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https://www.globalsources.com/missiler.co



SHENZHEN MISSILER TECHNOLOGY CO., LTD.



SMART LIGHTING SOLUTIONS

2022-2023



Shenzhen Missiler Technology Co., LTD.

Shenzhen Missiler Technology Co., LTD., founded in 2012, is located in the Guangdong-Hong Kong-Macao Greater Bay Area, with convenient transportation and access to the world. The factory is located in the world famous lighting city - Zhongshan Guzhen of China.

The company focuses on the research and development, production and sales of smart lighting products. We mainly produce and customize for smart LED recessed lights like down lights and spotlights, smart LED magnetic track lights, smart LED linear lights and smart LED strip lights, etc. The founding team is a group of veterans who have been deeply engaged in smart lighting products and Internet of Things industry solutions for years. They always keep the frontier pace of science and technology, constantly iterating and advancing with the Times.

Our LED lighting products are featured with high luminous, high color rendering index, long life, low energy consumption, flexible light dimming and color changing by choosing the superior LED chips and fine diecasting aluminum lamp body combined with our strong convection design and smart technology application. We implement a strict management standard for the procedures of lighting effect control, light source configuration, lamp body mold opening, LED lights production, products testing and packaging, to guarantee a safe production progress and order fulfillment. We provide one-stop OEM, ODM professional manufacturing service.

The company has strong technical R & D and production strength, has a group of experienced technical and management personnel, and is equipped with advanced production equipment and instruments. Several large-scale production equipment passed the iso9001-2015 quality management system certification in 2022. It has obvious advantages in domestic counterparts. The products sell well at home and abroad and are widely praised and welcomed.

The company's smart LED lighting products line covers household, office, hotel, commercial exhibition hall and indoor public lighting and other application scenarios. And we also offer our customers with smart solutions like smart lighting, smart home, smart office, smart hotel, smart agriculture and so on.

We will adhere to the concept of "lighting, health, comfort, smart" and the pursuit of a better light environment, to provide professional smart lighting products and smart solutions.



Concentration, craftmanship, efficiency, professionalism.



Persuit of value, lead the frontier, integrate into the ecology and win-win cooperation



We are committed to the fields of smart lighting and IOT inteworking technology to create a "lighting, healthy, comfortable and smart" light environment





COOPERATIVE BRAND



























Recessed lights P01-48



Magnetic track lights

P49-56



Strip lights P57-66



Linear lights









WISH PRO WALL WASHING SPOTLIGHT, BASED ON THE THE ORIGINAL WISH SERIES UPGRADED ENHANCED VERSION, HAS NEW KEY ITERATION INDICATORS AS BELOW:

- Design style: thick texture and simple appearance
- Optical lens: customized PMMA lens, wall washer spot more clear and natural
- · Optical effect: clean wall hill effect, simultaneously compatible with two-color, five-color mixed color effect.

DEEP ANTI-GLARE LED WALL WASHER SPOTLIGHT

1. Details processing of lamps:

-The enhanced appearance of the overall ornamental and perfect, loaded mounting buckle, and the narrow edge design for the reflective cup and face ring, highlighting the overall line to be simple and smooth.

2. Product structure design:

-This series of products are optimized for light control and heat dissipation system, using modular combination and multi-component collocation. The surface ring has round, square, round frameless embedded, square frameless styles, flexible to match a variety of ceiling modeling. By matching the direct light and adjust the swing angle of light accessories, it meets the multi-level lighting design principle and environment three-dimensional sensory effect; At the same time add anti-glare black honeycomb mesh, UV mirror, optical stretch mirror, soft mirror, cubic floodlight mirror surface and more different optical filter mirror for different Application scenario requirements.

3. A variety of optical equipment:

- -Polarizing wall washing, keep the light from the luminaires irradiation distance and light uniformity, highlight the overall wall,
- -Avoid shadows and dark areas, adjustable swing cast light, reflect the accuracy of the angle of the cast light and the texture of the object being illuminated, restore the brightness of texture and color;
- -Direct luminous lighting, deepening anti-glare treatment (UGR value), precise control of the light path, to achieve "See the light, not seeing the lamp" effect;
- -Angle of projection: Angle 15°, Angle 24°, Angle 36°, and Angle 55°, which can be selected based on the irradiation area requirements to achieve the application effect of key lighting and flood lighting.
- -The Radiator adopts circular vane ventilation design, heat dissipation area using GB ADC12 aluminum with fast heat transmission, fast chip heat dissipation, reduce the light failure of the luminescent chip, guarantee a longer service life;
- -Various specifications are optional, optional power wattage from 5W to 80W (according to the chip parameters), to meet the requirements of different lighting applications.



PROFESSIONAL LIGHT HEALTH, LIGHT QUALITY LED LIGHTING TECHNOLOGY

-Using "multiple thermal conductivity" patent technology, and the latest -As many as dozens of subdivided standard light color, the pursuit of the phosphor deposition process, the product internal achieves the best thermal ultimate light color, so that the space and the subject can be restored their own exclusive light color, present the best display effect, perfect health and balance and low resistance, the substrate for a long time at 105°C high temperature, product colorless temperature drift, and has a stable lumen comfort. maintenance rate. Consistency **High Density** -The COB light source is at 85°C constant temperature, and the 2-step -To achieve unparalleled lumen density output, small Angle, high illumination, MacAdem(McAdam) elliptic standard is used to divide the light-color BIN and better control of light distribution, adopt a smaller, more delicate structure region, so as to achieve the light-color consistency of the products in the BIN of lamps, showing "see light but not seeing lamp". region and the consistency of the light color in different periods in the same BIN region. Reliability **High Dolor Equalization** -Adopt high precision overcoating structure and industry-leading eutectic -RGBCW < 3SCDM process, without fear of external extrusion, avoid the risk of damage to the light source during production and installation. At 180°C high temperature substrate, the product can be normally lit, and has high physical strength and high temperature bearing capacity, so that COB light source is no longer fragile.

Stability

SMART LED DRIVER(ZIGBEE/BLE)

T_A=25°C, I_{OUT}=600mA



PWM dimming curve

LED DRIVER TECHNICAL FEATURES:

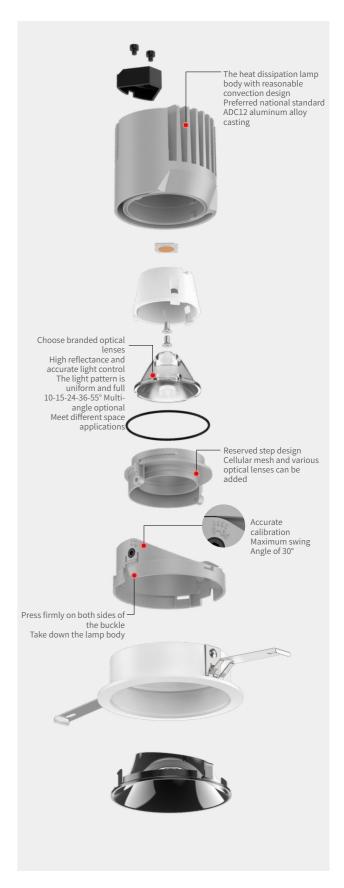
-65536 high brightness dimming, dimming depth up to 0.1%;

- -High precision constant current, low ripple output without strobe, prolong lamp bead life; Soft start fade on fade off function, protect
- -Holding visual more comfortable;
- -Full voltage design, universal; Use 650V high voltage MOS, support wider working voltage range, can prevent surge voltage impact damage drive, prolong service life;
- -With overheating protection function;
- -With output short circuit protection function;
- -Multi-mode control chips supporting QRM, DCM and PFM are selected to maintain high working efficiency and response speed.
- -The drive power provides multi-position pull code switching, can match a variety of functional requirements, more simple and convenient;
- -Built-in antenna control module, wireless signal matching degree is more stable, maintain long-distance transmission and sensitive control experience;
- -Support Amazon Alexa, Google Assistant, Apple Homekit, Samsung Smart Things, Yandex Station, Tmall genie etc and other mainstream intelligent voice control.

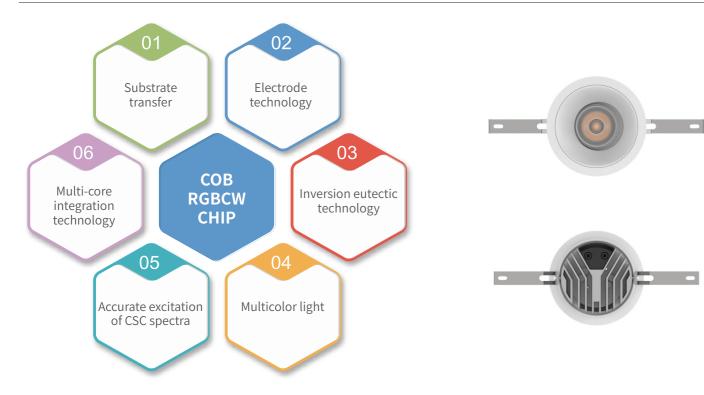


WISH PRO WALL WASHER SPOTLIGHT

- Cast light clean, without light spot stratification;
- The two-color rendering index is greater than 90;
- Monochrome full spectrum Ra>98 to ensure visual comfort;
- Five-color mixed-color W/CW + RGB, RGB combined with two-color white lighting;
 Intelligent and personalized combination, to achieve full color, multi-scene and diversified lighting, making a new vision smart lighting!



Aestheticism



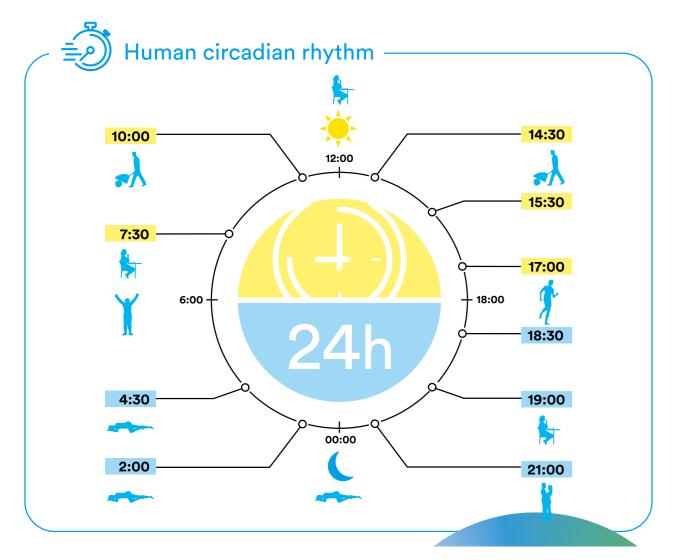






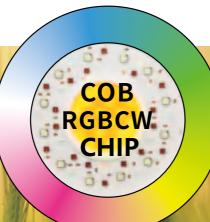
Influence of light on people

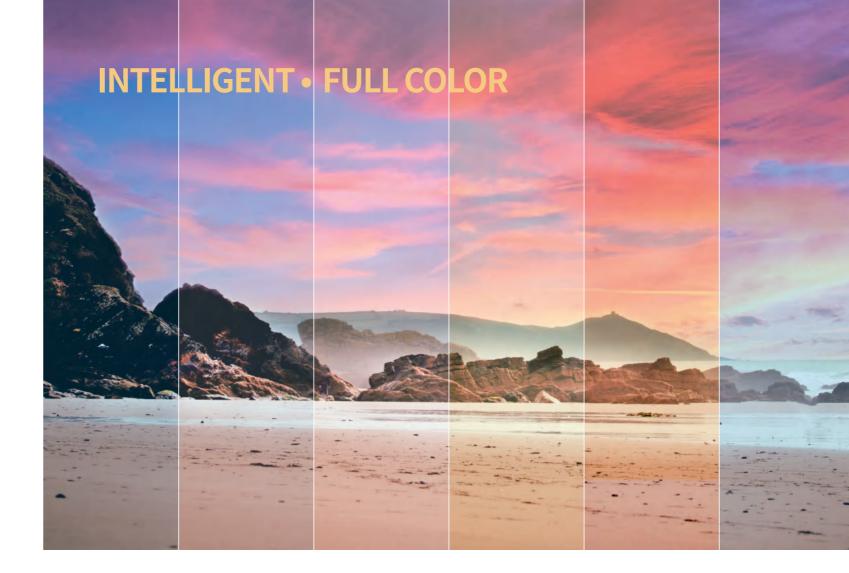
Thanks to the development of technology, we are able to decide on brightness, colour and other parameters of light which influence our mood, ability to focus and our overallwell-being. As recommended by medical communities, the type of lighting should be similar to natural light as far aspossible, in order to match it to a person's sleep-wake rhythm.lt allows for maximum support of our concentration and calms us down before going to sleep- to rest effectively.

