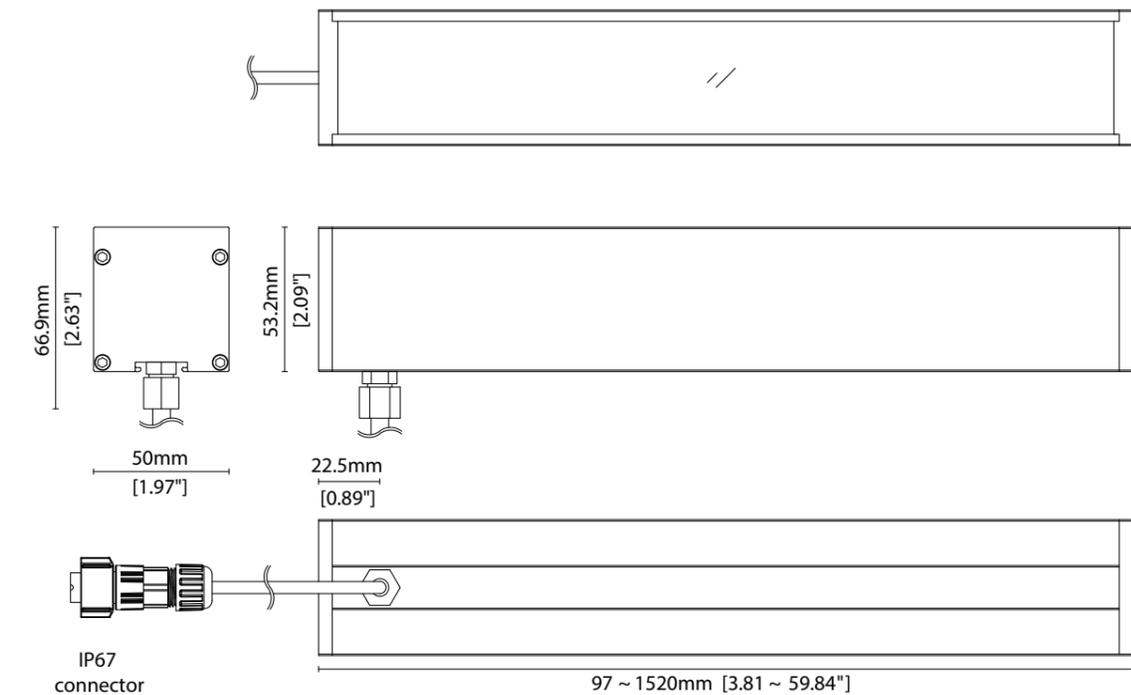
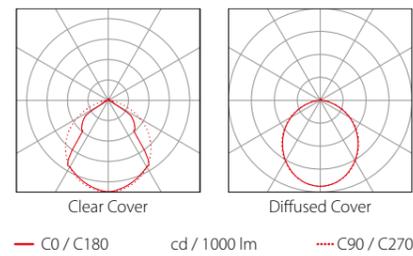


<b>Clear Cover</b>	5940lm/m (1811lm/ft) 99lm/W
<b>Diffused Cover</b>	4920lm/m (1500lm/ft) 82lm/W
<b>Wattage</b>	60W/m (18.29 W/ft)
<b>Dimension</b>	H53.2/W50/L97-1520mm (H2.09/W1.97/L3.81-59.84")
<b>PCB Cut-point</b>	38.46mm (1.51")
<b>LED Pitch</b>	4.8mm – 416LED/m (0.19" – 127LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 83.8°C)



### Housing Data

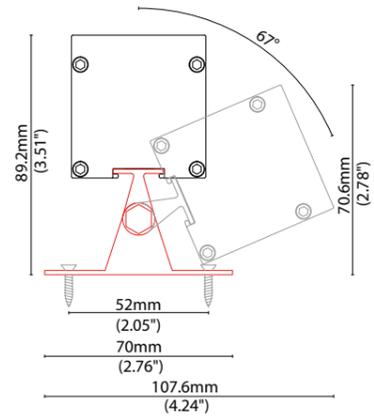
<b>Cover/Optics</b>	Clear (75°)/Diffused (105°)
<b>CCT</b>	A-line: 2700K/3000K/4000K
<b>LED binning</b>	A-line: 3-step MacAdam ellipse
<b>CRI</b>	≤94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP44/IP67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via adjustable brackets
<b>Power feed</b>	Sheathed hardwire tails
<b>Control</b>	0-10V/1-10V/DMX/DALI



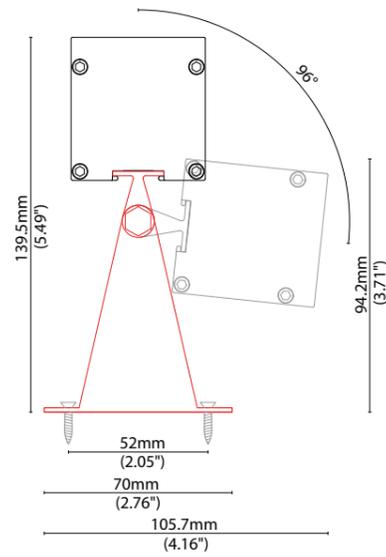
## Mounting methods



KKBK-16  
Small Adjustable bracket



KKBK-17  
Large Adjustable bracket



## Detail shots



1



2



3

1. Large exterior housing with diffused or clear cover options
2. Full diffusion with wide aperture
3. Rear cable exit



Best Design Awards  
Best of Discipline 2018



Best Design Awards  
Winner 2018

**Project:** Waterview Connection Tunnel, Auckland  
**Lighting Design:** Beca  
**Architect:** Warren + Mahoney Architects  
**Photography:** Sam Hartnett Photography  
 KKDC New Zealand

## 10. GROOVE Series



GROOVE Light

**252**



GROOVE Light IP67

**256**



GROOVE Light  
RGB

**252**



GROOVE In  
GROOVE In RGB

**260**

\*Profile drawings are 1:1 scale

Ultra slim low output linear marker light range designed for flush recessing into joinery and architecture details with IP40, IP65 or IP67 housing variants. White CCT or RGB fully diffused with true end-to-end diffusion allows assembly of long continuous light lines. Illuminating 'X' and 'L' joint accessories also available for creative architectural highlighting.

# GROOVE

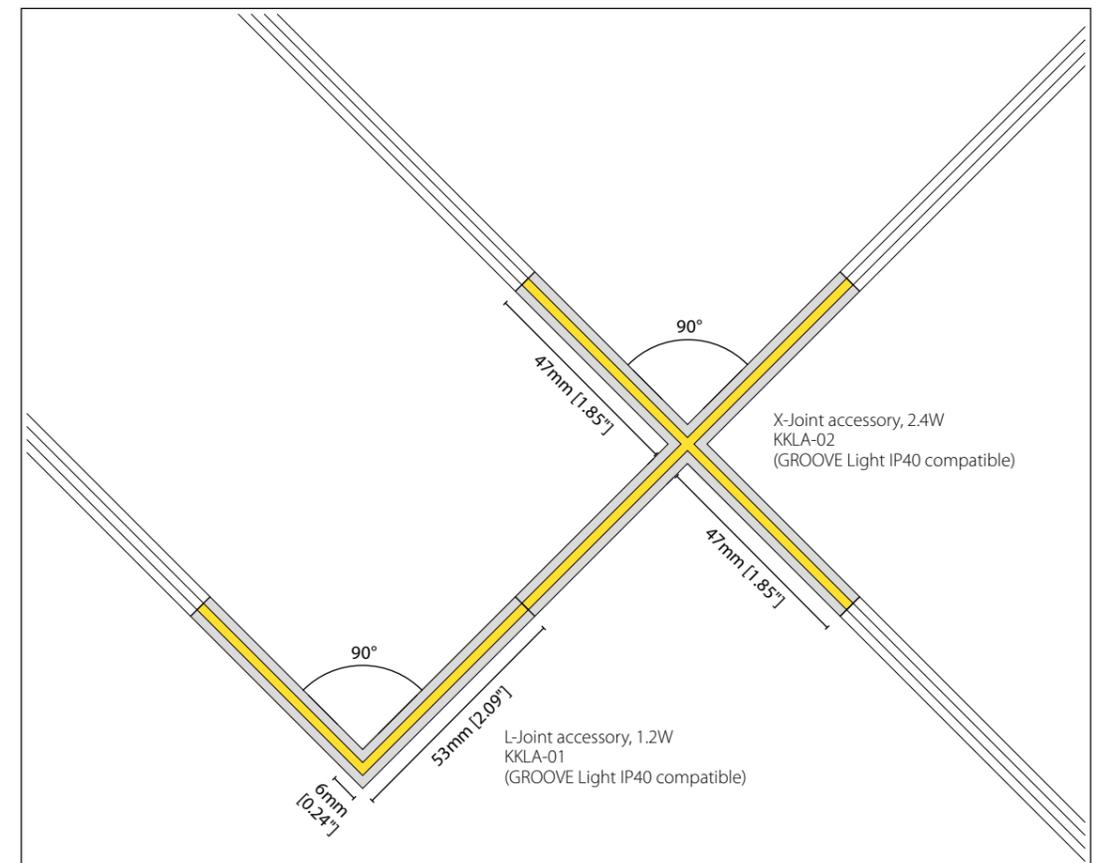
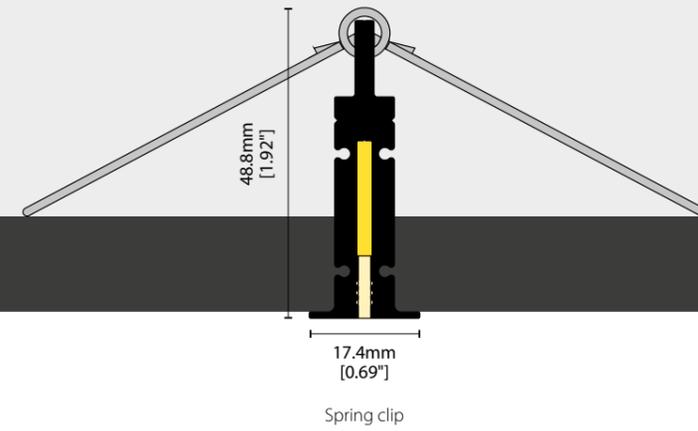
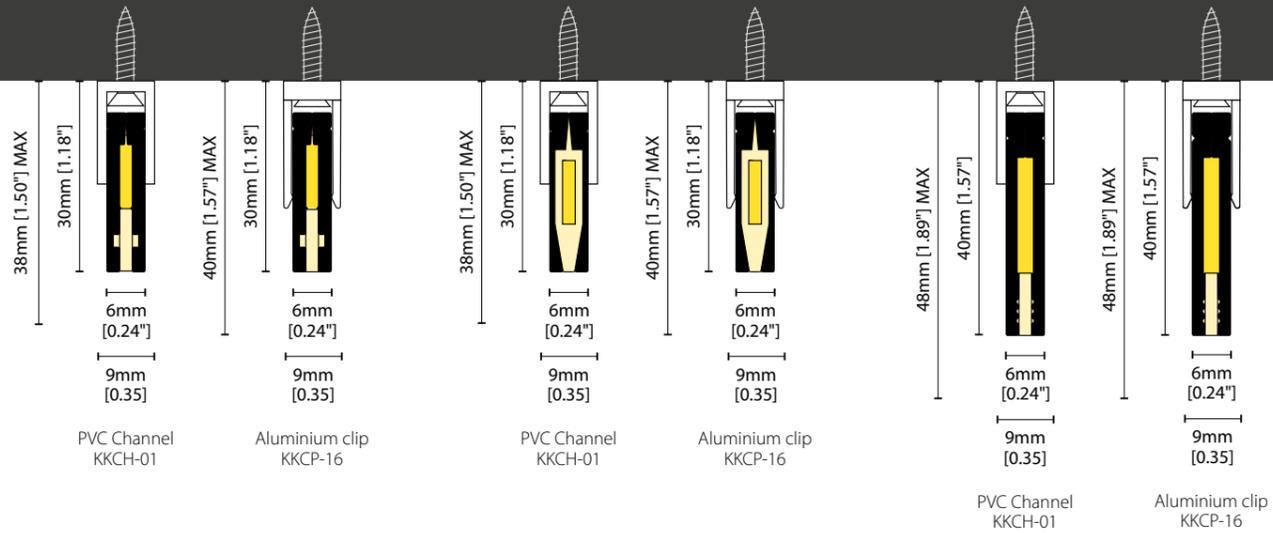
# GROOVE

## GROOVE In/GROOVE In RGB

### GROOVE Light

### GROOVE Light IP67

### GROOVE Light RGB



	GROOVE Light			GROOVE In	
	White	White IP67	RGB	HCRI	RGB
LED	White	White IP67	RGB	HCRI	RGB
W/m	12W	12W	21.6W	12W	21.6W
Line					
IP	IP40	■	■	■	■
	IP65	■	■	■	■
	IP67		■		
Cover & Optics	Diffused	■	■	■	■

# GROOVE Light



## LED Data (Based on 3000K, s-line)

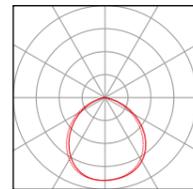


	GROOVE Light	GROOVE Light RGB
<b>Diffused Cover</b>	24lm/m (7lm/ft) 2lm/W	Red: 2lm/m (0.6lm/ft) Green: 10lm/m (3lm/ft) Blue: 3lm/m (1lm/ft) RGB: 15lm/m (5lm/ft)
<b>Wattage</b>	12W/m (3.65W/ft)	21.6W/m (6.58W/ft)
<b>Dimension</b>	H25/W6/L100-1000mm (H0.98/W0.24/L3.94-39.37")	H35/W6/L100-1000mm (H1.38/W0.24/L3.94-39.37")
<b>PCB Cut-point</b>	100mm (3.94")	100mm (3.94")
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 60°C)	T <sub>a</sub> = -25 to 35°C (T <sub>c</sub> Max = 66°C)



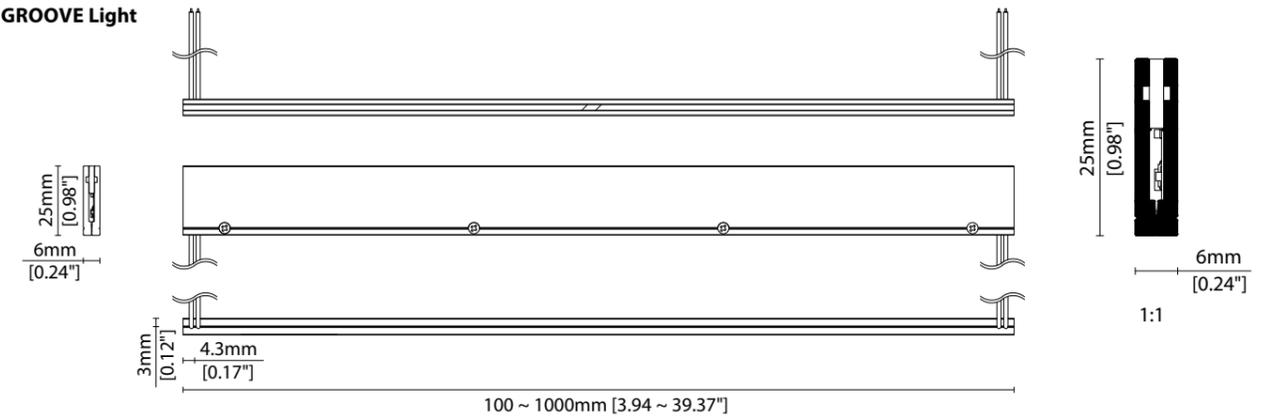
## Housing Data

<b>Cover/Optics</b>	Diffused (110°)
<b>CCT</b>	s-line: 2700K/3000K/4000K
<b>LED binning</b>	s-line: 3-step MacAdam ellipse
<b>CRI</b>	≥92
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40/IP65
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Recessed mounting via clips or channel (no flange)
<b>Power feed</b>	Hardwire tails
<b>Control</b>	0-10V/1-10V/DMX/DALI

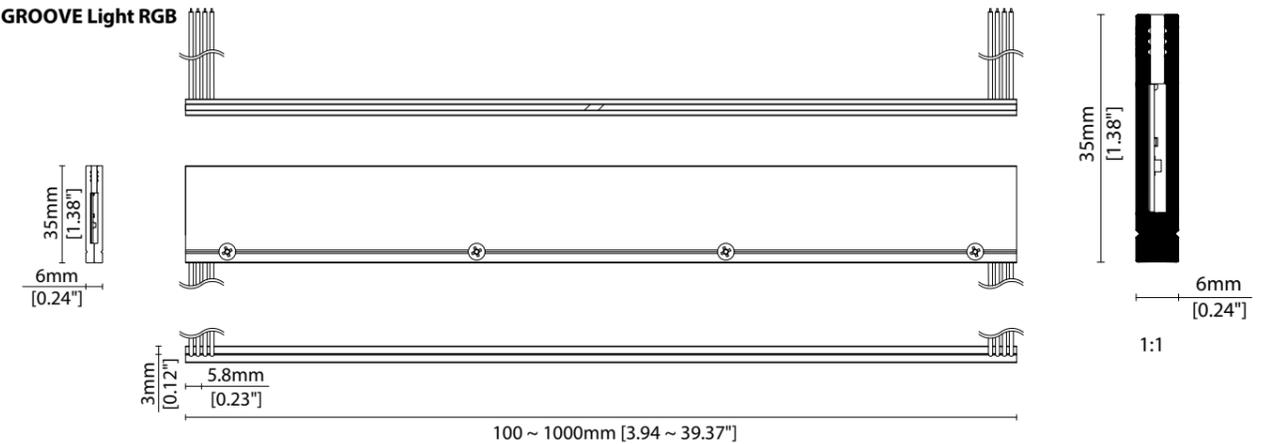


Diffused Cover  
— C0 / C180    - - - C90 / C270  
cd / 1000 lm

## GROOVE Light



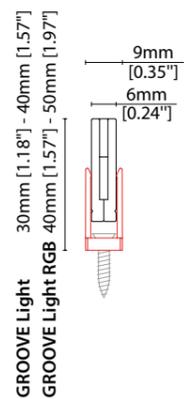
## GROOVE Light RGB



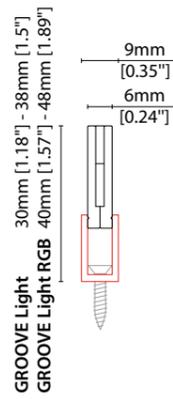
## Mounting methods



KKCP-16  
Clip



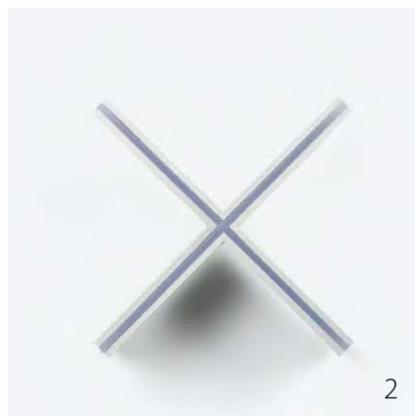
KKCH-01  
PVC Channel



## Detail shots



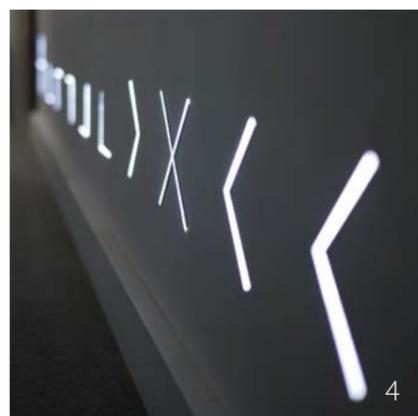
1



2



3



4

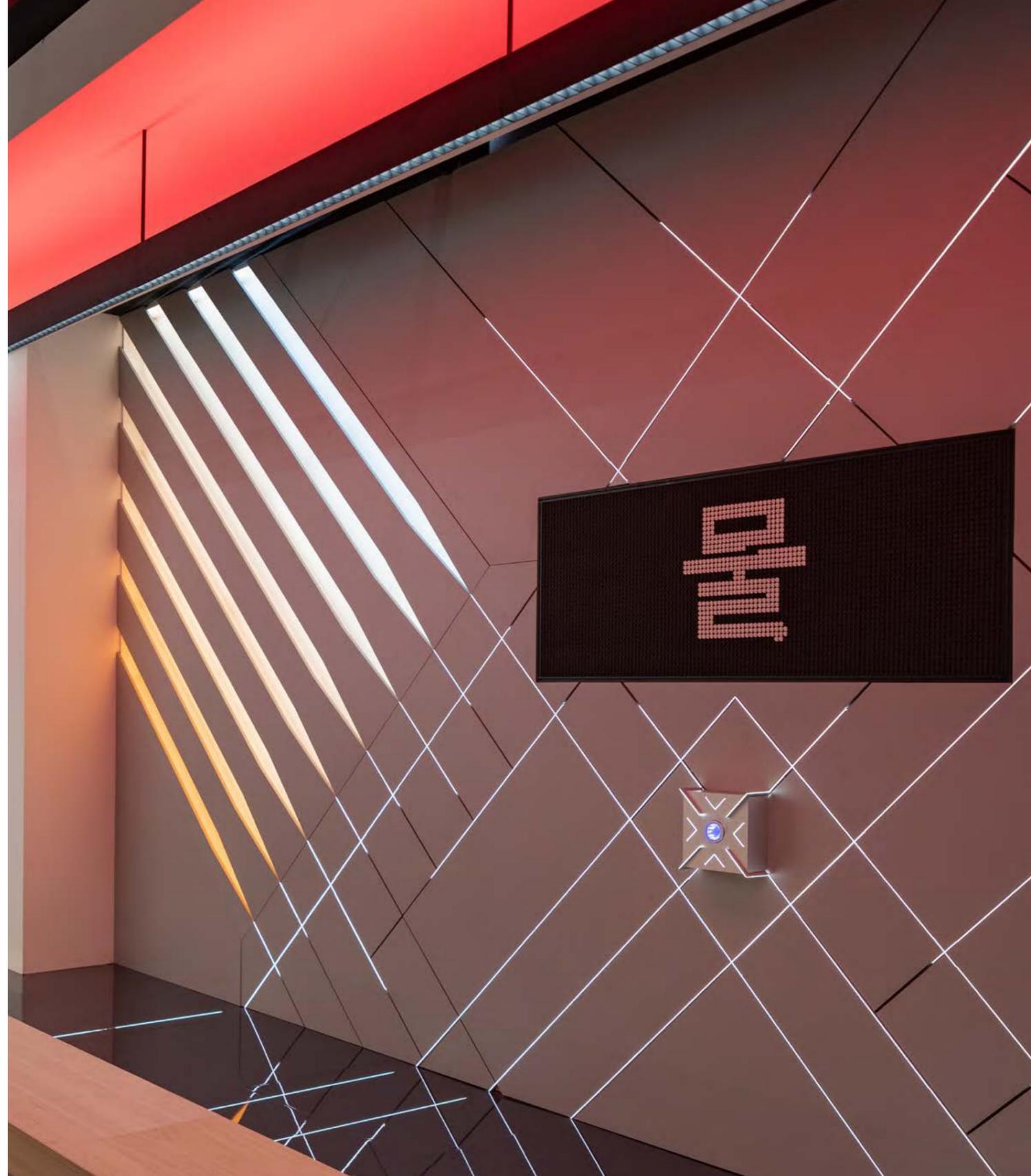


5



6

1. KKLA-01 L accessory (Not compatible with IP67 or RGB)
2. KKLA-02 X accessory (Not compatible with IP67 or RGB)
3. GROOVE light flush recessed into joinery
4. Flush recessed illuminated X & L accessories
5. PVC channel install
6. GROOVE Light RGB cable exit



GROOVE Light installation at Light + Building exhibition, 2022

# GROOVE Light IP67



## LED Data (Based on 3000K, s-line)



GROOVE Light IP67

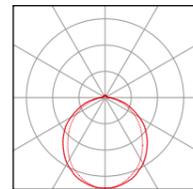


<b>Diffused Cover</b>	40lm/m (12lm/ft) 5lm/W
<b>Wattage</b>	12W/m (3.65W/ft)
<b>Dimension</b>	H25/W6/L100-1000mm (H0.98/W0.24/L3.94-39.37")
<b>PCB Cut-point</b>	100mm (3.94")
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 72°C)

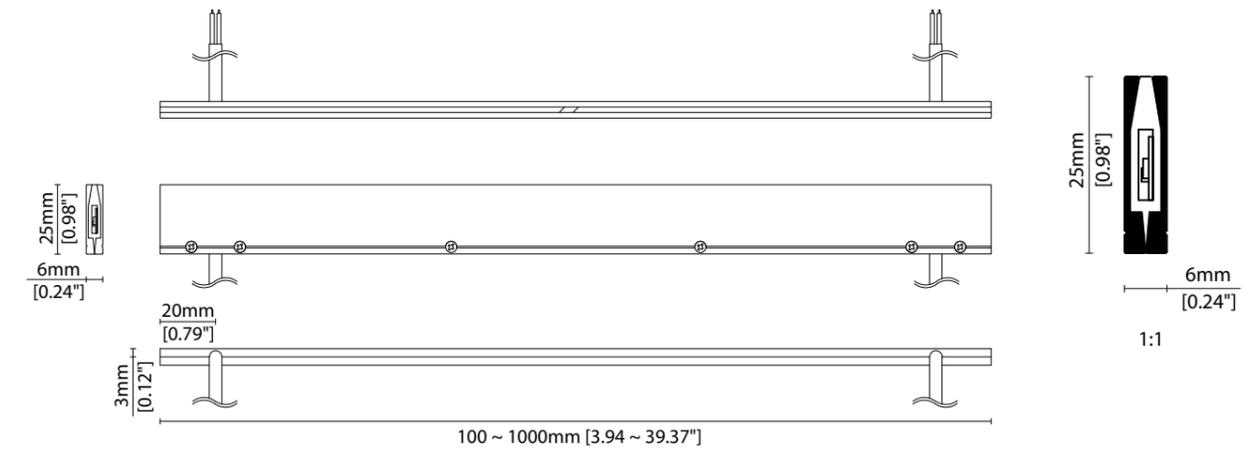


## Housing Data

<b>Cover/Optics</b>	115° (Diffused cover)
<b>CCT</b>	<b>s-line:</b> 2300K/2500K/2700K/3000K/3500/4000K <b>k-line:</b> 2300K/2500K/2700K/3000K/3500/4000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥92
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Recessed mounting via clips or channel (no flange)
<b>Power feed</b>	Sheathed Hardwire tails
<b>Control</b>	0-10V/1-10V/DMX/DALI



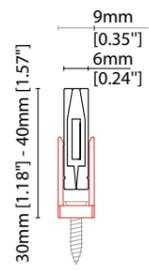
Diffused Cover  
— C0 / C180    - - - C90 / C270  
cd / 1000 lm



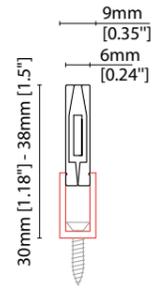
## Mounting methods



KKCP-16  
Clip



KKCH-01  
PVC Channel



## Detail shots



1



2

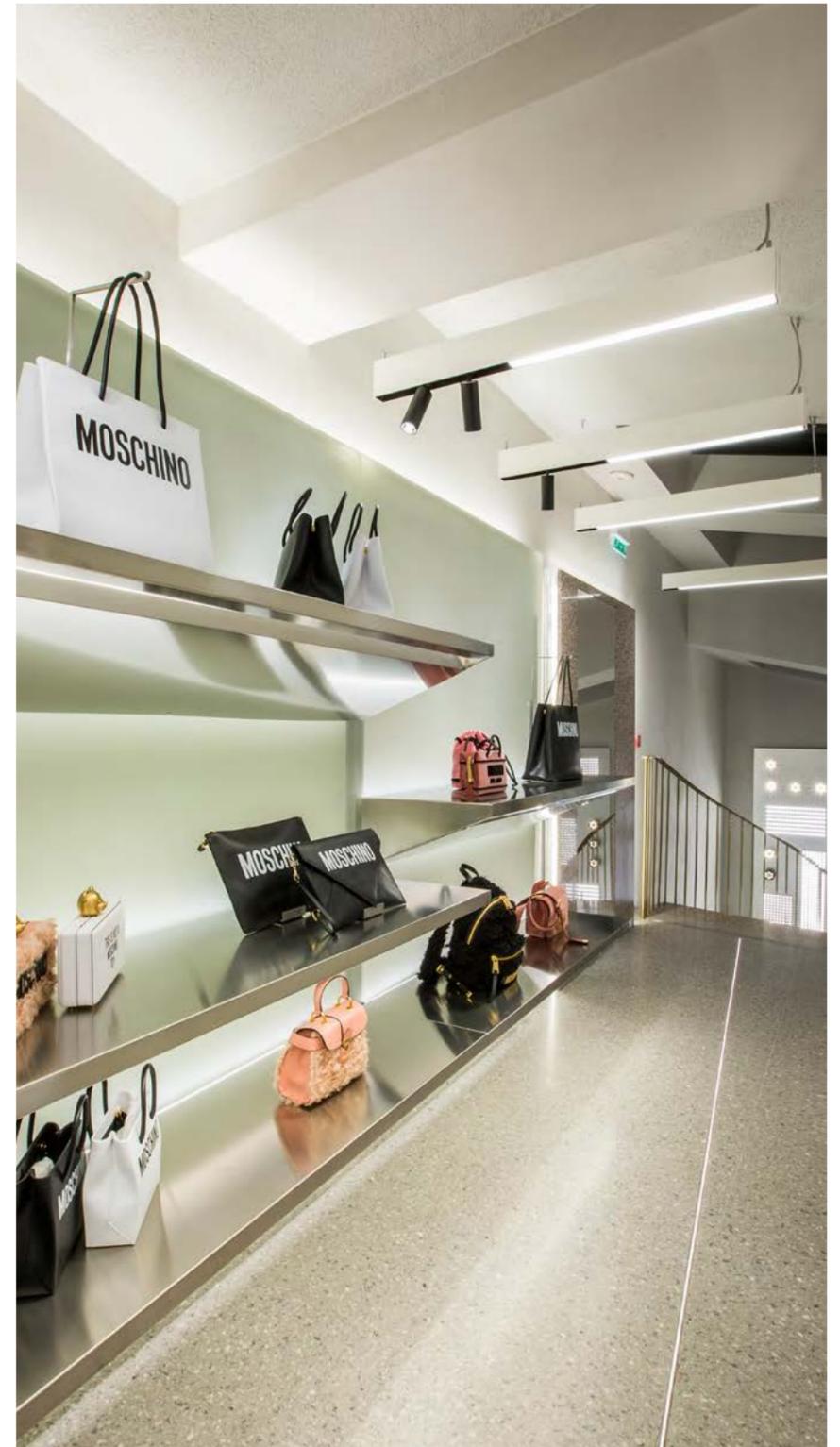


3

1. Recessed edging application
2. Super slim 6mm width
3. IP67, full end to end illumination



**Project:** 36 Abbott Street, Cairns  
**Lighting Design:** WSP Brisbane  
**Architect:** Edge Architects  
 KKDC Melbourne



**Project:** Moschino, Italy  
**Architect:** Fabio Ferrillo  
**Lighting Design:** OFF ARCH/FLOS  
**Photography:** Courtesy of Moschino  
 KKDC Italy

# GROOVE In

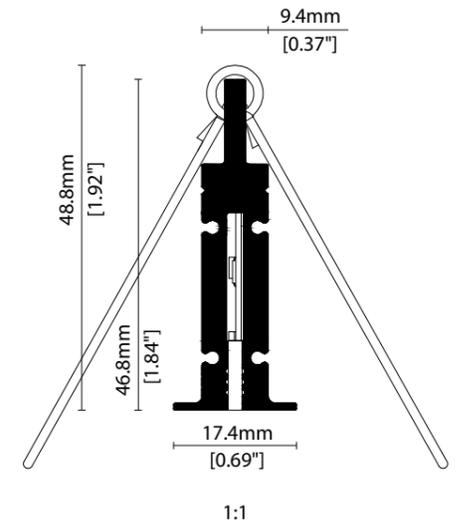


## LED Data (Based on 3000K, s-line)



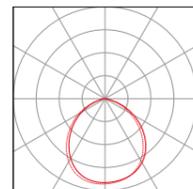
**GROOVE In (HCRI)** **GROOVE In (RGB)**

<b>Diffused Cover</b>	24lm/m (7lm/ft) 2lm/W	Red: 2lm/m (0.6lm/ft) Green: 10lm/m (3lm/ft) Blue: 3lm/m (1lm/ft) RGB: 15lm/m (5lm/ft)
<b>Wattage</b>	12W/m (3.65 W/ft)	21.6W/m (6.58W/ft)
<b>Dimension</b>	H46.8/W17.4/L115-1015mm (H1.84/W0.69/L4.53-39.96") (Excluding spring clips)	H46.8/W17.4/L115-1015mm (H1.84/W0.69/L4.53-39.96") (Excluding spring clips)
<b>PCB Cut-point</b>	100mm (3.94")	100mm (3.94")
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 65°C)	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 57°C)

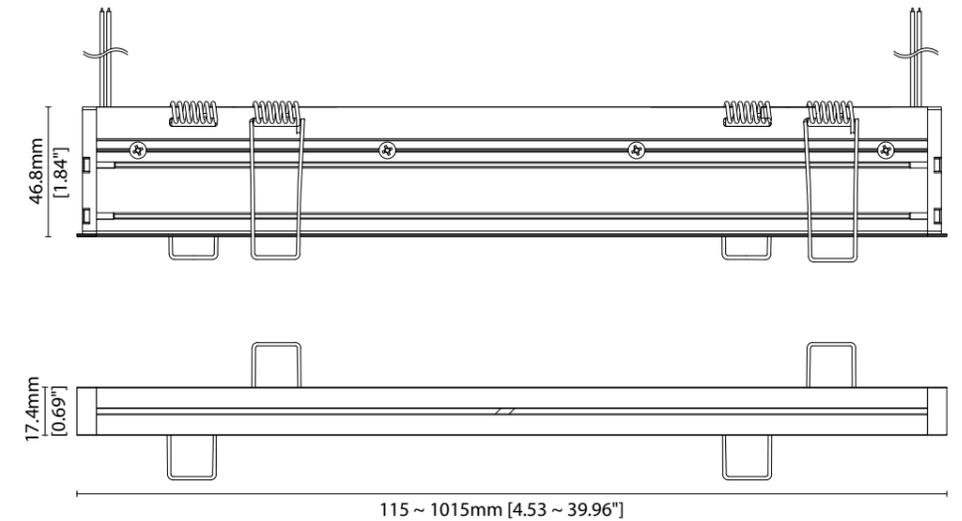
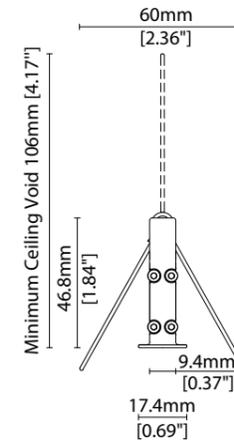


## Housing Data

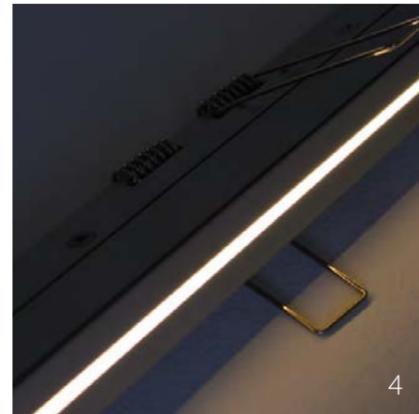
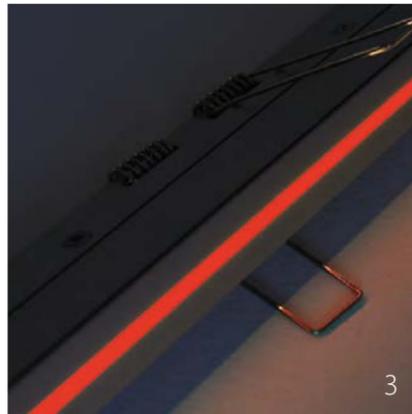
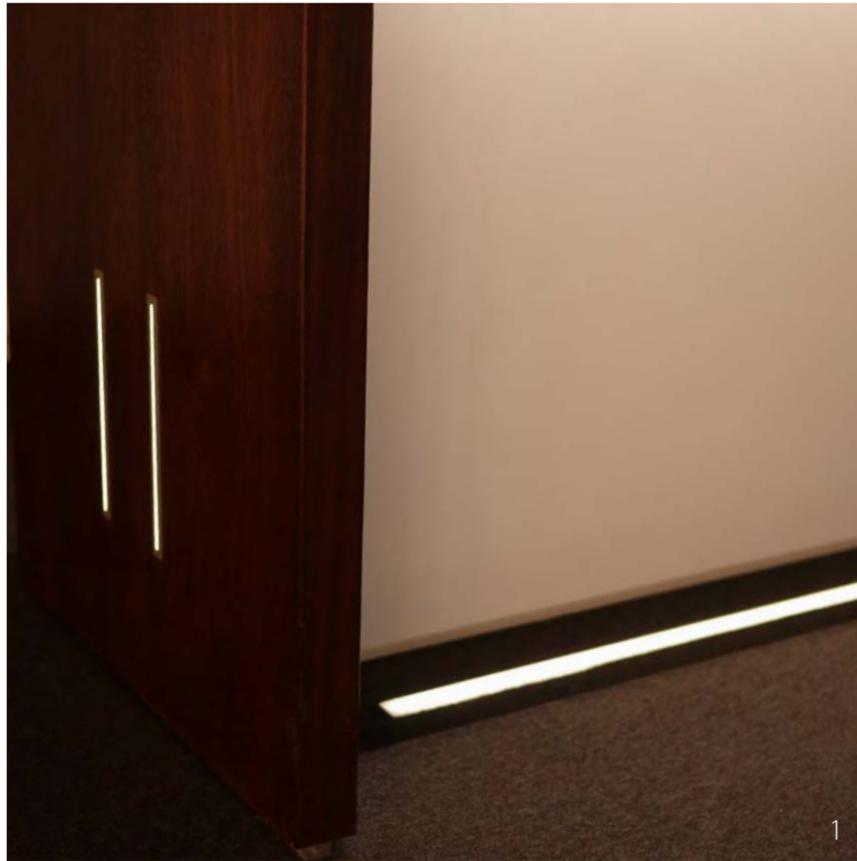
<b>Cover/Optics</b>	Diffused (110°)
<b>CCT</b>	s-line: 2700K/3000K/4000K
<b>LED binning</b>	s-line: 3-step MacAdam ellipse
<b>CRI</b>	≥92
<b>Lifetime</b>	30,000 hours @ 25°C (30,000 hours @ 77°F)
<b>IP Rating</b>	IP40/IP65
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Recessed mounting via spring clips
<b>Power feed</b>	Hardwire tails
<b>Control</b>	0-10V/1-10V/DMX/DALI



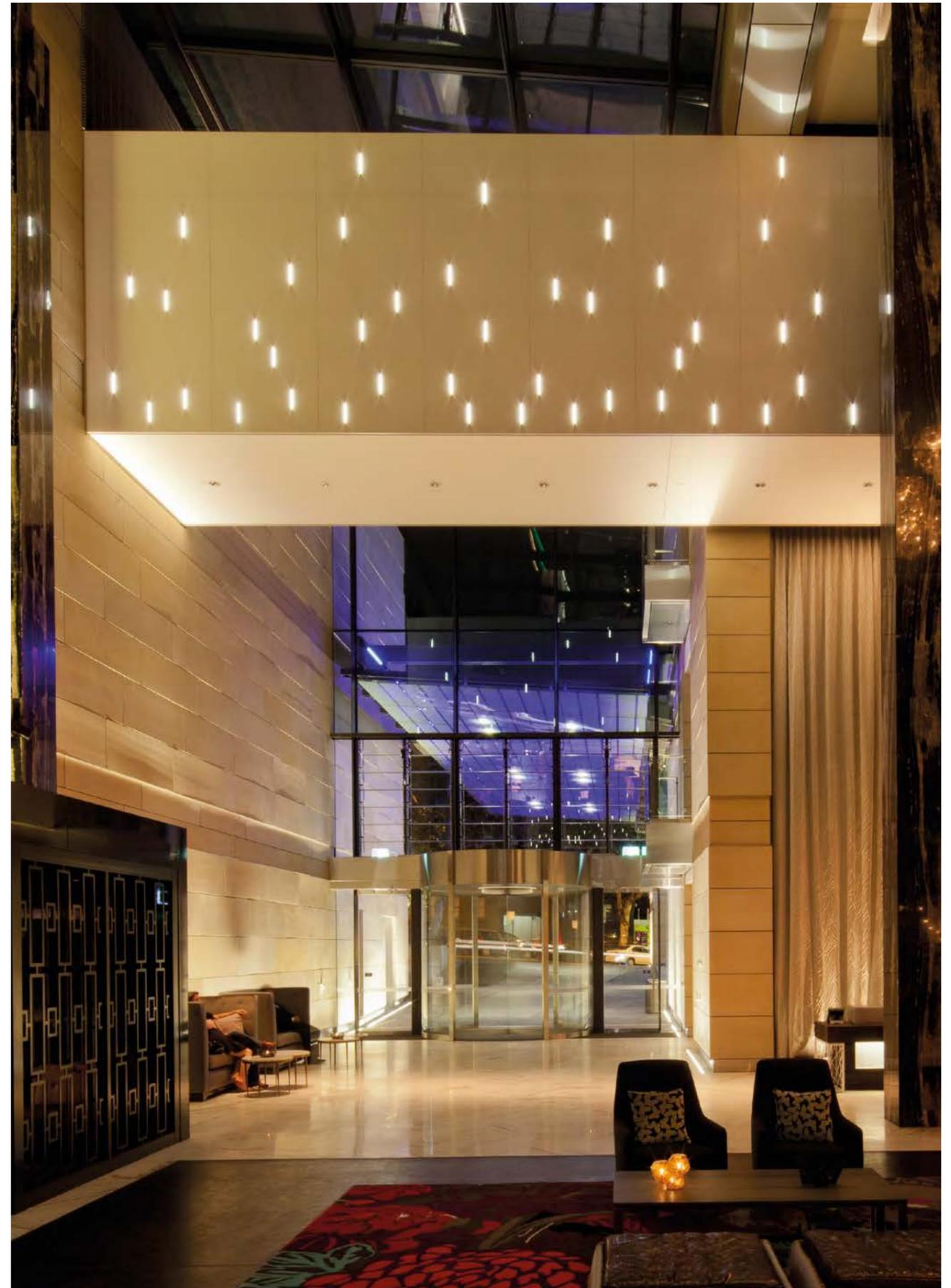
Diffused Cover  
— C0 / C180 — C90 / C270  
cd / 1000 lm



Detail shots

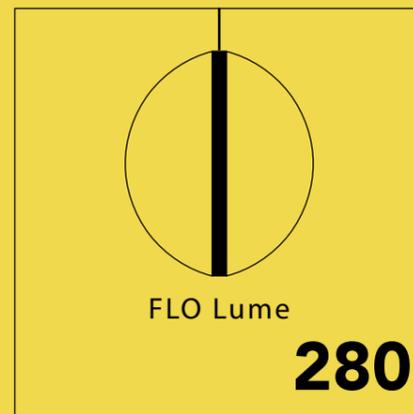
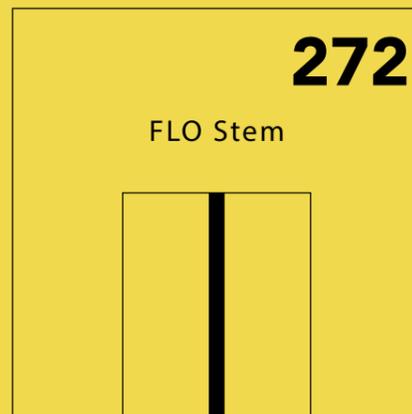
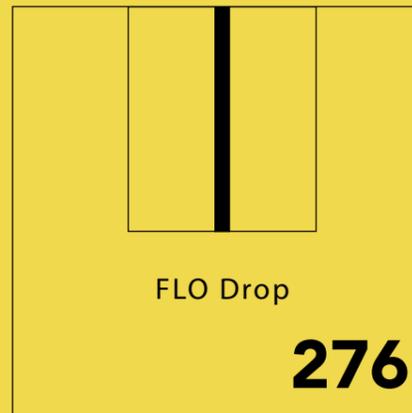
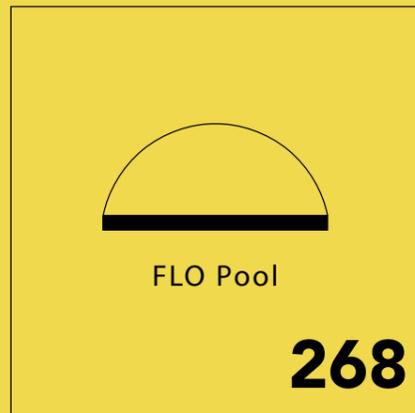


1. Recessed joinery installation
2. Anodised aluminium housing with robust CNC machined end cap
3. RGBW colour change
4. Warm white CCT linear orientation light line



**Project:** The Darling Hotel Lobby  
**Lighting Design:** Point of View  
 KKDC Sydney

# 11. FLO Series



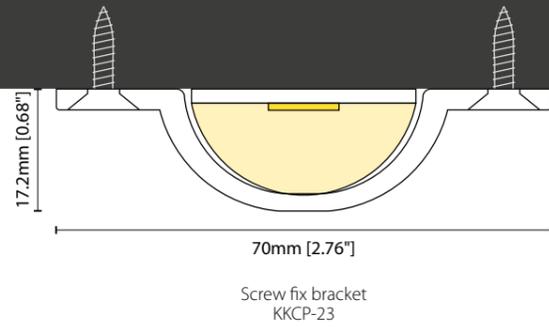
\*Profile drawings are 1:1 scale

IP68 luminaires for pool lighting, garden or decorative pendant applications. Made from tough, opaque and lightly textured, specially developed resin material to create a soft, fully homogenous light output which uniquely illuminates evenly end-to-end.

