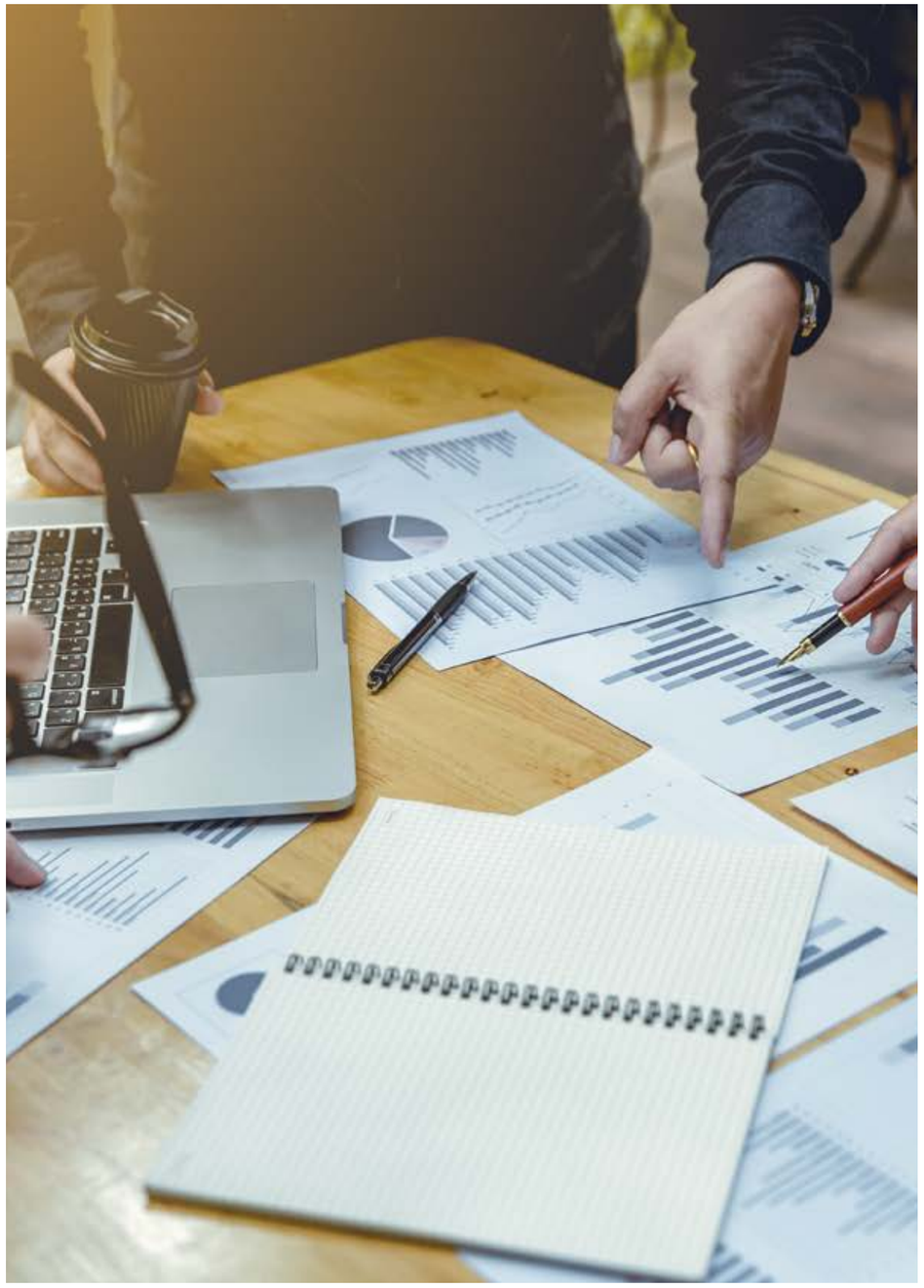
HELIAN
LED Lighting Solution Provider

WELCOME

TO HELIAN



HELIAN

Shenzhen Helian Electronics Co.,Ltd (HLLED) is a high-technology enterprise established in 2007 Aiming to provide cost-effective lighting solutions. As a leading LED lighting solutions provider, Helian is proud of its highly-trained and seasoned lighting experts, professional sales representatives, and skilled staff, who provide exceptional customer support and service. Over the past 16 years, we have developed LED strip lights and have expanded our business network into Europe, America, Russia, and other parts of the world. Our producing area is over 20000㎡ and 500 employees specializing in OEM integration and more than owns a strong competitive team with much spirit of team work, which also process a sense of social responsibility.

Our product lines include a full-range of surface, recessed, and pendant mounted linear LED fixtures for decorative and general lighting purposes, in addition to an unparalleled selection of high-quality components: LED linear light, LED aluminum profiles, LED cabinet light, LED flexible strips, LED neon light, LED lighting accessories, and different types of power-supplies and controls for low-voltage LED lighting. □Helian is committed to innovate its products to reflect the best and latest solid-state lighting technology as demand for LED lighting increases. Helian products have gained more than just patents, such as design recognition and functionality. As a manufacturer of customized LED lighting systems, Our company is well known for its strategic design mindset, which is widely used in airports, museums, libraries, residential, galleries, corridors, offices, reception areas, cinema halls, laboratories, entertainment facilities, hotels, exhibition halls, theme venues, schools and colleges, indoors and outdoors, clinics and hospitals, parking lots with sidewalks, as well as other venues.

With an unwavering commitment to quality and full-service project management and support, our goal is to deliver robust and reliable lighting systems that are simple to install, affordable, and most importantly—realize the vision of the homeowner, designer, or builder-alike.

We passed ISO14001:2015, ISO 9001:2015 version international quality administration certification successively, and our series products are certified by UL, CE, RoHS, product safety certifications and so on. Our story is one of impressive evolution and establishing a relationship of trust with our customers. The reputation of the company is forged thanks to each quality project realized in collaboration with our agents. We are proud to develop products on which our collaborator can count on for maximum performance and built with quality materials for years of durability. To meet every customer's needs, Helian continuously develops innovative products based on solid technical knowledge. It is our vision to provide beautiful LED strip lighting to every corner of the world. Everyone has the right to live in a beautiful environment with beautiful lighting. Keeping our vision in mind, we strive to offer everyone the best LED Lighting at fair prices. Discover the advantages of partnering with Helian by contacting us today!

Product System

As a forerunner of linear lighting, keeps exploring and expanding the definition and boundary of linear lighting. At present, its products contain various categories and forms of light source and luminaire, as listed below, in order to provide designers building spatial light environments with perfect linear lighting solutions.

1 LED Linear Light

LED linear light source adopts high quality, high brightness driver, which has good heat dissipation performance. The lamp body adopts aluminum alloy with high thermal conductivity and good thermal conductivity. It is widely used in shopping center, business building, office building, industry and corridor, etc.

2 LED Strip Light

LED Strip Light are available in a variety of options including power, color, CCT, CRI, and more. It passed CE, ROHS, UL and other certifications, applying to indoor and outdoor lighting, furniture, vehicle, advertisement and other supporting usages.

3 LED Neon Light

LED Neon Light, is made by adopting dualcolor silicone integrated extrusion shaping process, and its protection grade reaches up to IP67, it has the characteristics of good protection performance, outstanding weather resistance, resistance to corrosive gases, dust proof, uniform lighting, etc. Applying to indoor and outdoor molding decoration, building outlines, city night scenes illuminating and so forth for the sake of the effect of decorative lighting.

1

LED LINEAR LIGHT

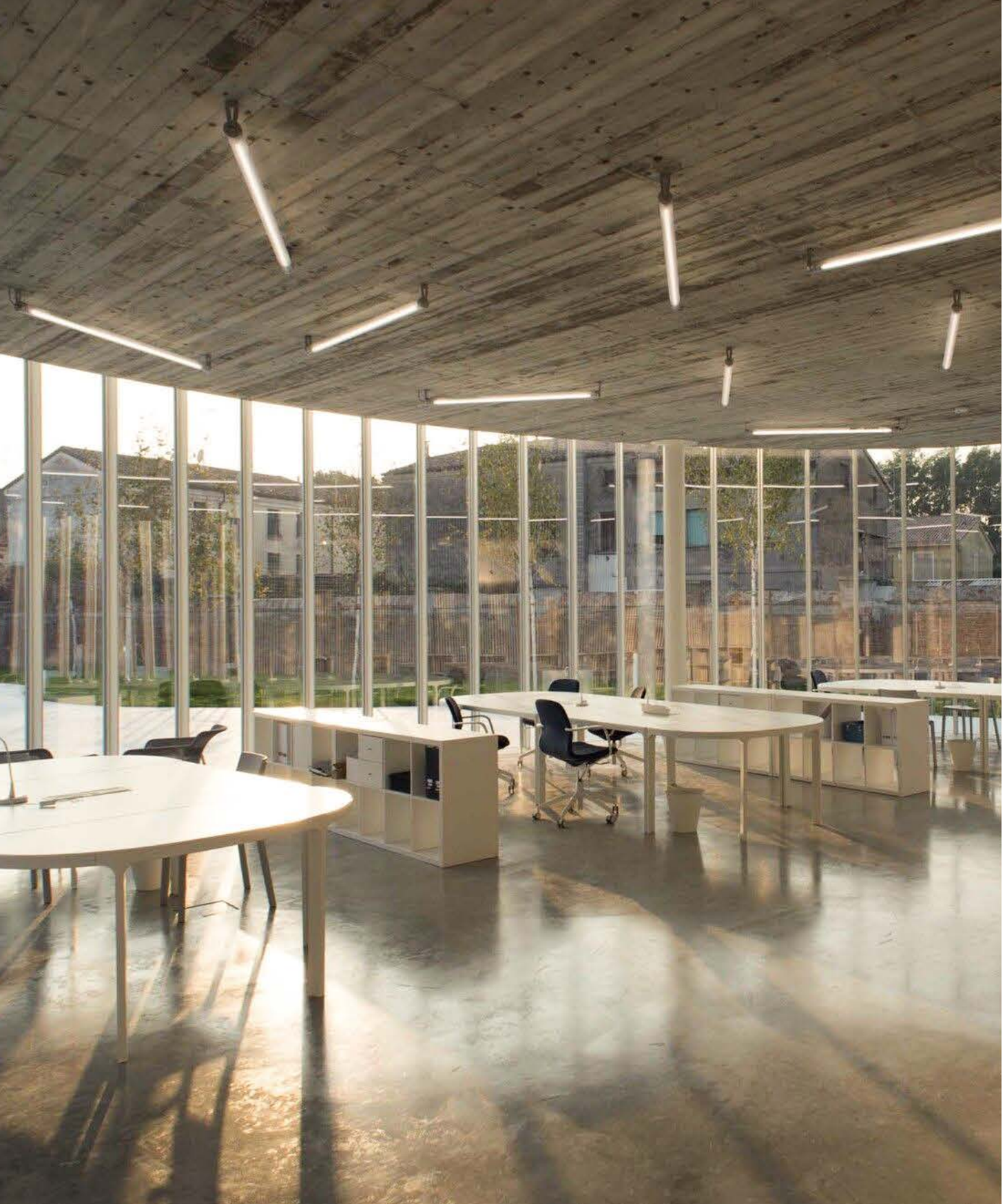
1. Professional appearance design, simple and elegant.
2. High quality, energy-efficient LED Lighting for environmental protection.
3. LED linear light source adopts high brightness driver, which has good heat dissipation performance.

Applicable for indoor family

Applicable for commercial supermarket

Applicable for building front

Applicable for art gallery, museum,etc



FUNCTION DESCRIPTION:

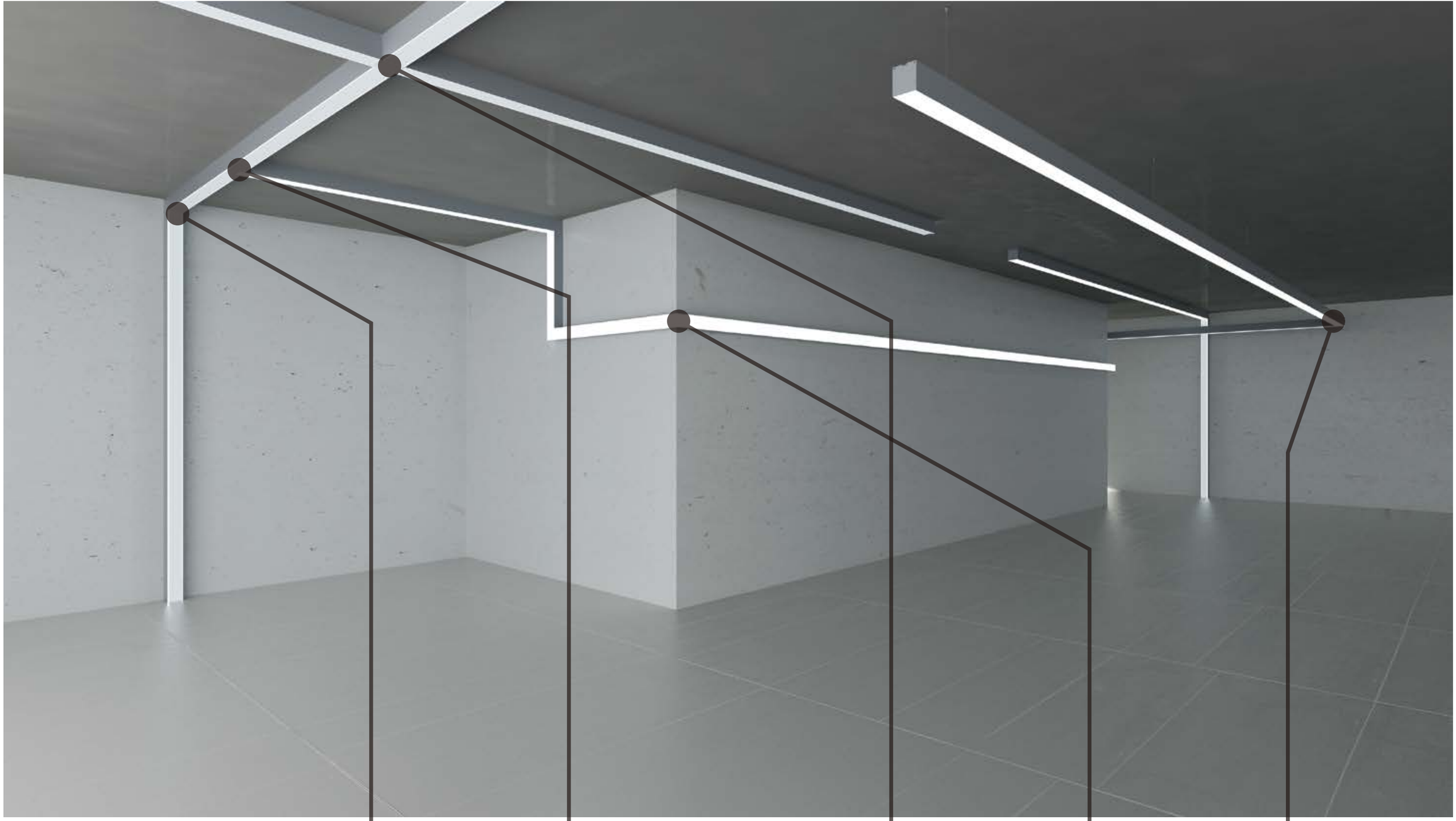
1. With emergency function
2. Dimmable
3. Choice of connecting different parts
4. Anti-glare

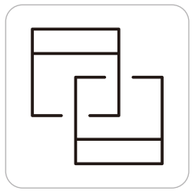
Low power consumption, long life, good heat dissipation, energy saving and environmental protection, emergency response.

Dimming method: 2.4G dimming /0-10V dimming/DALI dimming.

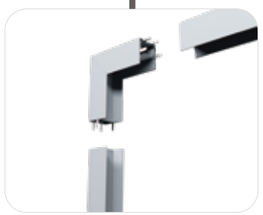
Lamps can be freely combined with a variety of combinations. Easy to install and can be spliced.

Professional anti-glare grille reflector, anti-glare value UGR<16 / UGR<19, comfortable light, protect our eyes.

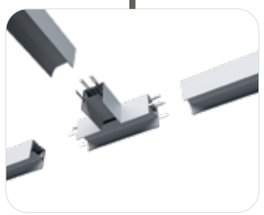




SPLICING DISPLAY :



L1 Type Connector



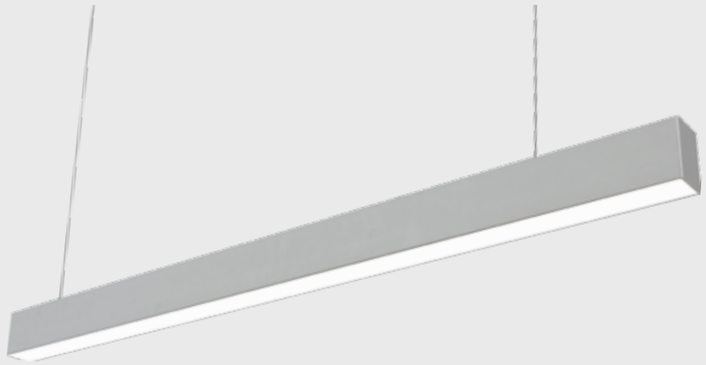
T Type Connector

+ Type Connector

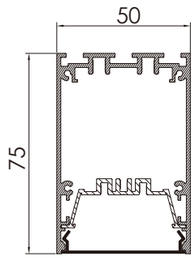
L2 Type Connector

L3 Type Connector

HL-B5075A-L12



- Professional appearance design, simple and elegant.
- High quality, energy-efficient LED Lighting for environmental protection.
- Anodized aluminum profile with good heat sink.
- Built-in power supply, no flicker.
- For offices, conference rooms, supermarkets, home lighting, etc.



FIXTURE PARAMETERS

Size: L1200*W50*H75mm
Lm: 7500LM±10%
Input Voltage: AC100-240V
Beam Angle: 120°
Nominal Power: 50W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP40
Certification: CE, ROHS
Warranty: 3 years
Color:

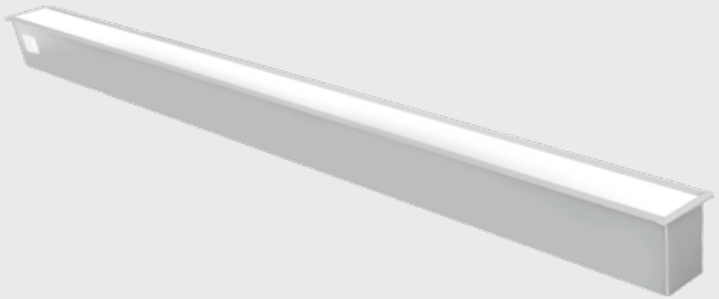
Suspended Rope

Connector

Aluminum Profile

Mounting Clip

HL-B5075C-L12



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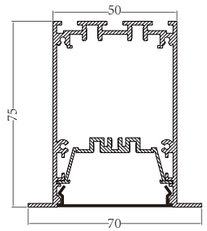


FIXTURE PARAMETERS

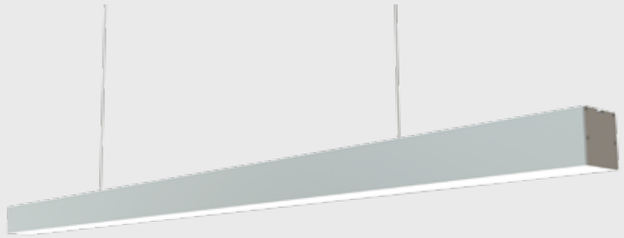
Size: L1200*W70*H75mm
Lm: 7500LM±10%
Input Voltage: AC100-240V
Beam Angle: 120°
Nominal Power: 50W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP40
Certification: CE,ROHS
Warranty: 3 years
Color:

Mounting Clip

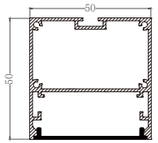
T Square Tube

Aluminum Profile

HL-CB5050-L12



- Professional appearance design, simple and elegant.
- High quality, energy-efficient LED Lighting for environmental protection.
- Anodized aluminum profile with good heat sink.
- Built-in power supply, no flicker.
- For offices, conference rooms, supermarkets, home lighting, etc.



FIXTURE PARAMETERS

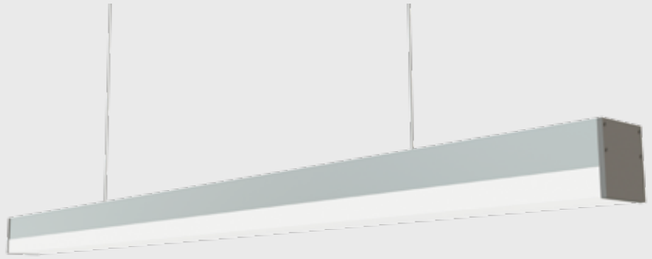
Size: L1200*W50*H50mm
Lm: 7500LM
Input Voltage: AC100-240V
Beam Angle: 120°
Nominal Power: 50W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP40
Certification: CE, ROHS
Warranty: 3 years
Color:

Suspended Rope

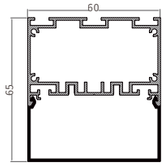
Connector

Aluminum Profile

HL-CB6065-L12



-Professional appearance design, simple and elegant.
-High quality, energy-efficient LED Lighting for environmental protection.
-Anodized aluminum profile with good heat sink.
-External power supply, no flicker.
-For offices, conference rooms, supermarkets, home lighting, etc.



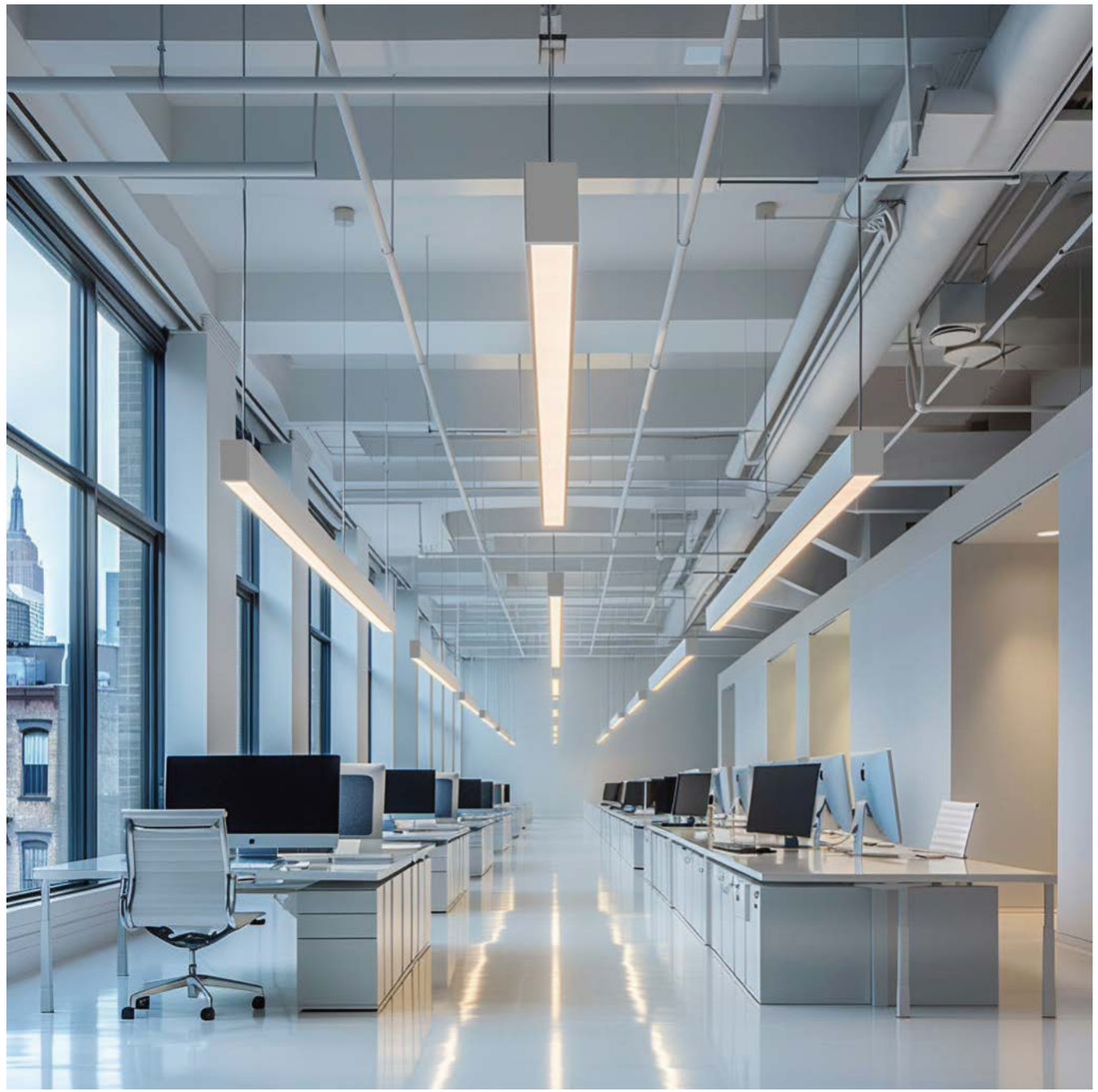
FIXTURE PARAMETERS

Size: L1200*W60*H65mm
Lm: 7500lm
Input Voltage: AC100-240V
Beam Angle: 120°
Nominal Power: 50W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP40
Certification: CE, ROHS
Warranty: 3 years
Color:

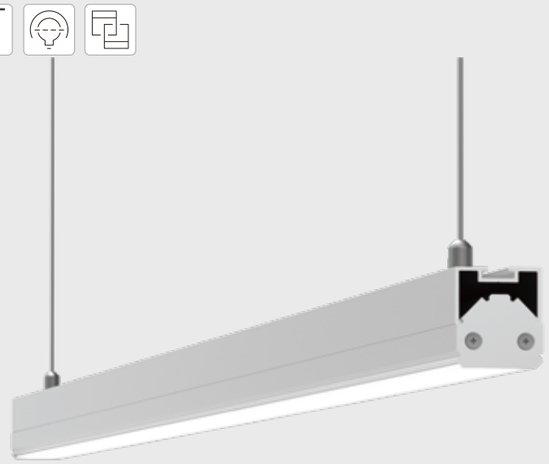
Suspended Rope

Connector

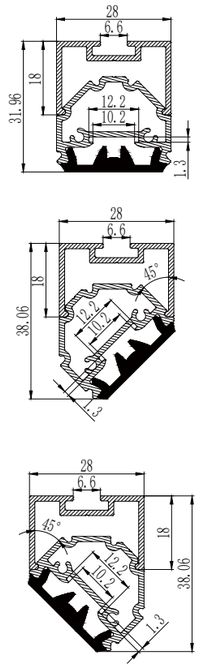
Aluminum Profile



HL-CB2830



-- This linear LED luminaire features a minimalist aesthetic design at its core with sleek lines that are compatible with various styles.
-- Constructed from selected high-quality aluminum profiles, it is paired with energy-efficient LED light sources, offering high luminance and low power consumption.
-- It comes with adjustable light angles and multiple cover options, catering to requirements ranging from narrow-angle spot lighting to wide-angle flood lighting.
-- Suitable for multiple venues such as offices, exhibition halls and residences, it fulfills both basic lighting and ambiance creation functions.



FIXTURE PARAMETERS

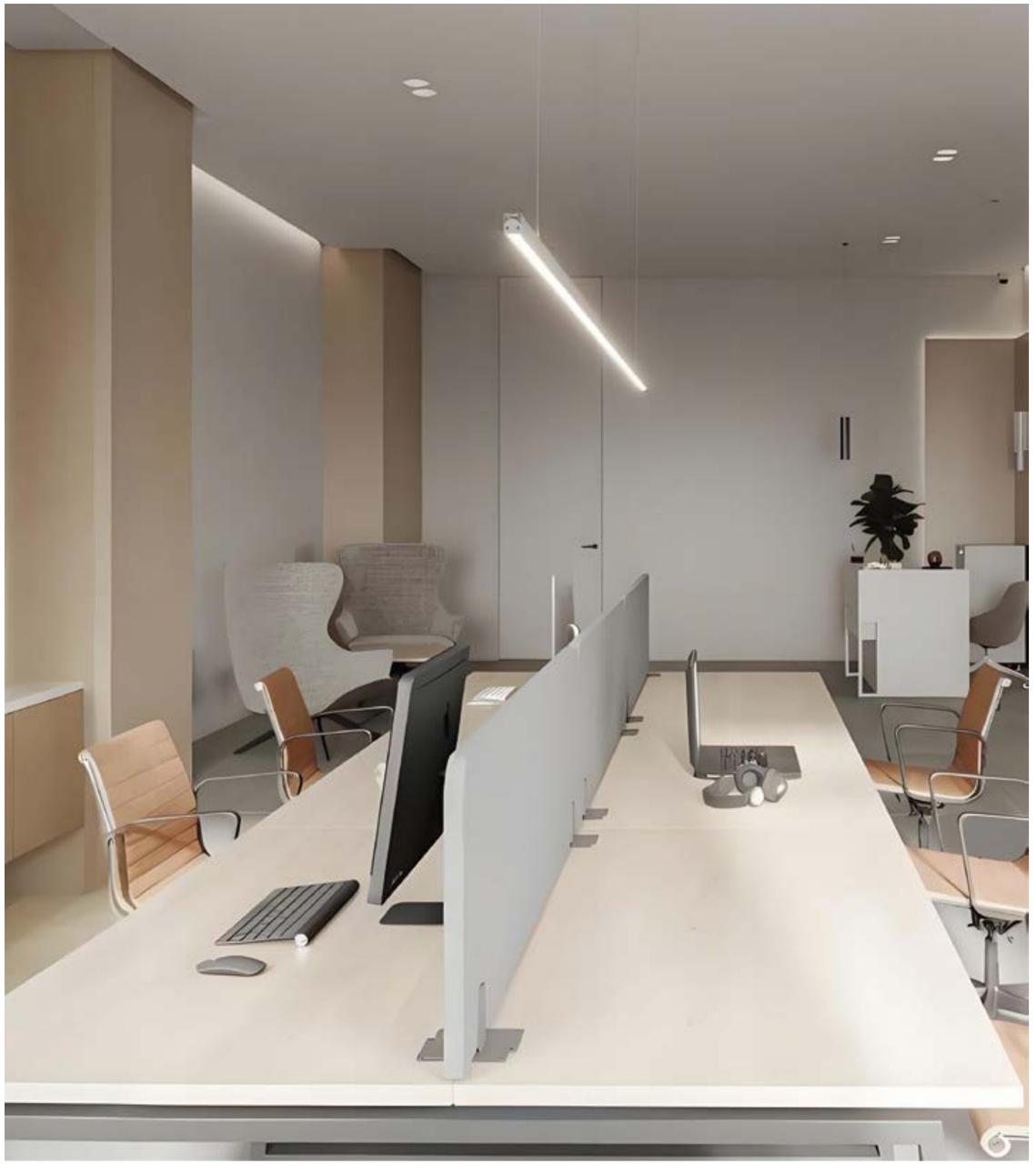
Size: L1000*W28*H31.96mm(45°)
Lm: 1800LM±10% (@4000K)
Input Voltage: DC24V
Beam Angle:
45°/60°/70°/90°/110°/140°/165°/A15°/DA25°
Nominal Power: 50W
CCT: 2700-6500k
Nominal Power: 14.4W
UGR: <21
CRI: >80
Protection Grade: IP40
Certification: CE, ROHS
Warranty: 3 years
Color:

Aluminum Profile

Suspended Rope

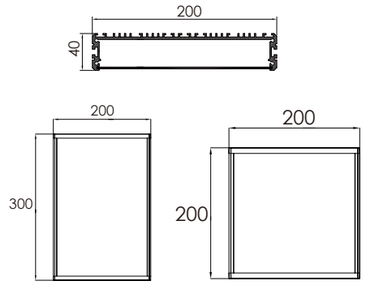
45° (PMMA)
60° (PMMA)
70° (PMMA)
90° (PMMA)

110° (PMMA)
140° (PMMA)
165° (PMMA)
A15° (PMMA)
DA25° (PMMA)



HL-PA085-L02
HL-PA085-L03

-Combination and splicing are simple, and installation is convenient, both vertically and horizontally;
-The size is large and the lighting is sufficient;
-Professional anti-glare prism diffuser plate, anti-glare value UGR<19, soft and comfortable light, protect eyes;
-Applications: Offices, conference rooms, supermarkets, schools, home lighting, etc.



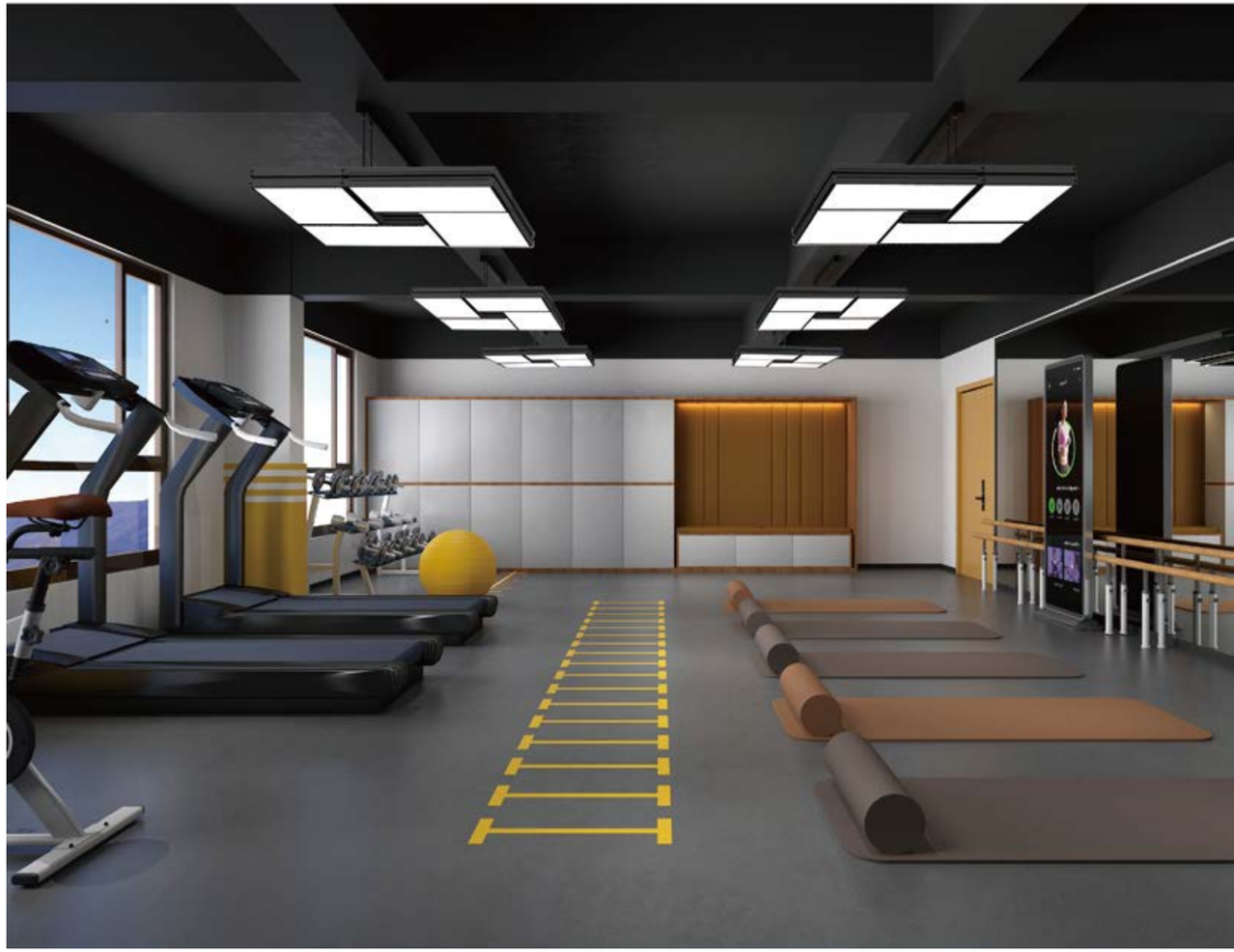
FIXTURE PARAMETERS

Size: L200*W200*H40mm/L300*W200*H40mm
Lm: 600lm/1250lm
Input Voltage: AC90-264V
Beam Angle: 110°-120°
Nominal Power: 12W/25W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP40
Certification: CE, ROHS
Warranty: 3 years
Color: ■

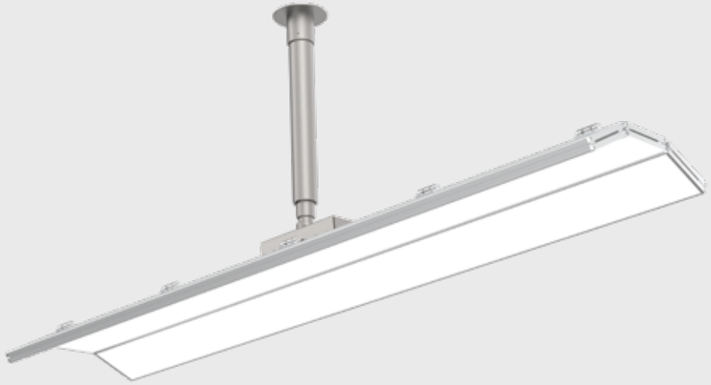
Magnetic surface mounting

Suspended installation

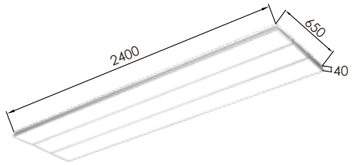
Connector

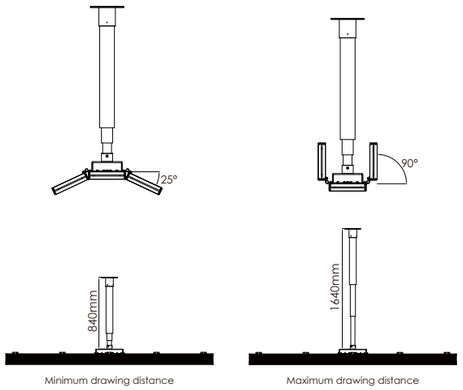


HL-PA085-24



-Say goodbye to the fixed shackles of traditional billiard lights, and adopt an innovative retractable design to easily adjust to the optimal lighting height.
-Equipped with intelligent dimming system, freely adjust the brightness according to your needs.
-Unique luminous surface Angle adjustment design, free adjustment of light Angle.
-Integrated light, uniform soft not dazzling.
-Whether it is the warm corner of family entertainment or the rigorous arena of professional events, it can be perfectly adapted to focus on every shot moment.