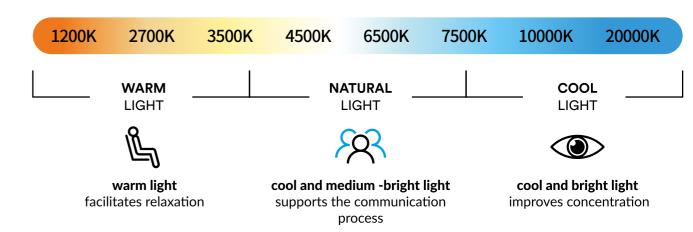


Natural light

It has been proven that following the changes of natural light during the day brings immense physiological and psychological benefts. This aspect seems to be even more important as sleep and concentration disorders, stress and symptoms of modern-age diseases are becoming increasingly common.







Tunable RGBCW full color is applicable in all places where people have activities.

- improve efficiency when working in the office.
- ensure that your mood is good and improve recovery of patients in hospitals.
- positively influence concentration and learning efficiency in schools.
- create an appropriate environment for discussions and meeting in conference halls.
- maintain high level of productivity, 24 hours a day in production line.
- emphasize products and their colour in shops, improve the level of artistic experience in museums.

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Products Parameter



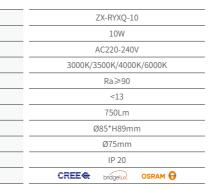






ZX-RYXQ-10 (elliptical hole/round hole)

Model No.	ZX-RYXQ-05	ZX-RYXQ-10	ZX-RY>
Power		10W	10'
Voltage	AC220-240V	AC220-240V	AC220
сст	3000K/3500K/4000K/6000K	3000K/3500K/4000K/6000K	3000K/3500K/
CRI		Ra≥90	Ra≥
UGR	<13	<13	<1
Flux	350Lm	750Lm	750
Size	Ø62*H75mm	Ø85*H89mm	Ø85*H
Cut-size Cut-size	Ø55mm	Ø75mm	Ø75
IP Rate	IP 20	IP 20	IP :
Chip	CREE bridgelux OSRAM (7)	CREE bridgelux OSRAM (7)	CREE♠ bridge



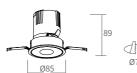




ZX-RYXQ-05

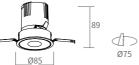






ZX-RYXQ-10









Product size

Products Parameter

O White



ZX-RYXQ-10

ZX-RYXQ-10 (Polarized)

ZX-RYXQ-10

10W

AC220-240V

3000K/3500K/4000K/6000K

Ra≥90

<13

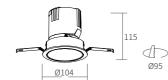
750Lm

Ø85*H89mm

Ø75mm

IP 20

CREE bridgelux OSRAM



ZX-RYXQ-15

ZX-RYXQ-15

15W

AC220-240V

3000K/3500K/4000K/6000K

Ra≥90

<13

1100Lm

Ø104*H115mm

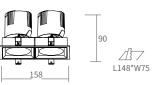
Ø95mm

IP 20

CREE bridgelux OSRAM 😯



ZX-RYXQ-30



ZX-RYXQ-30

ZX-RYXQ-30

24W

AC220-240V

3000K/3500K/4000K/6000K

Ra≥90

<13

1700Lm

L158*W85*H90mm L148*W75mm

IP 20

CREE bridgelux OSRAM ()

Optional Reflective Cup







Hoarse





Golden













Fog Silver



Bright silver





Optional Reflective Cup







ZX-RYXQ-15









Smart function optional















Smart function optional





Dull black















Bright silver





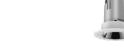


Application: Luxury houses, hotels, clubs, exhibition halls, office buildings, office areas, etc

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Products Parameter





ZX-RYXQ-05WB



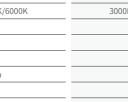


ZX-RYXQ-10WB ZX-RYXQ-10WB (elliptical hole/round hole)

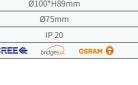
ZX-RYXQ-05WB 5W AC220-240V 3000K/3500K/4000K/6000K Ra≥90 <13 Ø77*H75mm Ø55mm IP 20 CREE bridgelux OSRAM

ZX-RYXQ-05WB

ZX-RYXQ-10WB	ZX-RYXQ-10WB	
10W	10W	
AC220-240V	AC220-240V	
3000K/3500K/4000K/6000K	3000K/3500K/4000K/6000K	
Ra≥90	Ra≥90	
<13	<13	
750Lm	850Lm	
Ø100*H89mm	Ø100*H89mm	
Ø75mm	Ø75mm	
IP 20	IP 20	
CREE bridgelux OSRAM (7)	CREE bridgelux OSRAM	



ZX-RYXQ-10WB



ZX-RYXQ-10WB



Fog Silver





Products Parameter

O White







ZX-RYXQ-15WB

15W

AC220-240V

Ra≥90

<13

1100Lm

Ø120*H115mm

Ø95mm

IP 20



ZX-RYXQ-30WB

ZX-RYXQ-10WB (Polarized)

ZX-RYXQ-10WB

10W

AC220-240V

3000K/3500K/4000K/6000K

Ra≥90

<13

750Lm

Ø100*H89mm

Ø75mm

IP 20

CREE bridgelux OSRAM

ZX-RYXQ-15WB

ZX-RYXQ-30WB 24W AC220-240V 3000K/3500K/4000K/6000K 3000K/3500K/4000K/6000K Ra≥90 <13 1700Lm L144*W72*H90mm L145*W73mm IP 20 CREE bridgelux OSRAM 😯 CREE bridgelux OSRAM ()

Product size

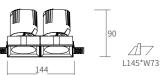








ZX-RYXQ-30WB



Optional Reflective Cup

Product size







Gun black





Bright silver



Golden

Optional Reflective Cup



Dull black

ZigBee®







Fog Silver





Golden

Smart function optional



















Smart function optional

















Bright silver







Application: Luxury houses, hotels, clubs, exhibition halls, office buildings, office areas, etc

Application: Luxury houses, hotels, clubs, exhibition halls, office buildings, office areas, etc



Product features















Anti-glare cut off angle >30°



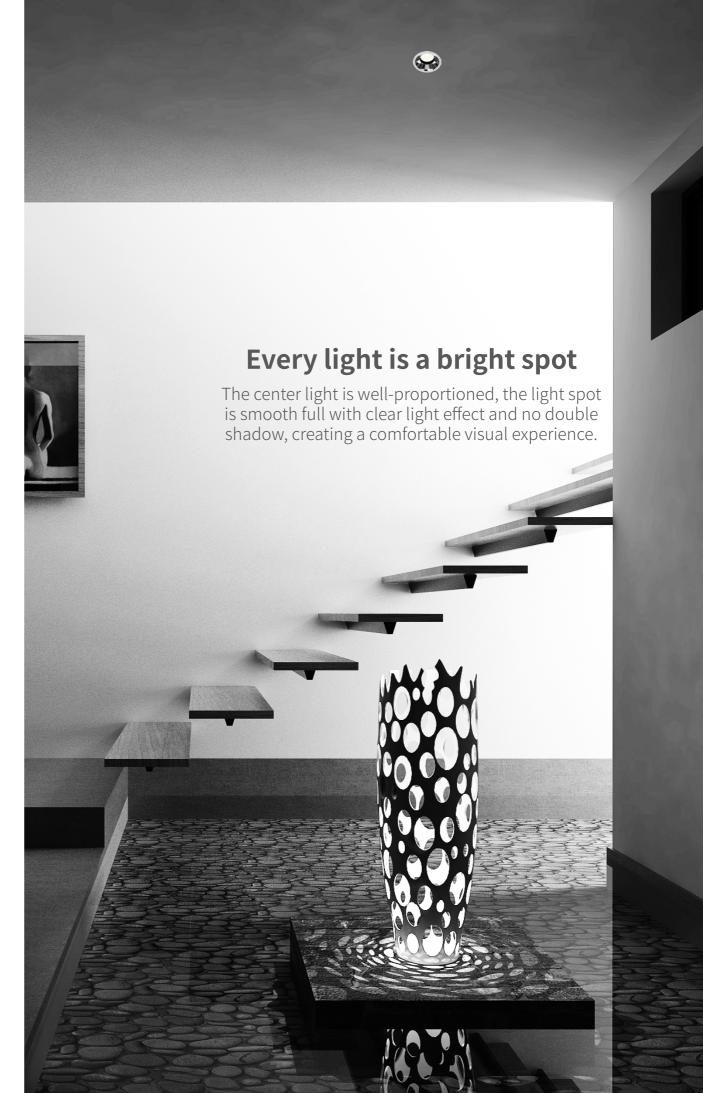




High Quality LED Chip







SMALL OPENING, HIGH POWER, DELICATE



EVERY DETAIL IS THE CHOICE OF QUALITY



fashion appearance with quality texture



Ra>95 near natural light



Efficient heat dissipation prolong the service life



Irradiation Angle 25° adjustable













C Bracket



D Lens



E Retaining ring



F Rotating ring



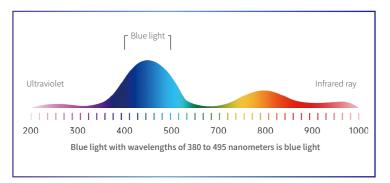
G Face ring

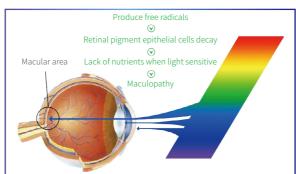


Reflector

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1. HEALTH: NO BLUE LIGHT HARM, NO STROBOSCOPIC DAMAGE





About blue light hazards - Visual nerve damage

Blue light is ubiquitous in our lives. In addition to LED lights, blue light is found in LCD screens of digital products such as mobile phones and tablets. Long-term, heavy exposure to blue light, such as not having a phone or tablet in your hand all day, can increase the risk of cataracts and blindness due to macular degeneration.





