

Please note that:  
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FAVOR Series



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MERCANVEE

Optics · Technology · Charming

# MERCANVEE

Established in 1996, our factory is located in Danzao Town, Foshan City of Guangdong province, where is one of the main production center of commercial lighting across China. We have been providing OEM service to numerous industry-leading brands all over the world since 1996 and we always try our best to keep the spirit of constantly striving for excellence and technological innovation. In order to meet the development needs of the LED lighting market, our own brand “MERCANVEE” was established in 2011. Bearing the company philosophy of “Optical, Technology, Charming” in mind, MERCANVEE have become a modern enterprise integrating research, development, production and sales of high-end LED lighting products.

Dedicated to technological innovation, MERCANVEE always try to fuse elements like energy-saving, chromatology, optics, aesthetics, architecture, history, humanities, commerce, environment, physics, psychology, physiology, life, etc. into the lighting science. And by doing so, we are able to provide more professional and more responsible lighting products and optical solutions for our customers.

We love the cause of LED lighting and we respect the physical form of the light. We deeply explore the principles and application characteristics of optics and try to blend them into humanity, nature, architecture, vision and environment to create a harmonious effect. Meanwhile, energy-saving and environmental protection will always be MERCANVEE's core values. We will keep emphasizing optical research, lighting control technology and visual management and keep pushing our boundaries so that we can help building a healthier, more eco-friendly and safer society.

MERCANVEE, your professional lighting provider.

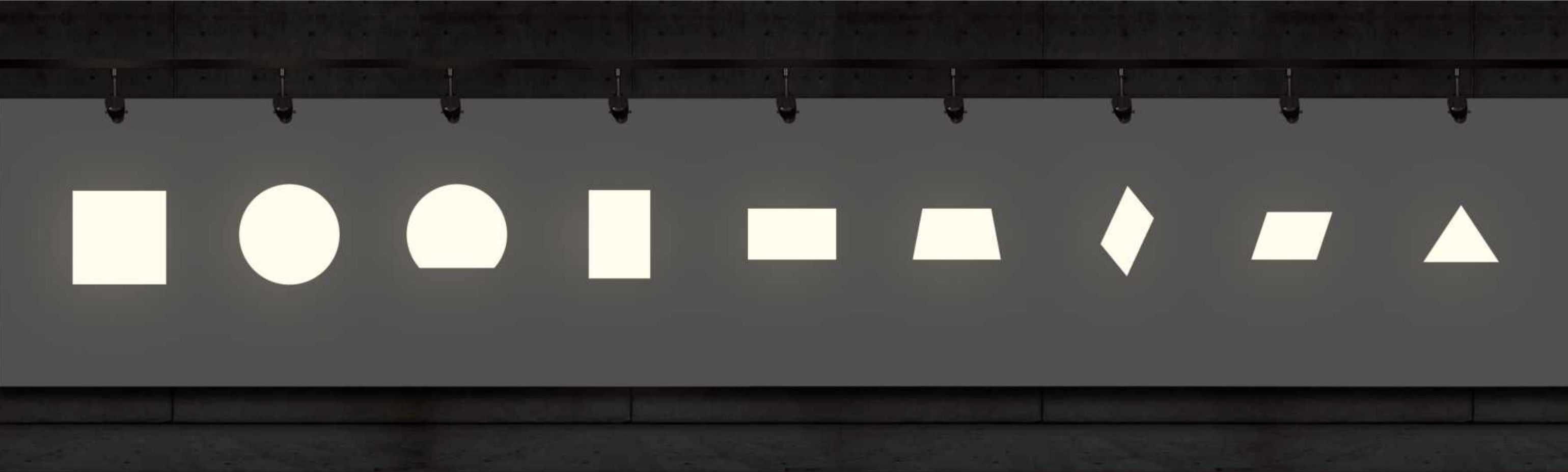
# **FAVOR**

## Framing spotlight series

Framing/ Zoomable/ Projection/ Intelligent Control

Zoomable stepless dimming with frame of 1 : 0.8





# FAVOR

## Framing spotlight series

High precision zoomable optics without burrs or blue & yellow shadows on the edge. Stepless zoomable lens allows smooth adjustment. Multi-filter design prevents showing dust particles or fingerprints in the spot. The shape of the spot can be easily modified with the pluggable framing sheets.