Minimum drawing distance

Maximum drawing distance

FIXTURE PARAMETERS

Size: L2400*W650*H40mm
Lm: 35000lm
Input Voltage: AC120-277V
Beam Angle: 100°-120°
Nominal Power: 480W
CCT: 2700-6500k
CRI: >80
ROTATION ANGLE: Up 90°/ Down 25°
DIMMING: 3-in-1 dimming
Protection Grade: IP20
Certification: CE, ROHS
Warranty: 3 years
Color:

Luminaire modules

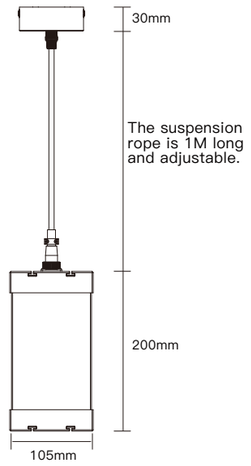
Connector

Telescopic rod kit

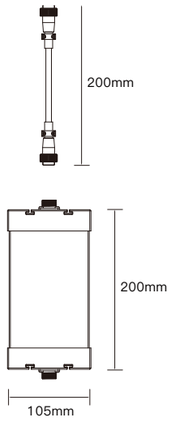
HL-DA012

- It features a professional and unique appearance with simple and smooth lines.
- With a serial connection design, you can make choices according to your own preferences.
- Made of high-quality materials, it emits light evenly and softly.
- It is suitable for venues like hotels, libraries, bars and restaurants,etc

HL-DA012-L02A



HL-DA012-L02B



FIXTURE PARAMETERS

Size: L105*W105*H200mm

Lm: 1000lm

Input Voltage: AC90-264V

Beam Angle: 360°

Nominal Power: 10W

CCT: 2700-6500K/Blue/Green/Red/Yellow/Orange

CRI: >80

Protection Grade: IP20

Certification: CE, ROHS

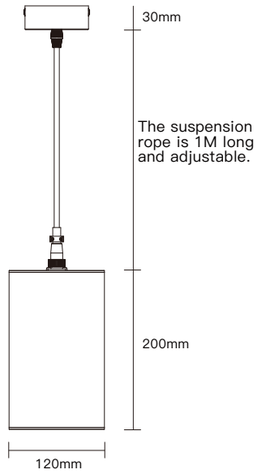
Warranty: 3 years

Color:

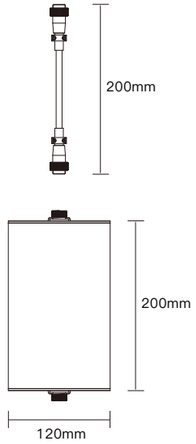
HL-DD120

- It features a professional and unique appearance with simple and smooth lines.
- With a serial connection design, you can make choices according to your own preferences.
- Made of high-quality materials, it emits light evenly and softly.
- It is suitable for venues like hotels, libraries, bars and restaurants,etc

HL-DD120-L02A



HL-DD120-L02B



FIXTURE PARAMETERS

Size: L120*W120*H200mm

Lm: 1000lm

Input Voltage: AC90-264V

Beam Angle: 360°

Nominal Power: 10W

CCT:
2700-6500K/Blue/Green/Red/Yellow/Orange

CRI: >80

Protection Grade: IP20

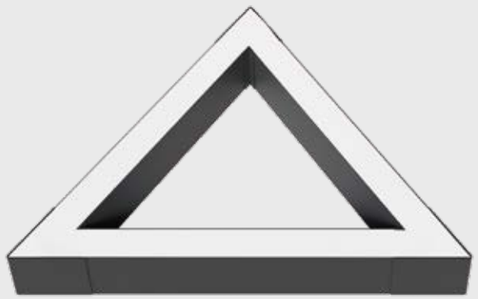
Certification: CE, ROHS

Warranty: 3 years

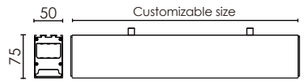
Color:

HL-PB5075A-A06

White Black



-Modular triangular linear lighting offer infinite possibilities.
-High quality, energy-efficient LED Lighting for environmental protection.
-The power supply is built-in and the wiring is of the PUSH-IN shrapnel type. It is easy to install, disassemble, and maintain.
-For offices, conference rooms, supermarkets, home lighting, airports, museums,libraries, corridors, cinemas, hotels, etc.



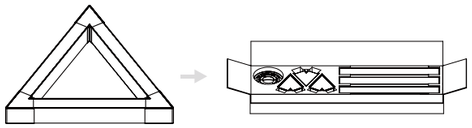
FIXTURE PARAMETERS

Size: 600*600*600 mm
Lm: 6000lm±10%（@4000K）
Input Voltage: AC100-277V
Beam Angle: 100°-120°
Nominal Power: 40W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP20
Certification: CE, ROHS, UL
Warranty: 3 years

module1

module2

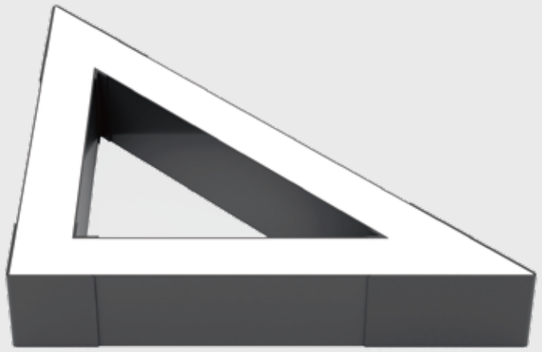
Accessory



Modular | DIY Splicing | Customizability | Easy Maintenance | Scalability | Flexibility | Shrapnel-type Wiring

HL-PB5075A-B06

White Black



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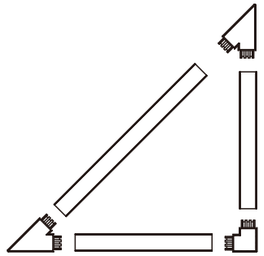
-High quality, energy-efficient LED Lighting for environmental protection.
-The power supply is built-in and the wiring is of the PUSH-IN shrapnel type. It is easy to install, disassemble, and maintain.
-For offices, conference rooms, supermarkets, home lighting, airports, museums,libraries, corridors, cinemas, hotels, etc.



FIXTURE PARAMETERS

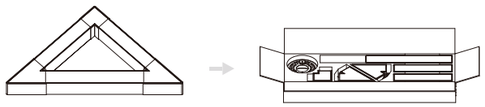
Size: 600*426*426mm
Lm: 6000lm±10% (@4000K)
Input Voltage: AC100-277V
Beam Angle: 100°-120°
Nominal Power: 40W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP20
Certification: CE, ROHS, UL
Warranty: 3 years

module1(45°)

module2 (90°)

module3

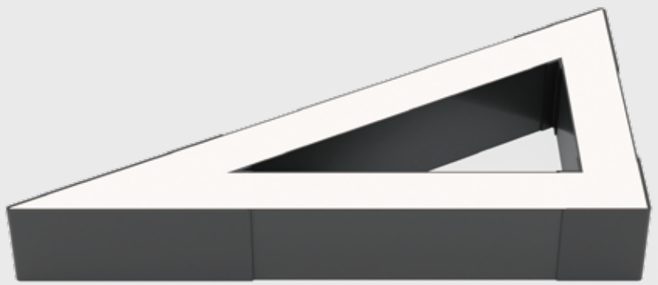
Accessory



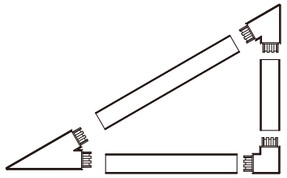
Modular
DIY Splicing
Customizability
Easy Maintenance
Scalability
Flexibility
Shrapnel-type Wiring

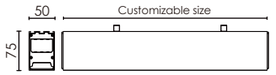
HL-PB5075A-C06

White Black



-Modular triangular linear lighting offer infinite possibilities.
-High quality, energy-efficient LED Lighting for environmental protection.
-The power supply is built-in and the wiring is of the PUSH-IN shrapnel type. It is easy to install, disassemble, and maintain.
-For offices, conference rooms, supermarkets, home lighting, airports, museums,libraries, corridors, cinemas, hotels, etc.





FIXTURE PARAMETERS

Size: 600*520*304mm
Lm: 6000lm±10%（@4000K）
Input Voltage: AC100-277V
Beam Angle: 110°-120°
Nominal Power: 40W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP20
Certification: CE, ROHS, UL
Warranty: 3 years

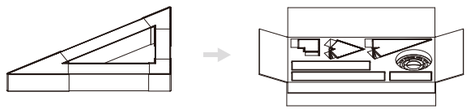
module1(30°)

module2(60°)

module3(90°)

module4

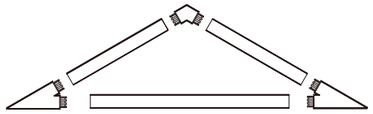
Accessory

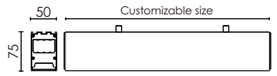


Modular
DIY Splicing
Customizability
Easy Maintenance
Scalability
Flexibility
Shrapnel-type Wiring

HL-PB5075A-D12

-Modular triangular linear lighting offer infinite possibilities.
-High quality, energy-efficient LED Lighting for environmental protection.
-The power supply is built-in and the wiring is of the PUSH-IN shrapnel type. It is easy to install, disassemble, and maintain.
-For offices, conference rooms, supermarkets, home lighting, airports, museums,libraries, corridors, cinemas, hotels, etc.





FIXTURE PARAMETERS

Size: 1200*696*696mm
Lm: 12000lm±10% (@4000K)
Input Voltage: AC100-277V
Beam Angle: 110°-120°
Nominal Power: 80W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP20
Certification: CE, ROHS, UL
Warranty: 3 years

module1(30°)

module2(120°)

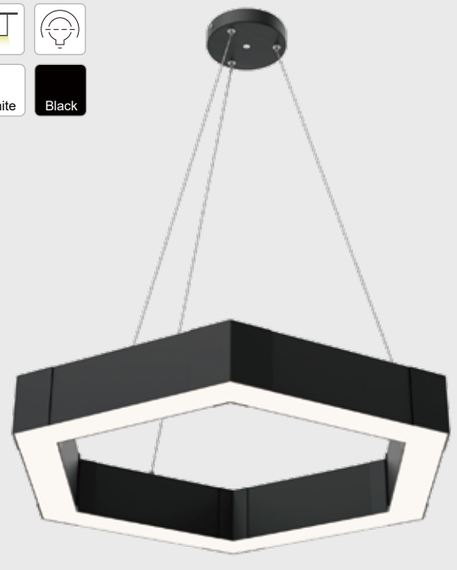
module3

Accessory

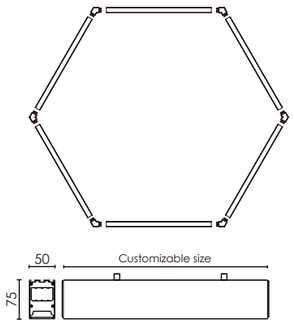
Modular | DIY Splicing | Customizability | Easy Maintenance | Scalability | Flexibility | Shrapnel-type Wiring

HL-PB5075A-E08

White Black



-Modular triangular linear lighting offer infinite possibilities.
-High quality, energy-efficient LED Lighting for environmental protection.
-The power supply is built-in and the wiring is of the PUSH-IN shrapnel type. It is easy to install, disassemble, and maintain.
-For offices, conference rooms, supermarkets, home lighting, airports, museums,libraries, corridors, cinemas, hotels, etc.



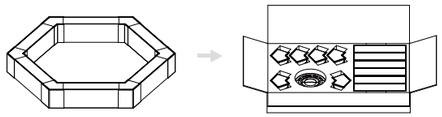
FIXTURE PARAMETERS

Size: 800*692mm
Lm: 6000lm±10%（@4000K）
Input Voltage: AC100-277V
Beam Angle: 110°-120°
Nominal Power: 40W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP20
Certification: CE, ROHS, UL
Warranty: 3 years

module 1

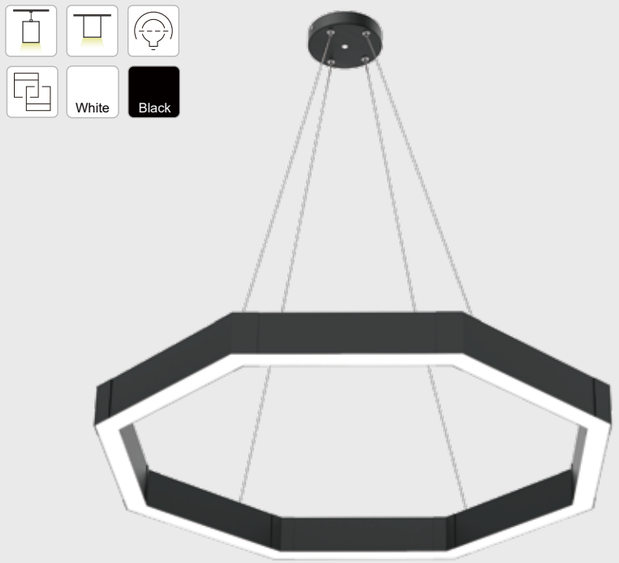
module 2

Accessory

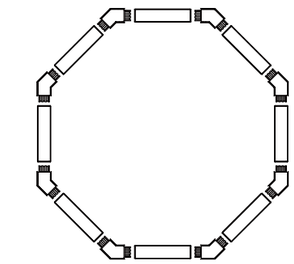


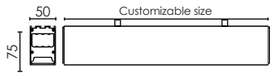
Modular | DIY Splicing | Customizability | Easy Maintenance | Scalability | Flexibility | Shrapnel-type Wiring

HL-PB5075A-E80



-Modular octagon linear lighting offer infinite possibilities.
-High quality, energy-efficient LED Lighting for environmental protection.
-For offices, conference rooms, supermarkets, home lighting, airports, museums, libraries, corridors, cinemas, hotels, etc.





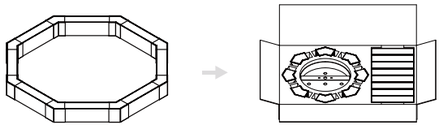
FIXTURE PARAMETERS

Size: 800*739mm
Lm: 6000lm±10% (@4000K)
Input Voltage: AC200-240V
Beam Angle: 110°-120°
Nominal Power: 60W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP20
Certification: CE, ROHS
Warranty: 3 years

module 1

module 2

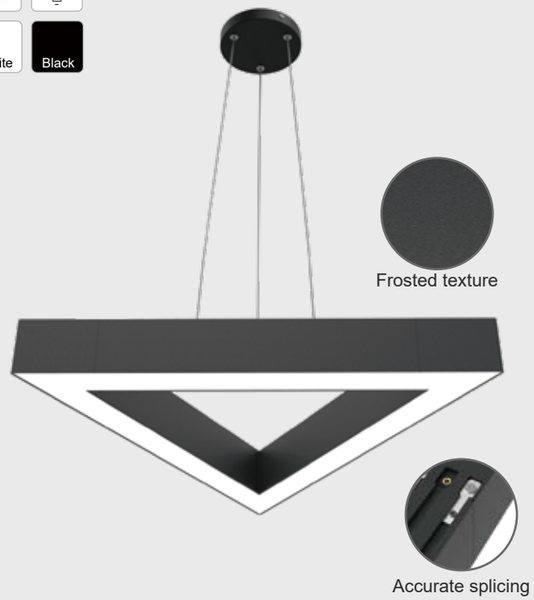
Accessory



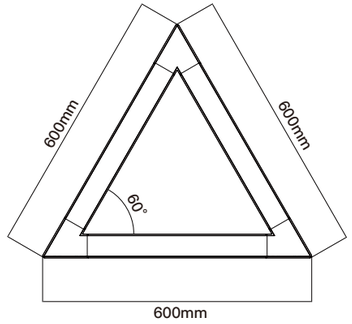
Modular | DIY Splicing | Customizability | Easy Maintenance | Scalability | Flexibility | Shrapnel-type Wiring

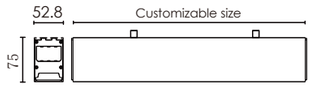
HYUNDAI
Motor Deutschland

HL-PB5075A-A06



-Modular triangular linear lighting offer infinite possibilities.
-The module joints are precisely designed, with a smooth surface and no protrusions, and smooth overall lines.
-The shell is made of anodized matte aluminum alloy, which has a delicate touch and is anti-fingerprint. Meanwhile, the matte surface softens the light to avoid glare.
-The power supply is built-in and the wiring is of the PUSH-IN shrapnel type. It is easy to install, disassemble, and maintain.
-Frosted metal texture and smooth minimalist lines are suitable for high-end commercial scenes, minimalist home spaces, public cultural places, etc





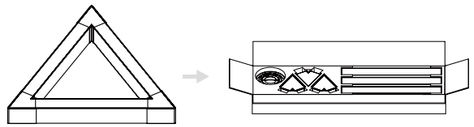
FIXTURE PARAMETERS

Size: 600*600*600mm
Lm: 6000lm±10% (@4000K)
Input Voltage: AC100-277V
Beam Angle: 110°-120°
Nominal Power: 40W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP20
Certification: CE, ROHS
Warranty: 3 years

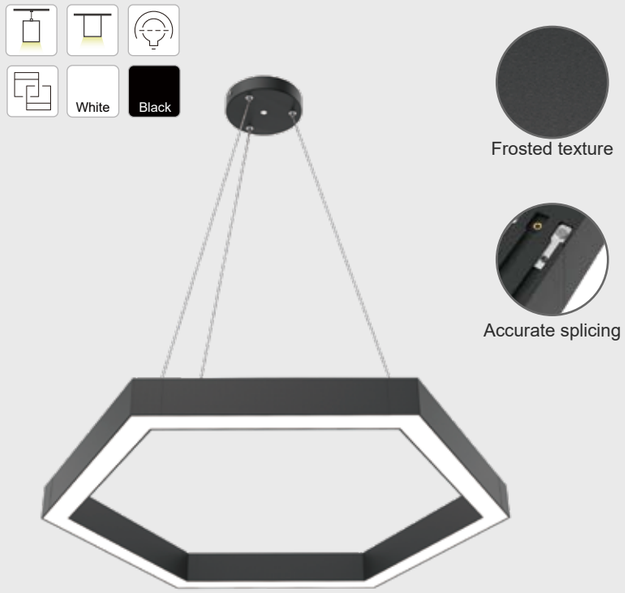
module1

module2

Accessory



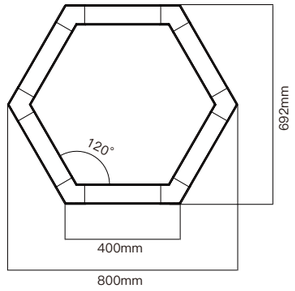
HL-PB5075A-E08



Frosted texture

Accurate splicing

-Modular triangular linear lighting offer infinite possibilities.
-The module joints are precisely designed, with a smooth surface and no protrusions, and smooth overall lines.
-The shell is made of anodized matte aluminum alloy, which has a delicate touch and is anti-fingerprint. Meanwhile, the matte surface softens the light to avoid glare.
-The power supply is built-in and the wiring is of the PUSH-IN shrapnel type. It is easy to install, disassemble, and maintain.
-Frosted metal texture and smooth minimalist lines are suitable for high-end commercial scenes, minimalist home spaces, public cultural places, etc



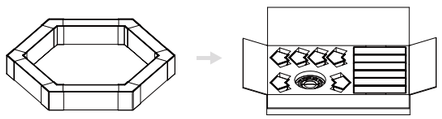
FIXTURE PARAMETERS

Size: 800*692mm
Lm: 6000lm±10%（@4000K）
Input Voltage: AC100-277V
Beam Angle: 110°-120°
Nominal Power: 40W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP20
Certification: CE, ROHS, UL
Warranty: 3 years

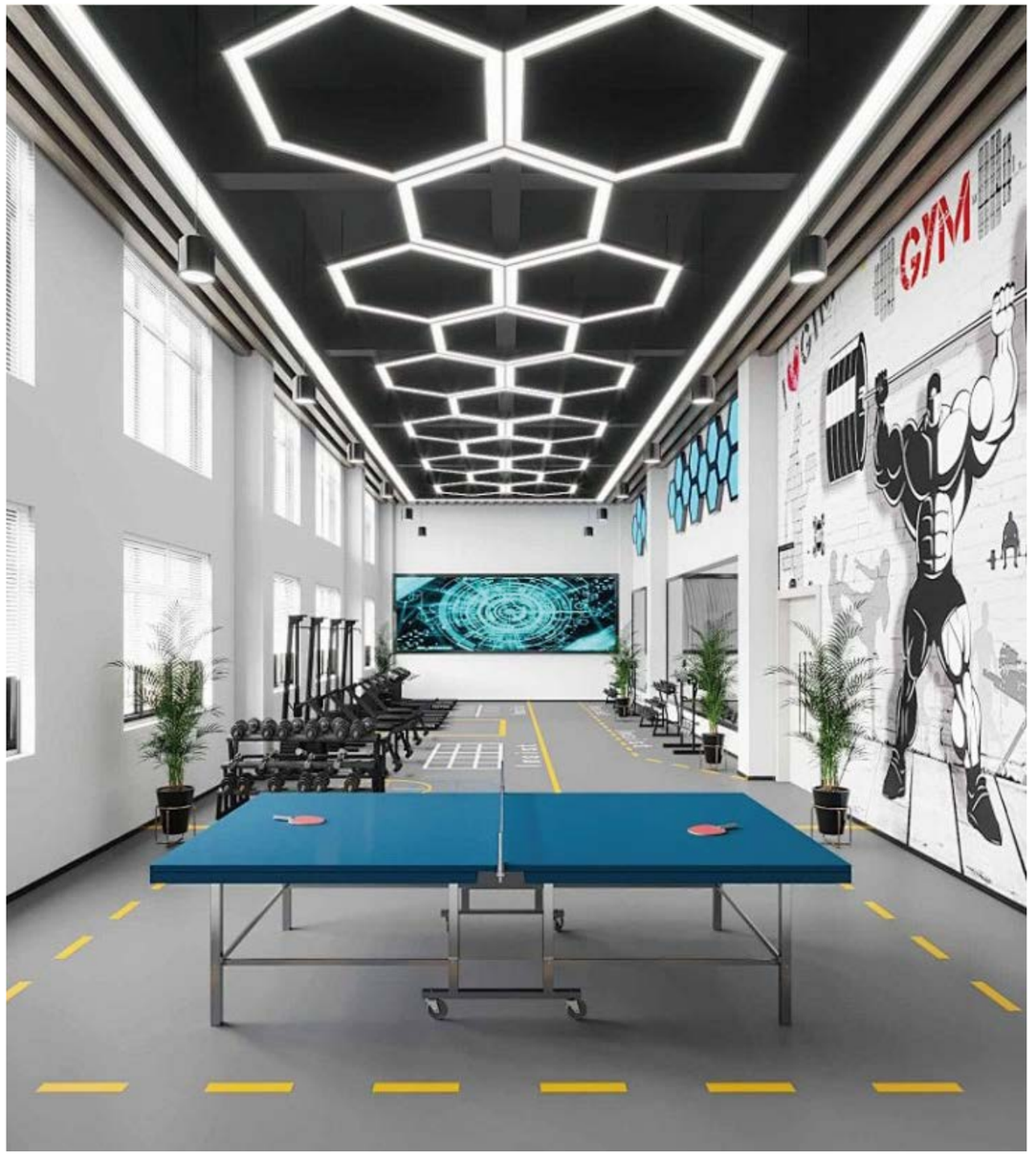
module 1

module 2

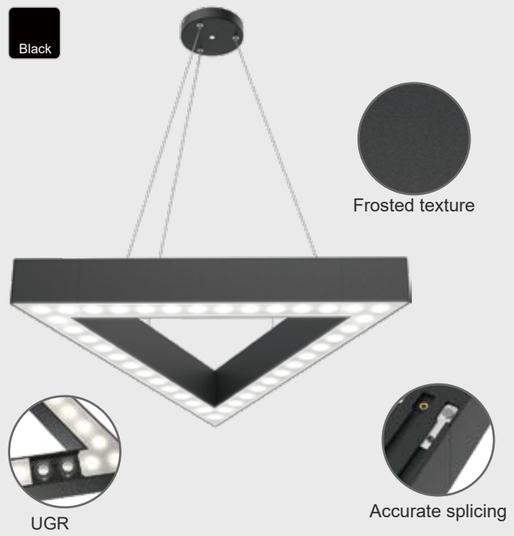
Accessory



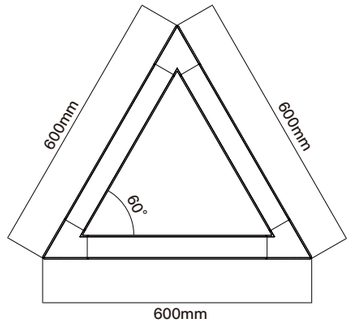
Modular | DIY Splicing | Customizability | Easy Maintenance | Scalability | Flexibility | Shrapnel-type Wiring

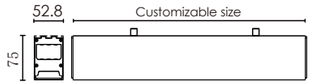


HL-PB5075A-A06-N



-Modular triangular linear lighting offer infinite possibilities.
-It adopts lens + anti-glare reflector cup + prism anti-glare cover design, and the light output is uniform without dark areas.
-Deep anti-glare, UGR<19, the light is comfortable, soft and not dazzling.
-The power supply is built-in and the wiring is of the PUSH-IN shrapnel type. It is easy to install, disassemble, and maintain.
-Minimalist appearance, streamlined design, no height difference, and matte texture craftsmanship make the product high-end, durable and practical





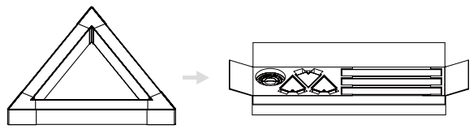
FIXTURE PARAMETERS

Size: 600*600*600mm
Lm: 2800lm±10%（@4000K）
Input Voltage: AC200-240V
Beam Angle: 65°
Nominal Power: 40W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP20
Certification: CE, ROHS
UGR: <19

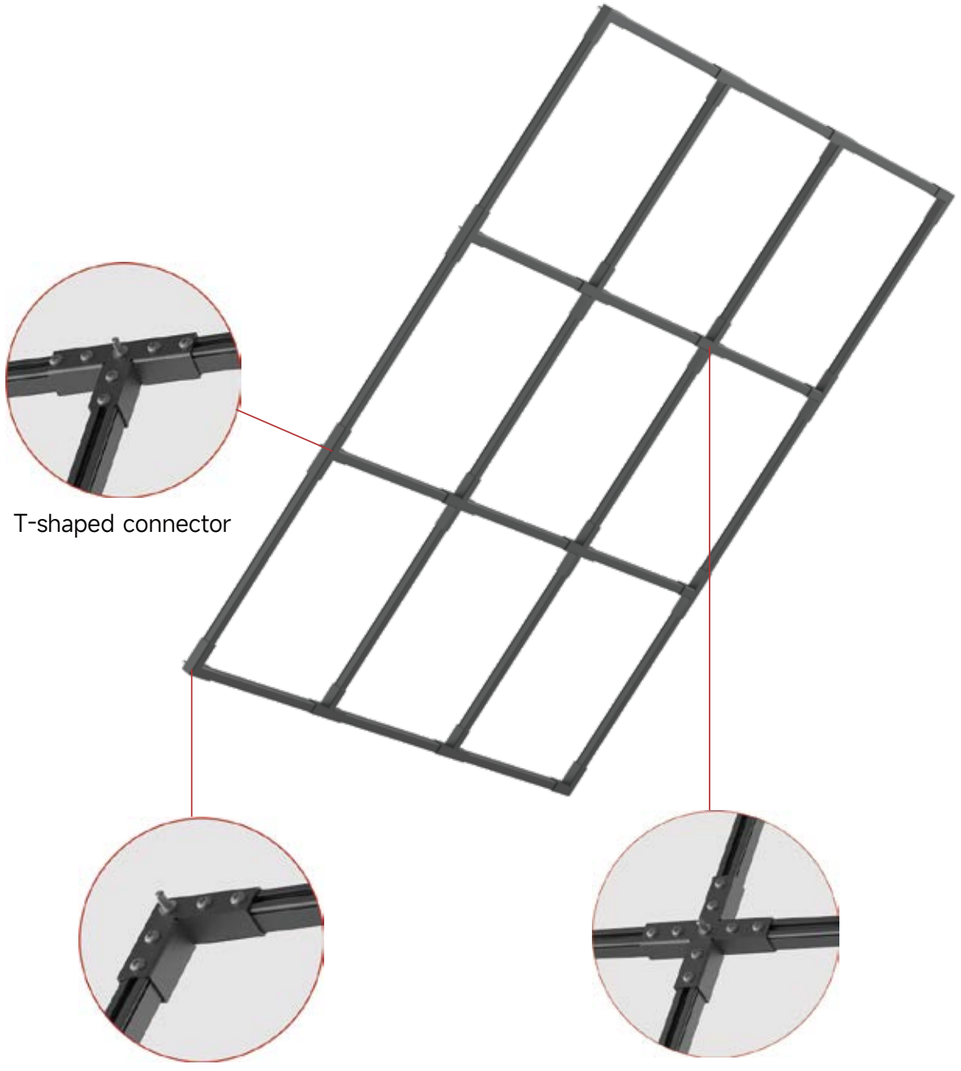
module1

module2

Accessory



SMARTPUZZLE
QUICKSNAP TRACK



T-shaped connector

L-shaped connector

Cross connector

Flexible installation

1.Expansible with standard connectors, adjustable position of the shape light, and capable of various splicing combinations according to creativity.

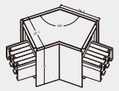
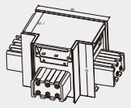
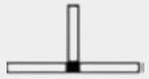
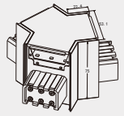
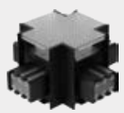
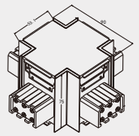
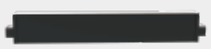
2.Even if the ceiling is uneven, the lamp can be installed horizontally, and the shape remains neat

3.Optimized center of gravity distribution ensures stable and non-shaking installation, eliminating the risk of deviation

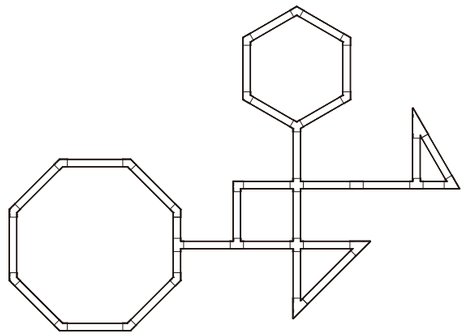
4.Reduced number of holes, simplified wiring, doubled installation efficiency, saving time and effort

FLOOR GRES
graphite

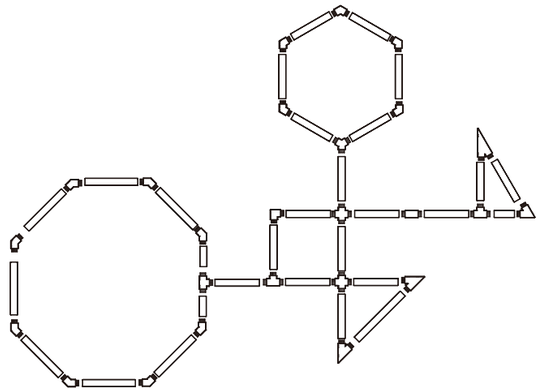
DIY COMPONENTS

Model number	Product	Dimension	Reference pattern
HL-30°			
HL-45°			
HL-60°			
HL-90°			
HL-120°			
HL-135°			
HL-T			
HL-Y			
HL-十			
HL-—			

Engineering case



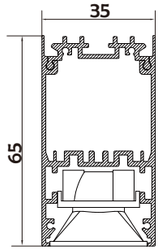
Case decomposition



Modular | DIY Splicing | Customizability | Easy Maintenance | Scalability | Flexibility | Shrapnel-type Wiring

HL-T6535-L12

- Optional cover for the lamp (Reflective cup / PC cover), easy to install and the length can be spliced.
- Professional anti-glare grille reflector cup with optional reflector angle (15 ° / 30 ° / 45 °), anti-glare value UGR <16, comfortable lighting, eye-protecting.
- The constant current built-in power supply is used, which is safe and reliable, no stroboscopic phenomenon.
- Application: offices,conference rooms, supermarkets, schools, home lighting and so on.

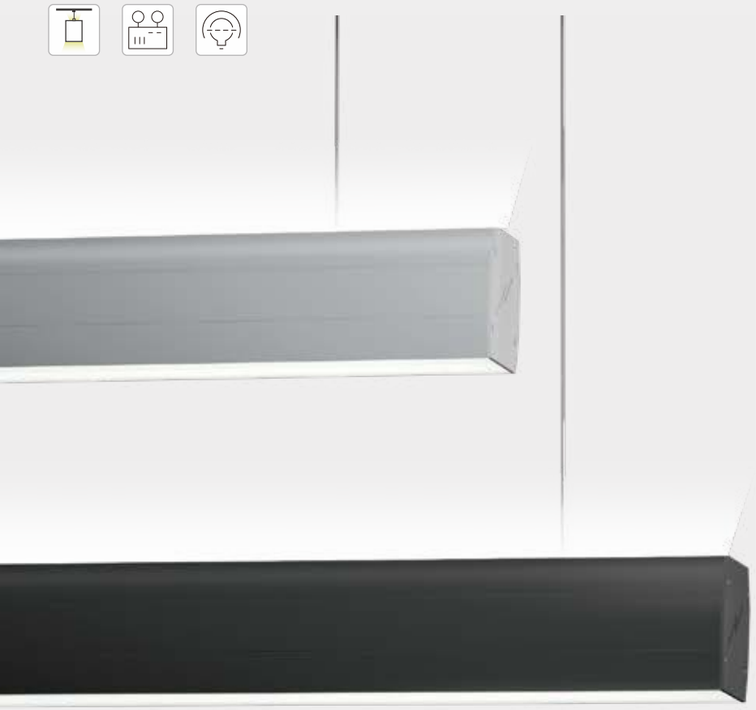


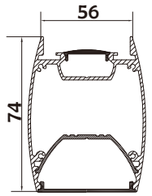
FIXTURE PARAMETERS

Dimension: L1200*W35*H65mm
Luminous Flux: 3150lm
Input Voltage: AC100-240V
Beam Angle: 15°/30°/45°
Nominal Power: 35W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP40
Certification: CE, ROHS
Warranty: 3 years
Color:

Anti-glare grille reflector cup

HL-CA001-L12





FIXTURE PARAMETERS

Dimension: L1200*W56*H74mm
Luminous Flux: (up)900lm*(down)1900lm*
Input Voltage: AC100-240V
Beam Angle: 270°
Nominal Power: (up)10W(down)20W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP40
Certification: CE, ROHS
Warranty: 3 years
Color:

Suspended Rope

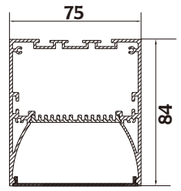
Connector

Aluminum Profile

- Professional appearance design, simple and elegant.
- High quality, energy-efficient LED Lighting for environmental protection.
- Anodized aluminum profile with good heat sink.
- Built-in power supply, no flicker.
- For offices, conference rooms, supermarkets, home lighting, etc.

HL-CA007-L12

- Professional appearance design, simple and elegant.
- High quality, energy-efficient LED Lighting for environmental protection.
- Anodized aluminum profile with good heat sink.
- Built-in power supply, no flicker.
- For offices, conference rooms, supermarkets, home lighting, etc.



FIXTURE PARAMETERS

Dimension: L1200*W75*H84mm

Luminous Flux: Regular: 3800lm / High light effect: 5200lm (optionally)

Luminous Efficiency: Regular: 90lm/w / Emergency: 95lm/w / High light effect: 130lm/w (optionally)

Emergency: Regular / emergency (15w)

Input Voltage: AC100-240V

Beam Angle: 120°

Nominal Power: 40W

CCT: 2700-6500k

CRI: >80

Protection Grade: IP20

Certification: CE, ROHS

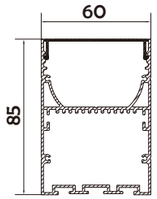
Warranty: 3 years

Color:

Suspended Rope | Connector | Aluminum Profile

HL-CA008-L12

- Professional appearance design, simple and elegant.
- High quality, energy-efficient LED Lighting for environmental protection .
- Anodized aluminum profile with good heat sink.
- Built-in power supply, no flicker.
- For offices, conference rooms, supermarkets, home lighting, etc.



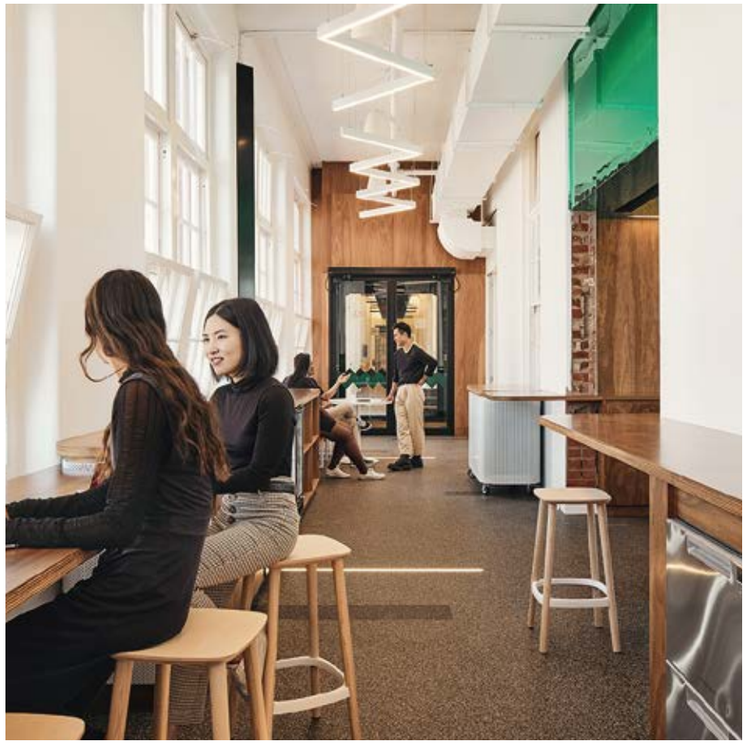
FIXTURE PARAMETERS

Dimension: L1200*W60*H85mm
Luminous Flux: 1500lm
Emergency: Regular / emergency (15w)
Input Voltage: AC100-240V
Beam Angle: 120°
Nominal Power: 20W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP20
Certification: CE, ROHS
Warranty: 3 years
Color:

Suspended Rope

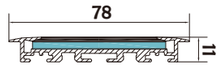
Connector

Aluminum Profile



HL-CA010-L10

- Featuring ultra-thin apperance with a design patent.
- High quality PMMA LGP, Uniform and comfortable light.
- Anodized aluminum profile with good heat sink.
- For offices, conference rooms, supermarkets, home lighting, etc.