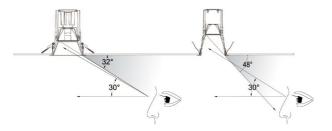


Disrupting bioclock

The extent to which blue light is harmful to the eyes varies with age. In older people, the crystals turn yellow with age; And the child is sensitive to intense blue light, can cause vision to decline, even produce eye disease. It is worth noting that we generally do not look directly at LED lights in real life, but we will look directly at mobile phones and computer screens for a long time. Only by forming good eye habits we can effectively reduce the damage caused by blue light.

Anti-glare design

The normal range of attention of the human eye is 30° to 60° from the top to the bottom of the horizontal gaze. Dazzling light appears in this range, which is glare. The light emitted by Tanhoo series lamps is all controlled within the intercept Angle of $>30^\circ$, so glare is well

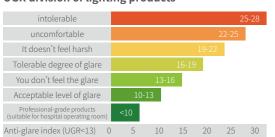


UGR<13

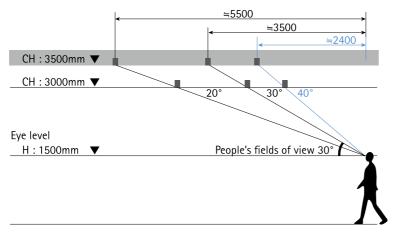
Give your eyes a comfortable light environment

Triple anti-glare structure design, optimize the light borrowing Angle, the product anti-glare index reaches UGR<13, long time use will not cause eve discomfort.

UGR division of lighting products







2. HUMAN FACTOR LIGHTING: DEFINITIONS

The broad idea of human factor lighting is:

The application of lighting technology, so that lighting, climate and space perfect integration, so that people in the physical, emotional, health and other aspects of help, to meet the human needs of lighting in a specific application environmen

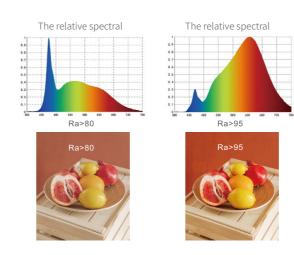
To realize human factor lighting, there are the following key factors:

The application of lighting technology, so that lighting, climate and space perfect integration, so that people in the physical, emotional, health and other aspects of help, to meet the human needs of lighting in a specific application environment.

- Provide high quality light sources to increase visual appeal
- Full spectrum can bring higher color reduction index in the visual range, especially CR and R1-R99
- Support adjustment according to personal preference: lighting intensity, color, atmosphere Circadian rhythms are adjustable to mimic the level of sunlight throughout the day
- Ensure that the transmitted light is close to natural light
- -- The spectrum has to be able to mimic as natural a spectrum as possible, because people have been living under natural light for millions of years, especially sunlight during the day and moonlight at night, firelight
- Avoid disruption of circadian rhythms due to spectral deviations

Chromogenic index (Ra) ≥95

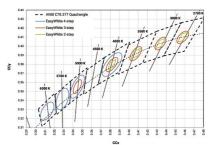
Full spectrum lighting, museum-grade lighting effect Average chromogenic evaluation index:



Color Rendering Index refers to the difference between the illuminate of light feeling is different, now is the best color rendering index 100 (natural) is more close to 95, for both color reduction degree is also need to distinguish, the reduction of 95 index will be higher, because it is more close to natural light, the value of 80 will be relatively lower, so the lamp with a choice, This aspect also needs to be considered

Color tolerance (SDCM) ≤2

The measured color tolerance is much higher than the national standard



The ellipse can be interpreted as a Step, and the difference between 5 and 7 steps can be detected by the naked eye.

Industry standard level:

- 1. Energy Star ANSI C78.376, color tolerance ≤7 SDCM, divided by LED characteristics.
- 2. Eu standard ERP, color tolerance ≤6SDCM, in accordance with the specified technical requirements to standardize LED division
- 3. national standard GB10682-2002, double end fluorescent lamp performance requirements of color tolerance ≤5 SDCM, can be used as a reference for LED lamp color tolerance requirements.

The implementation scheme of SDCM products with medium color tolerance ≤2

- 1. Improve the color concentration of the order, take the center point of color tolerance as the center point of the product color, and concentrate the color of the lamp beads within the range of the third order as far as possible;
- **2.** For SMT and lumen imitation orders, the color tolerance of some products will fall into the range of order 3-5, which can be divided into bins according to the color tolerance difference optical mode, and the color tolerance of the whole lamp can be less than order 3 through the way of cross SMT. Photoelectric technicians of the same party can provide you with the best collocation scheme.

Human centered natural spectrum

Features	Advantages
ne spectrum is carefully designed to accurately mimic natural light while reducing the intensity of blue light	A complete and consistent spectrum, with fewer peaks, is closest to natural light.
Natural and vivid color reduction ability	CRI (R1-R15) mean 98, excellent TM-30 index (R1-R99), R (fidelity)96-98, R saturation 99-101.
The industry's most efficient natural spectrum	Light efficiency up to 132LM/W, more environmentally energy saving, reduce utility and environmental costs.
Affordable natural spectrum to optimize human health	Accelerate the full spread of the natural spectrum
No ultraviolet light harmful to the human body or objects	Improves reliability and service life
ull platform design, including COB, patch SMD, dual color temperature module, and other options.	Achieve design flexibility and product color consistency









ZX-THXQ-07





ZX-THXQ-40

ZX-THXQ-20

Model No.	ZX-THXQ-07	ZX-THXQ-12	ZX-THXQ-20	ZX-THXQ-40
Power	7W	12W	20W	40W
Voltage	AC220-240V	AC220-240V	AC220-240V	AC220-240V
сст	3000K/3500K/4000K/5000K	3000K/3500K/4000K/5000K	3000K/3500K/4000K/5000K	3000K/3500K/4000K/5000K
CRI	Ra≥95	Ra≥95	Ra≥95	Ra≥95
UGR	<13	<13	<13	<13
Flux	480Lm	900Lm	1450Lm	2800Lm
Size	Ø62*H90mm	Ø82*H92mm	Ø102*H116mm	L169*W85*H97mm
Cut-size	Ø55mm	Ø75mm	Ø95mm	L162*W81mm
IP Rate	IP 20	IP 20	IP 20	IP 20
Chip	bridgelux TOYANIA	bridgelux TOYANIA	bridgelux TOYANIA	bridgelux TOYANIA

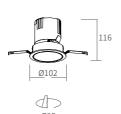




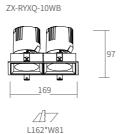
ZX-THXQ-07



ZX-THXQ-12



ZX-THXQ-20











Optional Reflective Cup













Smart function optional











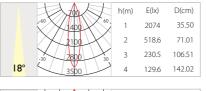


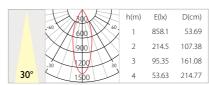


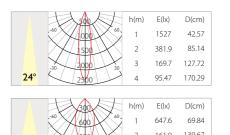


Light distribution curve

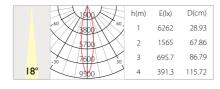
ZX-THXQ-07

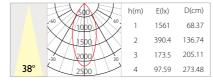




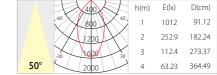




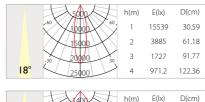


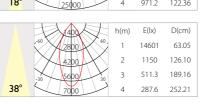


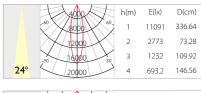




ZX-THXQ-20

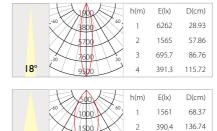






2400 1 2400 2	2276	98.56
2400 2		
	568.9	197.12
3200 30 3	252.9	295.69
50° 4000 4	142.2	394.25

ZX-THXQ-40



173.5 205.11

4 97.59 273.48

24°	5
	-60 4
	30

	1 June 1	h(m)	E(lx)	D(cm)
	2000 60	1	3287	42.96
	3000	2	821.7	85.91
	-30 4000 30	3	365.2	128.87
24°	5000	4	205.4	171.82
A	400	h(m)	E(lx)	D(cm)
	-60 800 60	1	1012	91.12
	1200	2	252.9	182.24

3 112.4 273.37 4 63.23 364.49



























ZX-THXQ-12WB



ZX-THXQ-20WB

ZX-THXQ-07WB

ZX-THXQ-07WB		
7W		
AC220-240V		
3000K/3500K/4000K/5000K		
Ra≥95		
<13		
480lm		
Ø82*H90mm		
Ø55mm		
IP 20		
CREE♠ bridgelux OSRAM →		

CREE bridgelux OSRAM	CREE bridgelux OSRAM	
IP 20	IP 20	
Ø75mm	Ø95mm	
Ø100*H92mm	Ø125*H116mm	
900lm	1450lm	
<13	<13	
Ra≥95	Ra≥95	
3000K/3500K/4000K/5000K	3000K/3500K/4000K/5000K	
AC220-240V	AC220-240V	
12W	20W	
ZX-THXQ-12WB	ZX-THXQ-20WB	

Product size unit (mm)



ZX-THXQ-07WB





ZX-THXQ-12WB







ZX-THXQ-20WB





Optional Accessories



Honeycomb louver





Optional Reflective Cup













Smart function optional













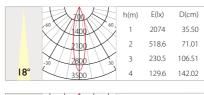


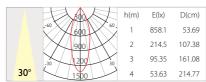


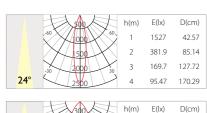


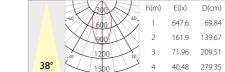
Light distribution curve

ZX-THXQ-07WB

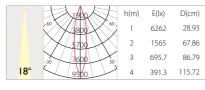


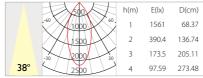


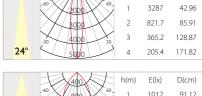




ZX-THXQ-12WB

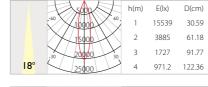




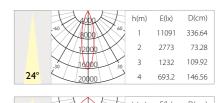




ZX-THXQ-20WB



	1	h(m)	E(lx)	D(cm)
	2800 60.	1	14601	63.05
	4200	2	1150	126.10
	-30 5600 30	3	511.3	189.16
38°	7000	4	287.6	252.21



	X800X	h(m)	E(Ix)	D(cm
	1600	1	2276	98.56
	2400	2	568.9	197.12
	3200 30	3	252.9	295.69
50°	4000	4	142.2	394.25

