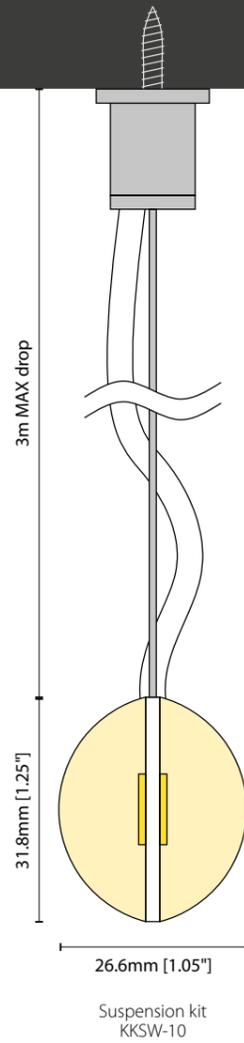
**O  
L  
E**

# FLO

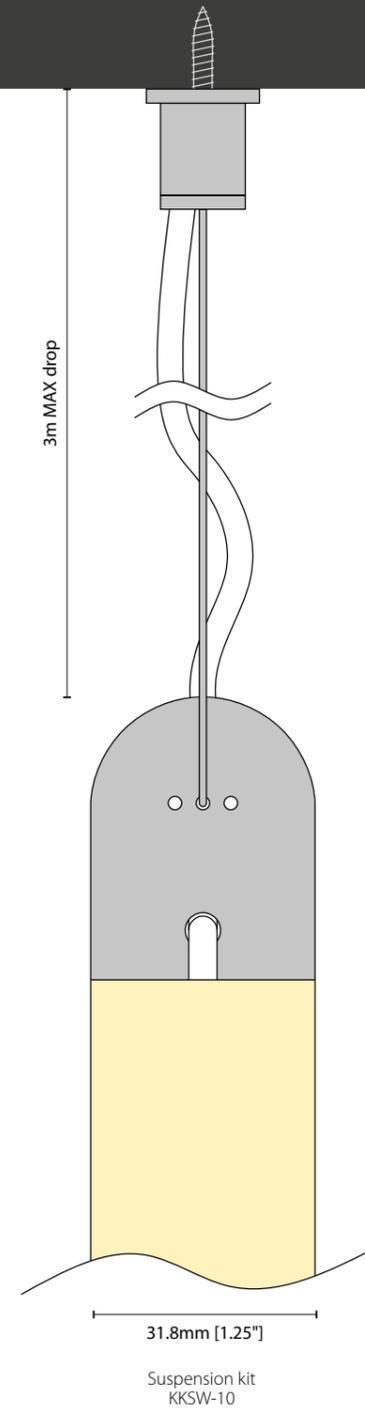
FLO Pool



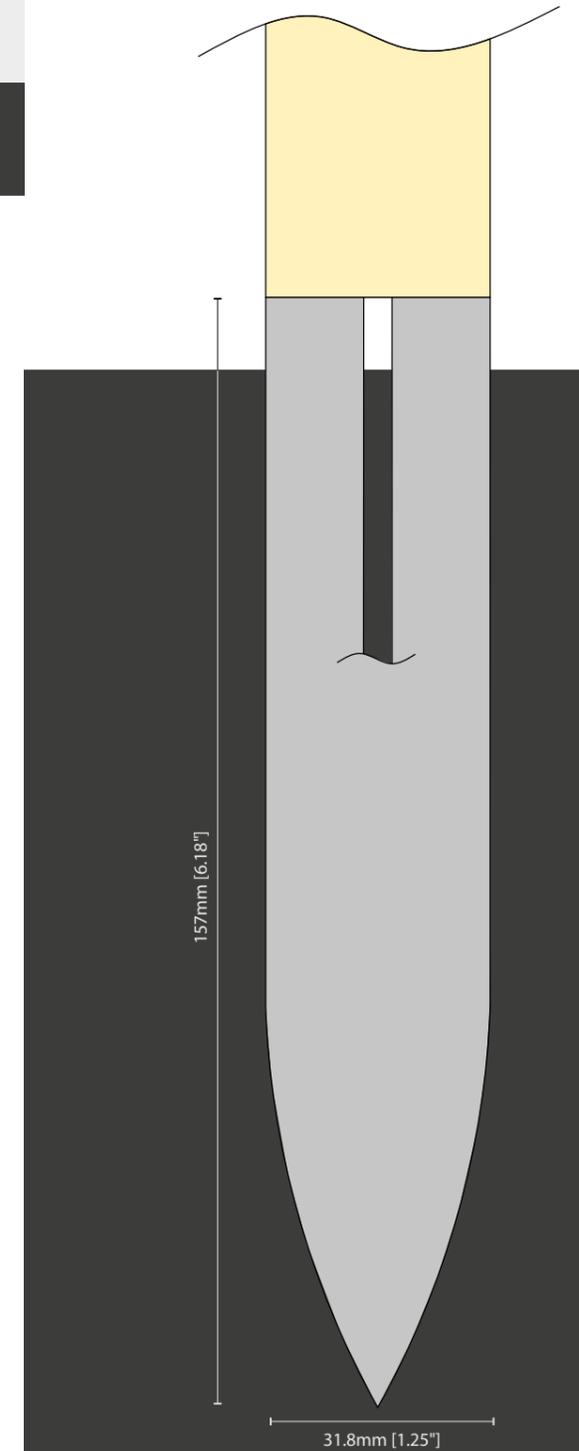
FLO Lume



FLO Drop



FLO Stem



	FLO Pool	FLO Lume	FLO Drop	FLO Stem
LED	White	White	White	White
W/m	18W	36W	36W	36W
Line				
IP	IP68	IP68	IP68	IP68
Cover & Optics	Diffused	Diffused	Diffused	Diffused



## LED Data (Based on 3000K, s-line)



FLO Pool

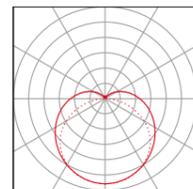


<b>Diffused Cover</b>	396lm/m (121lm/ft) 22lm/W
<b>Wattage</b>	18W/m (5.49W/ft)
<b>Dimension</b>	H15/W31.8/L129-2004mm (0.59/1.25/5.08-78.9")
<b>PCB Cut-point</b>	62.5mm (2.46")
<b>LED Pitch</b>	10.4mm - 96LED/m (0.41" - 29LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 67°C)

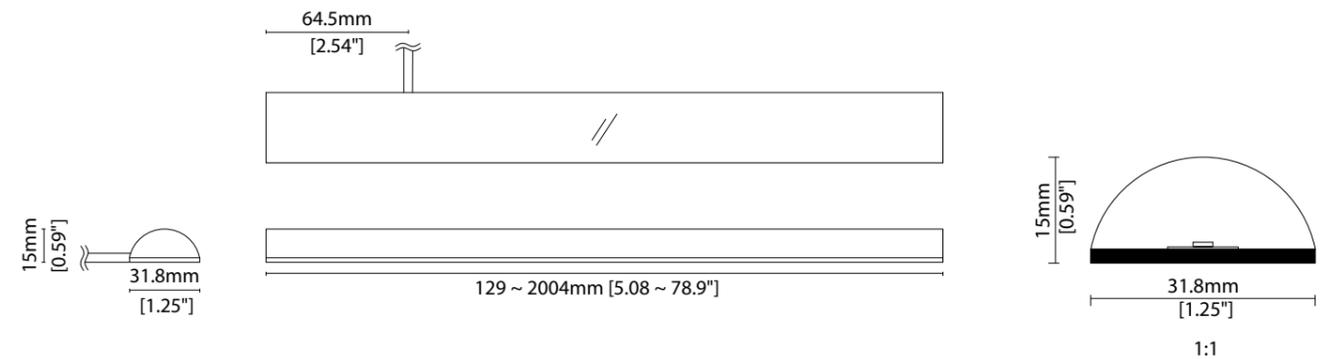


## Housing Data

<b>Cover/Optics</b>	Diffused resin (130°)
<b>CCT</b>	<b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	86
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP68
<b>Finish</b>	Custom alabaster marble effect resin/Anodized aluminium
<b>Mounting</b>	Screw-fix mounting brackets
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI
<b>Warranty</b>	Submerged in Pool 1 year or out of pool 3 years
<b>Submersion Depth</b>	2m max



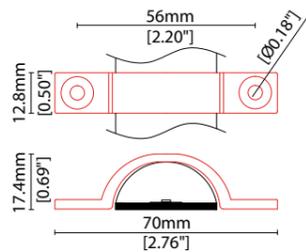
Diffused Cover  
— C0 / C180    - - - C90 / C270  
cd / 1000 lm



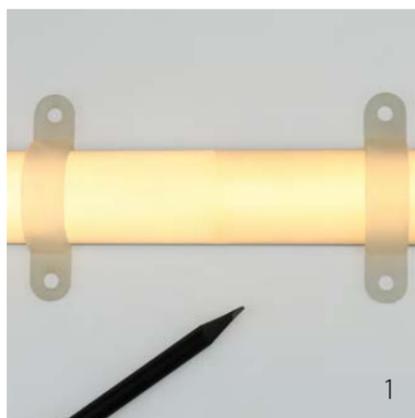
### Mounting methods



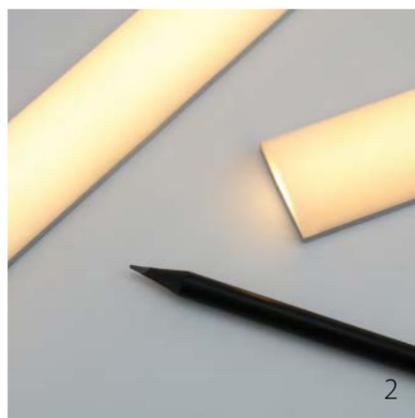
KKCP-23  
Screw-fix mounting  
bracket



### Detail shots

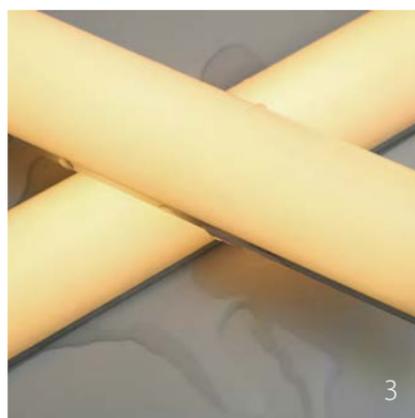


1



2

- 1. Secure mounting with fixing bracket
- 2. True end to end illumination
- 3. IP68 for underwater application



3





## LED Data (Based on 3000K, s-line)



FLO Stem

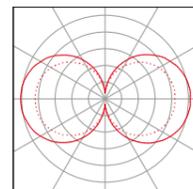
s-k-

<b>Diffused Cover</b>	1159lm/m (353lm/ft) 32lm/W
<b>Wattage</b>	36W/m (10.97W/ft)
<b>Dimension</b>	H28/W31.8/L286-1161mm (1.10/1.25/11.26-45.71")
<b>PCB Cut-point</b>	62.5mm (2.46")
<b>LED Pitch</b>	10.4mm – 192LED/m (0.41" – 58LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 75°C)

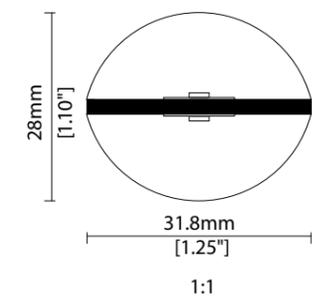
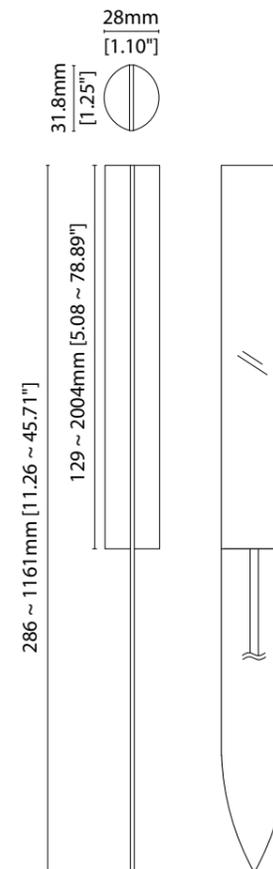


## Housing Data

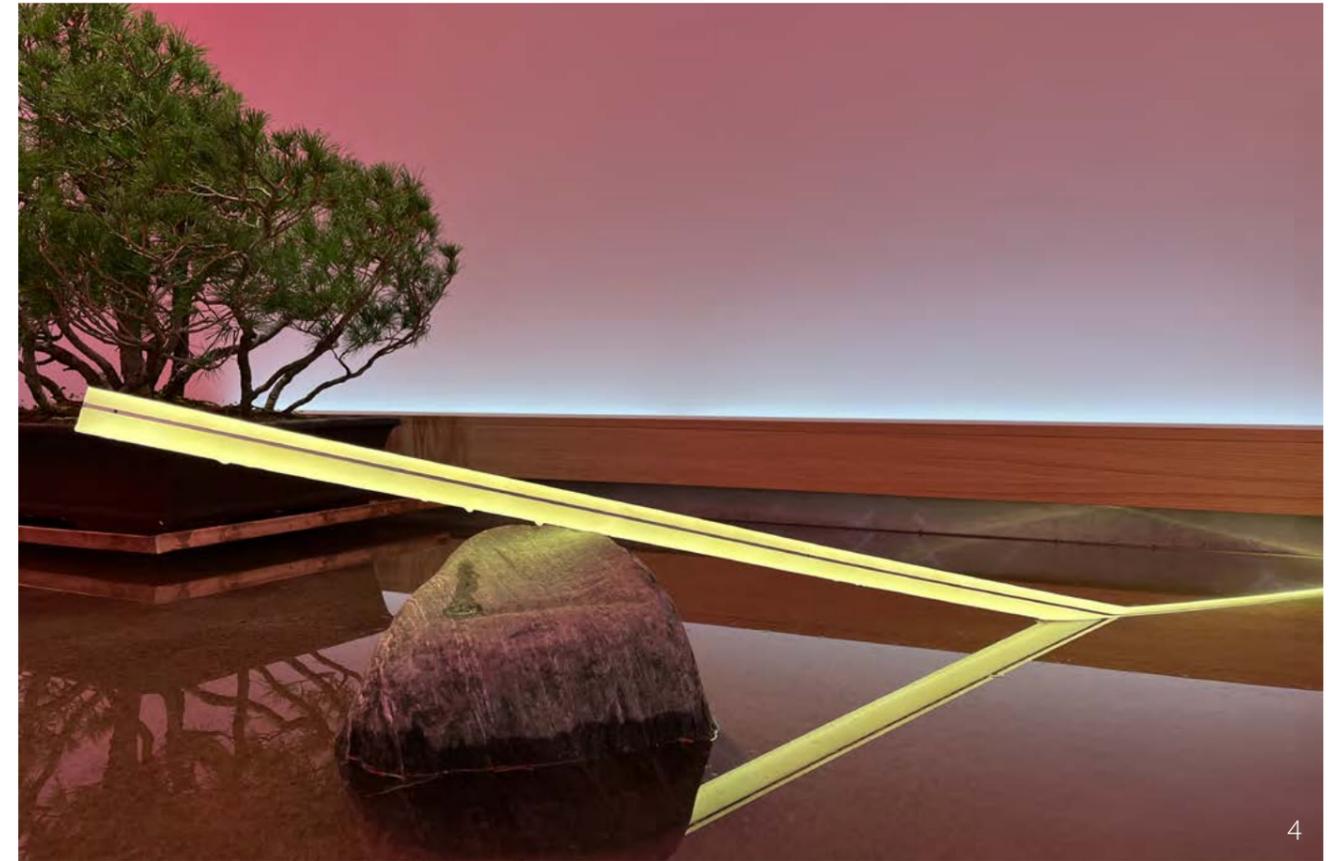
<b>Cover/Optics</b>	Diffused resin (130° x2)
<b>CCT</b>	<b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	88
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP68
<b>Finish</b>	Custom alabaster marble effect resin/Anodized aluminium
<b>Mounting</b>	Ground spike
<b>Power feed</b>	Hardwire tail
<b>Control</b>	0-10V/1-10V/DMX/DALI



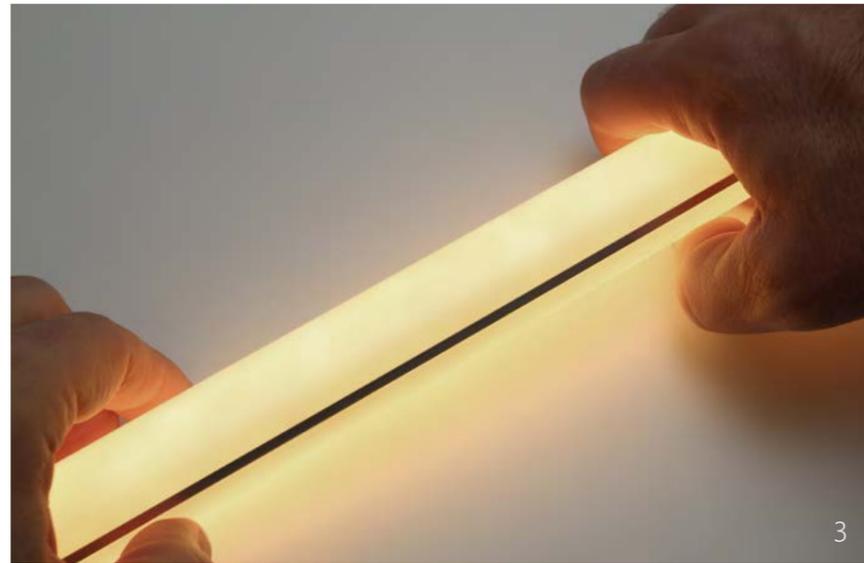
Diffused Cover  
— C0 / C180    - - - C90 / C270  
cd / 1000 lm



Detail shots



- 1. Double sided homogenous light emission
- 2. FLO Stem top, turned off
- 3. Strong rigid form with end to end diffusion



- 4. IP68 waterproof
- 5. Shown with custom vertical mounting

# FLO Drop

FLO Drop

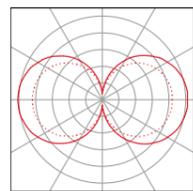


View online



## Housing Data

<b>Cover/Optics</b>	Diffused resin (130° x2)
<b>CCT</b>	<b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	87
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP68
<b>Finish</b>	Custom alabaster marble effect resin/Anodized aluminium
<b>Mounting</b>	Suspension kit
<b>Power feed</b>	Hardwire tail
<b>Control</b>	0-10V/1-10V/DMX/DALI



Diffused Cover  
— C0 / C180    - - - C90 / C270  
cd / 1000 lm

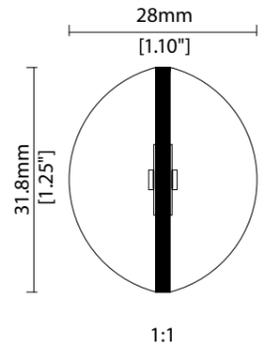
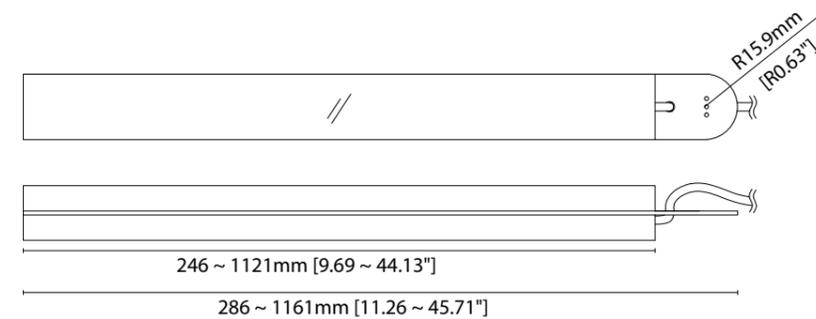
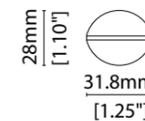
## LED Data (Based on 3000K, s-line)



FLO Drop



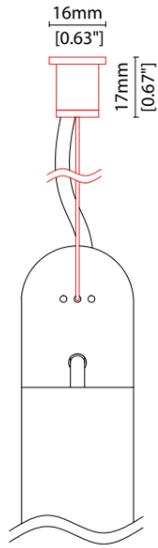
<b>Diffused Cover</b>	1177lm/m (359lm/ft) 33lm/W
<b>Wattage</b>	36W/m (10.97W/ft)
<b>Dimension</b>	H28/W31.8/L286-1161mm (1.10/1.25/11.26-45.71")
<b>PCB Cut-point</b>	62.5mm (2.46")
<b>LED Pitch</b>	10.4mm – 192LED/m (0.41" – 58LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 75°C)



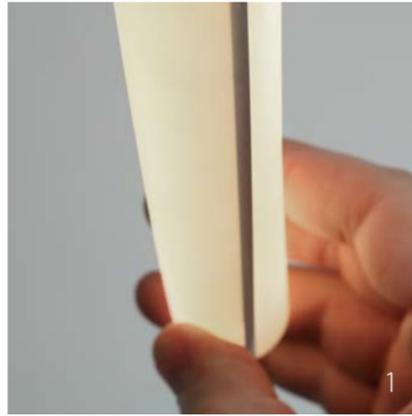
## Mounting methods



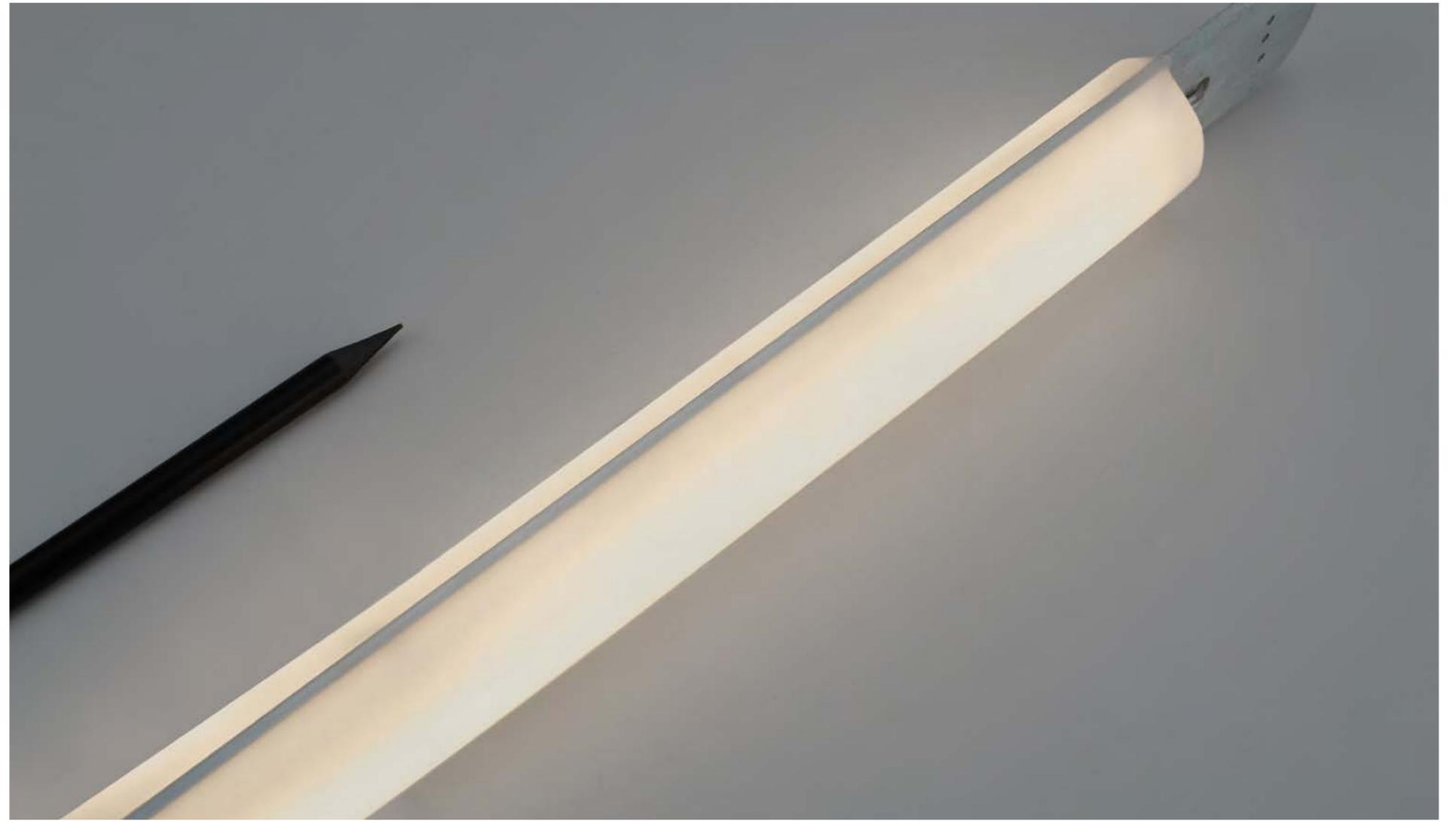
KKSU-10  
Suspension kit



## Detail shots



1. Tough resin and aluminium construction
2. Clear sheathed decorative cable
3. Soft white finish when off



# FLO Lume

FLO Lume



View online



## LED Data (Based on 3000K, s-line)



FLO Lume

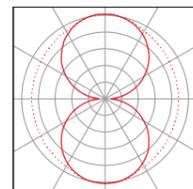


<b>Diffused Cover</b>	1105lm/m (337lm/ft) 31lm/W
<b>Wattage</b>	36W/m (10.97W/ft)
<b>Dimension</b>	H28/W31.8/L129-4004mm (1.10/1.25/5.08-157.64")
<b>PCB Cut-point</b>	62.5mm (2.46")
<b>LED Pitch</b>	10.4mm – 192LED/m (0.41" – 58LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 75°C)

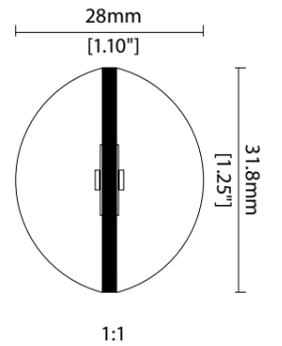
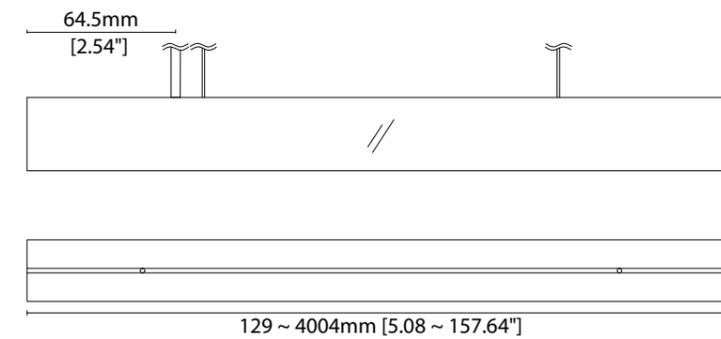
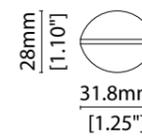


## Housing Data

<b>Cover/Optics</b>	Diffused resin (130° x2)
<b>CCT</b>	<b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/ 4000K/5000K <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/ 4000K/5000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	87
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP68
<b>Finish</b>	Custom alabaster marble effect resin/Anodized aluminium
<b>Mounting</b>	Suspension kit
<b>Power feed</b>	Hardwire tail
<b>Control</b>	0-10V/1-10V/DMX/DALI



Diffused Cover  
— C0 / C180    - - - C90 / C270  
cd / 1000 lm



## Mounting methods

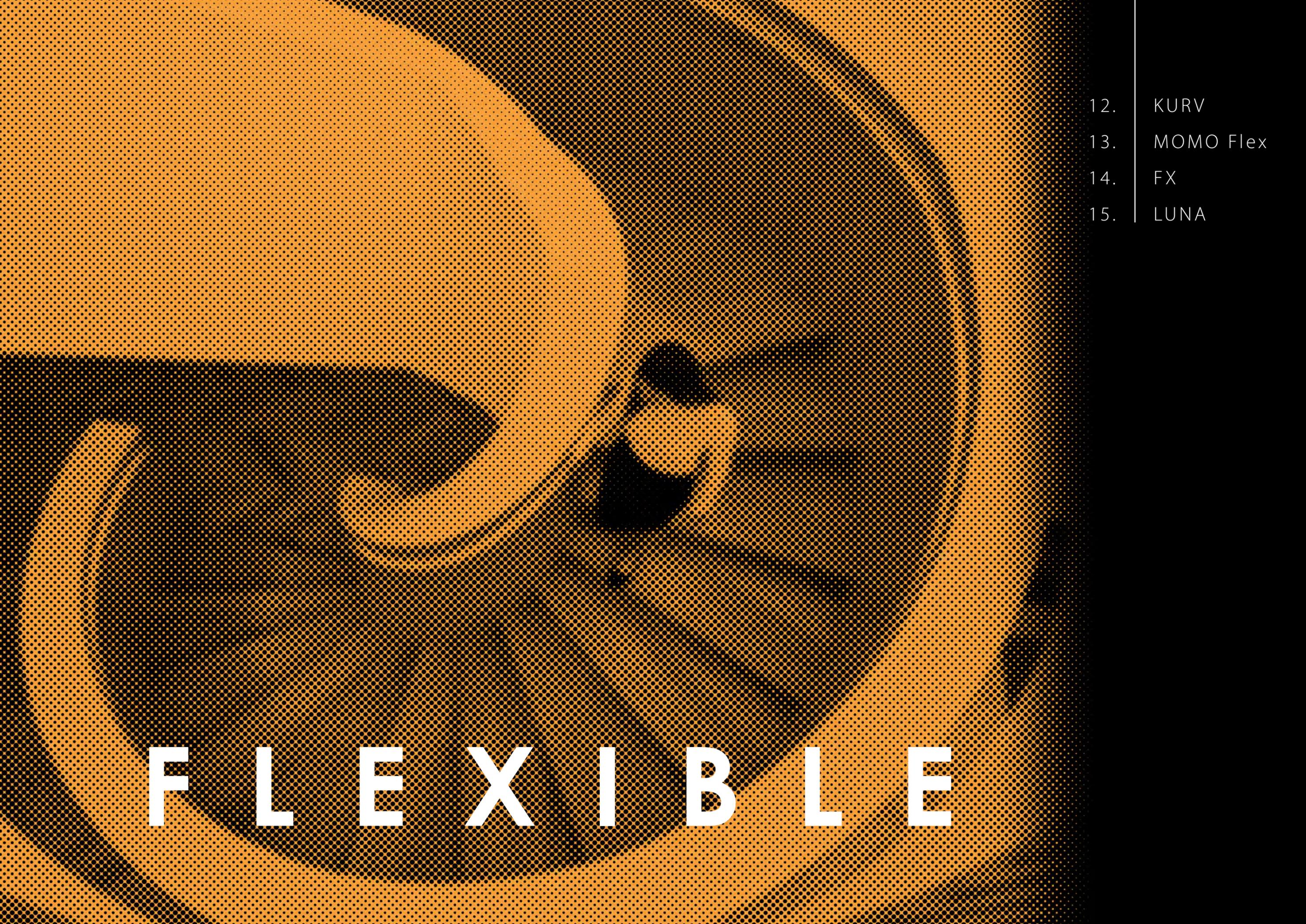


## Detail shots



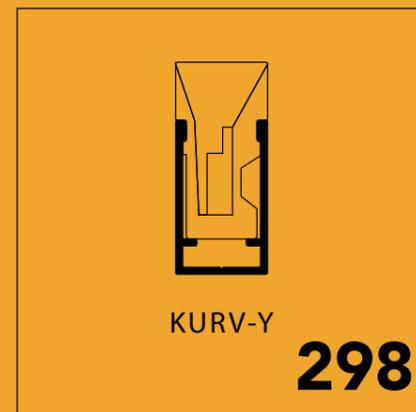
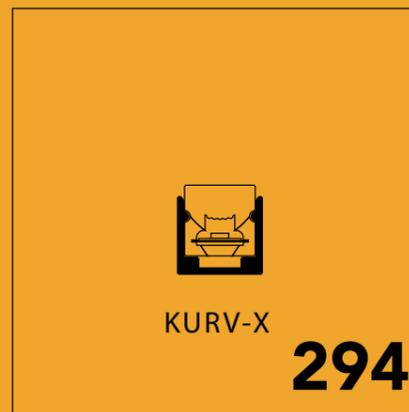
1. Tough resin and aluminium construction with suspension hole
2. 360° soft diffused light output
3. Linear pendant with suspension wire



- 
- 12. KURV
  - 13. MOMO Flex
  - 14. FX
  - 15. LUNA

**FLEXIBLE**

## 12. KURV Series



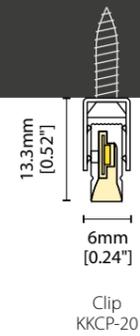
\*Profile drawings are 1:1 scale

Slim IP67 flexible fully diffused silicone sealed light strips with light emission surface bendable around either a vertical ('Y') or horizontal ('X') axis. Designed for flush integration into architectural details with curved forms and wet area applications. Full end-to-end diffusion allows creation of seamless light line runs.

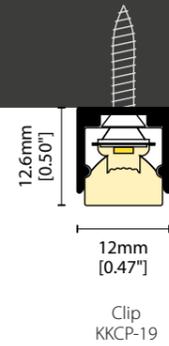
KURV

# KURV

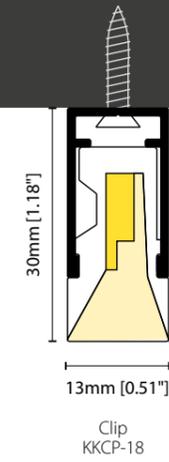
## KURV Groove



## KURV-X



## KURV-Y



	KURV Groove	KURV-X	KURV-Y		
LED	White	White	White	LEDmix	RGB
W/m	12W	12W	18W	15.6W	15.6W
Line					
IP	IP67	IP67	IP67	IP67	IP67
Cover & Optics	Diffused	Diffused	Diffused	Diffused	Diffused

# KURV Groove

KURV Groove



View online



## LED Data (Based on 3000K, s-line)



KURV Groove

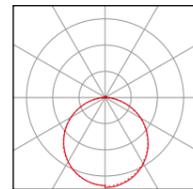
s-k-

<b>Diffused Cover</b>	280lm/m (85lm/ft) 23lm/W
<b>Wattage</b>	12W/m (3.66W/ft)
<b>Dimension</b>	H12/W6/L50-5000mm (H0.47/W0.24/L1.97-196.9") + end cap length
<b>PCB Cut-point</b>	50mm (1.97")
<b>LED Pitch</b>	8.33mm – 120LED/m (0.32" – 37LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 65°C)

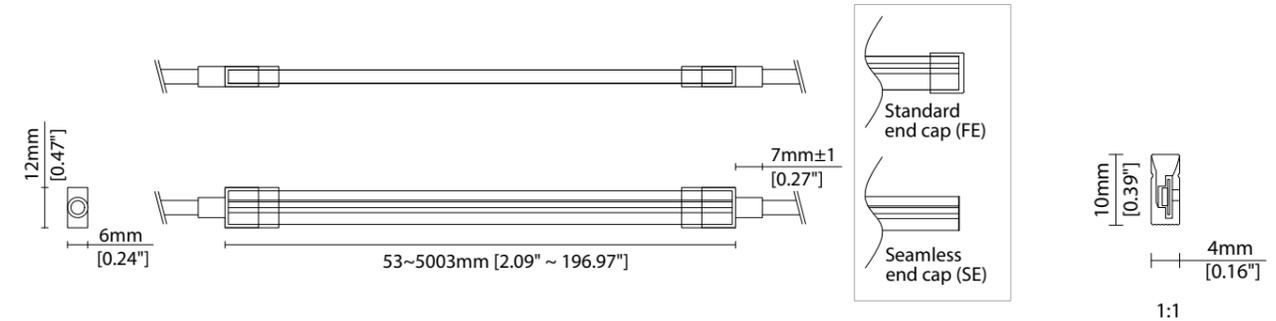


## Housing Data

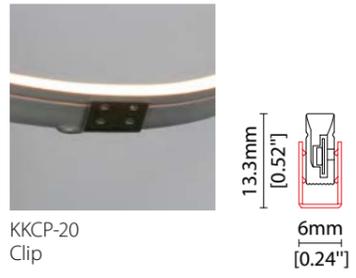
<b>Cover/Optics</b>	Diffused (130°)
<b>CCT</b>	s-line: 2300K/2700K/3000K/3200K/4000K k-line: 2300K/2700K/3000K/3200K/4000K
<b>LED binning</b>	s-line: 2-step MacAdam ellipse k-line: 3-step MacAdam ellipse
<b>CRI</b>	≥90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP67
<b>Finish</b>	White Silicone
<b>Mounting</b>	Surface Mounting via concealed clip
<b>Min bend radius</b>	125mm (4.92")
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



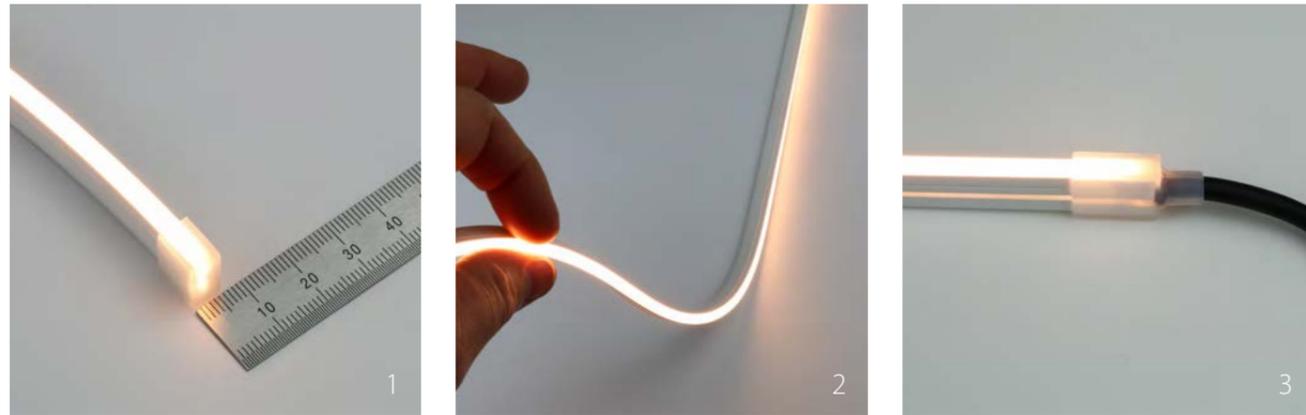
Diffused Cover  
— C0 / C180    - - - C90 / C270  
cd / 1000 lm



## Mounting methods



## Detail shots



1. Slim 4mm luminous width
2. Flexible fully diffused silicone housing
3. 6mm wide cable exit end cap
4. IP67 water resistance



GROOVE Flex alongside GROOVE Light

# KURV-X

KURV-X



View online



## LED Data (Based on 3000K, s-line)



KURV-X White

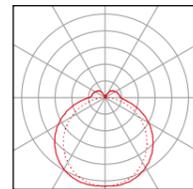


<b>Diffused Cover</b>	550lm/m (167lm/ft) 46lm/W
<b>Wattage</b>	12W/m (3.66W/ft)
<b>Dimension</b>	H12.4/W12.4/L41.7-5000mm (H0.49/W0.49/L1.64-196.9") + end cap length
<b>PCB Cut-point</b>	41.67mm (1.64")
<b>LED Pitch</b>	6.95mm – 144LED/m (0.27" – 44LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 65°C)

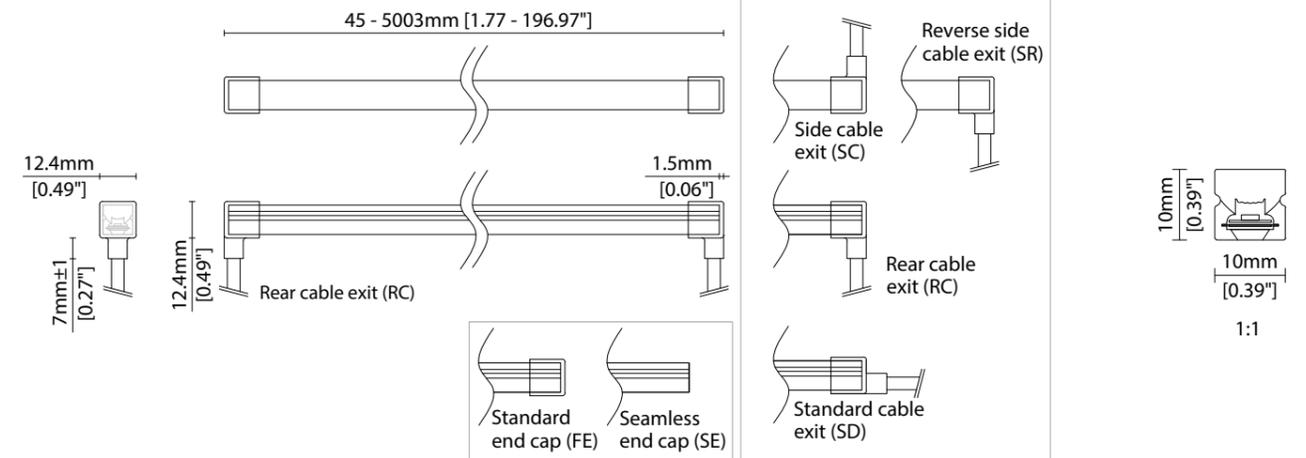


## Housing Data

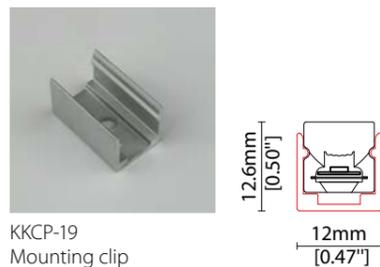
<b>Cover/Optics</b>	Diffused (130°)
<b>CCT</b>	<b>s-line:</b> 2300K/2700K/3000K/3200K/4000K <b>k-line:</b> 2300K/2700K/3000K/3200K/4000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP67
<b>Finish</b>	White Silicone
<b>Mounting</b>	Surface Mounting via concealed clip
<b>Min bend radius</b>	125mm (4.92")
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



Diffused Cover  
— C0 / C180 — C90 / C270  
cd / 1000 lm



## Mounting methods



## Detail shots



1. Rear cable exit end cap
2. 10mm flexible silicone housing
3. IP67 water resistance
4. Surface mounting clip



**Project:** Studio Frantzén at Harrods  
**Lighting Design:** Lighting Design International  
**Interior Design:** Joyn Studio  
**Architect:** Woods Hardwick  
**Photography:** Andrew Beasley/@andrewbeasleyphoto  
KKDC England

# KURV-Y

KURV-Y



View online



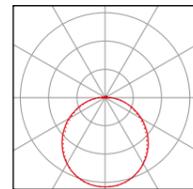
## LED Data (Based on 3000K)

	 <b>KURV-Y White</b>	 <b>KURV-Y LEDmix</b>	 <b>KURV-Y RGB</b>
<b>Diffused Cover</b>	760lm/m (232lm/ft) 41lm/W	480lm/m (146lm/ft) 31lm/W	Red: 45lm/m (14lm/ft) Green: 133lm/m (41lm/ft) Blue: 14lm/m (4lm/ft) RGB: 180lm/m (55lm/ft)
<b>Wattage</b>	18W/m (5.49W/ft)	15.6W/m (4.75W/ft)	15.6W/m (4.75W/ft)
<b>Dimension</b>	H26.2/W13/L254 - 4004mm (H1.03/W0.51/L10-157.6")	H26.2/W13/L254 - 4004mm (H1.03/W0.51/L10-157.6")	H26.2/W13/L254 - 4004mm (H1.03/W0.51/L10-157.6")
<b>PCB Cut-point</b>	62.5mm (2.46")	83.3mm (3.28")	83.3mm (3.28")
<b>LED Pitch</b>	10.4mm – 96LED/m (0.41" – 29LED/ft)	13.9mm – 144 LED/m (0.55" – 44LED/ft)	13.9mm – 72 LED/m (0.55" – 22LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 65°C)	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 68°C)	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 66°C)

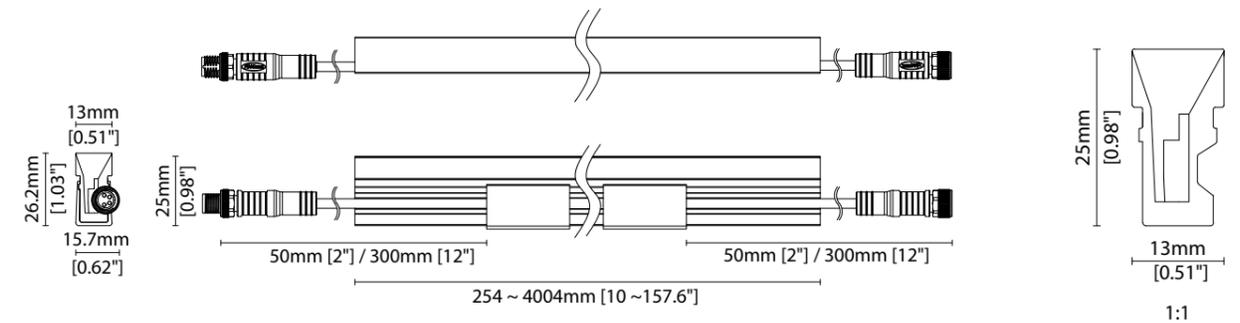


## Housing Data

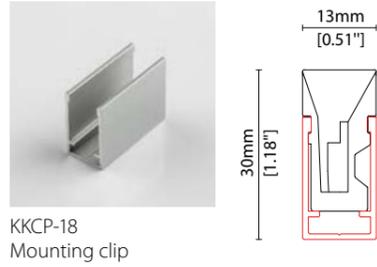
<b>Cover/Optics</b>	Diffused (120°)
<b>CCT</b>	k-line: 2300K/2700K/3000K/3200K/4000K
<b>LED binning</b>	k-line: 3-step MacAdam ellipse
<b>CRI</b>	≥90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP67
<b>Finish</b>	White
<b>Mounting</b>	Surface Mounting via concealed clip
<b>Min bend radius</b>	125mm (4.92")
<b>Power feed</b>	Male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



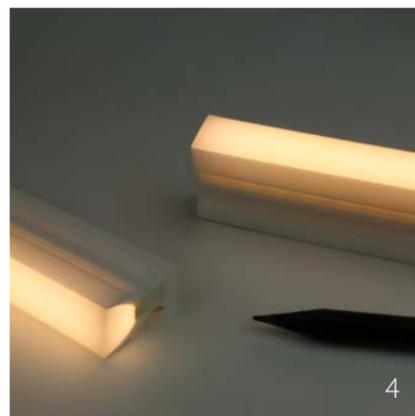
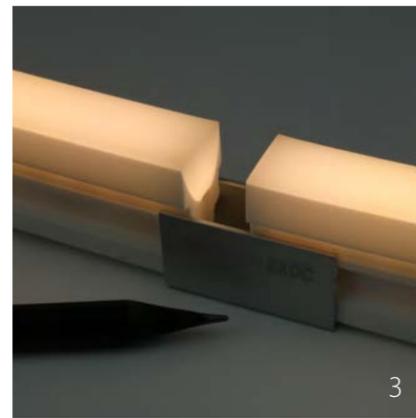
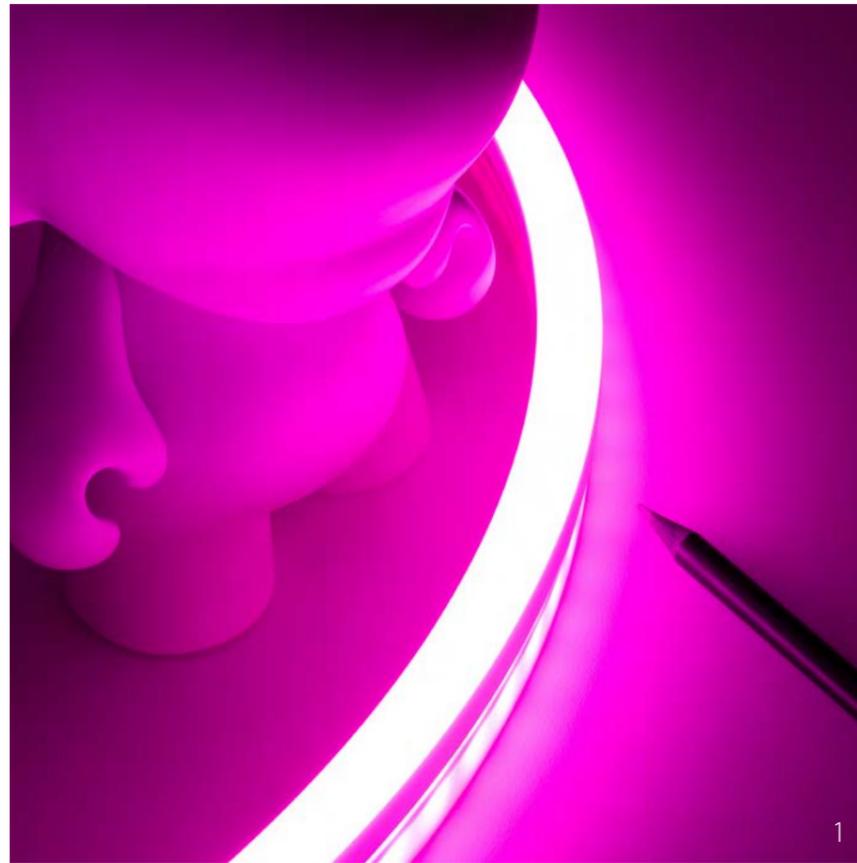
— C0 / C180    - - - C90 / C270  
cd / 1000 lm



## Mounting methods



## Detail shots



1. 13mm linear silicone flexible housing with full diffusion
2. RGB colour change
3. Secure surface mounting clip
4. Full end to end diffusion for continuous light runs



**Above**  
**Project:** INNSiDE by Melia, Bangkok Sukhumvit Hotel  
**Lighting Design:** Bo Stieber Lighting Design, Thailand  
**Photography:** Apichat Piyapaka  
 KKDC Bangkok

**Right**  
**Project:** Helsinki Outlet, Finland  
**Lighting Design:** LDC Finland  
**Image Credits:** Inspiroiva Creative/Aatu Heikkonen, in cooperation with Audico Systems Oy  
 KKDC England

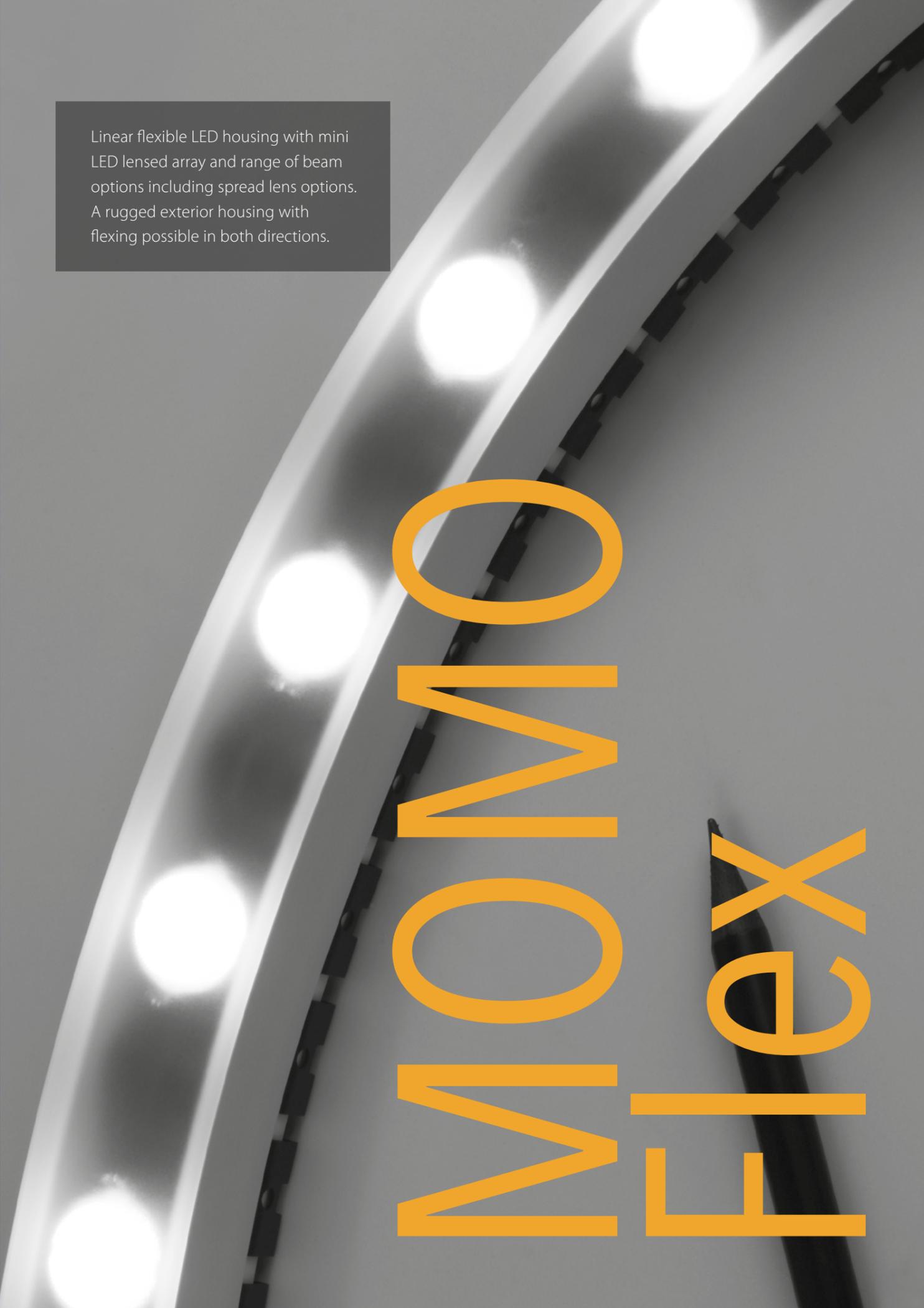


# 13. MOMO Flex Series



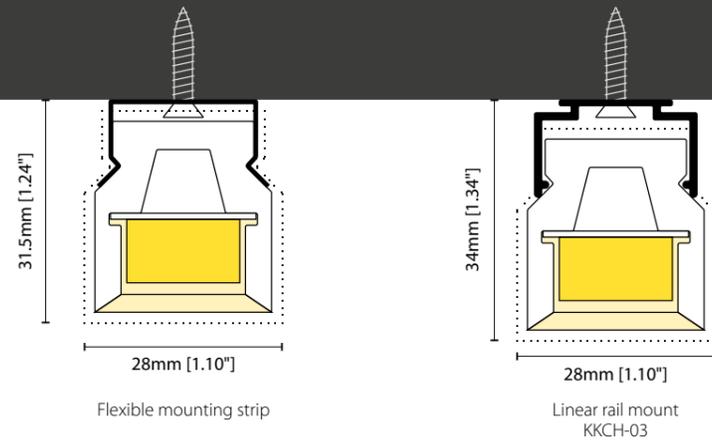
\*Profile drawings are 1:1 scale

Linear flexible LED housing with mini LED lensed array and range of beam options including spread lens options. A rugged exterior housing with flexing possible in both directions.