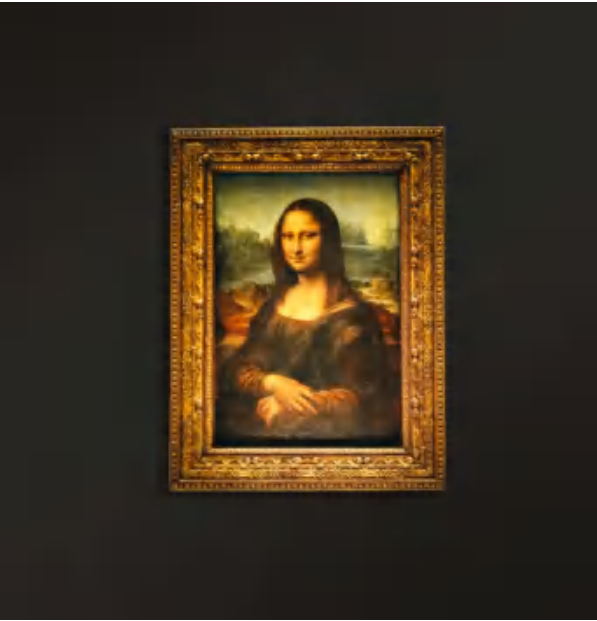
Framing/ Zoomable

Zoomable stepless dimming

Frame 1:0.8







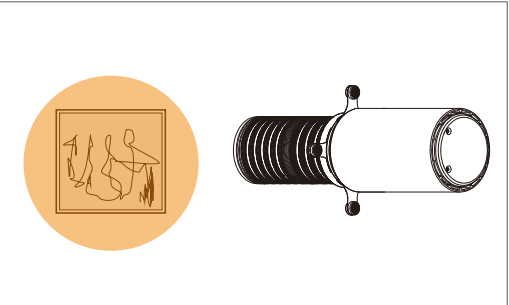
Generally speaking, framing spotlights are used in specific occasions, mostly in dark areas. By creating visual contrast on brightness, we can bring out the object spotted.

Suitable for bars, KTV, western restaurants, guesthouses, museums, etc.

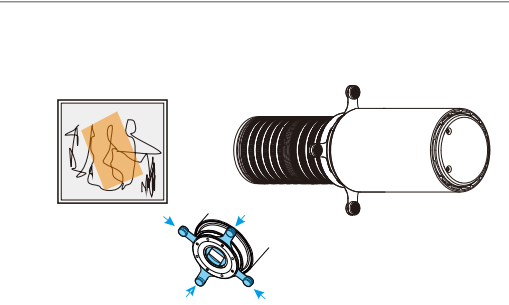
The principle of the framing spotlight is cutting the projected spot into the shape of the object.

We can modify the shape of the spot according to different dimensions of the objects so that it can achieve a better visual and display effects.

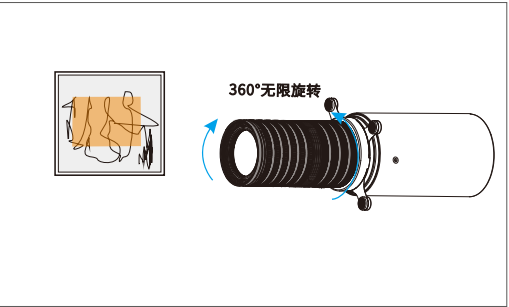
Instructions:



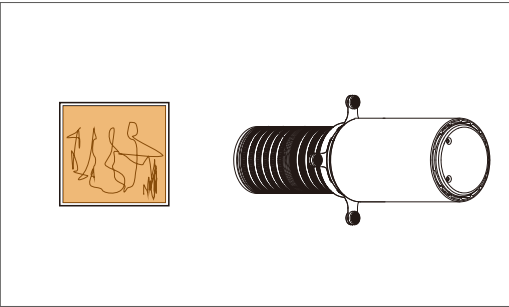
1. Adjust the aperture to appropriate size, spot right at the center of the object. Adjust to appropriate acutance for a clear edge.



2. Pull all of the four blades of diaphragm to the outer edge, vertically push the blades of diaphragm inwards. Make sure the rectangular spot is smaller than the object. Adjust the acutance until you get the satisfactory results.