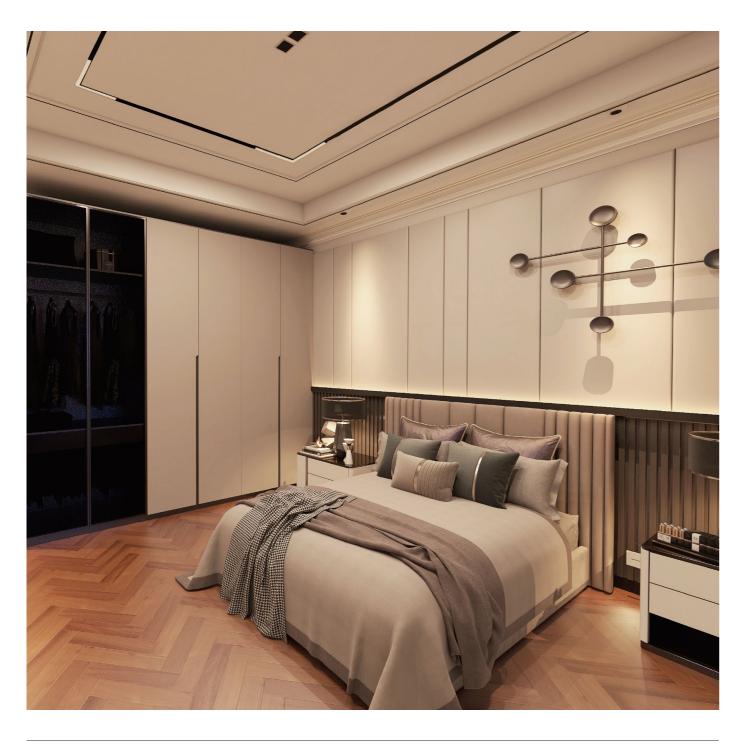


PROFESSIONAL SMART LIGHTING SOLUTIONS





















ZX-LDTD-05

ZX-LDTD-10

ZX-LDTD-15

Model No.	ZX-LDTD-05	ZX-LDTD-10	ZX-LDTD-15
Power	5W	10W	15W
Voltage	AC220-240V	AC220-240V	AC220-240V
сст	3000K/3500K/4000K/6000K	3000K/3500K/4000K/6000K	3000K/3500K/4000K/6000K
CRI	Ra≥90	Ra≥90	Ra≥90
UGR	<13	<13	<13
Flux	350Lm	750Lm	1100Lm
Size	Ø60*H42mm	Ø80*H50mm	Ø100*H62mm
Cut-size	Ø55mm	Ø75mm	Ø95mm
IP Rate	IP 20	IP 20	IP 20
Chip	CREE♠ bridgeluk OSRAM 🖯	CREE bridgelux. OSRAM 🕣	CREE bridgelux OSRAM 🕤

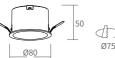
Product size

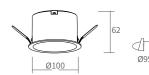
ZX-LDTD-05

ZX-LDTD-10

ZX-LDTD-15







Optional Reflective Cup





Product features



Smart Dimmable

High Efficiency















O IP20

High Quality LED Chip

IP20 Protection Level



Anti-glare cut off angle >30°



Smart function optional





















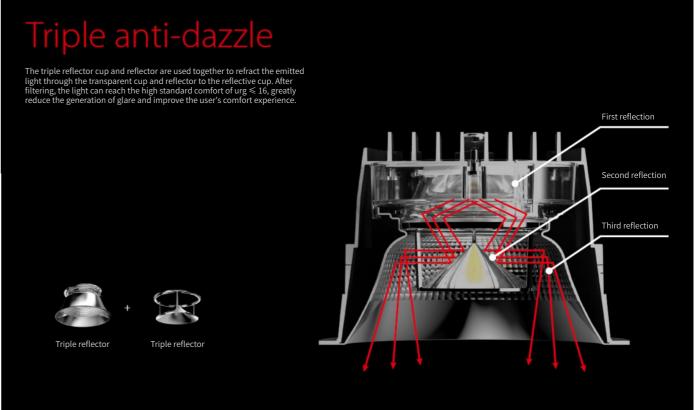


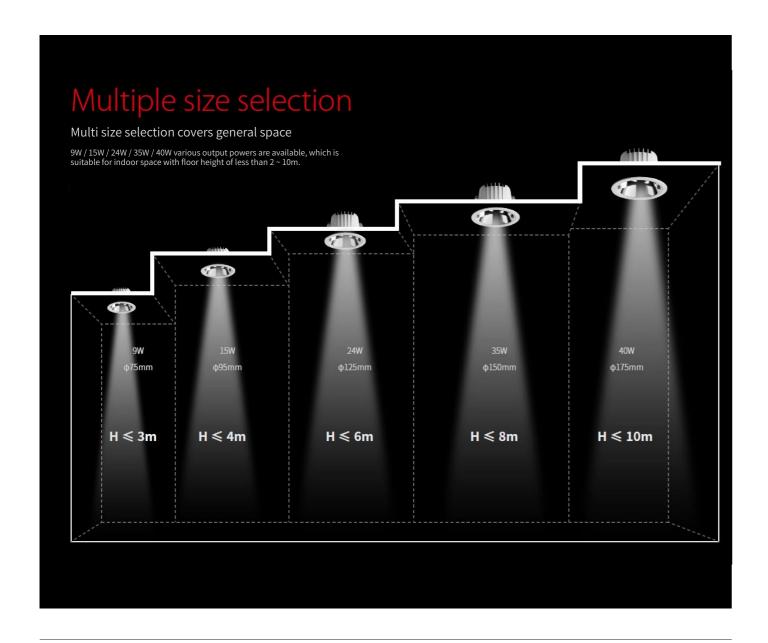
Application: Luxury houses, hotels, clubs, exhibition halls, office buildings, office areas, etc











Smart function optional





























CE Certification CE









without stroboscopic

Smart Dimmable



٥ IP54

High Quality LED Chip

IP54 Protection Level





Anti-glare cut off angle >30°



Products Parameter







ZX-GZTD-09









ZX-GZTD-15 ZX-GZTD-24

ZX-GZTD-35

ZX-GZTD-45

Model No.	ZX-GZTD-09	ZX-GZTD-15	ZX-GZTD-24	ZX-GZTD-35	ZX-GZTD-45
Power	9W	15W	24W	35W	45W
Voltage	AC220-240V 47Hz-63Hz				
ССТ	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K
CRI	Ra≥90	Ra≥90	Ra≥90	Ra≥90	Ra≥90
UGR	<16	<16	<16	<16	<16
Flux	710Lm	1060Lm	1500Lm	2200Lm	2900Lm
Size	Ø87*H65mm	Ø110*H75mm	Ø135*H95mm	Ø160*H109mm	Ø186*H121mm
Cut-size	Ø75mm	Ø100mm	Ø125mm	Ø150mm	Ø175mm
IP Rate	IP 54				
Chip	CREE ← OSRAM →	CREE€ OSRAM 🖯	CREE€ OSRAM ()	CREE♠ OSRAM 🕞	CREE€ OSRAM ()

Product size



ZXS-GZTD-09





ZXS-GZTD-15

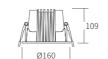




ZXS-GZTD-24



ZXS-GZTD-35







ZXS-GZTD-45

Optional Reflective Cup













Product description



Modular cooling engine
The beautiful art design and chimney heat dissipation provide sufficient security for the stability of COB.



② Direct illumination / adjustable integration
The structure can be switched freely and the function is perfect. Polarizing / trimless effective compatibility to reduce inventory.



③ Infinite apricot remote optical module Modular design, 6-50 degrees, 7 optical applications. Let the design have more possibilities and make the experience



 High precision secondary optical device
 Mini small edge, precise light control, making rhyme light more natural. Private mold customization, ingenious design, more simple and fashionable



⑤ Impeccable snap mechanism

Effectively compatible with the installation environment of 1.5-20mm, efficient loading and unloading, without damaging the ceiling.



6 Fine surface treatment

High precision CNC machining, twice grinding, electrostatic spraying. The product process quality can be seen and touched, and the texture is fully displayed.



★ Thick anti dazzle, accurate light control, natural rhyme and light



★ Small size, high efficiency, strong compatibility

Smart function optional









٥

IP20













Product features



High Efficiency

without stroboscopic



High Quality LED Chip











Products Parameter









ZX-RYAO-55 ZX-RYAO-55



ZX-RYAO-75 ZX-RYAO-75

Power	6W	10W
	AC110~240V	AC110~240V
ССТ	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K
CRI		Ra≥90
UGR	<19	<19
Flux	420Lm	710Lm
	Ø65*H49mm	Ø100*H65mm
Cut-size	Ø55mm	Ø75mm
IP Rate	IP 44	IP 44
Chip	CREE♠ OSRAM •	CREE♠ OSRAM •
Optional Accessories	Mini narrow Boundless Polarized edge embedding wall washing	Mini narrow Boundless Polarized edge embedding wall washing























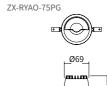




ZX-RYAO-55PG







Optional Reflective Cup













Application: Luxury houses, hotels, clubs, exhibition halls, office buildings, office areas, etc

























<19





HIGH Ra>90

CRI







CE Certification ((











**

Smart Dimmable



٥

IP20

High Quality LED Chip



UGR UGR<19

Products Parameter



ZX-GMSD-12







ZX-GMSD-10

O White







ZX-GMTD-12

ZX-GMTD-15

Ø95mm

IP 20

CREE bridgelux

ZX-GMSD-15

ZX-GMTD-18

Ø120mm

IP 20

CREE bridgelux

ZX-GMTD-30

ZX-GMSD-30

AC220-240V 47Hz-63Hz

<13

2100Lm

Ø160*H82mm

Ø145mm

IP 20

CREE bridgelux

ZX-GMTD-10

Ø75mm

IP 20

CREE bridgelu

ZX-GMSD-15 ZX-GMSD-10 ZX-GMSD-12 ZX-GMSD-18 15W 18W AC220-240V 47Hz-63Hz AC220-240V 47Hz-63Hz AC220-240V 47Hz-63Hz AC220-240V 47Hz-63Hz $3000K/4000K/5000K/6000K \quad 3000K/4000K/5000K/6000K \quad 3000K/4000K/5000K \quad 3000K/4000K/5000K \quad 3000K/4000K/500K \quad 3000K/4000K/5000K \quad 3000K/4000K \quad 3000K/400K \quad 3000K/4000K \quad 3000K/400K \quad$ <13 <13 <13 <13 1280Lm 710Lm 850Lm 1060Lm Ø90*H56mm Ø95*H60mm Ø105*H64mm Ø130*H72mm

Product size unit (mm)	ZX-GMSD-10	ZX-GMSD-12	ZX-GMSD-15

Ø80mm

IP 20

CREE bridgelux













ZX-GMSD-18







ZX-GMSD-30

Optional Reflective Cup











Application: Luxury houses, hotels, clubs, exhibition halls, office buildings, office areas, etc













ZX-LINL-FX01

ZX-LINL-FX02

Model No.	ZX-LINL-YX01	ZX-LINL-FX01	ZX-LINL-FX02
Power	12W	12W	12W*2
Voltage	AC220-240V	AC220-240V	AC220-240V
ССТ	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K
CRI	Ra≥92	Ra≥92	Ra≥92
UGR	<13	<13	<13
Flux	820Lm	820Lm	1620Lm
Size	Ø85*H52mm	L85*W85*H52mm	L170*W85*H52mm
Cut-size	Ø75mm	L75*W75mm	L75*W160mm
IP Rate	IP 20	IP 20	IP 20
Chip	CREE OSRAM ()	CREE♠ OSRAM 😯	CREE♠ OSRAM 🕣