# MOMO Flex

## MOMO Flex



MOMO Flex		
LED	White	
W/m	18W	
IP	IP66	
Cover & Optics	25°	■
	35°	■
	20°x45°	■
	20°x55°	■

# MOMO Flex



## LED Data (Based on 3000K)

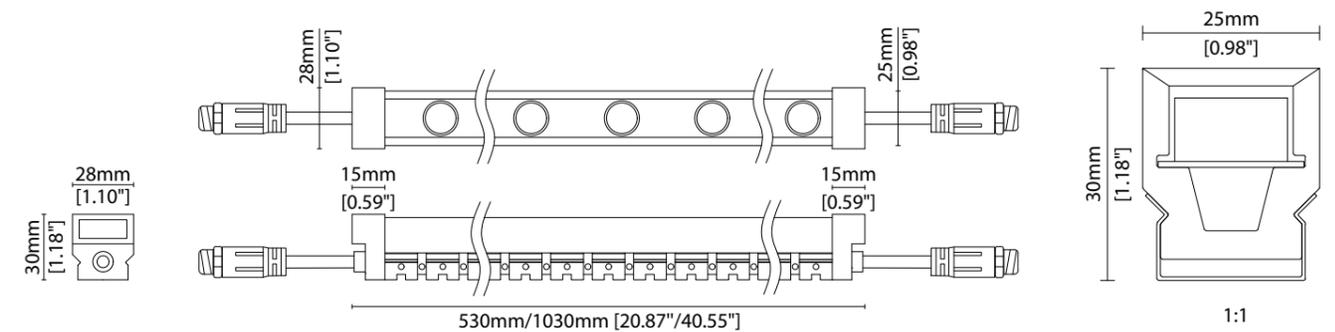
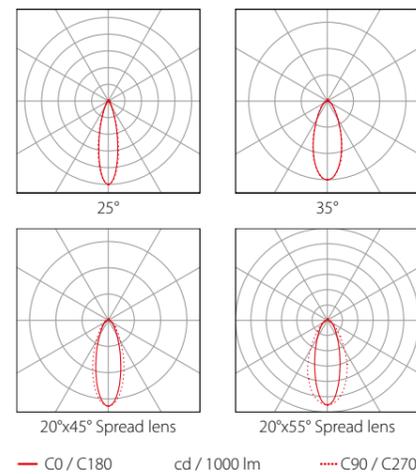


<b>25°</b>	1463lm/m (446lm/ft) 81lm/W
<b>35°</b>	1366lm/m (416lm/ft) 76lm/W
<b>20°x45° Spread lens</b>	1332lm/m (406lm/ft) 74lm/W
<b>20°x55° Spread lens</b>	1246lm/m (380lm/ft) 69lm/W
<b>Wattage</b>	18W/m (5.49W/ft)
<b>Dimension</b>	H30/W28/L530/1030mm (H1.18"/W1.10"/L20.87"/40.55")
<b>LED Pitch</b>	41.5mm – 24LED/m (1.64" – 7LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 55°C



## Housing Data

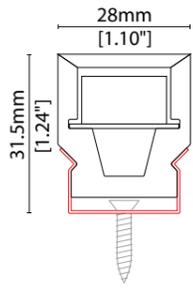
<b>Cover/Optics</b>	25°/35°/20°x45° Spread lens/20°x55° Spread lens
<b>CCT</b>	2700K/3000K/4000K/6000K
<b>LED binning</b>	3-step MacAdam ellipse
<b>CRI</b>	≥90
<b>Lifetime</b>	36,000 hours @ 25°C (36,000 hours @ 77°F)
<b>IP Rating</b>	IP66
<b>Finish</b>	White
<b>Mounting</b>	Surface Mounting via alloy linear flex-clip or fixed linear aluminium rail
<b>Min bend radius</b>	Horizontal: >400mm (>15.75")/ Vertical: >300mm (>11.18")/Twist: >500mm (>19.69")
<b>Power feed</b>	Male/female connectors
<b>Control</b>	PWM/1-10V



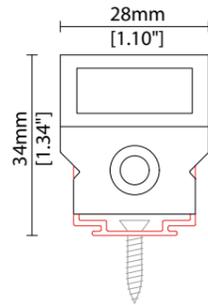
## Mounting methods



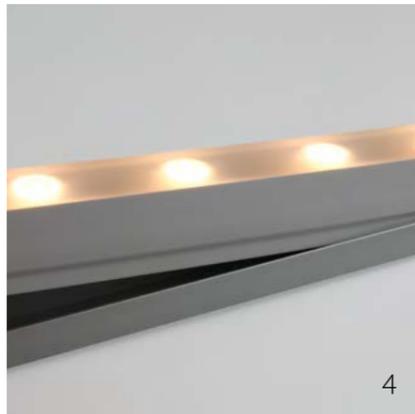
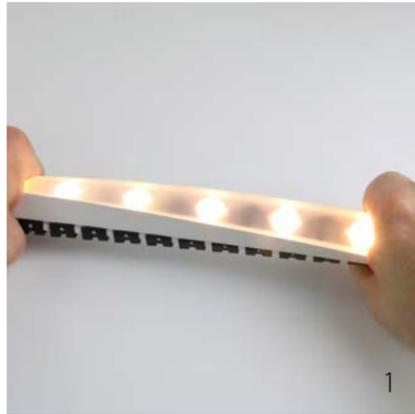
Flexible clip mounting



KKCH-03  
Linear straight channel  
mount



## Detail shots



1. Robust housing flexible in multiple directions
2. Curved, flexible lensed LED array
3. Sealed end cable exit for exterior
4. Straight linear mounting rail
5. Flexible clip mounting
6. White IP67 connectors



# 14. FX Series



FX

**314**



FX RGB

**314**



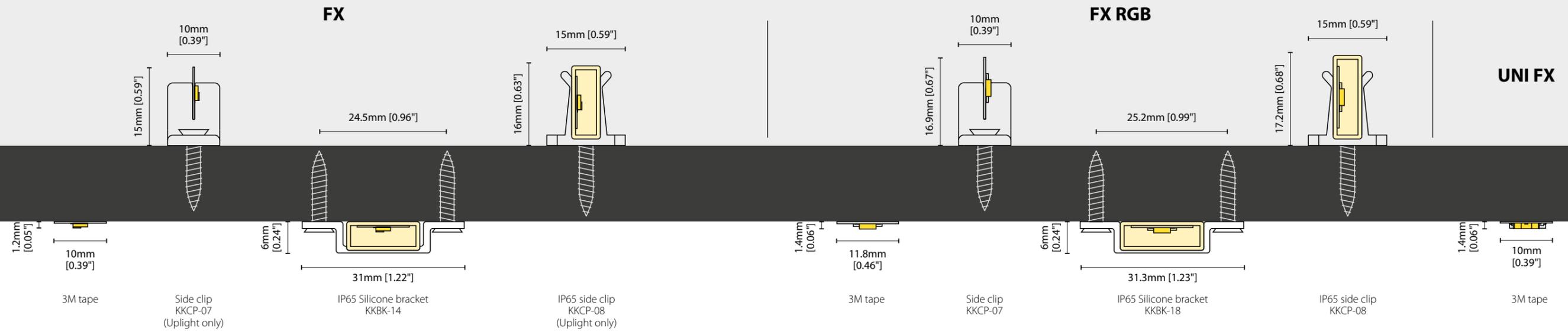
UNI FX

**318**

\*Profile drawings are 1:1 scale

Self-adhesive 'bare-bones' flexible LED strip family with wide choice of CCT for concealment into many interior architectural details and joinery applications without any requirement for any additional heat-sinking. The silicon sheathed variants are suitable for IP65 applications and the unique 'UNI-FX' PCB offers a universally bendable LED strip.





		FX				UNI FX
LED		FX07	FX14	FX18	RGB	UNI FX4
W/m		7W	14W	18W	15.6W	15W
Line						
IP	IP20	■	■	■	■	■
	IP65	■	■	■	■	■
Cover & Optics	No Cover	■	■	■	■	■
	Clear	■	■	■	■	■



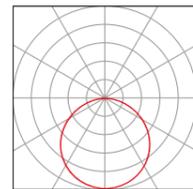
### LED Data (Based on 3000K, s-line)

	FX18	FX14	FX07	FX RGB
<b>IP20 (No Cover)</b>	1806lm/m (551lm/ft) 90lm/W	1285lm/m (392lm/ft) 92lm/W	671lm/m (204lm/ft) 96lm/W	Red: 140lm/m (43lm/ft) Green: 378lm/m (115lm/ft) Blue: 74lm/m (23lm/ft) RGB: 546lm/m (166lm/ft)
<b>IP65</b>	1726lm/m (526lm/ft) 86lm/W	1220lm/m (372lm/ft) 87lm/W	643lm/m (196lm/ft) 92lm/W	n/a
<b>Wattage</b>	18W/m (5.49W/ft)	14W/m (4.27W/ft)	7W/m (2.13W/ft)	15.6 W/m (4.75W/ft)
<b>Dimension</b>	IP20: H1.2/W10/L125-4000mm (H0.05/W0.39/L4.92-157.48") IP65: H5.5/W14/L127-4002mm (H0.22/W0.55/L5.00-157.56")	IP20: H1.2/W10/L125-4000mm (H0.05/W0.39/L4.92-157.48") IP65: H5.5/W14/L127-4002mm (H0.22/W0.55/L5.00-157.56")	IP20: H1.2/W10/L125-7000mm (H0.05/W0.39/L4.92-275.59") IP65: H5.5/W14/L127-7002mm (H0.22/W0.55/L5.00-275.67")	IP20: H1.4/W11.8/L167-2000mm (H0.06/W0.46/L6.57-78.74") IP65: H5.5/W16/L169-2002mm (H0.22/W0.63/L6.65-78.82")
<b>PCB Cut-point</b>	62.5mm (2.46")	62.5mm (2.46")	62.5mm (2.46")	83.3mm (3.28")
<b>LED Pitch</b>	10.4mm – 96LED/m (0.41" – 29LED/ft)	10.4mm – 96LED/m (0.41" – 29LED/ft)	10.4mm – 96LED/m (0.41" – 29LED/ft)	13.9mm – 72LED/m (0.55" – 22LED/ft)
<b>Operating Temp</b>	IP20: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 67°C) IP65: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 67°C)	IP20: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 62°C) IP65: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 62°C)	IP20: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 57°C) IP65: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 57°C)	IP20: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 78°C) IP65: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 78°C)



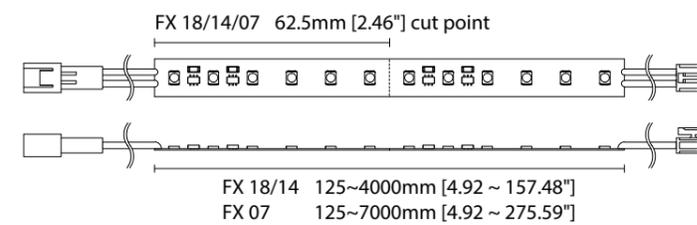
### Housing Data

<b>Cover/Optics</b>	IP20: No cover (110°), IP65: Silicone cover
<b>CCT</b>	s-line: 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber k-line: 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	s-line: 2-step MacAdam ellipse k-line: 3-step MacAdam ellipse
<b>CRI</b>	≥90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP20/65
<b>Finish</b>	Silicone Cover for IP65
<b>Mounting</b>	3M double sided tape (IP20), Surface mounting clips (IP65)
<b>Min bend radius</b>	IP20 = Ø20mm (0.79")/IP65 = Ø35mm (1.38")
<b>Power feed</b>	Hardwire tails or male/female connectors (IP20/IP65)
<b>Control</b>	0-10V/1-10V/DMX/DALI

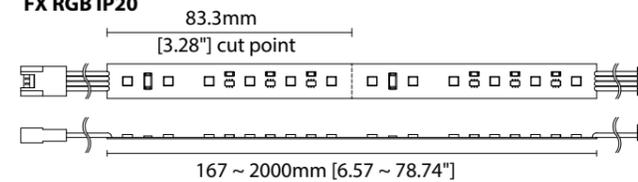


No Cover  
— C0 / C180    ..... C90 / C270  
cd / 1000 lm

### FX IP20



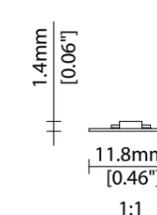
### FX RGB IP20



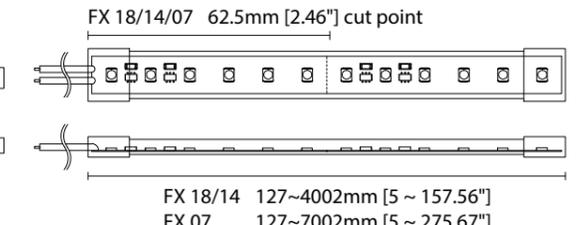
### FX IP65



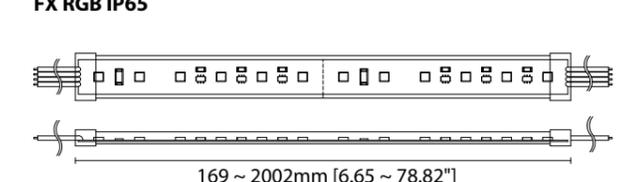
### FX RGB IP20



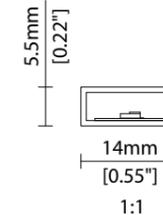
### FX IP65



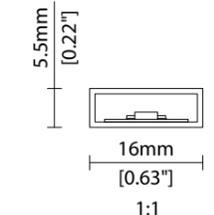
### FX RGB IP65



### FX IP65



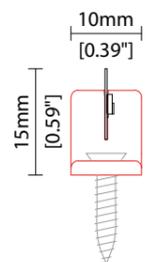
### FX RGB IP65



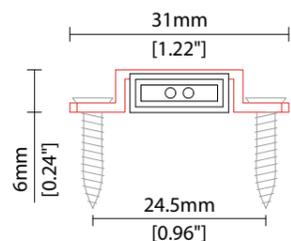
## Mounting methods



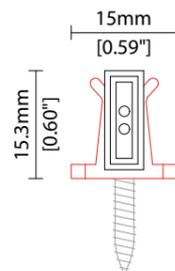
KKCP-07  
Side clip



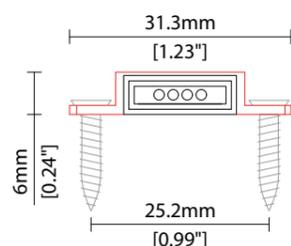
KKBK-14  
FX IP65 silicone bracket



KKCP-08  
IP65 side clip



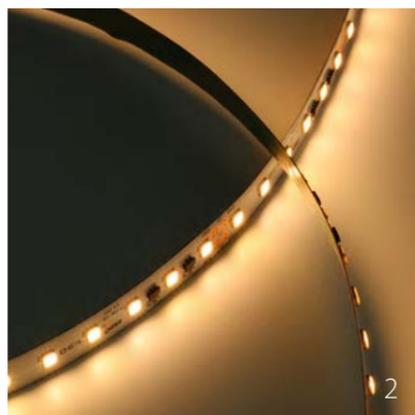
KKBK-18  
FX RGB IP65 silicone bracket



## Detail shots



1

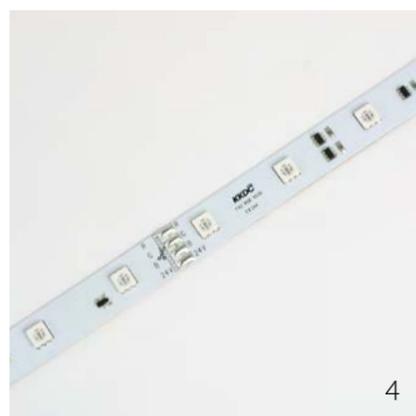


2



3

1. IP65 water resistant silicone sheath for exterior
2. Flexible close pitched LED strip (FX07/FX14/FX18)
3. Compact flexing strip with integral heat-sinking
4. FX RGB LED strip



4



**Project:** Modern Shabu House, Yeouido  
**Lighting Design:** Bitzro, KI YOUNG KO  
KKDC Korea



## LED Data (Based on 3000K)



UNI FX4

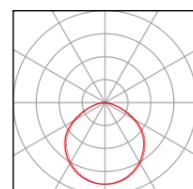


<b>No Cover</b>	1450lm/m (442lm/ft) 97lm/W
<b>Wattage</b>	15W/m (4.57W/ft)
<b>Dimension</b>	H1.4/W10/L250-3000mm (H0.05/W0.39/L9.84-118.11")
<b>PCB Cut-point</b>	125mm (4.92")
<b>LED Pitch</b>	20.8mm – 48LED/m (0.82" – 15LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 85°C)



## Housing Data

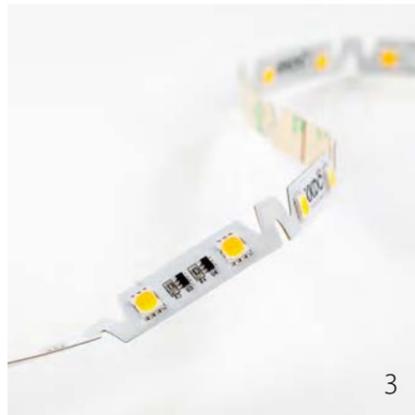
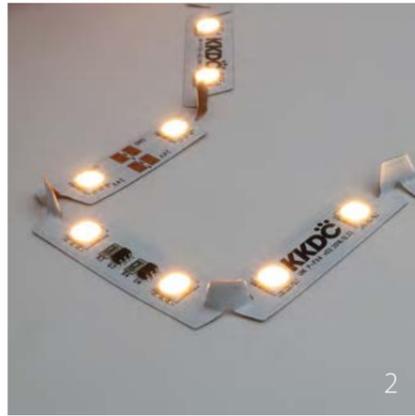
<b>Cover/Optics</b>	No cover (120°)
<b>CCT</b>	s-line: 2100K/2300K/2500K/2700K/3000K/3200K/3500K/ 4000K/5000K
<b>LED binning</b>	s-line: 2-step MacAdam ellipse
<b>CRI</b>	≥90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP20
<b>Finish</b>	N/A
<b>Mounting</b>	3M double sided tape
<b>Min bend radius</b>	20mm (0.79") Ø
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



No Cover  
— C0 / C180    - - - C90 / C270  
cd / 1000 lm



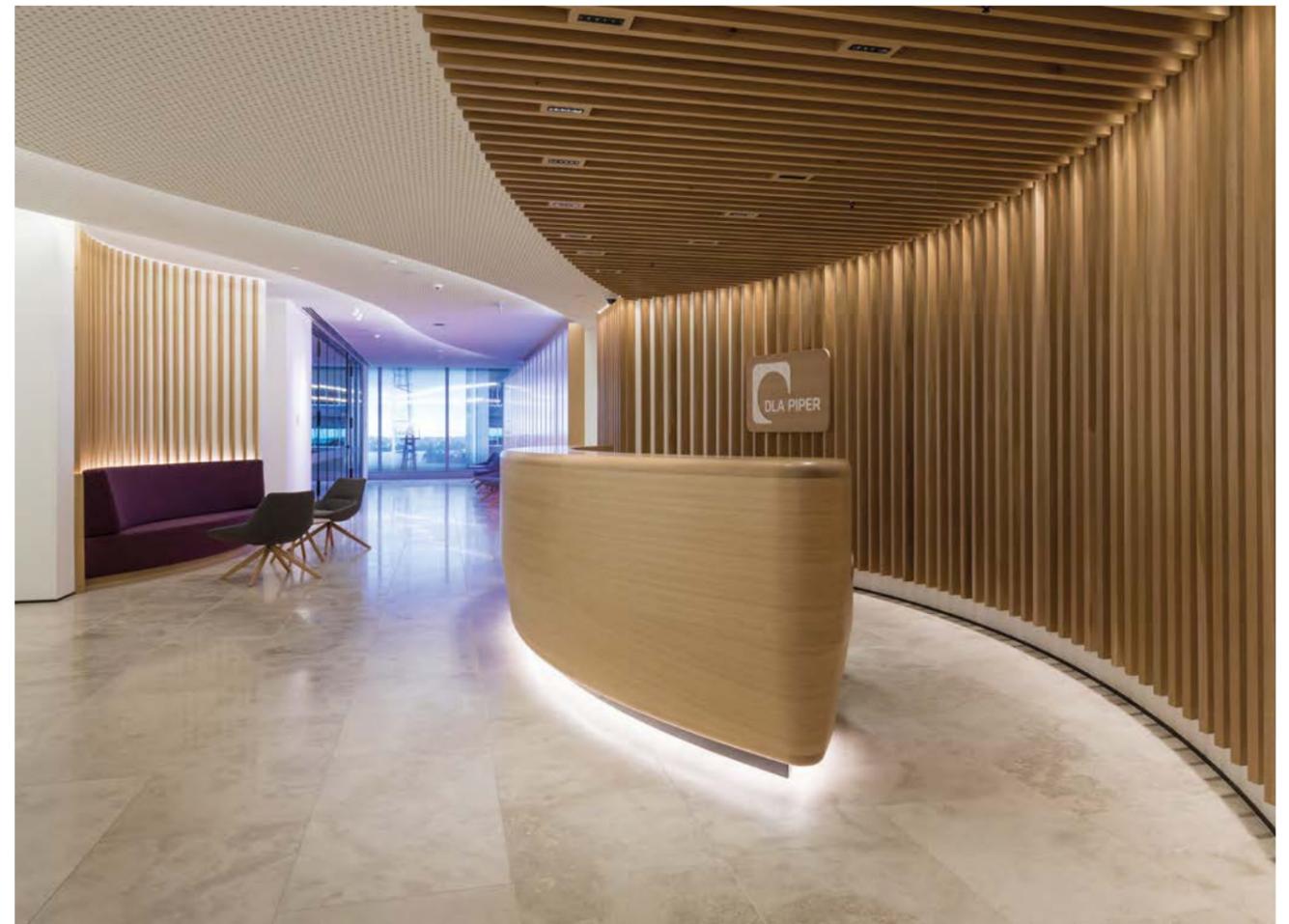
**Detail shots**



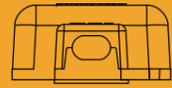
- 1. Mounting via strong self-adhesive 3M tape backing
- 2. Universally directional LED strip with built in heat-sinking
- 3. Fully flexible LED modules with on-board IC drives
- 4. Linear alignment for coving details



**Above and Right**  
**Project:** DLA Piper, Commercial Bay Auckland  
**Lighting Design:** Beca  
**Architect:** Jasmox  
**Photography:** Mark Scowan, Intense Photography



## 15. LUNA Series



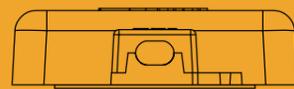
DUO Luna

**326**



DUO Luna RGB

**326**



QUADRO Luna  
QUADRO Luna RGB

**330**

\*Profile drawings are 1:1 scale

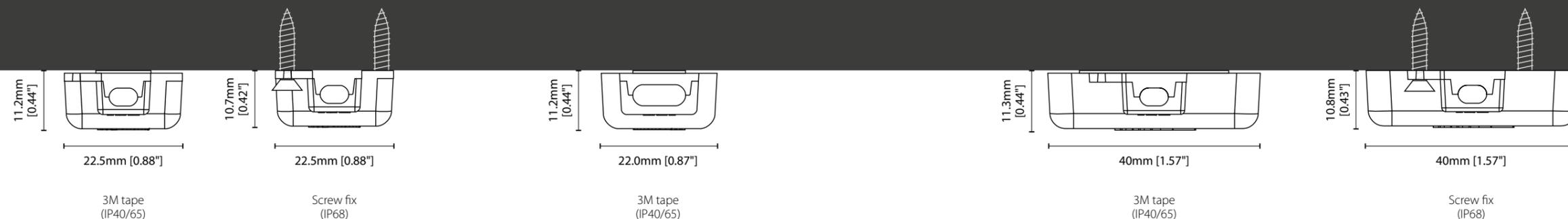
Linear LED module arrays that provide a versatile and cost effective flexible lighting solution suitable for large covering details or backlighting applications. IP40, IP65 or IP68 2/4 LED modules available with choice of spacing pitch. IP40, IP65 or IP68 housings with self-adhesive backing and screw mount points.

# LUNA

## DUO Luna

## DUO Luna RGB

## QUADRO Luna / QUADRO Luna RGB



	DUO Luna		QUADRO Luna	
LED	White	RGB	White	RGB
W/m (13mods)	7W	7.8W	14W	14W
Line				
IP	IP40	■	■	■
	IP65	■	■	■
	IP68	■	■	■
Cover & Optics	Clear	Clear	Clear	Clear

# DUO Luna

DUO Luna

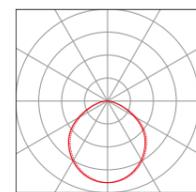


View online



## Housing Data

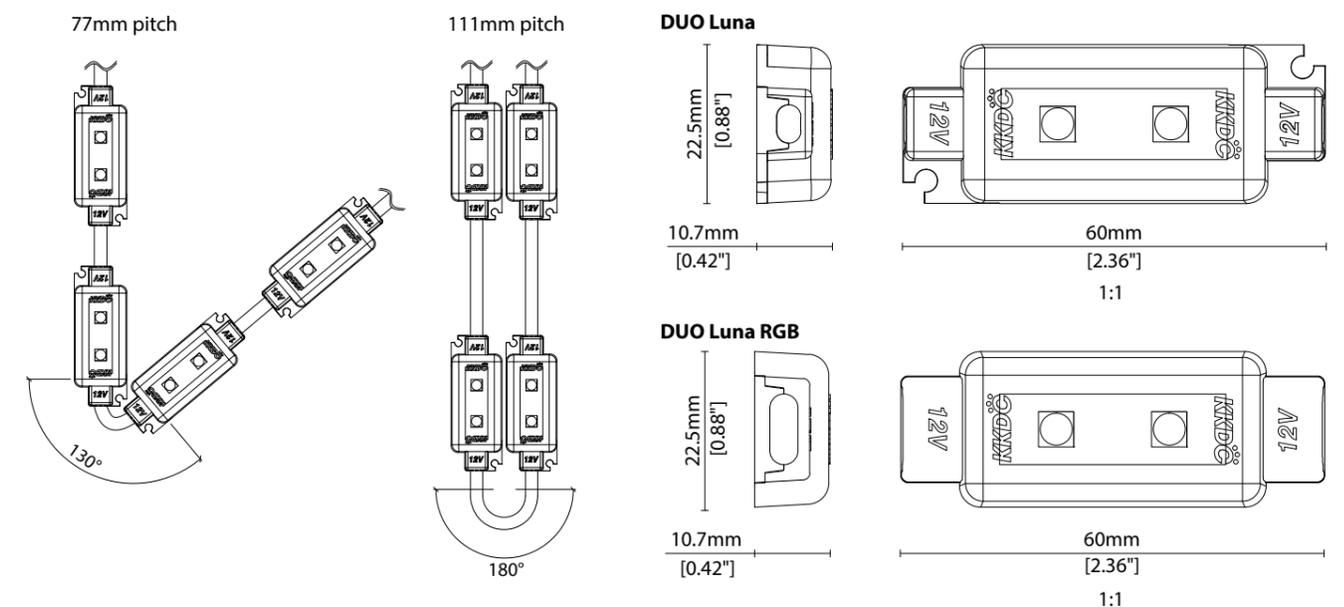
<b>Cover/Optics</b>	Clear (105°)
<b>CCT</b>	s-line : 2100K/2300K/2500K/2700K/3000K/3200K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber
<b>LED binning</b>	s-line : 2-step MacAdam ellipse
<b>CRI</b>	≥90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40/IP65/IP68
<b>Finish</b>	Polycarbonate
<b>Mounting</b>	3M adhesive tape (IP40/65), Screw fixing (IP68)
<b>Power feed</b>	Sheathed hardwire single/double ended sheathed tail
<b>Control</b>	0-10V/1-10V/DMX/DALI



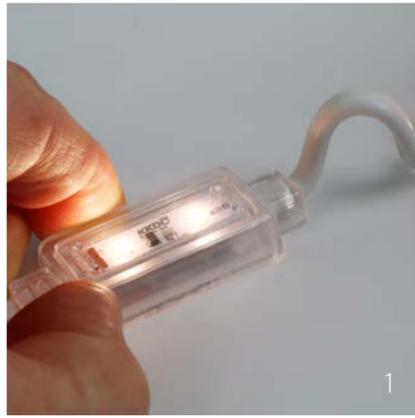
Clear Cover  
— C0 / C180    ····· C90 / C270  
cd / 1000 lm

## LED Data (Based on 3000K)

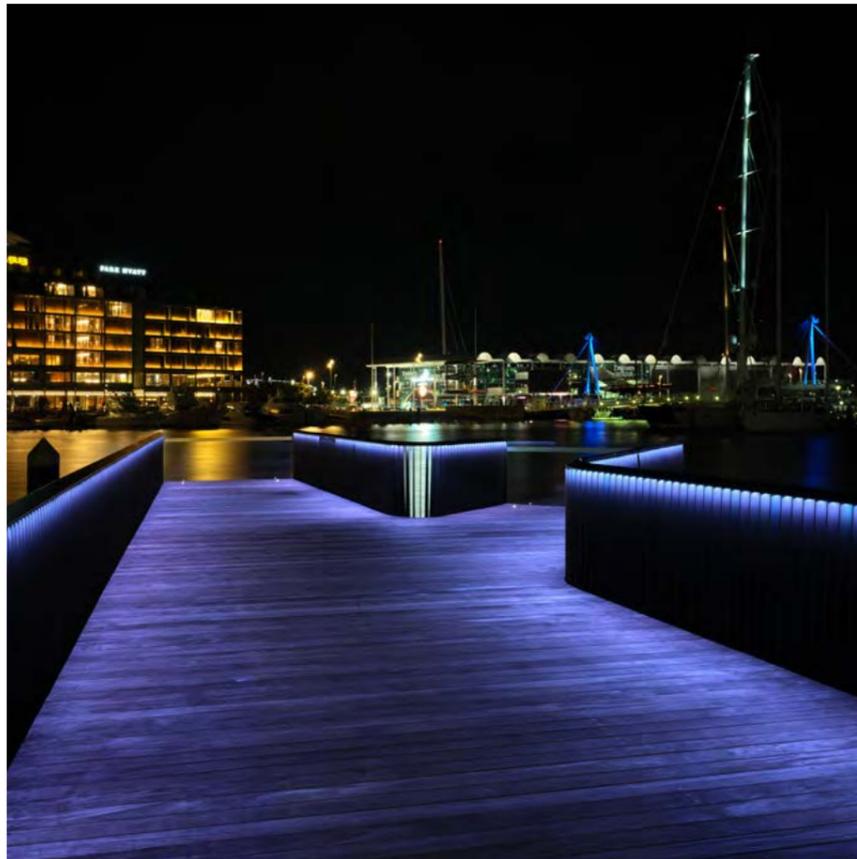
	DUO Luna	DUO Luna RGB
		
<b>Clear Cover (13 modules)</b>	460lm/m (140lm/ft) 65lm/W	Red: 41lm/m (12lm/ft) Green: 117lm/m (36lm/ft) Blue: 17lm/m (5lm/ft) RGB: 163lm/m (50lm/ft)
<b>Clear Cover (9 modules)</b>	320lm/m (98lm/ft) 65lm/W	Red: 26lm/m (8lm/ft) Green: 75lm/m (23lm/ft) Blue: 11lm/m (3lm/ft) RGB: 106lm/m (32lm/ft)
<b>Wattage</b>	13 mods: 7W/m (2.13W/ft) 9 mods: 4.9W/m (1.49W/ft)	13 mods: 7.8W/m (2.38W/ft) 9 mods: 5.4W/m (1.65W/ft)
<b>Dimension</b>	H10.7/W22.5/L60mm (H0.42/W0.88/L2.36") (9/13 modules per metre)	H10.7/W22.5/L60mm (H0.42/W0.88/L2.36") (9/13 modules per metre)
<b>PCB Cut-point</b>	111/77mm (4.37/3.03")	111/77mm (4.37/3.03")
<b>Module Pitch</b>	111mm (9 modules) 77mm (13 modules)	111mm (9 modules) 77mm (13 modules)
<b>Operating Temp</b>	IP40: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 65°C) IP65: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 65°C) IP68: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 65°C)	IP20: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 65°C) IP65: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 65°C) IP68: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 65°C)



## Detail shots



1. Dual LED modules with flexible cable
2. IP40 with self adhesive backing
3. IP68 potted housing



### Above

**Project:** Canada St Bridge, NZ  
**Architect:** Monk Mackenzie / Novare Design  
**Lighting Design:** Speirs Major  
**Photography:** GHD New Zealand  
KKDC New Zealand

### Left

**Project:** Te Mata Topaki  
**Lighting Design:** Switch Lighting Design  
**Architect:** LandLAB  
**Photography:** Sam Hartnett  
KKDC New Zealand

# QUADRO Luna

QUADRO  
Luna

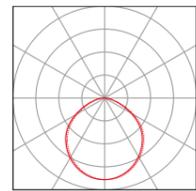


View online



## Housing Data

<b>Cover/Optics</b>	Clear (110°)
<b>CCT</b>	s-line: 2100K/2300K/2500K/2700K/3000K/3200K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber
<b>LED binning</b>	s-line: 2-step MacAdam ellipse
<b>CRI</b>	≥90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40/IP65/IP68
<b>Finish</b>	Polycarbonate
<b>Mounting</b>	3M adhesive tape (IP40/65), Screw fixing (IP68)
<b>Power feed</b>	Hardwire single/double ended sheathed tail
<b>Control</b>	0-10V/1-10V/DMX/DALI



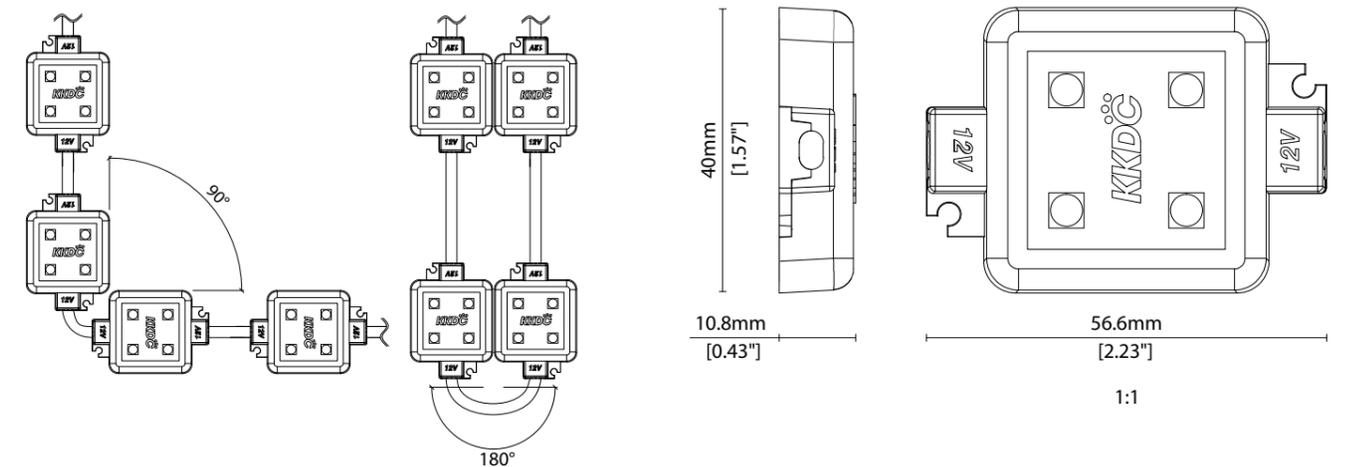
Clear Cover  
— C0 / C180    - - - C90 / C270  
cd / 1000 lm

## LED Data (Based on 3000K)

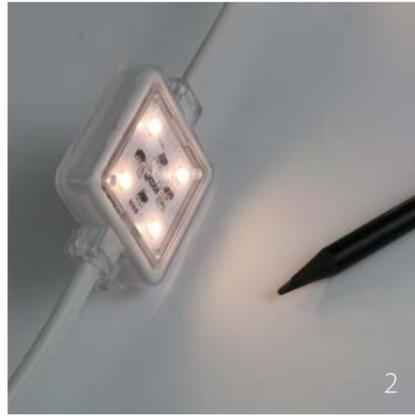
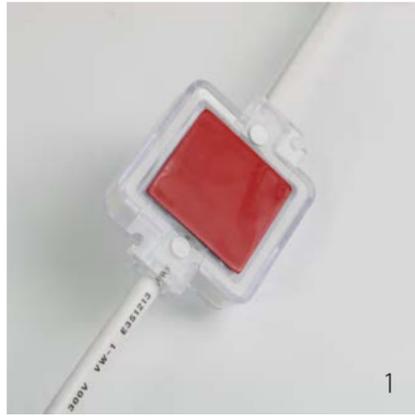
	QUADRO Luna	QUADRO Luna RGB
<b>Clear Cover (13 modules)</b>	910lm/m (277lm/ft) 65lm/W	Red: 85lm/m (26lm/ft) Green: 225lm/m (69lm/ft) Blue: 36lm/m (11lm/ft) RGB: 322lm/m (98lm/ft)
<b>Clear Cover (9 modules)</b>	640lm/m (195lm/ft) 65lm/W	Red: 63lm/m (19lm/ft) Green: 142lm/m (43lm/ft) Blue: 25lm/m (8lm/ft) RGB: 213lm/m (65lm/ft)
<b>Wattage</b>	13 mods: 14W/m (4.27W/ft) 9 mods: 9.7W/m (2.96W/ft)	13 mods: 14W/m (4.27W/ft) 9 mods: 9.7W/m (2.96W/ft)
<b>Dimension</b>	H10.8/W40/L56.6mm (H0.43/W1.57/L2.23") (9/13 modules per metre)	H10.8/W40/L56.6mm (H0.43/W1.57/L2.23") (9/13 modules per metre)
<b>PCB Cut-point</b>	111/77mm (4.37/3.03")	111/77mm (4.37/3.03")
<b>Module Pitch</b>	111mm (9 modules) 77mm (13 modules)	111mm (9 modules) 77mm (13 modules)
<b>Operating Temp</b>	IP40: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 68°C) IP65: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 68°C) IP68: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 68°C)	IP20: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 68°C) IP65: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 68°C) IP68: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 68°C)

77mm pitch

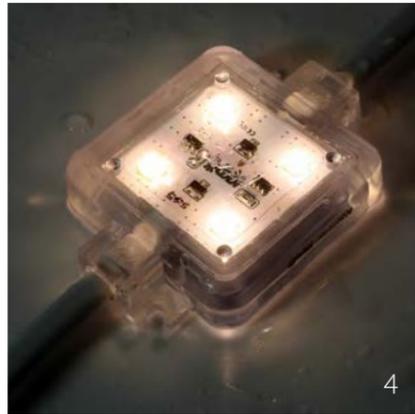
111mm pitch



Detail shots



- 1. IP40/65 self adhesive backing
- 2. IP65 QUADRO Luna housing
- 3. 111mm pitched IP40 housing
- 4. IP68 waterproof housing

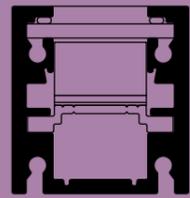


**Project:** Silo Park Playground, New Zealand  
**Lighting Design:** Switch Lighting Design  
**Architect:** LandLAB  
**Photography:** Sam Hartnett  
KKDC New Zealand

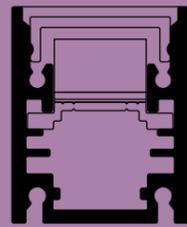
16. MOMO Power  
17. SEN

# POWER

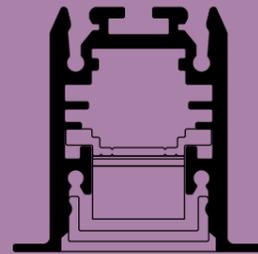
# 16. MOMO Power Series



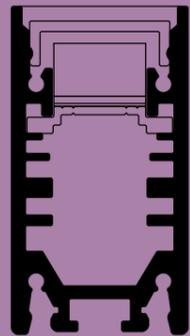
MOMO Power **340**



MOMO-L Power **344**



MOMO-R Power **348**



MOMO-F Power

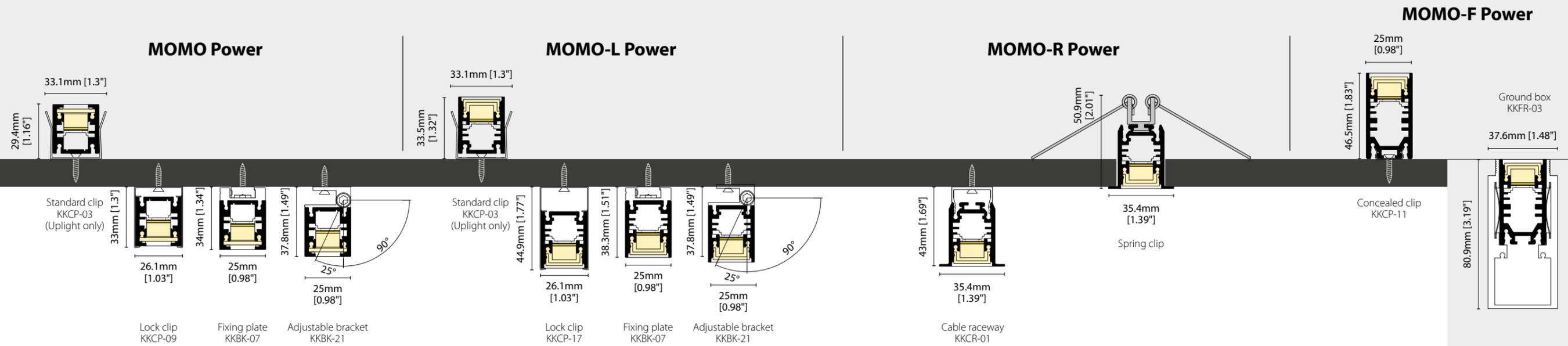
**352**

\*Profile drawings are 1:1 scale

Compact and robust exterior linear housing family with IP44 or IP67 variants using mini 'high power' lensed LED type for exterior light beam projection suitable for building façades and wall grazing. Choice of fixed or adjustable surface mount bracket options available with recessed or inground variants.