3. If the direction of the spot is not matching the object, unscrew the fixing screw on the side, so that the lens can be 360 degrees rotatable. Rotate the lens until the edge of the spot is parallel with the edge of the object. Then secure the fixing screw again to fix the position.



4. Pull each of the blade of diaphragm slowly, until the spot's shape matches the object. Repeat the above steps until you get the satisfying effect.





Fashion gradient

**FAVOR**  
Framing spotlight series

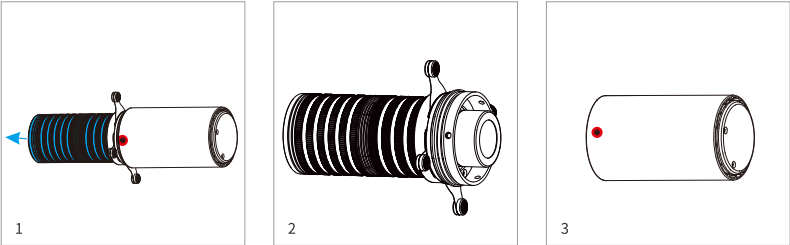


**FAVOR**  
Framing spotlight series  
**Projection function**

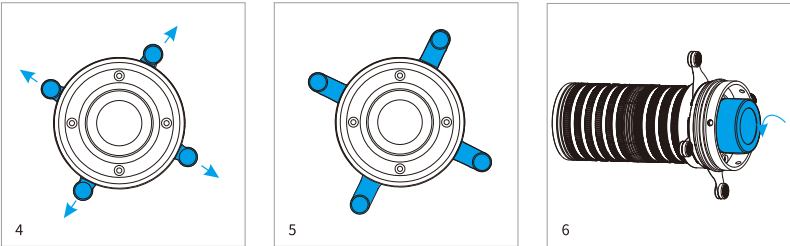


Projection function

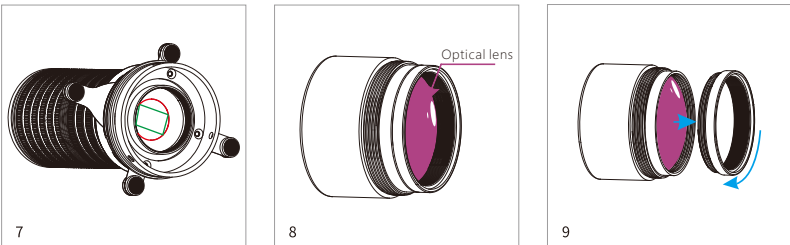
A.Unscrew the fixing screw on the side, detaching the lens and the tube. (Separate Picture 1 to Picture 2&3.)



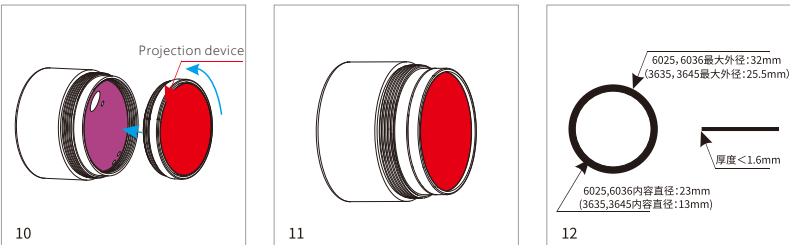
B.Pull all of the four blades of diaphragm to the outer edge. (As shown in Picture 5.)



C.Detach the blue part in Picture 6, separate it into Picture 7&8. Then further separate Picture 8 into two parts like Picture 9.



D. Install the projection film (the red part in Picture 10) back on Picture 8. And assemble all the other parts back like Picture 1.



**Attention:**

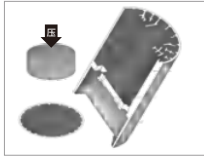
- 1.When replacing the projection film, please make sure that all 4 of the framing sheets are pulled to the outer edge before installing the projection film. Or else it might damage the lens and affect the final framing effect.
- 2.Apart from replacing the projection film and the daily maintenance of the lens, please don't disassemble any other part of the lens. We won't be able to provide maintenance or warranty caused by artificial damages.
- 3.The weight of framing track spotlight is heavier than normal track lights. Please check the installation condition before installing.
- 4.The lens itself doesn't have any extra accessories, please don't disassemble the lens.