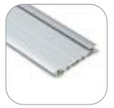


FIXTURE PARAMETERS

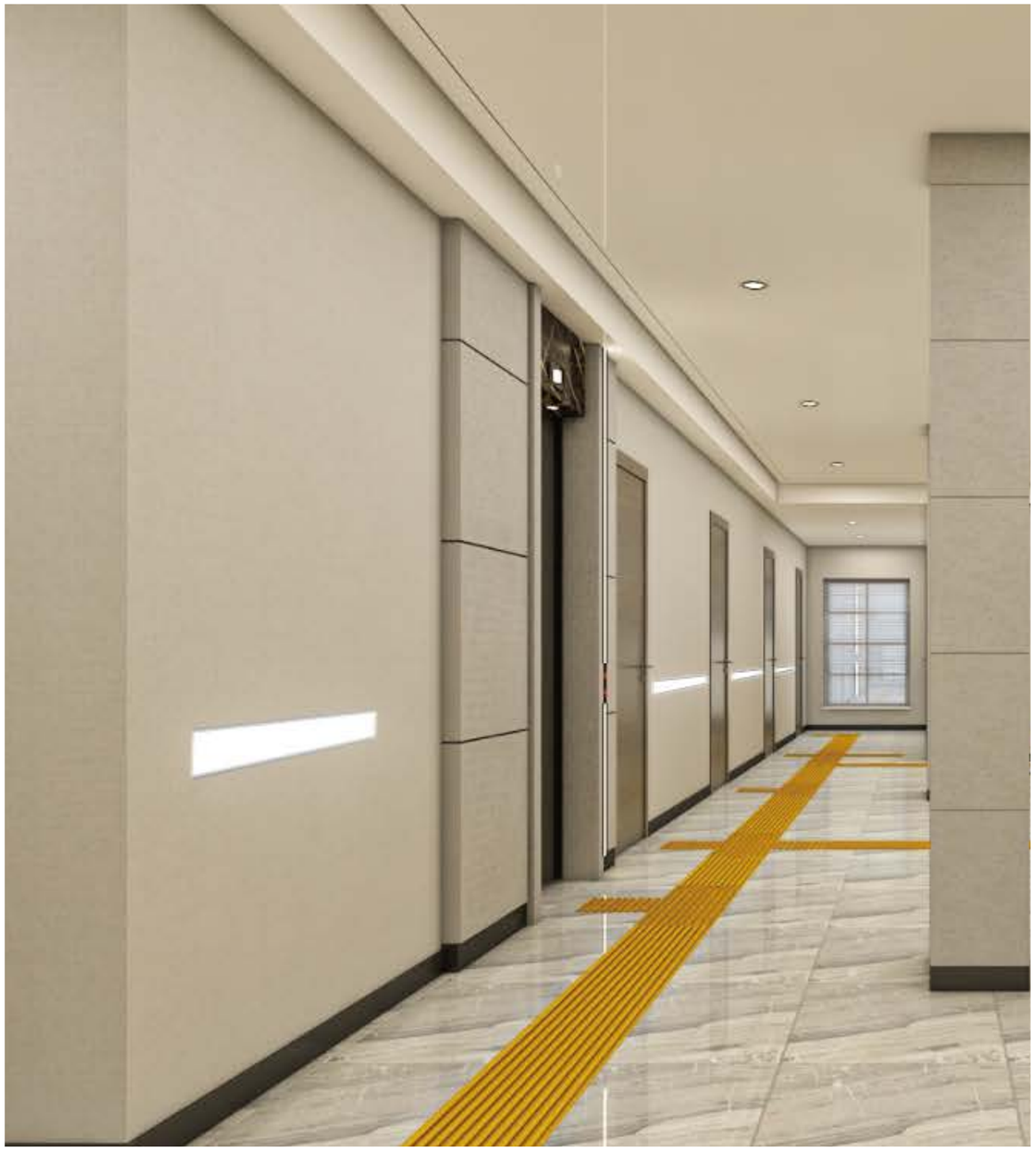
Dimension: L1000*W78*H11mm
Luminous Flux: 720lm
Input Voltage: AC100-240V
Beam Angle: 120°
Nominal Power: 12W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP40
Certification: CE, ROHS
Warranty: 3 years
Color:

End Cap

Mounting Clip

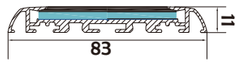

Aluminum Profile

Alu Profile (Back)



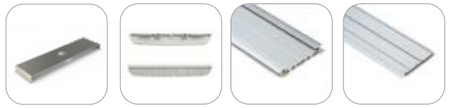
HL-CA011-L10

- Featuring ultra-thin apperance with a design patent.
- High quality PMMA LGP, Uniform and comfortable light.
- Anodized aluminum profile with good heat sink.
- For offices, conference rooms, supermarkets, home lighting, etc.



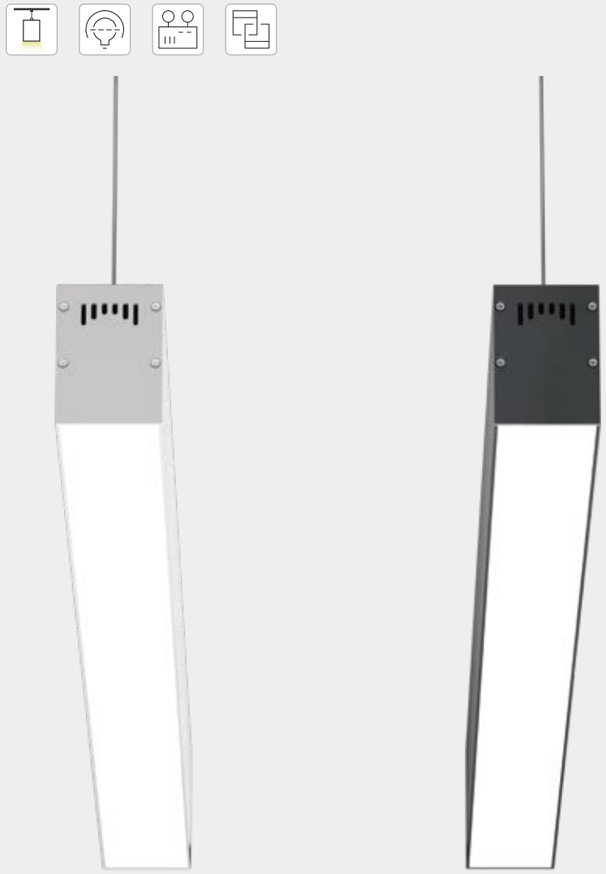
FIXTURE PARAMETERS

Dimension: L1000*W83*H11mm
Luminous Flux: 720lm
Input Voltage: AC100-240V
Beam Angle: 120°
Nominal Power: 12W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP40
Certification: CE, ROHS
Warranty: 3 years
Color:

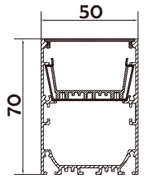


Mounting Clip | End Cover | Aluminum Profile | Alu Profile (Back)

HL-CA018-L12

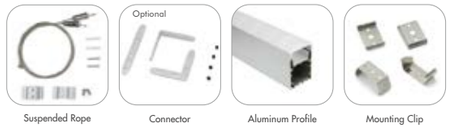


- Professional appearance design, simple and elegant.
- High quality, energy-efficient LED Lighting for environmental protection.
- Anodized aluminum profile with good heat sink.
- Built-in power supply, no flicker.
- For offices, conference rooms, supermarkets, home lighting, etc.

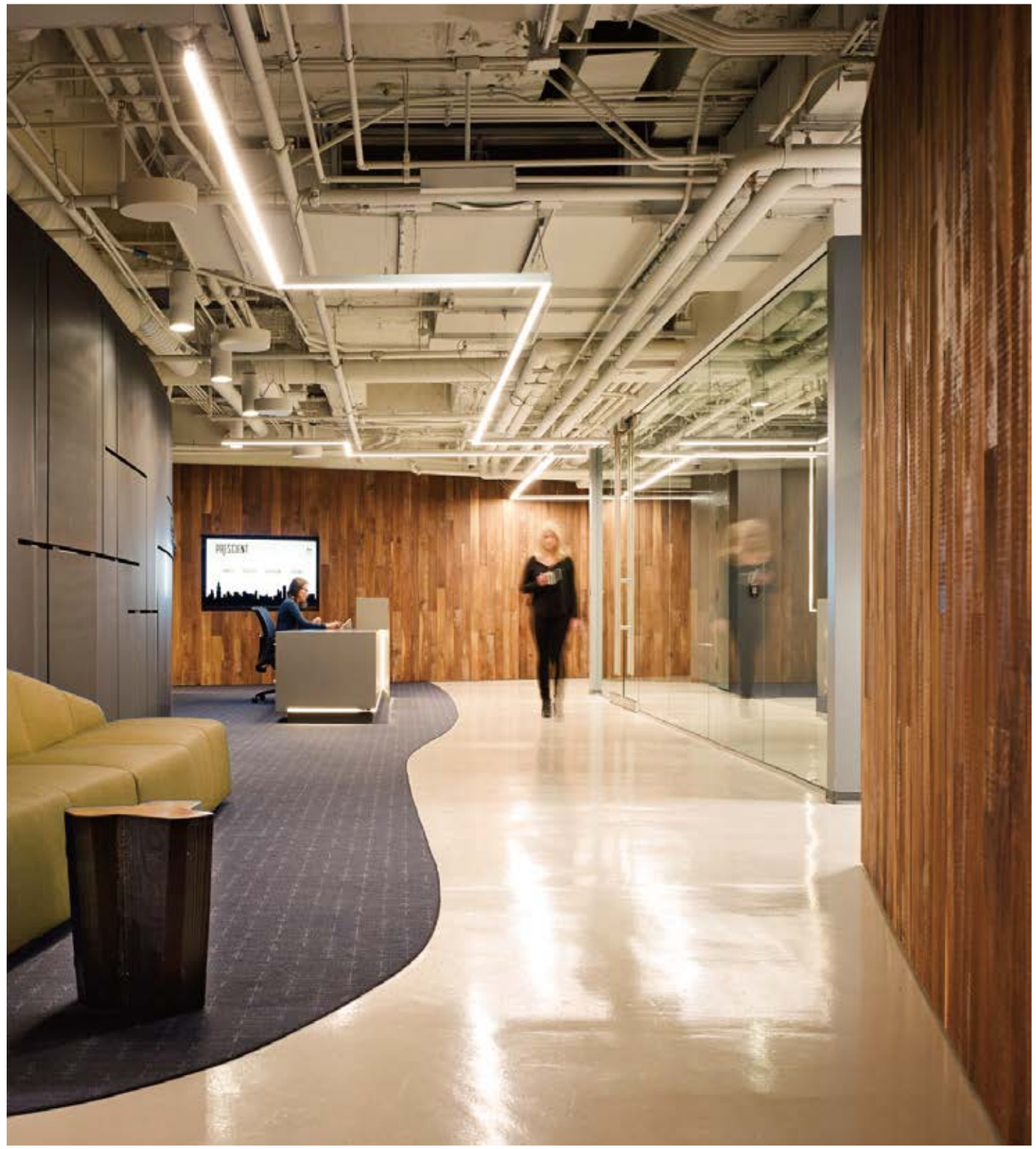


FIXTURE PARAMETERS

Dimension: L1200*W50*H70mm
Luminous Flux: 1350lm
Input Voltage: AC100-240V
Beam Angle: 120°
Nominal Power: 20W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP20
Certification: CE, ROHS
Warranty: 3 years
Color:

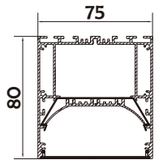


Suspended Rope | Connector | Aluminum Profile | Mounting Clip



HL-CA023-L12

- Professional appearance design, simple and elegant.
- High quality, energy-efficient LED Lighting for environmental protection.
- Anodized aluminum profile with good heat sink.
- Built-in power supply, no flicker.
- For offices, conference rooms, supermarkets, home lighting, etc.



FIXTURE PARAMETERS

Dimension: L1200*W75*H80mm
Luminous Flux: 2800lm
Emergency: Regular / emergency (15w)
Input Voltage: AC100-240V
Beam Angle: 120°
Nominal Power: 35W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP20
Certification: CE, ROHS
Warranty: 3 years
Color:

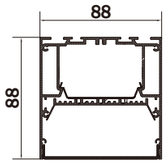
Suspended Rope

Connector

Aluminum Profile

HL-CA024-L12

- Professional appearance design, simple and elegant.
- High quality, energy-efficient LED Lighting for environmental protection.
- Anodized aluminum profile with good heat sink.
- Built-in power supply, no flicker.
- For offices, conference rooms, supermarkets, home lighting, etc.



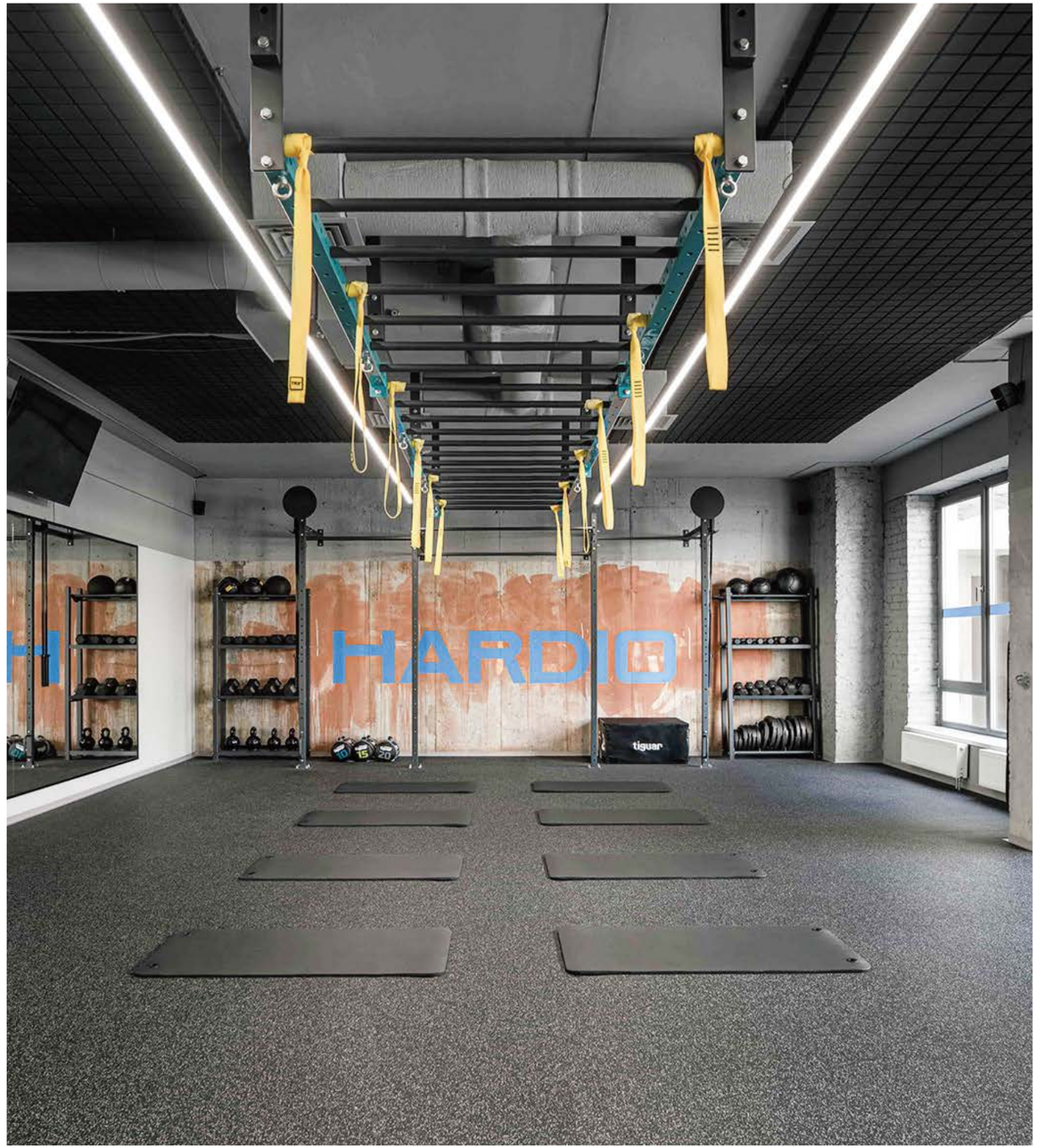
FIXTURE PARAMETERS

Dimension: L1200*W88*H88mm
Luminous Flux: 4000lm
Input Voltage: AC100-240V
Beam Angle: 110°
Nominal Power: 50W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP20
Certification: CE, ROHS
Warranty: 3 years
Color:

Suspended Rope

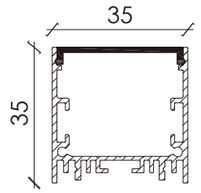
Connector

Aluminum Profile



HL-CA034-1-L12

--Intelligent Control: Supports multiple control methods, including APP control (Tuya ecosystem), remote control (2.4G WIFI + Bluetooth), and smart speaker voice control.
The light color can be set according to personal preferences, and DIY scene modes are also available. It also comes with additional functions such as music sync and timing.
--Scene Application: Adopts an RGB + CCT dual-color temperature combination, which meets the needs of most scenarios such as office, home, and commercial use. Additionally, the RGB ambient lighting offers vivid colors to create a festive atmosphere.



FIXTURE PARAMETERS

Dimension: L1200*W35*H35mm
Luminous Flux: 1100lm
Input Voltage: AC100-240V
Beam Angle: 120°
Nominal Power: 20W
CCT: RGB+CCT（2700K-6500K）
CRI: >80
Protection Grade: IP40
Certification: CE,ROHS
Warranty: 3 years
Color:

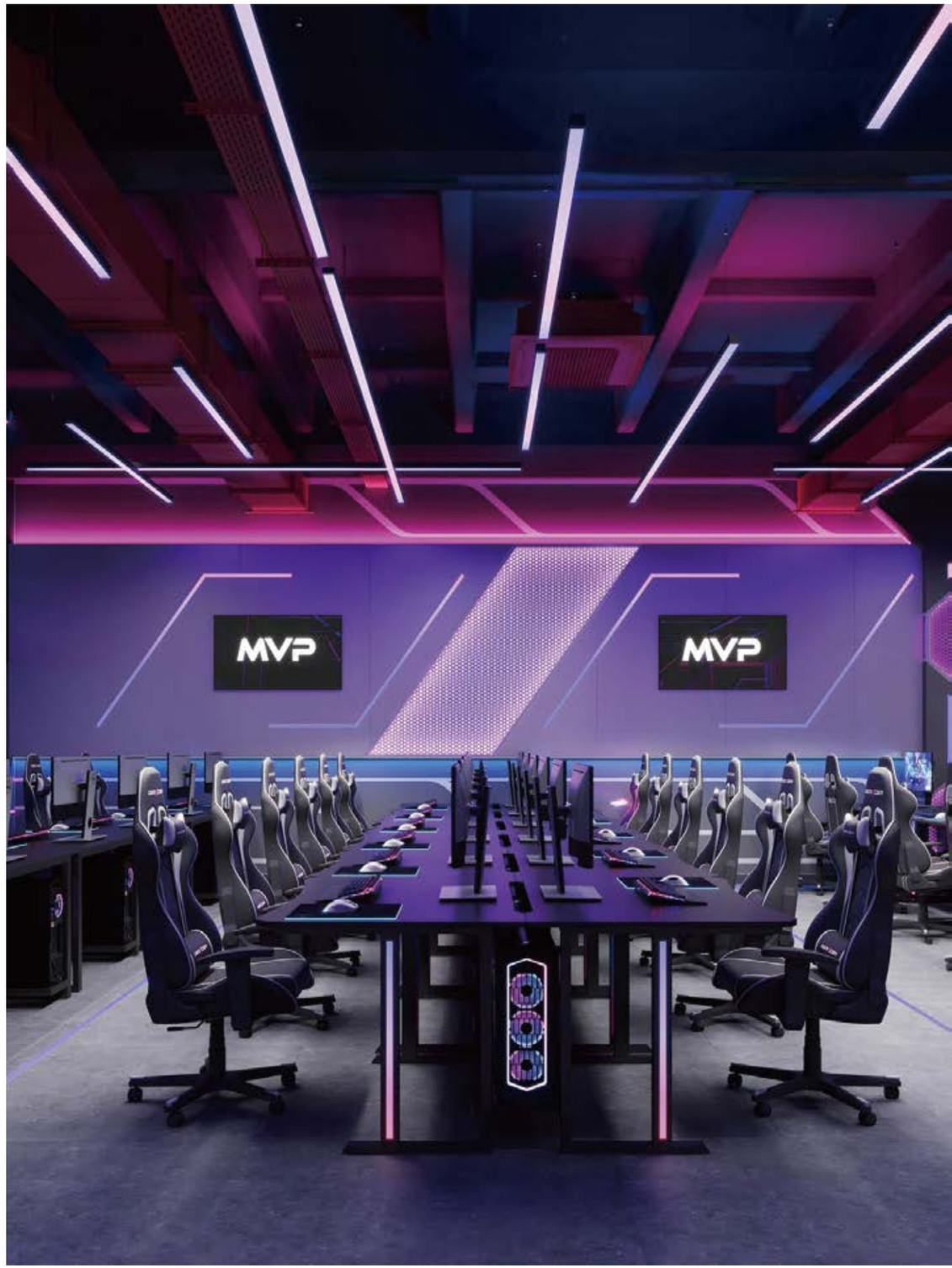
Suspended Rope

Connector

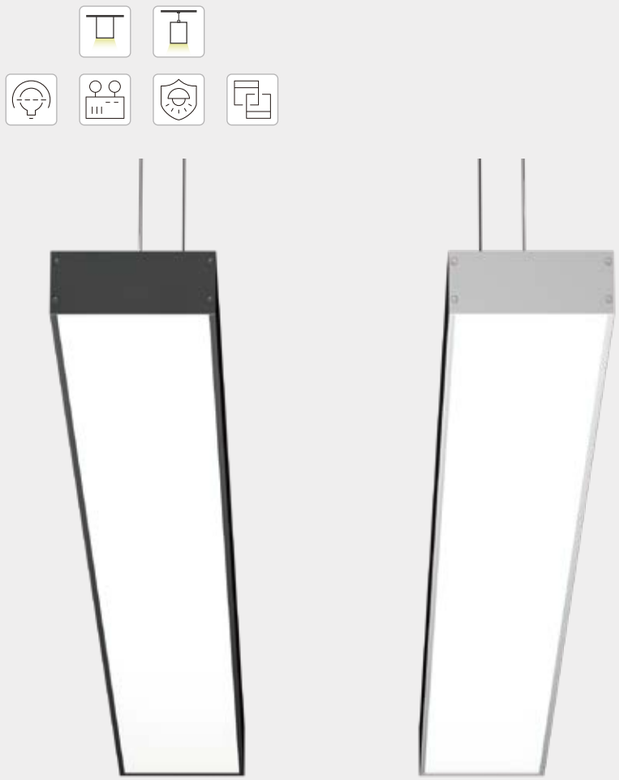
Aluminum Profile

Tuya APP

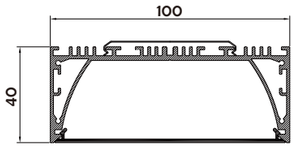
Remote Control



HL-CA049-L12



- Professional appearance design, simple and elegant.
- High quality, energy-efficient LED Lighting for environmental protection.
- Anodized aluminum profile with good heat sink.
- External power supply, no flicker.
- Optional cover for the lamp (PC diffuser cover / prism cover).
- Professional anti-glare prism diffusion plate, anti-glare value UGR < 19, light comfortable and soft, protect eyes.
- Application: offices, conference rooms, supermarkets, schools, home lighting and so on.



FIXTURE PARAMETERS

Dimension: L1200*W100*H40mm

Luminous Flux: Regular: 6000lm / High light effect: 8400lm (optionally)

Luminous Efficiency: Regular: 100lm/w / High light effect: 140lm/w (optionally)

Input Voltage: AC100-240V

Beam Angle: 120°

Nominal Power: 60W

CCT: 2700-6500k

CRI: >80

Protection Grade: IP40

Certification: CE, ROHS

Warranty: 3 years

Color:

Suspended Rope

Mounting Clip

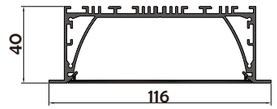
Aluminum Profile

PC Cover (optionally)

Anti-glare prism diffusion plate (optionally)

HL-CA050-L12

- Professional appearance design, simple and elegant.
- High quality, energy-efficient LED Lighting for environmental protection.
- Anodized aluminum profile with good heat sink.
- External power supply, no flicker.
- Optional cover for the lamp (PC diffuser cover / prism cover).
- Professional anti-glare prism diffusion plate, anti-glare value UGR < 19, light comfortable and soft, protect eyes.
- Application: offices, conference rooms, super markets, schools, home lighting and so on.



FIXTURE PARAMETERS

Dimension: L1200*W116*H40mm

Luminous Flux: Regular: 6000lm / High light effect: 8400lm (optionally)

Luminous Efficiency: Regular: 100lm/w / High light effect: 140lm/w (optionally)

Input Voltage: AC100-240V

Beam Angle: 120°

Nominal Power: 60W

CCT: 2700-6500k

CRI: >80

Protection Grade: IP40

Certification: CE, ROHS

Warranty: 3 years

Color:

End Cap

Mounting Clip

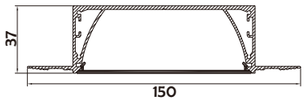
Aluminum Profile

PC Cover (optionally)

Anti-glare prism diffusion plate (optionally)

HL-CA051-L12

- Professional appearance design, simple and elegant.
- High quality, energy-efficient LED Lighting for environmental protection.
- Anodized aluminum profile with good heat sink.
- External power supply, no flicker.
- Optional cover for the lamp (PC diffuser cover / prism cover).
- Professional anti-glare prism diffusion plate, anti-glare value UGR < 19, light comfortable and soft, protect eyes.
- Application: offices, conference rooms, super markets, schools, home lighting and so on.



FIXTURE PARAMETERS

Dimension: L1200*W150*H37mm

Luminous Flux: Regular: 6000lm / High light effect: 8400lm (optionally)

Luminous Efficiency: Regular: 100lm/w / High light effect: 140lm/w (optionally)

Input Voltage: AC100-240V

Beam Angle: 120°

Nominal Power: 60W

CCT: 2700-6500k

CRI: >80

Protection Grade: IP40

Certification: CE, ROHS

Warranty: 3 years

Color:

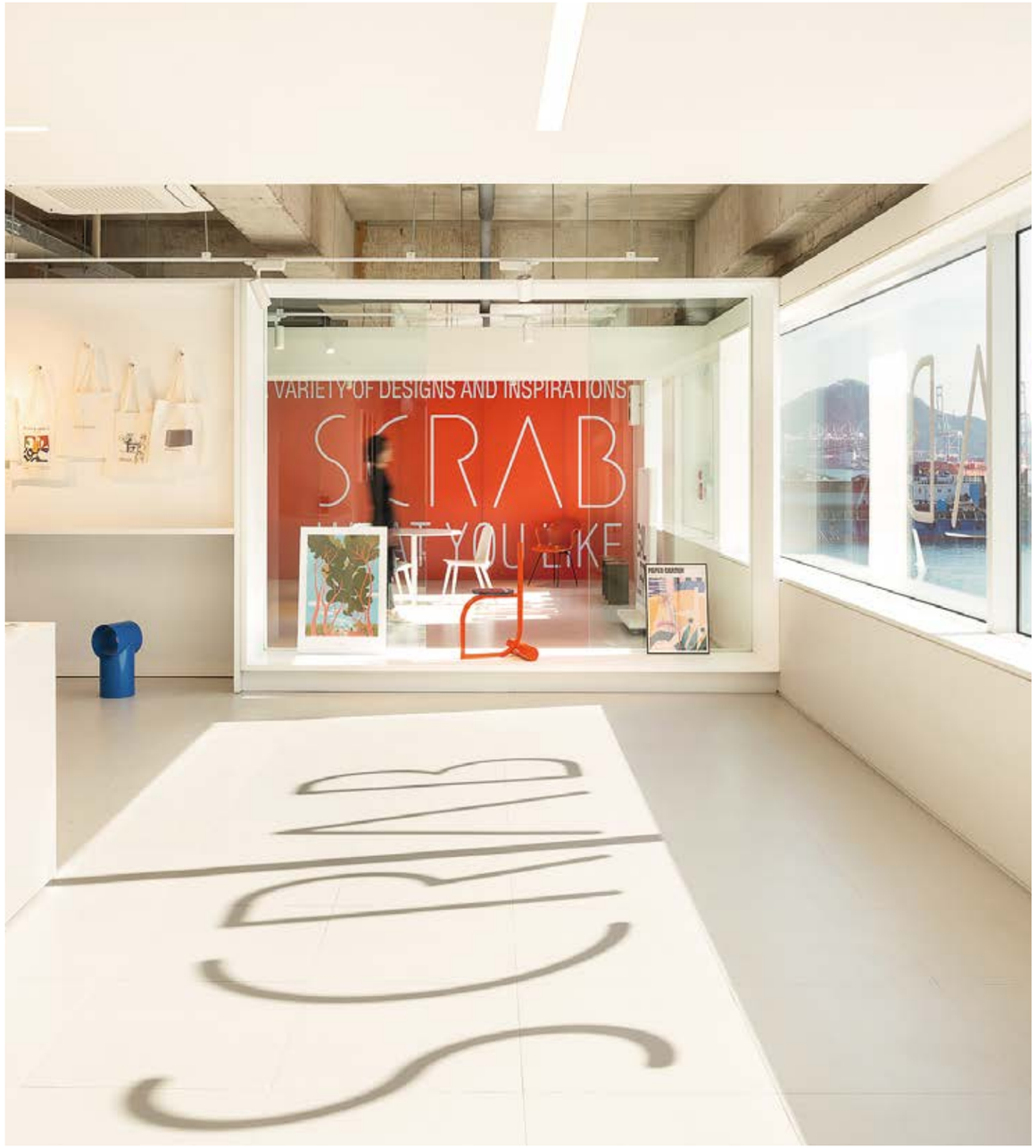
Suspended Rope

End Cap

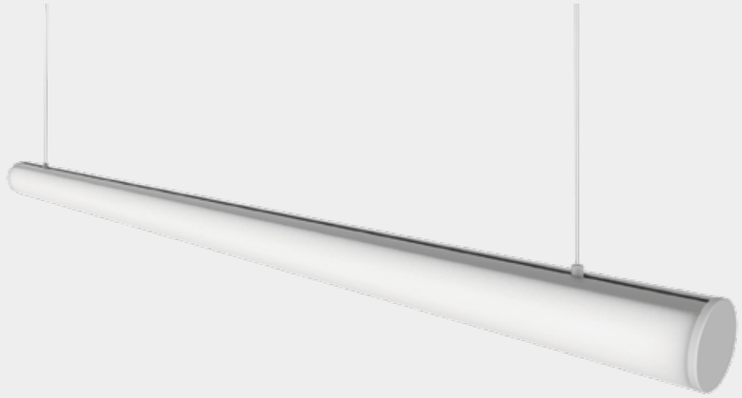
Aluminum Profile

PC Cover (optionally)

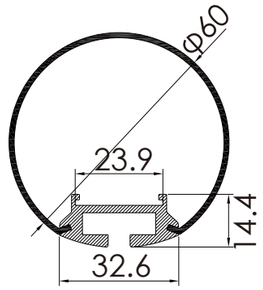
Anti-glare prism diffusion plate (optionally)



HL-CA069-1-L12



-Sharp lines, simple appearance.
-DALI dimming and color-tuning function, compatible with various DALI intelligent dimming systems and KNX protocol-based intelligent systems on the market.
-Adopting digital control output with no flicker, and the dimming and color-tuning process is smooth and jitter-free.
-Deep dimming design with gradual light on and off.
-For offices, conference rooms, supermarkets, home lighting, etc



FIXTURE PARAMETERS

Dimension: L1200*W60*H60mm
LM: 2600lm@4000K
Input Voltage: AC100-240V
Beam Angle: 270°
Nominal Power: 21W
CCT: 2700+6500k
Dimming: DALI
CRI: >80
Protection Grade: IP40
Certification: CE, ROHS
Warranty: 3 years
Color:

Aluminum Profile

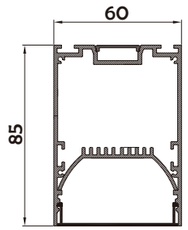
Ceiling Mounting Plate

Optional
Connector

Optional
Controller

HL-CA072-L12

- Professional appearance design, simple and elegant.
- High quality, energy-efficient LED Lighting for environmental protection.
- Anodized aluminum profile with good heat sink.
- Built-in power supply, no flicker.
- Applications: offices, conference rooms, supermarkets, schools, home lighting and so on.



FIXTURE PARAMETERS

Dimension: L1200*W60*H85mm
Luminous Flux: (up)750lm/(down)2200lm
Emergency: Regular / emergency (15w)
Input Voltage: AC100-240V
Beam Angle: 220°
Nominal Power: (up)10W/(down)30W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP40
Certification: CE, ROHS
Warranty: 3 years
Color:

Suspended Rope

Connector

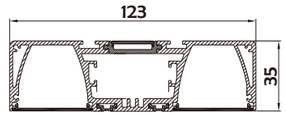
Aluminum Profile

Local Graph

HIGH QUALITY LAMPS

HL-CA073-L12

- Professional appearance design, simple and elegant.
- High quality, energy-efficient LED Lighting for environmental protection.
- Anodized aluminum profile with good heat sink.
- Built-in power supply, no flicker.
- Applications: offices, con ference rooms, supermar kets, schools, home lighting and so on.



FIXTURE PARAMETERS

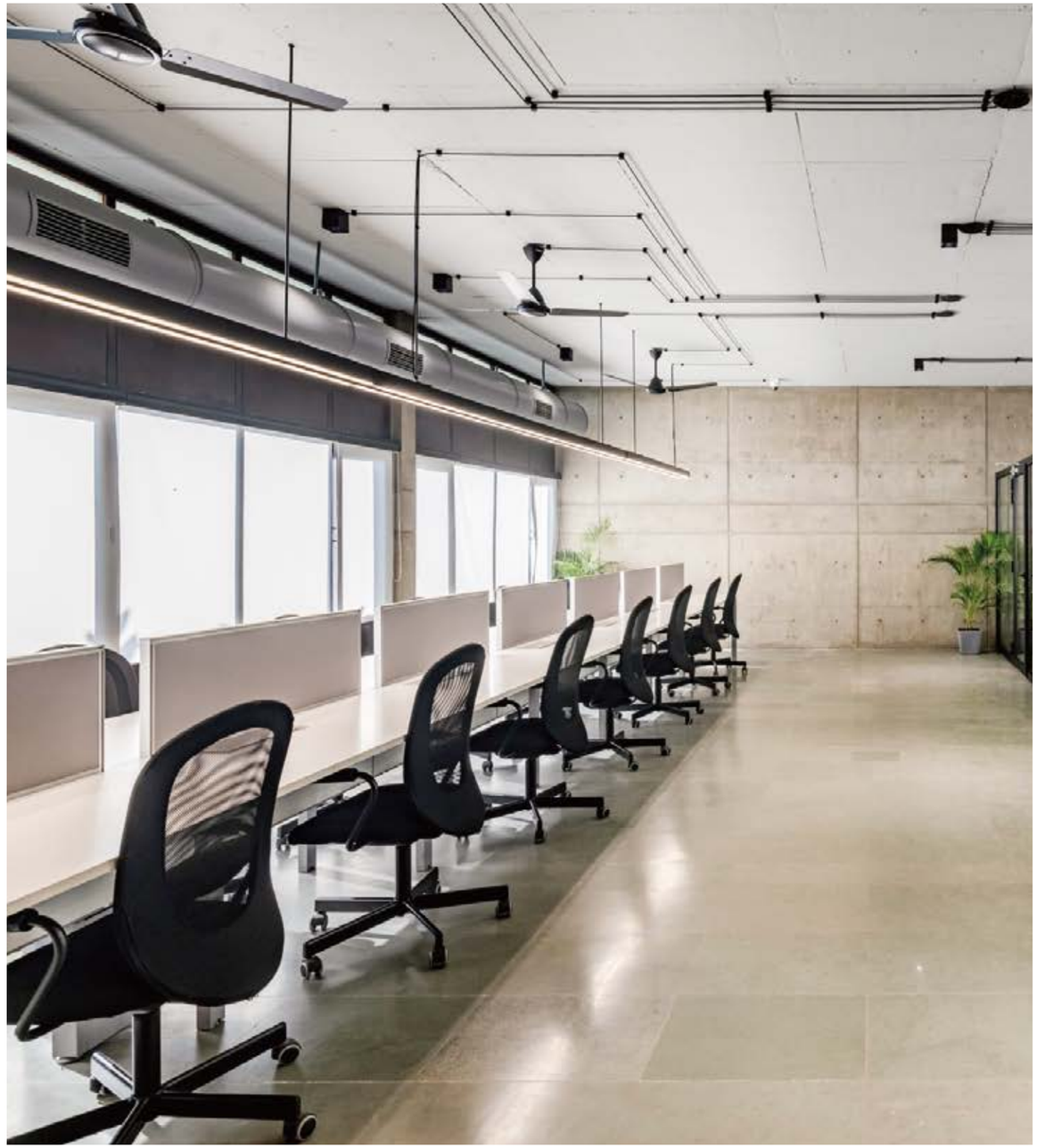
Dimension: L1200*W123*H35mm
Luminous Flux: (up)1500lm/(down)2900lm
Input Voltage: AC100-240V
Beam Angle: 220°
Nominal Power: (up)20W/(down)40W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP40
Certification: CE, ROHS
Warranty: 3 years
Color:

Suspended Rope

Connector

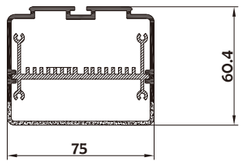
Aluminum Profile

Local Graph



HL-SA081-L12

- Professional appearance design, simple and elegant.
- High quality, energy-efficient LED Lighting for environmental protection.
- IP65 Waterproof rating.
- Anodized aluminum profile with good heat sink.
- Built-in power supply, no flicker.
- Application: offices, conference rooms, shopping malls, dust-free workshop, hospitals, schools, etc.



FIXTURE PARAMETERS

Dimension: L1200*W75*H60.4mm

Luminous Flux: Regular: 6100lm / High light effect: 9100lm (optionally)

Emergency: Regular / emergency (15w)

Input Voltage: AC100-240V

Beam Angle: 120°

Nominal Power: 65W

CCT: 2700-6500k

CRI: >80

Protection Grade: IP65

Certification: CE, ROHS

Warranty: 3 years

Color:

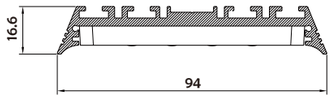
Suspended Rope

Connector

Aluminum Profile

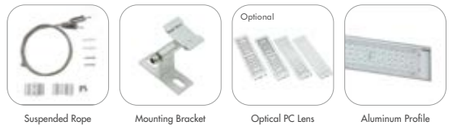
HL-TA041-L12

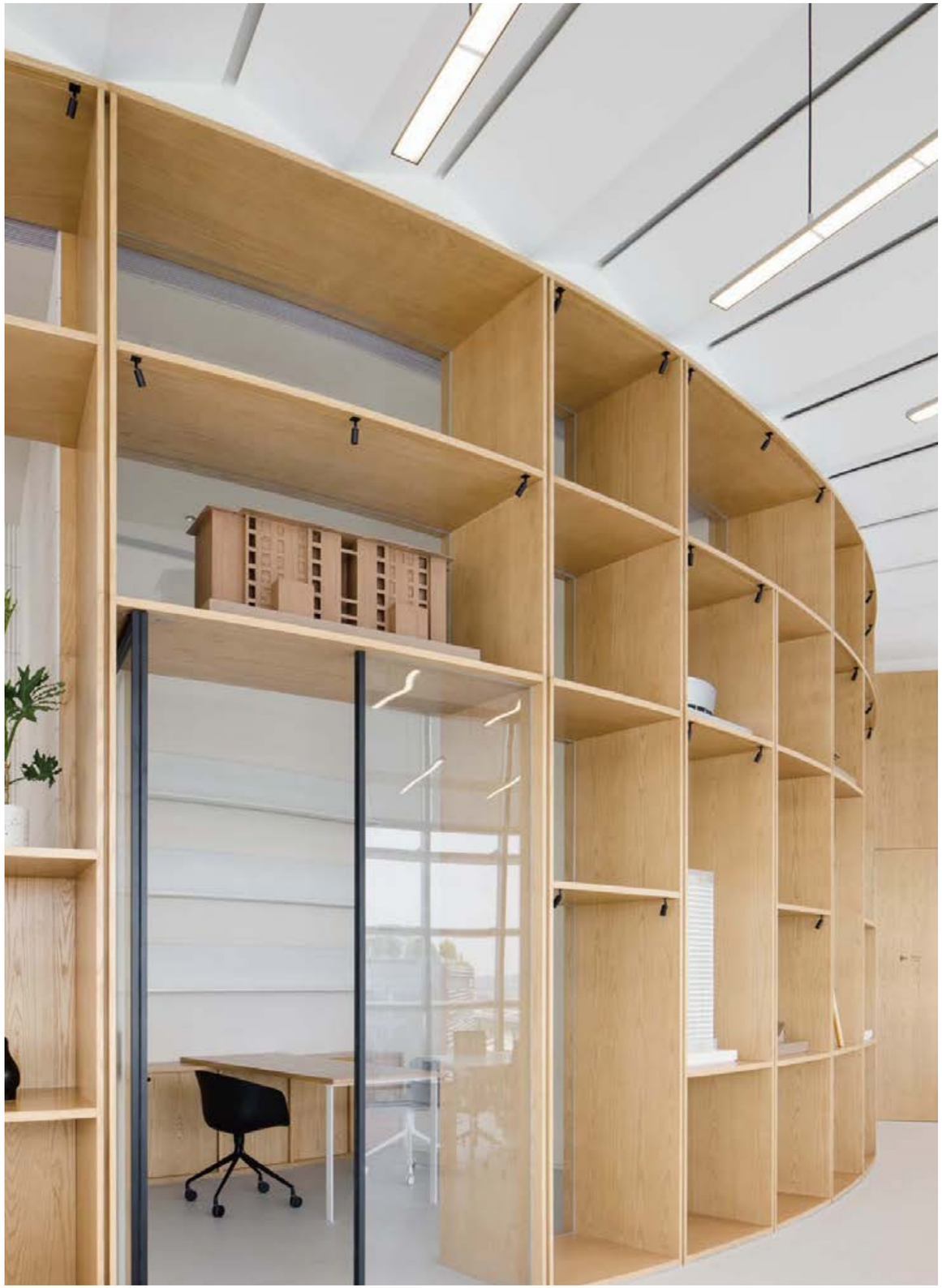
- Professional appearance design, simple and elegant.
- luminous efficacy up to 140lm/w.
- Professional optical PC lens, high transmittance, Optional lens angle (30/60/90°).
- External power supply, IP40 and splice design.
- Anodized aluminum profile with good heat sink.
- For offices, Industrial Lighting, Commercial Lighting, Workshop Lighting, Warehouse Lighting etc.