Product size

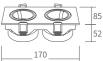
ZX-LINL-YX01

ZX-LINL-FX01

ZX-LINL-FX02







Optional Reflective Cup





Product features



Smart Dimmable













O IP20

High Quality LED Chip

IP20 Protection Level



Anti-glare cut off angle >30°



















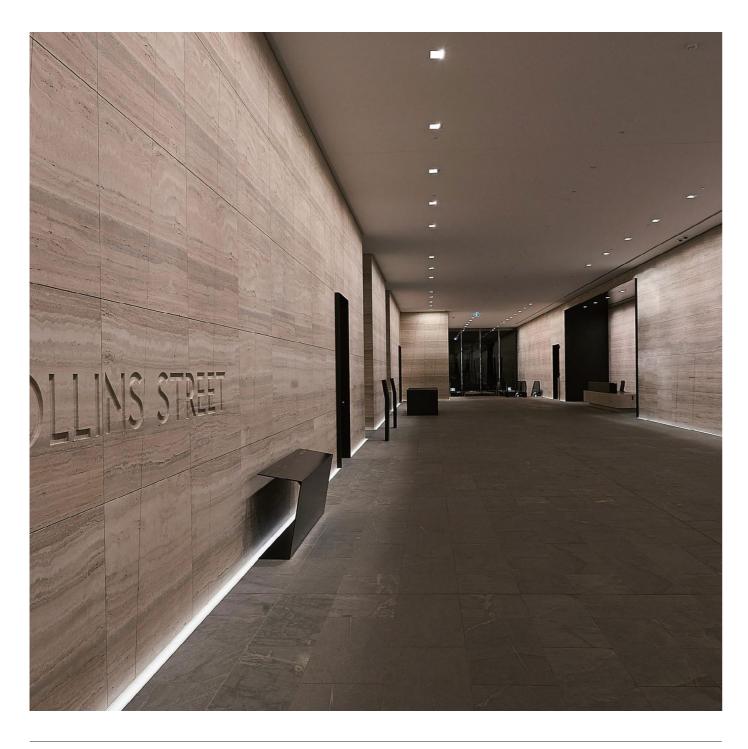






Application: Luxury houses, hotels, clubs, exhibition halls, office buildings, office areas, etc

















ZX-YUYI-FX03

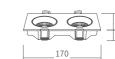
ZX-YUYI-YX01

Model No.	ZX-YUYI-YX01	ZX-YUYI-FX01	ZX-YUYI-FX02	ZX-YUYI-FX03
Power	7W	7W	7W*2	7W*3
Voltage	AC220-240V	AC220-240V	AC220-240V	AC220-240V
ССТ	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K
CRI	Ra≥90	Ra≥90	Ra≥90	Ra≥90
UGR	<13	<13	<13	<13
Flux	480Lm	480Lm	960Lm	1320Lm
Size	Ø85*H35mm	L85*W85*H67mm	L170*W85*H35mm	L247*W85*H35mm
Cut-size	Ø75mm	L75*W75mm	L75*W160mm	L75*W235mm
IP Rate	IP 20	IP 20	IP 20	IP 20
Chip	CREE OSRAM	CREE€ OSRAM 🕤	CREE ⇔ OSRAM 🕣	CREE€ OSRAM ()

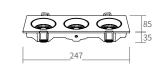
ZX-YUYI-YX01 Product size



ZX-YUYI-FX01



ZX-YUYI-FX02



ZX-YUYI-FX03



75*160

// 75*235

Optional Reflective Cup





Product features



Smart Dimmable

CE Certification CE

UGR UGR<19 <19

HIGH Ra>90

























O IP20

High Quality LED Chip

IP20 Protection Level





















ZX-ML-YX01

ZX-ML-FX01

ZX-ML-FX02

ZX-ML-FX03

Model No.	ZX-ML-YX01	ZX-ML-FX01	ZX-ML-FX02	ZXS-ML-FX03
Power	12W	12W	12W*2	12W*3
Voltage	AC220-240V	AC220-240V	AC220-240V	AC220-240V
ССТ	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K
CRI	Ra≥90	Ra≥90	Ra≥90	Ra≥90
UGR	<13	<13	<13	<13
Flux	820Lm	820Lm	1620Lm	2320Lm
Size	Ø87*H67mm	L84*W84*H67mm	L167*W84*H67mm	L250*W84*H67mm
Cut-size	Ø75mm	L75*W75mm	L75*W155mm	L75*W230mm
IP Rate	IP 20	IP 20	IP 20	IP 20
Chip	CREE♠ OSRAM ()	CREE♠ OSRAM 🖯	CREE♠ OSRAM ()	CREE€ OSRAM ()

Product size

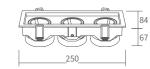


ZX-ML-FX01

ZX-ML-FX02

ZX-ML-FX03









75*155

// 75*230

Optional Reflective Cup









Product features



High Efficiency

Smart Dimmable











Smart function optional























Eye protection without stroboscopic



O IP20

High Quality LED Chip

IP20 Protection Level



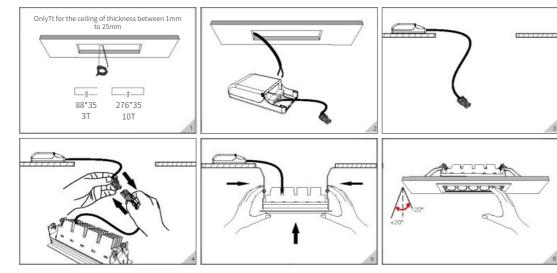








Installation mode



Product features



Smart Dimmable















٥ IP20



IP20 Protection Level



Products Parameter

O White



ZX-GSXT-1T

ZX-GSXT-1T

2W AC220-240V

3000K/4000K/6000K

Ra≥90

<13 150Lm

L46*W46*H52mm

L38*W38mm

IP 20

OSRAM 🕣





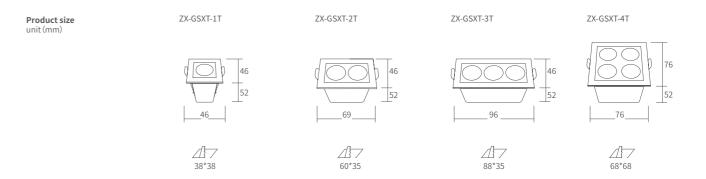


ZX-GSXT-4T

OSRAM 🕣

ZX-GSXT-2T	ZX-GSXT-3T

ZX-GSXT-2T ZX-GSXT-3T ZX-GSXT-4T 4W 6W 8W AC220-240V AC220-240V AC220-240V 3000K/4000K/6000K 3000K/4000K/6000K 3000K/4000K/6000K Ra≥90 Ra≥90 Ra≥90 <13 <13 <13 290Lm 450Lm 850Lm L69*W46*H52mm L96*W46*H52mm L76*W76*H52mm L60*W35mm L88*W35mm L68*W68mm IP 20 IP 20 IP 20



OSRAM 🕣











Smart function optional













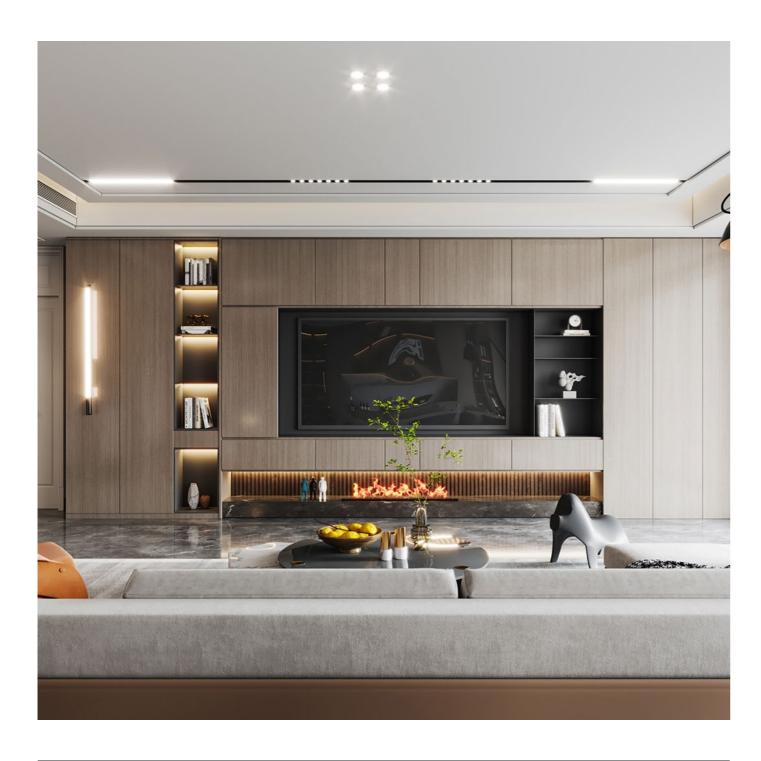




















ZX-GSXT-10T

L276*W35mm

IP 20



ZX-GSXT-15T

L408*W35mm IP 20

OSRAM 🕣

	<u> </u>	A	
A 1			
15°	24°	38°	

ZX-GSXT-5T

ZX-GSXT-9T ZX-GSXT-9T

18W

AC220-240V

3000K/4000K/6000K

Ra≥90

<13

1350Lm

L106*W46*H52mm

L98*W98mm

IP 20

OSRAM 🕣

ZX-GSXT-10T ZX-GSXT-15T 20W 30W AC220-240V AC220-240V 3000K/4000K/6000K 3000K/4000K/6000K Ra≥90 Ra≥90 <13 <13 1450Lm 2250Lm L285*W46*H52mm L417*W46*H52mm







ZX-GSXT-5T

ZX-GSXT-5T

10W

AC220-240V

3000K/4000K/6000K

Ra≥90

<13 750Lm

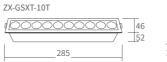
L148*W46*H52mm

L140*W35mm

IP 20



47 140*35













Optional Reflective Cup



ZX-GSXT-15T







Product features



High Efficiency

Smart Dimmable





Anti-glare cut off angle >30°



HIGH Ra>90

CRI



without stroboscopic



٥ IP20

High Quality LED Chip

IP20 Protection Level



Smart function optional























Application: Luxury houses, hotels, clubs, exhibition halls, office buildings, office areas, etc





O White











ZX-360SD-20F

ZX-360SD-30F

Chip	CREE CUMINUS	CREE	CREE
IP Rate	IP 20	IP 20	IP 20
Cut-size	Ø55mm/L95*W95mm	Ø75mm/L110*W110mm	Ø95mm/L140*W140mm
	Ø65*H49mm/L105*W105*H115mm	Ø100*H65mm/L120*W120*H130mm	Ø120*H85mm/L150*W150*H152mm
Flux	1450Lm	2150Lm	2550Lm
UGR	<19	<19	<19
CRI	Ra≥90	Ra≥90	Ra≥90
ССТ	3000K/3500K/4000K	3000K/3500K/4000K	3000K/3500K/4000K
Voltage	AC220V	AC220V	AC220V
Power	20W	30W	36W
Model No.	ZX-360SD-20/ZX-360SD-20F	ZX-360SD-30/ZX-360SD-30F	ZX-360SD-36/ZX-360SD-36F

