

NEW

FREE BEND WALL WASHER-18*16MM SILICONE HOUSING

NEW PRODUCT LAUNCH NOTICE

FREE BEND WALL WASHER-18*16MM SILICONE HOUSING

DC24V-42P-20W-IP65

Beam angle 30°/60°

Suitable for villas, hotels, clubs, office buildings, and other indoor and outdoor wall washing lighting applications.



Optical lens



One LED
per cut



High-efficiency
LED beads



18*16mm



IP65



SIDE BEND

TOP BEND



Topic: New Product Launch Notification for FREE BEND
WALL WASHER-18*16MM SILICONE HOUSING

Doc No: KB-MK-NEW2023090101

Attn: Partner Customers

From: Marketing Center

Dear partners:

Greetings! In response to evolving market demands and to provide our partners with more competitive and distinctive products, we are excited to announce the launch of our patented product, the FREE BEND WALL WASHER-18*16MM SILICONE HOUSING. Below, we provide you with key information about this new product:

Product Name: FREE BEND WALL WASHER-18*16MM SILICONE HOUSING

Product Model: DC24V-42P-20W-IP65

Application: Suitable for indoor and outdoor wall washing lighting in villas, hotels, clubs, office buildings, and more.

Product Packaging: Customizable lengths are available based on project requirements. Choose between CUB branding or neutral packaging, with a standard 5-meter double-headed lead wire.

This product is now available for production, and we welcome both our new and existing customers to reach out to our sales department for orders and inquiries.

■ FREE BEND WALL WASHER-18*16MM SILICONE HOUSING



■ Product parameters

Model	Input Voltage	Power	Lumen	CRI	Product Size	Cut Size	Protection Grade	Warranty Period
DC24V-42P-20W-IP65	DC24V	20W/M	1500LM/M	≥90	18*16mm	One led per cut	IP65	2YEARS

■ Product features

1. Utilizing a one-piece extrusion process with silicone, ensuring a smooth and even surface, high light transmittance, stable quality, and a strong waterproof effect.
2. Incorporating high-brightness optical lens light beads, with 42 lights per meter and a CRI of 90. Choose from 30-degree and 60-degree lenses.
3. This LED light strip offers excellent flexibility, allowing both top and side bending. With the option to cut at every light, it is suitable for a wide range of indoor and outdoor wall washing lighting applications.

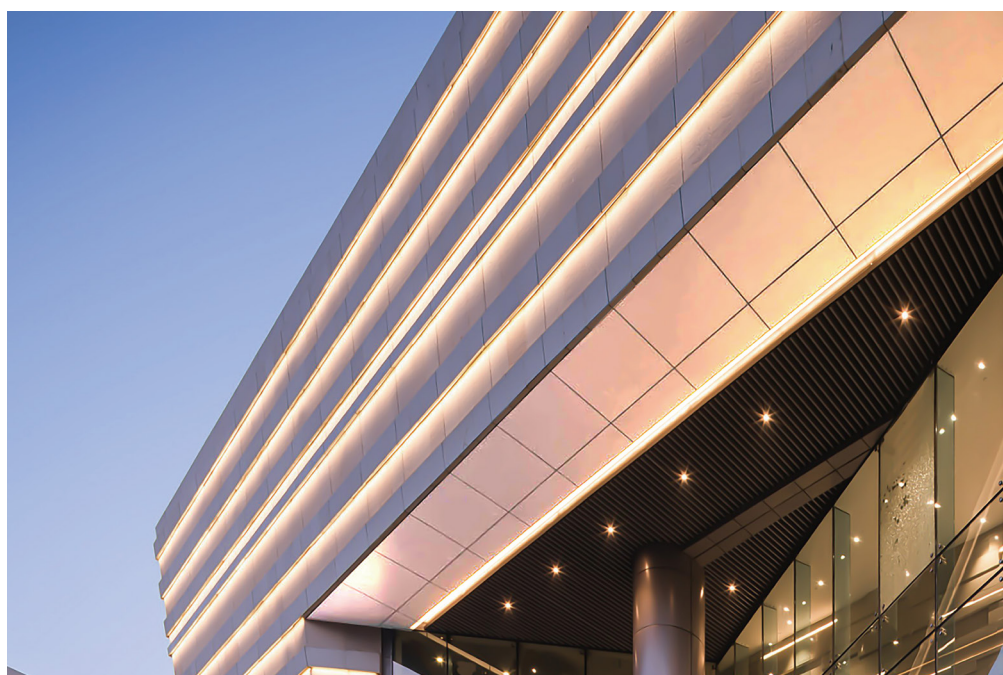
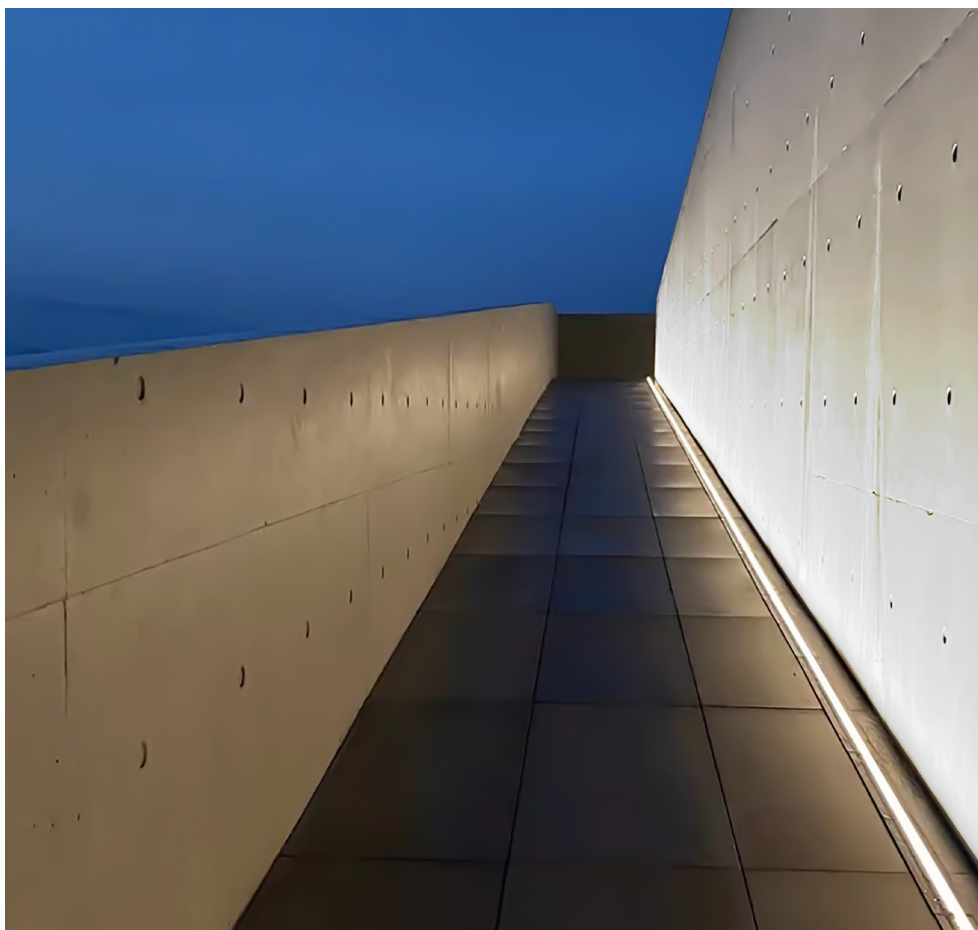
■ Notes