FAVOR  
Framing spotlight series

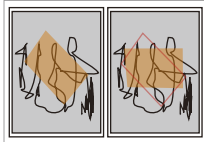
FAVOR FRAMING SPOTLIGHT SERIES



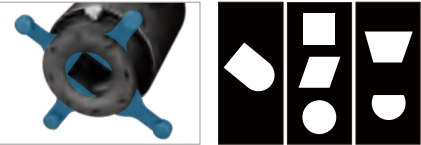
**1. Design of cold forged integrated radiator**  
The radiator made of 1070# pure aluminum through molding has high thermal conductivity, low temperature difference, low light failure and high service life.  
**Thermal conductivity 226w/m.k**



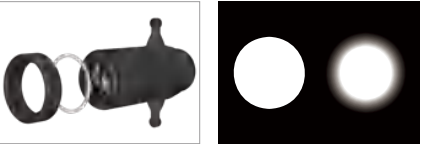
**2. 360 ° manual rotation design**  
Loosen the screw and rotate the lens part to realize the 360 ° rotation adjustment function of the light spot.



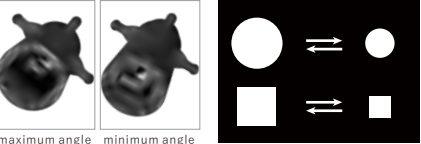
**3. Design of optical variable aperture**  
An optical aperture with high precision and special material. No burr, no jamming during plugging. The shape of the light spot can be changed at will by inserting and inserting the light cutting device manually.



**4. Multilayer dry damping design**  
The utility model relates to a focusing device without lubricating oil, which has a silky feel, stability and reliability, wear resistance, high temperature resistance, and long-term operation without coke escaping and slipping. Rotating the device can change the sharpness of the light spot.



**5. Multilayer dry damping design**  
The utility model relates to a focusing device without lubricating oil, which is silky and smooth, stable and reliable, wear-resistant, high-temperature resistant, and can work for a long time without coke escaping and slipping. Rotate the device to adjust the size of the light spot.



**6. High definition optical lens design**  
It is composed of several high-definition coated optical lenses. The whole lamp has the characteristics of high light output efficiency, high spot uniformity, small distortion, large linear zoom range, good spot cut-off line, etc.





Filter



Without Filter



With yellow filter



**Color filter**  
Change the lighting color base on your needs.



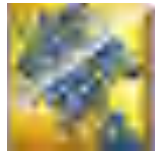
Silk Product



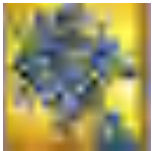
Cultural Relic



**UV filter**  
Reducing 90% UV rays, protect the spotted item.  
Widely used on silk products and cultural relic.



Without CPL Filter



With CPL filter



**CPL filter**  
Reducing the reflection of non-metallic surface to improve color saturation.





Color Filters

LP0603B-OZ-R

Red filter

LP0603B-OZ-Y

Yellow filter

LP0603B-OZ-G

Green filter

LP0603B-OZ-B

Blue filter

LP0603B-OZ-P

Purple filter

LP0603B-OZ-O

Orange filter

Special Filters

UV0603B-OZ-01

UV filter  
Function: Reduce 90% UV

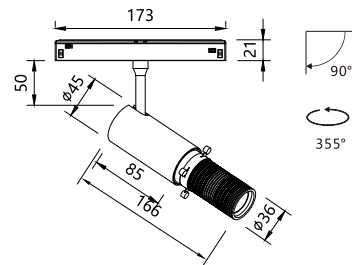
PZ0603B-OZ-01

Circular-Polarizing Lens  
Function: Remove the reflection of non-metallic surface to improve color saturation.