# MOMO Power

# MOMO Power



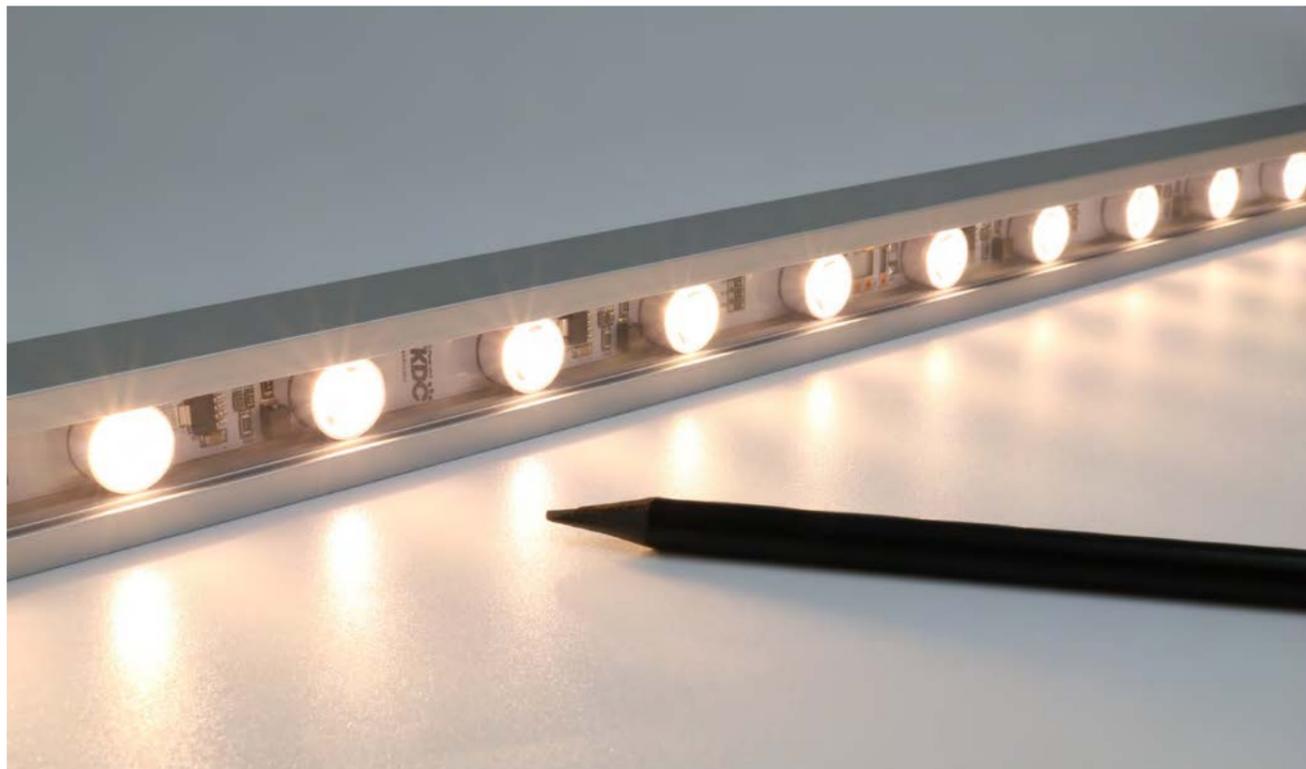
	MOMO Power	MOMO-L Power	MOMO-R Power	MOMO-F Power
LED	P030	P030	P030	P030
W/m	30W	30W	30W	30W
Line	h-	h-	h-	h-
IP	IP44	■	■	■
	IP67	■	■	■
Cover & Optics	No Lens	■	■	■
	Clear	■	■	■
	Micro Louvre		■	■
	Honeycomb Louvre		■	■
	Spreader lens	■	■	■
	12°	■	■	■
25°	■	■	■	
60°	■	■	■	

# MOMO Power

MOMO Power

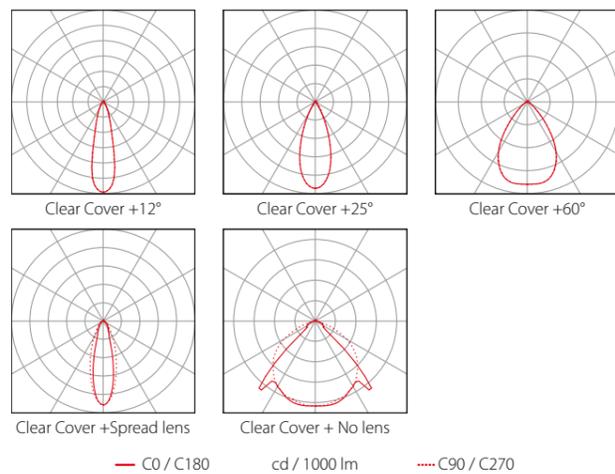


View online



## Housing Data

<b>Cover/Optics</b>	Clear/12°/25°/60°/Spread lens/No lens
<b>CCT</b>	<b>h-line:</b> 2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>h-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥96
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP44/67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via clips or brackets
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI

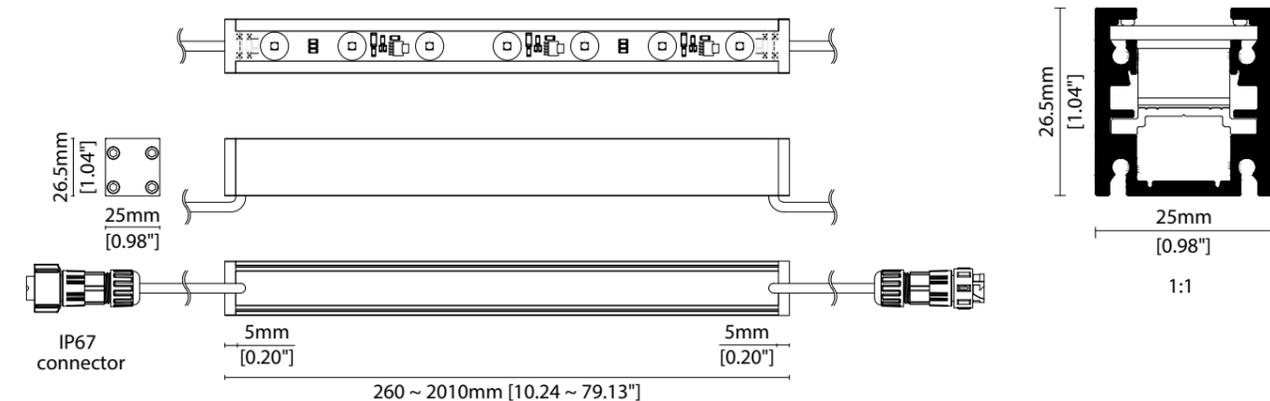


## LED Data (Based on 3000K)



MOMO Power P030

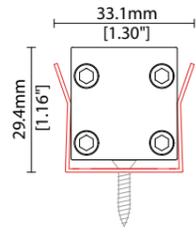
<b>Clear Cover + 12°</b>	2880lm/m (878lm/ft) 96lm/W
<b>Clear Cover + 25°</b>	2730lm/m (832lm/ft) 91lm/W
<b>Clear Cover + 60°</b>	2610lm/m (796lm/ft) 87lm/W
<b>Clear Cover + Spread</b>	2160lm/m (659lm/ft) 72lm/W
<b>Clear Cover + No lens</b>	2010lm/m (613lm/ft) 67lm/W
<b>Wattage</b>	30W/m (9.14W/ft)
<b>Dimension</b>	H26.5/W25/L260-2010mm (H1.04/W0.98/L10.24-79.13")
<b>PCB Cut-point</b>	250mm (9.84")
<b>LED Pitch</b>	35.7mm – 28LED/m (1.40" – 8LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 80°C)



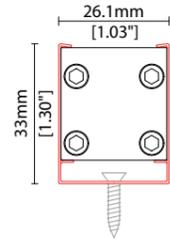
## Mounting methods



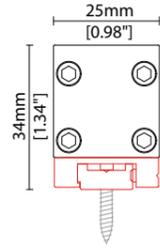
KKCP-03  
Clip



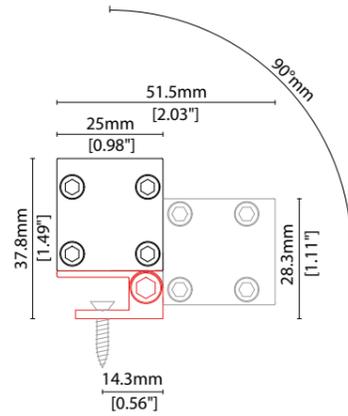
KKCP-09  
Lock clip



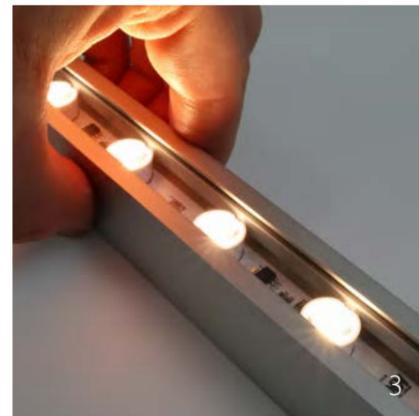
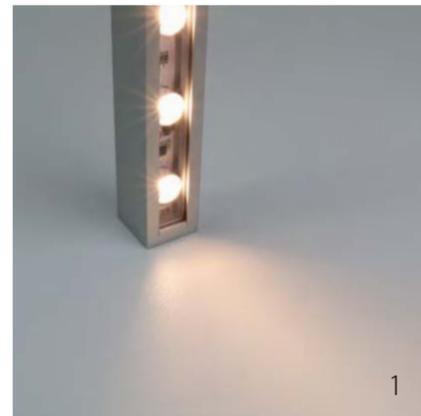
KKBK-07  
Fixing plate



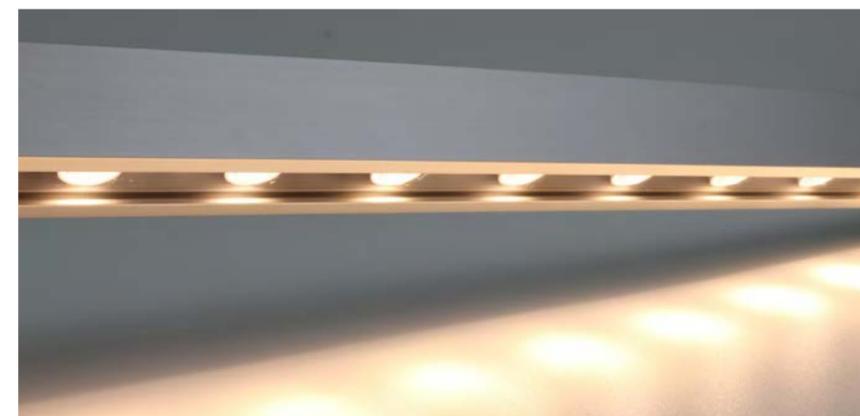
KKBK-21  
Adjustable bracket



## Detail shots



1. Range of lens optics available
2. Anodised aluminium housing suitable for exterior
3. Compact housing with powerful output
4. CNC Machined aluminium end cap and sheathed rear cable exit

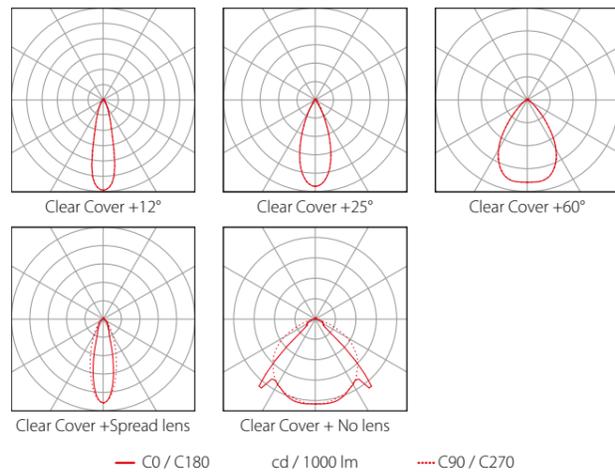


# MOMO-L Power



## Housing Data

<b>Cover/Optics</b>	Clear/12°/25°/60°/Spread lens/No lens/Micro louvre/Honeycomb louvre
<b>CCT</b>	<b>h-line:</b> 2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>h-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥95
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP44/67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via clips or brackets
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI

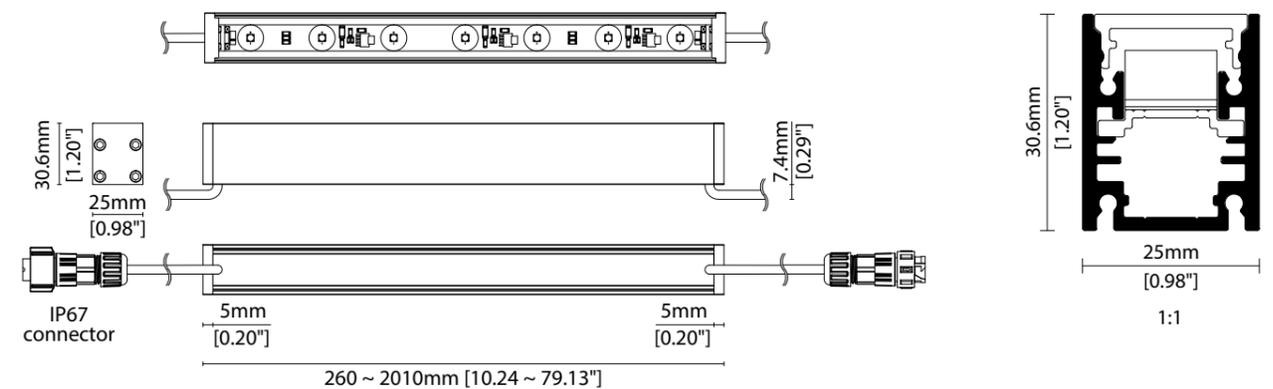


## LED Data (Based on 3000K)



MOMO-L Power P030

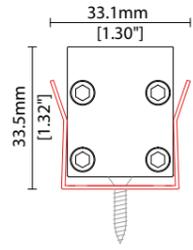
<b>Clear Cover + 12°</b>	2850lm/m (869lm/ft) 95lm/W
<b>Clear Cover + 25°</b>	2760lm/m (841lm/ft) 92lm/W
<b>Clear Cover + 60°</b>	2730lm/m (832lm/ft) 91lm/W
<b>Clear Cover + Spread</b>	2400lm/m (731lm/ft) 80lm/W
<b>Clear Cover + No lens</b>	2490lm/m (759lm/ft) 83lm/W
<b>Clear Cover + Micro Louvre</b>	-60% Output when combined with cover and lens options
<b>Clear Cover + Honeycomb louvre</b>	-40% Output when combined with cover and lens options
<b>Wattage</b>	30W/m (9.14W/ft)
<b>Dimension</b>	H30.6/W25/L260-2010mm (H1.20/W0.98/L10.24-79.13")
<b>PCB Cut-point</b>	250mm (9.84")
<b>LED Pitch</b>	35.7mm - 28LED/m (1.40" - 8LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 71.4°C)



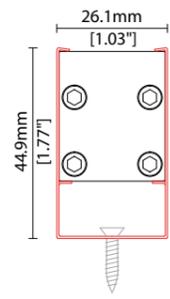
## Mounting methods



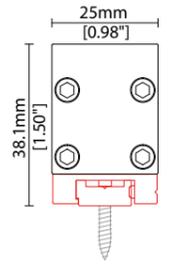
KKCP-03  
Clip



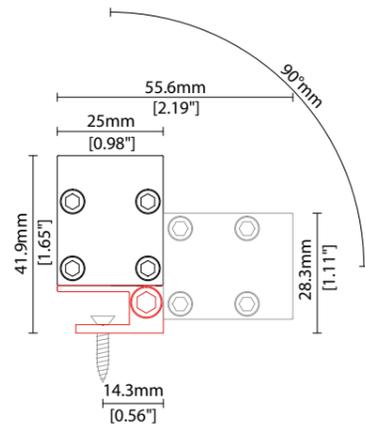
KKCP-17  
Lock clip



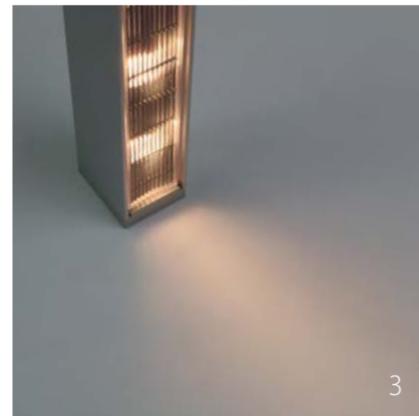
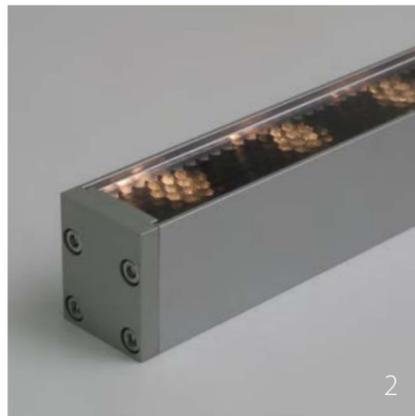
KKBK-07  
Fixing plate



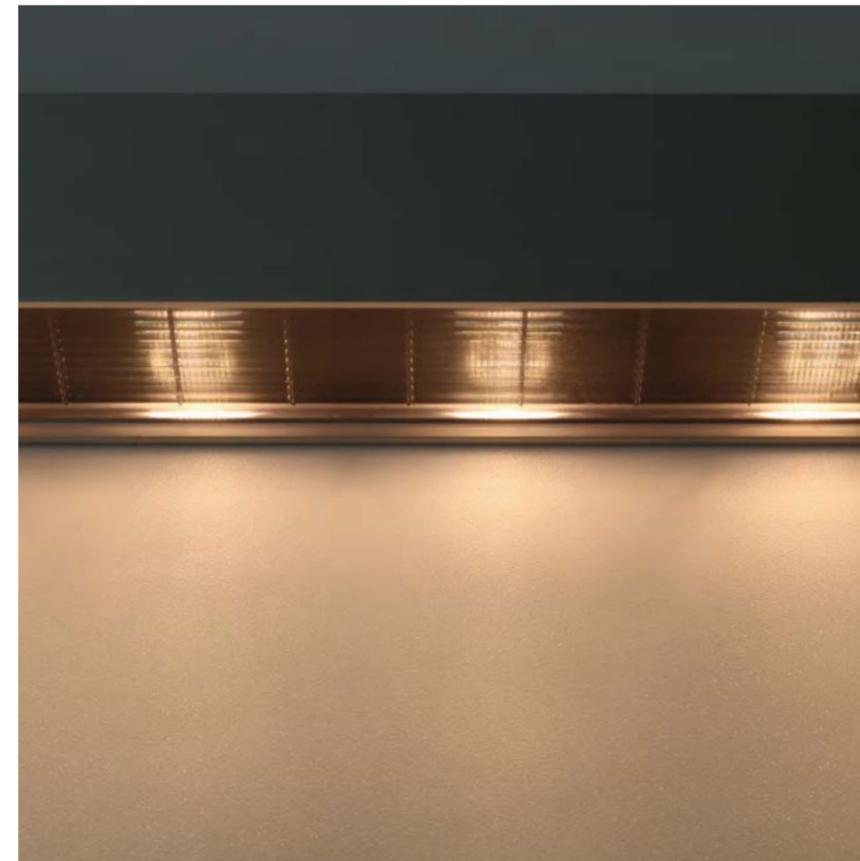
KKBK-21  
Adjustable bracket



## Detail shots



1. Clear cover and P030 mini power lensed LED
2. Honeycomb anti-glare option
3. Micro louvre low glare output
4. Push fit clear cover
5. Micro louvre inside clear cover

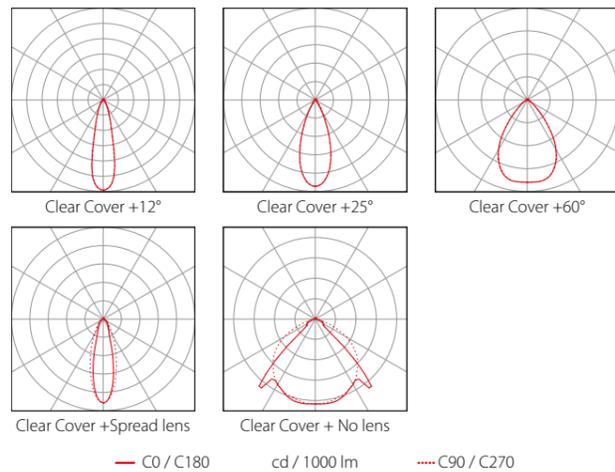


# MOMO-R Power



## Housing Data

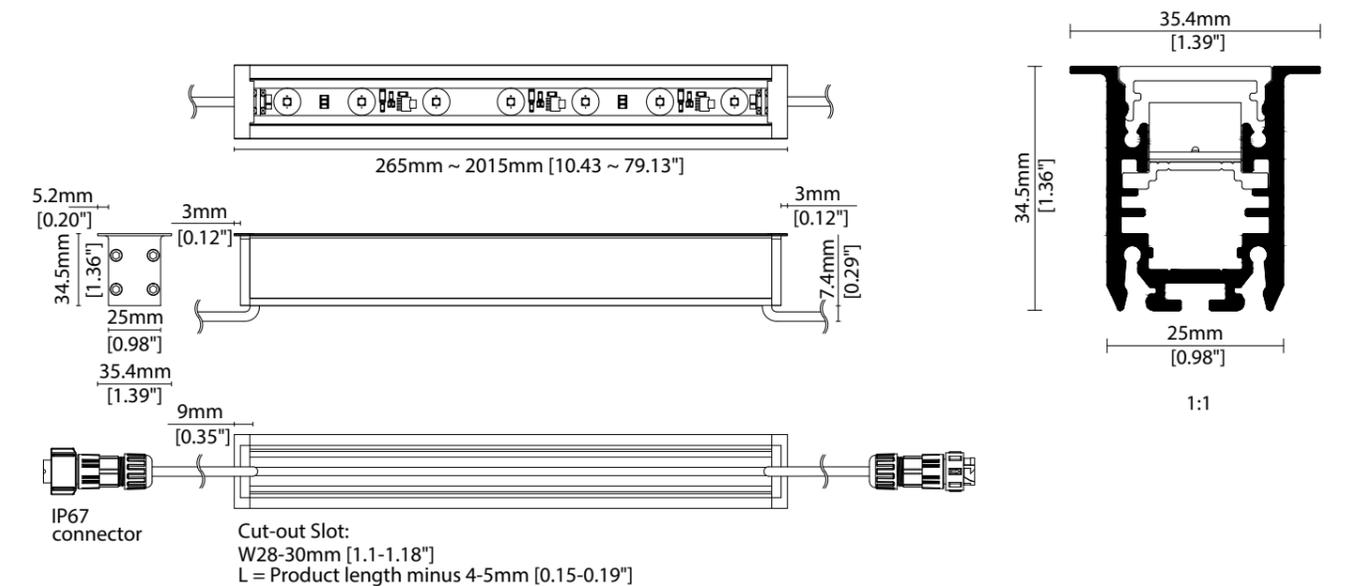
<b>Cover/Optics</b>	Clear/12°/25°/60°/Spread lens/No lens/Micro louvre/Honeycomb louvre
<b>CCT</b>	<b>h-line:</b> 2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>h-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥95
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP44/67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Recessed mounting via spring clip
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



## LED Data (Based on 3000K)



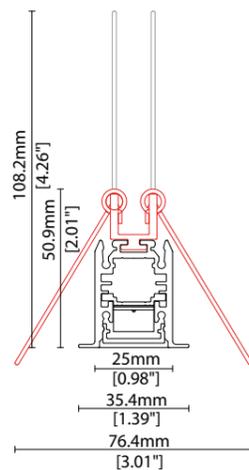
<b>Clear Cover + 12°</b>	2850lm/m (869lm/ft) 95lm/W
<b>Clear Cover + 25°</b>	2760lm/m (841lm/ft) 92lm/W
<b>Clear Cover + 60°</b>	2730lm/m (832lm/ft) 91lm/W
<b>Clear Cover + Spread</b>	2400lm/m (731lm/ft) 80lm/W
<b>Clear Cover + No lens</b>	2490lm/m (759lm/ft) 83lm/W
<b>Clear Cover + Micro Louvre</b>	-60% Output when combined with cover and lens options
<b>Clear Cover + Honeycomb louvre</b>	-40% Output when combined with cover and lens options
<b>Wattage</b>	30W/m (9.14W/ft)
<b>Dimension</b>	H34.5/W35.4/L265-2015mm (H1.36/W1.39/L10.43-79.13")
<b>PCB Cut-point</b>	250mm (9.84")
<b>LED Pitch</b>	35.7mm – 28LED/m (1.40" – 8LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 76.4°C)



## Mounting methods



KKSB-01  
Spring bracket



## Detail shots



1



2

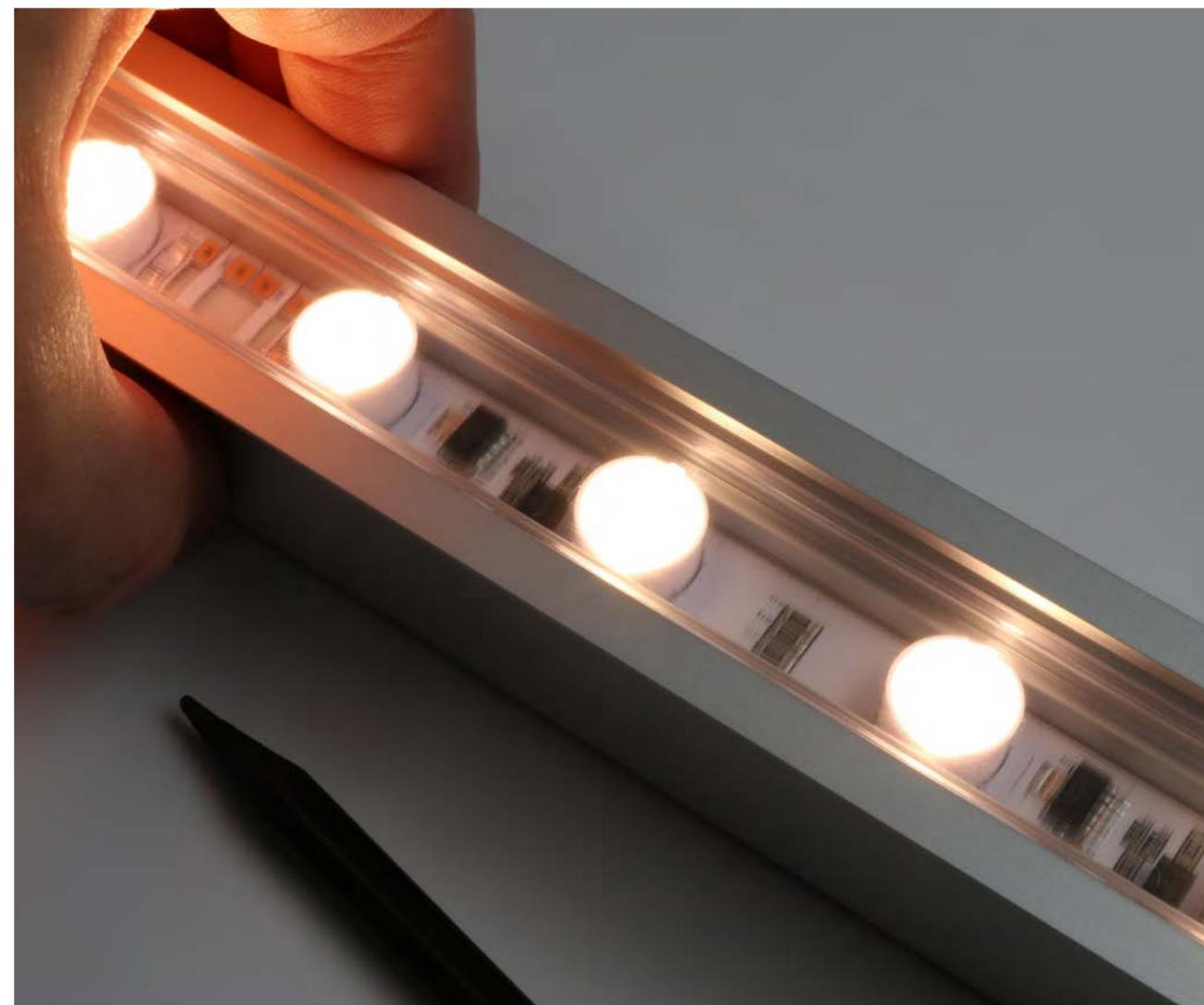


3

1. Micro louvre under clear cover
2. Honeycomb louvre option
3. Mini power LED with 25° lens
4. Anodised aluminium housing and CNC machined end cap



4

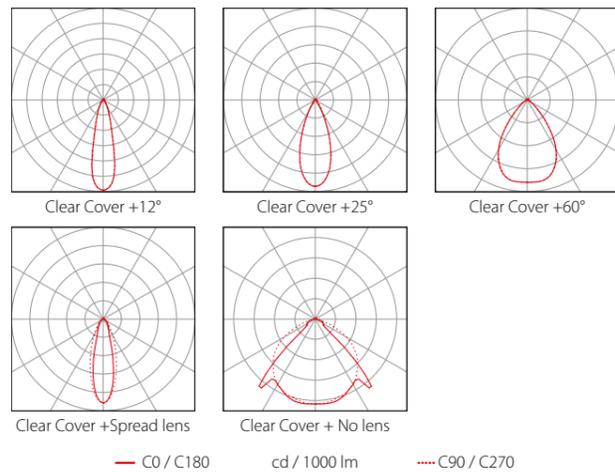


# MOMO-F Power



## Housing Data

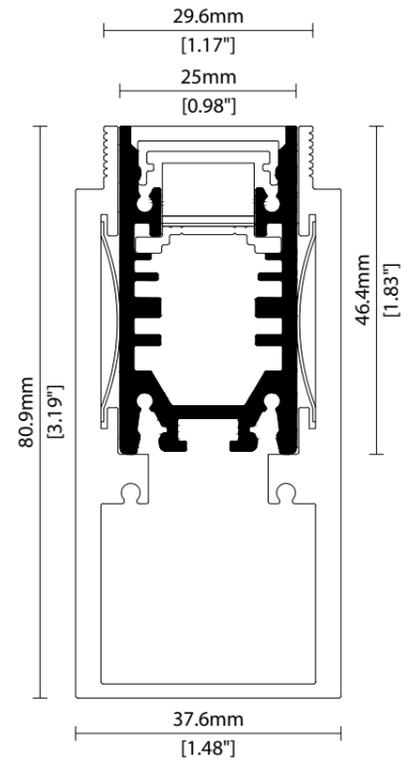
<b>Cover/Optics</b>	Clear/12°/25°/60°/Spread lens/No lens/Micro louvre/Honeycomb louvre
<b>CCT</b>	<b>h-line:</b> 2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>h-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥95
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Ground recessed or surface mounted with concealed clips
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



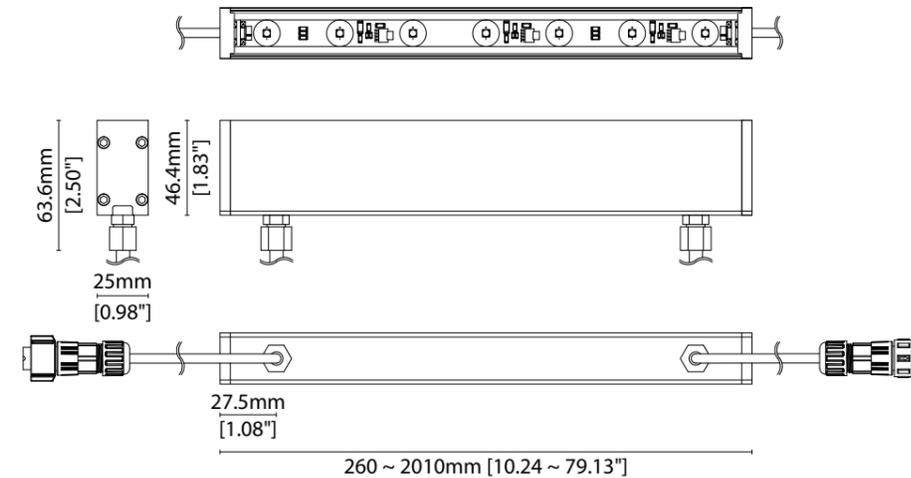
## LED Data (Based on 3000K)



<b>Clear Cover + 12°</b>	2850lm/m (869lm/ft) 95lm/W
<b>Clear Cover + 25°</b>	2760lm/m (841lm/ft) 92lm/W
<b>Clear Cover + 60°</b>	2730lm/m (832lm/ft) 91lm/W
<b>Clear Cover + Spread</b>	2400lm/m (731lm/ft) 80lm/W
<b>Clear Cover + No lens</b>	2490lm/m (759lm/ft) 83lm/W
<b>Clear Cover + Micro Louvre</b>	-60% Output when combined with Cover and Lens options
<b>Clear Cover + Honeycomb louvre</b>	-40% Output when combined with Cover and Lens options
<b>Wattage</b>	30W/m (9.14W/ft)
<b>Dimension</b>	H46.4/W25/L260-2010mm (H1.83/W0.98/L10.24-79.13")
<b>PCB Cut-point</b>	250mm (9.84")
<b>LED Pitch</b>	35.7mm - 28LED/m (1.40" - 8LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 76.4°C)



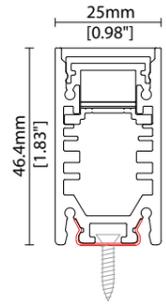
1:1



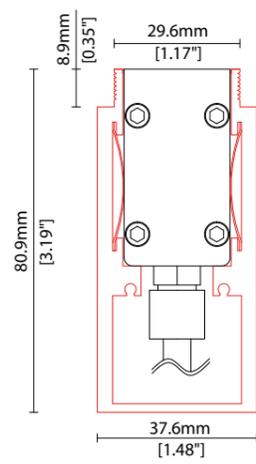
## Mounting methods



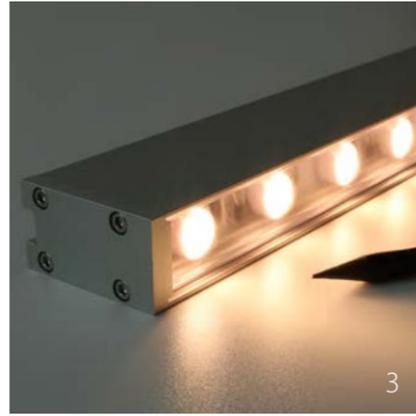
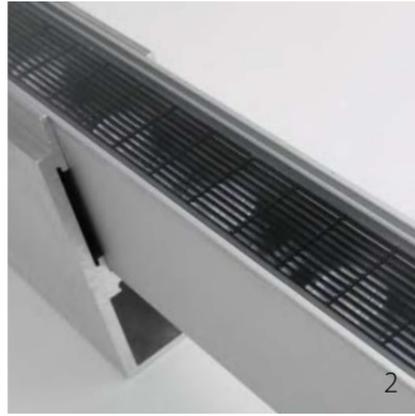
KKCP-11  
Concealed clip



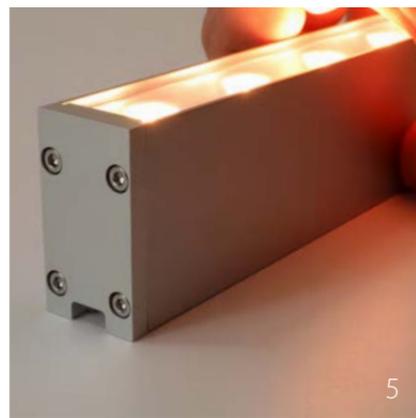
KKFR-03  
Ground box



## Detail shots

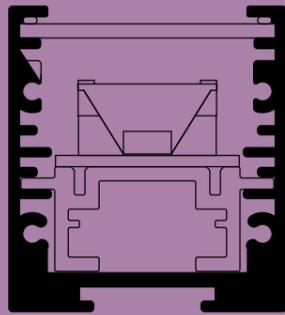


1. Mini power LED linear array
2. Extruded aluminium ground box rail
3. Compact form clear cover
4. Honeycomb anti-glare louvre
5. Robust CNC machined aluminium end cap



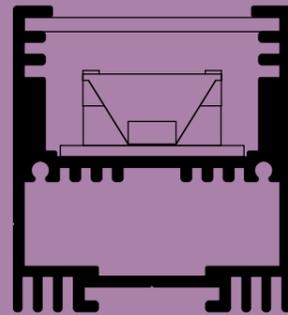
6. MOMO-F Power next to MOMO-R Power & MOMO Power

## 17. SEN Series

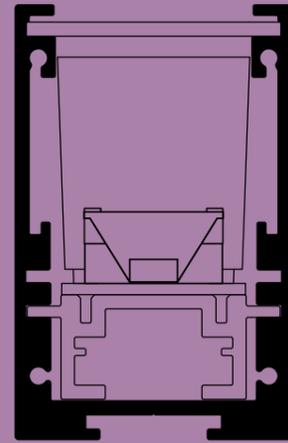


SEN CV **360**

SEN CC **364**



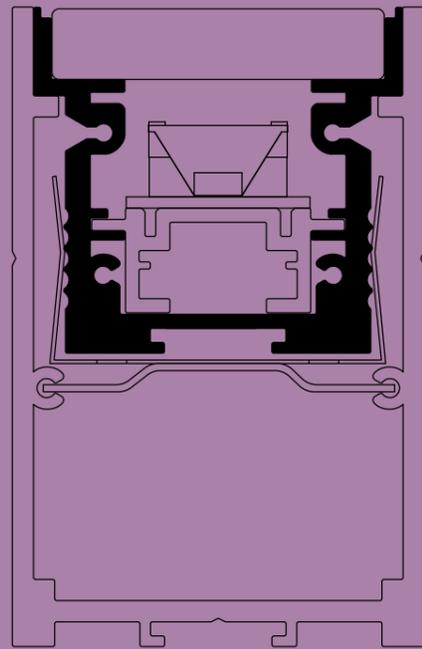
SEN CV Indoor **368**



SEN Louvre CV **372**

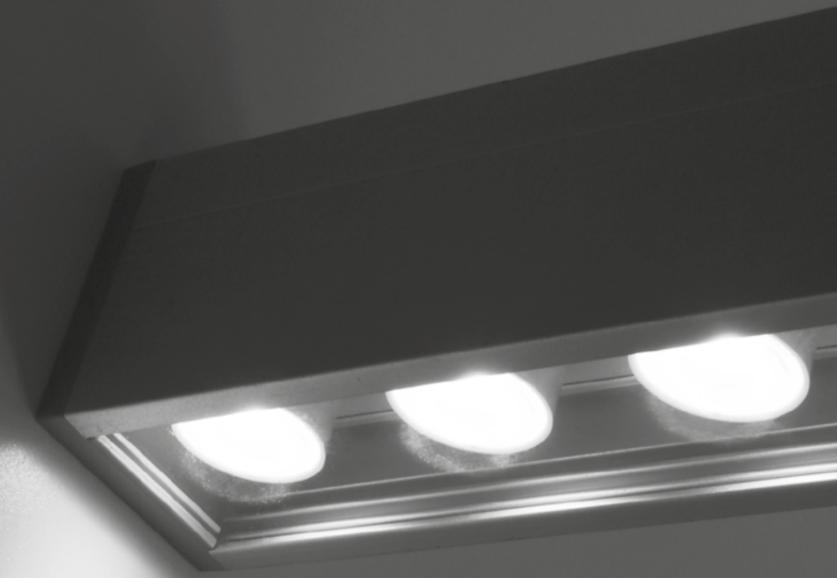
SEN Louvre CC **376**

\*Profile drawings are 1:1 scale



SEN-F CV **380**

SEN-F CC **384**



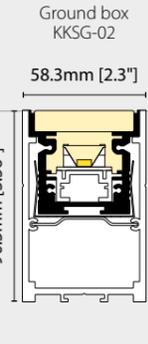
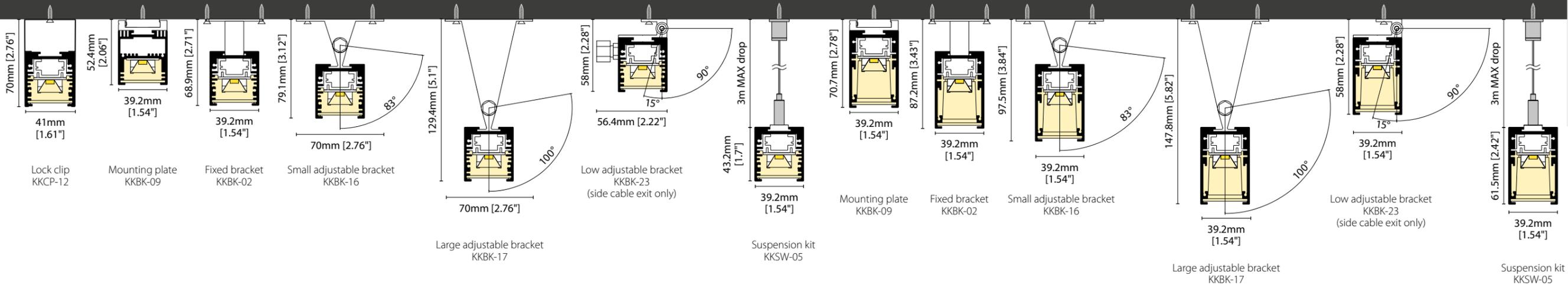
KKDC core family of large exterior linear high-power fixtures featuring very bright, lensed LED arrays able to project light beams over extensive distance suitable for large corporate building façades, large wall grazing and public spaces. Constant Current (CC) or Constant Voltage (CV) available, with a wide choice of beam angles and glare control options. Surface mounting via fixed or adjustable brackets with a toughened glass in-ground variant.