1. When installing in outdoor environments, it's important to pay attention to waterproofing at the connection points of the power plug and the light strip interface.
2. For outdoor illumination, where waterproofing is crucial, it's recommended to contact the factory for custom production based on the required length of the light strip for your project.
3. If the product is used in outdoor illumination settings, instances where customers cut and seal the light strip themselves leading to water ingress and non-functionality are not covered within the scope of after-sales service.

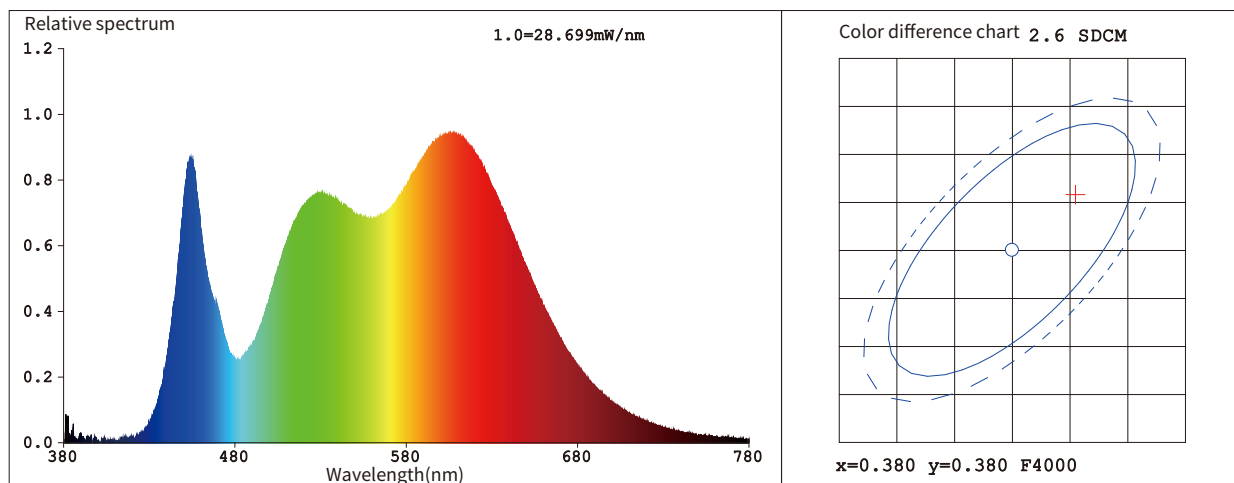
■ Application case



■ Application case



■ Integral Sphere Testing Report



Color parameter:

chromaticity coordinates: $x=0.3855$ $y=0.3858/u'=0.2248$ $v'=0.5062$

Correlated colour temperature: CCT=3933K(Chromatic aberration Duv=0.0027) Main wavelength: $\lambda_d=578.0\text{nm}$

Colour purity: Purity=31.5%

Color ratio: R=20.0% G=76.5% B=3.6% Peak wavelength: $\lambda_p=454.3\text{nm}$ Half-peak bandwidth: FWHM=23.1nm

Rendering index: Ra=91.2

R1=92 R2=95 R3=96 R4=93 R5=91 R6=93 R7=91

R8=77 R9=40 R10=86 R11=95 R12=66 R13=94 R14=97 R15=85

Photometric parameter:

Luminous flux $\Phi = 1516\text{ lm}$ Luminous efficiency: 75.90 lm/W Radiant flux $\Phi_e = 4.665\text{ W}$

Noctovision: 2640.9 S/P: 1.7421

Electrical parameters:

Supply voltage $V = 23.997\text{ V}$ Current $I = 0.8323\text{ A}$ Power $P = 19.97\text{ W}$ Power factor PF = 1.000

Classification: OUT Classification of white light: ANSI_4000K

Instrument status: Integral time $T = 600\text{ ms}$ $I_p = 54448$ (83%)



THE LIGHT OF WISDOM IS ENDLESS



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