MVT0603B-OZ



Optional Color



Order No

White(W) Black(D)

MVT0603B-OZ-008L3-D(W)

MVT0603B-OZ-013L3-D(W)

L27-2700K

L3-3000K

L35-3500K

L4-4000K

ZIGBEE

DALI Dimmer Control

0-10V Step Dimmer Control

Knob Button Dimmer Control

IP Level

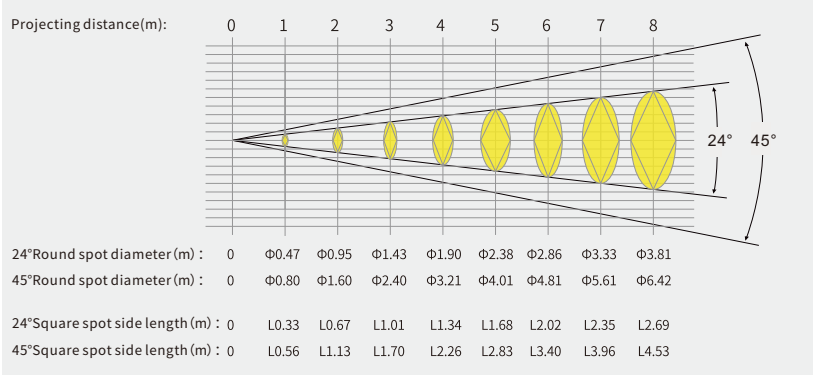
18PCS

	H(m)	E(lx)	D(m)
1	1909	0.37	24°
2	477.4	0.74	
3	121.2	1.12	
4	119.3	1.49	
5	76.38	1.86	

Beam AngleLight 24°  
Source Luminous Flux 290.73lm  
Lighting Luminous Flux 974.94lm  
Luminaire Efficiency 29%

	H(m)	E(lx)	D(m)
1	832.2	0.72	45°
2	208.0	1.45	
3	92.46	2.18	
4	52.01	2.91	
5	33.29	3.64	

Beam AngleLight 45°  
Source Luminous Flux 326.70lm  
Lighting Luminous Flux 974.94lm  
Luminaire Efficiency 33%



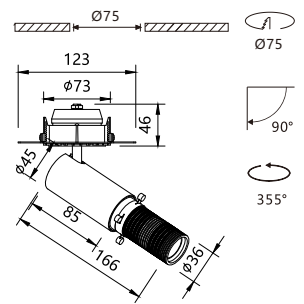


Daily maintance

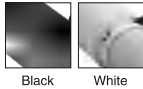


If the edge of the spot is not clear or if there is any shadows or particles, please open the lens and use a dust-free cloth or glasses cloth to clean it.

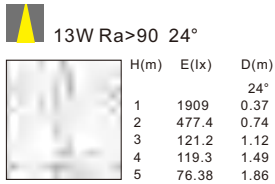
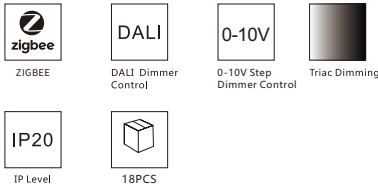
MVM0603B-OZ



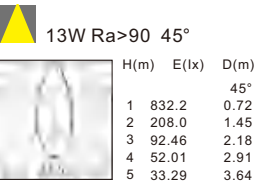
Optional Color



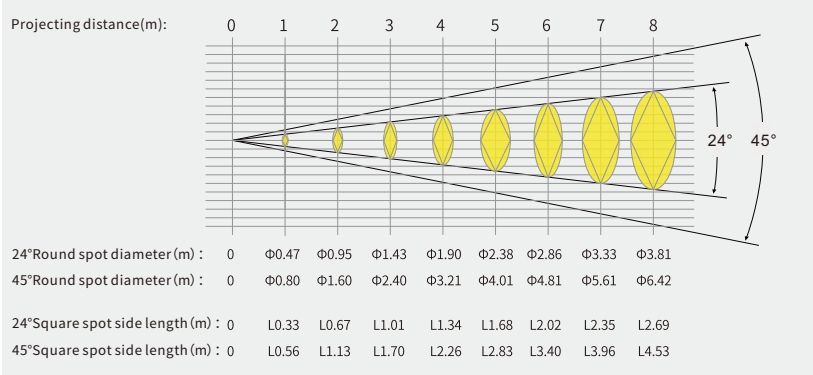
Order No  
White(W) Black(D)  
MVM0603B-OZ-008L3-D(W)  
MVM0603B-OZ-013L3-D(W)  
L27-2700K  
L3-3000K  
L35-3500K  
L4-4000K



Beam AngleLight 24°  
Source Luminous Flux 290.73lm  
Lighting Luminous Flux 974.94lm  
Luminaire Efficiency 29%