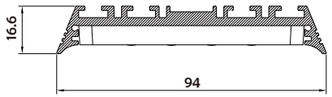
FIXTURE PARAMETERS

Dimension: L1200*W94*H16.6mm
Luminous Flux: 9400lm
Input Voltage: AC100-240V
Beam Angle: 30/60/90°
Nominal Power: 70W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP40
Certification: CE, ROHS
Warranty: 3 years
Color:





HL-TA041S-L12



FIXTURE PARAMETERS

Dimension: L1200*W94*H16.6mm
Luminous Flux: 9100lm
Input Voltage: AC100-240V
Beam Angle: 30°/60°/90°
Nominal Power: 70W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP65
Certification: CE, ROHS
Warranty: 3 years
Color:

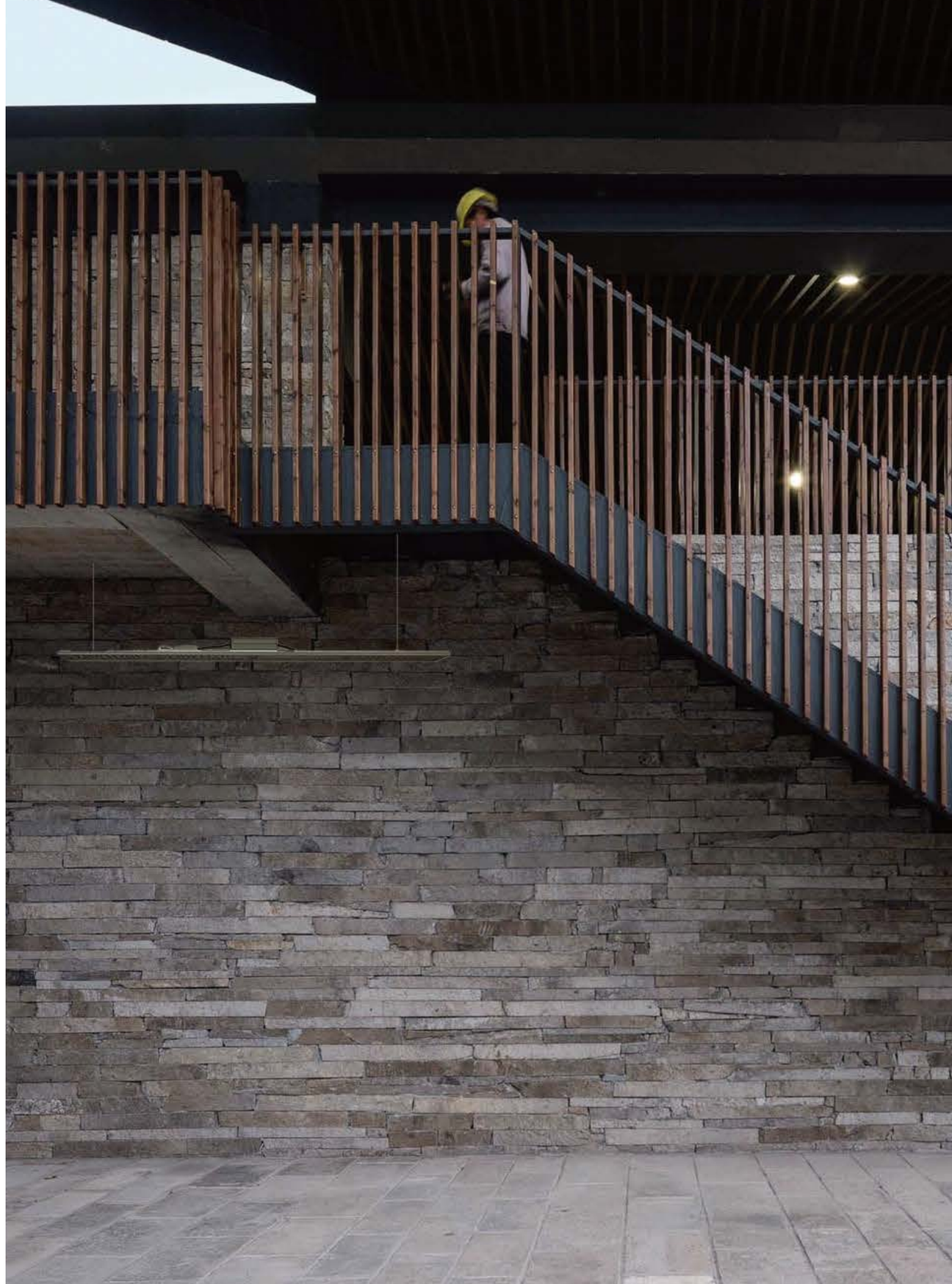
Waterproof Ring

Mounting Bracket

Optical PC Lens

Aluminum Profile

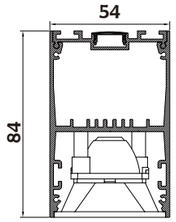
- Professional appearance design, simple and elegant.
- luminous efficacy up to 130lm/w.
- Professional optical PC lens, high transmittance, Optional lens angle (30°/60°/90°).
- External power supply, IP65 and splice design.
- Anodized aluminum profile with good heat sink.
- For offices, Industrial Lighting, Commercial Lighting, Workshop Lighting, Warehouse Lighting etc.



HOOKS

HL-TA046-L12

- Professional appearance design, simple and elegant.
- High quality, energy-efficient LED Lighting for environmental protection.
- Built-in power supply, no flicker.
- The lamp can be freely matched with various combinations (Reflector cup/PC cover/Dark cover).
- Professional anti-glare grille reflector cup, anti-glare value UGR<16, light comfort, eye protection.
- Application: offices, conference rooms, supermarkets, schools, home lighting and so on.



FIXTURE PARAMETERS

Dimension: L1200*W54*H84mm

Luminous Flux: (up)1100lm / (down)2400lm

Input Voltage: AC100-240V

Beam Angle: 15°/30°/45°

Nominal Power: (up)15W / (down)35W

CCT: 2700-6500k

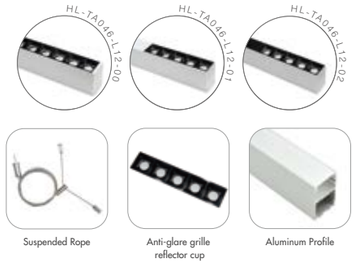
CRI: >80

Protection Grade: IP40

Certification: CE, ROHS

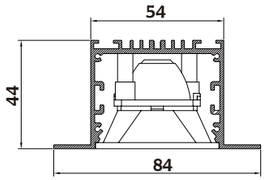
Warranty: 3 years

Color:



HL-TA047-L12

- Professional appearance design, simple and elegant.
- High quality, energy-efficient LED Lighting for environmental protection.
- External power supply, no flicker.
- Optional cover for the lamp (Reflector cup / PC cover).
- Professional anti-glare grille reflector cup, anti-glare value UGR<16, light comfort, eye protection.
- Application: offices, conference rooms, supermarkets, schools, home lighting and so on.

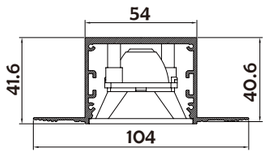


FIXTURE PARAMETERS

Dimension: L1200*W84*H44mm
Luminous Flux: 3400lm / 4500lm
Input Voltage: AC100-240V
Beam Angle: 15°/30°/45°
Nominal Power: 50W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP40
Certification: CE, ROHS
Warranty: 3 years
Color:

HL-TA048-L12

- Professional appearance design, simple and elegant.
- High quality, energy-efficient LED Lighting for environmental protection.
- External power supply, no flicker.
- Optional cover for the lamp (Reflector cup / PC cover).
- Professional anti-glare grille reflector cup, anti-glare value UGR<16, light comfort, eye protection.
- Application: offices, conference rooms, supermarkets, schools, home lighting and so on.



FIXTURE PARAMETERS

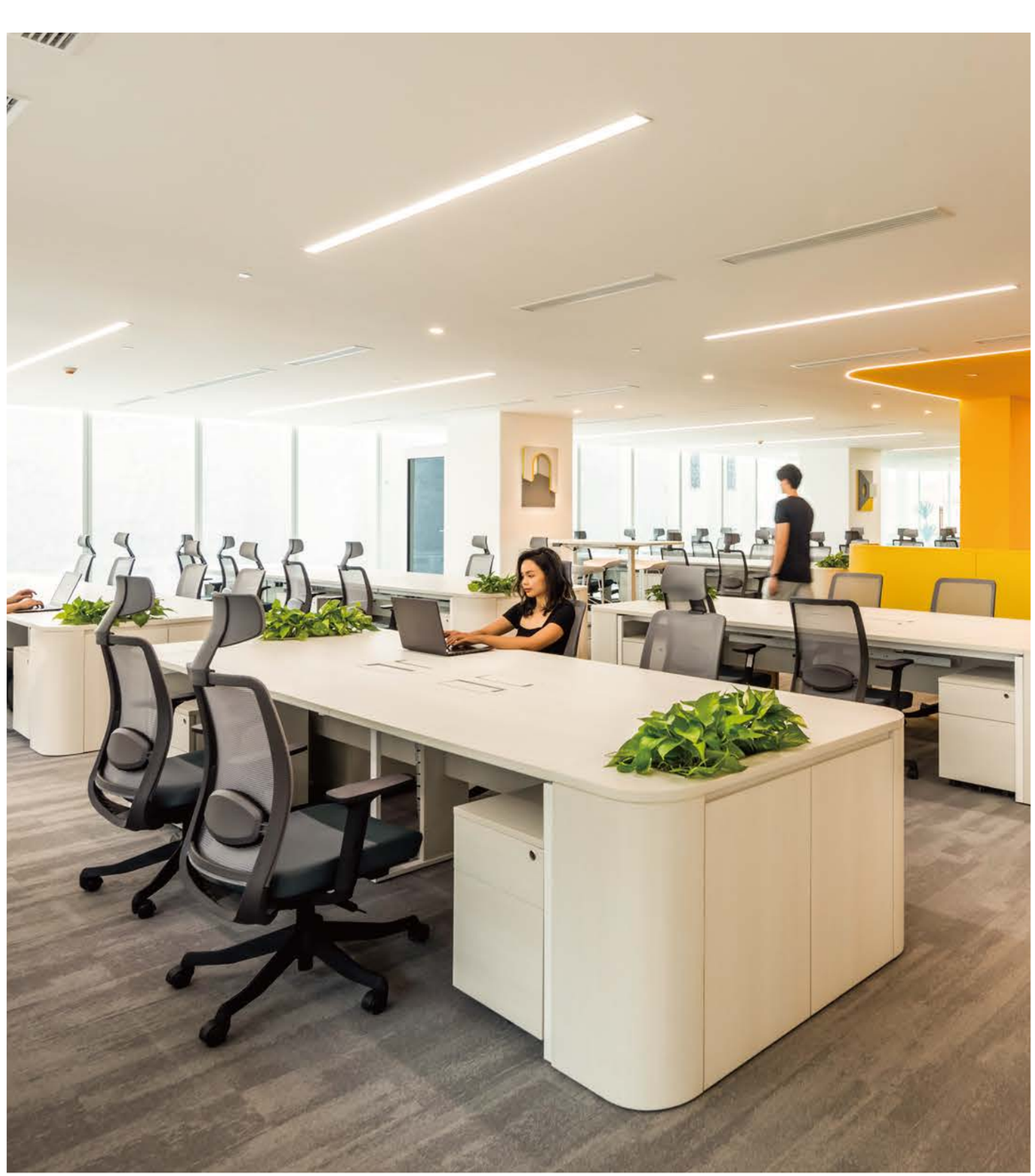
Dimension: L1200*W104*H41.6mm
Luminous Flux: 3600lm /4500lm
Input Voltage: AC100-240V
Beam Angle: 15°/30°/45°
Nominal Power: 50W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP40
Certification: CE, ROHS
Warranty: 3 years
Color:

End cover

Aluminum Profile

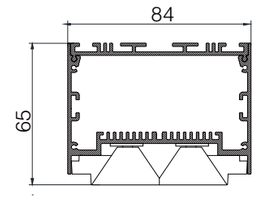
Anti-glare grille reflector cup (optionally)

PC Cover (optionally)



HL-TA083-L12

- Professional appearance design, simple and elegant.
- LED 2835-0.5W single chip, low power consumption, long life, good heat dissipation, energy saving and environmental protection.
  Built-in power supply, no flicker.
- The whole lamp can be used for
- transverse splicing and longitudinal splicing.
  Professional square cone reflector
- with reflective glass Angle 60° * 70°, stylish appearance, exquisite and unique.
  Application:offices,conference
- rooms,supermarkets, schools, home lighting and so on.



FIXTURE PARAMETERS

Dimension: L1200*W84*H65mm
Luminous Flux: 7600lm
Emergency: Regular / emergency (15w)
Input Voltage: AC100-240V
Beam Angle: 60° * 70°
Nominal Power: 65W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP40
Certification: CE, ROHS
Warranty: 3 years
Color:

Suspended Rope

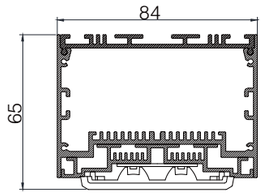
Connector

Local Graph

Connection mode

HL-TA087-L12

- Professional appearance design, simple and elegant.
- High quality, energy-efficient LED Lighting for environmental protection.
- Built-in power supply, no flicker.
- Professional optical lens design, using optical PMMA raw materials, double-row luminous design, spot uniform.
- Optional lens angle 30°/60°/90°, double polar ization 30°, single polarization 20°.



FIXTURE PARAMETERS

Dimension: L1200*W84*H65mm

Luminous Flux: 6800lm

Emergency: Regular / emergency (15w)

Input Voltage: AC100-240V

Beam Angle: 30°/60°/90°/
double polarization 30°/ Single polarization 20°

Nominal Power: 65W

CCT: 2700-6500k

CRI: >80

Protection Grade: IP40

Certification: CE, ROHS

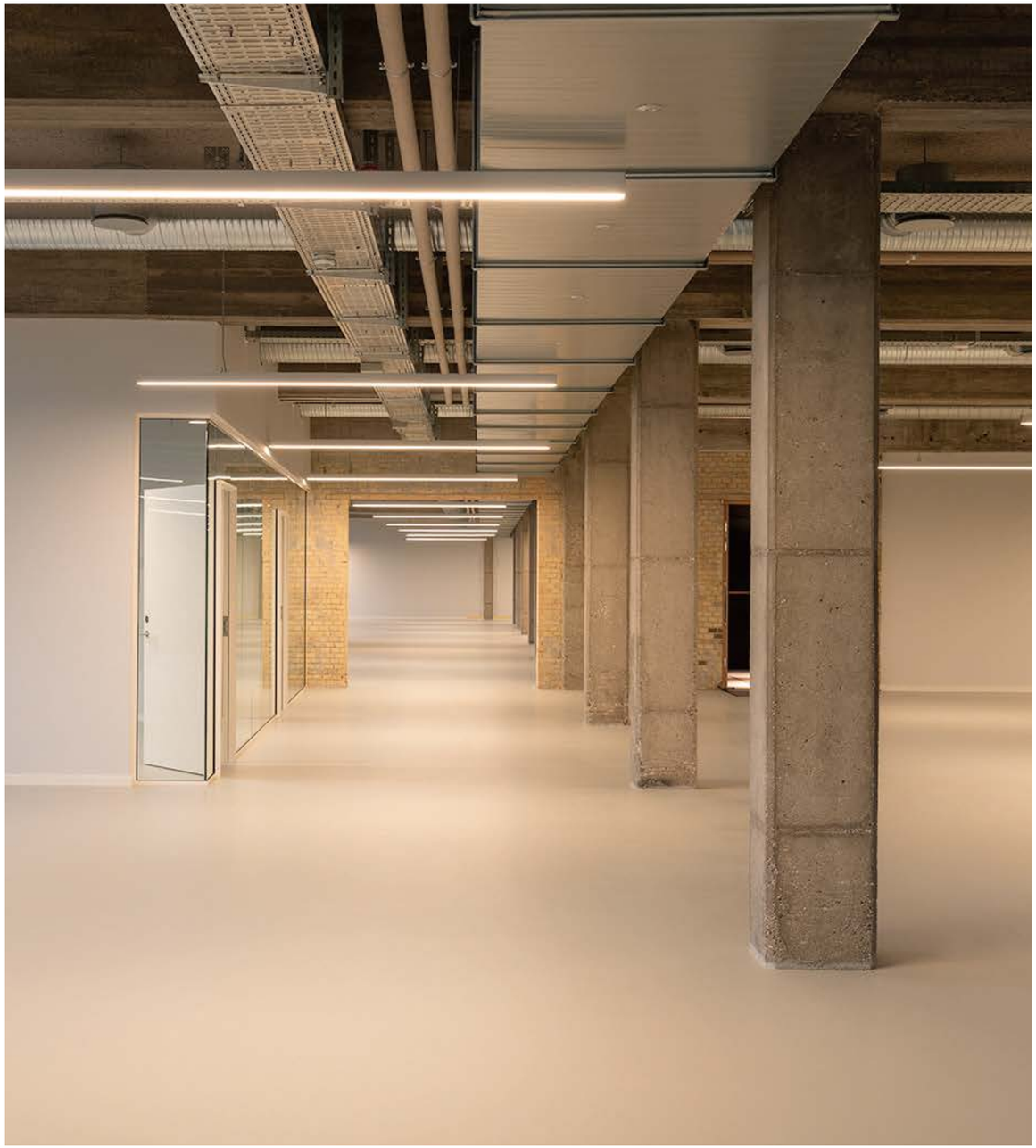
Warranty: 3 years

Color:

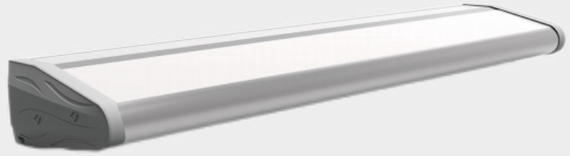
Suspended Rope

End Cap

Transverse Splice Bar

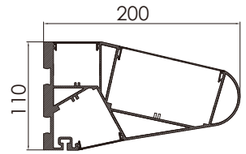


HL-YA009C-L10



HL-YA009D-L10

- Keep simple and elegant appearance with patent design.
- High quality, energy-efficient LED Lighting for environmental protection.
- Built-in power supply, no flicker.
- Dimming and coloring with remote control (YA009C).
- Touch stepless dimming (YA009D).
- Applicable for hotel, home lighting, VIP nurse station/VIP business restrooms, etc.
- Dimming by remote control.



FIXTURE PARAMETERS

Dimension: L1000*W200*H110mm

Luminous Flux: HL-YA009C-L10: 2600lm / HL-YA009D-L10: 1000lm

Input Voltage: AC100-240V

Dimming toning: YES

Nominal Power: HL-YA009C-L10: 36W+36W / HL-YA009D-L10: 18W+18W

CCT: HL-YA009C-L10: 2700-6500k+Blue / HL-YA009D-L10: 2700-6500k

CRI: >80

Protection Grade: IP40

Certification: CE, ROHS

Warranty: 3 years

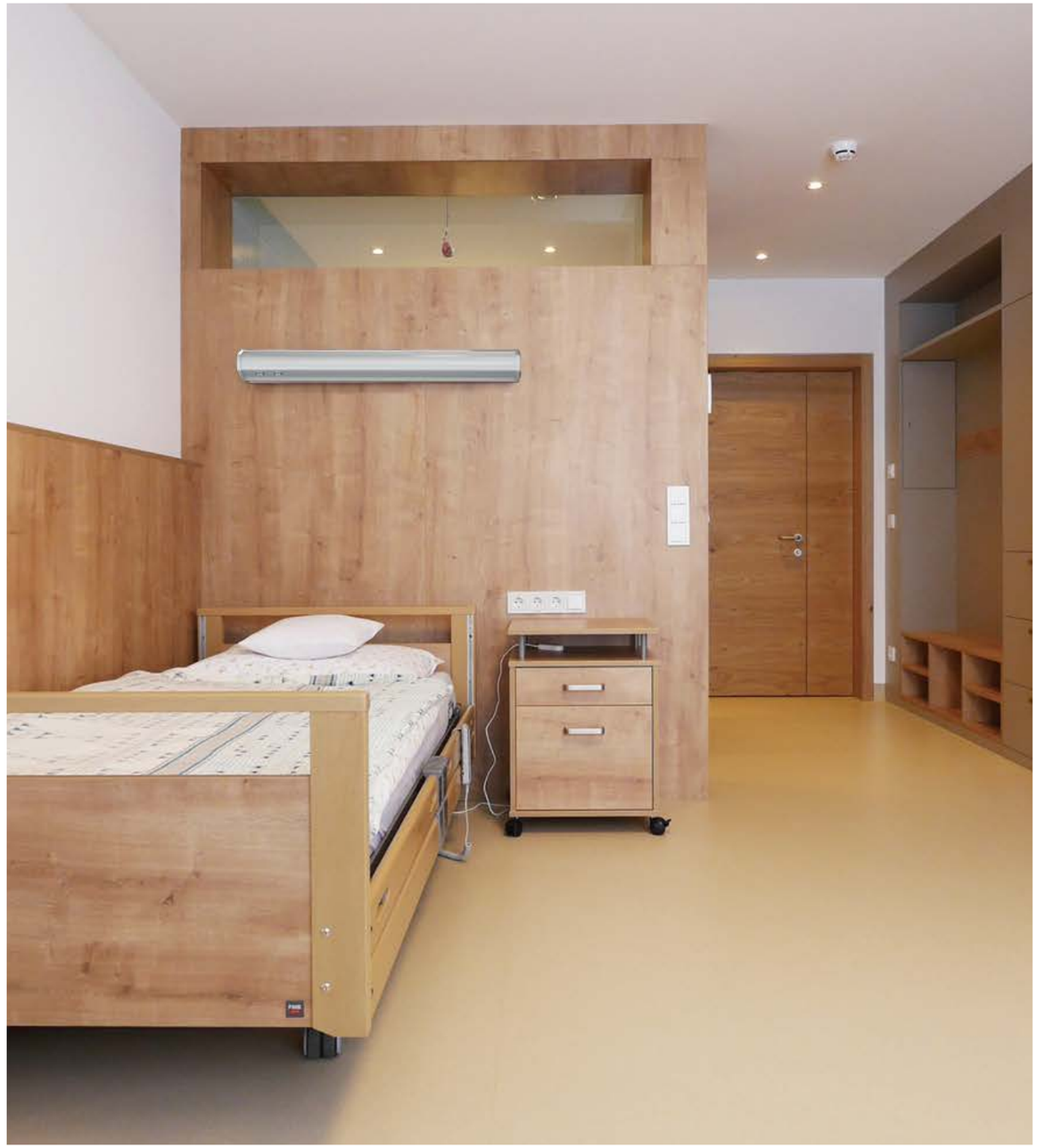
Color:

End cap

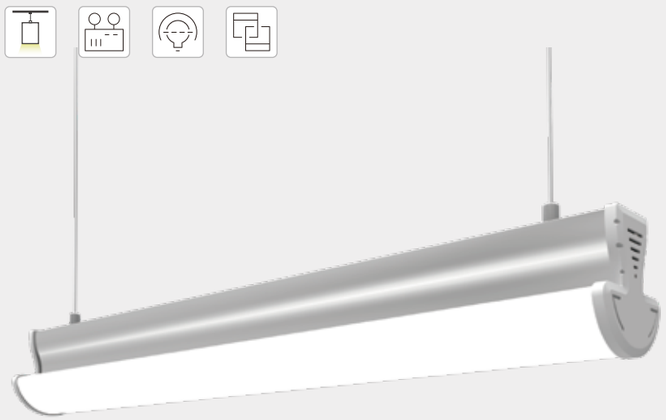
Pothook

Mounting Clip

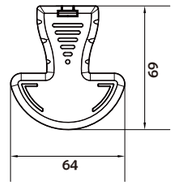
Remote Control (HL-YA009C-L10)



HL-YA036-L06/
HL-YA036-L12



- Inspiration design comes from Mushroom.
- Maintain professional appearance industrial apperance with design patent.
- luminous efficacy up to 120 lm/w.
- High quality, energy-efficient LED Lighting for environmental protection.
- Anodized aluminum profile with good heat sink.
- For offices, conference rooms, super markets, home lighting, etc.



FIXTURE PARAMETERS

Dimension: L600*W64*H69mm/L1200*W64*H69mm

Luminous Flux: 2600lm/5300lm

Input Voltage: AC100-240V

Beam Angle: 130°

Nominal Power: 20W/40W

CCT: 2700-6500k

CRI: >80

Protection Grade: IP20

Certification: CE, ROHS

Warranty: 3 years

Color:

Suspended Rope

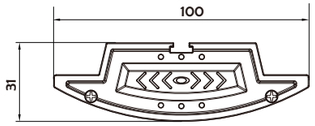
Connector

Splicing Method

Aluminum Profile

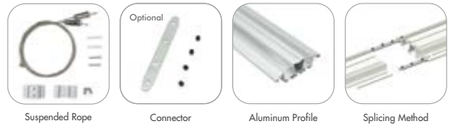
HL-YA037-L12

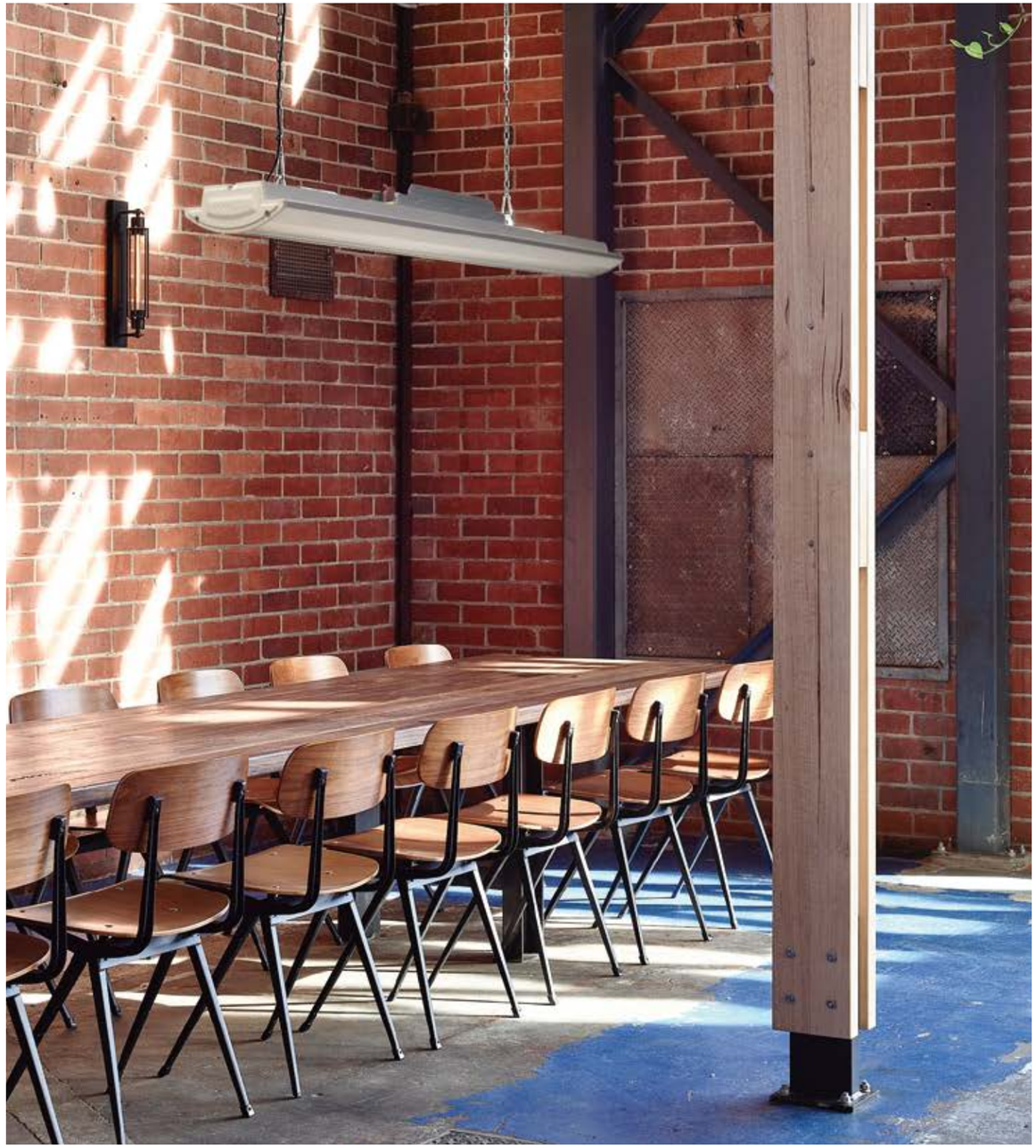
- Inspiration design comes from UFO.
- Professional appearance industrial apperance with design patent.
- luminous efficacy up to 130 lm/w.
- High quality, energy-efficient LED Lighting for environmental protection.
- Anodized aluminum profile with good heat sink.
- For offices, conference rooms, supermarkets, home lighting, etc.



FIXTURE PARAMETERS

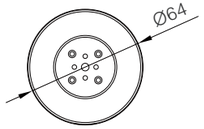
Dimension: L1200*W100*H31mm
Luminous Flux: 4600lm
Input Voltage: AC100-240V
Beam angle: 120°
Nominal Power: 40W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP40
Certification: CE, ROHS
Warranty: 3 years
Color:





HL-YA084-L12

- Maintain professional, unique design.
- High quality, energy-efficient LED Lighting for environmental protection.
- External power supply, no flicker.
- The LED round tube is designed with 2835 LED strips in 360° bead to make the illumination range wider.
- The whole lamp can be used for vertical suspended and horizontal suspended, which is convenient and quick to install.
- Professional optical PC diffuser with low anti-glare value, comfortable and soft in light output.
- Applications: home lighting, office, shopping malls, super markets, meeting rooms and other places.



FIXTURE PARAMETERS

Dimension: L1200*W64*H64mm
Luminous Flux: 3200lm
Input Voltage: AC100-240V
Beam Angle: 360°
Nominal Power: 40W
CCT: 2700-6500k
CRI: >80
Protection Grade: IP40
Certification: CE, ROHS
Warranty: 3 years
Color:

Suspended Rope

Connector

Aluminum Profile

End Cap

出口
A
B

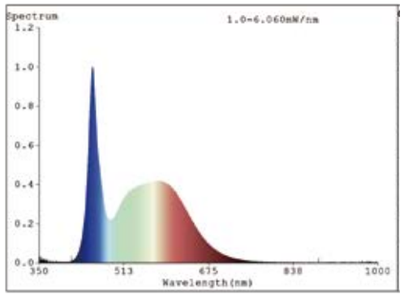
2

LED STRIP LIGHT

1. Flexible LED strips have very good color consistency.
2. Low energy consumption, high light efficiency, high quality LED.
3. Easy to connect and install, seamless docking, low voltage power supply, safe and reliable.
4. Good luminous brightness, soft light without glare, no spot with uniform light.

2835
FLEXIBLE STRIP LIGHT

- **HL-R60W2835/8**
  SPECTRUM TEST REPORT



Color Parameters:

Chromaticity Coordinate: x=0.3169 y=0.3188 /

u'=0.2047 v'=0.4634

CCT=6344K(Duv=-0.0043)

Dominant WL: Ld =479.1nm

Purity=6.9%

Ratio: R=14.8% G=79.2% B=5.9%

Peak WL:Lp=453.1nm FWHM=22.3nm

Render Index: Ra=87.1 CRI=81.6 AvgR=81.9

R1=88 R2=92 R3=92 R4=87 R5=87 R6=85

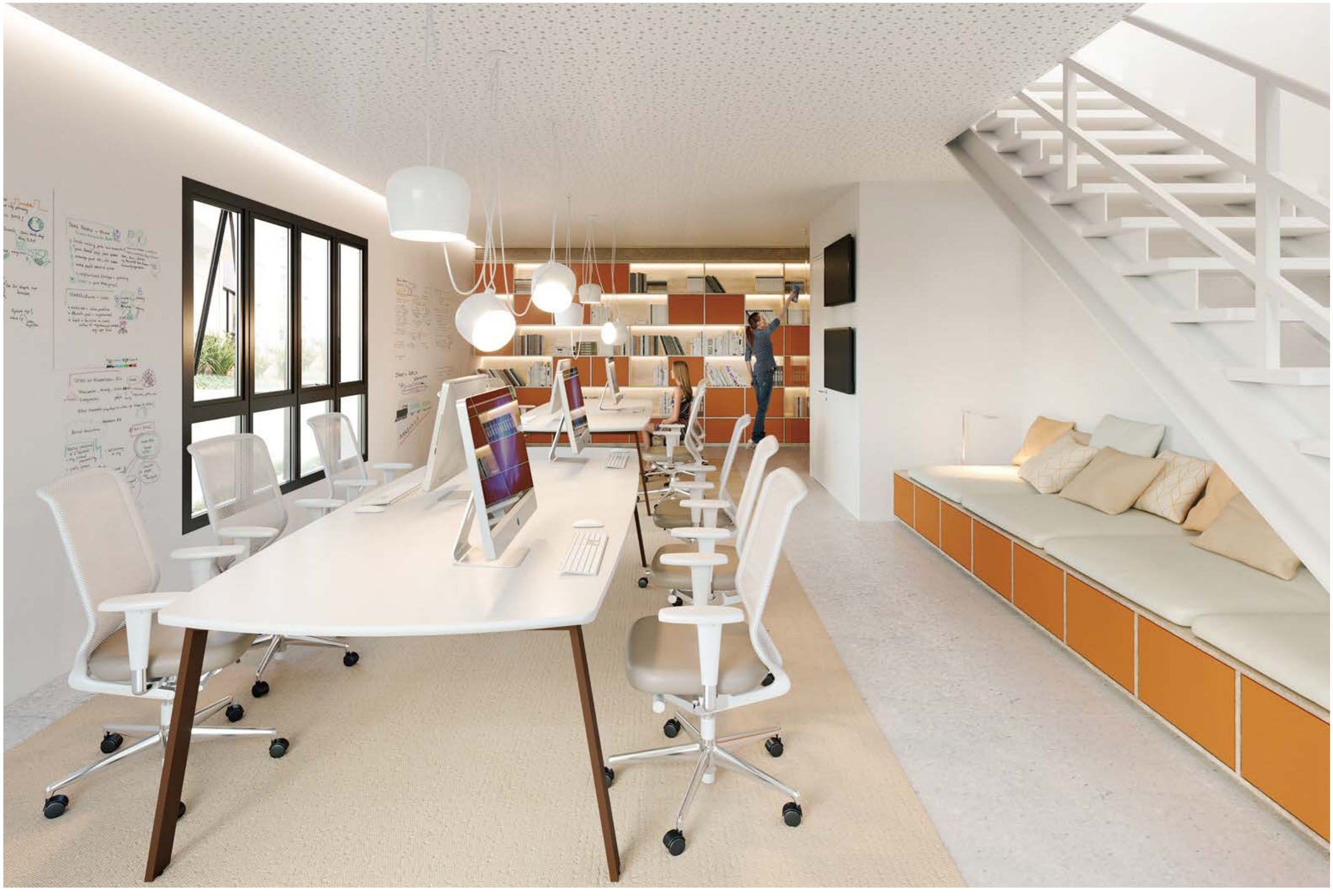
R7=89 R8=76 R9=33 R10=79 R11=86

R12=61 R13=90 R14=96 R15=86

Photo Parameters:

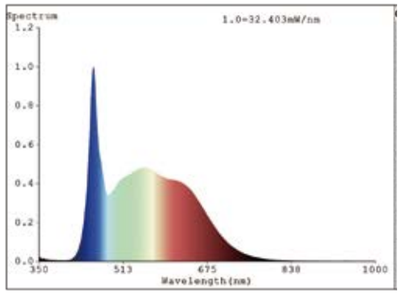
Flux = 164.6lm Eff. : 129.38lm/W Fe = 552.4W