Product size unit (mm)

Smart function optional

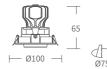
ZX-360SD-20

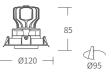
ZX-360SD-30

ZX-360SD-36





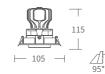


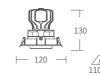


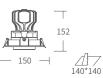
ZX-360SD-20F

ZX-360SD-30F

ZX-360SD-36F







Product features



































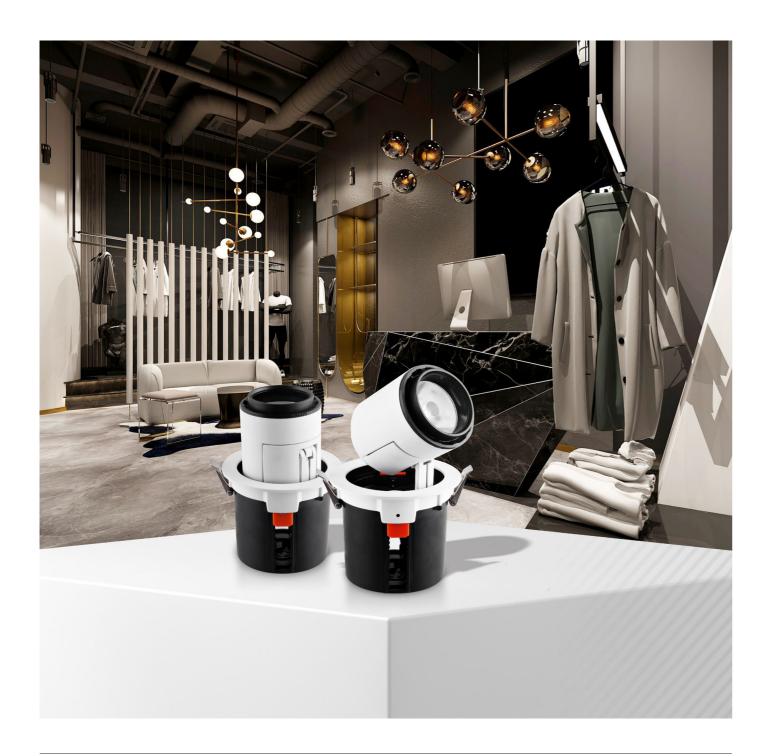
O IP20

High Quality LED Chip

IP20 Protection Level







O White







ZX-LSSD-25

ZX-LSSD-25F





ZX-LSSD-30F

70
ZX-LSSD-18F

CREE CUMINUS
IP 20
Ø110mm/L110*W110mm
Ø120*H130mm/L120*W120*H131mm
1250Lm
<19
Ra≥90
3000K/3500K/4000K
AC220V
18W
ZX-LSSD-18/ZX-LSSD-18F

ZX-LSSD-25/ZX-LSSD-25F 25W AC220V 3000K/3500K/4000K Ra≥90 <19 1750Lm Ø130*H163mm/L135*W135*H163mm Ø125mm/L125*W125mm IP 20
25W AC220V 3000K/3500K/4000K Ra≥90 <19 1750Lm Ø130*H163mm/L135*W135*H163mm
25W AC220V 3000K/3500K/4000K Ra≥90 <19 1750Lm
25W AC220V 3000K/3500K/4000K Ra≥90 <19
25W AC220V 3000K/3500K/4000K Ra≥90
25W AC220V 3000K/3500K/4000K
25W AC220V
25W
·
ZX-LSSD-25/ZX-LSSD-25F

	CREE		
	Ø140mm/L140*W140mm		
n	Ø150*H176mm/L150*W150*H176mm		
	2150Lm		
	<19		
	Ra≥90		
	3000K/3500K/4000K		
	AC220V		
	30W		
	ZX-LSSD-30/ZX-LSSD-30F		

Product size unit (mm)







ZX-LSSD-25

ZX-LSSD-25F



ZX-LSSD-30



ZX-LSSD-30F

ZX-LSSD-18F

ZX-LSSD-18









Product features





Smart Dimmable





<19

Anti-glare cut off angle >30°



CRI



O IP20



IP20 Protection Level

UGR UGR<19



Smart function optional

























Application: Luxury houses, hotels, clubs, exhibition halls, office buildings, office areas, etc









Configurable with Zigbee, wireless 2.4G, Bluetooth, 0-10V, DALI, TRIAC















Tuya Smart Life amazon alexa Google Assistant Smart Things Apple homekit

Voice control







Google Speaker







Amazon speaker Tuya intelligent housekeeper









Products Parameter

Product size

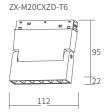
MAGNETIC TRACK LIGHT - M20 FOLDING LIGHT SERIES

ZX-M20CXZD-T6

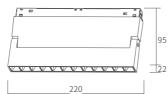
(ZD-T6	ZX-M20CXZD-T12

Model No.	ZX-M20CXZD-T6	ZX-M20CXZD-T12
Power		12W
Voltage	DC48V	DC48V
ССТ	3000K/4000K/6000K	3000K/4000K/6000K
CRI	Ra≥90	Ra≥90
UGR	<19	<19
Flux	450Lm	850Lm
Size	L112*W22*H95	L220*W22*H95
IP Rate	IP 20	IP 20
Chip	OSRAM 🕣	OSRAM 🕣

Product size unit (mm)







M20 ROTARY FOLDING LIGHT A SERIES

Products Parameter







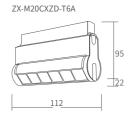


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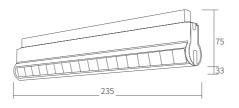
ZX-M20CXZD-T12A

	TV MODELYTE TO A	TV 1100 0V TD T40 1
Model No.	ZX-M20CXZD-T6A	ZX-M20CXZD-T12A
Power	6W	12W
Voltage	DC48V	DC48V
ССТ	3000K/4000K/6000K	3000K/4000K/6000K
CRI	Ra≥90	Ra≥90
UGR	<19	<19
Flux	450Lm	850Lm
Size	L112*W22*H95mm	L235*W33*H75mm
IP Rate	IP 20	IP 20
Chip	bridgelux. OSRAM 🕣	bridgeluk OSRAM 🕣

Product size unit (mm)



ZX-M20CXZD-T12A

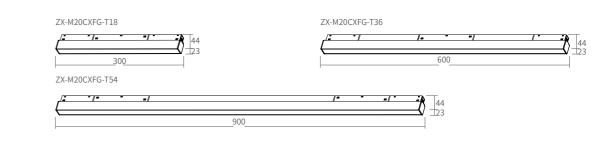


Application: Luxury houses, hotels, clubs, exhibition halls, office buildings, office areas, etc



MAGNETIC TRACK LIGHT - M20 FLOODLIGHT SERIES





Application: Luxury houses, hotels, clubs, exhibition halls, office buildings, office areas, etc

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Products Parameter









MAGNETIC TRACK LIGHT - M20 GUIDE RAIL SPOTLIGHT SERIES

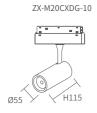


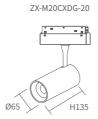
ZX-M20CXDGTJ-10 (Focusing light)

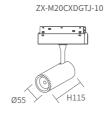
ZX-M20CXDGTJ-20 (Focusing light)

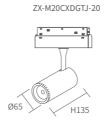
Model No.	ZX-M20CXDG-10	ZX-M20CXDG-20	ZX-M20CXDGTJ-10	ZX-M20CXDGTJ-20
Power	10W	18W	10W	18W
Voltage	DC48V	DC48V	DC48V	DC48V
ССТ	3000K/4000K/6000K	3000K/4000K/6000K	3000K/4000K/6000K	3000K/4000K/6000K
CRI	Ra≥90	Ra≥90	Ra≥90	Ra≥90
	<19	<19	<19	<19
Flux	710Lm	1250Lm	710Lm	1250Lm
Size	Ø55*H115mm	Ø65*H135mm	Ø55*H115mm	Ø65*H135mm
IP Rate	IP 20	IP 20	IP 20	IP 20
Chip	OSRAM 🕤 bridgelux	OSRAM 🕣 bridgelux	CREE€ OSRAM (7)	CREE€ OSRAM ()

Product size unit (mm)







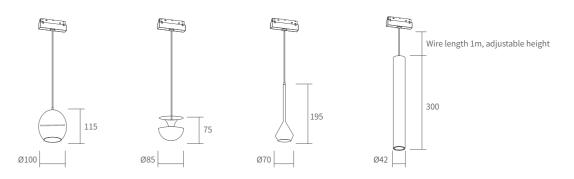




Products Parameter O White

Model No.	ZX-M20CXDX-10 (focusing)	ZX-M20CXDX-10 (fountain)	ZX-M20CXDX-10 (Star)	ZX-M20CXDX-10
Power	10W	7W	7W	10W
Voltage	DC48V	DC48V	DC48V	DC48V
ССТ	3000K/4000K/6000K	3000K/4000K/6000K	3000K/4000K/6000K	3000K/4000K/6000K
CRI	Ra≥90	Ra≥90	Ra≥90	Ra≥90
UGR	<19	<19	<19	<19
Flux	710Lm	490Lm	490Lm	710Lm
Size	Ø100*115mm	Ф85*75mm	Φ70*195mm	Ø42 *H300mm, wire length 1m, adjustable height
IP Rate	IP 20	IP 20	IP 20	IP 20
Chip	CREE♠ bridgelux	CREE thridgelux	CREE bridgelux.	CREE OSRAM