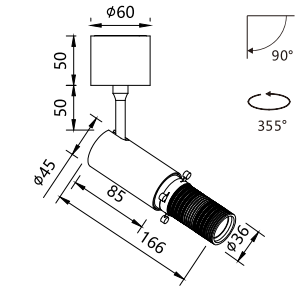


Beam AngleLight 45°  
Source Luminous Flux 326.70lm  
Lighting Luminous Flux 974.94lm  
Luminaire Efficiency 33%

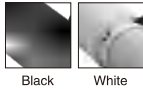




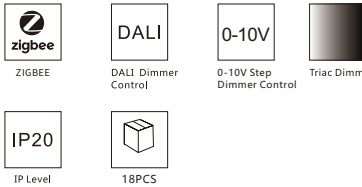
MVM0603B2-OZ



Optional Color



Order No  
White(W) Black(D)  
MVM0603B2-OZ-008L3-D(W)  
MVM0603B2-OZ-013L3-D(W)  
L27-2700K  
L3-3000K  
L35-3500K  
L4-4000K

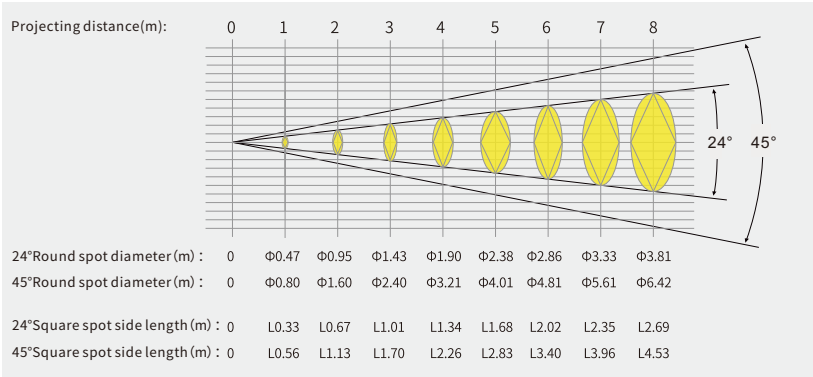


	H(m)	E(lx)	D(m)
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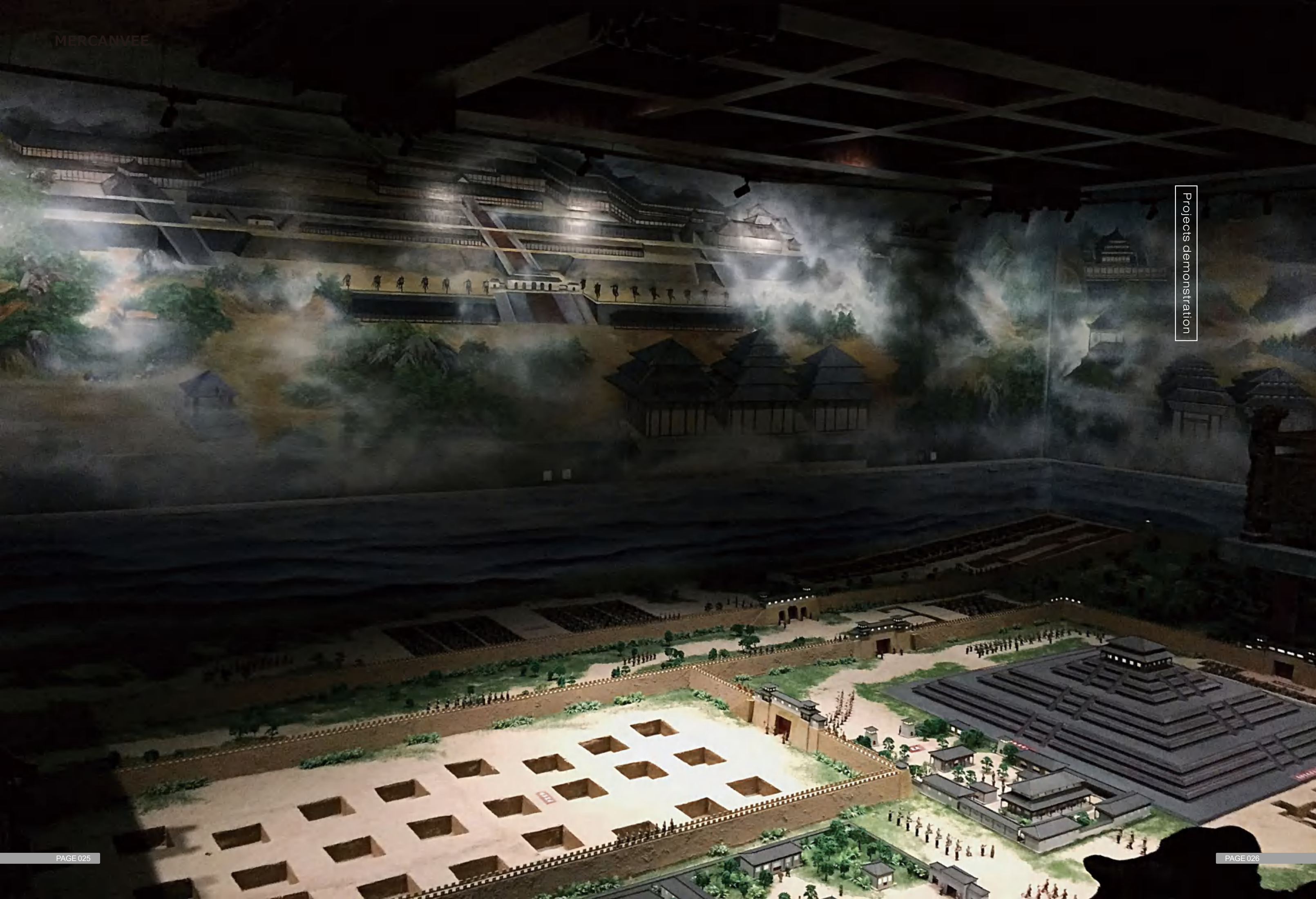
Beam AngleLight 24°  
Source Luminous Flux 290.73lm  
Lighting Luminous Flux 974.94lm  
Luminaire Efficiency 29%

