

Come from BESUN, go for BEing SUN.

BESUN LED LIMITED
PROFESSIONAL IMAGING OPTICAL LIGHTING SOLUTIONS
2024B



BESUN[®] LED LIMITED
深圳市冰晟光电科技有限公司

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A DECADE OF ORIGINALITY

Spot shaping/ Zooming / Projection / Smart control

Fully independent intellectual property rights, global patents, global certification!
Our products result from both professionalism and love!

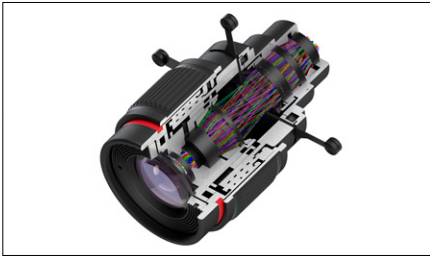
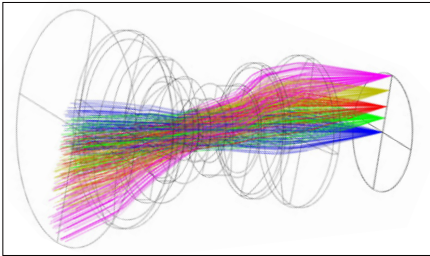
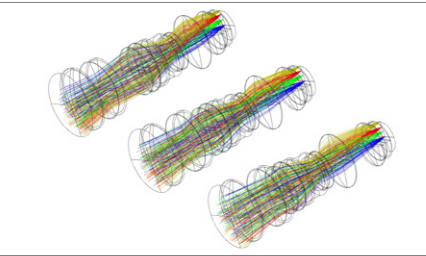


COMPANY PROFILE

As a leader in imaging optical lighting technology, BESUN LED LIMITED. is one of the earliest domestic companies focusing on the field of imaging optical lighting. With the corporate vision of "becoming the world's leading professional product and service provider in the field of imaging lighting", BESUN continues to focus on providing professional precise optical design, optical products, optical accessories, optical control and related services.

Along with the start-up development of China's LED lighting industry, BESUN LED has maintained a leading position in the Chinese market for more than 10 consecutive years. We are one of the companies with the earliest entry into the domestic imaging lighting field, the deepest technical reserves, and the most complete industrial layout. BESUN has formed a complete strategic layout of imaging optical lighting, and has R&D and manufacturing capabilities from core technology research and development such as algorithms, design, and materials to various terminal applications. With rich practical experience, BESUN LED has taken the lead in realizing the application of imaging optical systems in multiple industries or fields, such as imaging lighting optical, machine vision, lithography machine optical, etc., and has developed a large number of imaging lighting fields for more than ten years. Be the first to witness, promote and lead the development of China's imaging lighting market.

Based on the foundation of years of global development, BESUN LED has formed a global business layout and service capabilities, has allocated global resources with a global perspective, and built domestic and foreign product research and development centers including China, the United States, Russia, Germany, Italy, and South Korea. , production and marketing system, with more than 10 international patents, technology covers design, optical, material science, high-precision machining, software and multi-system combination of hardware, software and various algorithms, products are exported to more than 90 countries around the world and regions, laying a solid foundation for promoting the development of global imaging optical lighting.