SEN  
SERIES

## SEN CV/SEN CC/SEN CV Indoor

## SEN Louvre CV/SEN Louvre CC

## SEN-F CV SEN-F CC

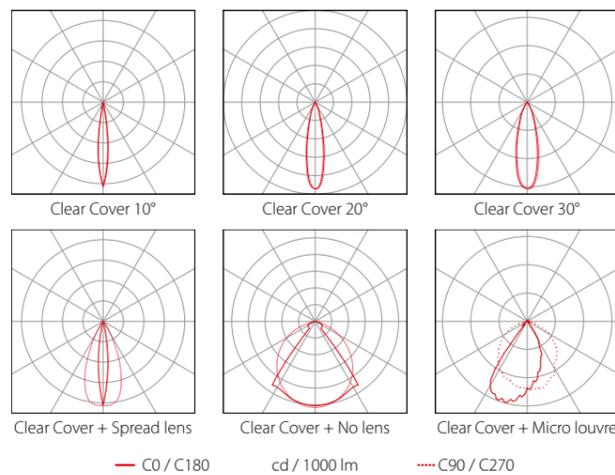


	SEN CV			SEN CC			SEN CV Indoor	SEN Louvre CV	SEN Louvre CC			SEN-F CV	SEN-F CC		
LED	035	047 RGB	094 RGB	033	050	100	035	035	033	050	100	035	033	050	100
W/m	40W	32.7W	16.3W	30W/61W	20W/41W	10W/21W	40W	40W	30W/61W	20W/41W	10W/21W	40W	30W/61W	20W/41W	10W/21W
Line	h-			h-	h-	h-	h-	h-	h-	h-	h-	h-	h-	h-	h-
IP	IP40						■								
	IP44	■	■	■	■	■		■	■	■	■		■	■	■
	IP67	■	■	■	■	■		■	■	■	■	■	■	■	■
Cover & Optics	No Lens	■	■	■	■	■	■					■	■	■	■
	Clear	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	Micro Louvre	■			■	■	■	■				■	■	■	■
	Deep Louvre							■	■	■	■				
	Spreader lens	■	■	■	■	■	■	■				■	■	■	■
	10°	■			■	■	■	■	■	■	■	■	■	■	■
	20°	■			■	■	■	■	■	■	■	■	■	■	■
30°	■			■	■	■	■	■	■	■	■	■	■	■	
35°		■	■										■	■	
60°				■	■	■							■	■	



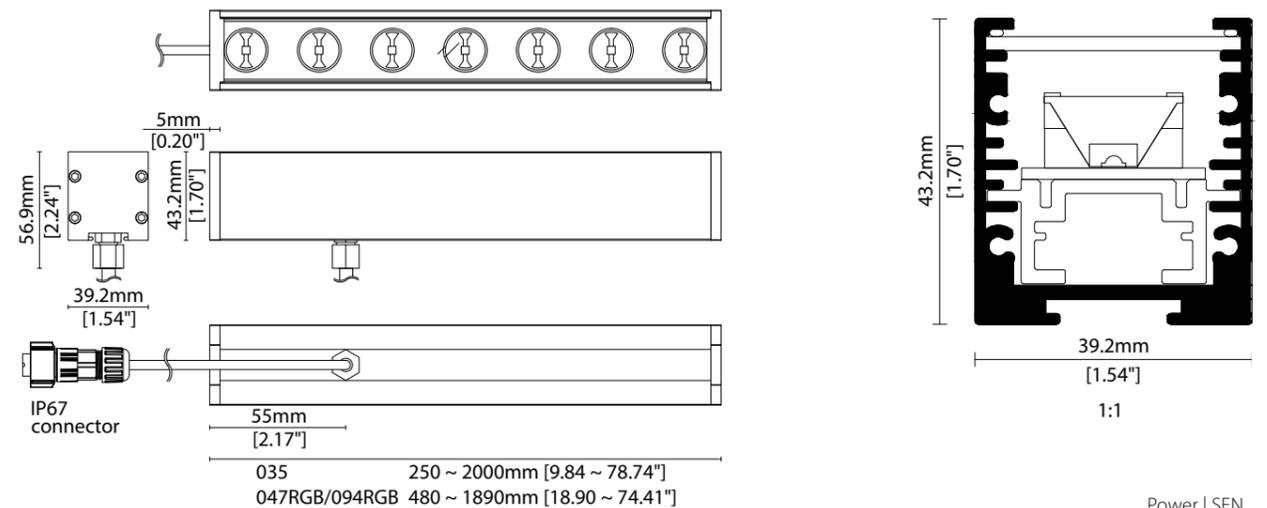
## Housing Data

<b>Cover/Optics</b>	<b>035:</b> Clear + 10°/20°/30°/Spread lens (10°x45°)/No lens <b>RGB:</b> 35°/Spread lens (10°x45°)/No lens
<b>CCT</b>	<b>h-line:</b> 2700K/3000K/3500K/4000K/5000K (90CRI for 2700K/3000K)
<b>LED binning</b>	<b>h-line:</b> 3-step MacAdam Ellipse <b>h-line:</b> 4-step MacAdam Ellipse (5000K)
<b>CRI</b>	≥90 (2700K/3000K) ≥80 (3500K/4000K/5000K)
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP44/67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via brackets
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	1-10V/DMX/DALI



## LED Data (Based on 3000K)

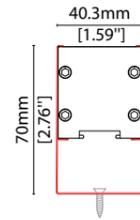
	<b>SEN CV 035</b>	<b>SEN CV 047 RGB</b>	<b>SEN CV 094 RGB</b>
<b>Clear Cover 10°</b>	3288lm/m (1002lm/ft) 82lm/W	n/a	n/a
<b>Clear Cover 20°</b>	3228lm/m (984lm/ft) 81lm/W	n/a	n/a
<b>Clear Cover 30°</b>	3412lm/m (1040lm/ft) 85lm/W	n/a	n/a
<b>Clear Cover 35°</b>	n/a	Red: 187lm/m (57lm/ft) Green: 774lm/m (236lm/ft) Blue: 43lm/m (13lm/ft) RGB: 946lm/m (288lm/ft)	Red: 125lm/m (38lm/ft) Green: 374lm/m (114lm/ft) Blue: 16lm/m (5lm/ft) RGB: 502lm/m (153lm/ft)
<b>Clear Cover Spread lens</b>	3048lm/m (929lm/ft) 76lm/W	Red: 187lm/m (57lm/ft) Green: 774lm/m (236lm/ft) Blue: 43lm/m (13lm/ft) RGB: 946lm/m (288lm/ft)	Red: 125lm/m (38lm/ft) Green: 374lm/m (114lm/ft) Blue: 16lm/m (5lm/ft) RGB: 502lm/m (153lm/ft)
<b>Clear Cover No Lens</b>	2684lm/m (818lm/ft) 67lm/W	Red: 156lm/m (48lm/ft) Green: 645lm/m (197lm/ft) Blue: 35lm/m (11lm/ft) RGB: 789lm/m (240lm/ft)	Red: 104lm/m (32lm/ft) Green: 311lm/m (114lm/ft) Blue: 13lm/m (4lm/ft) RGB: 419lm/m (128lm/ft)
<b>Clear Cover + Micro Louvre</b>	-60% Output when combined with Cover and Lens options	n/a	n/a
<b>Wattage</b>	40W/m (12.19W/ft)	32.7W/m (9.96W/ft)	16.3W/m (4.98W/ft)
<b>Dimension</b>	H43.2/W39.2/L250-2000mm (H1.70/W1.54/L9.84-78.74") 1250mm (49.21") max for UL	H43.2/W39.2/L480-1890mm (H1.70/W1.54/L18.90-74.41")	H43.2/W39.2/L480-1890mm (H1.70/W1.54/L18.90-74.41")
<b>PCB Cut-point</b>	250mm (9.84")	470mm (18.5")	470mm (18.5")
<b>LED Pitch</b>	35mm – 28LED/m (1.38" – 9LED/ft)	47mm – 21LED/m (1.85" – 6LED/ft)	94mm – 10LED/m (3.7" – 3LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 80°C)	T <sub>a</sub> = -20 to 40°C (T <sub>c</sub> Max = 60°C)	T <sub>a</sub> = -20 to 40°C (T <sub>c</sub> Max = 55°C)



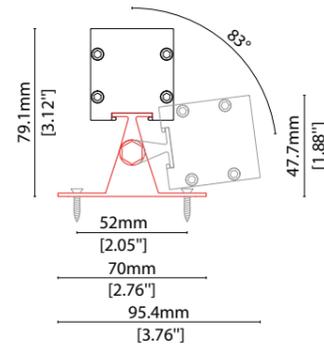
## Mounting methods



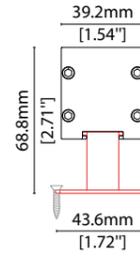
KKCP-12  
Lock Clip



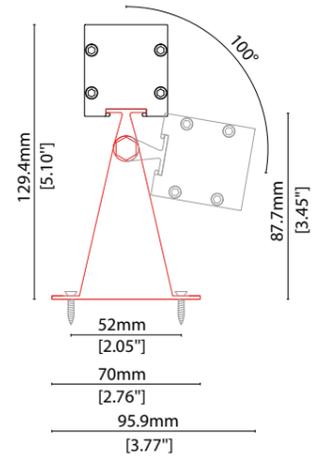
KKBK-16  
Small adjustable bracket



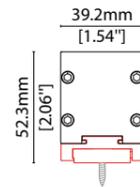
KKBK-02  
Fixed bracket



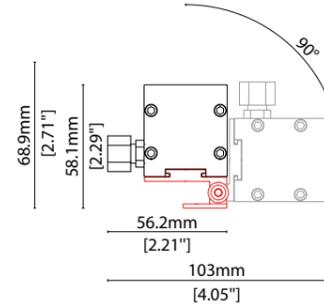
KKBK-17  
Large adjustable bracket



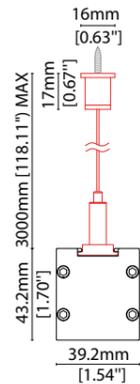
KKBK-09  
Mounting plate  
(Side cable exit only)



KKBK-23  
Low adjustable bracket  
(Side cable exit only)



KKSU-05  
Quick release suspension  
wire kit



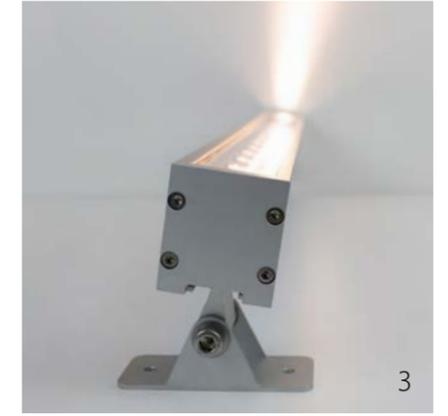
## Detail shots



1



2



3



4

1. SEN with adjustable angle bracket
2. Strong exterior housing with bolted aluminium end caps
3. Power lensed LED with 10° beam
4. Side cable exit with low adjustable bracket

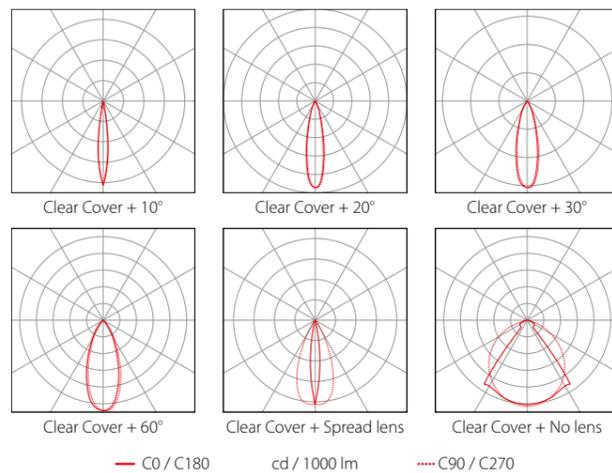
**Project:** Starfield COEX Mall Library  
**Lighting Design:** Bitzro & Partners  
KKDC Korea





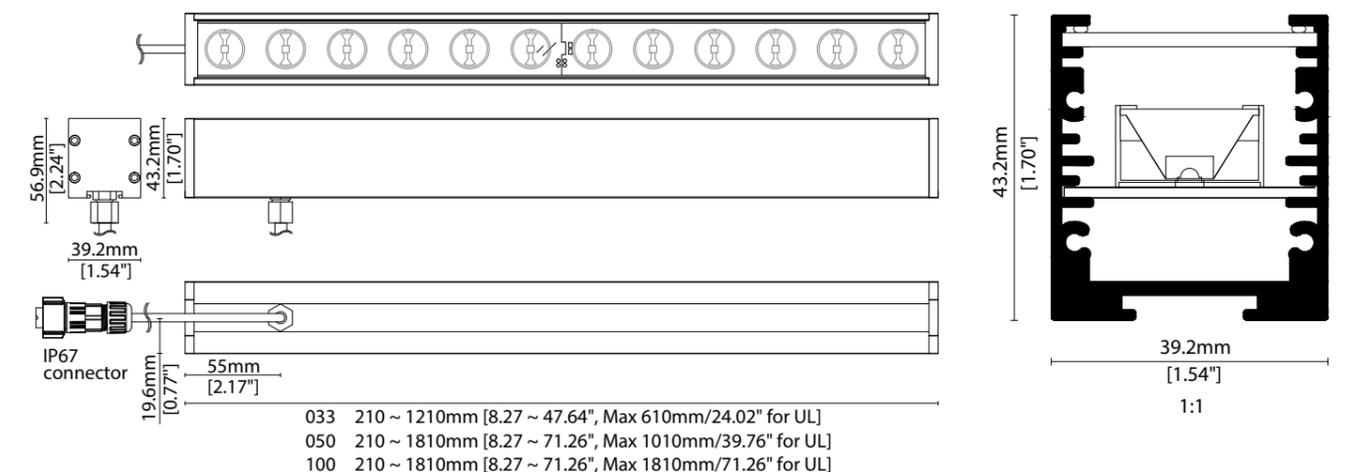
## Housing Data

<b>Cover/Optics</b>	Clear + 10°/20°/30°/60°/Spread lens (10°x45°)/No lens/Micro louvre
<b>CCT</b>	<b>h-line:</b> White: 2700K/3000K/3500K/4000K/5000K <b>h-line:</b> Single colours: Red/Green/Blue
<b>LED binning</b>	<b>h-line:</b> 3-step MacAdam Ellipse
<b>CRI</b>	80 (2700K-4000K)/75 (5000K)
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP44/67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via brackets
<b>Power feed</b>	Sheathed hardwire tail
<b>Control</b>	0-10V/1-10V/DMX/DALI via. External power supply options



## LED Data (Based on 3000K, 700mA)

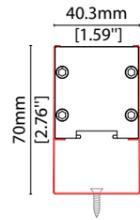
	SEN CC 033	SEN CC 050	SEN CC 100
<b>h-</b>			
<b>Clear Cover 10°</b>	5325lm/m (1623lm/ft) 87lm/W	3567lm/m (1087lm/ft) 87lm/W	1848lm/m (563lm/ft) 88lm/W
<b>Clear Cover 20°</b>	5307lm/m (1618lm/ft) 87lm/W	3526lm/m (1075lm/ft) 86lm/W	1827lm/m (557lm/ft) 87lm/W
<b>Clear Cover 30°</b>	4941lm/m (1506lm/ft) 81lm/W	3280lm/m (1000lm/ft) 80lm/W	1701lm/m (518lm/ft) 81lm/W
<b>Clear Cover 60°</b>	5673lm/m (1729lm/ft) 93lm/W	3813lm/m (1162lm/ft) 93lm/W	1974lm/m (602lm/ft) 94lm/W
<b>Clear Cover Spread lens</b>	5185lm/m (1580lm/ft) 85lm/W	3444lm/m (1050lm/ft) 84lm/W	1785lm/m (544lm/ft) 85lm/W
<b>Clear Cover No Lens</b>	4270lm/m (1301lm/ft) 70lm/W	2829lm/m (862lm/ft) 69lm/W	1470lm/m (448lm/ft) 70lm/W
<b>Clear Cover + Micro Louvre</b>	-60% Output when combined with Cover and Lens options	-60% Output when combined with Cover and Lens options	-60% Output when combined with Cover and Lens options
<b>Wattage</b>	61W/m (18.59W/ft)	41W/m (12.49W/ft)	21W/m (6.40W/ft)
<b>Dimension</b>	H43.2/W39.2/L210-1210mm (H1.70/W1.54/L8.27-47.64") 610mm (24.02") max for UL	H43.2/W39.2/L210-1810mm (H1.70/W1.54/L8.27-71.26") 1010mm (39.76") max for UL	H43.2/W39.2/L210-1810mm (H1.70/W1.54/L8.27-71.26") 1810mm (71.26") max for UL
<b>PCB Cut-point</b>	100mm (3.94")	100mm (3.94")	100mm (3.94")
<b>LED Pitch</b>	33mm – 30LED/m (1.30" – 9.1LED/ft)	50mm – 20LED/m (1.97" – 6.1LED/ft)	100mm – 10LED/m (3.94" – 3LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 30°C (T <sub>c</sub> Max = 47°C)	T <sub>a</sub> = -25 to 30°C (T <sub>c</sub> Max = 47°C)	T <sub>a</sub> = -25 to 55°C (T <sub>c</sub> Max = 71°C)



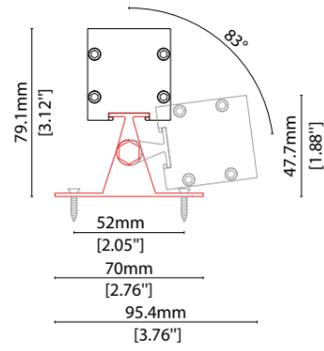
## Mounting methods



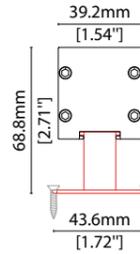
KKCP-12  
Lock Clip



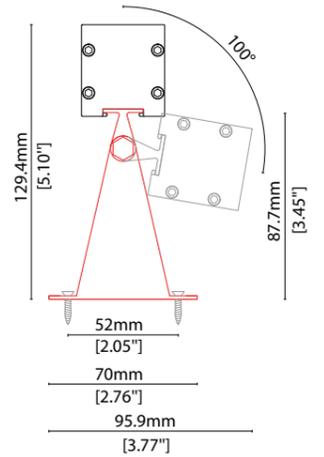
KKBK-16  
Small adjustable bracket



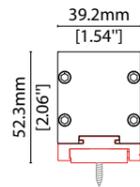
KKBK-02  
Fixed bracket



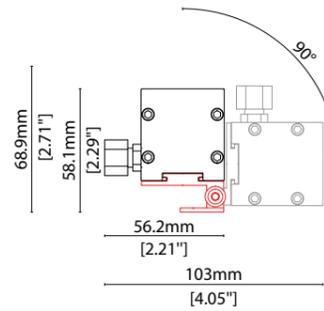
KKBK-17  
Large adjustable bracket



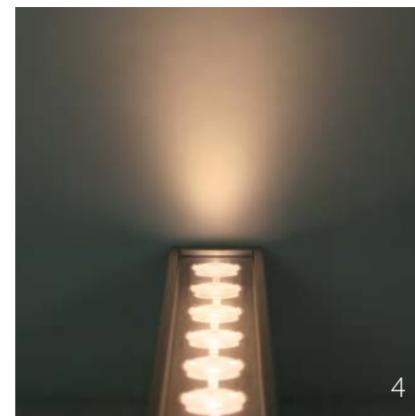
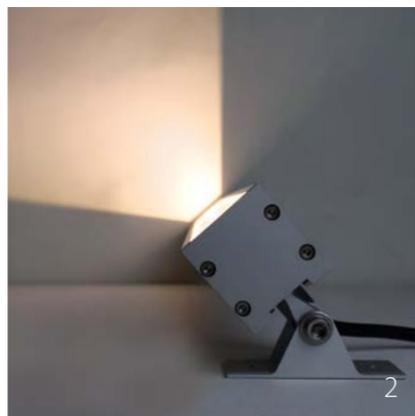
KKBK-09  
Mounting plate  
(Side cable exit only)



KKBK-23  
Low adjustable bracket  
(Side cable exit only)



## Detail shots



1. Anti-glare micro louvre
2. Clear cover with no lens
3. Adjustable angle bracket and rear cable exit and diffused cover
4. Linear power LED array, 20° lens



**Above**  
Project: Politecnico di Torino  
Lighting Design: Light Follows Behaviour  
KKDC Italy

**Right**  
Project: KKDC Showroom, Kyoto  
Lighting Design: STYLE MATEC., Ltd  
Architect: Fujiwara Muro Architects  
KKDC Kyoto

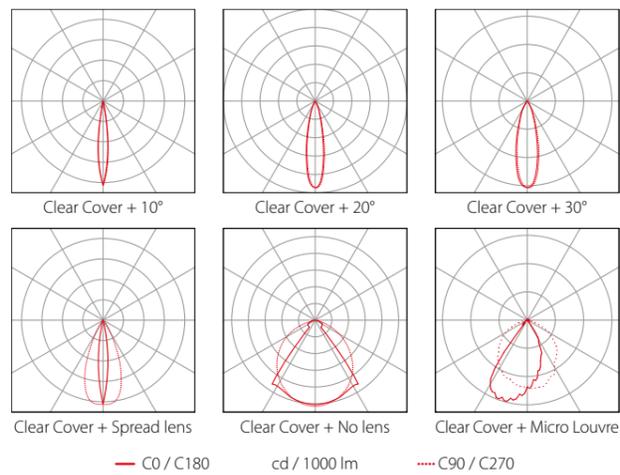


# SEN CV Indoor



## Housing Data

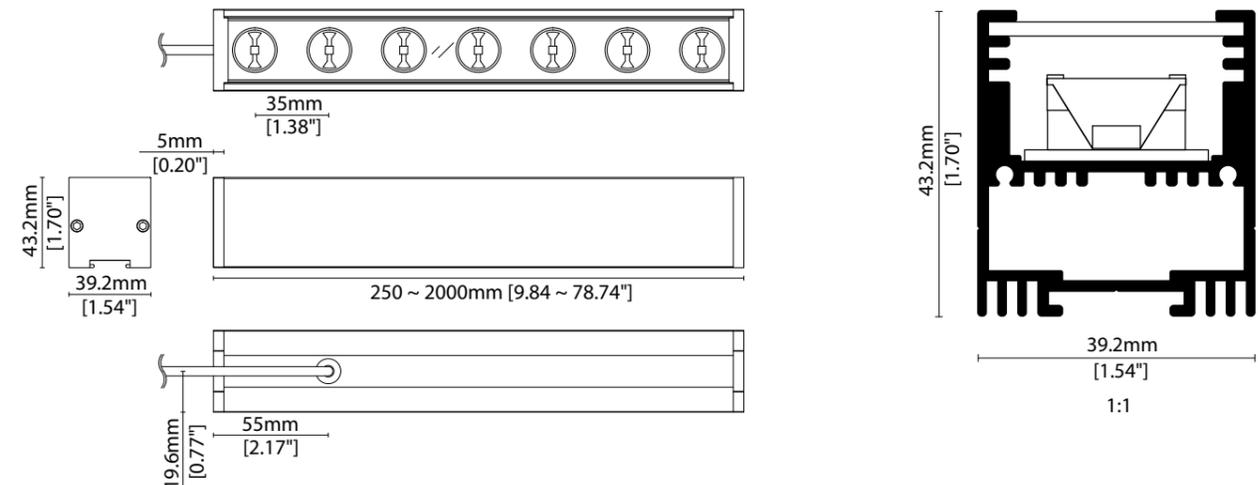
<b>Cover/Optics</b>	Clear + 10°/20°/30°/Spread lens (10°x45°)/No lens
<b>CCT</b>	<b>h-line:</b> 2700K/3000K/3500K/4000K/5000K (90CRI for 2700K/3000K)
<b>LED binning</b>	<b>h-line:</b> 3-step MacAdam Ellipse <b>h-line:</b> 4-step MacAdam Ellipse (5000K)
<b>CRI</b>	≥90 (2700K/3000K) ≥80 (3500K/4000K/5000K)
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via clips or brackets
<b>Power feed</b>	Sheathed hardwire tail
<b>Control</b>	1-10V/DMX/DALI (see visDIM range)



## LED Data (Based on 3000K)



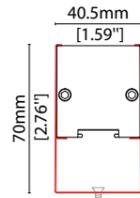
<b>Clear Cover 10°</b>	3280lm/m (1000lm/ft) 82lm/W
<b>Clear Cover 20°</b>	3264lm/m (995lm/ft) 82lm/W
<b>Clear Cover 30°</b>	3404lm/m (1038lm/ft) 85lm/W
<b>Clear Cover Spread lens</b>	3068lm/m (935lm/ft) 77lm/W
<b>Clear Cover No Lens</b>	2780lm/m (847lm/ft) 70lm/W
<b>Clear Cover + Micro Louvre</b>	-60% Output when combined with Cover and Lens options
<b>Wattage</b>	40W/m (12.19W/ft)
<b>Dimension</b>	H43.2/W39.2/L250-2000mm (H1.70/W1.54/L9.84-78.74") 1250mm (49.21") max for UL
<b>PCB Cut-point</b>	250mm (9.84")
<b>LED Pitch</b>	35mm – 28LED/m (1.38" – 9LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 80°C)



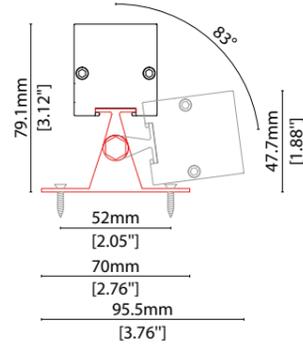
## Mounting methods



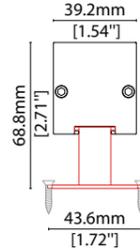
KKCP-12  
Lock Clip



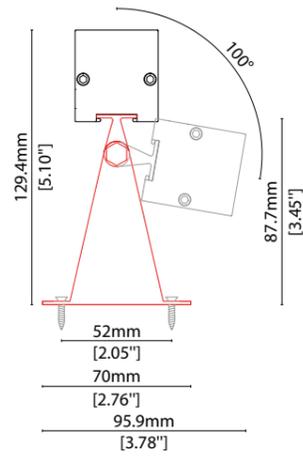
KKBK-16  
Small adjustable bracket



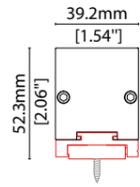
KKBK-02  
Fixed bracket



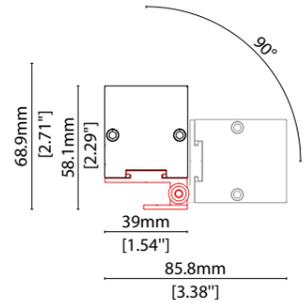
KKBK-17  
Large adjustable bracket



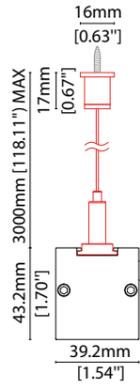
KKBK-09  
Mounting plate



KKBK-23  
Low adjustable bracket



KKSU-05  
Quick release suspension wire kit



## Detail shots



1. 35mm pitched high power LED with lock clip
2. Injection moulded end cap

**Right**  
**Project:** National Theatre, London  
**Lighting Design:** Atelier Ten  
**Architect:** Haworth Tompkins  
**Photography:** Philip Vile  
 KKDC England

**Below**  
**Project:** La Dame à la Licorne at Musée de Cluny, Paris  
**Lighting Design:** François Magos  
**Photography:** Jean Garcin  
 KKDC France



# SEN Louvre CV



## LED Data (Based on 3000K)

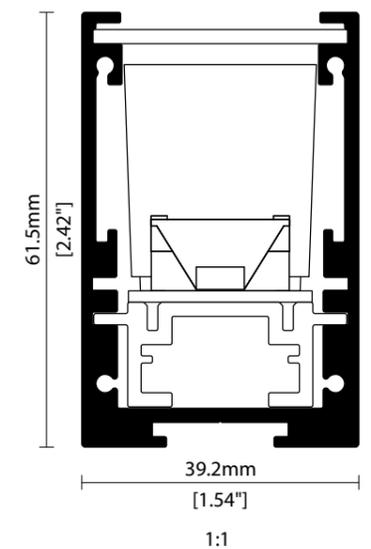
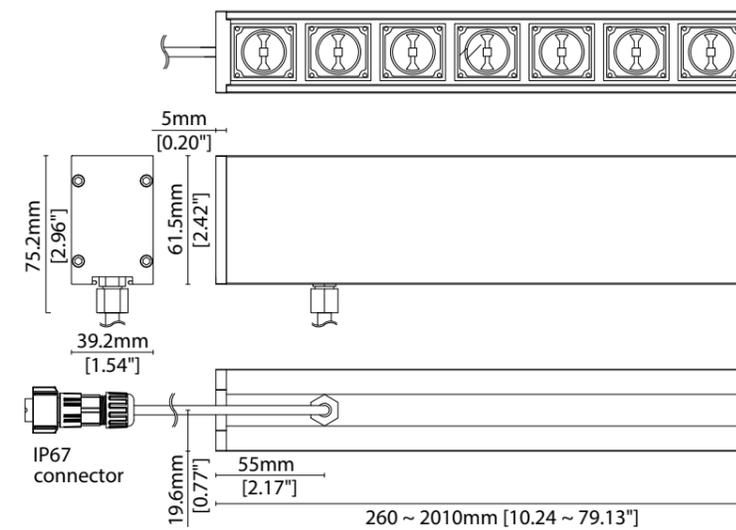
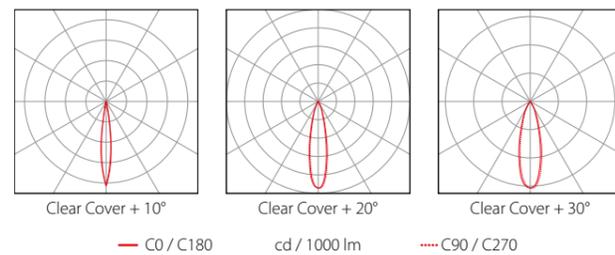


<b>Clear Cover 10°</b>	2188lm/m (667lm/ft) 55lm/W
<b>Clear Cover 20°</b>	2308lm/m (703lm/ft) 58lm/W
<b>Clear Cover 30°</b>	2644lm/m (806lm/ft) 66lm/W
<b>Wattage</b>	40W/m (12.19W/ft)
<b>Dimension</b>	H61.5/W39.2/L260-2010mm (H2.42/W1.54/L10.24-79.13") 1260mm (49.60") max for UL
<b>PCB Cut-point</b>	250mm (9.84")
<b>LED Pitch</b>	35mm – 28LED/m (1.38" – 9LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 80°C)



## Housing Data

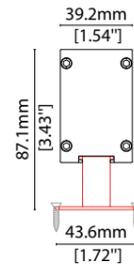
<b>Cover/Optics</b>	Clear + 10°/20°/30°
<b>CCT</b>	<b>h-line:</b> 2700K/3000K/3500K/4000K/5000K (90CRI for 2700K/3000K)
<b>LED binning</b>	<b>h-line:</b> 3-step MacAdam Ellipse 4-step MacAdam Ellipse (5000K)
<b>CRI</b>	≥90 (2700K/3000K) ≥80 (3500K/4000K/5000K)
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP44/67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via brackets
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	1-10V/DMX/DALI



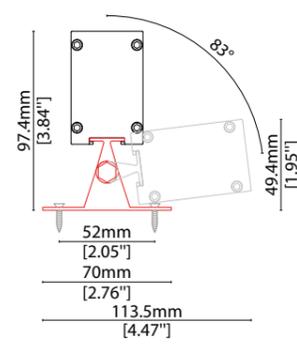
## Mounting methods



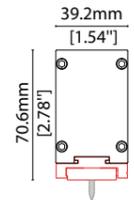
KKBK-02  
Fixed bracket



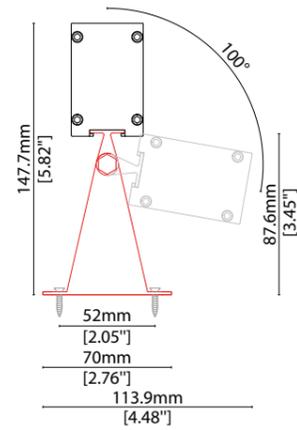
KKBK-16  
Small adjustable bracket



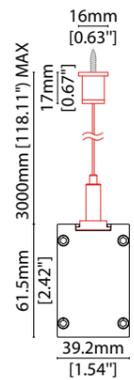
KKBK-09  
Mounting plate



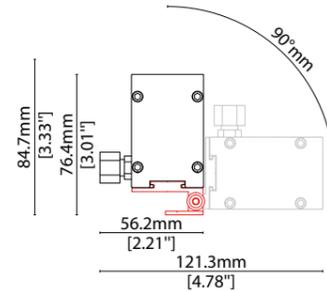
KKBK-17  
Large adjustable bracket



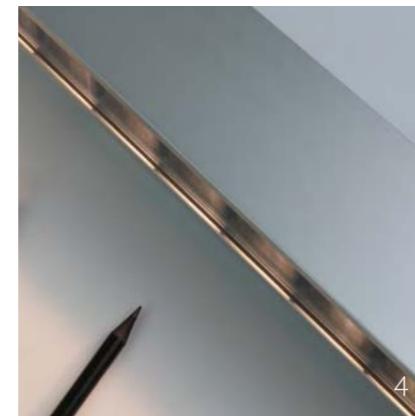
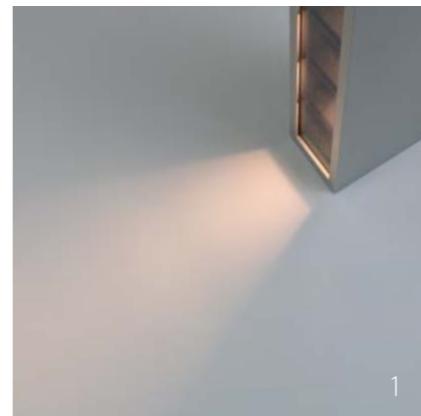
KKSU-05  
Quick release suspension  
wire kit



KKBK-23  
Low adjustable bracket



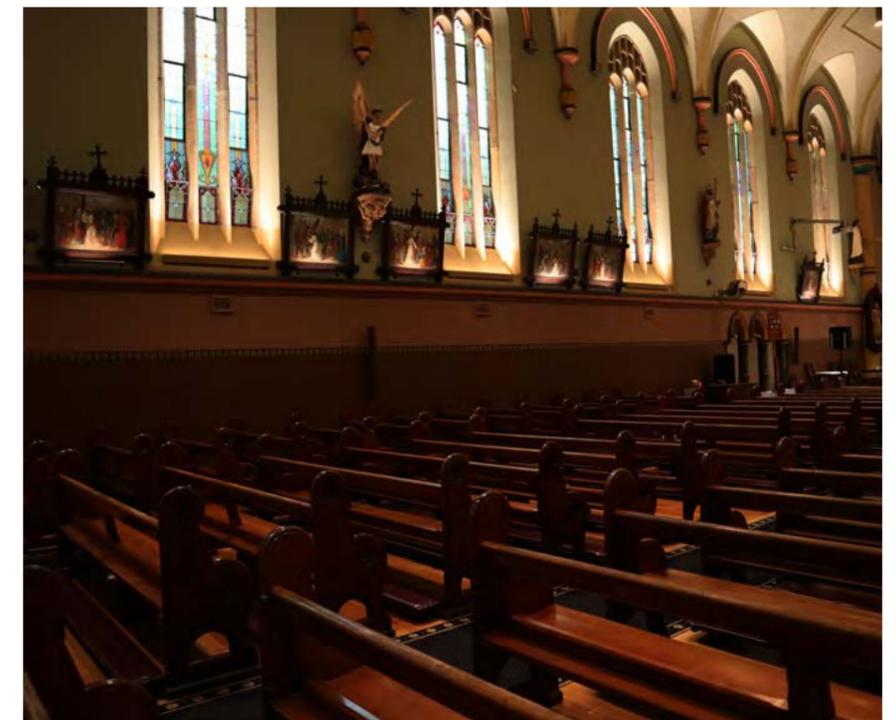
## Detail shots



1. Dark light anti-glare louvre
2. Anodised aluminium end cap and rear cable exit
3. Large form factor with deep louvre
4. Anodised aluminium extruded housing



**Above and Right**  
Project: St Augustine's Church, Australia  
Lighting Design: Haron Robson  
KKDC Sydney



# SEN Louvre CC



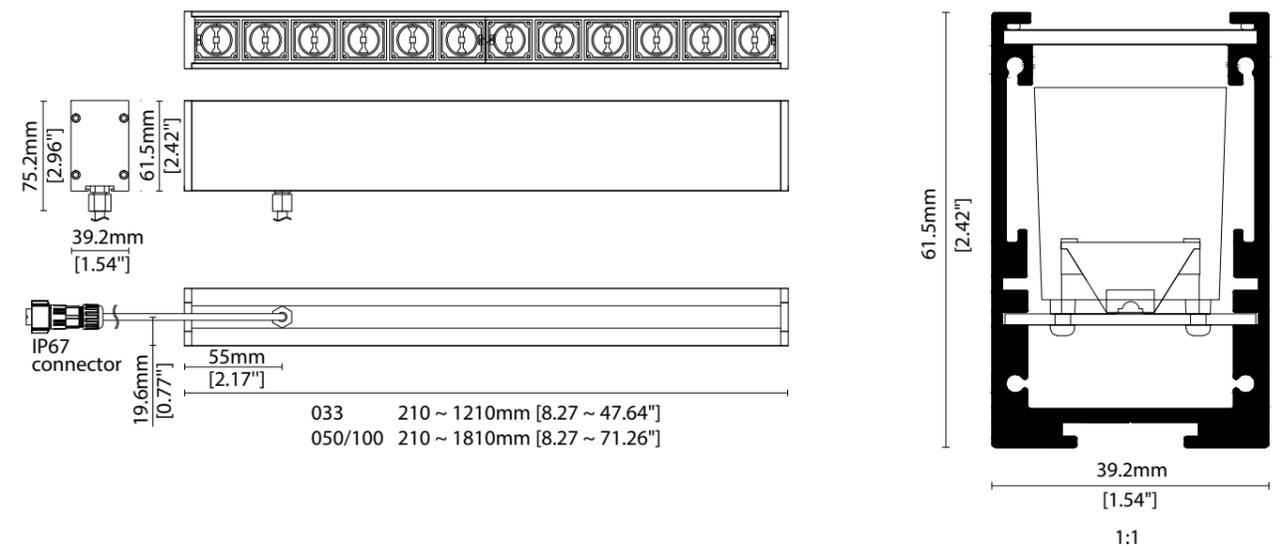
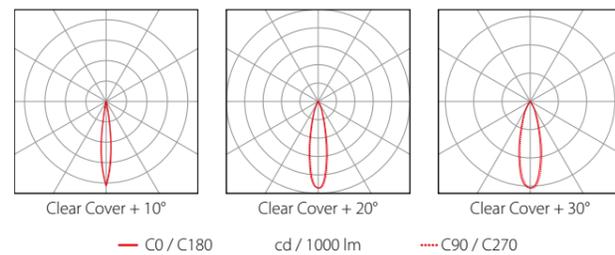
## LED Data (Based on 3000K, 700mA)

	SEN Louvre CC 033	SEN Louvre CC 050	SEN Louvre CC 100
<b>Clear Cover 10°</b>	3330lm/m (1006lm/ft) 55lm/W	2255lm/m (687lm/ft) 55lm/W	1155lm/m (352lm/ft) 55lm/W
<b>Clear Cover 20°</b>	3330lm/m (1006lm/ft) 55lm/W	2255lm/m (687lm/ft) 55lm/W	1155lm/m (352lm/ft) 55lm/W
<b>Clear Cover 30°</b>	3060lm/m (933lm/ft) 51lm/W	2091lm/m (637lm/ft) 51lm/W	1071lm/m (326lm/ft) 51lm/W
<b>Wattage</b>	61W/m (18.59W/ft)	41W/m (12.49W/ft)	21W/m (6.40W/ft)
<b>Dimension</b>	H61.5/W39.2/L210-1210mm (H2.42/W1.54/L8.27-47.64")	H61.5/W39.2/L210-1810mm (H2.42/W1.54/L8.27-71.26")	H61.5/W39.2/L210-1810mm (H1.70/W1.54/L8.27-71.26")
<b>PCB Cut-point</b>	100mm (3.94")	100mm (3.94")	100mm (3.94")
<b>LED Pitch</b>	33mm – 30LED/m (1.30" – 9.1LED/ft)	50mm – 20LED/m (1.97" – 6.1LED/ft)	100mm – 10LED/m (3.94" – 3LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 67.5°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 65.7°C)	T <sub>a</sub> = -25 to 55°C (T <sub>c</sub> Max = 71°C)



## Housing Data

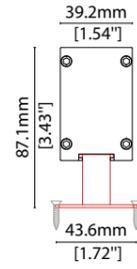
<b>Cover/Optics</b>	Clear + 10°/20°/30°
<b>CCT</b>	<b>h-line:</b> White: 2700K/3000K/3500K/4000K/5000K <b>h-line:</b> Single colours: Red/Green/Blue
<b>LED binning</b>	<b>h-line:</b> 3-step MacAdam Ellipse
<b>CRI</b>	80 (2700K-4000K)/75 (5000K)
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP44/67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via brackets
<b>Power feed</b>	Sheathed hardwire tail
<b>Control</b>	0-10V/1-10V/DMX/DALI via. External power supply options



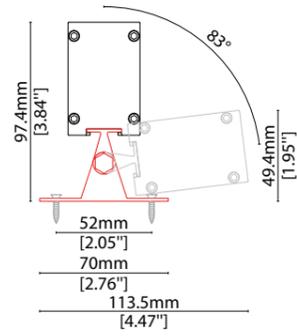
## Mounting methods



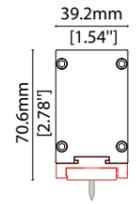
KKBK-02  
Fixed bracket



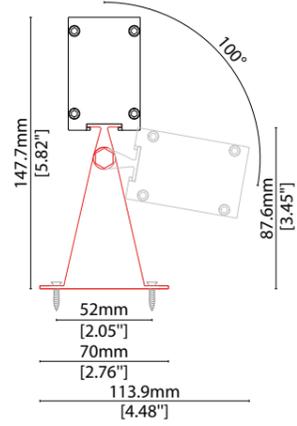
KKBK-16  
Small adjustable bracket



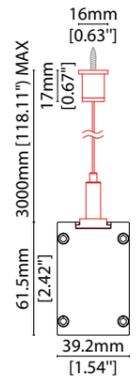
KKBK-09  
Mounting plate



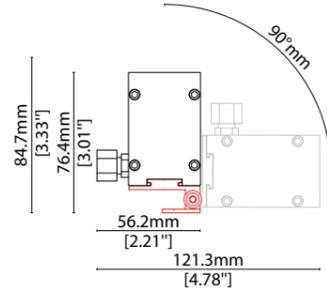
KKBK-17  
Large adjustable bracket



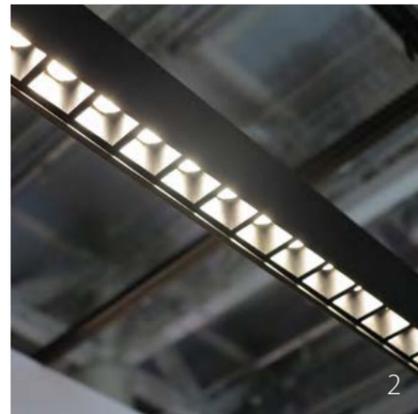
KKSU-05  
Quick release suspension wire kit



KKBK-23  
Low adjustable bracket



## Detail shots



1. LED array options with 33mm, 50mm or 100mm pitch
2. Linear pendant downlighting
3. Rear cable exit

# SEN-F CV

SEN-F CV

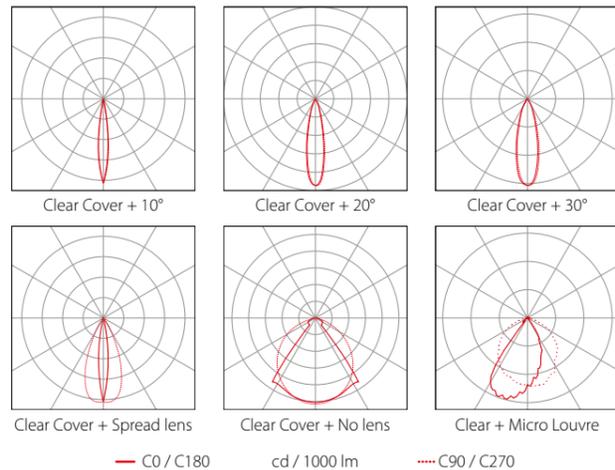


View online



## Housing Data

<b>Cover/Optics</b>	Clear + 10°/20°/30°/Spread lens (10°x45°)/No lens
<b>CCT</b>	<b>h-line:</b> White: 2700K/3000K/3500K/4000K/5000K (90CRI for 2700K/3000K)
<b>LED binning</b>	<b>h-line:</b> 3-step MacAdam Ellipse 4-step MacAdam Ellipse (5000K)
<b>CRI</b>	≥90 (2700K/3000K) ≥80 (3500K/4000K/5000K)
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Ground Recessed Mounting
<b>Power feed</b>	Sheathed hardwire tails
<b>Control</b>	1-10V/DMX/DALI



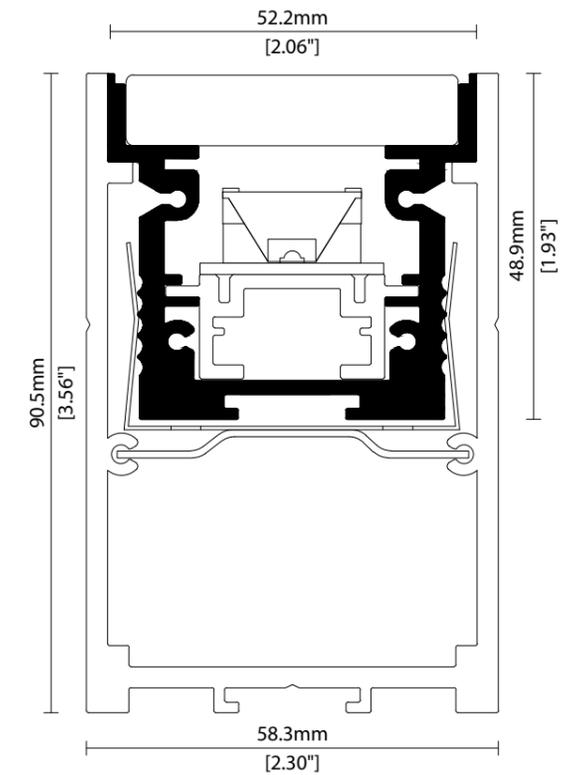
## LED Data (Based on 3000K)



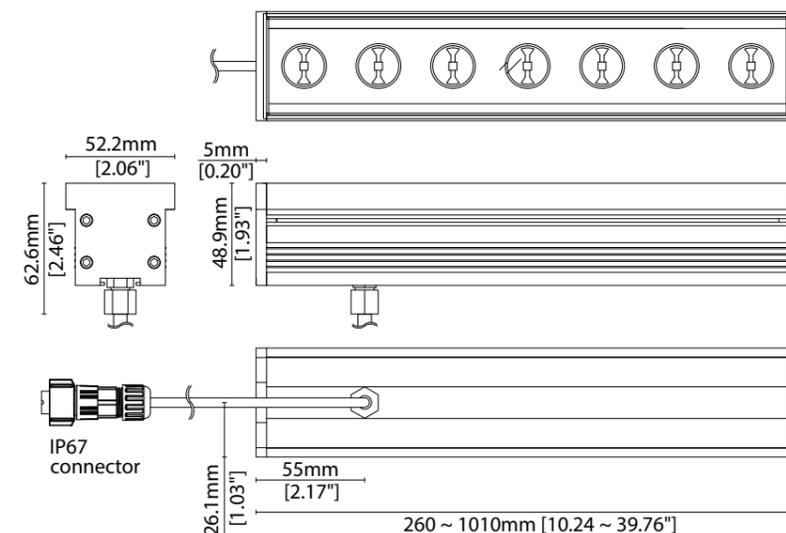
SEN-F CV 035

h-

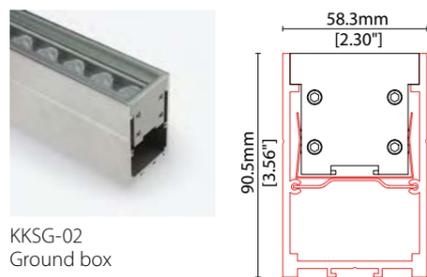
<b>Clear Cover 10°</b>	3356lm/m (1023lm/ft) 84lm/W
<b>Clear Cover 20°</b>	3332lm/m (1016lm/ft) 83lm/W
<b>Clear Cover 30°</b>	3488lm/m (1063lm/ft) 87lm/W
<b>Clear Cover Spread lens</b>	3148lm/m (960lm/ft) 79lm/W
<b>Clear Cover No Lens</b>	3000lm/m (914lm/ft) 75lm/W
<b>Clear Cover + Micro Louvre</b>	-60% Output when combined with Cover and Lens options
<b>Wattage</b>	40W/m (12.19W/ft)
<b>Dimension</b>	H48.9/W52.2/L260-1010mm (H1.93/W2.06/L10.24-39.76")
<b>PCB Cut-point</b>	250mm (9.84")
<b>LED Pitch</b>	35mm – 28LED/m (1.38" – 9LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 80°C)



1:1



## Mounting methods

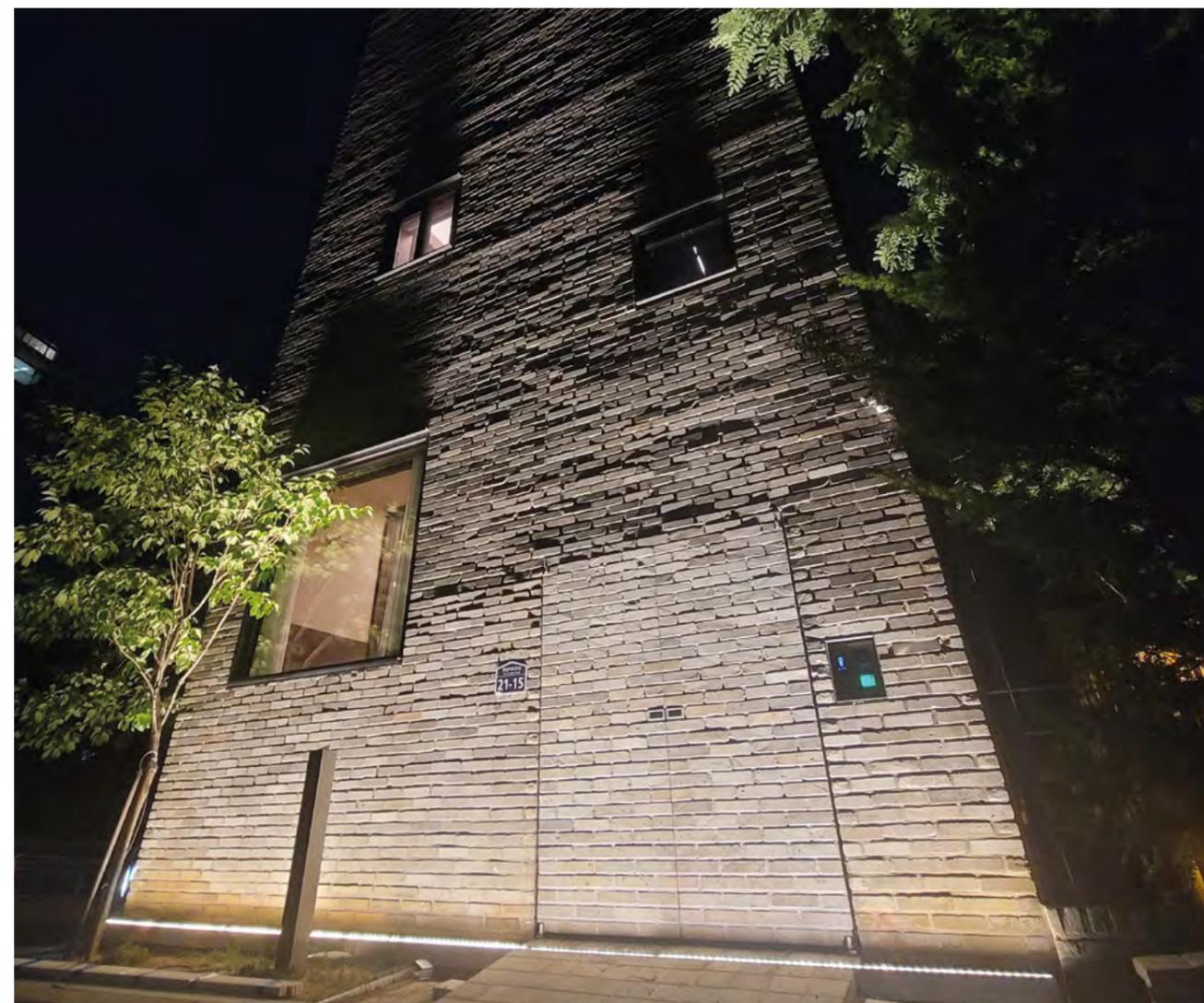
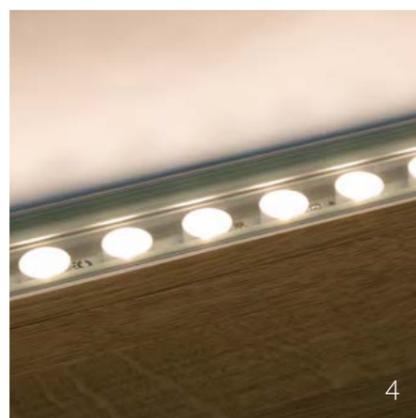