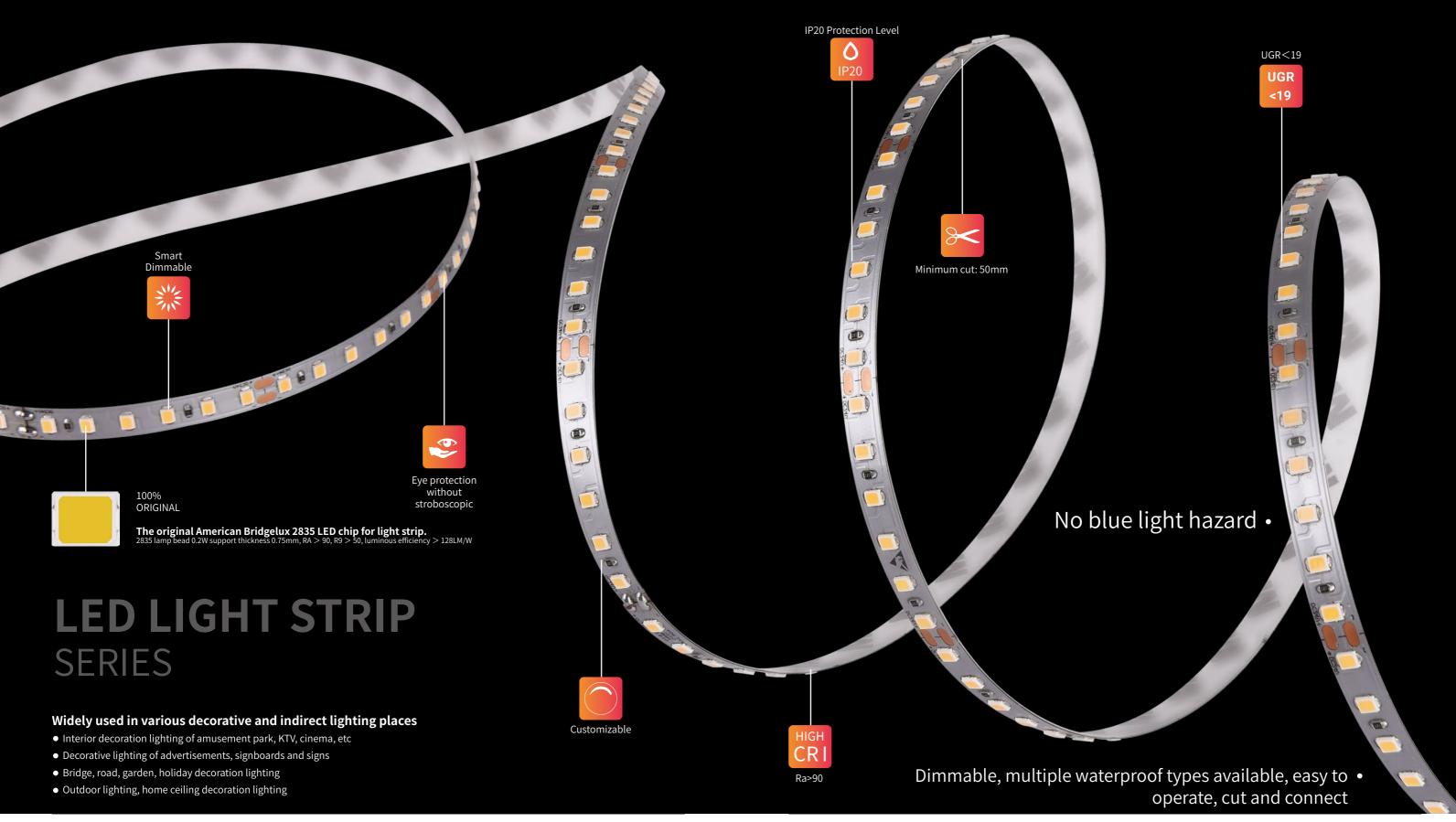
Product size unit (mm)



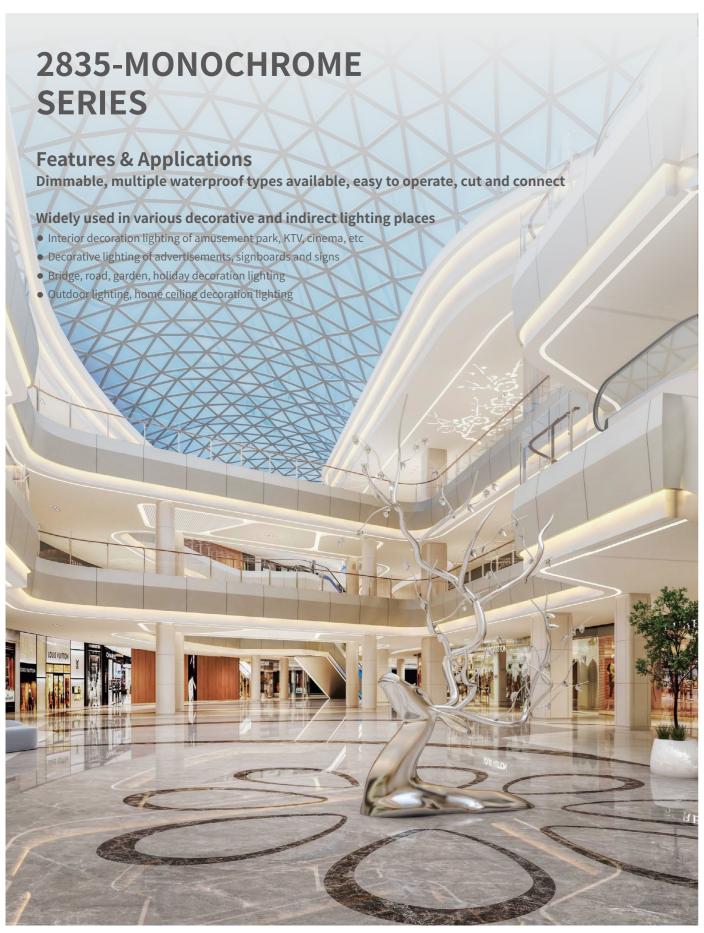
Application: Luxury houses, hotels, clubs, exhibition halls, office buildings, office areas, etc

Application: Luxury houses, hotels, clubs, exhibition halls, office buildings, office areas, etc

PROFESSIONAL SMART LIGHTING SOLUTIONS







CATEGORY

Ra>90 2835 monochrome light strip





Power: 12W

Voltage: 24V

Number of LEDs: 120

PCB board width: 8mm

Flux: 1000LM

Minimum cut: 50mm

CCT:

2700K 3000K 3500K 4000K 5000K 6000K

ZX-2835G120D (120leds/M)

CATEGORY

Ra>90 2835 monochrome light strip

bridgelux

Power: 10W/18W

Voltage: 24V

Number of LEDs: 120/192

PCB board width: 8mm

Flux: 1080LM/1180LM

Minimum cut: 50mm

CCT:

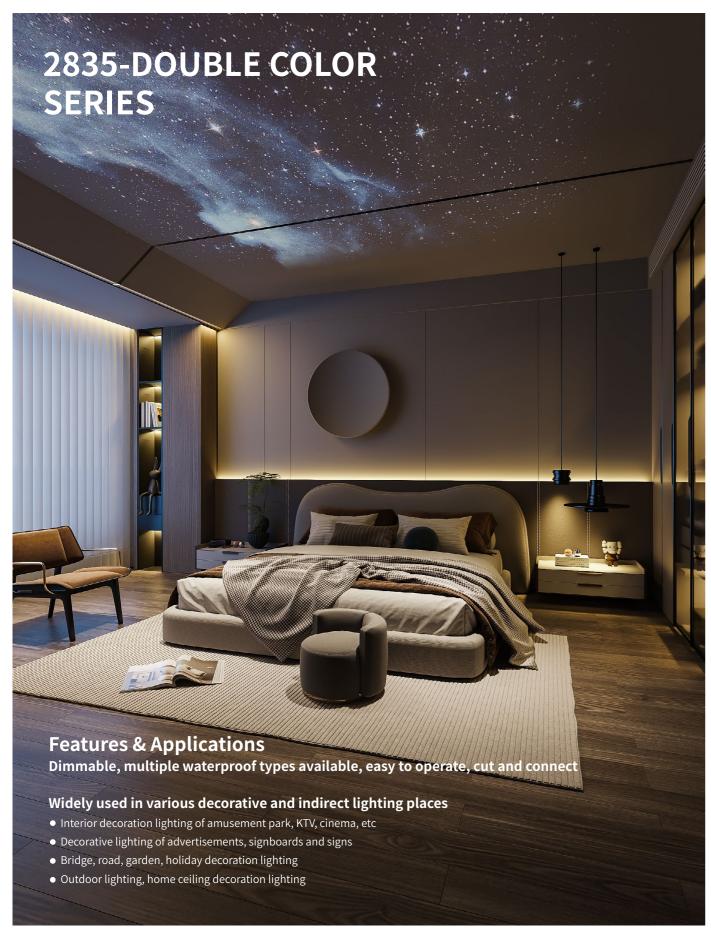
3000K 3500K 4000K 6000K



ZX-2835J120D (120leds/M)

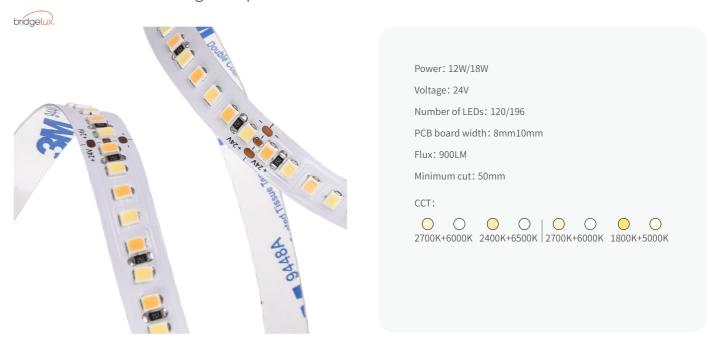
ZX-2835J192D (192leds/M)





CATEGORY

Ra>90 2835 two-colour light strip

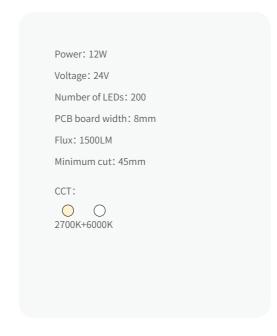


ZX-2835JS120D (120leds/M) ZX-2835JS192D (192leds/M)

CATEGORY

Ra>90 2835 two-colour light strip

No voltage drop at 20m





ZX-2835G200D (200leds/M)





CATEGORY COB two-colour light strip



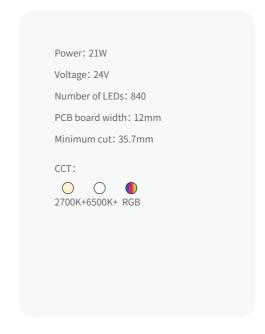
Power: 12W/14W Voltage: 12V/24V Number of LEDs: 608 PCB board width: 8mm/10mm Minimum cut: 26.3mm

CCT:

O 2700K+6500K

CATEGORY

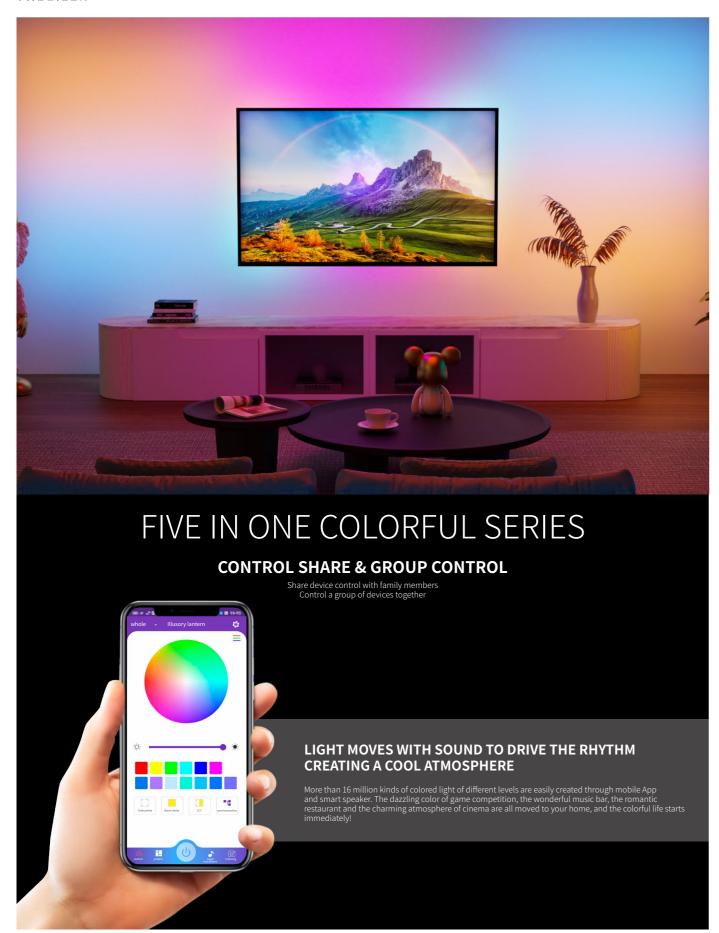
COB five-in-one RGBCW light strip





ZX-COB840D (840leds/M)