	H(m)	E(lx)	D(m)
1	832.2	0.72	45°
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5	33.29	3.64	

Beam AngleLight 45°  
Source Luminous Flux 326.70lm  
Lighting Luminous Flux 974.94lm  
Luminaire Efficiency 33%









Projects demonstration

- 陈望道纪念馆
- 重庆大轰炸惨案博物馆
- 重庆市人民防空宣传教育中心
- 成都国际商贸城
- 国家授时中心
- 贵州平塘国际天文体验馆
- 贵州烟草博物馆
- 广州正佳自然博物馆
- 赣榆海洋馆
- 湖北九宫山闯王文化馆
- 海安城市规划馆
- 江苏海安城市规划馆
- 江西鄱阳湖候鸟小镇
- 江北之美城市主题展示中心
- 龙门红军园革命陈列馆
- 莱芜化石博物馆
- 李可染艺术博物馆
- 漯河科技馆
- 南通中华慈善博物馆
- 南通环保博物馆
- 南京激光馆
- 南昌县新时代文明实践中心
- 南京六合农业示范园
- 如皋汽车博物馆
- 溯源秦始皇陵博物馆
- 山东工委历史陈列馆
- 山西药茶体验馆
- 山东临沂罗庄村史馆
- 深圳东方奇石博物馆
- 厦门白鹭洲文化馆
- 西安大明宫考古探索中心
- 新乡智慧经开城市展厅
- 熊猫科技馆
- 盐城数梦小镇
- 盐城检察院
- 宜丰县生态环保展示馆
- 意大利伊特鲁里亚文明文物展
- 中国中冶集团人防博物馆



FAVOR FRAMING SPOTLIGHT SERIES





Su Yuan Qin shihuang Ling MUSEUM









XIAN Daming Palace Museum













Guangdong Longmen MUSEUM





1.Real estate industry:



2.Hotel industry:



3.Food Industry:



4.Apparel industry:



5.Furniture industry:



6.Automobile industry:



7.Museum industry:

The Mausoleum of the First Qin Emperor,National Time Service Center,Grandview Museum of Natural Science, Hubei Jiugongshan Chuangwang Cultural Center,Shandong Linyi Luozhuang Village History Museum,etc.

8.Office industry:



As well as clubs, hotels, restaurants, shopping malls, commercial complexes, museums and other projects, pls see more details in our website: [www.mercanvee.com](http://www.mercanvee.com)