KKSG-02  
Ground box

## Detail shots



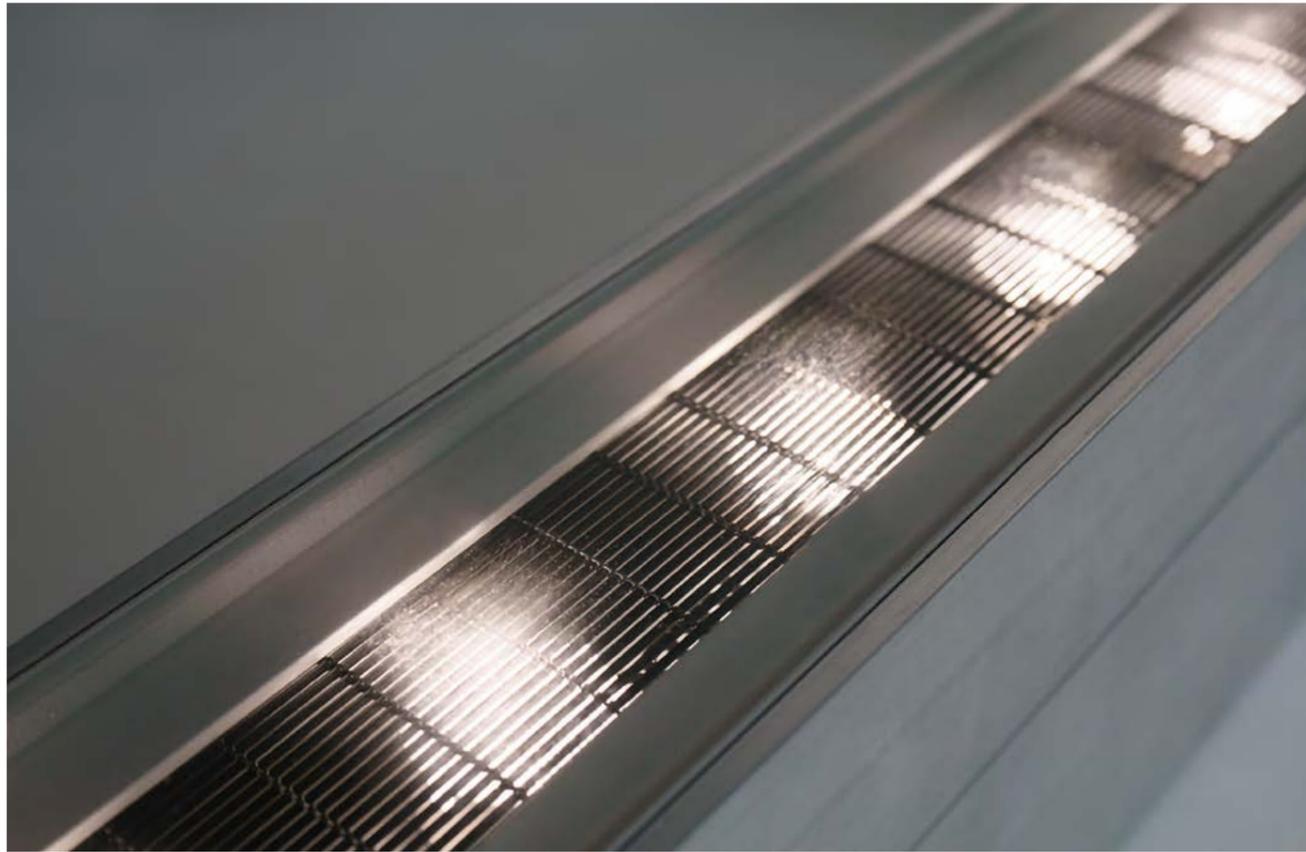
1. Toughened clear glass with high power lensed LED
2. Rear cable exit inside ground box
3. Robust anodised aluminium end cap
4. Spread lens for wall grazing



**Above right**  
**Project:** COCONE, South Korea  
**Lighting Design:** Bitzro, Ki Young Ko  
 KKDC Korea

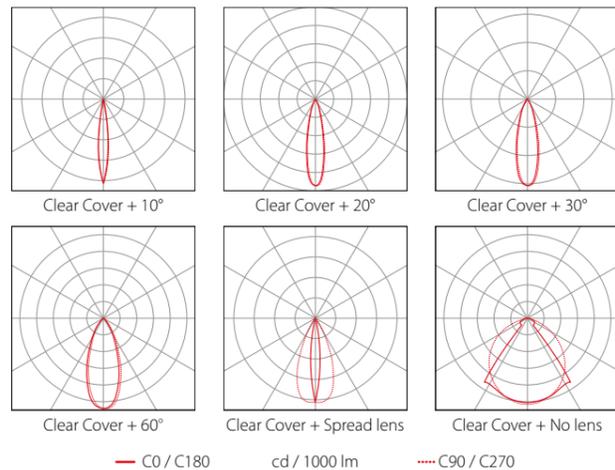
**Right**  
**Project:** YOUONEJAE Spa & Resort  
**Lighting Design:** Bitzro, Ki Young Ko  
**Supplier:** Haemoon, Dong Hoon Kim  
 KKDC Korea

# SEN-F CC



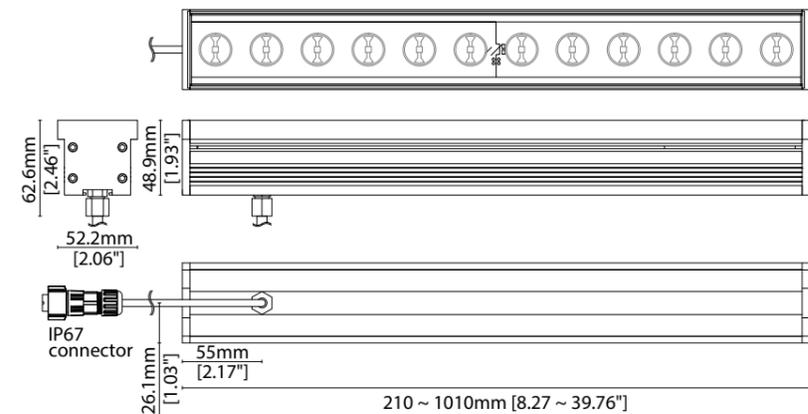
## Housing Data

<b>Cover/Optics</b>	Clear + 10°/20°/30°/60°/Spread lens (10°x45°)/No lens
<b>CCT</b>	<b>h-line:</b> White: 2700K/3000K/3500K/4000K/5000K <b>h-line:</b> Single colours: Red/Green/Blue
<b>LED binning</b>	<b>h-line:</b> 3-step MacAdam Ellipse
<b>CRI</b>	80 (2700K-4000K)/75 (5000K)
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Ground Recessed Mounting
<b>Power feed</b>	Sheathed hardwire tail
<b>Control</b>	0-10V/1-10V/DMX/DALI via. External power supply options



## LED Data (Based on 3000K, 700mA)

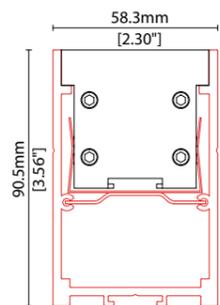
	SEN-F CC 033	SEN-F CC 050	SEN-F CC 100
<b>h-</b>	<b>h-</b>	<b>h-</b>	<b>h-</b>
<b>Clear Cover 10°</b>	5551lm/m (1692lm/ft) 91lm/W	3731lm/m (1137lm/ft) 91lm/W	1932lm/m (589lm/ft) 92lm/W
<b>Clear Cover 20°</b>	5490lm/m (1673lm/ft) 90lm/W	3690lm/m (1125lm/ft) 90lm/W	1911lm/m (582lm/ft) 91lm/W
<b>Clear Cover 30°</b>	5124lm/m (1562lm/ft) 84lm/W	3444lm/m (1050lm/ft) 84lm/W	1785lm/m (544lm/ft) 85lm/W
<b>Clear Cover 60°</b>	5917lm/m (1804lm/ft) 97lm/W	3977lm/m (1212lm/ft) 97lm/W	2058lm/m (627lm/ft) 98lm/W
<b>Clear Cover Spread lens</b>	5368lm/m (1636lm/ft) 88lm/W	3608lm/m (1100lm/ft) 88lm/W	1869lm/m (570lm/ft) 89lm/W
<b>Clear Cover No Lens</b>	4392lm/m (1339lm/ft) 72lm/W	2952lm/m (900lm/ft) 72lm/W	1533lm/m (467lm/ft) 73lm/W
<b>Clear Cover + Micro Louvre</b>	-60% Output when combined with Cover and Lens options	-60% Output when combined with Cover and Lens options	-60% Output when combined with Cover and Lens options
<b>Wattage</b>	61W/m (18.59W/ft)	41W/m (12.49W/ft)	21W/m (6.4W/ft)
<b>Dimension</b>	H48.9/W52.2/L210-1010mm (H1.93/W2.06/L8.27-39.76")	H48.9/W52.2/L210-1010mm (H1.93/W2.06/L8.27-39.76")	H48.9/W52.2/L210-1010mm (H1.93/W2.06/L8.27-39.76")
<b>PCB Cut-point</b>	100mm (3.94")	100mm (3.94")	100mm (3.94")
<b>LED Pitch</b>	33mm – 30LED/m (1.30" – 9.1LED/ft)	50mm – 20LED/m (1.9" – 6.1LED/ft)	100mm – 10LED/m (3.94" – 3LED/ft)
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> Max = 57°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 70°C)	T <sub>a</sub> = -25 to 55°C (T <sub>c</sub> Max = 67°C)



## Mounting methods



KKSG-02  
Ground box



## Detail shots



1



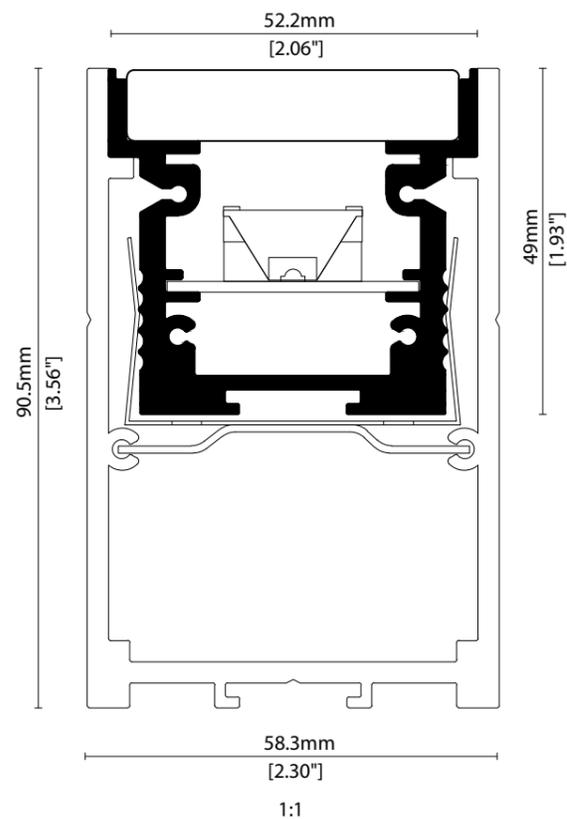
2



3



4



1. Rear cable exit inside ground box
2. 33mm lensed LED array with clear glass cover
3. Robust anodised aluminium and toughened glass construction with ground box
4. 100mm LED pitch

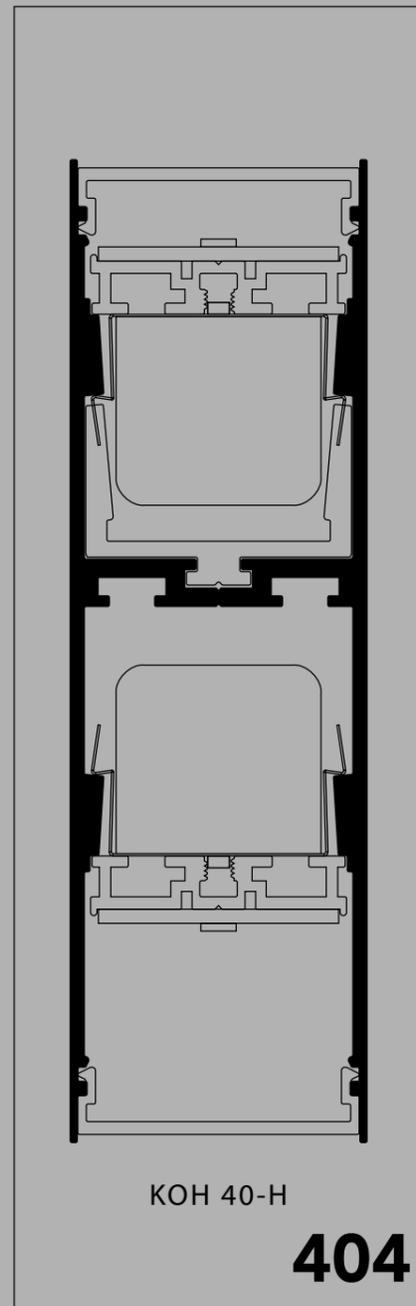
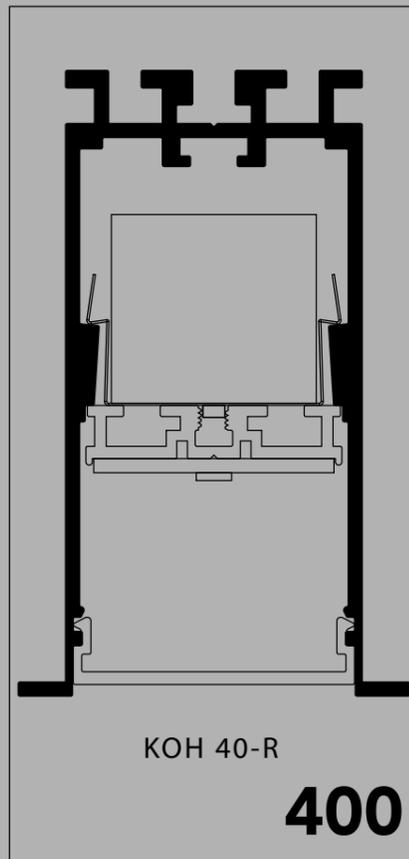
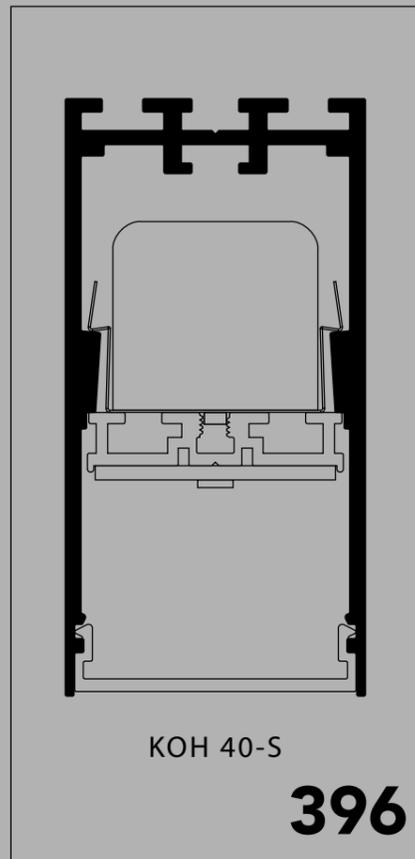
**Project:** Toorak Residence, Australia  
**Lighting Design:** Glowing Structures  
**Architect:** Architecton  
**Photography:** Blue Tree Studio  
 KKDC Melbourne



18. KOH  
19. PIXEL

# SYSTEMS

# 18. KOH Series

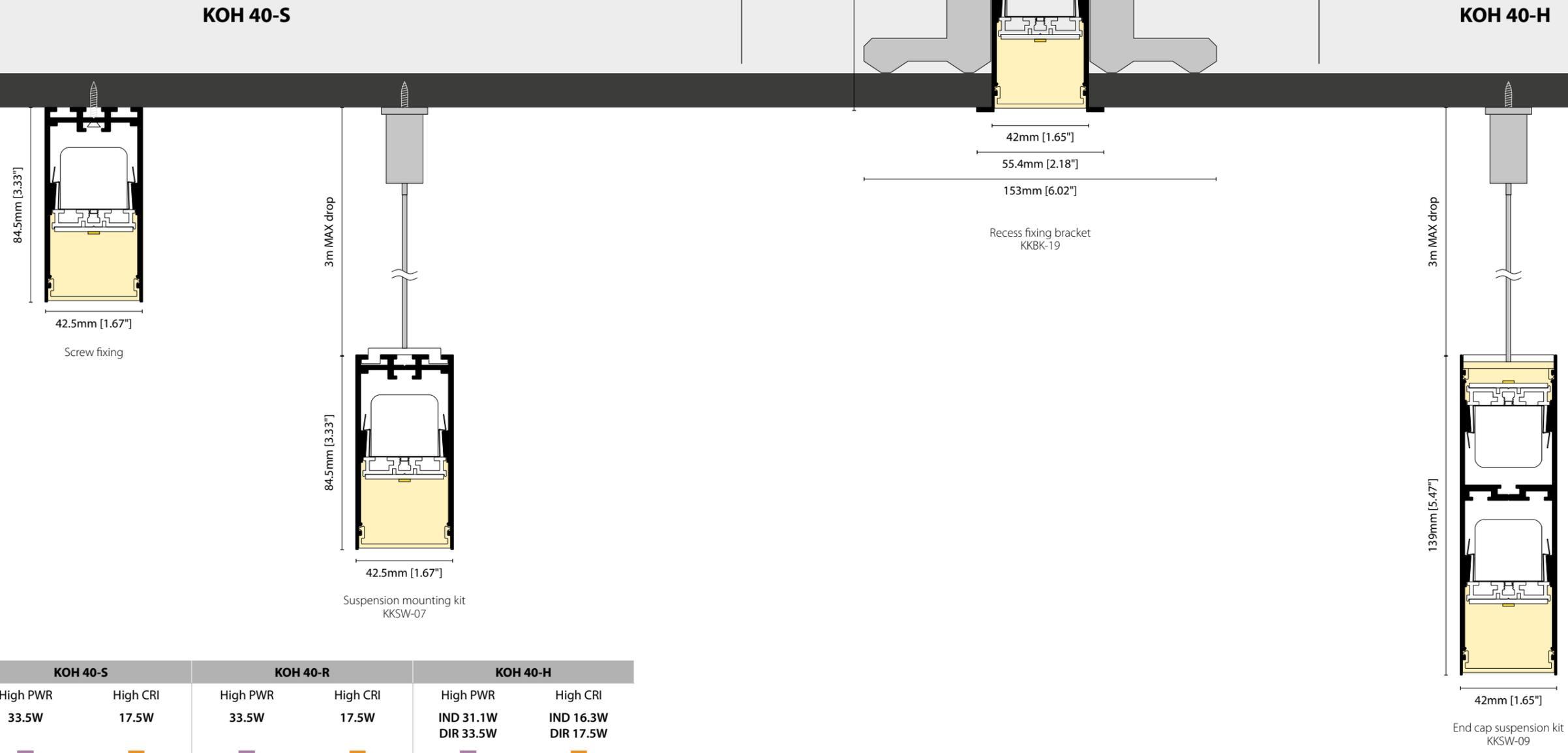


\*Profile drawings are 1:1 scale



Large linear general  
downlighting system with  
various power LED options  
with surface, recessed and  
suspended housing variants for  
direct/indirect lighting. Easy-  
fit plug and play LED modules  
due to integral power supplies.  
Choice of cover options, optic  
and dark-light louvres.

KOH



	KOH 40-S		KOH 40-R		KOH 40-H	
LED	High PWR	High CRI	High PWR	High CRI	High PWR	High CRI
W/m	33.5W	17.5W	33.5W	17.5W	IND 31.1W DIR 33.5W	IND 16.3W DIR 17.5W
Line						
IP	IP40	IP40	IP40	IP40	IP40	IP40
Cover & Optics	Diffused	■		■		■
	Louvre	■	■	■	■	■
	Spreader lens	■		■		■
	Prismatic		■		■	■
	10°	■		■		■
20°	■		■		■	
30°	■		■		■	



# KOH 40-S

KOH 40-S

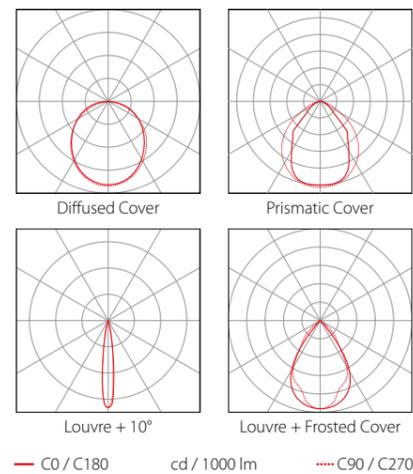


View online



## Housing Data

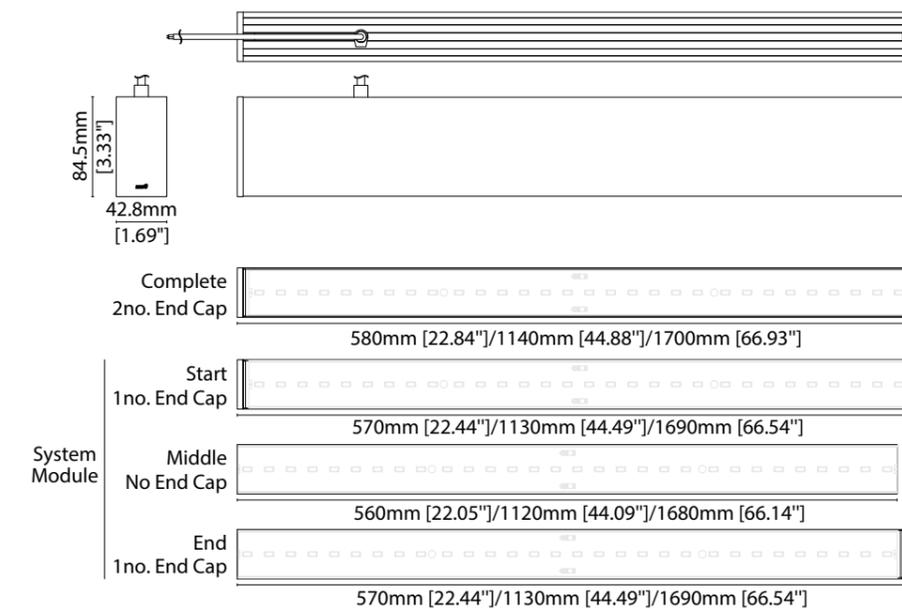
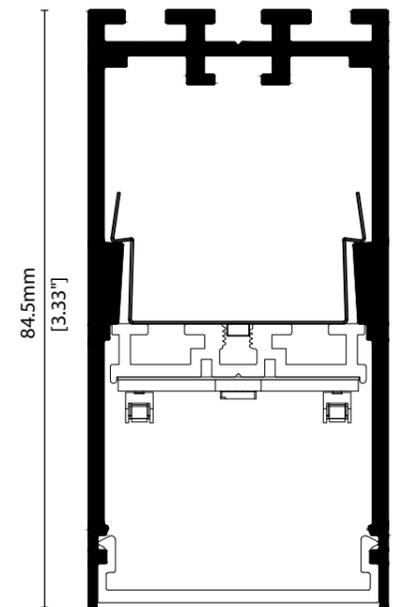
<b>Cover/Optics</b>	<b>High Power:</b> Louvre + (Frosted Cover/10°/20°/30°/ Spread Lens) <b>High CRI:</b> Diffused (130°)/Louvre (60°)/Prismatic cover
<b>CCT</b>	<b>High Power: h-line:</b> 2200K/2700K/3000K/3500K/4000K/ 5000K <b>High CRI: k-line:</b> 1900K/2100K/2300K/2500K/2700K/ 3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>High Power: h-line:</b> 4-step MacAdam Ellipse (5000K) <b>High CRI: k-line:</b> 3-step MacAdam Ellipse
<b>CRI</b>	<b>High Power:</b> ≥90 (2700K/3000K) ≥80 (2200K/3500/4000K) ≥75 (5000K) <b>High CRI:</b> ≥90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Matt Silver/Grey/White/Black/Bronze Powder Coated
<b>Mounting</b>	Surface mounting via screw fixing, suspended via suspension kit
<b>Power feed</b>	Male/female connectors
<b>Control</b>	0-10V/DALI (Integrated Power Supply)



## LED Data (Based on 3000K)



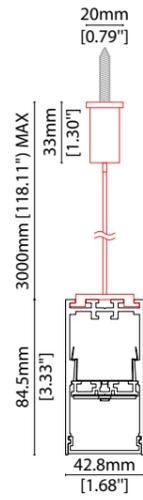
	h-	k-
<b>Diffused Cover</b>	n/a	990lm (560mm) 57lm/W
<b>Prismatic Cover</b>	n/a	1170lm (560mm) 67lm/W
<b>Louvre + Frosted Cover</b>	870lm (560mm) 27lm/W	480lm (560mm) 29lm/W
<b>Louvre + 10° Lens</b>	2190lm (560mm) 65lm/W	n/a
<b>Louvre + 20° Lens</b>	2150lm (560mm) 64lm/W	n/a
<b>Louvre + 30° Lens</b>	1890lm (560mm) 56lm/W	n/a
<b>Louvre + Spread Lens</b>	810lm (560mm) 24lm/W	n/a
<b>Wattage</b>	33.5W	17.5W
<b>Dimension</b>	H84.5/W42.8/L580-1700mm (H3.33/W1.68/L22.83-66.93")	H84.5/W42.8/L580-1700mm (H3.33/W1.68/L22.83-66.93")
<b>PCB Cut-point</b>	560/1120/1680mm (22.05/44.09/66.14")	560/1120/1680mm (22.05/44.09/66.14")
<b>Operating Temp</b>	T <sub>a</sub> = -20 to 45°C (T <sub>c</sub> Max = 62.9°C)	T <sub>a</sub> = -20 to 45°C (T <sub>c</sub> Max = 62.9°C)



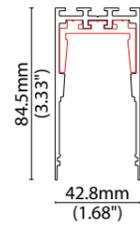
## Mounting methods



KKSU-07  
Suspension mounting kit



KKJT-03  
Joining bar



## Detail shots



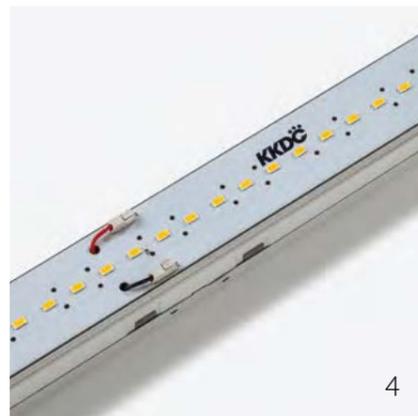
1



2



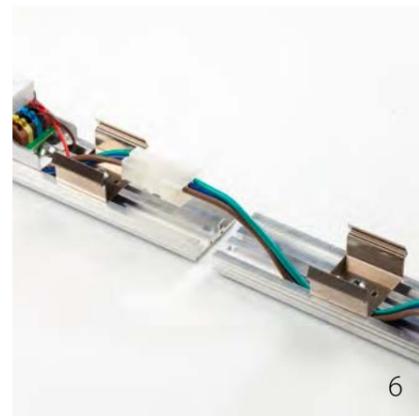
3



4



5



6

1. Diffused cover with suspension kit
2. Prismatic diffuser
3. Dark light deep louvres for glare reduction
4. High CRI power LED
5. LED module removal tool
6. M/F quick fit end to end linking LED modules with integral PSU



KKDC at Light + Building 2018

# KOH 40-R

KOH 40-R

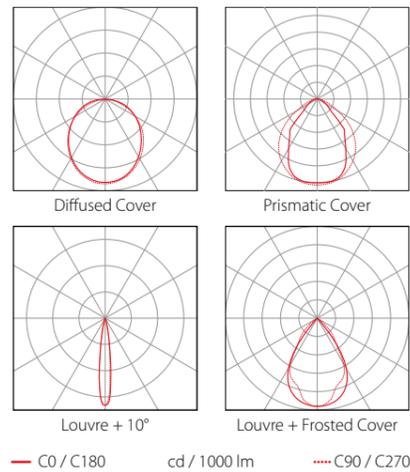


View online



## Housing Data

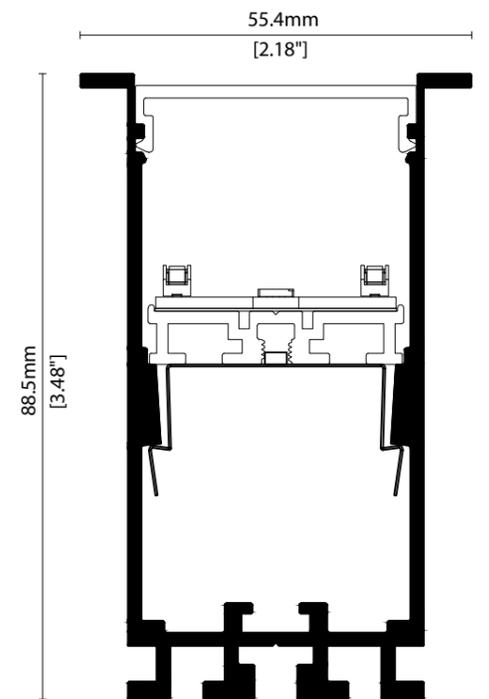
<b>Cover/Optics</b>	<b>High Power:</b> Louvre + (Frosted Cover/10°/20°/30°/ Spread Lens) <b>High CRI:</b> Diffused (130°)/Louvre (60°)/Prismatic cover
<b>CCT</b>	<b>High Power: h-line:</b> 2200K/2700K/3000K/3500K/4000K/5000K <b>High CRI: k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>High Power: h-line:</b> 3-step MacAdam Ellipse (4-step @5000K) <b>High CRI: k-line:</b> 3-step MacAdam Ellipse
<b>CRI</b>	<b>High Power:</b> ≥90 (2700K/3000K) ≥80 (2200K/3500/4000K) ≥75 (5000K) <b>High CRI:</b> ≥90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Matt Silver/Grey/White/Black/Bronze Powder Coated
<b>Mounting</b>	Recessed mounting via bracket
<b>Power feed</b>	Male/female connectors
<b>Control</b>	0-10V/DALI (Integrated Power Supply)



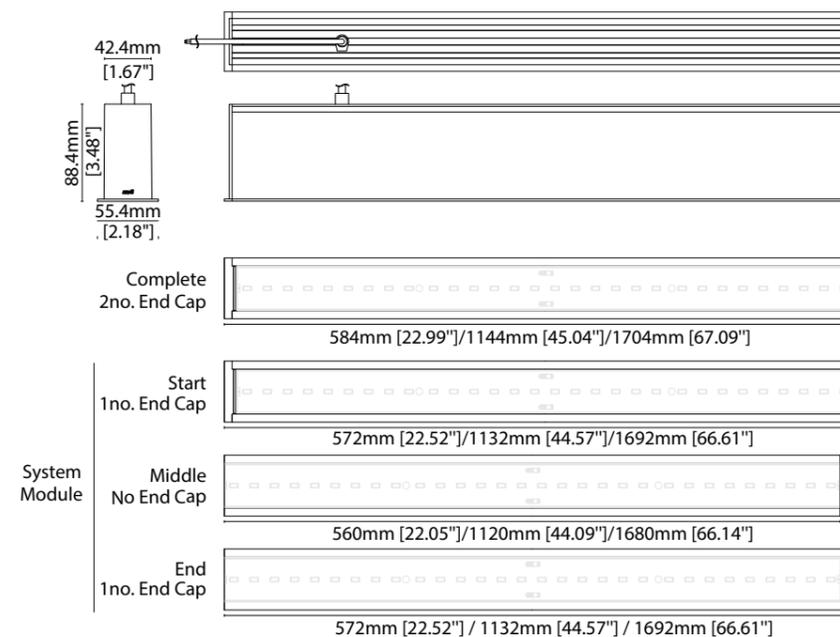
## LED Data (Based on 3000K)



	<b>h-</b>	<b>k-</b>
<b>Diffused Cover</b>	n/a	990lm (560mm) 57lm/W
<b>Prismatic Cover</b>	n/a	1170lm (560mm) 67lm/W
<b>Louvre + Frosted Cover</b>	870lm (560mm) 27lm/W	480lm (560mm) 29lm/W
<b>Louvre + 10° Lens</b>	2190lm (560mm) 65lm/W	n/a
<b>Louvre + 20° Lens</b>	2150lm (560mm) 64lm/W	n/a
<b>Louvre + 30° Lens</b>	1890lm (560mm) 56lm/W	n/a
<b>Louvre + Spread Lens</b>	810lm (560mm) 24lm/W	n/a
<b>Wattage</b>	33.5W	17.5W
<b>Dimension</b>	H88.5/W55.4/L584-1704mm (H3.48/W2.18/L22.99-67.09")	H88.5/W55.4/L584-1704mm (H3.48/W2.18/L22.99-67.09")
<b>PCB Cut-point</b>	560/1120/1680mm (22.05/44.09/66.14")	560/1120/1680mm (22.05/44.09/66.14")
<b>Operating Temp</b>	T <sub>a</sub> = -20 to 45°C (T <sub>c</sub> Max = 62.9°C)	T <sub>a</sub> = -20 to 45°C (T <sub>c</sub> Max = 62.9°C)



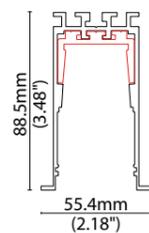
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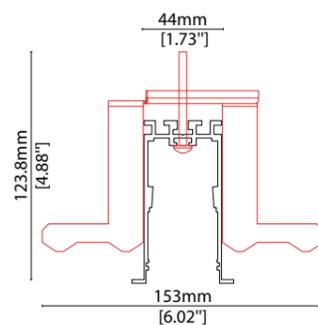
### Mounting methods



KKJT-03  
Joining bar



KKBK-19  
Fixing bracket



### Detail shots



1



2



3

- 1. Diffused push-fit cover
- 2. Dark light deep louvres
- 3. Anti-glare prismatic push-fit cover



# KOH 40-H

KOH 40-H

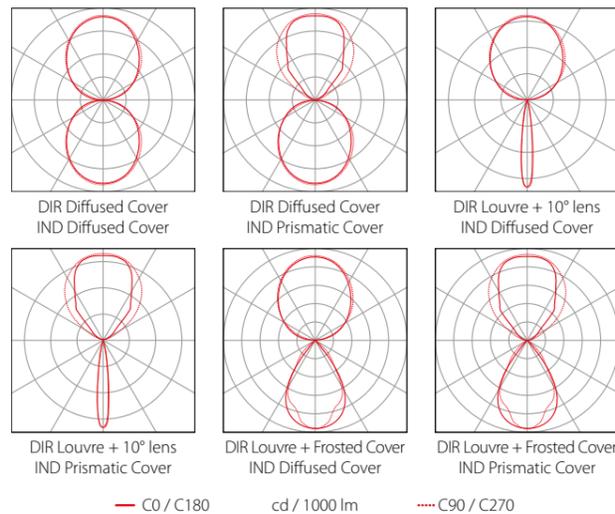


View online



## Housing Data

<b>Cover/Optics</b>	<b>High Power:</b> Louvre + (Frosted Cover/10°/20°/30°/ Spread Lens) <b>High CRI:</b> Diffused (130°)/Louvre (60°)/ Prismatic cover
<b>CCT</b>	<b>High Power: h-line:</b> 2200K/2700K/3000K/3500K/4000K/ 5000K <b>High CRI: k-line:</b> 1900K/2100K/2300K/2500K/2700K/ 3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>High Power: h-line:</b> 3-step MacAdam Ellipse (4-step @5000K) <b>High CRI: k-line:</b> 3-step MacAdam Ellipse
<b>CRI</b>	<b>High Power:</b> ≥90 (2700K/3000K) ≥80 (2200K/3500/4000K) ≥75 (5000K) <b>High CRI:</b> k-line : 3-step MacAdam Ellipse
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Matt Silver/Grey/White/Black/Bronze Powder Coated
<b>Mounting</b>	Suspended via suspension kit
<b>Power feed</b>	Male/female connectors
<b>Control</b>	0-10V/DALI (Integrated Power Supply)

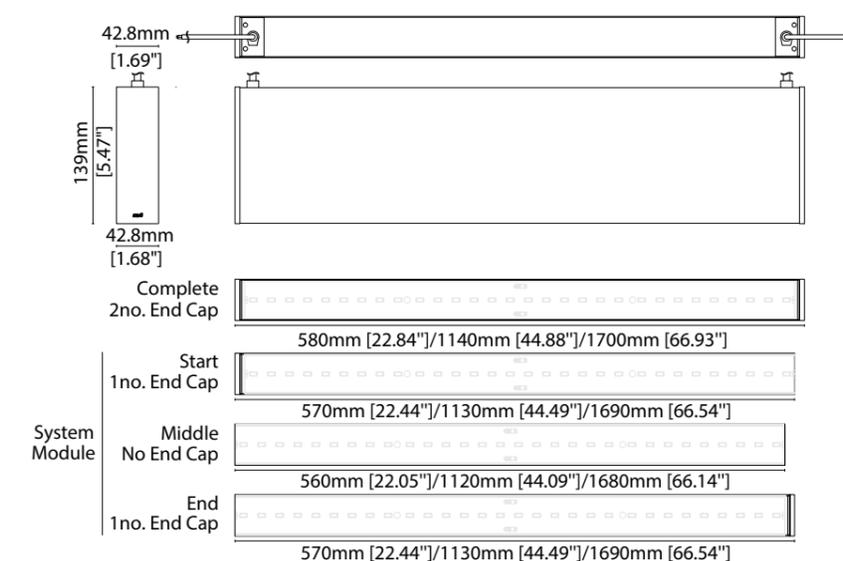
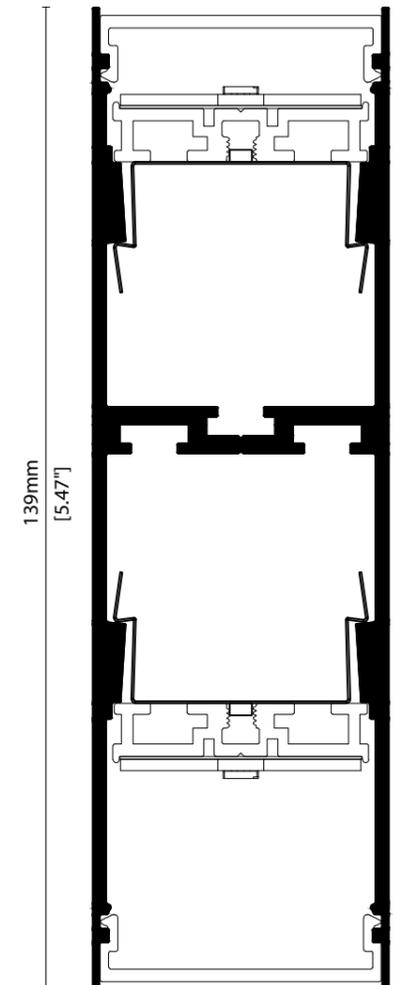


— C0 / C180      cd / 1000 lm      ..... C90 / C270

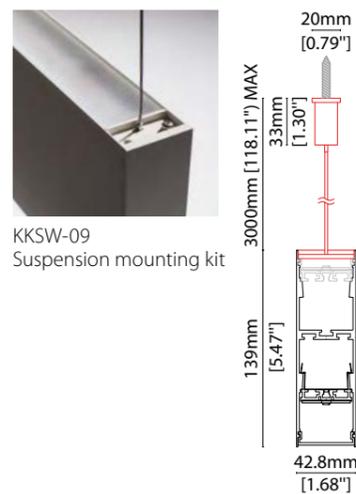
## LED Data (Based on 3000K)



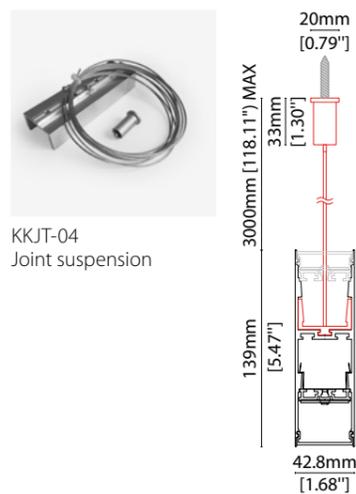
	<b>h-</b>	<b>k-</b>
<b>Diffused Cover (DIR)</b>	n/a	990lm (560mm) 57lm/W
<b>Prismatic Cover (DIR)</b>	n/a	1170lm (560mm) 67lm/W
<b>Louvre + Frosted Cover (DIR)</b>	870lm (560mm) 27lm/W	480lm (560mm) 29lm/W
<b>Louvre + 10° Lens (DIR)</b>	2190lm (560mm) 65lm/W	n/a
<b>Louvre + 20° Lens (DIR)</b>	2150lm (560mm) 64lm/W	n/a
<b>Louvre + 30° Lens (DIR)</b>	1890lm (560mm) 56lm/W	n/a
<b>Louvre + Spread Lens (DIR)</b>	810lm (560mm) 24lm/W	n/a
<b>Diffused Cover (IND)</b>	1830lm (520mm) 55lm/W	1170lm (520mm) 66lm/W
<b>Prismatic Cover (IND)</b>	2110lm (520mm) 63lm/W	2110lm (520mm) 63lm/W
<b>Wattage</b>	IND-31.1W/DIR-33.5W	IND-16.3W/DIR-17.5W
<b>Dimension</b>	H139/W42.8/L580-1700mm (H5.47/W1.68/L22.83-66.93")	H139/W42.8/L580-1700mm (H5.47/W1.68/L22.83-66.93")
<b>PCB Cut-point</b>	560/1120/1680mm (22.05/44.09/66.14")	560/1120/1680mm (22.05/44.09/66.14")
<b>Operating Temp</b>	T <sub>a</sub> = -20 to 45°C (T <sub>c</sub> Max = 62.9°C)	T <sub>a</sub> = -20 to 45°C (T <sub>c</sub> Max = 62.9°C)



## Mounting methods



KKS-09  
Suspension mounting kit



KKJT-04  
Joint suspension

## Detail shots



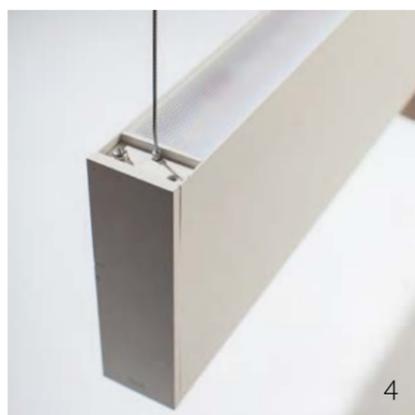
1



2



3



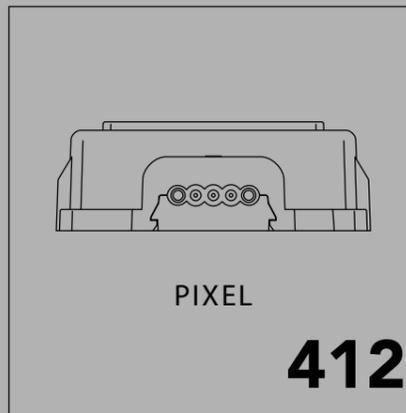
4

1. Diffused cover
2. Dark light louvres
3. Anti-glare prismatic cover
4. End suspension cable with prismatic indirect lighting cover

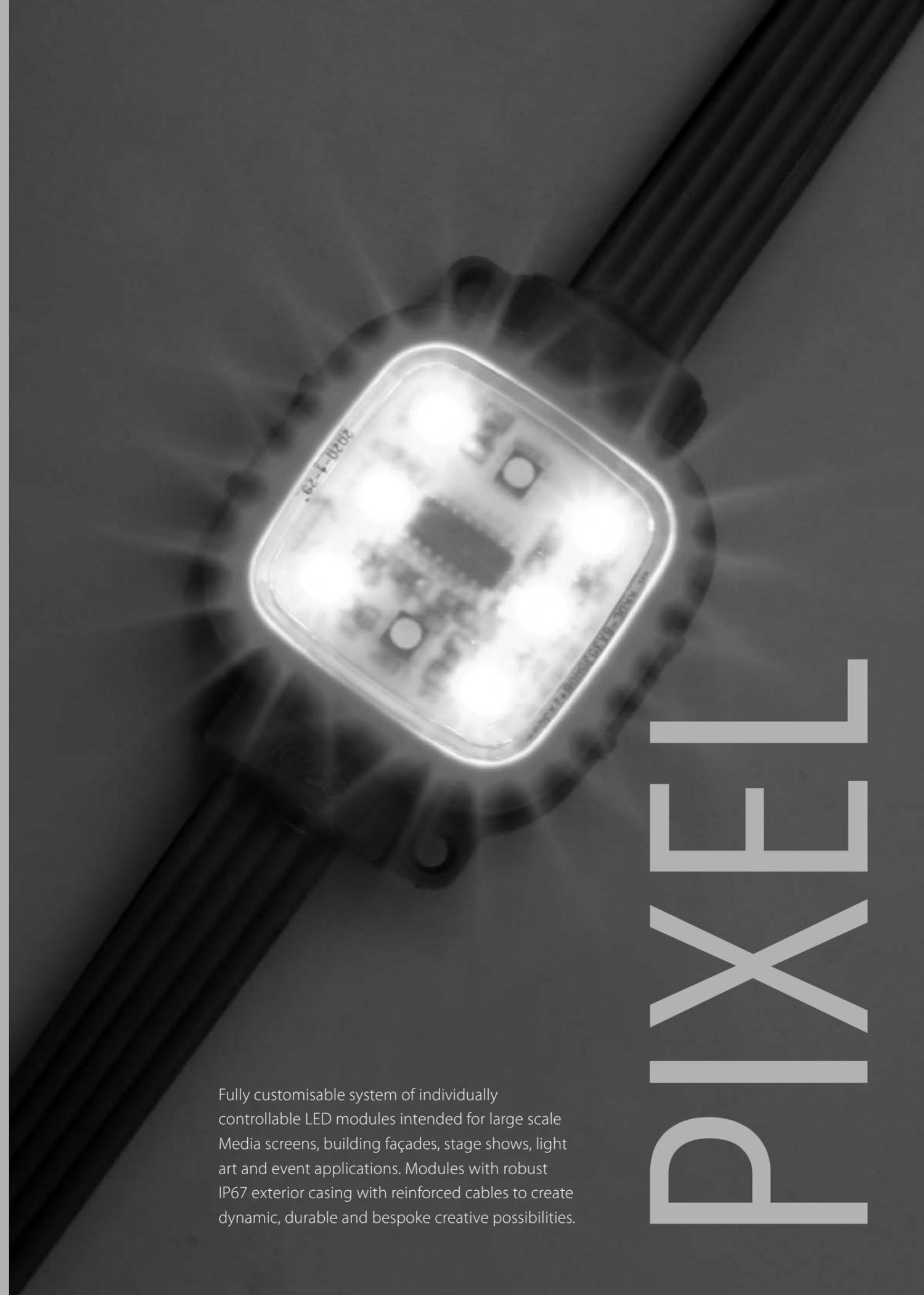


**Project:** Shindengen Asaka office, Japan  
**Lighting Design:** STYLE MATEC., Ltd  
**Photography:** Kawasumi Kobayashi Kenji  
 Photograph Office  
 KKDC Kyoto

## 19. PIXEL

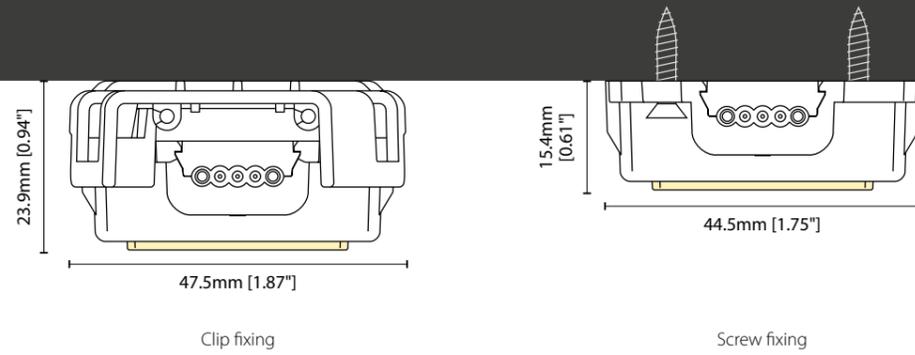


\*Profile drawings are 1:1 scale



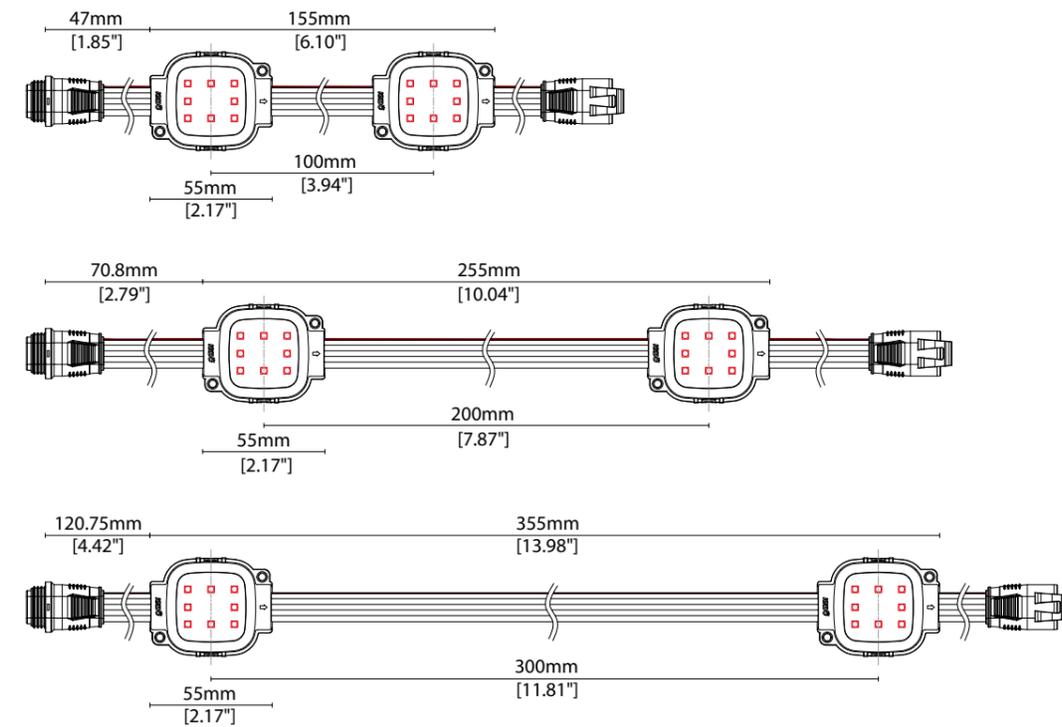
Fully customisable system of individually controllable LED modules intended for large scale Media screens, building façades, stage shows, light art and event applications. Modules with robust IP67 exterior casing with reinforced cables to create dynamic, durable and bespoke creative possibilities.