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R30W2835/8	2835	2700K 3000K 4000K 6000K	90	30	8mm	12V/24V	6W	531	88.5	12V:100mm/24V:166.67mm
HL-R60W2835/5V/5	2835	2700K 3000K 4000K 6000K	90	60	5mm	5V	8W	600	75	5V:16.67mm
HL-R60W2835/5	2835	2700K 3000K 4000K 6000K	90	60	5mm	12V/24V	10W	890	89	12V:50mm/24V:100mm
HL-R60W2835/8	2835	2700K 3000K 4000K 6000K	90	60	8mm	12V/24V	12W	1060	88.5	12V:50mm/24V:100mm
HL-R60W2835/10	2835	2700K 3000K 4000K 6000K	90	60	10mm	12V/24V	12W	1060	88.5	12V:50mm/24V:100mm
HL-R70W2835/10	2835	2700K 3000K 4000K 6000K	90	70	10mm	24V	12W	1230	102.5	24V:100mm
HL-R84W2835/8	2835	2700K 3000K 4000K 6000K	90	84	8mm	12V	16.8W	1478	87.9	12V:35.72mm
HL-R84W2835/10	2835	2700K 3000K 4000K 6000K	90	84	10mm	12V/24V	16.8W	1478	87.9	12V:35.72mm/24V:71.43mm
HL-R98W2835/8	2835	2700K 3000K 4000K 6000K	90	98	8mm	24V	16.8W	1724	102.5	24V:71.43mm
HL-R120W2835/5	2835	2700K 3000K 4000K 6000K	90	120	5mm	12V/24V	14.4W	1320	91	12V:25mm/24V:50mm
HL-R120W2835/6	2835	2700K 3000K 4000K 6000K	90	120	6mm	12V/24V	16.8W	1536	91.4	12V:25mm/24V:50mm
HL-R120W2835/8	2835	2700K 3000K 4000K 6000K	90	120	8mm	12V/24V	19.2W	1720	89.5	12V:25mm/24V:50mm
HL-R120W2835/10	2835	2700K 3000K 4000K 6000K	90	120	10mm	12V/24V	24W	2110	88	12V:25mm/24V:50mm
HL-R140W2835/5	2835	2700K 3000K 4000K 6000K	90	140	5mm	24V	14.4W	1540	106	24V:50mm
HL-R140W2835/10	2835	2700K 3000K 4000K 6000K	90	140	10mm	24V	24W	2460	102.5	24V:50mm
HL-R144W2835/15	2835	2700K 3000K 4000K 6000K	90	144	15mm	24V	28.8W	2534	88	24V:83.34mm
HL-R168W2835/6	2835	2700K 3000K 4000K 6000K	90	168	6mm	12V/24V	10W	940	94	12V:17.86mm/24V:35.72mm
HL-2R168W2835/20	2835	2700K 3000K 4000K 6000K	90	168	20mm	24V	30W	2670	89	24V:35.72mm
HL-R180W2835/5	2835	2700K 3000K 4000K 6000K	90	180	5mm	24V	14.4W	1322	91.8	24V:33.34mm
HL-R180W2835/8	2835	2700K 3000K 4000K 6000K	90	180	8mm	24V	14.4W	1322	91.8	24V:33.34mm
HL-R180W2835/10	2835	2700K 3000K 4000K 6000K	90	180	10mm	24V	24W	2190	91.25	24V:33.34mm
HL-R182W2835/10	2835	2700K 3000K 4000K 6000K	90	182	10mm	24V	24W	2520	105	24V:38.47mm
HL-3R182W2835/32	2835	2700K 3000K 4000K 6000K	90	182	32mm	24V	25W	2620	104.8	24V:38.47mm
HL-5R280W2835/64	2835	2700K 3000K 4000K 6000K	90	280	64mm	24V	40W	3420	85.8	24V:25mm
HL-R240W2835/10	2835	2700K 3000K 4000K 6000K	90	240	10mm	24V	24W	2200	91.6	24V:25mm
HL-R120W2835/10	2835	2700K 3000K 4000K 6000K	90	120	10mm	5V	12W	930	77.5	5V:8.34mm
						12V	14W	1400	100	12V:8.34mm
						24V	19W	1750	97	24V:8.34mm



5050
FLEXIBLE STRIP LIGHT

- **HL-R60X5050/10 SPECTRUM TEST REPORT**



Color Parameters:

Chromaticity Coordinate: x=0.4694 y=0.4116 /

u'=0.2682 v'=0.5292

CCT=2579K(Duv=-0.0003)

Dominant WL: Ld =585.0nm

Purity=64.5%

Ratio: R=27.9% G=70.0% B=2.1%

Peak WL: Lp=639.5nm FWHM=150.9nm

Render Index: Ra=97.0 CRI=95.7 AvgR=95.9

R1=99 R2=98 R3=94 R4=96 R5=98 R6=97

R7=97 R8=97 R9=91 R10=93 R11=95

R12=90 R13=99 R14=95 R15=98

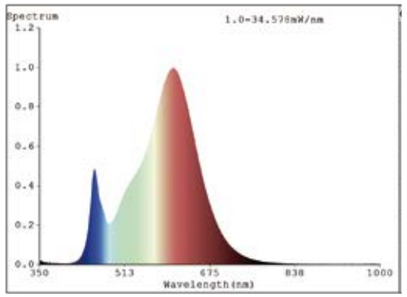
Photo Parameters:

Flux = 4123lm Eff. : 72.58lm/W Fe = 16.93 W

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R30X5050/10	5050	2700 K 3000 K 4000 K 6500 K	90	30	10mm	12V/24V	7.2W	550	77	12V:100mm/24V:166.67mm
HL-R48X5050/10	5050	2700 K 3000 K 4000 K 6500 K	90	48	10mm	12V/24V	11.52W	880	77	12V:62.5mm/24V:125mm
HL-R60X5050/8	5050	2700 K 3000 K 4000 K 6500 K	90	60	8mm	24V	14.4W	1110	77	24V:50mm
HL-R60X5050/10	5050	2700 K 3000 K 4000 K 6500 K	90	60	10mm	12V/24V	14.4W	1110	77	12V:50mm/24V:100mm
HL-R60X5050/12	5050	2700 K 3000 K 4000 K 6500 K	90	60	12mm	12V/24V	14.4W	1110	77	12V:50mm/24V:100mm
HL-R72X5050/10	5050	2700 K 3000 K 4000 K 6500 K	90	72	10mm	24V	17.28W	1332	77	24V:100mm
HL-R96X5050/12	5050	2700 K 3000 K 4000 K 6500 K	90	96	12mm	24V	19.2W	1530	79	24V:62.5mm
HL-2R120X5050/15	5050	2700 K 3000 K 4000 K 6500 K	90	120	15mm	24V	28.8W	2220	77	24V:50mm
HL-2R120X5050/20	5050	2700 K 3000 K 4000 K 6500 K	90	120	20mm	12V/24V	28.8W	2220	77	12V/24V:50mm

3014+SIDE-EMITTING FLEXIBLE STRIP LIGHT

- **HL-R120W3014/8 SPECTRUM TEST REPORT**



Color Parameters:

Chromaticity Coordinate: x=0.4468 y=0.4031 /

u'=0.2573 v'=0.5225

CCT=2833K(Duv=-0.0016)

Dominant WL: Ld =584.1nm Purity=55.1%

Ratio: R=24.2% G=73.2% B=2.7%

Peak WL: Lp=606.1nm FWHM=114.3nm

Render Index: Ra=82.0 CRI=77.1 AvgR=76.9

R1=81 R2=93 R3=93 R4=78 R5=82 R6=92

R7=80 R8=56 R9=6 R10=85 R11=78 R12=75

R13=84 R14=97 R15=73

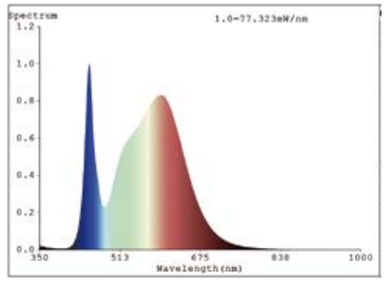
Photo Parameters:

Flux = 1598lm Eff. : 128.13lm/W Fe = 4.913W

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R60W3014/8	3014	2700 K 3000 K 4000 K 6500 K	90	60	8mm	12V/24V	7.2W	640	89	12V:50mm/24V:100mm
HL-R70W3014/8	3014	2700 K 3000 K 4000 K 6500 K	90	70	8mm	24V	7.2W	750	104	24V:100mm
HL-R120W3014/5	3014	2700 K 3000 K 4000 K 6500 K	90	120	5mm	12V/24V	12W	1080	90	12V:25mm/24V:50mm
HL-R120W3014/8	3014	2700 K 3000 K 4000 K 6500 K	90	120	8mm	12V/24V	12W	1080	90	12V:25mm 24V:50mm
HL-R140W3014/10	3014	2700 K 3000 K 4000 K 6500 K	90	140	10mm	24V	14.4W	1498	104	24V:50mm
HL-R204W3014/10	3014	2700 K 3000 K 4000 K 6500 K	90	204	10mm	12V/24V	20.4W	1836	90	12V:14.7mm/24V:29.4mm
HL-R240W3014/10	3014	2700 K 3000 K 4000 K 6500 K	90	240	10mm	12V/24V	24W	2160	90	12V:12.5mm/24V:25mm
HL-R60W3014/8	3014 side-emitting	2700 K 3000 K 4000 K 6500 K	80	60	8mm	12V/24V	6.8W	588	98	12V:50mm 24V:100mm
HL-R84W3014/10	3014 side-emitting	2700 K 3000 K 4000 K 6500 K	80	84	10mm	24V	8.4W	823	98	24V:71.42mm
HL-R120W3014/8	3014 side-emitting	2700 K 3000 K 4000 K 6500 K	80	120	8mm	12V/24V	12W	1176	98	12V:25mm 24V:50mm
HL-R156W3014/10	3014 side-emitting	2700 K 3000 K 4000 K 6500 K	80	156	10mm	12V/24V	15.6W	1528	98	12V:19.2mm 24V:38.5mm

3528
FLEXIBLE STRIP LIGHT

- **HL-R96X3528/8 SPECTRUM TEST REPORT**



Color Parameters:

Chromaticity Coordinate: x=0.3774 y=0.3712 /

u'=0.2253 v'=0.4987

CCT=4044K(Duv=-0.0017)

Dominant WL: Ld =579.9nm

Purity=24.6%

Ratio: R=18.3% G=78.1% B=3.5%

Peak WL: Lp=450.3nm FWHM=21.4nm

Render Index: Ra=82.8 CRI=76.3 AvgR=76.3

R1=82 R2=89 R3=94 R4=82 R5=82 R6=84

R7=86 R8=65 R9=10 R10=73 R11=81

R12=62 R13=83 R14=96 R15=76

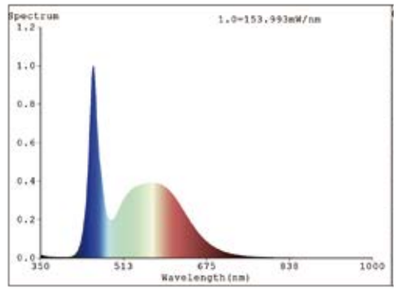
Photo Parameters:

Flux = 3697lm Eff. : 120.38lm/W Fe = 11.33W

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R30X3528/8	3528	2700K 3000K 4000K 6500K	90	30	8mm	12V/24V	2.4W	195	81	12V:100mm/24V:166mm
HL-R48X3528/8	3528	2700K 3000K 4000K 6500K	90	48	8mm	12V	3.8W	307	81	12V:62.5mm
HL-R60X3528/5	3528	2700K 3000K 4000K 6500K	90	60	5mm	12V/24V	4.8W	388	81	12V:50mm/24V:100mm
HL-R60X3528/8	3528	2700K 3000K 4000K 6500K	90	60	8mm	12V/24V	4.8W	388	81	12V:50mm/24V:100mm
HL-R60X3528/10	3528	2700K 3000K 4000K 6500K	90	60	10mm	12V/24V	4.8W	388	81	12V:50mm/24V:100mm
HL-R96X3528/8	3528	2700K 3000K 4000K 6500K	90	96	8mm	12V/24V	7.6W	615	81	12V:31.25mm 24V:62.5mm
HL-R120X3528/5	3528	2700K 3000K 4000K 6500K	90	120	5mm	12V/24V	9.6W	770	81	12V:25mm 24V:50mm
HL-R120X3528/8	3528	2700K 3000K 4000K 6500K	90	120	8mm	12V/24V	9.6W	770	81	12V:25mm 24V:50mm
HL-R120X3528/10	3528	2700K 3000K 4000K 6500K	90	120	10mm	12V/24V	9.6W	770	81	12V:25mm 24V:50mm
HL-R140X3528/10	3528	2700K 3000K 4000K 6500K	90	140	10mm	24V	9.6W	910	95	24V:50mm
HL-R180X3528/10	3528	2700K 3000K 4000K 6500K	90	180	10mm	24V	14.4W	1166	81	24V:33.33mm
HL-R240X3528/10	3528	2700K 3000K 4000K 6500K	90	240	10mm	12V/24V	19.2W	1555	81	12V:12.5mm 24V:25mm
HL-2R240X3528/15	3528	2700K 3000K 4000K 6500K	90	240	15mm	12V/24V	19.2W	1555	81	12V:25mm 24V:50mm
HL-3R360X3528/20	3528	2700K 3000K 4000K 6500K	90	360	20mm	12V/24V	28.8W	2332	81	12V:16.66mm 24V:16.66mm
HL-4R480X3528/28	3528	2700K 3000K 4000K 6500K	90	480	28mm	24V	38.4W	3110	81	24V:50mm

5630
FLEXIBLE STRIP LIGHT

- **HL-2R120W5630/15 SPECTRUM TEST REPORT**



Color Parameters:

Chromaticity Coordinate: x=0.3089 y=0.3118 /

υ'=0.2017 v'=0.4582

CCT=6903K(Duv=-0.0039)

Dominant WL: Ld =479.1nm

Purity=10.3%

Ratio: R=14.1% G=79.8% B=6.1%

Peak WL: Lp=453.0nm FWHM=22.3nm

Render Index: Ra=85.8 CRI=79.6 AvgR=80.0

R1=86 R2=91 R3=90 R4=85 R5=85 R6=83

R7=89 R8=76 R9=29 R10=76 R11=84

R12=56 R13=89 R14=95 R15=85

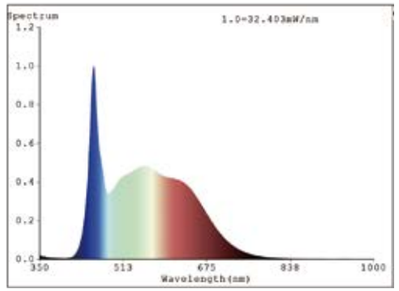
Photo Parameters:

Flux = 3909lm Eff. : 116.33lm/W Fe = 13.22W

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R30W5630/10	5630	2700 K 3000 K 4000 K 6500 K	80	30	10mm	12V	7.2W	825	114	24V:100mm
HL-R60W5630/10	5630	2700 K 3000 K 4000 K 6500 K	80	60	10mm	12V/24V	14.4W	1650	114	12V:50mm 24V:100mm
HL-R72W5630/10	5630	2700 K 3000 K 4000 K 6500 K	80	72	10mm	24V	17.2W	1960	114	24V:83.33mm
HL-R120W5630/10	5630	2700 K 3000 K 4000 K 6500 K	80	120	10mm	24V	24W	2784	116	24V:50mm
HL-2R120W5630/15	5630	2700 K 3000 K 4000 K 6500 K	80	120	15mm	24V	28.8W	3283	114	24V:50mm
HL-2R240W5630/15	5630	2700 K 3000 K 4000 K 6500 K	80	240	15mm	24V	38.4W	4650	121	24V:25mm

2216
FLEXIBLE STRIP LIGHT

- **HL-R120W2216/10 SPECTRUM TEST REPORT**



Color Parameters:

Chromaticity Coordinate: x=0.3231 y=0.3352 /

u'=0.2027 v'=0.4731

CCT=5942K(Duv=0.0013)

Dominant WL: Ld =494.0nm

Purity=3.4%

Ratio: R=15.8% G=77.7% B=6.5%

Peak WL: Lp=454.4nm FWHM=25.4nm

Render Index: Ra=93.8 CRI=91.2 AvgR=91.4

R1=94 R2=98 R3=97 R4 =91 R5=93 R6=93

R7=94 R8=90 R9=78 R10=93 R11=92

R12=69 R13=96 R14=99 R15=94

Photo Parameters:

Flux = 1046lm Eff. : 111.76lm/W Fe = 3.773W

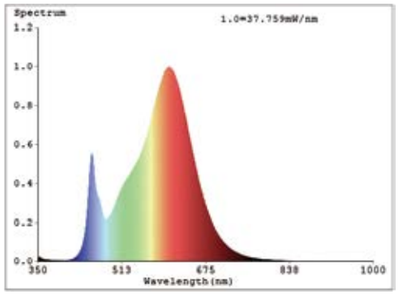
Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R120W2216/10	2216	2700 K 3000 K 4000 K 6500 K	90	120	10mm	24V	9.6W	75	81	24V:50mm
HL-R180W2216/10	2216	2700 K 3000 K 4000 K 6500 K	90	180	10mm	24V	14.4W	1123	81	24V:33.33mm
HL-R240W2216/5	2216	2700 K 3000 K 4000 K 6500 K	90	240	5mm	24V	10W	890	89	24V:25mm
HL-R240W2216/10	2216	2700 K 3000 K 4000 K 6500 K	90	240	10mm	24V	19.2W	1500	81	24V:25mm
HL-R300W2216/10	2216	2700 K 3000 K 4000 K 6500 K	90	300	10mm	24V	20W	1700	85	24V:20mm
HL-R420W2216/10	2216	2700 K 3000 K 4000 K 6500 K	90	420	10mm	24V	24W	2050	85	24V:14.28mm

160LM/W 190LM/W

HIGH LUMINOUS EFFICIENCY

FLEXIBLE STRIP LIGHT

- **HL-RI128W2835/12 SPECTRUM TEST REPORT**



Color Parameters:

Chromaticity Coordinate: x=0.4407 y=0.4000/

u'=0.2548 v'=0.5203

CCT=2905K(Duv=-0.0021)

Dominant WL: Ld=584.0nm

Purity=52.3%

Ratio: R=23.8% G=73.4% B=2.8%

Peak WL: Lp=604.1nm FWHM=114.7nm

Render Index: Ra=82.2 CRI=77.4 AvgR=77.2

R1=82 R2=94 R3=93 R4=79 R5=82 R6=92

R7=80 R8=56 R9=6 R10=85 R11=78

R12=75 R13=85 R14=97 R15=74

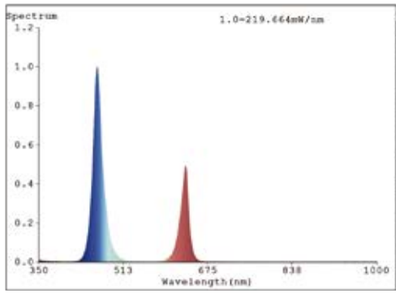
Photo Parameters:

Flux = 1762lm Eff. : 206.74lm/W Fe = 5.391W

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R64W2835/10	2835	2700K 3000K 4000K 6500K	80	64	10mm	24V	9.6W	1536	160	24V:125mm
	2835	2700K 3000K 4000K 6500K	80	64	10mm	24V	9.6W	1728	180	24V:125mm
HL-R80W2835/10	2835	2700K 3000K 4000K 6500K	80	80	10mm	24V	12W	1920	160	24V:100mm
	2835	2700K 3000K 4000K 6500K	80	80	10mm	24V	12W	2160	180	24V:100mm
HL-R128W2835/10	2835	2700K 3000K 4000K 6500K	80	128	10mm	24V	18W	2880	160	24V:62.5mm
	2835	2700K 3000K 4000K 6500K	80	128	10mm	24V	18W	3240	180	24V:62.5mm
HL-R160W2835/10	2835	2700K 3000K 4000K 6500K	80	160	10mm	24V	21W	3360	160	24V:50mm
	2835	2700K 3000K 4000K 6500K	80	160	10mm	24V	21W	3780	180	24V:50mm
HL-RI64W2835/10	2835	2700K 3000K 4000K 6500K	80	64	10mm	24V	9.6W	1536	160	24V:125mm
	2835	2700K 3000K 4000K 6500K	80	64	10mm	24V	9.6W	1728	180	24V:125mm
HL-RI80W2835/10	2835	2700K 3000K 4000K 6500K	80	80	10mm	24V	12W	1920	160	24V:100mm
	2835	2700K 3000K 4000K 6500K	80	80	10mm	24V	12W	2160	180	24V:100mm
HL-RI128W2835/12	2835	2700K 3000K 4000K 6500K	80	128	12mm	24V	18W	2880	160	24V:62.5mm
	2835	2700K 3000K 4000K 6500K	80	128	12mm	24V	18W	3240	180	24V:62.5mm
HL-RI160W2835/12	2835	2700K 3000K 4000K 6500K	80	160	12mm	24V	21W	3360	160	24V:50mm
	2835	2700K 3000K 4000K 6500K	80	160	12mm	24V	21W	3780	180	24V:50mm

RGB/RGBWW/RGB+CCT FLEXIBLE STRIP LIGHT

- **HL-2R120X5050/20-RGB SPECTRUM TEST REPORT**



Color Parameters:

Chromaticity Coordinate: x=0.2411 y=0.1005 /

u'=0.2590 v'=0.2429

CCT=100000K(Duv=-0.1302)

Dominant WL: Ld =-567.7nm

Purity=98.0%

Ratio: R=54.1% G=8.8% B=37.0%

Peak WL: Lp=462.6nm FWHM=19.4nm

Render Index: Ra=0.0 CRI=0.0 AvgR=0.0 R1=0

R2=0 R3=0 R4=0 R5=0 R6=0 R7=0 R8=0 R9=0

R10=0 R11=0 R12=0 R13=0 R14=0 R15=0

Photo Parameters:

Flux = 772.2lm Eff. : 10.17lm/W Fe = 7.584W

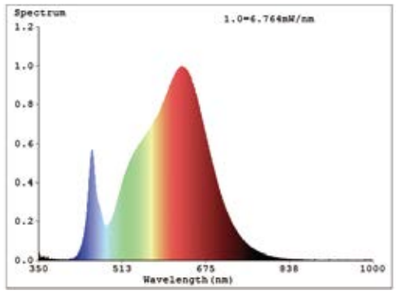
Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R30X5050/ 10-RGB	5050RGB	RGB	/	30	10mm	12V/24V	7.2W	310	43	12V:100mm/24V:166.6mm
HL-R48X5050/ 10-RGB	5050RGB	RGB	/	48	10mm	24V	11W	473	43	12V:62.5mm/24V:125mm
HL-R60X5050/ 8-RGB	5050RGB	RGB	/	60	8mm	12V	12W	528	44	24V:50mm
HL-R60X5050/ 10-RGB	5050RGB	RGB	/	60	10mm	12V/24V	14.4W	620	43	12V:50mm/24V:100mm
HL-R72X5050/ 10-RGB	5050RGB	RGB	/	72	10mm	24V	17.28W	743	43	24V:83.3mm
HL-R96X5050/ 12-RGB	5050RGB	RGB	/	96	12mm	24V	23W	980	43	24V:62.5mm
HL-R120X5050/ 12-RGB	5050RGB	RGB	/	120	12mm	12V/24V	24W	1056	44	12V:25mm/24V:50mm
HL-2R120X5050/ 20-RGB	5050RGB	RGB	/	120	20mm	12V/24V	28.8W	1238	43	12V:50mm/24V:50mm
HL-R120X3838/ 8-RGB	3838RGB	RGB	/	120	8mm	24V	12W	480	40	24V:50mm
HL-R240X3838/ 12-RGB	3838RGB	RGB	/	240	12mm	24V	24W	960	40	24V:25mm
HL-R60RGB020/ 10-RGB	020 side emitting	RGB	/	60	10mm	12V	12W	348	29	24V:50mm
HL-R60RGBW5050/ 10	5050RGB+ 5050 single color	2700K 3000K 4000K 6500K	90	60	10mm	12V/24V	14.4W	780	54	12V:100mm 24V:166.6mm
HL-R72RGBW5050/ 12	5050RGB+ 5050 single color	2700K 3000K 4000K 6500K	90	72	12mm	24V	17.2W	930	54	24V:166.6mm
HL-R96RGBW5050/ 12	5050RGB+ 5050 single color	2700K 3000K 4000K 6500K	90	96	12mm	24V	23W	1240	54	24V:125mm
HL-2R120RGBW5050/ 20	5050RGB+ 5050 single color	2700K 3000K 4000K 6500K	90	120	20mm	24V	28.8W	1560	54	24V:100mm
HL-2R144RGBW5050/ 20	5050RGB+ 5050 single color	2700K 3000K 4000K 6500K	90	144	20mm	24V	34.5W	1860	54	24V:83.3mm
HL-R120RGBW5050/ 2835/12	5050RGB+ 2835 single color	2700K 3000K 4000K 6500K	90	120	12mm	12V/24V	26.4W	1676	63	12V:50mm 24V:100mm
HL-R240RGBW3838/ 1808/10	3838RGB+ 1808 single color	2700K 3000K 4000K 6500K	90	240	10mm	24V	19.2W	1030	53	24V:50mm

RGB/RGBWW/RGB+CCT FLEXIBLE STRIP LIGHT

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R72RGB020W 3014/10	020RGB+ 3014 single color, side emitting	2700 K 3000 K 4000 K 6500 K	80	72	12mm	24V	12W	930	44.5	24V:166.6mm
HL-R60RGBW5050 (4/1)/10	5050 RGBW four in one	2700 K 3000 K 4000 K 6500 K	80	60	10mm	12V/24V	19.2W	1240	61	12V:50mm 24V:100mm
HL-R60RGBW5050 (4/1)/12	5050 RGBW four in one	2700 K 3000 K 4000 K 6500 K	80	60	12mm	12V/24V	19.2W	1560	61	12V:50mm 24V:100mm
HL-R72RGBW5050 (4/1)/12	5050 RGBW four in one	2700 K 3000 K 4000 K 6500 K	80	72	12mm	24V	23W	1860	61	24V:83.3mm
HL-R84RGBW5050 (4/1)/12	5050 RGBW four in one	2700 K 3000 K 4000 K 6500 K	80	84	12mm	12V/24V	26.8W	1676	61	12V:35.7mm 24V:71.4mm
HL-R96RGBW5050 (4/1)/12	5050 RGBW four in one	2700 K 3000 K 4000 K 6500 K	80	96	12mm	24V	30.7W	1030	61	24V:62.5mm
HL-R72RGBWWW 5050/12	5050RGB+ 5050 two in one	2700 K 3000 K 4000 K 6500 K	80	72	12mm	24V	21W	930	66	24V:166.6mm
HL-R360RGBW3838/ 1808/12	3838RGB+ 1808 single color	2700 K 3000 K 4000 K 6500 K	90	360	12mm	24V	24W	1240	62.5	24V:50mm
HL-R60RGBWWW 5050/12	5050 five in one	2200-2500 K 6500 K R G B	80	60	12mm	24V	19.2W	1560	63	24V:100mm
HL-R84RGBWWW 5050/12	5050 five in one	2200-2500 K 6500 K R G B	80	84	12mm	24V	19.2W	1860	72	24V:83.3mm

SUPER-LONG CONSTANT-CURRENT FLEXIBLE STRIP LIGHT

- **HL-RI70W2835/10 SPECTRUM TEST REPORT**



Color Parameters:

Chromaticity Coordinate: x=0.4430 y=0.3998/

u'=0.2564 v'=0.5206

CCT=2865K(Duv=-0.0025)

Dominant WL: Ld=584.3nm

Purity=53.0%

Ratio: R=25.4% G=72.1% B=2.5%

Peak WL: Lp=630.0nm FWHM=161.9nm

Render Index: Ra=93.5 CRI=90.8 AvgR=90.9

R1=95 R2=96 R3=95 R4=94 R5=94 R6=94

R7=94 R8=88 R9=72 R10=89 R11=93

R12=78 R13=95 R14=96 R15=93

Photo Parameters:

Flux = 318.5lm Eff. : 127.76lm/W Fe = 1.169W

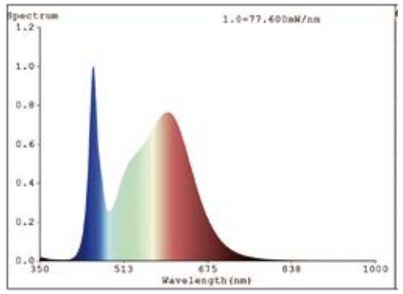
Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-RI60W5050/10	5050	2700 K 3000 K 4000 K 6500 K	90	60	10mm	24V	12W	940	78	24V:100mm
HL-RI60W2835/10	2835	2700 K 3000 K 4000 K 6500 K	90	60	10mm	24V	12.5W	1090	87	24V:100mm
HL-RI60W2835/15	2835	2700 K 3000 K 4000 K 6500 K	90	60	10mm	24V	10.5W	1090	87	24V:100mm
HL-RI60W2835/20	2835	2700 K 3000 K 4000 K 6500 K	90	60	12mm	24V	8.5W	768	90	24V:100mm
HL-RI90W3528/30	3528	2700 K 3000 K 4000 K 6500 K	90	90	12mm	36V	7.2W	596	82	24V:100mm
HL-RI90W2835/30	2835	2700 K 3000 K 4000 K 6500 K	90	90	12mm	36V	7.2W	700	97	24V:100mm
HL-RI78W2835/ 48V/50	2835	2700 K 3000 K 4000 K 6500 K	90	78	10mm	48V	1.2W	430	102	24V:166mm
HL-RI120W24/12W	2835	2700 K 3000 K 4000 K 6500 K	90	120	10mm	24V	12W	1080	90	24V:50mm
HL-RI120W24/10W	2835	2700 K 3000 K 4000 K 6500 K	90	120	10mm	24V	10W	910	91	24V:50mm
HL-RI120WWW 2835/15	2835 adjustable CCT	2700 K 3000 K 4000 K 6500 K	90	120	12mm	24V	12W	1140	95	24V:100mm
HL-RI60RGB 5050/15	5050RGB	/	/	60	12mm	24V	11W	550	50	24V:100mm
HL-RI60RGBW 5050/15	5050 four in one	2700 K 3000 K 4000 K 6500 K	80	60	12mm	24V	11W	740	67	24V:100mm
HL-RI5Q60V24-RGB WWW	5050 four in one	2700 K 3000 K 4000 K 6500 K	80	60	15mm	24V	12W	750	68	24V:100mm
HL-RI70W2835/10	2835	2700 K 3000 K 4000 K 6500 K	90	70	10mm	24V	12W	1218	101	24V:100mm
HL-RI112W2835/10	2835	2700 K 3000 K 4000 K 6500 K	90	112	10mm	24V	19.2W	1948	101	24V:62.5mm
HL-RI70W2835/12	5630	2700 K 3000 K 4000 K 6500 K	80	70	12mm	24V	14.4W	1940	134	24V:100mm
HL-RIN180W2835/10	2835 built-in IC	2700 K 3000 K 4000 K 6500 K	90	180	10mm	24V	14.4W	1440	100	24V:100mm
HL-RIN240W2835/10	2835 built-in IC	2700 K 3000 K 4000 K 6500 K	90	240	10mm	24V	19.2W	1920	100	24V:100mm

SUPER-LONG CONSTANT-CURRENT FLEXIBLE STRIP LIGHT

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-RIN60W2835/10	2835 built-in IC	2700K 3000K 4000K 6500K	90	60	10mm	24V	4.8W	480	100	24V:100mm
		2700K 3000K 4000K 6500K	90	60	10mm	24V	7.2W	700	97	24V:100mm
HL-RIN70W2835/10	2835 built-in IC	2700K 3000K 4000K 6500K	90	70	10mm	24V	4.8W	560	116	24V:100mm
		2700K 3000K 4000K 6500K	90	70	10mm	24V	7.2W	820	113	24V:100mm
HL-RIN120W2835/10	2835 built-in IC	2700K 3000K 4000K 6500K	90	120	10mm	24V	9.6W	960	100	24V:50mm
		2700K 3000K 4000K 6500K	90	120	10mm	24V	14.4W	1400	97	24V:50mm
HL-RIN140W2835/10	2835 built-in IC	2700K 3000K 4000K 6500K	90	140	10mm	24V	9.6W	1120	116	24V:50mm
		2700K 3000K 4000K 6500K	90	140	10mm	24V	14.4W	1638	113	24V:50mm

DIMMABLE COLOR-TEMPERATURE FLEXIBLE STRIP LIGHT

- **HL-R224WWW3014/10 SPECTRUM TEST REPORT**



Color Parameters:

Chromaticity Coordinate: x=0.3744 y=0.3633 /

u'=0.2266 v'=0.4946

CCT=4068K(Duv=-0.0047)

Dominant WL: Ld =582.0nm

Purity=21.4%

Ratio: R=18.9% G=77.0% B=4.1%

Peak WL: Lp=453.4nm FWHM=22.4nm

Render Index: Ra=85.8 CRI=80.4 AvgR=80.5

R1=86 R2=93 R3=95 R4=84 R5=85 R6=88

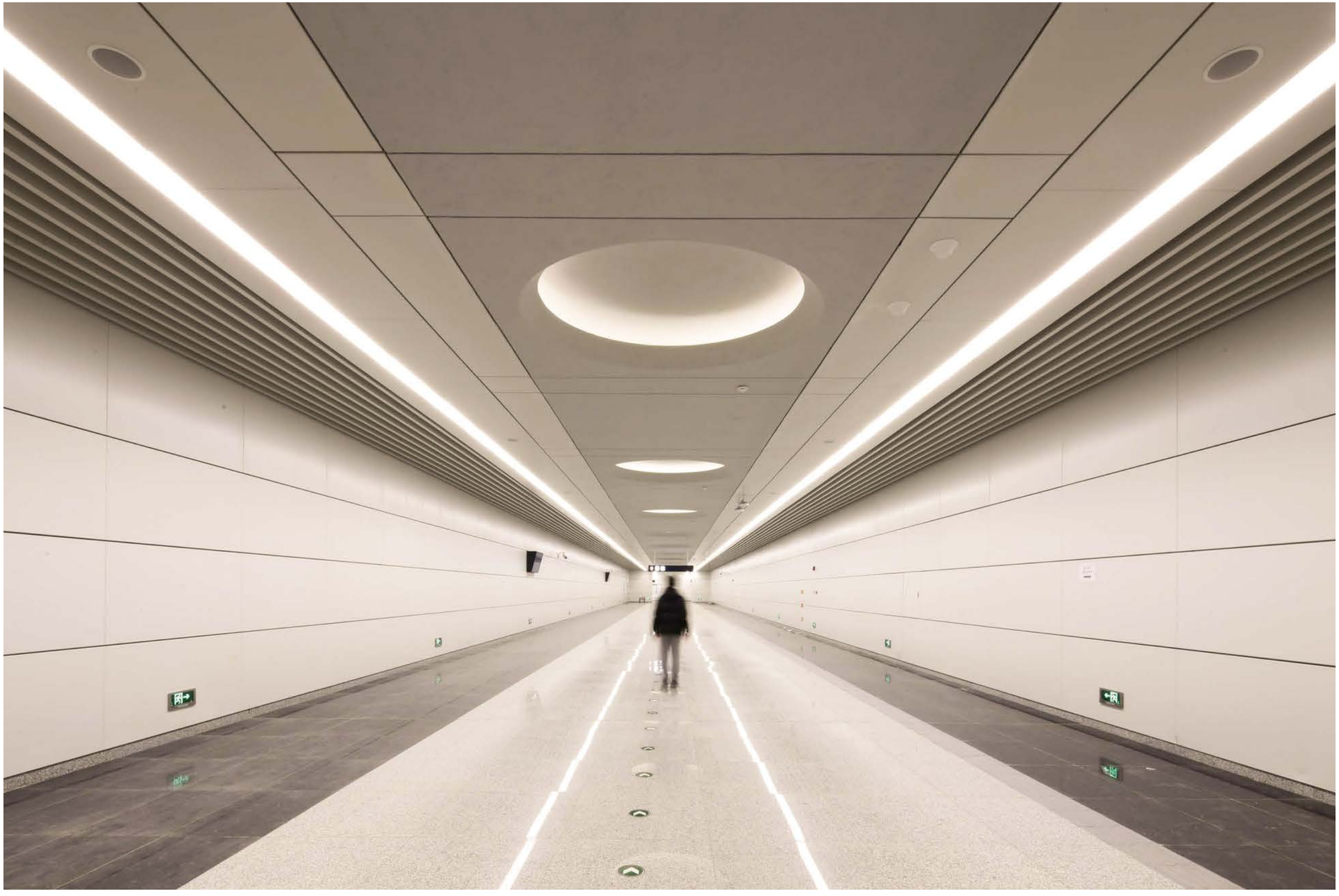
R7=86 R8=69 R9=23 R10=82 R11=83

R12=65 R13=88 R14=98 R15=82

Photo Parameters:

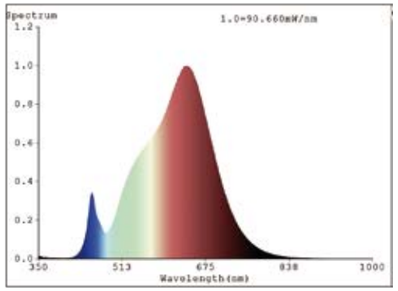
Flux = 3386lm Eff. : 150.90lm/W Fe = 10.69W

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R60WWW 3528(2/1)/10	3528 two in one	3000 K 6000 K	80	60	10mm	12V/24V	9.6W	930	96	12V:50mm/24V:100mm
HL-R120WWW 3528(2/1)/10	3528 two in one	3000 K 6000 K	80	120	10mm	12V/24V	19.2W	1870	96	12V:25mm/24V:50mm
HL-R120WWW3528/10	3528	3000 K 6000 K	90	120	10mm	12V/24V	9.6W	796	83	12V:50mm/24V:100mm
HL-R60WWW 5050(2/1)/10	5050 two in one	3000 K 6000 K	80	60	10mm	12V/24V	19.2W	1560	81	12V:50mm/24V:100mm
HL-R60WWW5050/10	5050	3000 K 6000 K	90	60	10mm	12V/24V	14.4W	1340	93	12V:100mm/24V:166.7mm
HL-R224WWW3014/10	3014	3000 K 6000 K	90	224	10mm	24V	23W	2200	94	24V:62mm
HL-R140WWW 2835(2/1)/5	2835 two in one	3000 K 6000 K	80	140	5mm	24V	9.6W	1008	105	24V:50mm
HL-R112WWW2835/10	2835	3000 K 6000 K	90	112	10mm	24V	19.2W	1930	99	24V:125mm
HL-R120WWW2835/10	2835	3000 K 6000 K	90	120	10mm	12V/24V	24W	2240	93	12V:50mm/24V:100mm
HL-R160WWW2835/10	2835	3000 K 6000 K	90	160	10mm	24V	21W	2880	137	24V:100mm
HL-2R240WWW 2835/12	2835	3000 K 6000 K	90	240	12mm	24V	24W	2330	97	12V:25mm
HL-R60WWW5630/10	5630	3000 K 6000 K	90	112	10mm	24V	23W	2570	111	24V:125mm
HL-RT120WWW 2835/10	2835 adjustable CCT	2100-3500 K	80	120	10mm	24V	14.4W	1550	107	24V:100mm
HL-RT224WWW 2216/10	2216 adjustable CCT	1800-3000 K	90	224	10mm	24V	18W	1419	85	24V:62.5mm
HL-R240WWW1808/5	1808	3000 K 6000 K	95	240	5mm	24V	12W	1020	85	24V:50mm
HL-R364WWW1808/10	1808	3000 K 6500 K	95	364	10mm	24V	20W	2074	103.7	24V:38.46mm
HL-R120WWW2835/10	2835	3000 K 6000 K	90	120	10mm	5V 12V 24V	12W 14W 19W	970 1440 1800	67.4 102 94.7	5V/12V/24V:16.7mm



SPECIAL PRODUCTS
FLEXIBLE STRIP LIGHT

- **HL-S60W2835/8**
  SPECTRUM TEST REPORT



Color Parameters:

Chromaticity Coordinate: x=0.4652 y=0.4144 /

u'=0.2643 v'=0.5296

CCT=2655K(Duv=0.0009)

Dominant WL: Ld =584.1nm

Purity=64.0%

Ratio: R=26.9% G=71.1% B=2.0%

Peak WL: Lp=639.5nm FWHM=159.5nm

Render Index: Ra=94.8 CRI=92.3 AvgR=92.4

R1=96 R2=96 R3=92 R4=96 R5=94 R6=93

R7=98 R8=93 R9=82 R10=87 R11=96

R12=78 R13=96 R14=95 R15=95

Photo Parameters:

Flux = 3877lm Eff. : 95.63lm/W Fe = 15.12W

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-S60W2835/8	S 2835	2700 K 3000 K 4000 K 6500 K	90	60	8mm	12V/24V	12W	1000	83	12V:50mm/24V:100mm
HL-S42X5050/12	5050RGB	R G B	/	42	12mm	24V	10W	500	50	24V:143mm
HL-SR48RGBW5050 (4/1)/12	5050 RGBW four in one	2700 K 3000 K 4000 K 6500 K	80	48	12mm	12V/24V	15.3W	930	61	12V:62.5mm/24V:125mm
HL-SR60W6060/10	6060 with lens	2700 K 3000 K 4000 K 6500 K	80	60	10mm	24V	20W	2013	100.65	24V:33.33mm

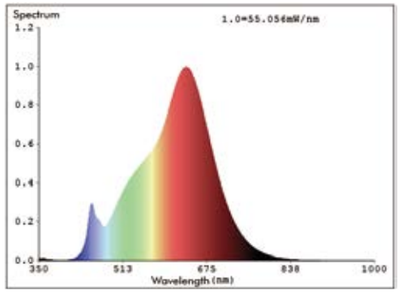
LED
PIXEL STRIP LIGHT

Model	LED Type	IC Model	Pixel	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-HC30D8026/10	5050RGB	GS8206	10	30	10mm	12V	7.2W	309	43	12V:100mm
HL-HC60D8026/20	5050RGB	GS8206	20	60	10mm	12V	14.4W	590	41	12V:50mm
HL-HC60D8026/10	5050RGB	GS8206	10	60	10mm	24V	14.4W	590	41	24V:100mm
HL-HC60D6812/10	5050RGB	GS8206	60	60	10mm	5V	18W	684	38	24V:16.66mm
HL-HC60D512/10	5050RGB	GS8206	10	60	12mm	24V	14.4W	590	41	24V:100mm

1808 PASTING
FLEXIBLE STRIP LIGHT

- Other colors can be customized.