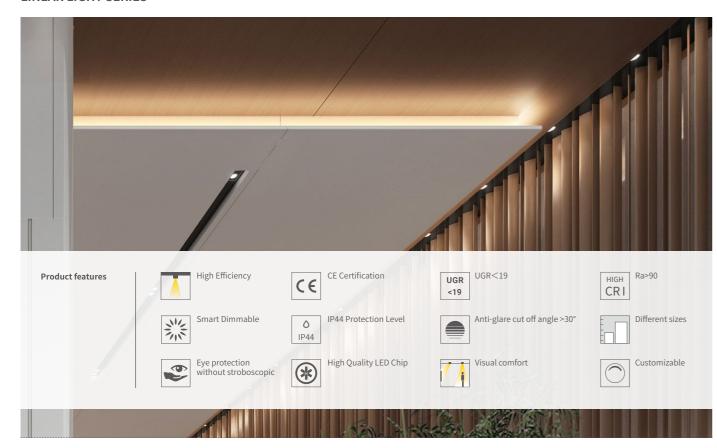


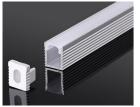






LINEAR LIGHT SERIES

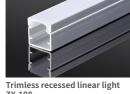




Trimless recessed linear light ZX-101

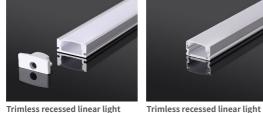
Material : Aluminum Colour:Aluminum Size: W8*9mm



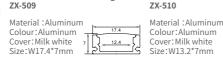


ZX-108

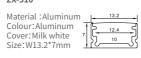




Trimless recessed linear light ZX-509 Material : Aluminum











Trimless recessed linear light







Trimless recessed linear light ZX-613

Material : Aluminum Colour: Aluminum Size:W17.2*14.2mm



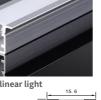
Material : Aluminum Colour: Aluminum 8.5 13.2 Colour: Aluminum Cover: Milk white Size:W18.4*8.5mm



ZX-101B

Size:W12*9mm





Cover: Milk white Size:W15.6*10mm



Recessed linear light

Colour: Aluminum Cover: Milk white Size:W25*7mm





Recessed linear light

Material : Aluminum Colour: Aluminum 14.3 Cover: Milk white Size:W24*14.2mm





Corner linear light

Material : Aluminum Colour: Aluminum Cover: Milk white Size:W15.8*15.8mm



Corner linear light ZX-601A

Material: Aluminum Colour: Aluminum Cover: Milk white Size:W15.8*15.8mm



Embedded lace linear light ZX-725

Cover: Milk white Size:L48.8*12.5mm



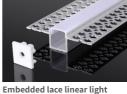
Material: Aluminum Colour: Aluminum

Material : Aluminum Colour: Aluminum Cover: Milk white Size:L48.8*12.5mm



Embedded lace linear light ZX-103B

Material: Aluminum Colour:Aluminum Size:L35*15mm



ZX-639

Material: Aluminum Colour:Aluminum Cover: Milk white Size:L56*15mm



ZX-646

Material : Aluminum Colour: Aluminum Cover: Milk white Size:L53*24mm

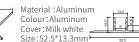


ZX-647

Colour:Aluminum Cover: Milk white Size:L48*27mm



ZX-143







Embedded lace linear light ZX-144

Material: Aluminum Colour:Aluminum Size:52.5*13.3mm



ZX-147

Material : Aluminum Colour:Aluminum Cover: Milk white Size:32.3*13.3mm



ZX-148



Embedded lace linear light

Material : Aluminum Colour: Aluminur Cover: Milk white Size: 33*12mm Colour: Aluminum
Cover: Milk white
Size: 33*12mm



ZX-195 Material: Aluminum

Colour:Aluminum Size:L12.7*43mm

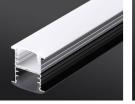


return light slot ZX-187 Material : Aluminum

Colour:White Cover: Milk white Size:L76.2*45mm







Recessed linear light ZX-530B



__ ZX-508

Material : Aluminum





Embedded lace linear light/return light slot Ground linear light ZX-011

Material: Aluminum Colour: White Cover: Milk white Size:L86*57mm



ZX-632 Material : Aluminur

Colour: Black Cover: Milk white Size:L21*26mm



Ground linear light ZX-632A

Material : Alumin Colour: Black Cover: Milk white Size:L28*21mm



Floor linear light ZX-Y009

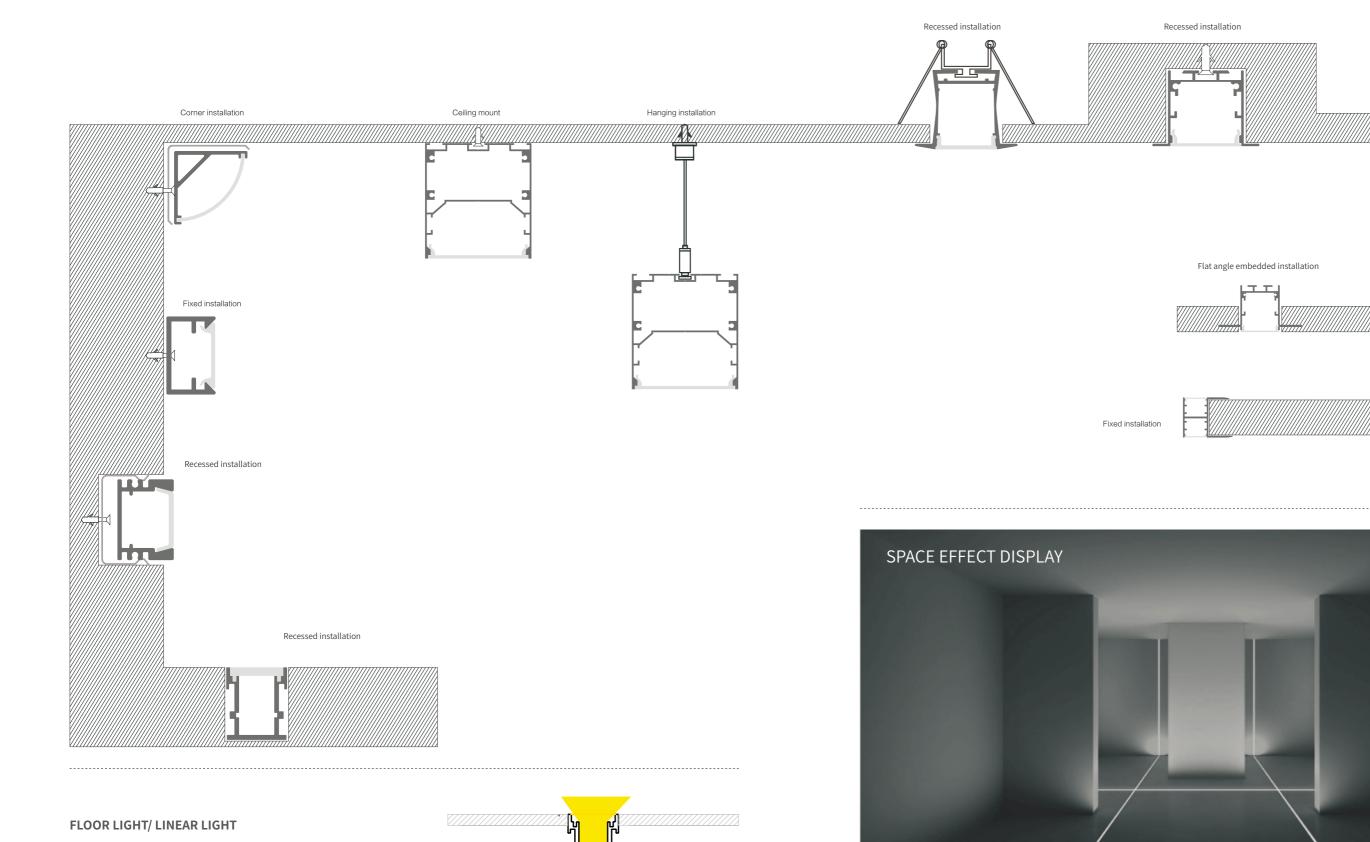
Material: Aluminum Colour: Aluminum Cover: Milk white Size:L60*13mm



Angle Embedded Installation

Inner angle embedded installation







Smart Home/Lighting - Plan Design



Smart home/lighting - light point bitmap



Smart home/lighting equipment list

ITEM	DESCRIPTION	UNIT	QUANTITY
LED linear light	recessed (double color led strip)	meter	68
LED linear light	embedded (double color led strip)	meter	12
LED light strip driver	Smart led strip controller	piece	14
Power supply	LED strip AC/DC power	piece	12
Smart spotlight	Spotlight+smart LED driver	set	105
Smart downlight	Downlight+smart LED driver	set	13
M20 track light	Magnetic track light+smart LED driver	meter	3
M20 power switch	Magnetic track power switch	piece	13
Composite panel	Smart scene panel	set	24
Composite panel	Smart switch panel	set	3
Engineer gateway	Intelligent wireless gateway	piece	2
Curtain motor	Smart curtain motor	set	10
Smart lock	Smart door lock	piece	1
Air conditioner gateway	Air conditioner gateway	piece	2
Smart sensor Human motion sensor		piece	5

Key processes of smart lighting solution implementation

	Application scenarios	Home decoration/industrial decoration, indoor/outdoor, public/private area decoration
DEMAND ANALYSIS	Site area	≤150 m², ≤500 m², ≤1000 m², >1000 m²
	Project status	Pre-installation/modification, design/drawing, circuit/network
	Intelligent communication	Wired/wireless, integrated/transformed, host/distribution
SCHEME SELECTION	Functional Configuration	Lighting/gateway, panel/door lock, curtain/security
	Plan details	Layout configuration, scheme list, requirement confirmation
	Deepen drawings	Intelligent layout, network layout, cabling position
PROGRAM IMPLEMENTATION	Installation and debugging	Intelligent equipment, intelligent module, system debugging
	Training delivery	Application training, function acceptance inspection and system delivery
	Product warranty	1-3 years, non-man-made and natural damage factors
AFTER-SALES SERVICE	Inspection visit	Regular return visit, online testing, online Q&A
	Service continuation	Extended warranty renewal, replacement recommendation, service tracking