## PIXEL Matrix

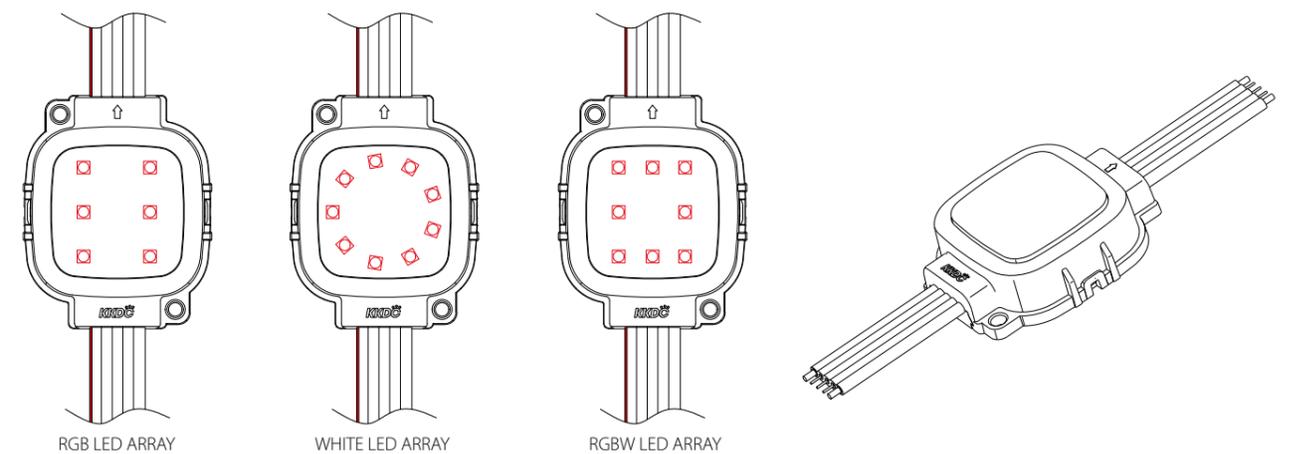


	PIXEL Matrix		
LED	White	RGBW	RGB
Line	n/a		
IP	IP67	IP67	IP67
Cover & Optics	Clear	Clear	Clear

## PIXEL pitch options



## LED array pattern

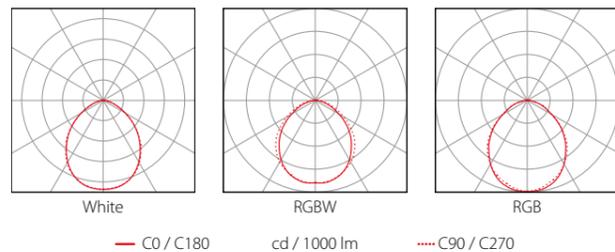


# PIXEL Matrix



## Housing/LED Data

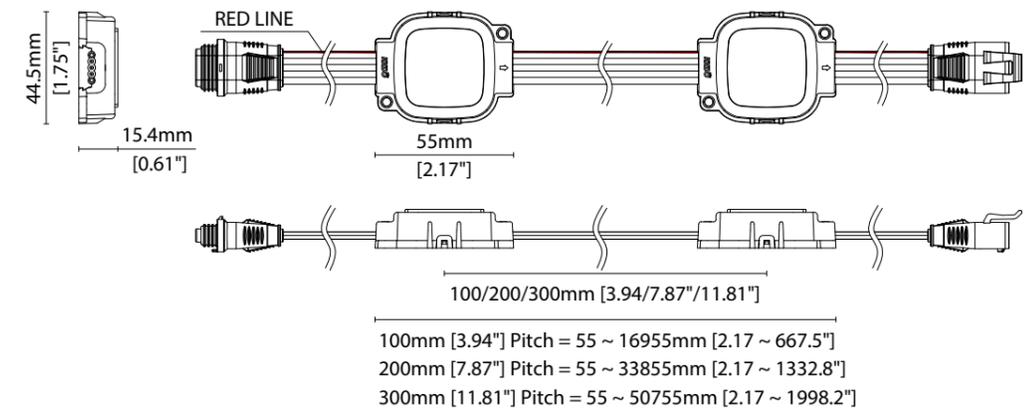
<b>Cover/Optics</b>	Clear (120°)
<b>CCT</b>	3000K/5000K
<b>LED binning</b>	White: 3-step MacAdam ellipse
<b>CRI</b>	≥80
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP67
<b>Finish</b>	Black/Grey
<b>Mounting</b>	Screw fixing/Clips
<b>Connection</b>	PIXEL to DMX512 device: 3pin or 5pin XLR connector
<b>Control</b>	Cluster system via DMX512 (Speak to KKDC for further details)



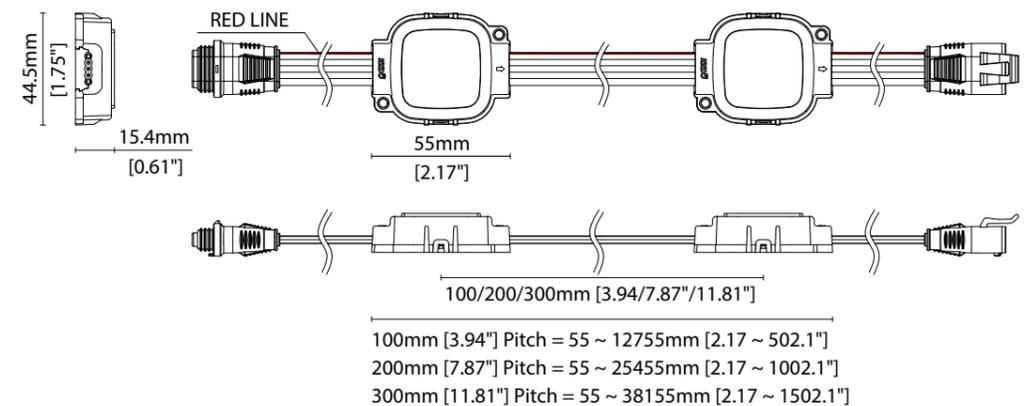
## LED Data (Based on 3000K)

	PIXEL Matrix White	PIXEL Matrix RGBW	PIXEL Matrix RGB
<b>Clear Cover</b>	132lm/Module 80lm/W	54lm/Module 34lm/W	Red: 9lm/module Green: 25lm/module Blue: 6lm/module RGB: 40lm/module
<b>Wattage</b>	1.65W/Module	1.6W/Module	1.3W/Module
<b>Dimension</b>	H15.4/W44.5/L55mm (H0.61/W1.75/L2.17")	H15.4/W44.5/L55mm (H0.61/W1.75/L2.17")	H15.4/W44.5/L55mm (H0.61/W1.75/L2.17")
<b>Module Pitch</b>	100/200/300mm (3.94/7.87/11.81")	100/200/300mm (3.94/7.87/11.81")	100/200/300mm (3.94/7.87/11.81")
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 66°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 66°C)	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 66°C)

## RGB/White



## RGBW



Detail shots



1



2



3



4

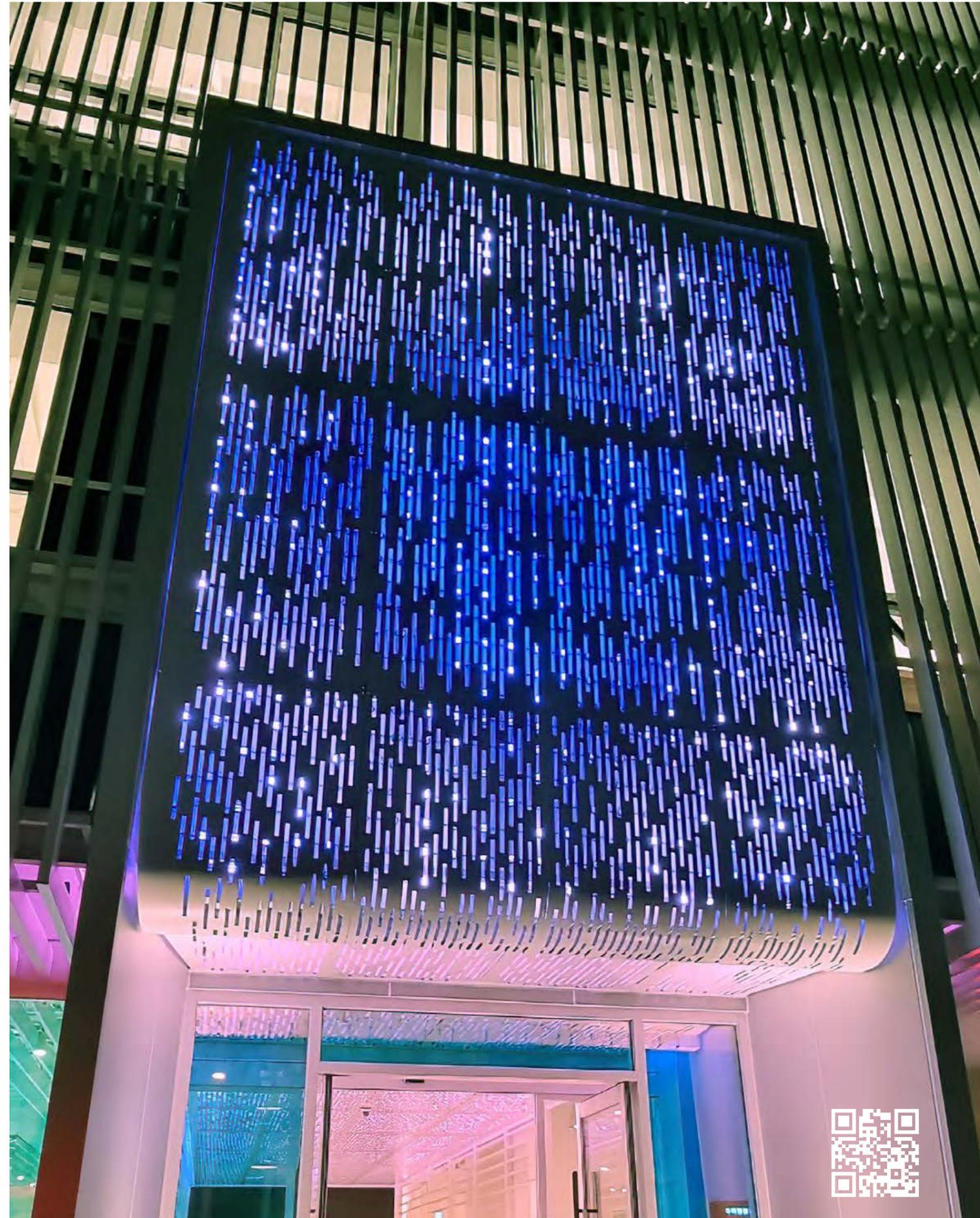
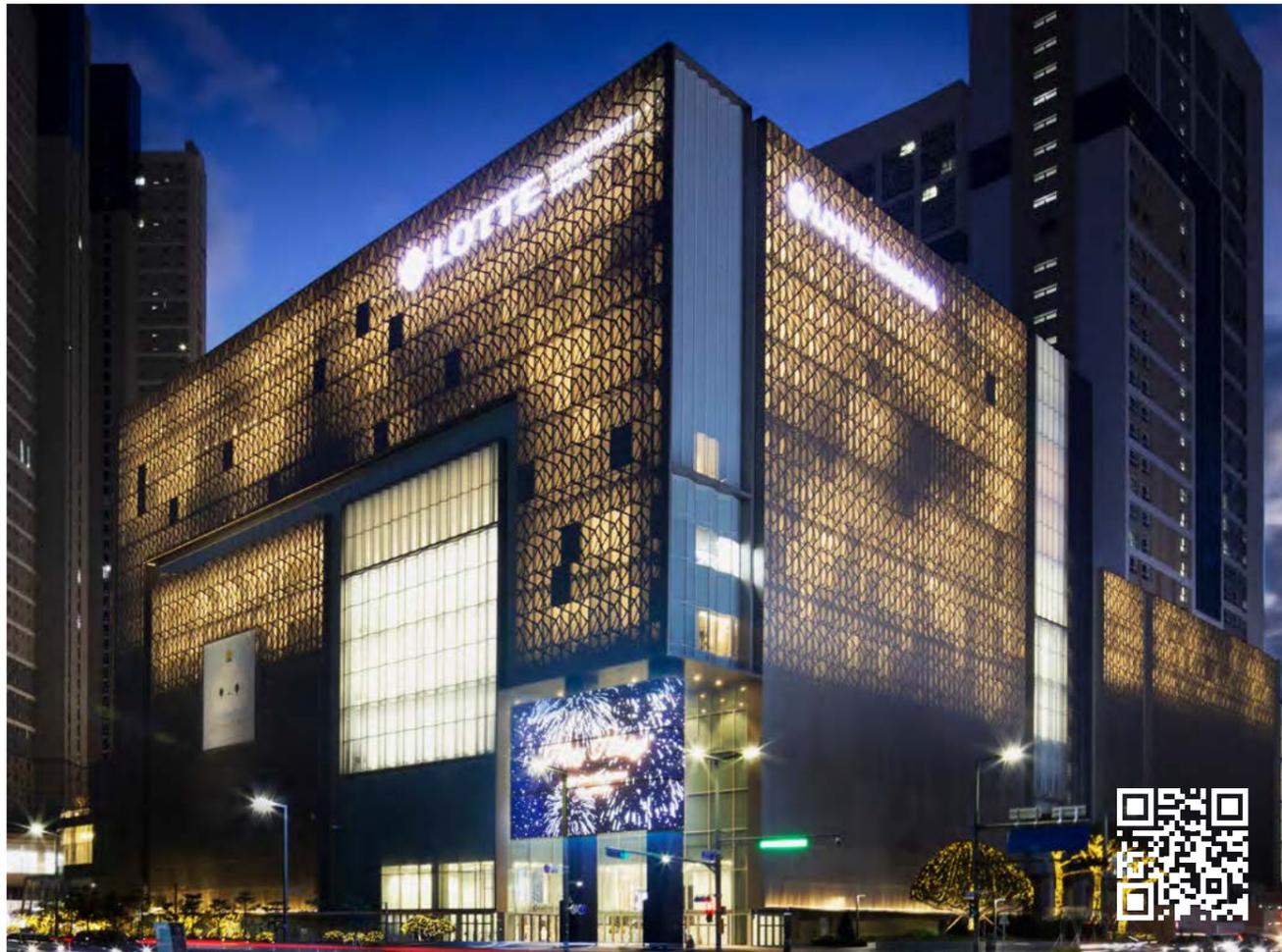


5

1. RGBW LED array with gray housing
2. Black ABS housing
3. Grey ABS housing
4. RGB LED array, red illumination
5. KKCK-01 surface clip bracket

**Right**  
**Project:** Nonhyeon MBC Building  
**Lighting Design:** ZUD Corp, Tae Hyeon Kim  
**Architect:** Kukbo Interior  
 KKDC Korea

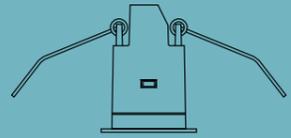
**Below**  
**Project:** Lotte Department Store, Dongtan  
**Lighting Design:** Lumineux co., Ltd.  
**Photography:** YU Paik  
 KKDC Korea



- 20. LINI Spot
- 21. PUK
- 22. TAYO

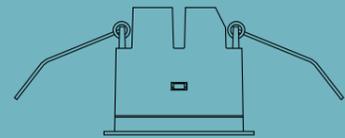
# SPOTS

## 20. LINI Spot Series



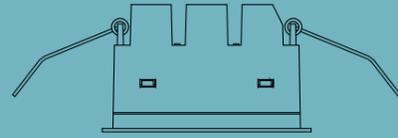
LINI XL Spot Recessed  
1R

**422**



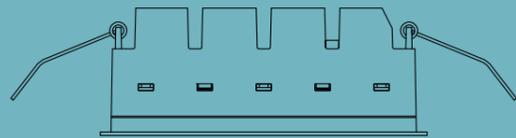
LINI XL Spot Recessed  
2R

**422**



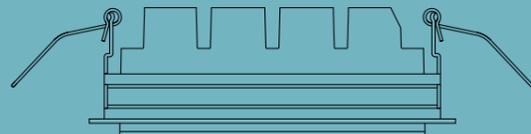
LINI XL Spot Recessed  
3R

**422**



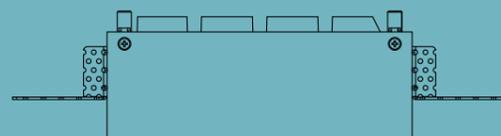
LINI XL Spot Recessed  
5R

**422**



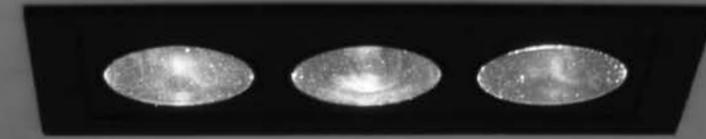
LINI XL Spot Recessed  
5R Adjustable

**422**



LINI XL Spot Trimless 5T

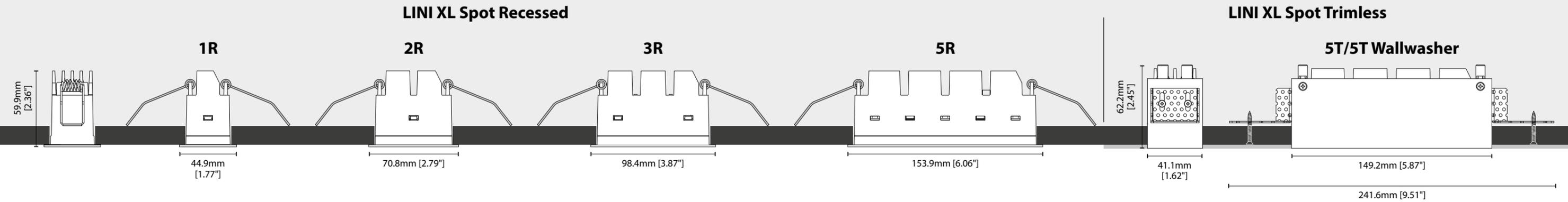
**426**



spot  
LINI

Compact square or rectangular recessed general downlighting range with medium or wide beam lensed power LEDs. Premium white or black painted finish with directional and trimless variants available.

# LINI Spot



	LINI XL Spot Recessed						LINI XL Spot Trimless	
LED	1R	2R	3R	5R	5R Adjust	5R Wash	5T	5T Wash
W/m	2W	4W	7W	11W	11W	11W	11W	11W
Line	h-	h-	h-	h-	h-	h-	h-	h-
IP	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Cover & Optics	Reflector					■		■
	24°	■	■	■	■	■	■	■
	40°	■	■	■	■	■	■	■

# LINI XL Spot Recessed



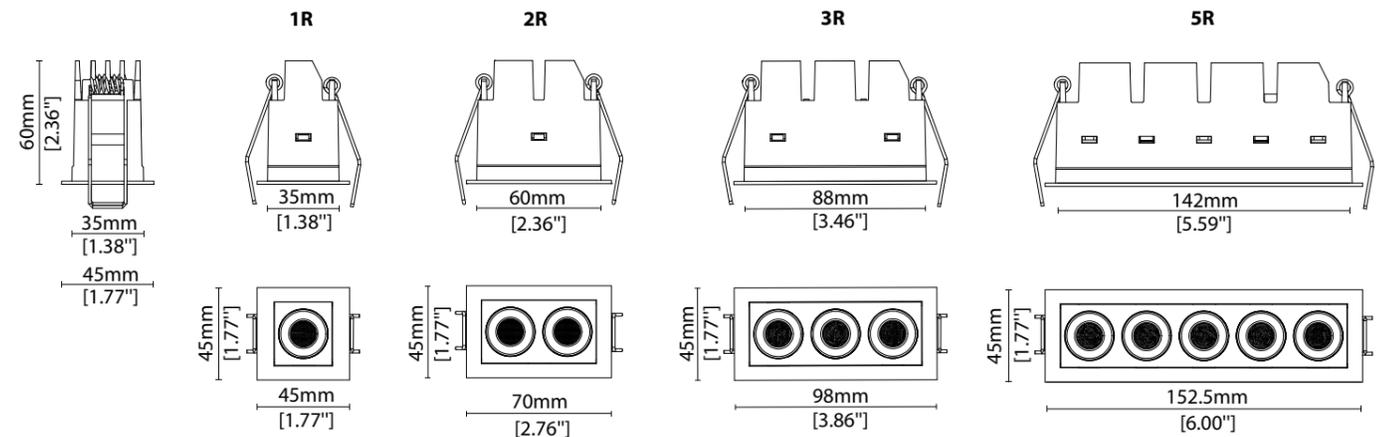
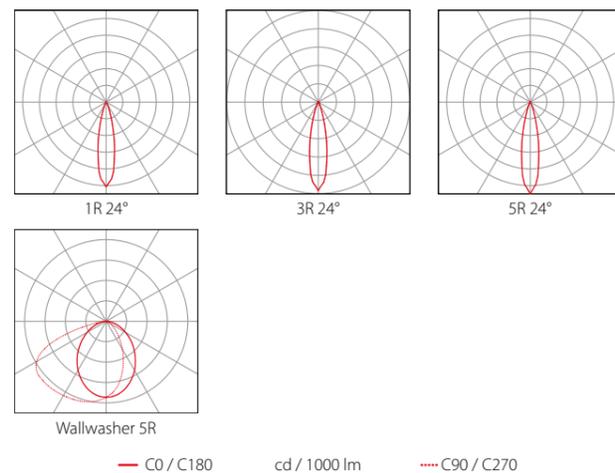
## LED Data (Based on 3000K)

	LINI XL Spot 1R	LINI XL Spot 2R	LINI XL Spot 3R	LINI XL Spot 5R	LINI XL Spot 5R (Adjustable)	LINI XL Spot Wallwasher 5R
<b>24° Lens</b>	140lm/module 70lm/W	300lm/module 75lm/W	450lm/module 64lm/W	750lm/module 68lm/W	750lm/module 68lm/W	n/a
<b>40° Lens</b>	140lm/module 70lm/W	300lm/module 75lm/W	450lm/module 64lm/W	750lm/module 68lm/W	750lm/module 68lm/W	n/a
<b>Reflector</b>	n/a	n/a	n/a	n/a	n/a	500lm/module 45lm/W
<b>Wattage</b>	2W	4W	7W	11W	11W	11W
<b>Supply Voltage</b>	3.5V	6.5V	10V	16V	16V	16V
<b>Dimension</b>	H60/W45/D45mm (H2.36/W1.77/ D1.77")	H60/W45/D70mm (H2.36/W1.77/ D2.76")	H60/W45/D98mm (H2.36/W1.77/ D3.86")	H60/W45/ D152.5mm (H2.36/W1.77/ D6.00")	H60/W70/D171mm (H2.36/W2.76/ D6.73")	H59.7/W44.4/ D152.5mm (H2.35/W1.75/ D6.00")
<b>LED pitch</b>	n/a	27.5mm (1.08")				
<b>Operating Temp</b>	T <sub>a</sub> = -20 to 40°C (T <sub>c</sub> Max = 80°C)	T <sub>a</sub> = -20 to 40°C (T <sub>c</sub> Max = 80°C)	T <sub>a</sub> = -20 to 40°C (T <sub>c</sub> Max = 80°C)	T <sub>a</sub> = -20 to 40°C (T <sub>c</sub> Max = 80°C)	T <sub>a</sub> = -20 to 40°C (T <sub>c</sub> Max = 80°C)	T <sub>a</sub> = -20 to 40°C (T <sub>c</sub> Max = 80°C)



## Housing Data

<b>Cover/Optics</b>	<b>1R/2R/3R/5R:</b> 24° or 40° lens with black reflector
	<b>5R Adjustable:</b> Adjustable type (±20°), 24° or 40° lens with black reflector
	<b>5R Wallwasher:</b> Matt reflector 92.5°
<b>CCT</b>	2700K/3000K/4000K
<b>LED binning</b>	3-step MacAdam ellipse
<b>CRI</b>	90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP20
<b>Finish</b>	Matt white/Black paint
<b>Mounting</b>	Recessed mounting
<b>Power feed</b>	Single IP20 Connector
<b>Control</b>	Constant current



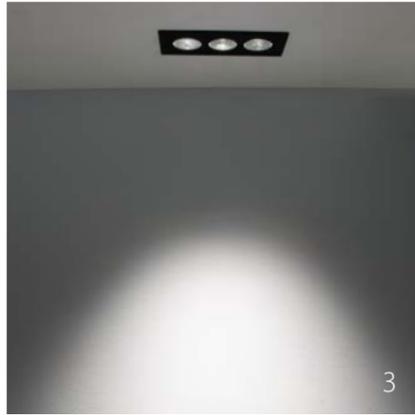
Detail shots



1



2



3



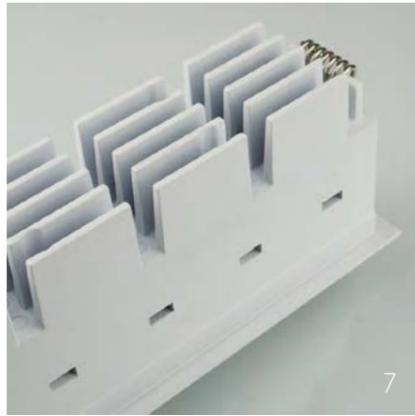
4



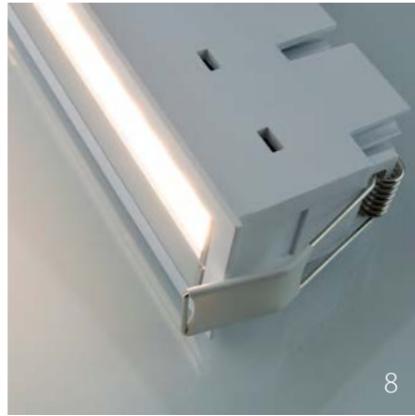
5



6



7



8



- 1. 1R single recessed spotlight
- 2. 2R recessed double spotlight recessed in ceiling
- 3. 3R triple recessed spotlight in black paint finish
- 4. Asymmetric reflector for wallwashing
- 5. 1R single fixed downlight with square bezel
- 6. 5R adjustable downlight spot array
- 7. Housing with heat-sink cooling fins
- 8. Spring fixing for hollow ceiling recessing

# LINI XL Spot Trimless



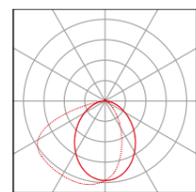
## LED Data (Based on 3000K)

	LINI XL Spot Trimless 5T	LINI XL Spot Trimless Wallwasher 5T
		
<b>24° Lens</b>	750lm/module 68lm/W	n/a
<b>40° Lens</b>	750lm/module 68lm/W	n/a
<b>Reflector</b>	n/a	500lm/module 45lm/W
<b>Wattage</b>	11W	11W
<b>Supply voltage</b>	16V	16V
<b>Dimension</b>	H62/W41/D242(150)mm (H2.44/W1.61/D9.51(5.87"))	H62.5/W41.1/D241.6(149.2)mm (H2.46/W1.61/D9.51(5.87"))
<b>LED Pitch</b>	27.5mm (1.08")	12.95mm (0.51")
<b>Operating Temp</b>	T <sub>a</sub> = -20 to 40°C (T <sub>c</sub> Max = 80°C)	T <sub>a</sub> = -20 to 40°C (T <sub>c</sub> Max = 80°C)

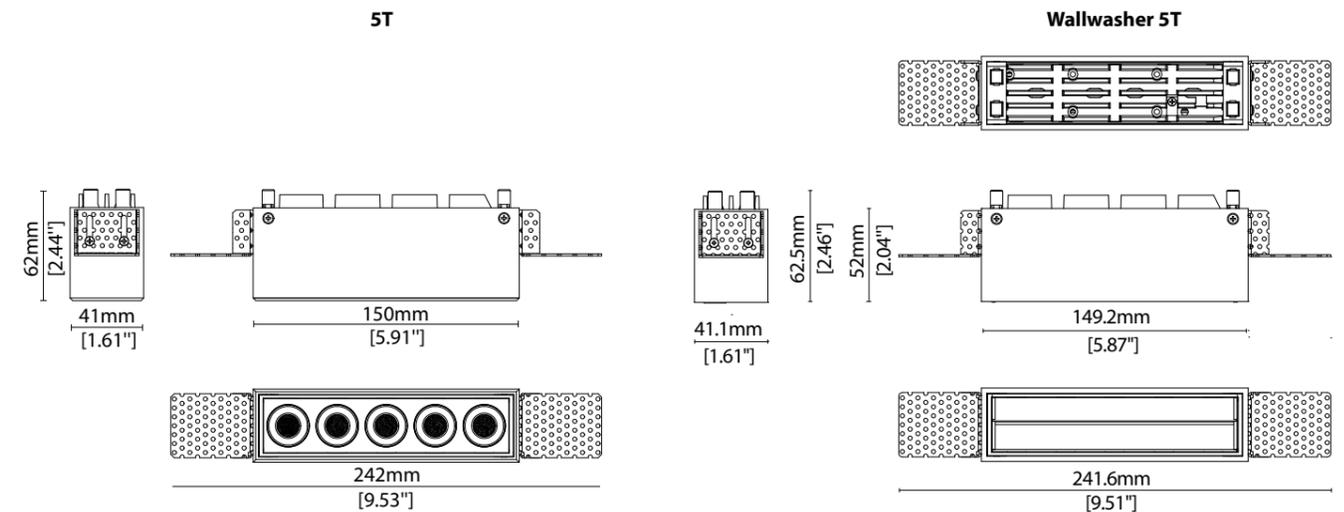


## Housing Data

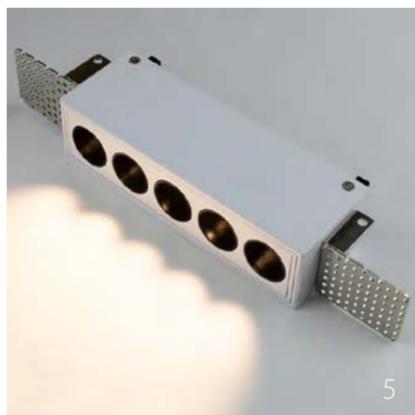
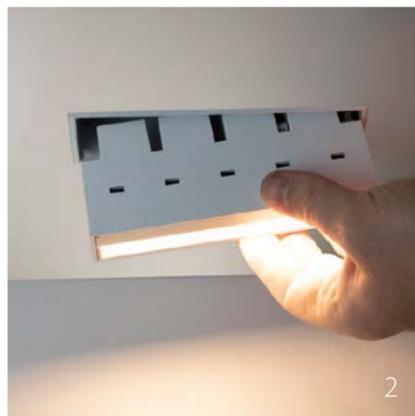
<b>Cover/Optics</b>	<b>5T:</b> 24° or 40° lens with black reflector <b>5T Wallwasher:</b> Matt reflector 92.5°
<b>CCT</b>	2700K/3000K/4000K
<b>LED binning</b>	3-step MacAdam ellipse
<b>CRI</b>	90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP20
<b>Finish</b>	Matt white/Black paint
<b>Mounting</b>	Recessed mounting, Trimless type
<b>Power feed</b>	Single IP20 Connector
<b>Control</b>	Constant current



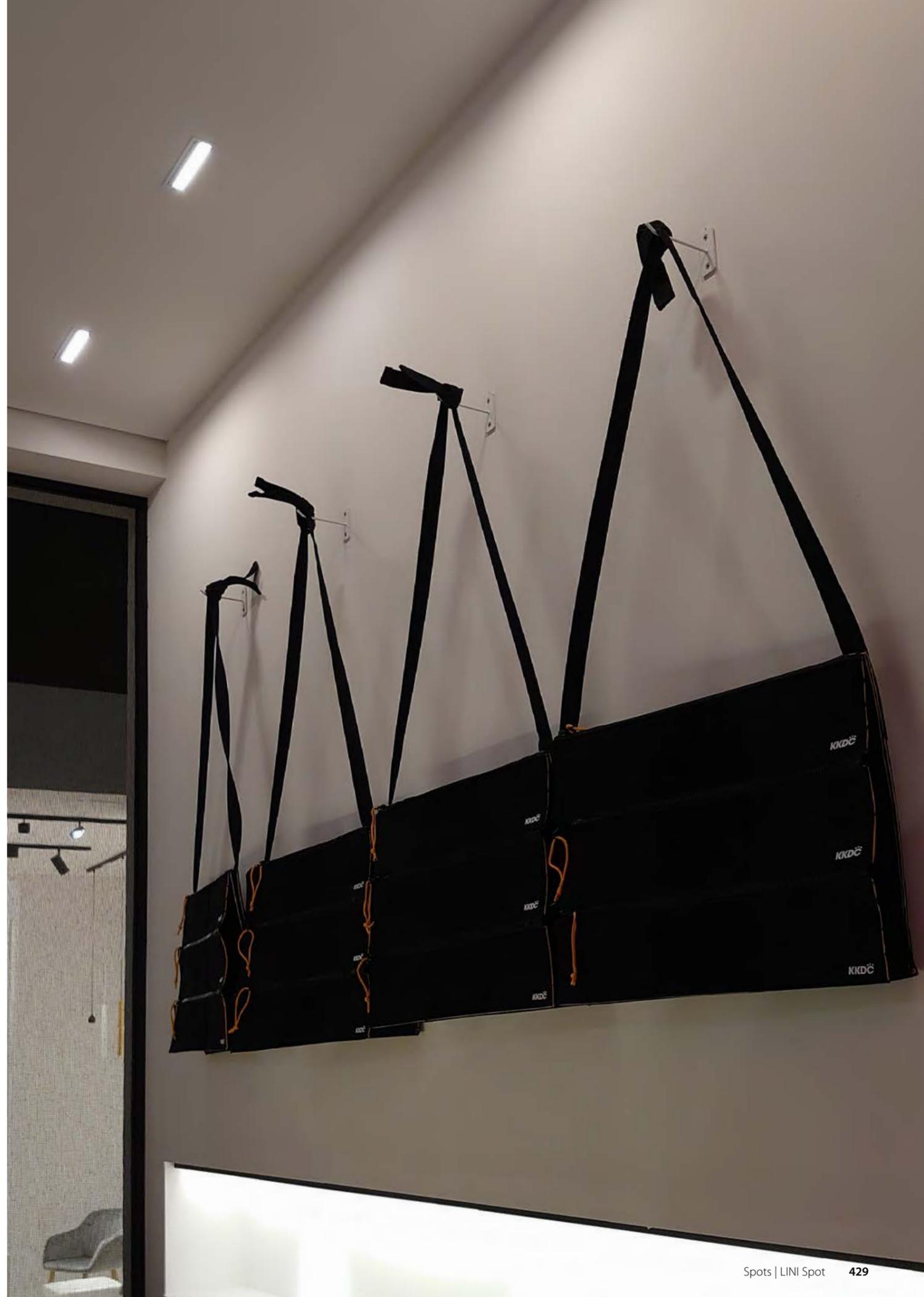
Wallwasher 5T  
— C0 / C180 — C90 / C270  
cd / 1000 lm



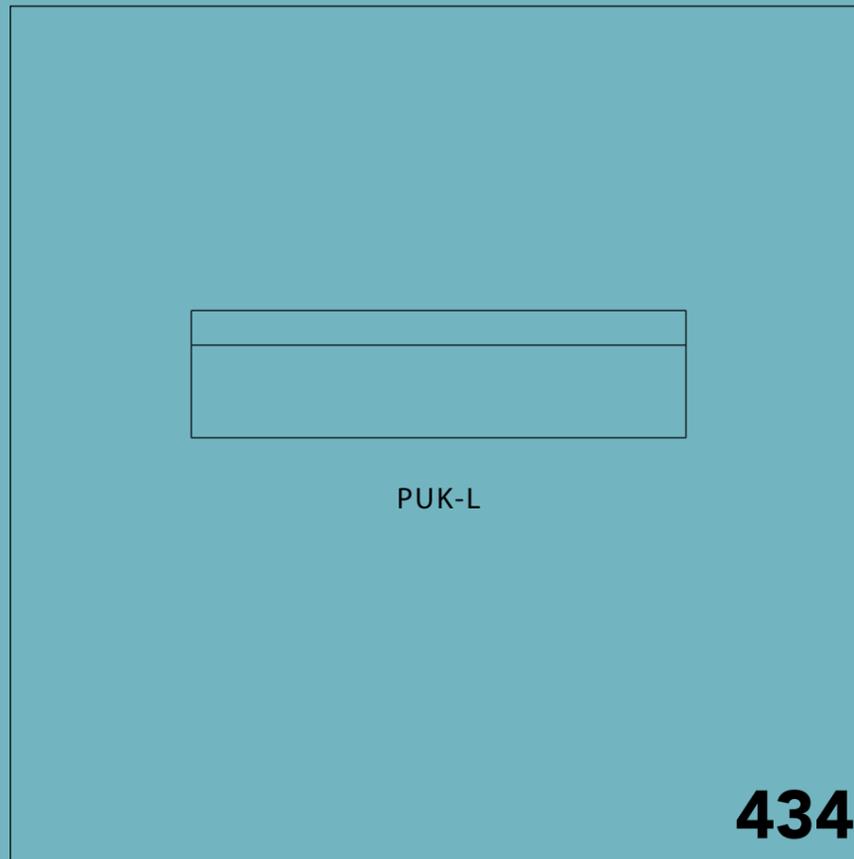
Detail shots



- 1. 5T Wallwasher with asymmetric reflector design
- 2. First-fix trimless plaster frame with push-fit housing
- 3. 5T Wallwasher recessed in ceiling
- 4. Trimless mounting frame with aluminium screw-fixing wings
- 5. LST spotlight array with trimless housing



## 21. PUK



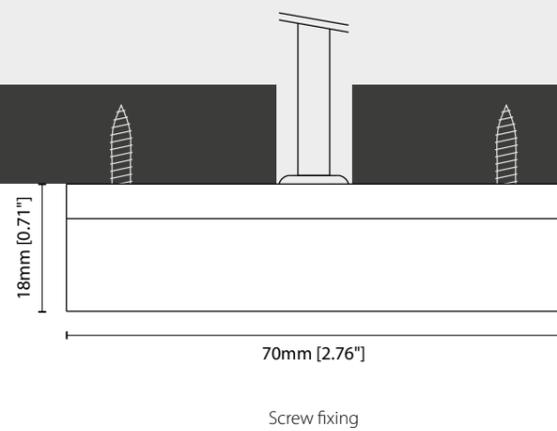
\*Profile drawings are 1:1 scale

Low profile under-cabinet downlight with a high-quality precision machined aluminium housing. Diffused or clear covers with honeycomb louvre option.