- **HL-R17Q700/10 SPECTRUM TEST REPORT**



Color Parameters:

Chromaticity Coordinate: x=0.4659 y=0.4104/

u'=0.2665 v'=0.5282

CCT=2617K(Duv=-0.0005)

Dominant WL: Ld=584.8nm

Purity=63.0%

Ratio: R=28.0% G=69.4% B=2.5%

Peak WL: Lp=635.6nm FWHM=142.4nm

Render Index: Ra=97.7 CRI=96.6 AvgR=96.7

R1=99 R2=99 R3=98 R4=98 R5=99 R6=96

R7=97R8=95 R9=89 R10=100 R11=95

R12=91 R13=99 R14=97 R15=98

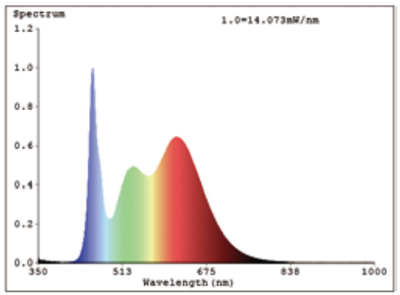
Photo Parameters:

Flux = 2257lm Eff. : 114.24lm/W Fe = 8.832W

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R17Q120/8	1808	2700K 3000K 4000K 6500K	95	120	8mm	12V/24V	9.6W	870	90	12V:25mm/24V:50mm
HL-R17Q240/4	1808	2700K 3000K 4000K 6500K	95	240	4mm	24V	10W	880	88	24V:25mm
HL-R17Q240/10	1808	2700K 3000K 4000K 6500K	95	240	10mm	24V	19.2W	1740	90	24V:25mm
HL-R17Q280/10	1808	2700K 3000K 4000K 6500K	95	280	10mm	24V	19.2W	2030	105	24V:25mm
HL-R17Q300/10	1808	2700K 3000K 4000K 6500K	95	300	10mm	24V	20W	1800	90	24V:20mm
HL-R17Q420/10	1808	2700K 3000K 4000K 6500K	95	420	10mm	24V	20W	2110	105	24V:16.67mm
HL-R17Q560/10	1808	2700K 3000K 4000K 6500K	95	560	10mm	24V	20W	2130	106	24V:12.5mm
HL-R17Q700/10	1808	2700K 3000K 4000K 6500K	95	700	10mm	24V	20W	2160	108	24V:10mm
HL-R17Q720/8	1808	2700K 3000K 4000K 6500K	95	720	8mm	24V	20W	1860	93	24V:8.33mm
HL-R17Q720/10	1808	2700K 3000K 4000K 6500K	95	720	10mm	24V	20W	1860	93	24V:8.33mm
HL-R20Q364/10	1808	2700K 3000K 4000K 6500K	95	364	10mm	24V	20W	2100	105	24V:38.46mm

COB LED
FLEXIBLE STRIP LIGHT

- **HL-R20Q420/XW/8 SPECTRUM TEST REPORT**



Color Parameters:

Chromaticity Coordinate: x=0.3709 y=0.3487/

u'=0.2303 v'=0.4871

CCT=4062K(Duv=-0.0109)

Dominant WL: Ld=589.0nm

Purity=15.9%

Ratio: R=22.0% G=73.3% B=4.7%

Peak WL: Lp=454.4nm FWHM=22.3nm

Peak WL: Ra=94.0 CRI=92.0 AvgR=92.0

R1=91 R2=94 R3=97 R4=96 R5=93 R6=90

R7=95 R8=97 R9=93 R10=92 R11=92

R12=72 R13=91 R14=97 R15=91

Photo Parameters:

Flux = 436.0lm Eff. : 119.20lm/W Fe = 1.495W

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R20Q280V24/ 12W/10	COB	2700 K 3000 K 4000 K 6500 K	80	280	10mm	24V	12W	1080	90	24V:50mm
HL-R20Q320/XW/8	COB	2700 K 3000 K 4000 K 6500 K	90	320	8mm	24V	10W	962	96.2	24V:50mm
HL-R20Q320/XW/10	COB	2700 K 3000 K 4000 K 6500 K	90	320	10mm	24V	12W	1138	94.8	24V:50mm
HL-R20Q360/XW/8	COB	2700 K 3000 K 4000 K 6500 K	90	360	8mm	12V	10W	748	74.8	12V25mm
HL-R20Q360/XW/10	COB	2700 K 3000 K 4000 K 6500 K	90	360	10mm	12V	12W	890	74.2	12V25mm
HL-R20Q420/XW/8	COB	2700 K 3000 K 4000 K 6500 K	90	420	8mm	24V	10W	836	83.6	24V:50mm
HL-R20Q420/XW/10	COB	2700 K 3000 K 4000 K 6500 K	90	420	10mm	24V	12W	822	82.2	24V:50mm
HL-R20Q480/5W/4	COB	2700 K 3000 K 4000 K 6500 K	90	480	4mm	12V/24V	5W	519	103.8	12V:25mm/24V:50mm
HL-R20Q480/XW/8	COB	2700 K 3000 K 4000 K 6500 K	90	480	8mm	12V/24V	5W 10W 15W	519 1029 1527	103.8 102.9 101.8	12V:25mm/24V:50mm
HL-R20Q480/XW/10	COB	2700 K 3000 K 4000 K 6500 K	90	480	10mm	12V/24V	5W 10W 15W	519 1029 1527	103.8 102.9 101.8	12V:25mm/24V:50mm
HL-R20Q512/XW/8	COB	2700 K 3000 K 4000 K 6500 K	90	512	8mm	24V	5W 10W 15W	519 1100 1628	103.8 102.9 101.8	24V:31.25mm
HL-R20Q512/XW/10	COB	2700 K 3000 K 4000 K 6500 K	90	512	10mm	24V	5W 10W 15W	519 1100 1628	103.8 102.9 101.8	24V:31.25mm
HL-R20Q840Vx-RGB	COB	R G B	/	840	10mm	24V	15W	/	/	24V:50mm
HL-R20Q840Vx-RGW	COB	R G B W	/	840	12mm	24V	16W	/	/	24V:50mm
HL-R20Q576Vx-Ca	COB	2700 K 6000 K	90	576	10mm	24V	10W 15W	1018 1512	101.8 100.8	24V:27.8mm

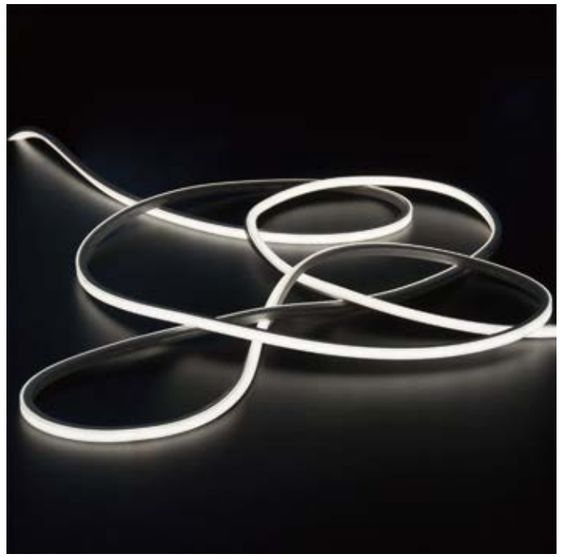
3

LED NEON LIGHT

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- Excellent toughness, simple and stylish appearance, delicate and unique.

Product Series

HELIAN silicone neon light strips are divided into six series: "Top-lighting", "Side-lighting", "3D Series", "360° Lighting", "Embedded Neon Lights", "High-voltage Neon Lights" and "Wall Washer Lights". Customers can choose the most suitable products according to factors such as the application site, functional requirements, project nature, and cost budget.

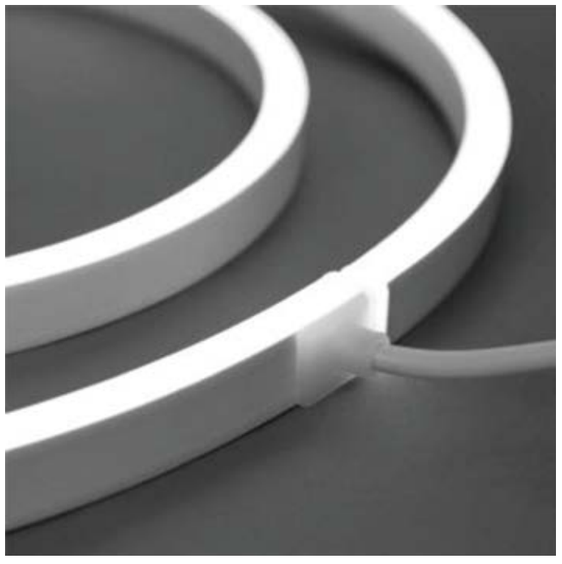


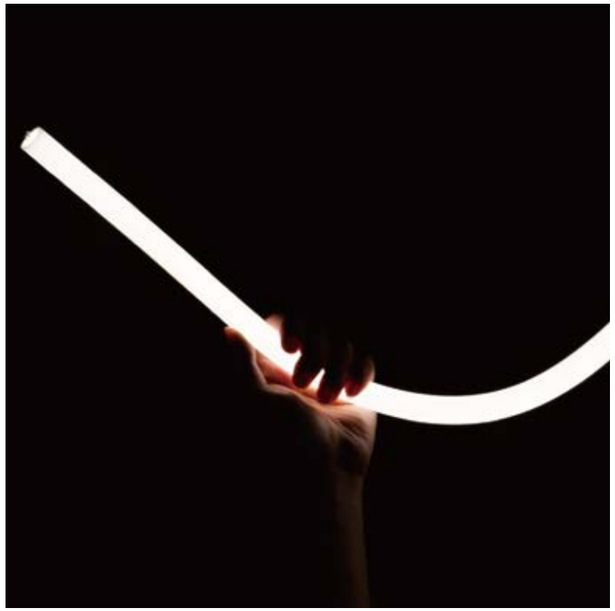
← Top Emitting Series

Top emitting series neon flex adopt environmental silicone material, up to IP67 protection level, even if used outdoor for a long time, the surface will not turn yellow easily. High light transmission, can be used for sign lighting, indoor and outdoor decorative lighting and architecture contour lighting molding. After "9 major tests", it is resistant to hydrochloric acid, acid and alkali corrosion, flame retardant,UV resistant, reliable and guaranteed quality.

Side Emitting Series →

Side emitting series neon adopt unique optical structure design, uniform light and no shadow. Side-emittinging design can be used for building outline, indoor and outdoor decorative lighting and other scenes. IP67 high protection level, suitable for swimming pool underwater lighting. Passed UL, CE, Rohs and other international environmental protection and reliability certifications, product quality is trustworthy.





360° Lighting Series →

360° lighting series adopt innovative technology, 360° light emission, no dark area. Flexible material, match with different application solution to meet any molding needs. Can be applied in straight line, circular, curved, and other special shape. It is the best partner for your space design and artistic molding.

← 3D Series

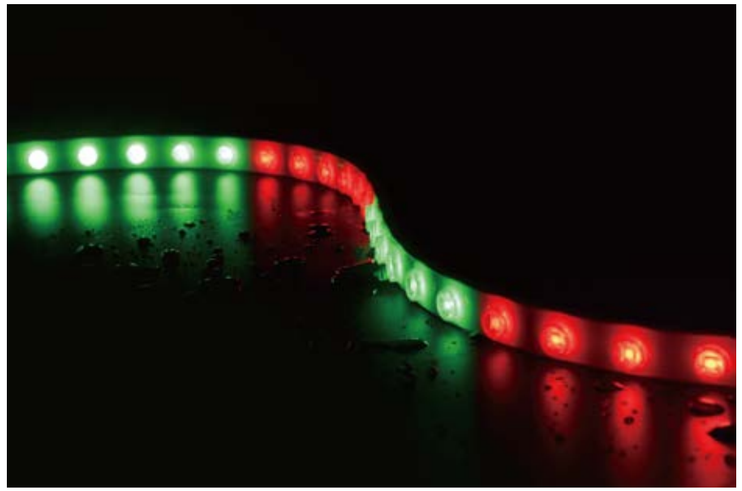
3D series neon adopt flexible silicone material,strong plasticity, combined with top-emitting, side-emitting two type lighting surfaces, and the matched installation solution, meets the needs of multiple lighting. Silicone coextrusion process, IP67 protection level, no fear of indoor and outdoor humid environments, meets the lighting needs of indoor decoration, landscape lighting,architectural curtain walls, building outline and other scenes.

← Embedded Neon Lights

The embedded neon lights feature a unique flanging and closing design, which can avoid gaps caused by oversized or uneven grooves. They can perfectly blend with architectural spaces, walls, household cabinets and so on, achieving the effect of seeing the light but not the lights themselves, and realizing a simple and fashionable decorative style.

High-voltage Neon Lights →

High - voltage neon lights can produce high brightness, have good long - distance lighting effects, and are rich and vivid in colors. They are suitable for outdoor large - scale advertising signs, theme park entrance signs, guiding signs, bars, dance halls and other places.



Wall Washer Light →

The wall washer light is a kind of lighting fixture that makes the light wash over the wall like water. It mainly achieves the effect of beautifying the appearance of buildings by reasonably designing the optics and evenly projecting light onto the facades of buildings. Its optical parameters such as the luminous angle and the beam angle can be adjusted according to actual needs. Generally, it uses LEDs as the light source, which features energy conservation and high luminous efficiency.

Performance Feature

Featuring high substitutability, can achieve various lighting effects such as white light, RGB and digital toning, and it can replace the neon tube, guardrailtube, rainbow tube and so on for signage lighting/ architectural lighting/landscape lighting.

Top Emitting Series

High thermal conductivity, the thermal conductivity of silicone is 0.27W/MK, better than the "0.14W/MK" of PVC, and the strip features longer effective heat dissipation life.

High thermal conductivity

Good protective performance, the main body of product and standard outlet end cap can be used in the environment up to IP67 standard, andcan pass the laboratory test standards of IP67.

Good protective performance

Outstanding weather resistance, without embrittle ment, deformation, softening and aging. And using in the environment between-20℃ ~+45℃ , it can operate normally resisting extremely cold and highheat.

Outstanding weather resistance

Resistance to corrosive gases

Resistance to corrosive gases, include chlorine, sulfur dioxide, hydrogensulfide, nitrogen dioxide and so on, the silicone neon strip with long lifespan can be used for severe environment.

Avoid dust into the neon strip, and featuring reliable sealing, up to IP6X,beautiful appearance, wide range of applications and long life span.

Dust proof

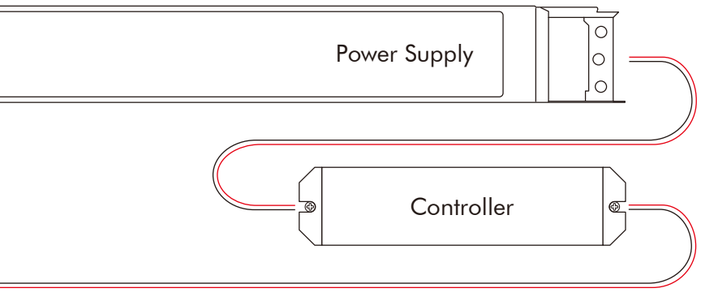
Uniform Lighting, dot-free, direct-view surface, used for highly reflectivematerial, featuring a glossy environment free from dazzling.

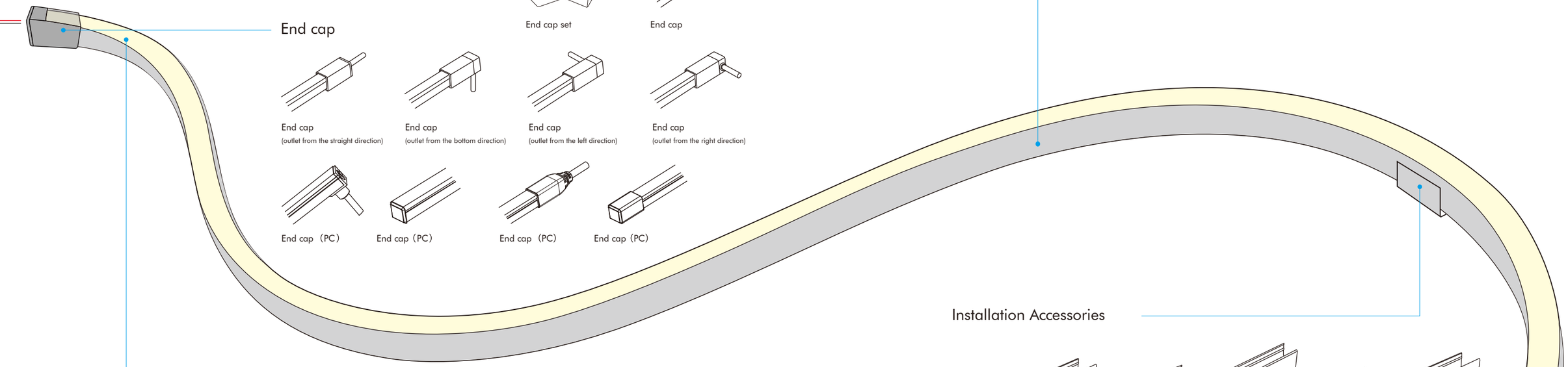
Uniform Lighting

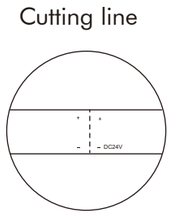
Resistance to corrosion

Featuring resistance to corrosion, the silicone can resist corrosion of normal salt, alkali and acid, can be used for special environments such as beach,yacht, chemical industry, petroleum, mine and laboratory.

Silicone Neon Strip Solution







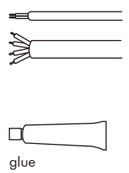
LED

Ra/CRI > 80/ 90

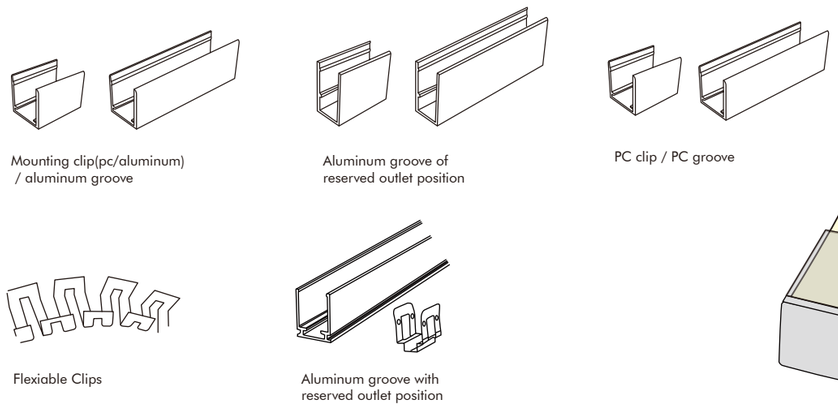
2300 K | 2700 K | 3000 K | 4000 K | R | G | B | Y | RGB | CCT | RGBW | Pixel

ONE BIN
SDCM<2

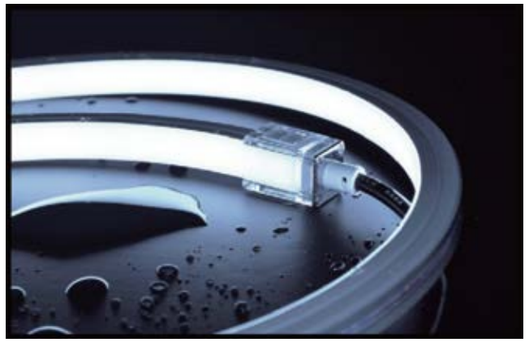
Wire & Glue



Installation Accessories



Top Emitting Series



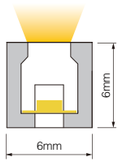
Top emitting series neon flex adopt environmental silicone material, up to IP67 protection level, even if used outdoor for a long time, and the surface will not turn yellow easily. High light transmission, can be used for sign lighting, indoor and outdoor decorative lighting and architecture contour lighting molding.

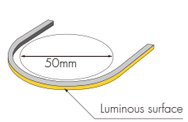
HL-N0606V24-CXX

- Silicone led neon light TOP 0606 IP67, DC24V,is emittinging direction vertically and front cable entry with radius of 25mm and a-cross section size:6mm*6mm/(W*H).
- It is IP67 protection, never yellow, UV resistant, salt water resistant and high temperature resistant via opal silicone coating.
- Uniform luminance and dot free will bring the most excellent performance for indoor & outdoor application.
- The product has constant voltage and constant current version.
- Can connect 5 meters in series with one power supply without voltage drop ,and can save the installation cost better.

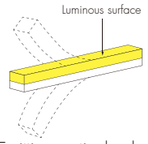
• DIMENSION STRUCTURE

Across section size





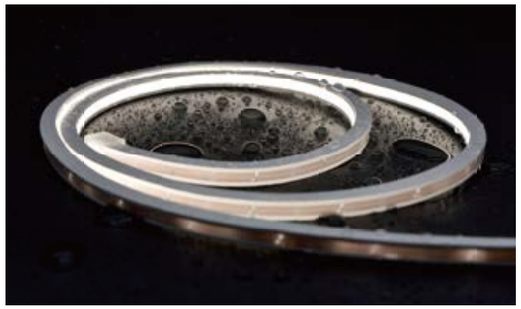
Min emittinging diameter



Emitting vertical only

• ACCESSORIES OPTIONS

Aluminium Profile | End Cap | Aluminium Mounting Clips

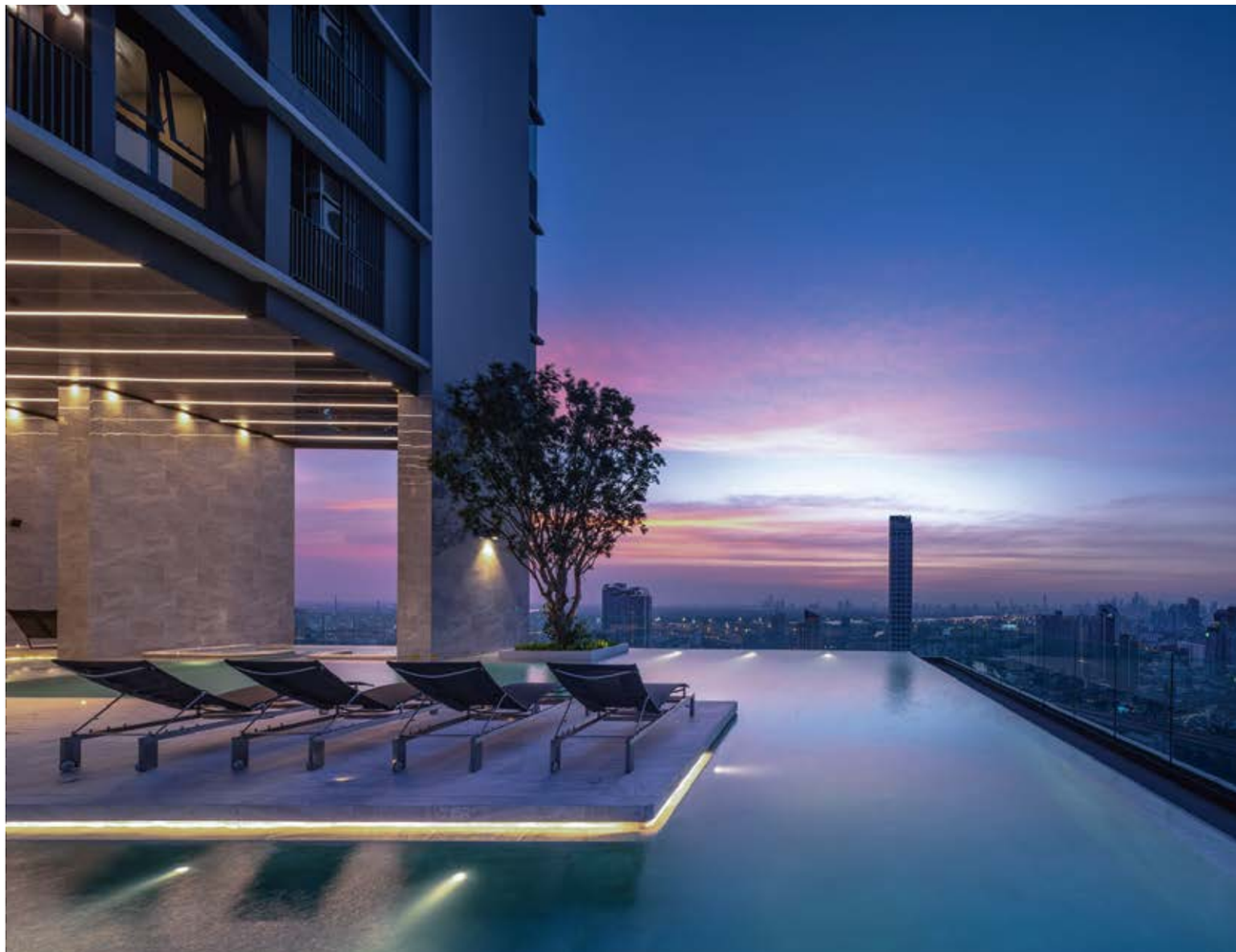


LUMINAIRE PARAMETERS	
Size	W6*H6mm
Voltage	DC24V
Power	6w/m
Efficiency@3200K	58lm/W
CCT	1700K-5600K/R/G/B/Y/O
CRI	>90
IP rate	IP67
Certification	CE, ROHS
Working temperture	-25℃~+60℃
Warranty	5 years

Horizontal Emittinging

Vertical Emittinging

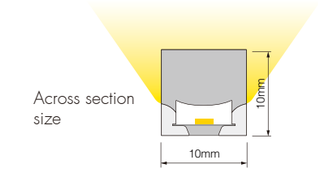
Only One Bin

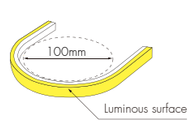


HL-N1010V24-CXX

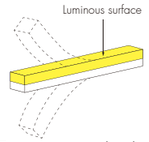
- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 5 years warranty.

• DIMENSION STRUCTURE





Min emittinging diameter



Emitting vertical only

• ACCESSORIES OPTIONS

Aluminium Profile

Aluminium Mounting Clips

Stainless Steel Mounting Clips

Curved Aluminum Profile

transparent plastic groove

• VARIOUS CONNECTOR

Silicone end cap

Front Cable Entry

Side Cable Entry

Bottom Cable Entry

Integral plug

Front Cable Entry

LUMINAIRE PARAMETERS		
Size	W10*H10mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@4000K	85.9lm/W	82.9lm/W
CCT	2100K-6000K/R/G/B/Y/P	
CRI	>90	
IP rate	IP67	
Certification	CE, ROHS	
Working temperture	-25℃~+60℃	
Warranty	5 years	

Horizontal Emittinging

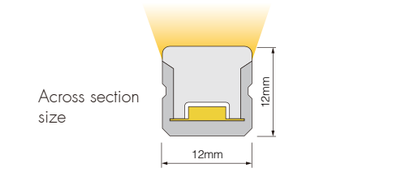
Vertical Emittinging

Only One Bin

HL-N1212V24-CXX

- Silicone neon light strip 1212 ; front lighting, IP67; DC24V, vertical bending, 3 ways out: front/ side/ bottom; bending diameter is 200mm; sectional size: 12mm*12mm/(W*H).
- Yellowing resistance, anti-UV, salt and alkali resistance, high temperature resistance, uniform luminescence, no facula, any bending, adapt to outdoor and indoor lighting;
- The product has constant voltage and constant current version. Constant current version can connect 19 meters in series with one power supply without voaltage drop, and can save the installation cost better.
- The product has Regular and High light effect version.

• DIMENSION STRUCTURE



Min emittinging diameter

Emitting vertical only

• ACCESSORIES OPTIONS

• PLUG COMBINATION

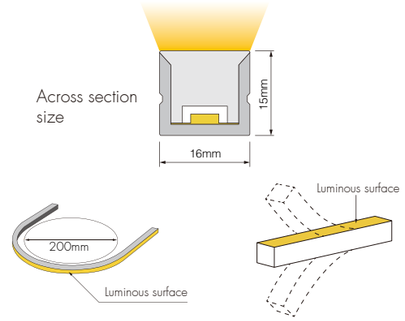
• VARIOUS CONNECTOR

LUMINAIRE PARAMETERS		
Size	W12*H12mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@4000K (Regular)	69.4lm/W	67.4lm/W
Efficiency@4000K (High light effect)	95lm/W	93lm/W
CCT	2100K-6000K/R/G/B/A/P/RGB	
CRI	>90	
IP rate	IP67	
Certification	CE, ROHS	
Working temperture	-25℃~+60℃	
Warranty	5 years	

HL-N1615V24-CXX

- Silicone Ledline Flex Top1615 , DC24V, has emittinging direction vertically and front / side / bottom cable entry with radius of 100mm (5.9”) and across section size: 16mm*15mm / 0.63''* 0.59''(W*H).
- It is IP67 protection, never yellow, UV resistant, saltwater resistant and hightemperature resistant via opal silicone coating. Uniform luminance and dotfree will bring the most excellent performance for indoor & outdoorapplication.
- The product has constant voltage and constant currentversion. Constant current version can connect 27 meters in series with one power supply without voaltage drop, and can save the installation cost better.
- Compatible with DMX512 (1990) protocol.
- The product has Regular、High light effect 、Black version.

• DIMENSION STRUCTURE



Min emittinging diameter

Emitting vertical only

• ACCESSORIES OPTIONS

Aluminium Profile | Suspension Installation | Stainless Steel Mounting Clips

Aluminium Mounting Clips | Flexible profile | PC profile

• PLUG COMBINATION

Silicone end cap | Combined end cap | Integral plug

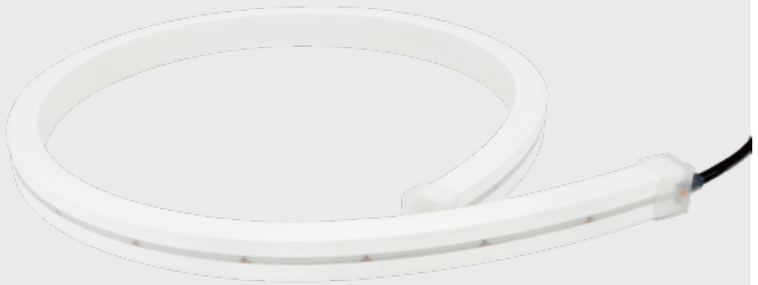
• VARIOUS CONNECTOR

Integral plug	Combined end cap	Silicone end cap
Front Cable Entry	Front Cable Entry	Front Cable Entry
Side Cable Entry	Side Cable Entry	Side Cable Entry
Bottom Cable Entry	Bottom Cable Entry	Bottom Cable Entry

LUMINAIRE PARAMETERS			
Size	W16*H15mm		
Voltage	DC24V		
Power	5w/m	10w/m	15w/m
CRI	>90		
IP rate	IP67		
Certification	CE, ROHS		
Working temperture	-20℃~+60℃		
Warranty	5 years		
CCT	2100K-6000K/R/G/B/RGB/RGBW		

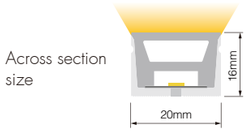
KOSMOS

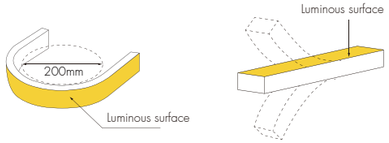
HL-N2016V24-CXX



- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV resistance with excellent toughness, simple and stylish appearance, delicate and unique.
- 5 years warranty.

• DIMENSION STRUCTURE



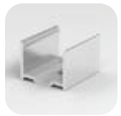


Min emittinging diameter

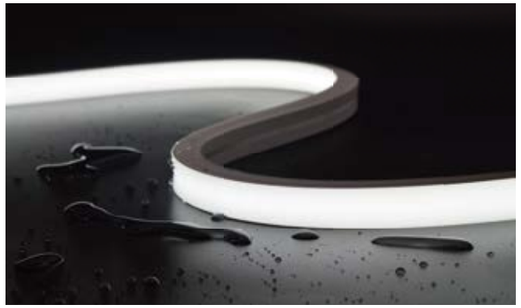
Emitting vertical only

• ACCESSORIES OPTIONS

Aluminium Profile



Aluminium Mounting Clips



LUMINAIRE PARAMETERS			
Size	W20*H16mm		
Voltage	DC24V		
Power	12w/m	16w/m	20w/m
Efficiency@4000K	65.3lm/W	63.1lm/W	61lm/W
CCT	2100K-6000K/R/G/B/A/P/RGB/RGBW		
CRI	>90		
IP rate	IP67		
Certification	CE, ROHS		
Working temperture	-25℃~+60℃		
Warranty	5 years		

Horizontal Emittinging

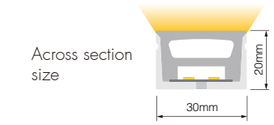
Vertical Emittinging

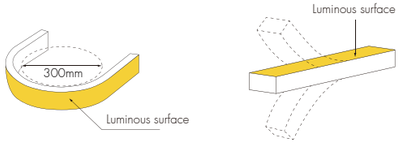
Only One Bin

HL-N3020V24-CXX

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV resistance with excellent toughness, simple and stylish appearance, delicate and unique.
- 5 years warranty.

• DIMENSION STRUCTURE





Min emittinging diameter

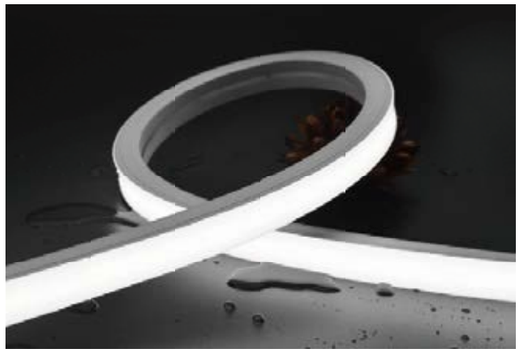
Emitting vertical only

• ACCESSORIES OPTIONS

Aluminium Profile

Aluminium Mounting Clips

Bendable Stainless Steel Profile



LUMINAIRE PARAMETERS			
Size	W30*H20mm		
Voltage	DC24V		
Power	16w/m	20w/m	24w/m
Efficiency@4000K	65.6lm/W	64lm/W	63lm/W
CCT	2100K-6000K/R/G/B/A/P/RGB/RGBW		
CRI	>90		
IP rate	IP67		
Certification	CE, ROHS		
Working temperture	-25℃~+60℃		
Warranty	5 years		

Horizontal Emittinging

Vertical Emittinging

Only One Bin

IP67
Waterproof Grade

LM80
LM80 Standard

Resistant to solvents

UV Protection

Resistant Saltwater

3-Step MacAdam

-

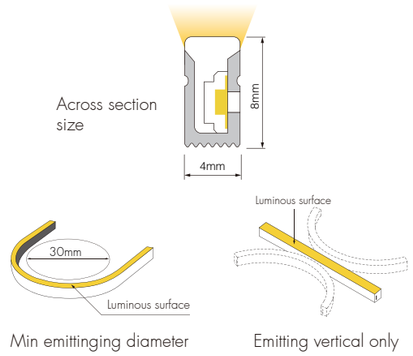
Side Emitting Series

Side emitting series neon adopt unique optical structure design, uniform light and no shadow. Side-emittinging design can be used for building outline, indoor and outdoor decorative lighting and other scenes.

HL-N0408V24-CXX

- Silicone LED neon, is emittinging direction horizontally and front cable entry with radius of 15mm and across section size: 4mm* 8mm(W*H).
- It is IP67 protection, never yellow, UV resistant, saltwater resistant and high temperature resistant via opal silicone coating.
- Uniform luminance and dot free will bring the most excellent performance for indoor & outdoor application.
- The product has constant voltage and constant current version.

• DIMENSION STRUCTURE



Min emittinging diameter

Emitting vertical only

• ACCESSORIES OPTIONS

Aluminium Profile

Aluminium Mounting Clips

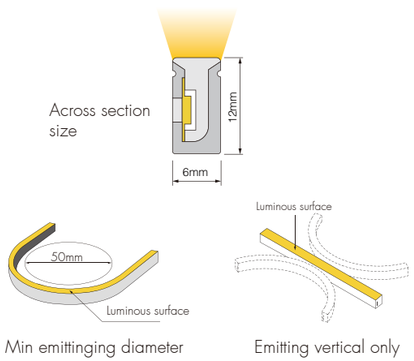
End Cap

LUMINAIRE PARAMETERS	
Size	W4*H8mm
Voltage	DC24V
Power	6w/m
Efficiency@3000K	42lm/W
CCT	2100K-5300K
CRI	>90
IP rate	IP67
Certification	CE, ROHS
Working temperture	-25℃~+60℃
Warranty	5 years

HL-N0612V24-CXX

- Silicone LED neon, is emittinging direction horizontally and front /side/bottom cable entry with radius of 25mm (1.97") and across section size: 6mm*12mm/0.24''*0.0.47''(W*H).
- It is IP67 protection, never yellow, UV resistant, saltwater resistant and hightemperature resistant via opal silicone coating.
- Uniform luminance and dot free will bring the most excellent performance for indoor & outdoor application.
- The product has constant voltage and constant current version.
- Constant current version can connect 15 meters in series with one power supply without voaltage drop, and can save the installation cost better.

• DIMENSION STRUCTURE



Min emittinging diameter

Emitting vertical only

• ACCESSORIES OPTIONS

Aluminium Profile

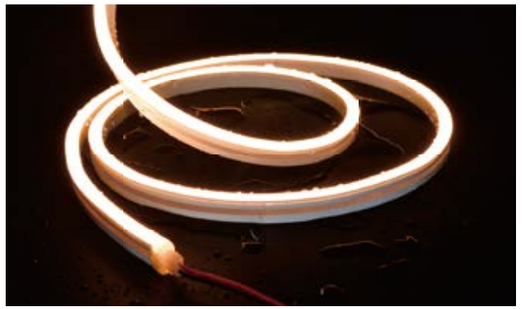
Aluminium Mounting Clips

Silicone End Cap

Integral Plug

Stainless Steel Mounting clips

Flexible profile



LUMINAIRE PARAMETERS		
Size	W6*H12mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@4000K	37.2lm/W	36lm/W
CCT	2100K-6000K/R/G/B/Y/P/RGB	
CRI	>90	
IP rate	IP67	
Certification	CE, ROHS	
Working temperture	-25℃~+60℃	
Warranty	5 years	

Horizontal Bending

Vertical Bending

Only One Bin

IP67

Waterproof Grade

LM80

LM80 Standard

Resistant to solvents

UV Protection

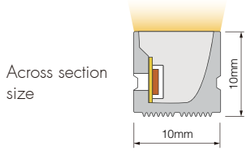
Resistant Saltwater

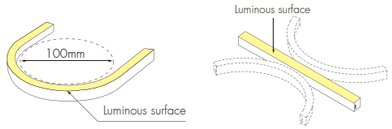
3-Step MacAdam

HL-N1010SV24-CXX

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 5 years warranty.

• DIMENSION STRUCTURE





Min emittinging diameter

Emitting vertical only

• ACCESSORIES OPTIONS

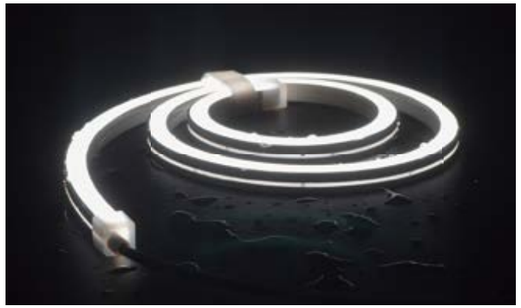
Aluminium Profile

Aluminium Mounting Clips

Stainless Steel Mounting Clips

Curved Aluminum Profile

transparent plastic groove



LUMINAIRE PARAMETERS		
Size	W10*H10mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@4000K	68lm/W	66.1lm/W
CCT	2100K-6000K/R/G/B/Y/P	
CRI	>90	
IP rate	IP67	
Certification	CE, ROHS	
Working temperture	-25℃~+60℃	
Warranty	5 years	

Horizontal Bending

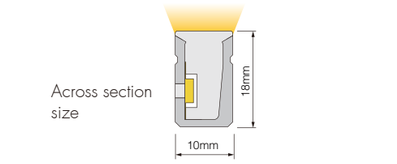
Vertical Bending

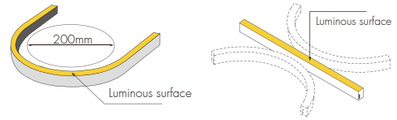
Only One Bin

HL-N1018V24-CXX

- Silicone Ledline Flex Side1018 IP67, DC24V, has emittinging direction vertically and front / side / bottom cable entry with radius of 100mmand across section size: 10mm*18mm(W*H).
- It is IP67 protection, never yellow, UV resistant, saltwater resistant and high temperature resistant via opal silicone coating. Uniform luminance and dot free will bring the most excellent performance for indoor& outdoor application.
- The product has constant voltage and constant current version. Constant current version can connect 25 meters in series with one power supply without voaltage drop, and can save the installation cost better.
- Unique end cap design, can install quickly and easily to meet the different length's request, no welding and dealing with waterproof.

• DIMENSION STRUCTURE





Min emittinging diameter

Emitting vertical only

• ACCESSORIES OPTIONS

Aluminium Profile

Stainless Steel Mounting Clips

Aluminium Mounting Clips

Silicone End Cap

Flexible profile

LUMINAIRE PARAMETERS			
Size	W10*H18mm		
Voltage	DC24V		
Power	5w/m	10w/m	15w/m
Efficiency@4000K	35.7lm/W	35.6lm/W	32.3lm/W
CCT	2100K-6000K/R/G/B/A/P/RGB		
CRI	80		
IP rate	IP67		
Certification	CE, ROHS		
Working temperture	-25℃~+60℃		
Warranty	5 years		

Horizontal Bending

Vertical Bending

Only One Bin

Waterproof Grade

LM80 Standard

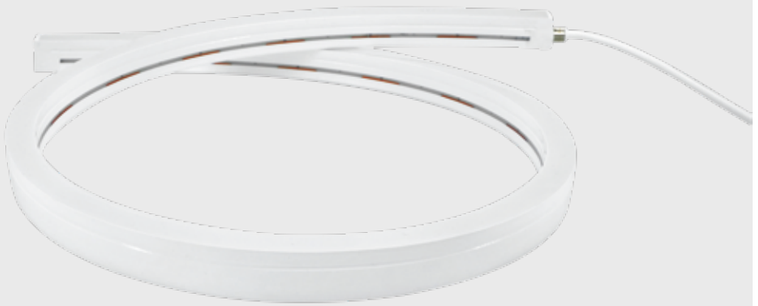
Resistant to solvents

UV Protection

Resistant Saltwater

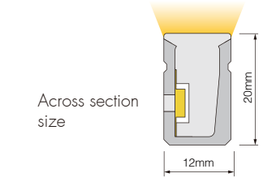
3-Step MacAdam

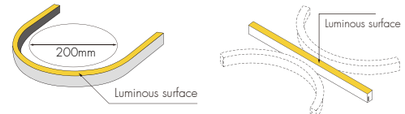
HL-N1220V24-CXX



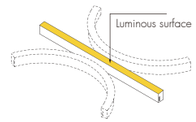
- Silicone Ledline Flex Side1220, DC24V, has emittinging direction vertically and front / side / bottom cable Entry with radius of 100 mm (5.9") and acrosssection size:12mm*20mm/0.47""*0.79"" (W*H).
- It is IP67 protection, never yellow, UV resistant, saltwater resistant and high temperature resistant via opal silicone coating. Uniform luminance and dot free will bring the most excellent performance for indoor & outdoor application.
- The product has constant voltage and constant current version. Constant current version can connect 27 meters in series with one power supply without voaltage drop, and can save the installation cost better.
- Compatible with DMX512(1990) protocol.
- The product has Regular and High light effect version.

• DIMENSION STRUCTURE





Min emittinging diameter



Emitting vertical only

• ACCESSORIES OPTIONS

Aluminium Profile

Stainless Steel Mounting Clips

Aluminium Mounting Clips

Suspension Installation

Curved Aluminum Profile

• PLUG COMBINATION

Silicone End Cap

Combined End Cap

Integral Plug

• VARIOUS CONNECTOR

Integral Plug	Combined End Cap	Silicone End Cap
Front Cable Entry	Front Cable Entry	Front Cable Entry
Side Cable Entry	Side Cable Entry	Side Cable Entry
Bottom Cable Entry	Bottom Cable Entry	Bottom Cable Entry

LUMINAIRE PARAMETERS			
Size	W12*H20mm		
Voltage	DC24V		
Power	5w/m	10w/m	15w/m
Efficiency@4000K (Regular)	34.0lm/W	33.6lm/W	31.3lm/W
Efficiency@4000K (High light effect)	62lm/W	61lm/W	57lm/W
CCT	2100K-6000K/R/G/B/A/P/RGB/RGBW		
CRI	>90		
IP rate	IP67		
Certification	CE, ROHS		
Working temperture	-25℃~+60℃		
Warranty	5 years		

Horizontal Bending

Vertical Bending

Only One Bin

IP67
Waterproof Grade

LM80
LM80 Standard

Resistant to solvents

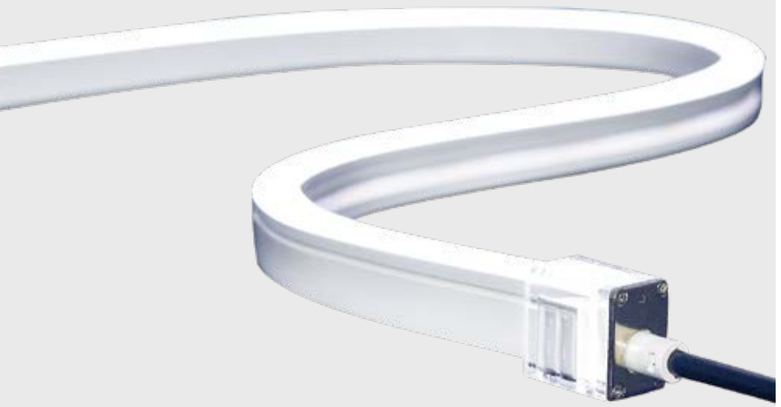
UV Protection

Resistant Saltwater

3-Step MacAdam

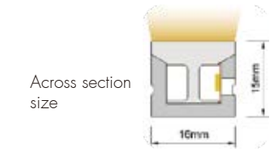
NOTRE DAME DE PARIS
노트르담 드 파리

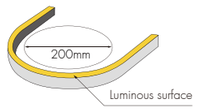
HL-N1615SV24-CXX



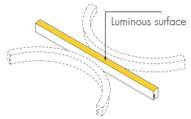
- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 5 years warranty.

• DIMENSION STRUCTURE





Min emittinging diameter



Emitting vertical only

• ACCESSORIES OPTIONS

Aluminium Profile

Suspension Installation

Stainless Steel Mounting clips

Aluminium Mounting clips

Flexible profile

PC profile

• PLUG COMBINATION

Silicone end cap

Combined end cap

Integral plug

• VARIOUS CONNECTOR

Front Cable Entry

Side Cable Entry

Bottom Cable Entry

LUMINAIRE PARAMETERS			
Size	W16*H15mm		
Voltage	DC24V		
Power	5w/m	10w/m	15w/m
Efficiency@4000K	76lm/W	73lm/W	70lm/W
CCT	2100K-6000K/R/G/B/Y/P/RGB/RGBW		
CRI	>90		
IP rate	IP67		
Certification	CE, ROHS		
Working temperture	-20℃~+60℃		
Warranty	5 years		

Horizontal Bending

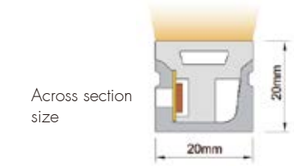
Vertical Bending

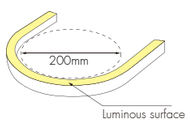
Only One Bin

HL-N2020V24-CXX

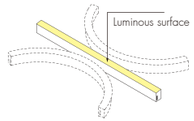
- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV
- Excellent toughness, simple and stylish appearance, delicate and unique
- 5 years warranty.

• DIMENSION STRUCTURE





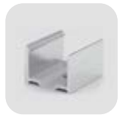
Min emittinging diameter



Emitting vertical only

• ACCESSORIES OPTIONS

Aluminium Profile



Aluminium Mounting Clips

End Cap (side)

End Cap (bottom)

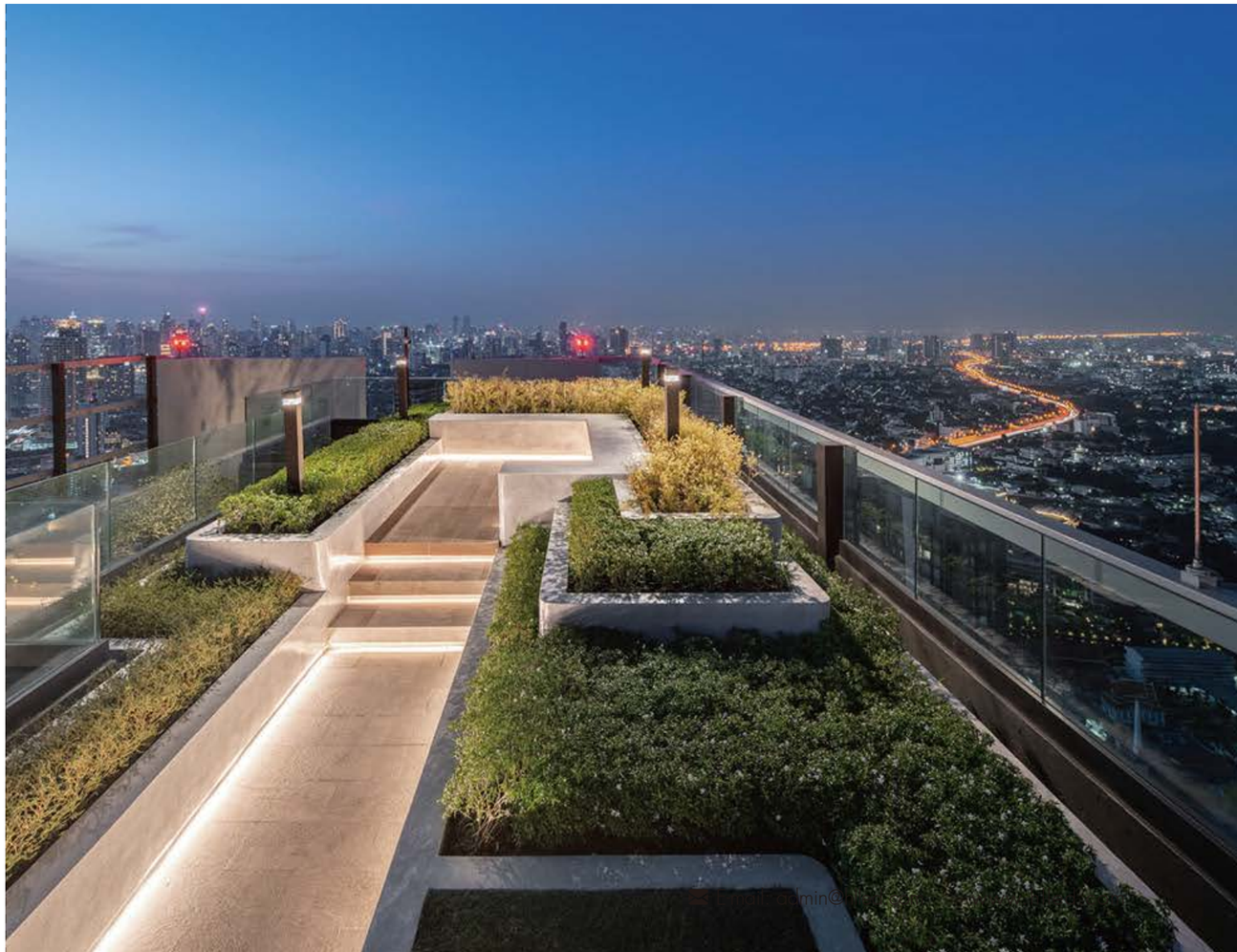
Tail Plug

LUMINAIRE PARAMETERS			
Size	W20*H20mm		
Voltage	DC24V		
Power	5w/m	10w/m	15w/m
Efficiency@3000K	48.4lm/W	46.7lm/W	42.3lm/W
CCT	2100K-6000K/R/G/B/Y/P/RGB/RGBW		
CRI	>90		
IP rate	IP67		
Certification	CE, ROHS		
Working temperture	-25℃~+60℃		
Warranty	5 years		

Horizontal Bending

Vertical Bending

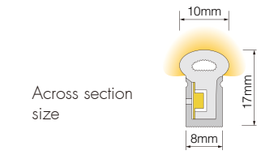
Only One Bin

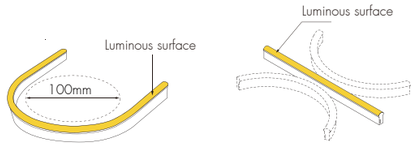


HL-N0817V24-CXX

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 5 years warranty.

• DIMENSION STRUCTURE





Min emittinging diameter

Emitting vertical only

• ACCESSORIES OPTIONS

Aluminium Profile | Aluminium Mounting Clips | Flexible profile

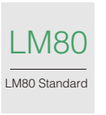
End Cap (side) | End Cap (side) | Tail Plug

LUMINAIRE PARAMETERS		
Size	W8*H17mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@4000K	34.8lm/W	34lm/W
CCT	2100K-6000K/R/G/B/A/P/RGB	
CRI	>90	
IP rate	IP67	
Certification	CE, ROHS	
Working temperture	-25℃~+60℃	
Warranty	5 years	

Horizontal Bending

Vertical Bending

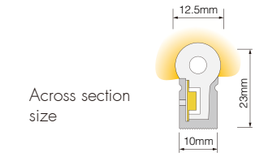
Only One Bin

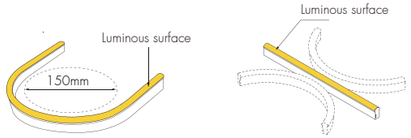


HL-N1023V24-CXX

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV
- Excellent toughness, simple and stylish appearance, delicate and unique
- 5 years warranty.

• DIMENSION STRUCTURE





Min emittinging diameter

Emitting vertical only

• ACCESSORIES OPTIONS

Aluminium Profile

Aluminium Mounting Clips

Tail Plug

End Cap (side)

End Cap (side)

End Cap (bottom)

LUMINAIRE PARAMETERS			
Size	W10*H23mm		
Voltage	DC24V		
Power	5w/m	10w/m	15w/m
Efficiency@4000K	39.4lm/W	38.7lm/W	36.1lm/W
CCT	2100K-6000K/R/G/B/A/P/RGB		
CRI	>90		
IP rate	IP67		
Certification	CE, ROHS		
Working temperture	-25℃~+60℃		
Warranty	5 years		

Horizontal Bending

Vertical Bending

Only One Bin

Resistant to solvents

UV Protection

Resistant Saltwater

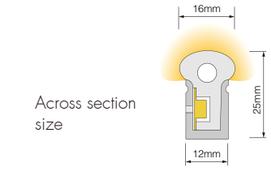
3-Step MacAdam

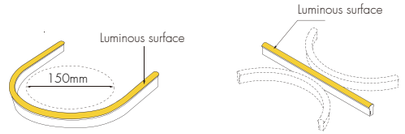
223

HL-N1225V24-CXX

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 5 years warranty.

• DIMENSION STRUCTURE





Min emittinging diameter

Emitting vertical only

• ACCESSORIES OPTIONS

Aluminium Profile

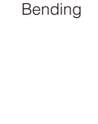
Aluminium Mounting Clips

End Cap (side)

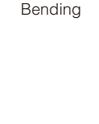
End Cap (side)

Tail Plug

LUMINAIRE PARAMETERS			
Size	W12*H25mm		
Voltage	DC24V		
Power	5w/m	10w/m	15w/m
Efficiency@4000K	32lm/W	31.8lm/W	29.4lm/W
CCT	2100K-6000K/R/G/B/A/P/RGB/RGBW		
CRI	>90		
IP rate	IP67		
Certification	CE, ROHS		
Working temperture	-25℃~+60℃		
Warranty	5 years		



Horizontal Bending



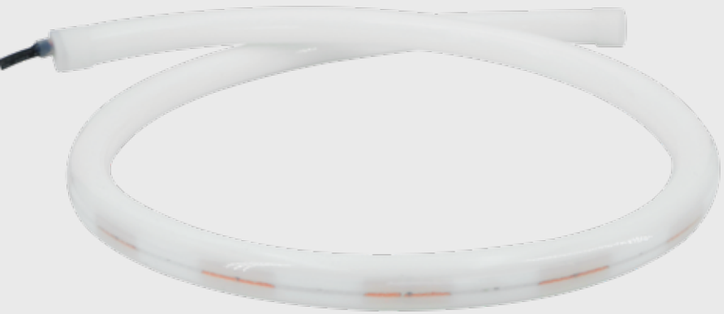
Vertical Bending

Only One Bin

360° lighting series adopt innovative technology, 360° light emission, no dark area. Flexible material, match with different application solution to meet any molding needs. Add more flexibility and artistry to your space.

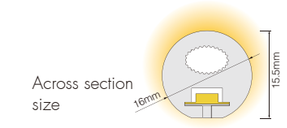
360° Lighting Series

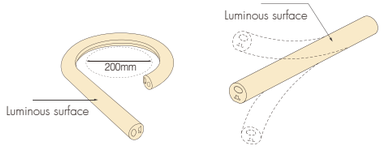
HL-ND16V24-CXX



- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 5 years warranty.

• DIMENSION STRUCTURE





Min emittinging diameter

Emitting vertical only

• ACCESSORIES OPTIONS

PC Profile

Clip

Silicone End Cap

Tail Plug

Only One Bin

IP67 Waterproof Grade

LM80 LM80 Standard

3-Step MacAdam

Resistant to solvents

UV Protection

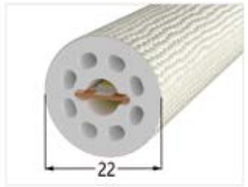
Resistant Saltwater

LUMINAIRE PARAMETERS		
Size	W16*H15.5mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@4000K	73lm/W	70.7lm/W
CCT	2100K-6000K/R/G/B/A/P/RGB	
CRI	>90	
IP rate	IP67	
Certification	CE, ROHS	
Working temperture	-25℃~+60℃	
Warranty	5 years	

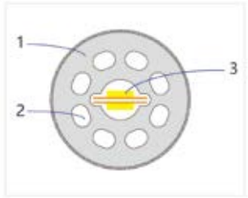
HL-ND22PV24-CXX

- Professional design with continuous and uniform illumination, no led dot or dark spot. same color consiste.
- Silicon housing UV&Flame&Heat resistant, stable performance in heavy weather.
- Resistance to corrosion, acid and alkali. IP67 waterproof.
- Extremely flexible, easy to bend to any.

• DIMENSION STRUCTURE



Side (mm)



1.Open layer: Spread the light

2.Diffusion Layer: diffusing lights

3.PCB : (1) PCB width: 8mm * 2
(2) LED:2835
(3) PCB:≥240leds/m

• ACCESSORIES OPTIONS

Cap with hole

End cap no hole

Plastic clip

Only One Bin

IP67 Waterproof Grade

LM80 LM80 Standard

3-Step MacAdam

Resistant to solvents

UV Protection

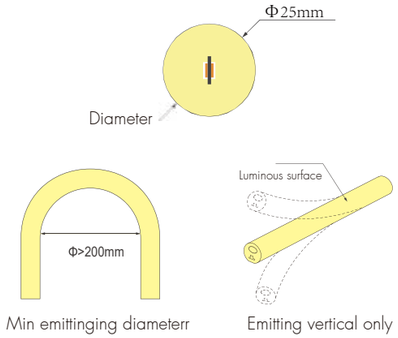
Resistant Saltwater

LUMINAIRE PARAMETERS	
Size	W22*H22mm
Voltage	DC24V
Power	19w/m
Efficiency@4000K	＞40lm/W
CCT	3000K+150 4000K+200 5300K+300 R.G.B Magic
CRI	≥80
IP rate	IP67
Certification	CE, ROHS
Working temperture	-25℃～+50℃
Warranty	5 years

HL-NR25V24-CXX

- Unique optical light distribution structure design, 360° emitting uniform without shadow.
- IP65 protection level with integrated extrusion molding process, high light transmittance, environment-friendly silicone material.
- Excellent toughness, stylish appearance, elegant design.
- Salt resistance, acid & alkali corrosion resistance, UV and fire resistance.
- Ambient temperature: -25°C ~60°C ; Storage temperature: 0°C ~60°C.
- 5 years warranty.

• DIMENSION STRUCTURE



Min emittinging diameterr

Emitting vertical only

• ACCESSORIES OPTIONS

PC Profile

Clip

Suspension Installation

Lift Fixtures A

Lift Fixtures B

U-shaped Lift Fixtures

Connector For Side Outlet

Connector

Metal End Cap

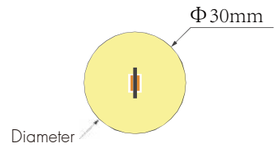
Silicone End Cap

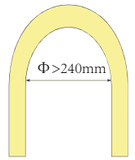
LUMINAIRE PARAMETERS		
Size	W25*H25mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@4000K (Single color)	27lm/W	62lm/W
Efficiency@4000K (Tunable white)	49lm/W	50lm/W
CCT	2400K-6000K/R/G/B/Y/P/RGB	
CRI	>90	
IP rate	IP65	
Certification	CE, ROHS	
Working temperture	-25℃~+60℃	
Warranty	5 years	

HL-NR30V24-CXX

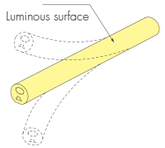
- Compared with traditional neon lights, it has good flexibility, simple and fashionable appearance, and is exquisite and unique.
- Unique optical structure design, 360° luminous uniformity without shadow.
- High light transmittance, environmentally friendly silicone material, silicone sleeve extrusion molding process, IP67 protectionlevel.
- Salt solution resistance, acid and alkali corrosion resistance, flame retardant resistance, UV resistance.

• DIMENSION STRUCTURE





Min emittinging diameter



Emitting vertical only

• ACCESSORIES OPTIONS

PC Profile

Clip

Suspension Installation

Plug Head End

Plug the end

LUMINAIRE PARAMETERS		
Size	W30*H30mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@4000K	52.6lm/W	60.6lm/W
CCT	2400K-6000K/R/G/B/Y/P/RGB	
CRI	90	
IP rate	IP67	
Certification	CE, ROHS	
Working temperture	-20℃～+60℃	
Warranty	5 years	

Small Angle bending is prohibited

Prohibit trample

Only One Bin

Waterproof Grade

LM80 Standard

Resistant to solvents

UV Protection

Resistant Saltwater

3-Step MacAdam

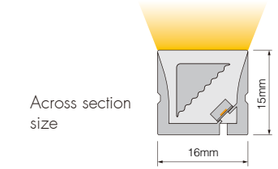
3D Series

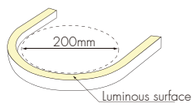
Directly shuttle in 3D space through the systematic installation solution, and meet more applying demands.

HL-3DN1615V24-CXX

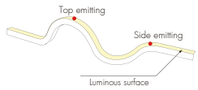
- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.

• DIMENSION STRUCTURE





Min emittinging diameter



Combine with top emitting and sideemitting, to meet the request of thedifferent space emitting.

• ACCESSORIES OPTIONS

Aluminium Profile

Curved Aluminum Profile

Suspension Installation

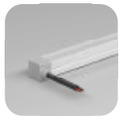
PC profile

Stainless Steel Mounting Clips

Aluminium Mounting Clips

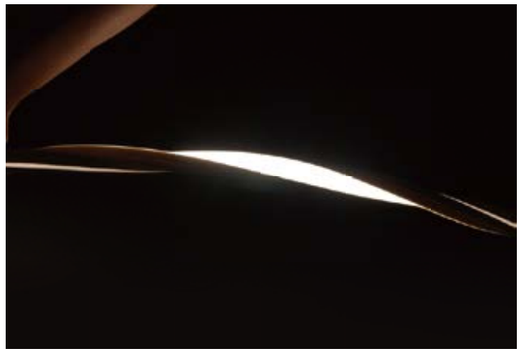
• SILICONE END CAP

Front Cable Entry


Side Cable Entry

Bottom Cable Entry

Front Cable Entry



Only One Bin

IP67
Waterproof Grade

LM80
LM80 Standard

3-Step MacAdam

Resistant to solvents

UV Protection

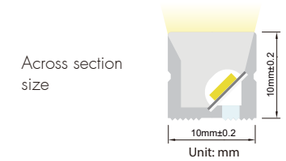
Resistant Saltwater

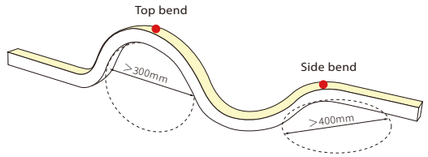
LUMINAIRE PARAMETERS		
Size	W16*H15mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@4000K	77lm/W	73lm/W
CCT	2100K-6000K/R/G/B/A/P	
CRI	>90	
IP rate	IP67	
Certification	CE, ROHS	
Working temperture	-25℃~+60℃	
Warranty	5 years	

HL-N3D1010

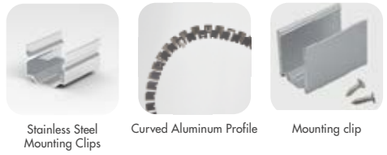
- It is made of Dow Chemical SILASTIC™ ET-7021 silicone rubber, which provides high transparency and high strength.
- Environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- Combine with top bend and side bend, to meet the request of the different space bend.
- 5 years warranty.

• DIMENSION STRUCTURE





• ACCESSORIES OPTIONS

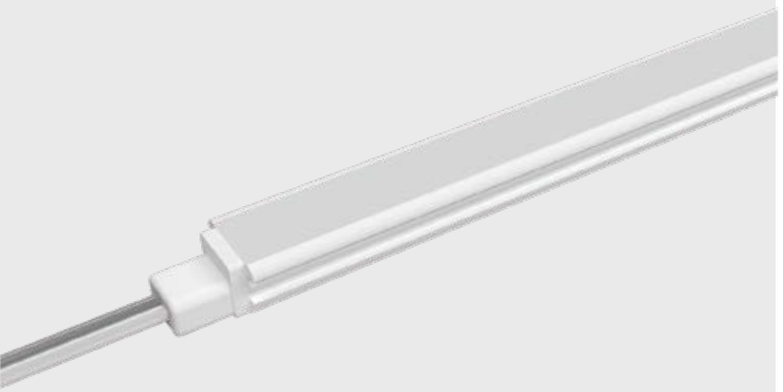


LUMINAIRE PARAMETERS		
Size	W10*H10mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@4000K	50.6lm/W	
CCT	2700K-6500K/R/G/B/Y/O/P	
CRI	>90	
IP rate	IP67	
Certification	CE, ROHS	
Working temperture	-25℃~+60℃	
Warranty	5 years	

Embedded Neon Lights

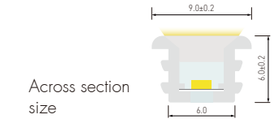
The embedded neon lights feature a unique flanging and closing design, which can avoid gaps caused by oversized or uneven grooves. They can perfectly blend with architectural spaces, walls, household cabinets and so on, achieving the effect of seeing the light but not the lights themselves, and realizing a simple and fashionable decorative style.

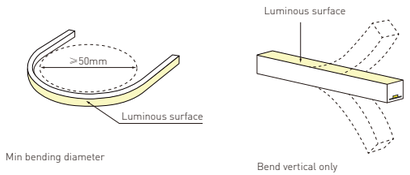
HL-ENT0606V24-CX-EN



- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP44 protection level, salt solution resistance, acids & alkalis and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 5 years warranty.

• DIMENSION STRUCTURE



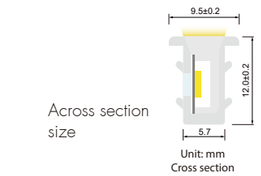


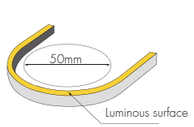
LUMINAIRE PARAMETERS	
Size	W6*H6mm
Voltage	DC24V
Power	Min3w/m Max6w/m
Efficiency@4000K	66.1lm/W
CCT	1700K-5600K/R/G/B/Y/O
CRI	>90
IP rate	IP44
Certification	CE, ROHS
Working temperture	-25℃~+55℃
Warranty	5 years

HL-ENS0612V24-CX-EN

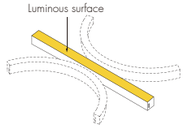
- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP44 protection level, salt solution resistance, acids & alkalis and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 5 years warranty.

• DIMENSION STRUCTURE





Min emittinging diameter



Emitting vertical only

LUMINAIRE PARAMETERS	
Size	W6*H12mm
Voltage	DC24V
Power	10w/m
Efficiency@4000K	30.3lm/W
CCT	2700K-6500K/R/G/B/Y/O/P/RGB
CRI	>90
IP rate	IP44
Certification	CE, ROHS
Working temperture	-25℃~+60℃
Warranty	5 years

Horizontal Bending

Vertical Bending

Only One Bin

IP44
Waterproof Grade

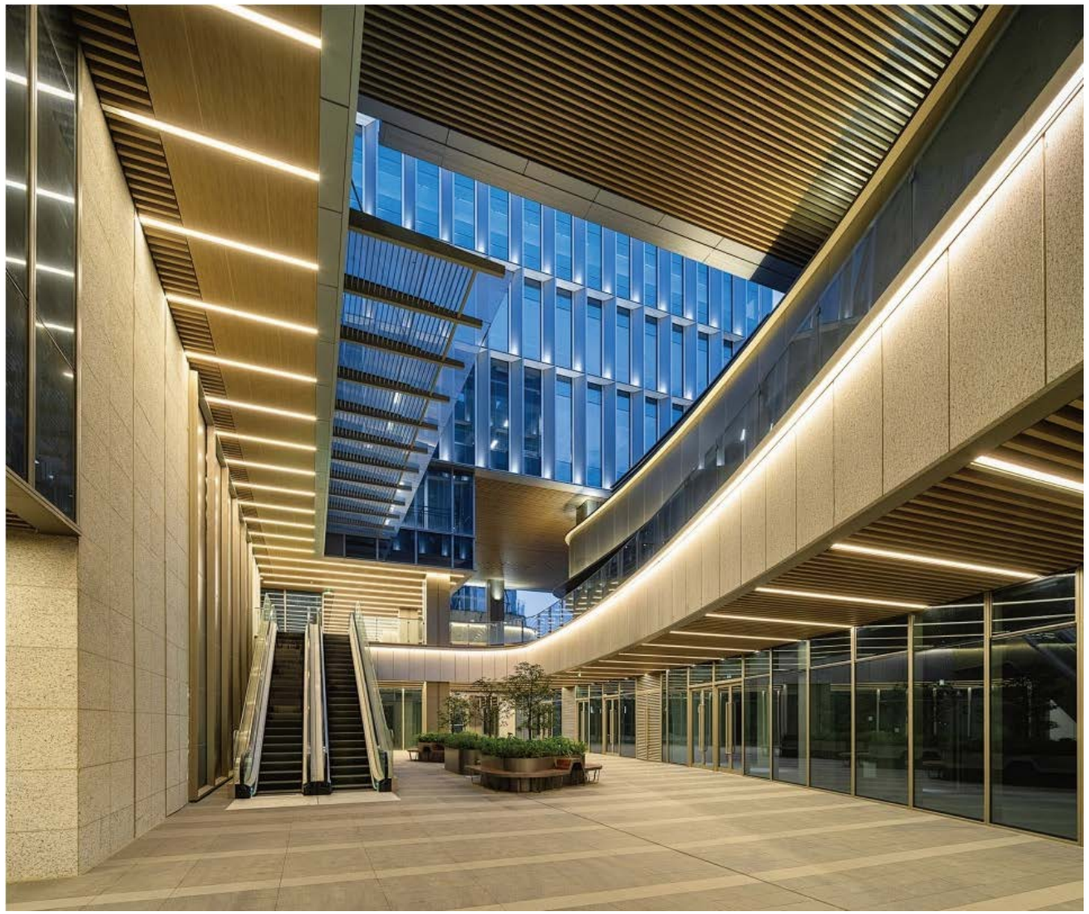
LM80
LM80 Standard

Resistant to solvents

UV Protection

Resistant Saltwater

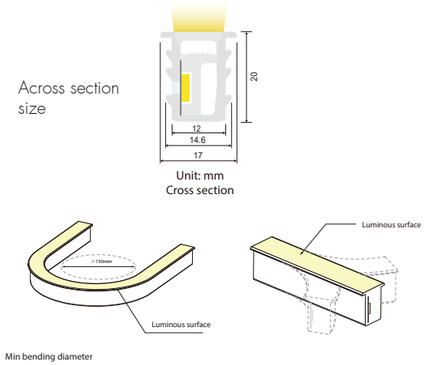
3-Step MacAdam



HL-EN1220V24-CX-EN

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP44 protection level, salt solution resistance, acids & alkalis and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 5 years warranty.

• DIMENSION STRUCTURE

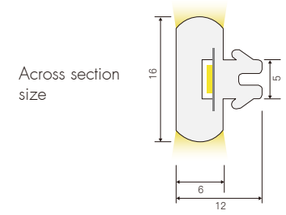


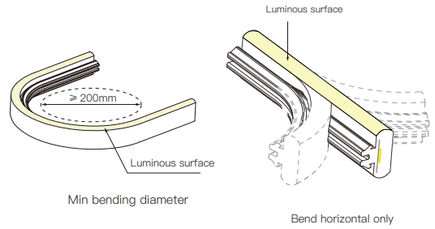
LUMINAIRE PARAMETERS	
Size	W12*H20mm
Voltage	DC24V
Power	10w/m
Efficiency@4000K	40.7lm/W
CCT	2400K-5800K/R/G/B/Y/O/P/RGB
CRI	>90
IP rate	IP44
Certification	CE, ROHS
Working temperture	-25℃~+60℃
Warranty	5 years

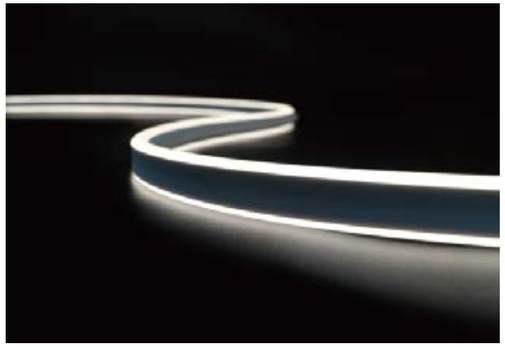
HL-DN1612V24-C40

- It is made of Dow Chemical SILASTIC™ ET-7021 silicone rubber, which provides high transparency and high strength.
- Unique two-sided luminous structure design, can be used as a variety of scene atmosphere lighting;
- Excellent toughness, unique and simple appearance, perfect integration into each scene;
- Environment-friendly silicone material, integrated extrusion molding process;
- IP65 protection gradesalt solution resistance, acids & alkalis and UV resistance;
- 5 years warranty.