# PUK

## PUK-L



	PUK-L	
LED	White	
W/m	3.6W	
Line		
IP	IP44	
Cover & Optics	Clear	■
	Diffused	■
	Honeycomb Louvre	■

# PUK-L

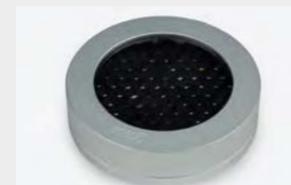
PUK-L



View online



## LED Data (Based on 3000K)



PUK-L

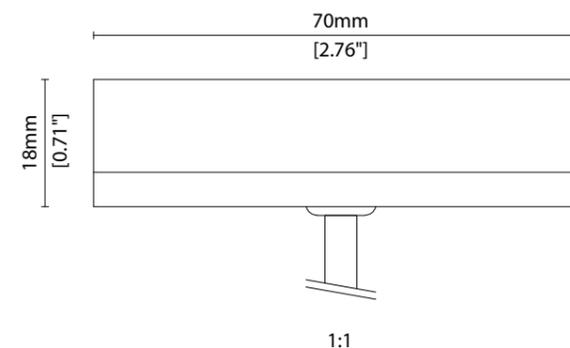
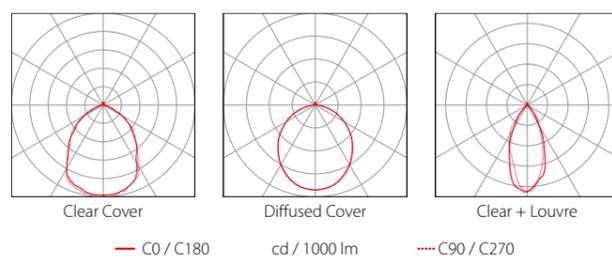


<b>Clear Cover</b>	190lm/module 53lm/W
<b>Diffused Cover</b>	150lm/module 41lm/W
<b>Clear Cover + Honeycomb louvre</b>	60lm/module 17lm/w
<b>Wattage</b>	3.6W
<b>Dimension</b>	H18/Ø70mm (H0.71/Ø2.76")
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> Max = 71.4°C)



## Housing Data

<b>Cover/Optics</b>	Clear (90°)/Diffused (115°)/Clear + Honeycomb louvre (45°)
<b>CCT</b>	<b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>k-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP44
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounted via screws (supplied)
<b>Power feed</b>	Single sheathed hardwire tail
<b>Control</b>	0-10V/1-10V/DMX/DALI



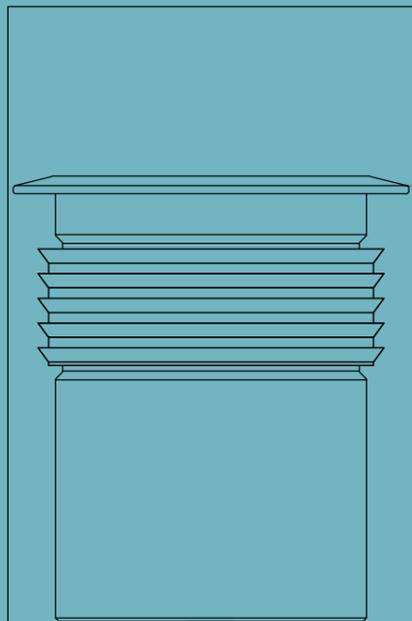
Detail shots



- 1. Homogenous fully diffused output
- 2. Rear cable exit and screw fix holes
- 3. Honey louvre accessory & clip

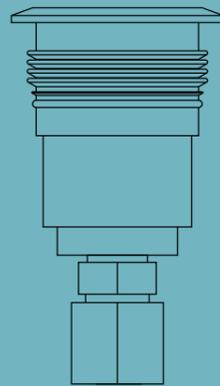


## 22. TAYO Series



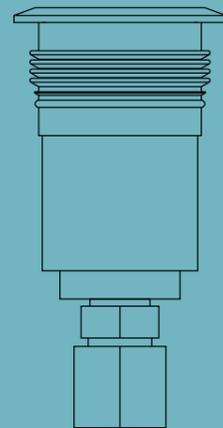
TAYO Spot

**442**



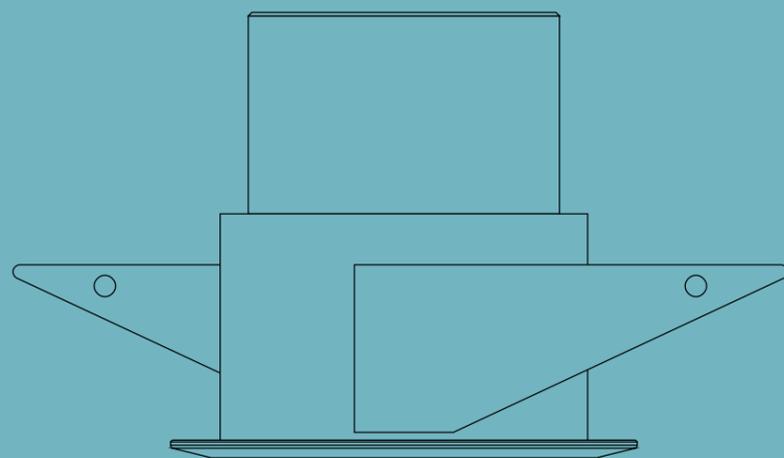
TAYO Micro  
Indoor

**446**



TAYO Micro  
Outdoor

**446**



TAYO Ceiling

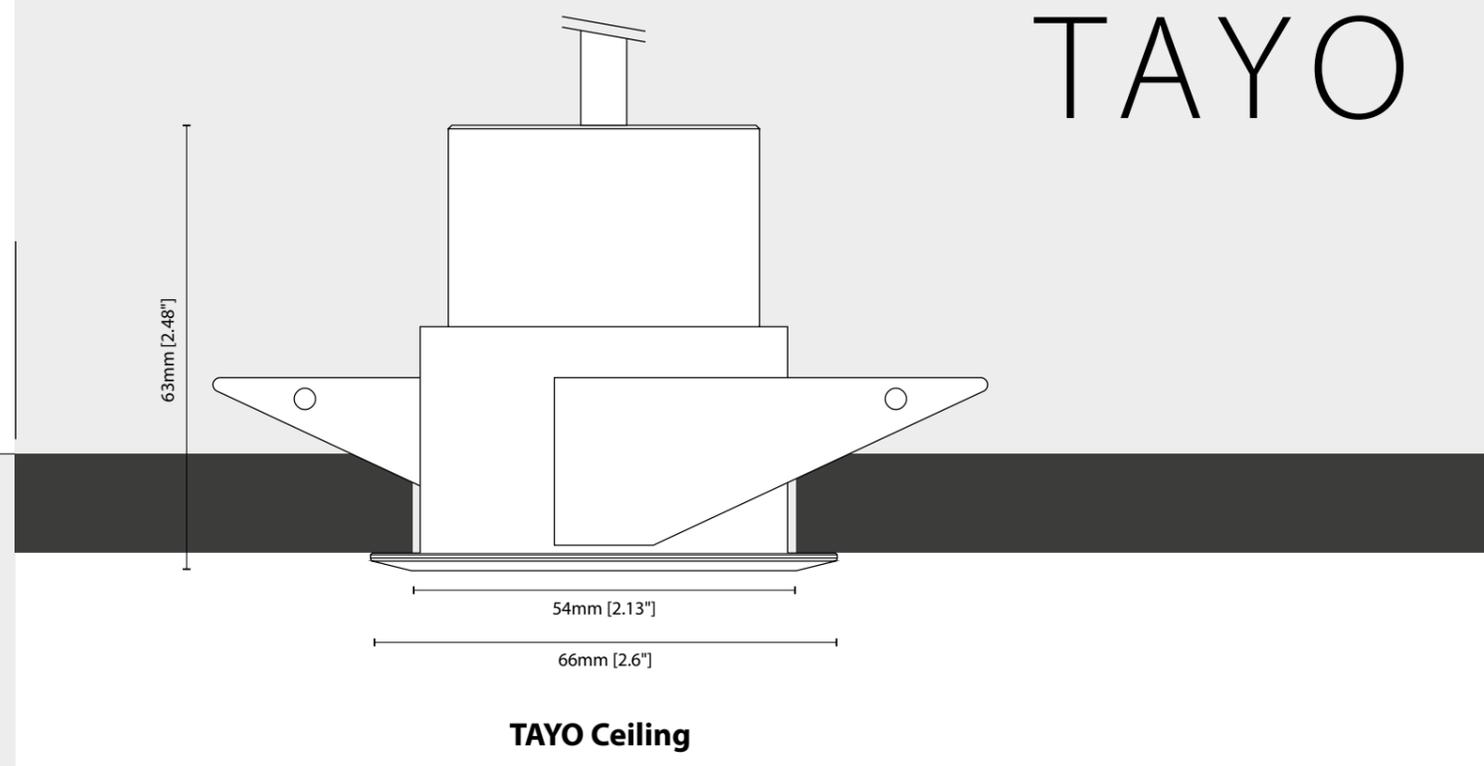
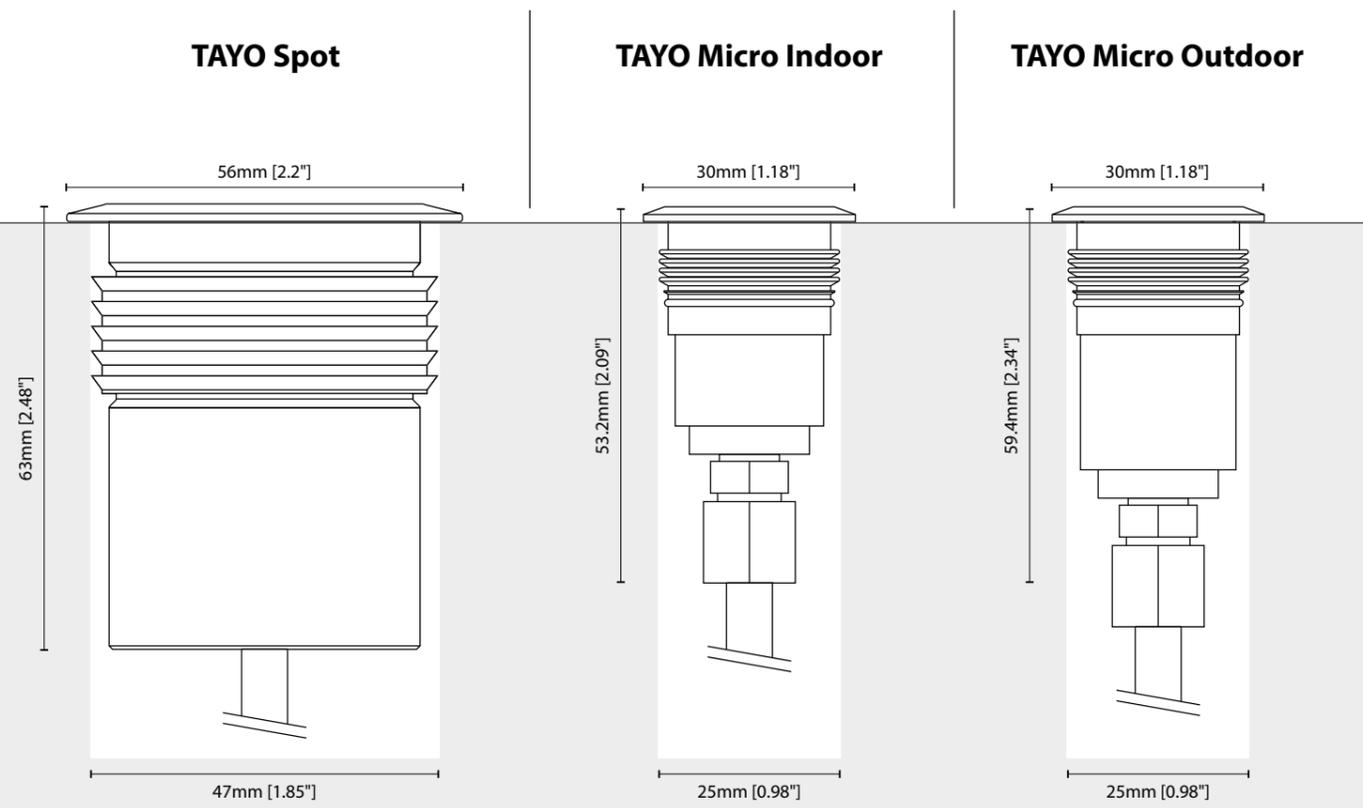
**450**

\*Profile drawings are 1:1 scale

Durable range of exterior in-ground lensed power LED spotlights with circular bezel for uplighting or wet area downlighting. Micro series with diffused low output intended for marker lighting applications.



TAYO



	TAYO Spot	TAYO Micro		TAYO Ceiling
LED	White	Indoor	Outdoor	White
W/m	1.62W	0.14W	0.14W	1.62W
Line				
IP	IP44	<input checked="" type="checkbox"/>		
	IP67	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Cover & Optics	Clear Glass	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
	Diffused		<input checked="" type="checkbox"/>	
	Frosted Glass			<input checked="" type="checkbox"/>
	Spreader lens	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
	10°	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
	20°	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
30°	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
60°	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	

# TAYO Spot

TAYO Spot

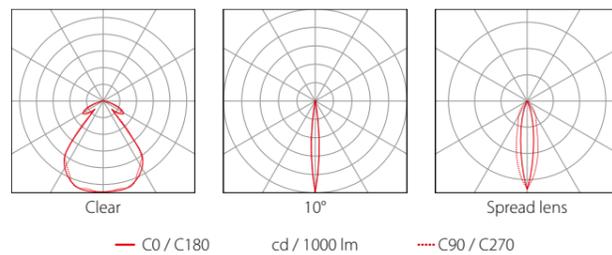


View online



## Housing Data

<b>Cover/Optics</b>	Clear Glass + 10°/20°/30°/60°/Spread Lens
<b>CCT</b>	<b>h-line:</b> 2200K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue
<b>LED binning</b>	<b>h-line:</b> 3-step MacAdam ellipse (2200K/2700K/3000K/3500K/4000K) 4-step MacAdam ellipse (5000K)
<b>CRI</b>	≥90(2700K/3000K) ≥80(2200K/3500/4000K) ≥75 (5000K)
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP67
<b>Finish</b>	Stainless steel 304
<b>Mounting</b>	Recessed mounting
<b>Power feed</b>	Single sheathed hardwire tail
<b>Control</b>	0-10V/1-10V/DMX/DALI (see visDIM range)



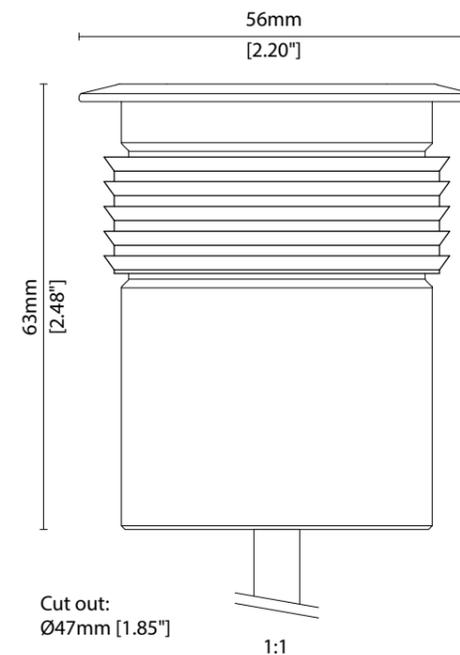
## LED Data (Based on 3000K)



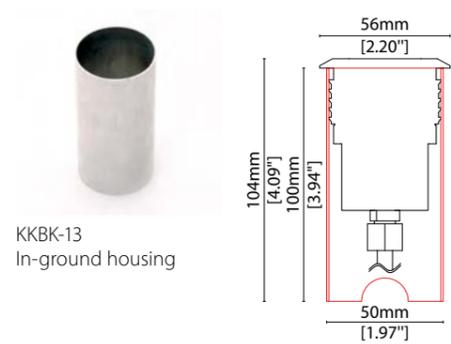
TAYO Spot



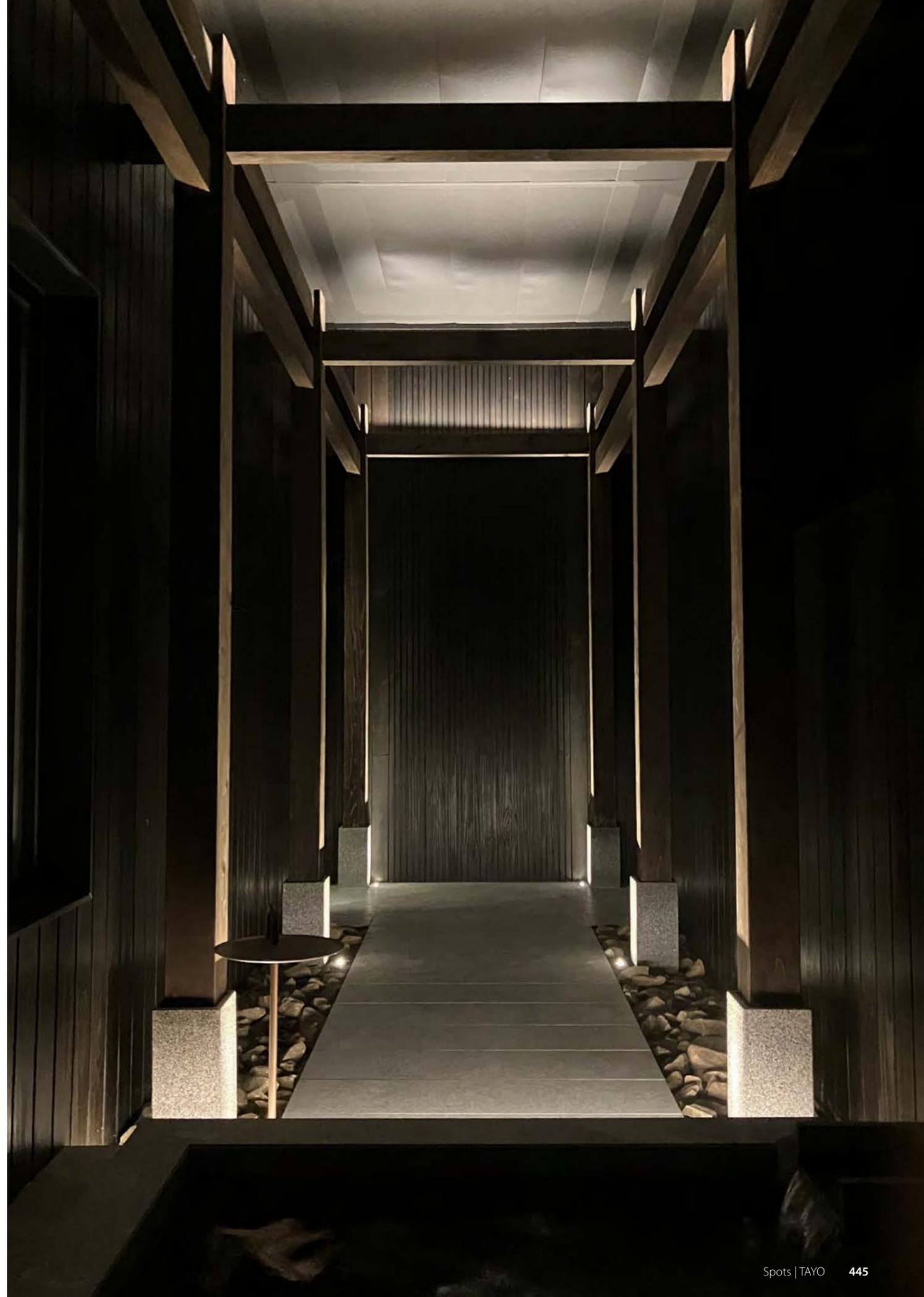
<b>Clear Glass + 10°</b>	118lm/module 74lm/W
<b>Clear Glass + 20°</b>	116lm/module 73lm/W
<b>Clear Glass + 30°</b>	110lm/module 69lm/w
<b>Clear Glass + 60°</b>	120lm/module 75lm/w
<b>Clear Glass + Spread Lens</b>	118lm/module 74lm/w
<b>Wattage</b>	1.62W
<b>Dimension</b>	H63/Ø56mm (H2.48/Ø2.20")
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 70°C)



### Mounting methods



### Detail shots



**Project:** YOUONEJAE Spa & Resort, Korea  
**Lighting Design:** Bitzro, Ki Young Ko  
**Supplier:** Haemoon, Dong Hoon Kim  
KKDC Korea



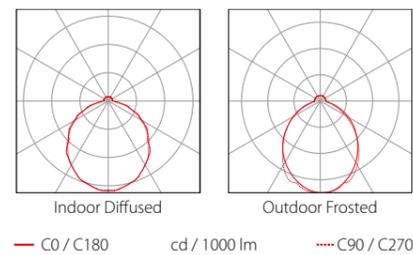
## LED Data (Based on 3000K)

	TAYO Micro Indoor	TAYO Micro Outdoor
<b>Diffused Cover</b>	3.25lm/module 23lm/W	n/a
<b>Frosted Glass</b>	n/a	2.19lm/module 15lm/W
<b>Wattage</b>	0.14W	0.14W
<b>Dimension</b>	H53.2/Ø30mm (H2.09/Ø1.18")	H59.4/Ø30mm (H2.34/Ø1.18")
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 60°C (T <sub>c</sub> Max = 65°C)	T <sub>a</sub> = -25 to 60°C (T <sub>c</sub> Max = 65°C)
<b>IP Rating</b>	IP44	IP67

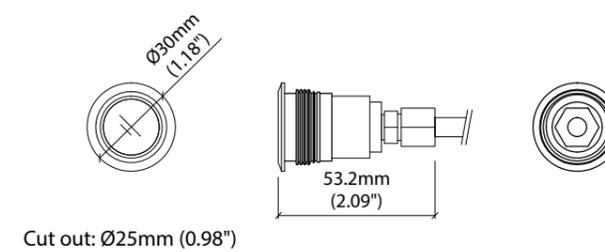


## Housing Data

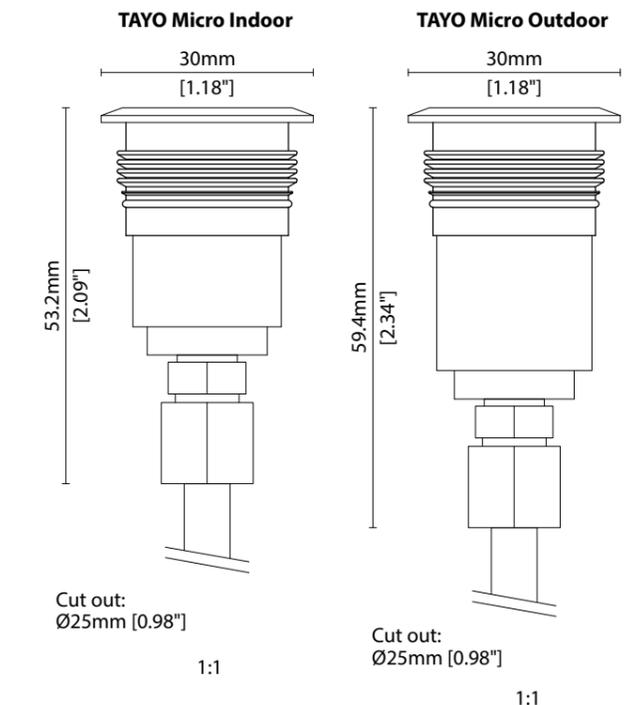
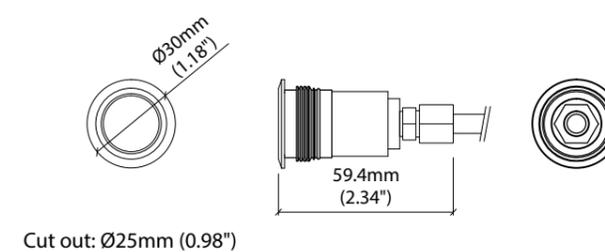
<b>Cover/Optics</b>	Diffused (112°)/Frosted glass
<b>CCT</b>	s-line: 2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue
<b>LED binning</b>	s-line: 3-step MacAdam ellipse
<b>CRI</b>	≥80
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>Finish</b>	Silver anodised
<b>Mounting</b>	<b>Indoor:</b> Surface mounting via concealed clips <b>Outdoor:</b> Recessed mounting
<b>Power feed</b>	Single sheathed hardwire tail
<b>Control</b>	0-10V/1-10V/DMX/DALI



### TAYO Micro Indoor



### TAYO Micro Outdoor



Detail shots



1



2



3



4

- 1. Miniature marker light housing with diffused cover
- 2. TAYO Micro outdoor stainless steel housing
- 3. TAYO Micro indoor anodised aluminium housing
- 4. Outdoor version with glass cover and indoor version with PC cover
- 5. TAYO Micro outdoor, Off
- 6. TAYO Micro outdoor, On



5



6



**Project:** The PARQ, Office and Retail Development, Bangkok  
**Lighting Design:** Bo Steiber Lighting Design  
**Architect:** Palmer & Turner  
 KKDC Thailand

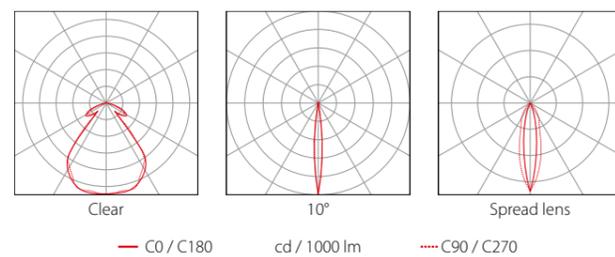


# TAYO Ceiling



## Housing Data

<b>Cover/Optics</b>	Clear Glass + 10°/20°/30°/60°/Spread Lens
<b>CCT</b>	<b>h-line:</b> 2200K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue
<b>LED binning</b>	<b>h-line:</b> 3-step MacAdam ellipse (2200K/2700K/3000K/3500K/4000K) 4-step MacAdam ellipse (5000K)
<b>CRI</b>	≥90(2700K/3000K) ≥80(2200K/3500/4000K) ≥75 (5000K)
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>IP Rating</b>	IP67
<b>Finish</b>	Stainless steel 304
<b>Mounting</b>	Recessed mounting
<b>Power feed</b>	Single sheathed hardwire tail
<b>Control</b>	0-10V/1-10V/DMX/DALI (see visDIM range)



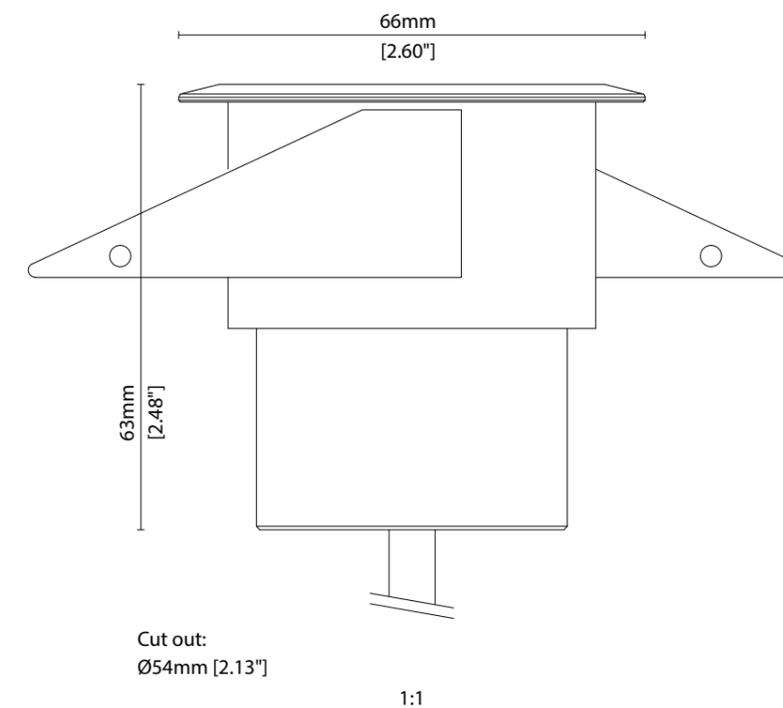
## LED Data (Based on 3000K)



TAYO Ceiling



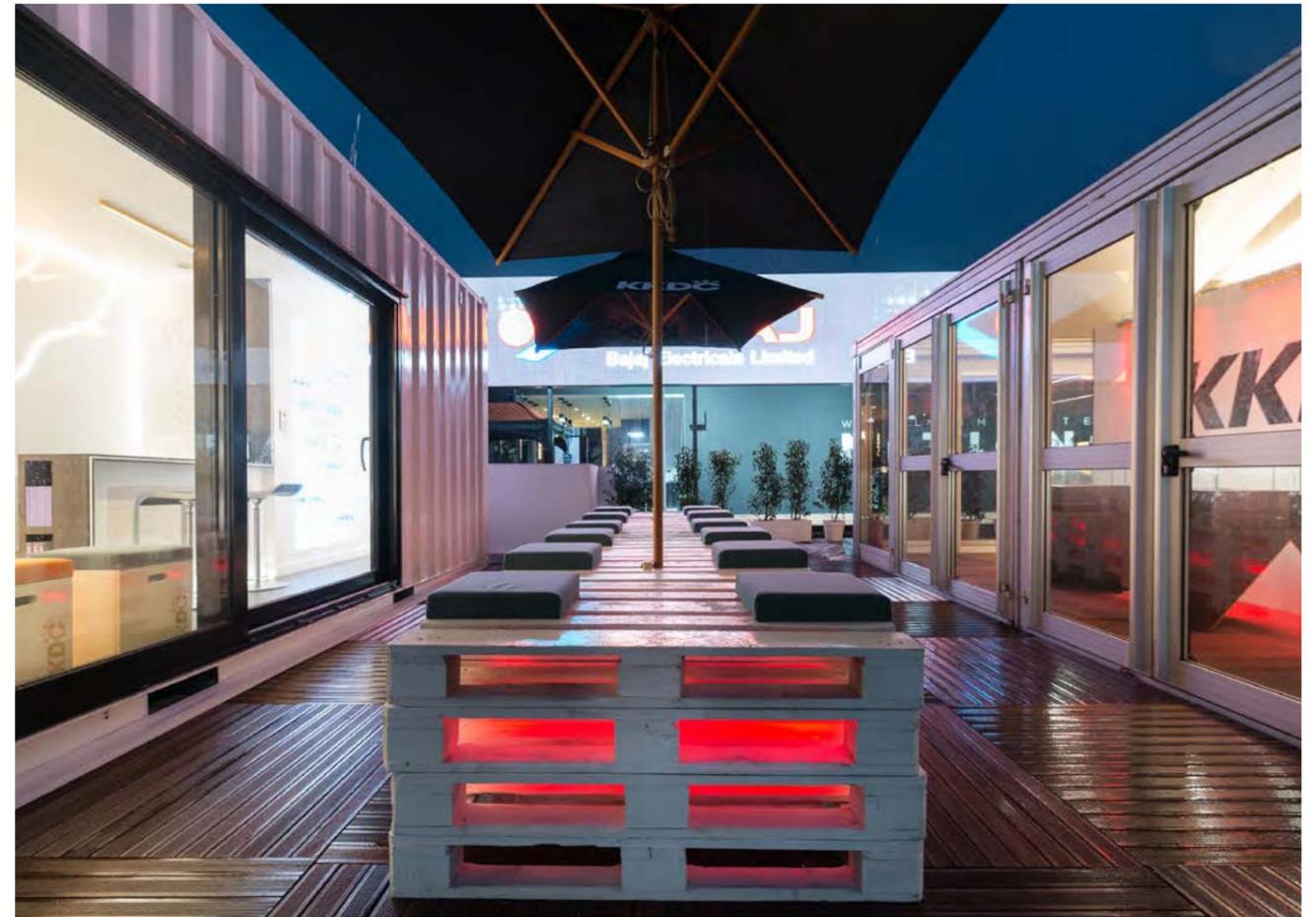
<b>Clear Glass + 10°</b>	118lm/module 74lm/W
<b>Clear Glass + 20°</b>	116lm/module 73lm/W
<b>Clear Glass + 30°</b>	110lm/module 69lm/w
<b>Clear Glass + 60°</b>	120lm/module 75lm/w
<b>Clear Glass + Spread Lens</b>	118lm/module 74lm/w
<b>Wattage</b>	1.62W
<b>Dimension</b>	H63/Ø66mm (H2.48/Ø2.60")
<b>Operating Temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> Max = 70°C)



Detail shots



- 1. Recessed mounting into ceiling
- 2. Single power LED point source with range of lens options
- 3. Stainless steel housing and IP67 cable exit
- 4. Removable spring fix collar
- 5. Stainless steel bezel and toughened glass cover



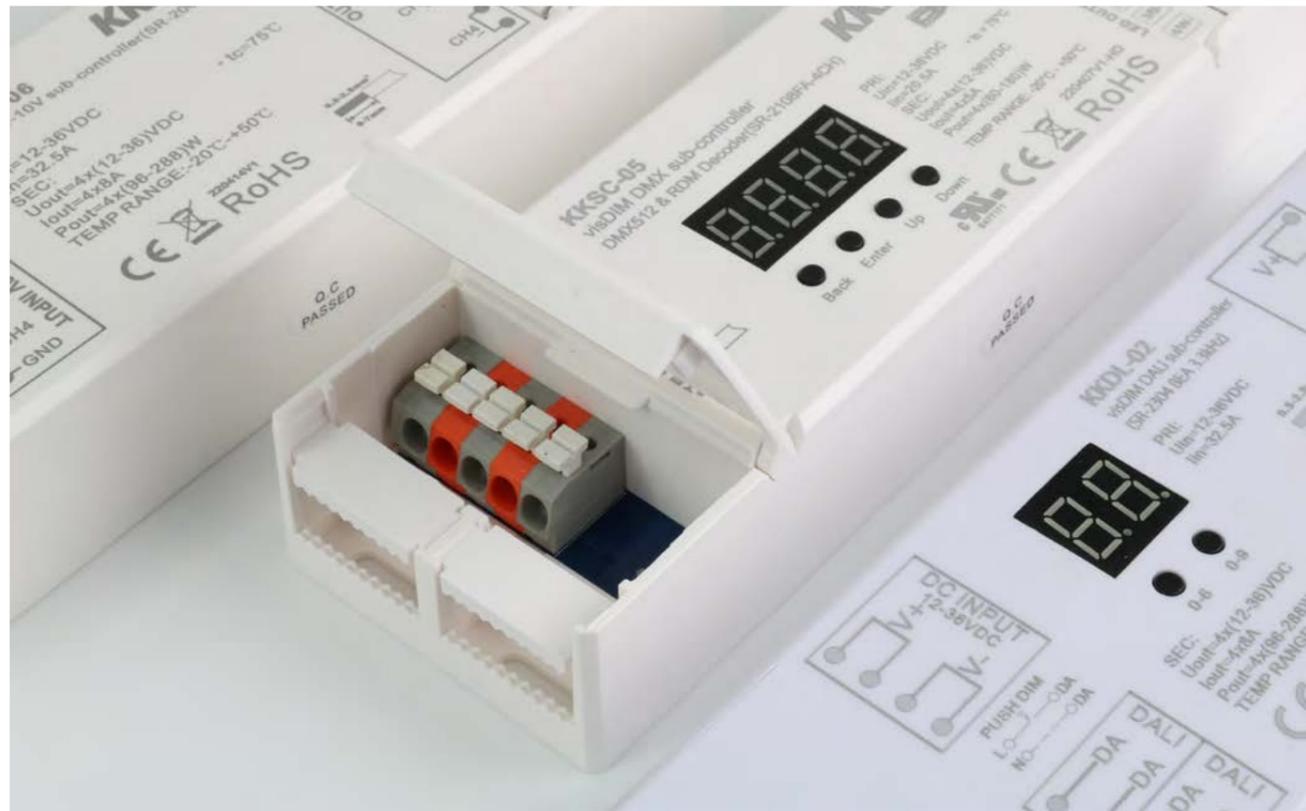
TAYO Spot red LED concealed within outdoor crate seating

# CONTROL



# visDIM

# visDIM Sub-controller



## Housing Data

<b>IP Rating</b>	IP20
<b>Finish</b>	White plastic housing
<b>Mounting</b>	Surface mount via screws

## Junction box accessories



KKJB-07  
IP67 slim J-box  
For use with KKJB-07R potting resin  
H11.6/W15/L62mm  
[H0.4/W0.6/L2.4"]



KKJB-01  
IP67 large J-box  
H44.7/W124/L84.7mm  
[H1.76/W4.88/L3.33"]



KKJB-06  
IP68 J-box  
Sealing gel filled  
H25/W44/L106mm  
[H0.98/W1.73/L4.17"]



KKJB-07R  
Potting resin  
For use with KKJB-07 J-box

## Controller Data



	1-10V	DMX	DALI	DALI
<b>Order Code</b>	KKDM-06	KKSC-05	KKDL-02	KKDL-03
<b>Input Voltage</b>	12-36V DC	12-36V DC	12-36V DC	12-36V DC
<b>Output Voltage</b>	as Input voltage	as Input voltage	as Input voltage	as Input voltage
<b>Output Current</b>	4 x 8A max total output @ 24V 4 x 8A max total output @ 12-36V	4 x 5A max @ 12-36V	4 x 8A max @ 12-36V for non UL version	4 x 5A max @ 12-36V for non UL version 8A max total output @ 12V 4A max total output @ 24V for UL version
<b>Output Wattage</b>	4 x 192W max total output @ 24V 4 x (96-288)W max total output @ 12-36V	4 x 60W @ 12V 4 x 120W @ 24V 4 x 180W @ 36V max	4 x 96W @ 12V 4 x 192W @ 24V 4 x 288W @ 36V max for non UL version	4 x 60W @ 12V 4 x 120W @ 24V 4 x 180W @ 36V max for non UL version 96W max total output @ 12-24V for UL version
<b>PWM Frequency</b>	1.5KHz	500-30KHz settable (default 3.2-3.4KHz)	3.2-3.4KHz	3.2-3.4KHz
<b>Dimension</b>	H29/W59/L170mm (H1.14/W2.32/L6.69")	H28/W53.4/L170mm (H1.10/W2.10/L6.69")	H29/W59/L170mm (H1.14/W2.32/L6.69")	H23/W53.4/L166mm (H0.91/W2.10/L6.54")
<b>Weight</b>	Terminal type: 175g (0.39lbs)	Terminal type: 158g (0.35lbs)	Terminal type: 195g (0.34lbs)	Terminal type: 113g (0.25lbs)
<b>Operating Temp</b>	T <sub>a</sub> = -20 to 50°C (T <sub>c</sub> Max = 75°C)	T <sub>a</sub> = -20 to 50°C (T <sub>c</sub> Max = 75°C)	T <sub>a</sub> = -20 to 50°C (T <sub>c</sub> Max = 75°C)	T <sub>a</sub> = -20 to 50°C (T <sub>c</sub> Max = 75°C)
<b>Storage Temp</b>	T <sub>a</sub> = -20 to 70°C	T <sub>a</sub> = -20 to 70°C	T <sub>a</sub> = -20 to 70°C	T <sub>a</sub> = -20 to 70°C
<b>Cable &amp; Connectors</b>	Input: Terminal type – accepts 22AWG - 13AWG Control: Terminal type – accepts 22AWG - 13AWG Output: Terminal type – accepts 22AWG - 13AWG	Input: Terminal type – accepts 22AWG - 15AWG Control: Terminal type – accepts 22AWG - 15AWG Output: Terminal type – accepts 22AWG - 15AWG	Input: Terminal type – accepts 26AWG - 13AWG Control: Terminal type – accepts 26AWG - 13AWG Output: Terminal type – accepts 26AWG - 13AWG	Input: Terminal type – accepts 26AWG - 15AWG Control: Terminal type – accepts 26AWG - 15AWG Output: Terminal type – accepts 26AWG - 15AWG
<b>Control</b>	1-10V sink or source control inputs (500Ω Potentiometer)	DMX512 system or stand alone function/RDM usable (RGB sequence, fixed colour and white control)	4 DALI Channels (IEC 62386-102, IEC 62386-207) can set address from 1 to 4 Manual/automatically DALI address setting Push dimmer mode Device supports DALI version 1	4 DALI Channels (IEC 62386-102, IEC 62386-207) can set address from 1 to 4 Manual/automatically DALI address setting Device supports DALI version 1

## View Online

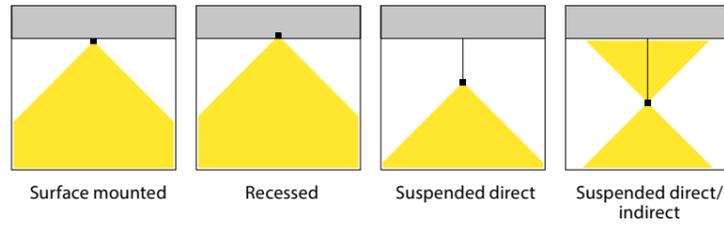


# APPLICATION GUIDE INDEX

## GENERAL LIGHTING

### Downlighting

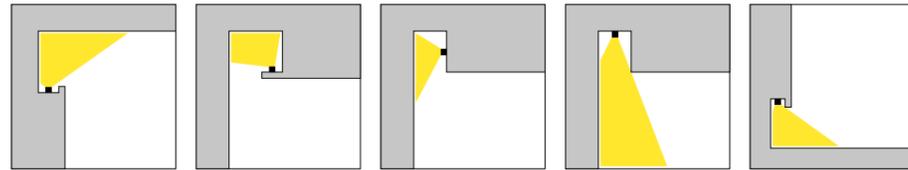
LINI	72
TIA	116
MOMO	196
SUMO	240
MOMO Power	336
KOH	392
LINI Spot	418
PUK	430
TAYO	438



Surface mounted    Recessed    Suspended direct    Suspended direct/indirect

### Cove lighting

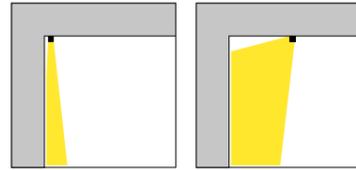
TIMI	36
LINI	72
MIMI	176
FX	310
LUNA	322



Direct ceiling glow    Indirect edge glow    Semi-direct edge glow    Direct edge glow    Direct floor glow

### Wall lighting

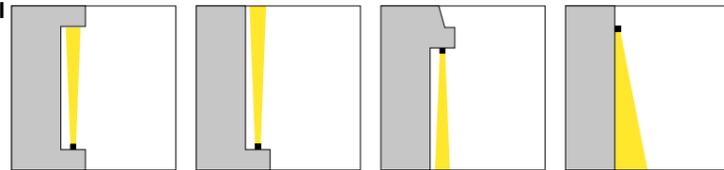
LINI Asymmetric	80
TIA 26 Asymmetric	120
TIA 26-R Asymmetric	132
PICO Asymmetric	172
TIMI Asymmetric	56
SEN Asymmetric	232
MOMO Power	336
SEN	356



Close off-set wall grazing    Asymmetric wallwashing

### Façades/window reveal

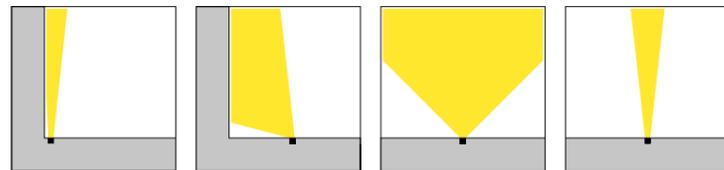
MIMI	176
MOMO	196
SEN	224
SUMO	240
MOMO Flex	302



Window/alcove reveal    Concealing façade uplighting    Direct façade downlighting    Wall mounted façade lighting

### In ground/uplighting

MOMO-F	216
SEN-F Asymmetric	236
MOMO-F Power	352
SEN-F	380
TAYO	438

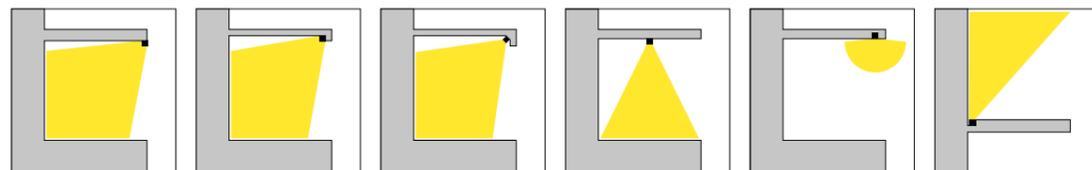


Close off-set wall grazing    Asymmetric wallwashing    Wide beam uplighting    Narrow beam uplighting

## INTEGRATED LIGHTING

### Shelf lighting

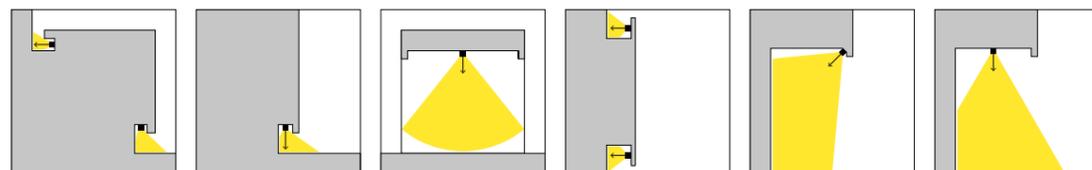
TIMI	36
LINI	72
TIA	116
TANA	136
FX	310
PUK	430



Direct edge mounted    Concealed edge detail    45° concealed edge detail    Direct downlighting    Diffused recessed downlighting    Concealed uplighting

### Furniture details

TIMI	36
LINI	72
GROOVE	248
KURV	286
FX	310
LUNA	322
PUK	430

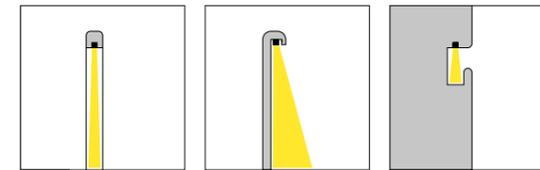


Fixed seating integration    Plinth floor wash    Under fixed bench seating    Indirect mirror backlighting    Concealed under cabinet    Direct under cabinet

## INTEGRATED LIGHTING (Continued)

### Handrails

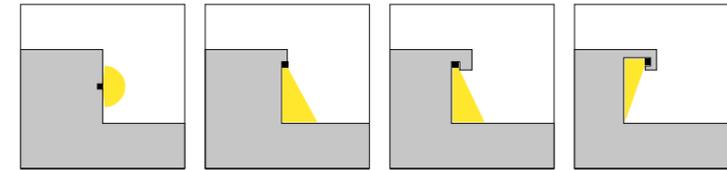
MIMI	176
KURV	286
FX	310
LUNA	322



Centred handrail    Side handrail detail    Integrated handrail detail

### Step & Orientation lighting

TIMI	36
GROOVE	248
FX	310
TAYO	438

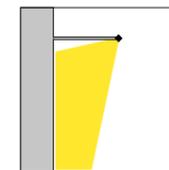


Direct diffused    Direct step riser wash    Concealed direct riser wash    Concealed indirect riser glow

## SPECIALIST LIGHTING

### Picture display

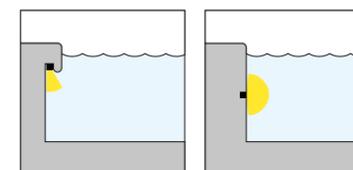
PICO Asymmetric	172
-----------------	-----



Wall mounted arm

### Pools/underwater

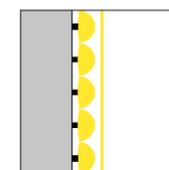
FLO Pool	268
LUNA (IP68)	322



Concealed edge glow    Direct diffused

### Backlighting

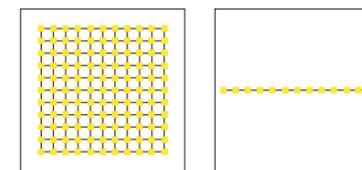
TIMI	36
FX	310
LUNA	322



Uniformed array backlighting

### Media façade

PIXEL Matrix	412
--------------	-----

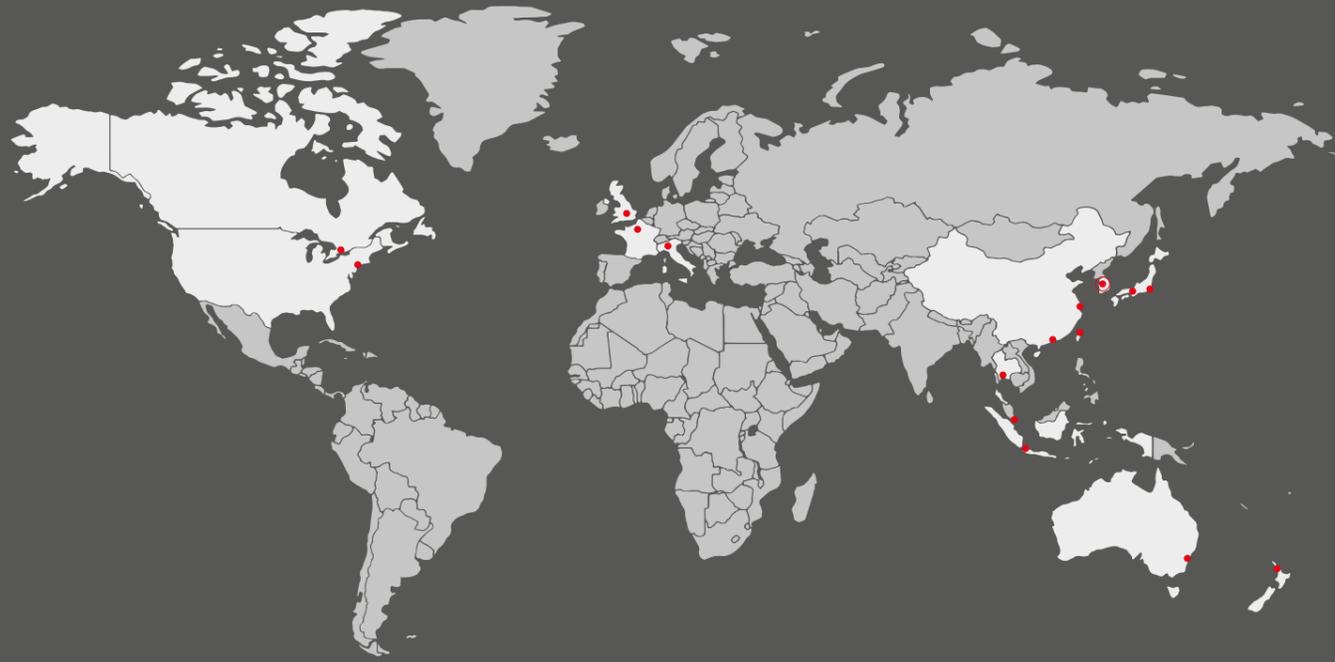


Grid matrix array    Linear sequence array

### Important Note

The illustrative diagrams above show some typical or common installation details and product application suggestions as general guidance only. This is by no means a definitive or exhaustive list with many more creative product installation details possible using any combination of product housings according to the project environment.

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[kkdc.lighting](http://kkdc.lighting)

# PROMOTIONAL PRODUCTS

Various KKDC branded premium promotional products have been produced over the years, please speak to your local KKDC branch for more information about price and availability.



Italian leather card holder



Castelli notepad with fabric cover



Canvas & felt roll-up sample/tool bag



Metal camp mug with box



Cotton face mask with bag



Limited edition Korean style noodle bowl



Castelli sketchbook & pencil



KKDC sample box selection



Back

LIGHT BEAN cotton T-shirt



Custom road bicycle



LIGHT BEAN coffee by KKDC HOUSE



Marine plywood desk lamp & book holder



S/steel chopsticks in bamboo box

# SYMBOL KEY

## Application

-  **Interior** Product suitable for interior use
-  **Exterior** Product suitable for exterior use according to IP rating

## Cover Effect

-  **Homogenous** Full diffusion with no visible LED nodes when illuminated

## LED Types

-  **A-line** Highest efficacy tight-pitched LED strip for homogenous diffusion
-  **s-line** Premium LED for high-end specification, tight binning with high CRI
-  **k-line** Commercial quality energy star CCT LED with a wide range of CCT options and high CRI.
-  **h-line** h-line LED grade icon is applied to our CREE or Lumileds lensed, high power LEDs.

## Mounting Types

-  **Surface**
-  **Recessed**
-  **In-Ground**
-  **Suspended**

## Dynamic LED

-  **RGB** Red, green & blue dynamic LED colour mixing
-  **RGBW** Red, green, blue & white dynamic LED colour mixing
-  **LEDmix** Dynamic white 2-Channel LED colour mixing

## Product Category

-  **LINEAR** KKDC range of rigid linear LED strips & housings
-  **FLEXIBLE** KKDC range of flexible LED strips & housings
-  **POWER** KKDC range of high power LED strips & housings
-  **SPOTS** KKDC range of spotlighting products
-  **SYSTEMS** KKDC range of general lighting and lighting systems
-  **DECORATIVE** KKDC range of free-standing decorative luminaires for interiors
-  **CONTROL** KKDC range of power & control options

Whilst every effort has been made to accurately depict KKDC product in context with use of genuine project photography, some images may have been used for illustrative purposes only.

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