• DIMENSION STRUCTURE



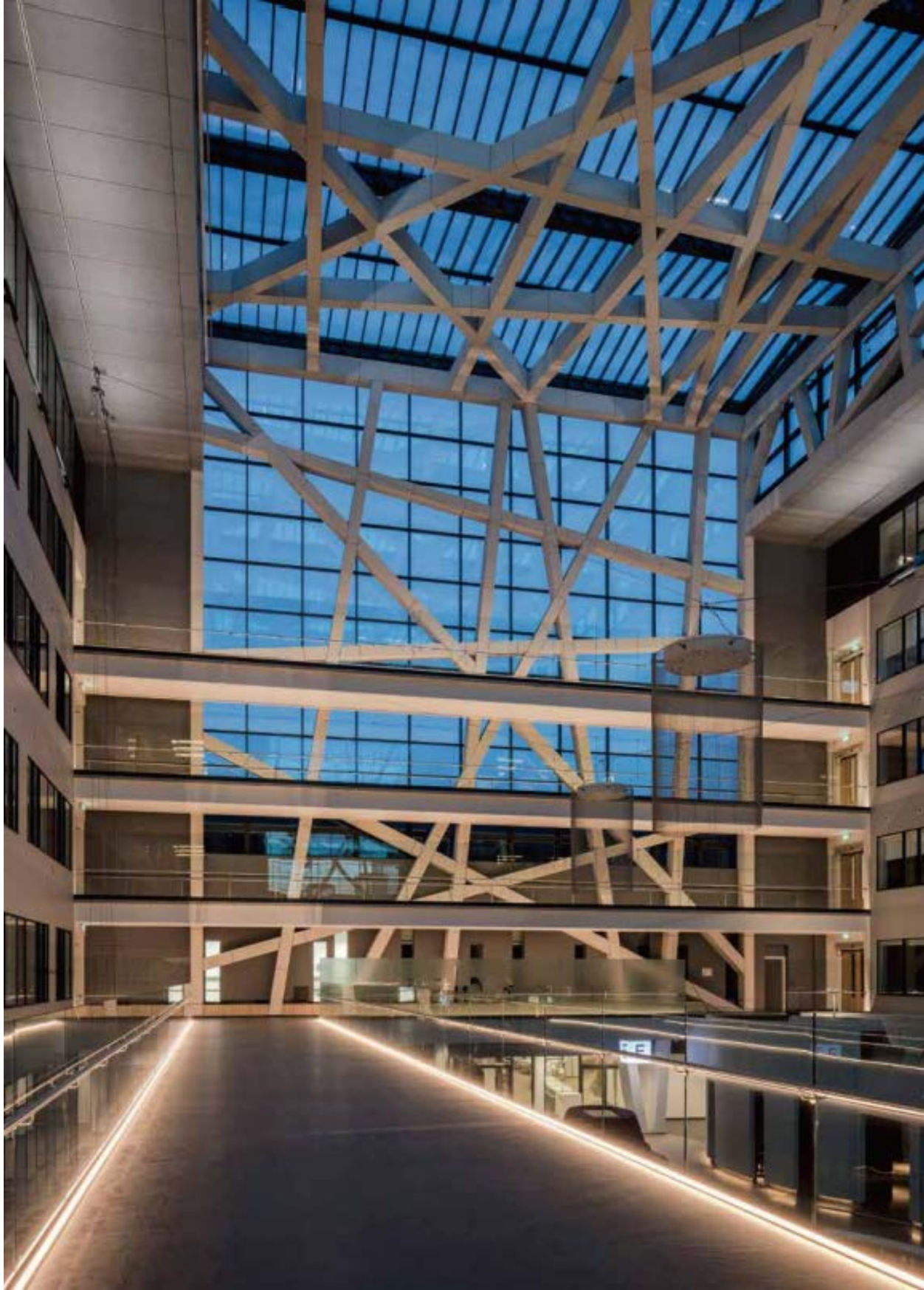




LUMINAIRE PARAMETERS	
Size	W12*H16mm
Voltage	DC24V
Power	10w/m
Efficiency@4000K	51lm/W
CCT	2400K-6500K/R/G/B/Y/P/RGB
CRI	>90
IP rate	IP65
Certification	CE, ROHS
Working temperture	-25℃~+60℃
Warranty	5 years

High-voltage Neon Lights

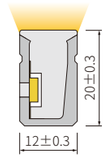
High - voltage neon lights can produce high brightness, have good long - distance lighting effects, and are rich and vivid in colors. They are suitable for outdoor large - scale advertising signs, theme park entrance signs, guiding signs, bars, dance halls and other places.



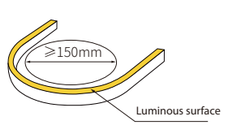
HL-NS1220AC

- It is made of Dow Chemical SILASTIC™ ET-7021 silicone rubber, which provides high transparency and high strength.
- Environmental protection grade silicone material,integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis,corrosive gases, fire and UV
- Excellent toughness, simple and stylish appearance, delicate and unique
- 3 years warranty, working life ≥30000 hours;

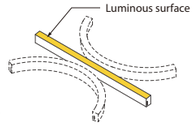
• DIMENSION STRUCTURE



Unit: mm
Cross section



Min Bending diameter



Bend horizontal only

• ACCESSORIES OPTIONS

Mounting Clips

Aluminium Mounting clips

Aluminium Profile

Flexible profile

LUMINAIRE PARAMETERS	
Size	W12*H20mm
Voltage	AC230V
Power	12w/m
Efficiency@4000K	43.3lm/W
CCT	1800K-6500K
CRI	≥90
IP rate	IP67
Certification	CE, ROHS
Working temperture	-25℃~+60℃
Warranty	3 years

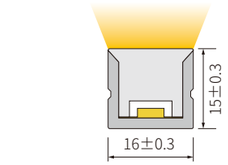
Horizontal Bending

Vertical Bending

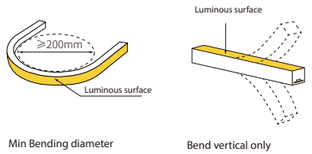
Only One Bin

HL-NT1615AC

• DIMENSION STRUCTURE



Unit: mm
Cross section



Min Bending diameter

Bend vertical only

• ACCESSORIES OPTIONS

Mounting Clips

Aluminium Mounting clips

Aluminium Profile

Curved Profile

- It is made of Dow Chemical SILASTIC™ ET-7021 silicone rubber, which provides high transparency and high strength.
- Environmental protection grade silicone material,integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis,corrosive gases, fire and UV
- Excellent toughness, simple and stylish appearance, delicate and unique
- 3 years warranty, working life ≥30000 hours;

LUMINAIRE PARAMETERS	
Size	W16*H15mm
Voltage	AC230V
Power	12w/m
Efficiency@4000K	57lm/W
CCT	1800K-6500K
CRI	≥90
IP rate	IP67
Certification	CE, ROHS
Working temperture	-25℃~+60℃
Warranty	3 years

Horizontal Bending

Vertical Bending

Only One Bin

IP67
Waterproof Grade

LM80
LM80 Standard

Resistant to solvents

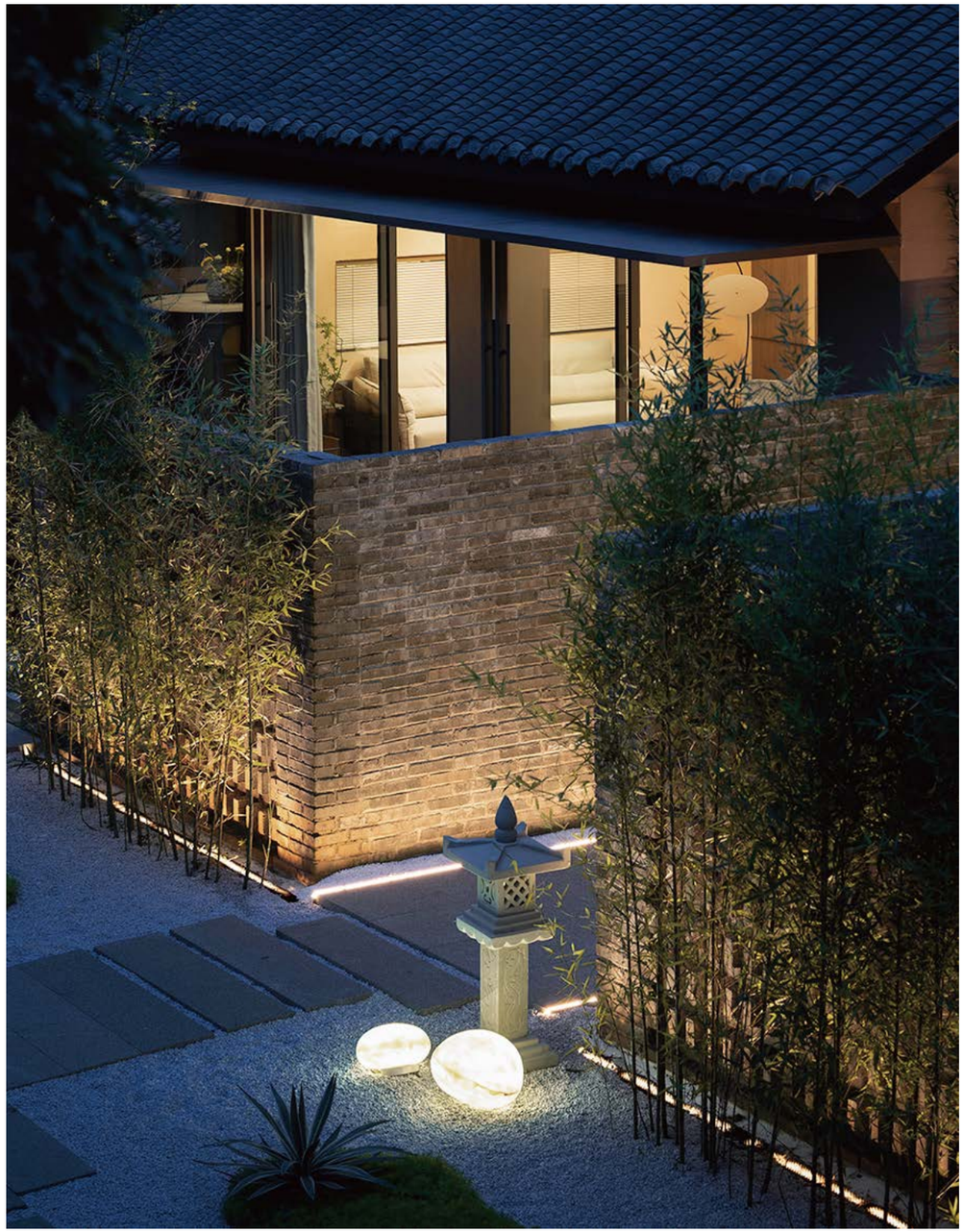
UV Protection

Resistant Saltwater

3-Step MacAdam

Flexible LED Wall Washer

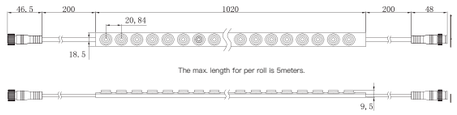
With its unique appearance design, excellent lighting performance and a wide range of application scenarios, wall washing lamps have become an indispensable part of the modern lighting field.

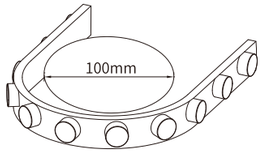


HL-WL2Q48V24-C30

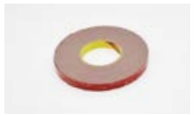
-Adopting TPU material, it' s resistant to yellowing, high temperature, corrosion,weak acid and alkali, and has great flexibility.
-PU glue is used for filling and sealing, so that it has strong adhesion, good durability and high reliability.
-It can replace the traditional hard wall washer light or LED strip. It' s small in size, light in weight, flexible and easy to install.
-Various beam angles (30°, 45°, 60°, 20*45°) are available for different applications.
-With low voltage DC24V, higher safety factor

• DIMENSION STRUCTURE





• ACCESSORIES OPTIONS


3M Tape

Plastic Holding Clips

Stainless Steel Mounting Clips

Aluminum Profile

Only One Bin

IP67 Waterproof Grade

LM80 LM80 Standard

3-Step MacAdam

Resistant to solvents

UV Protection

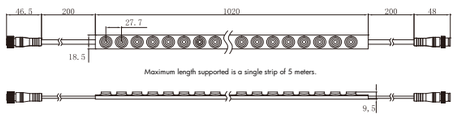
Resistant Saltwater

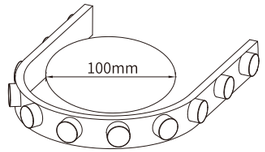
LUMINAIRE PARAMETERS	
Model No.	HL-WL2Q48V24-C30
Input voltage	24V
Power	18W
LEDs /m	48LEDs
CCT	2700k-6500k/RGB/RGBW
CRI	＞90
IP rate	IP67
Bram angle	30°/45°/60°/20*45°
Certification	CE, ROHS
Working temperture	-25℃～+45℃
Warranty	3 years

HL-WL13Q36V24-CXX

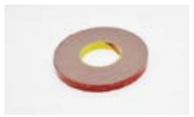
- Material: TPU, resistant to yellowing, high temperature, corrosion, weak acid, and alkali. It is also flexible.
- Can replace traditional hard wall-washing lights or LED light bars. It is small, lightweight, and bendable. It is easy to install and flexible to apply.
- Multiple beam angles are available (15°, 30°, 45°, 15*60°), suitable for different environments and places.
- Uses high-quality waterproof RGB light sources and RGBW light sources, with high brightness, low power consumption, and good consistency.
- Full-color, with various color-changing effects available when used with a control system.
- Compatible with DMX512(1990) protocol, automatic addressing and encoding, using RS485 signal trunk and signal differential transmission method.
- Has strong anti-interference ability and long transmission distance.

• DIMENSION STRUCTURE





• ACCESSORIES OPTIONS



3M Tape

Plastic Holding Clips

Stainless Steel Mounting Clips

Aluminum Profile

Only One Bin

IP67
Waterproof Grade

LM80
LM80 Standard

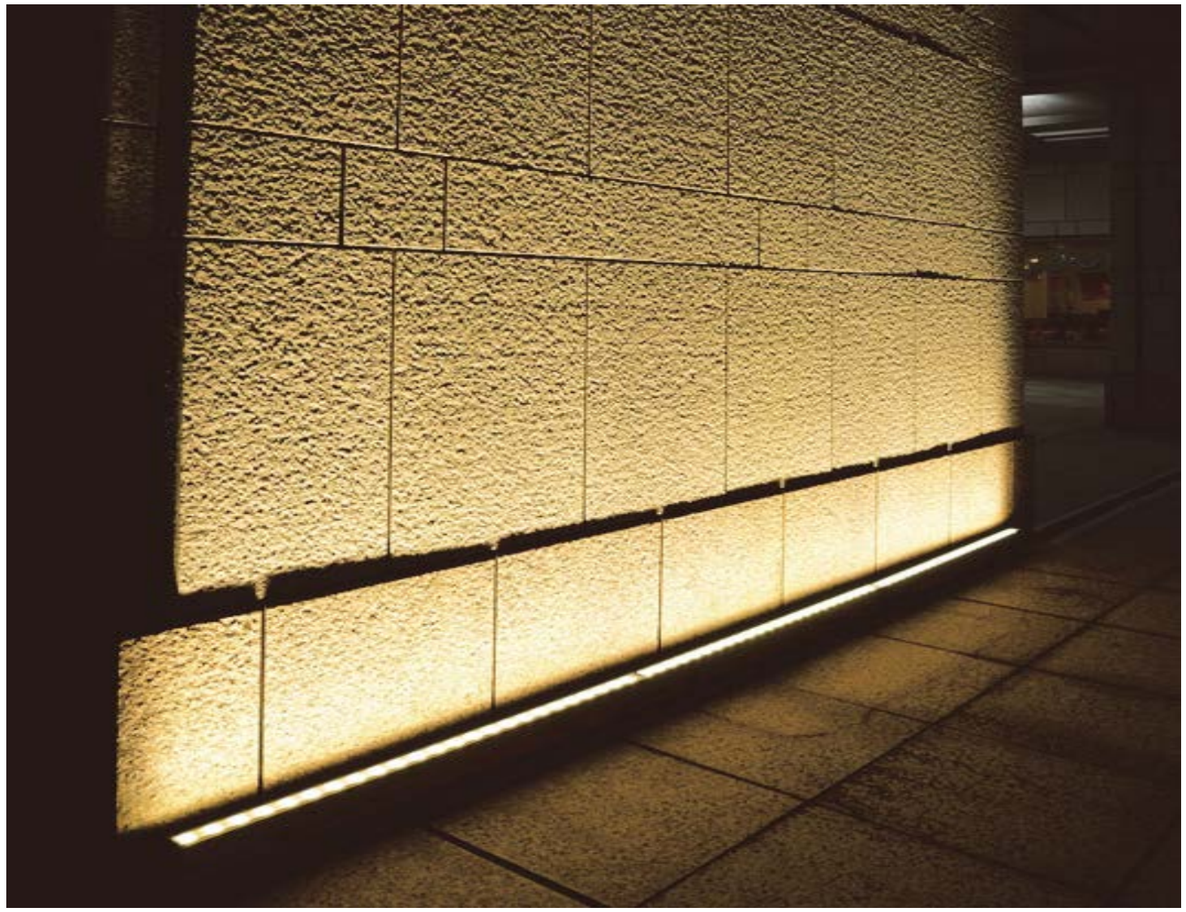
3-Step MacAdam

Resistant to solvents

UV Protection

Resistant Saltwater

LUMINAIRE PARAMETERS	
Model No.	HL-WL13Q36V24-CXX
Input voltage	24V
Power	≤8W
LEDs /m	42LEDs
CCT	2700k-6500k/RGB/RGBW
CRI	＞90
IP rate	IP67
Bram angle	15°/30°/45°/15*60°
Certification	CE, ROHS
Working temperture	-25℃～+45℃
Warranty	3 years



HL-WL1616V24-CXX

-Optical lens emits light to achieve different lighting needs

-Good flexibility, bendable shape

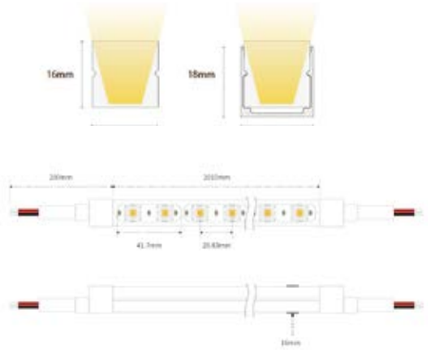
-Two-tone silicon extrusion,cut mark can be seen on the back,easy to cut and use

-Using module lens+silicon design, Can be top bend or side bend

-High and low temperature resistance, can maintain a soft state at minus 25 degrees to 45 degrees

-Salt ,acid and alkali resistance, Anti-UV , fire proof and IP 65 water proof

• DIMENSION STRUCTURE



• ACCESSORIES OPTIONS

Only One Bin

IP65 Waterproof Grade

LM80 LM80 Standard

3-Step MacAdam

Resistant to solvents

UV Protection

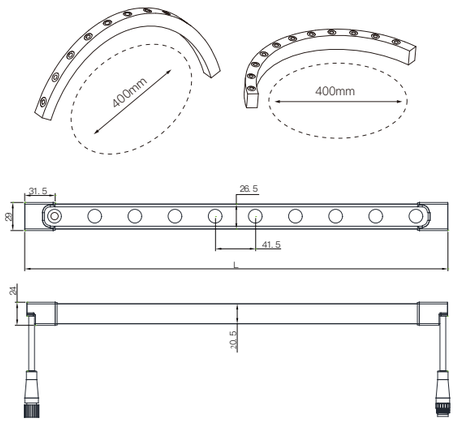
Resistant Saltwater

LUMINAIRE PARAMETERS	
Model No.	HL-WL1616V24-CXX
Input voltage	DC24V
Power	16W
LEDs /m	48LEDs
CCT	3000k-6000k/RGB/RGBW
CRI	CRI 90
IP rate	IP65
Bram angle	30°
Certification	CE, ROHS
Working temperture	-25℃～+45℃
Warranty	3 years

HL-WL2620P-24V

-Using optical grade environmental protection silicone material, salt resistance, acid and alkali corrosion resistance, flame retardant, UV resistance.
-The free bending structure design can perfectly fit the outdoor curved surface of various arcs to achieve the effect of wall washing.
-Integrated extrusion molding process, waterproof grade up to IP65.
-Patented optical structure design, a variety of angles optional.
-Hidden end cap design, easy to install.

• DIMENSION STRUCTURE



• ACCESSORIES OPTIONS

Aluminum Clip

Adjustable Angle Clip
(use with aluminum clips or profile)

Aluminum Profile

Only One Bin

Waterproof Grade

LM80 Standard

3-Step MacAdam

Resistant to solvents

UV Protection

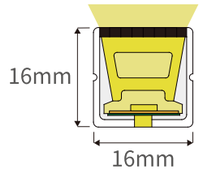
Resistant Saltwater

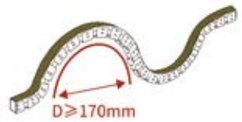
LUMINAIRE PARAMETERS	
Model No.	HL-WL2620P-24V
Input voltage	DC24V
Power	16W
LEDs /m	24LEDs
CCT	2700k-6500k/RGB/RGBW
CRI	＞ 80
IP rate	IP65
Bram angle	15°/30°/50°/20*35°/18*20°/20*55°
Certification	CE, ROHS
Working temperture	-25℃～+45℃
Warranty	3 years

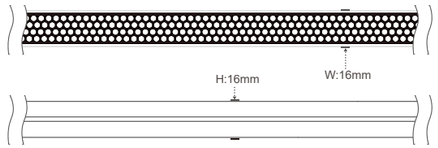
HL-FX1616

-- Professional structural design, high luminous efficiency, consistent color temperature, and no light spots.
-- Made of silicone material, it is resistant to high temperatures and can be used outdoors.
-- Can be used in harsh environments and has good waterproof performance.
-- Good flexibility, easy to bend, easy to shape, and resistant to pulling.
-- Honeycomb - shaped surface, unique appearance, and anti - glare.

• DIMENSION STRUCTURE



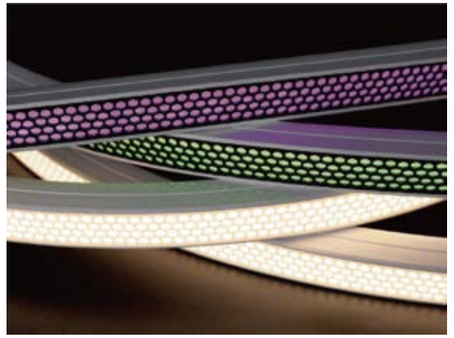




• ACCESSORIES OPTIONS

Alu profile

3D curved profile



LUMINAIRE PARAMETERS	
Size	W16*H16mm
PCB	12mm
Weight(g/m)	253
LED	2835/3535/5050
CCT	3000K/4000K/6500K/R.G.B/SPI-RGB
COLOR	White、black
Certification	CE, ROHS
Working temperture	-20℃～+50℃
Warranty	3 years

Horizontal Bending

Vertical Bending

Only One Bin

Waterproof Grade

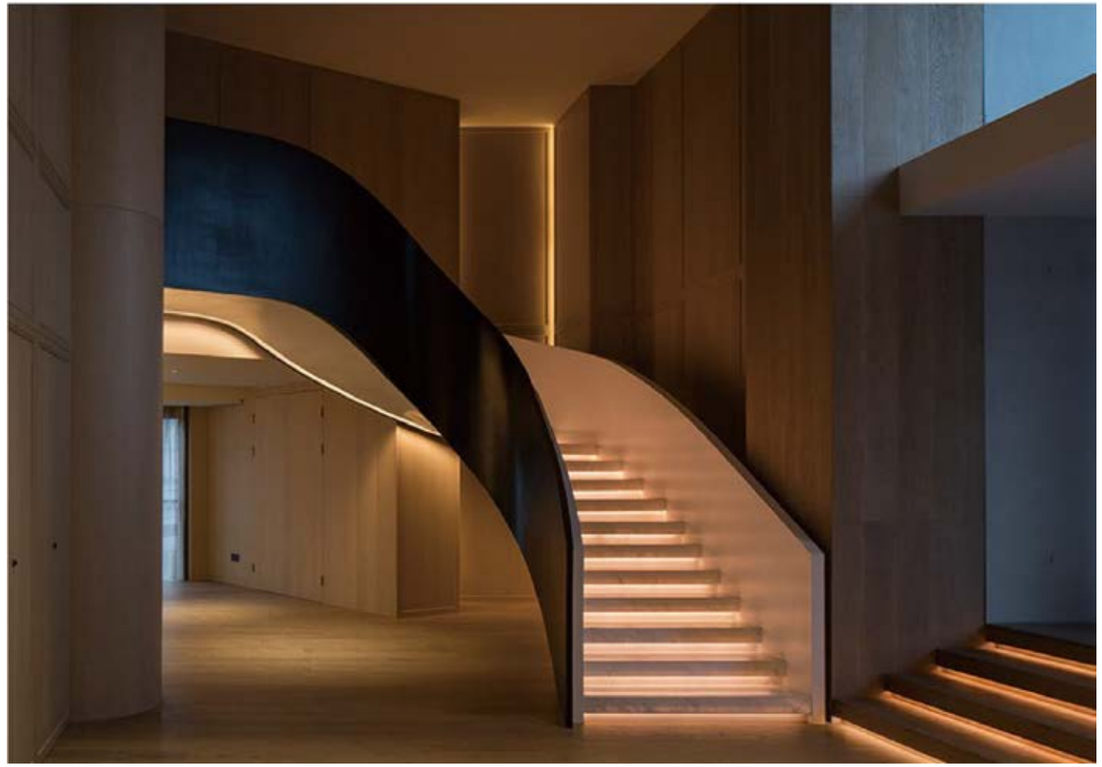
LM80 Standard

Resistant to solvents

UV Protection

Resistant Saltwater

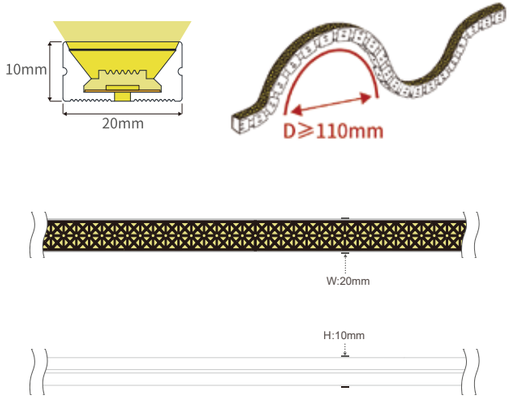
3-Step MacAdam



HL-FX2010

-- Professional structural design, high luminous efficiency, consistent color temperature, and no light spots.
-- Made of silicone material, it is resistant to high temperatures and can be used outdoors.
-- Can be used in harsh environments and has good waterproof performance.
-- Good flexibility, easy to bend, easy to shape, and resistant to pulling.
-- Honeycomb - shaped surface, unique appearance, and anti - glare.

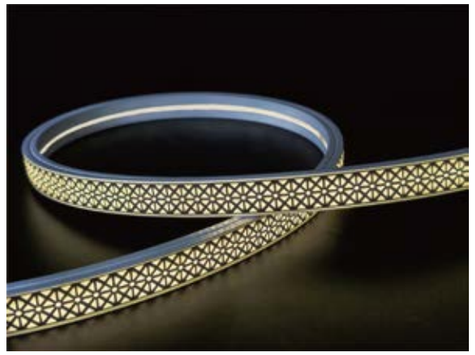
• DIMENSION STRUCTURE



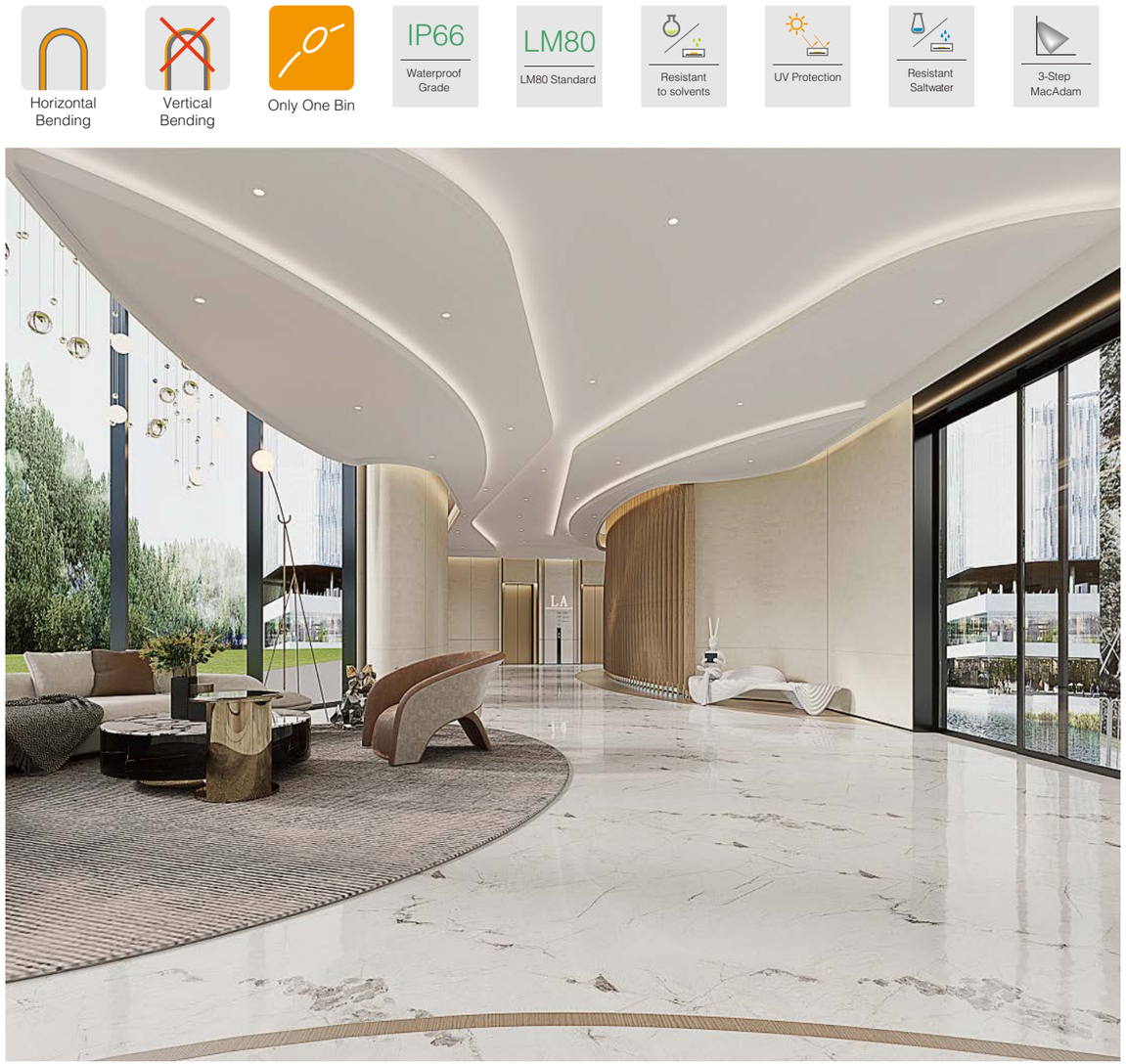
• ACCESSORIES OPTIONS

Alu profile

3D curved profile



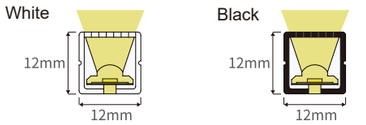
LUMINAIRE PARAMETERS	
Size	W20*H10mm
PCB	12mm
Weight(g/m)	195
LED	2835/3535/5050
CCT	3000K/4000K/6500K/R.G.B/RGB+IC
COLOR	White base with black surface
Certification	CE, ROHS
Working temperture	-20℃～+50℃
Warranty	3 years

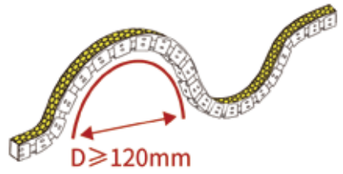


HL-FX1212

-- Professional structural design, high luminous efficiency, consistent color temperature, and no light spots.
-- Made of silicone material, it is resistant to high temperatures and can be used outdoors.
-- Can be used in harsh environments and has good waterproof performance.
-- Good flexibility, easy to bend, easy to shape, and resistant to pulling.
-- Honeycomb - shaped surface, unique appearance, and anti - glare.

• DIMENSION STRUCTURE

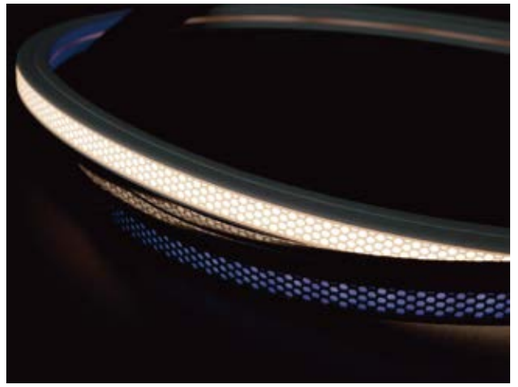




• ACCESSORIES OPTIONS

Alu profile

3D curved profile

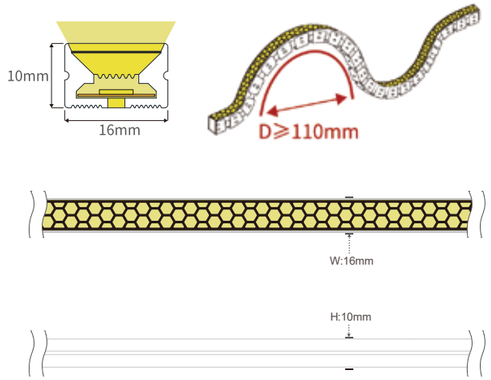


LUMINAIRE PARAMETERS	
Size	W12*H12mm
PCB	8mm
Weight(g/m)	161
LED	2835/3535/5050
CCT	3000K/4000K/6500K/R.G.B/SPI-RGB
COLOR	White and black
Certification	CE, ROHS
Working temperture	-20℃～+50℃
Warranty	3 years

HL-FX1610

-- Professional structural design, high luminous efficiency, consistent color temperature, and no light spots.
-- Made of silicone material, it is resistant to high temperatures and can be used outdoors.
-- Can be used in harsh environments and has good waterproof performance.
-- Good flexibility, easy to bend, easy to shape, and resistant to pulling.
-- Honeycomb - shaped surface, unique appearance, and anti - glare.

• DIMENSION STRUCTURE

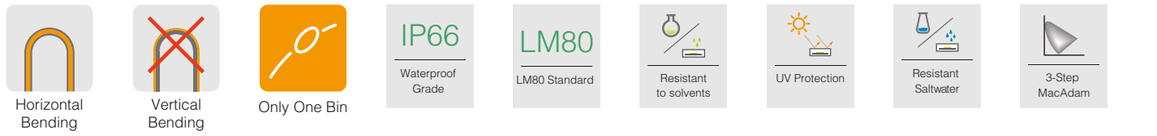


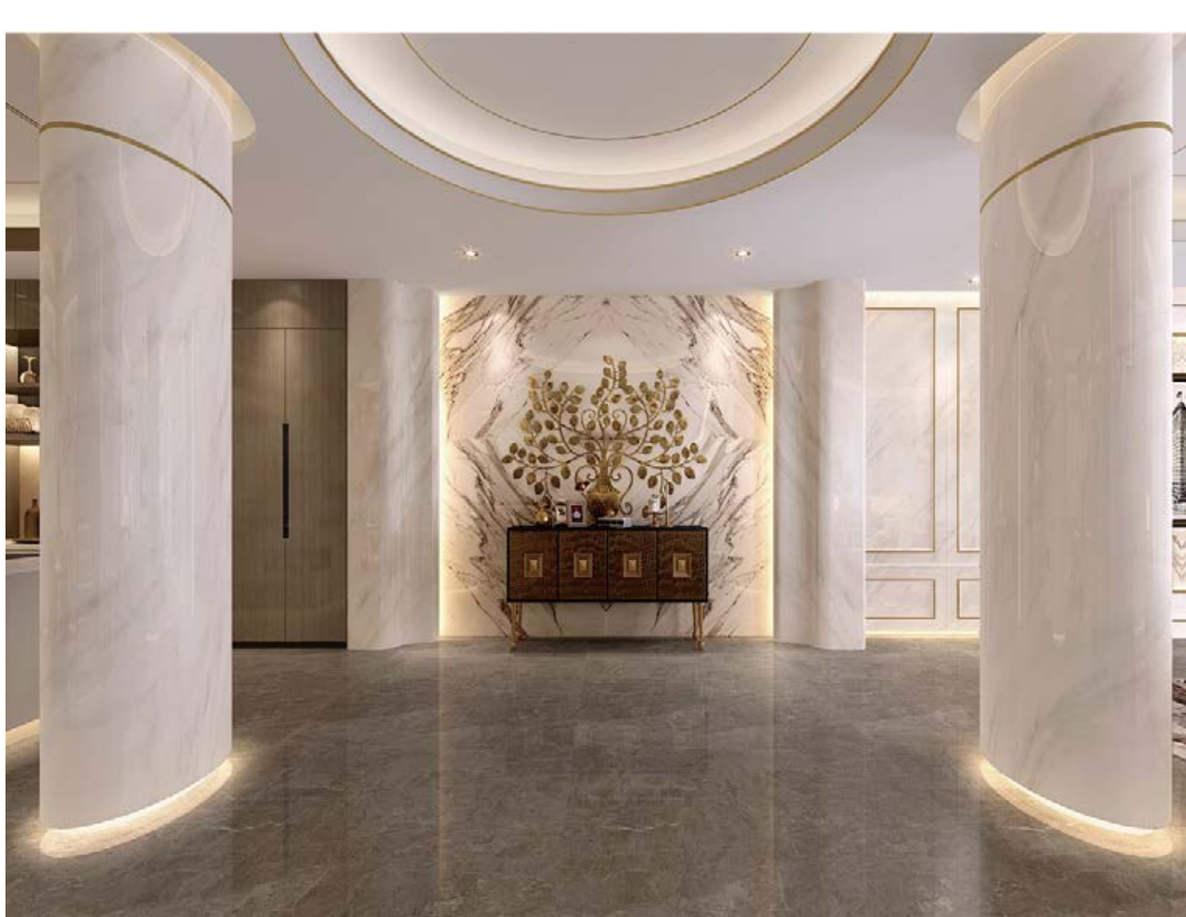
• ACCESSORIES OPTIONS

Alu profile

3D curved profile

LUMINAIRE PARAMETERS	
Size	W16*H10mm
PCB	12mm
Weight(g/m)	155
LED	2835/3535/5050
CCT	3000K/4000K/6500K/R.G.B/RGB+IC
COLOR	White base with black surface
Certification	CE, ROHS
Working temperture	-20℃~+50℃
Warranty	3 years





Garage Screen

Silicone Neon Strip Accessries

PRODUCT NAME	PRODUCT PICTURE
Anti sipon head	
Scissor	
Shear fixture	
IP67 waterproof connector	
IP67 PVC black line	
IP67 white silicone line	
Encoder	
DMX controller	
DMX controller	
IP67 signal transfer line	
IP67 power tee	

Power Options

Model	Size (mm)	Weight (Kg)	Input Voltage (V)	Output Voltage (V)	Output Current (A)	IP rate	Output Power (W)	Product Picture
LPV-20-12/24	118*35*26	0.22	90-264V/AC	12V/24	1.67/0.84	IP67	20	
LPV-35-12/24	148*40*30	0.34	90-264V/AC	12V/24	3/1.5	IP67	35	
LPV-60-12/24	162.5*42.5*32	0.4	90-264V/AC	12V/24	5./2.5	IP67	60	
LPV-100-12/24	190*52*37	0.63	90-264V/AC	12V/24	8.5/4.2	IP67	100	
LPV-150-12/24	191*63*37.5	0.74	85-264V/AC	12V/24	10/6.3	IP67	150	
LRS-35-12/24	99*82*30	0.23	85-264V/AC	12V/24	3/1.5	/	35	
LRS-50-12/24	99*82*30	0.23	85-264V/AC	12V/24	4.2/2.2	/	50	
LRS-75-12/24	99*97*30	0.3	85-264V/AC	12V/24	6/3.2	/	75	
LRS-100-12/24	129*97*30	0.34	85-264V/AC	12V/24	8.5/4.5	/	100	
LRS-150-12/24	159*97*30	0.48	85-264V/AC	12V/24	12.5/6.5	/	150	
LRS-200-12/24	215*115*30	0.66	85-264V/AC	12V/24	17/8.8	/	200	
LRS-350-12/24	215*115*30	0.76	85-264V/AC	12V/24	29/14.6	/	350	

For additional product information,
technical downloads, project inspiration,
contact details and much more... please go to

www.hlled.com

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Fax: (86)755-27607521

E-mail: admin@hlled.com

TWO THOUSAND TWENTY FIVE