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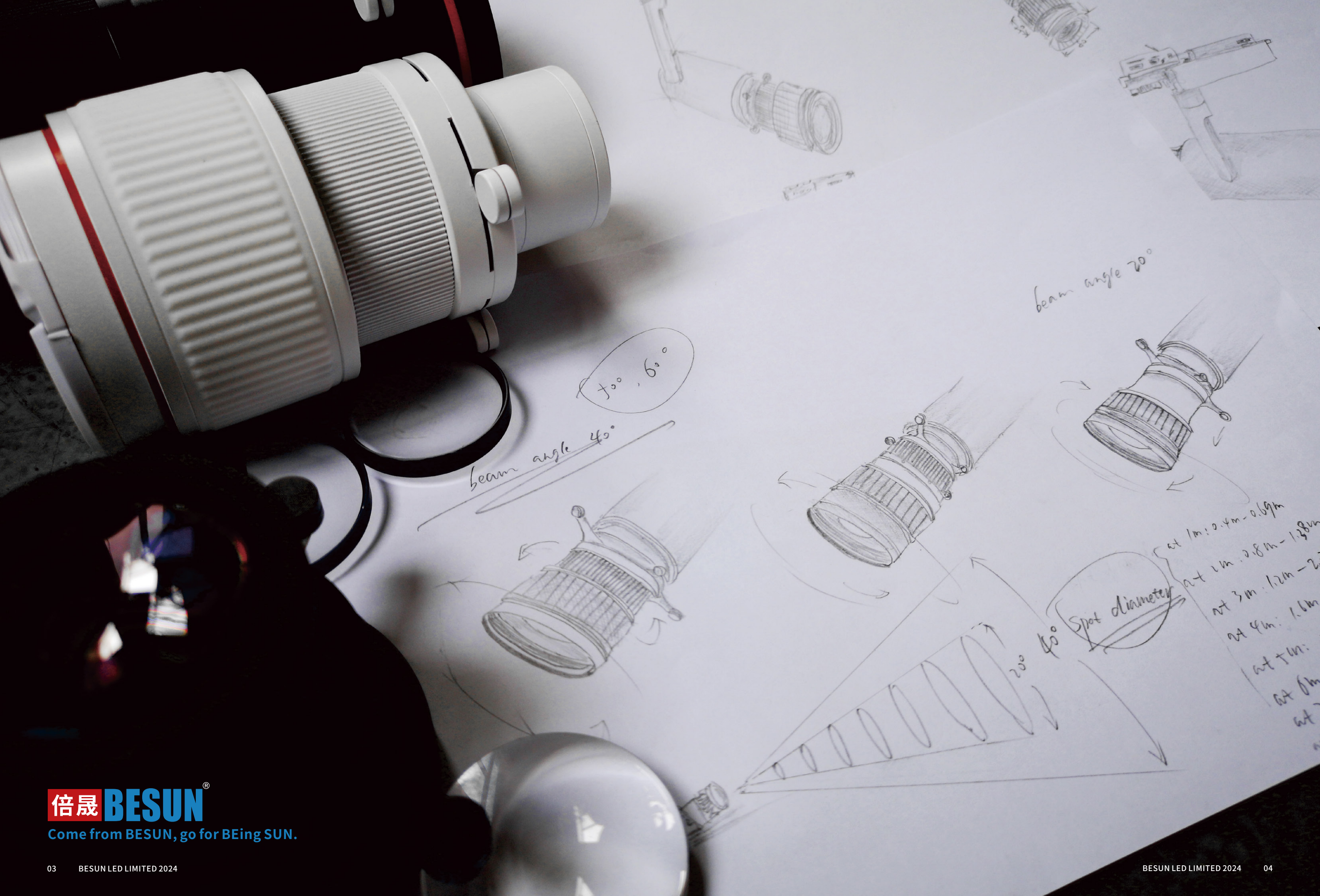
09 GZ series Framing Optic Lens

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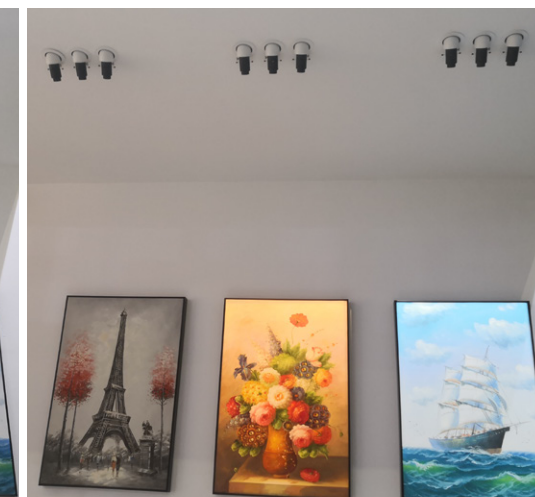


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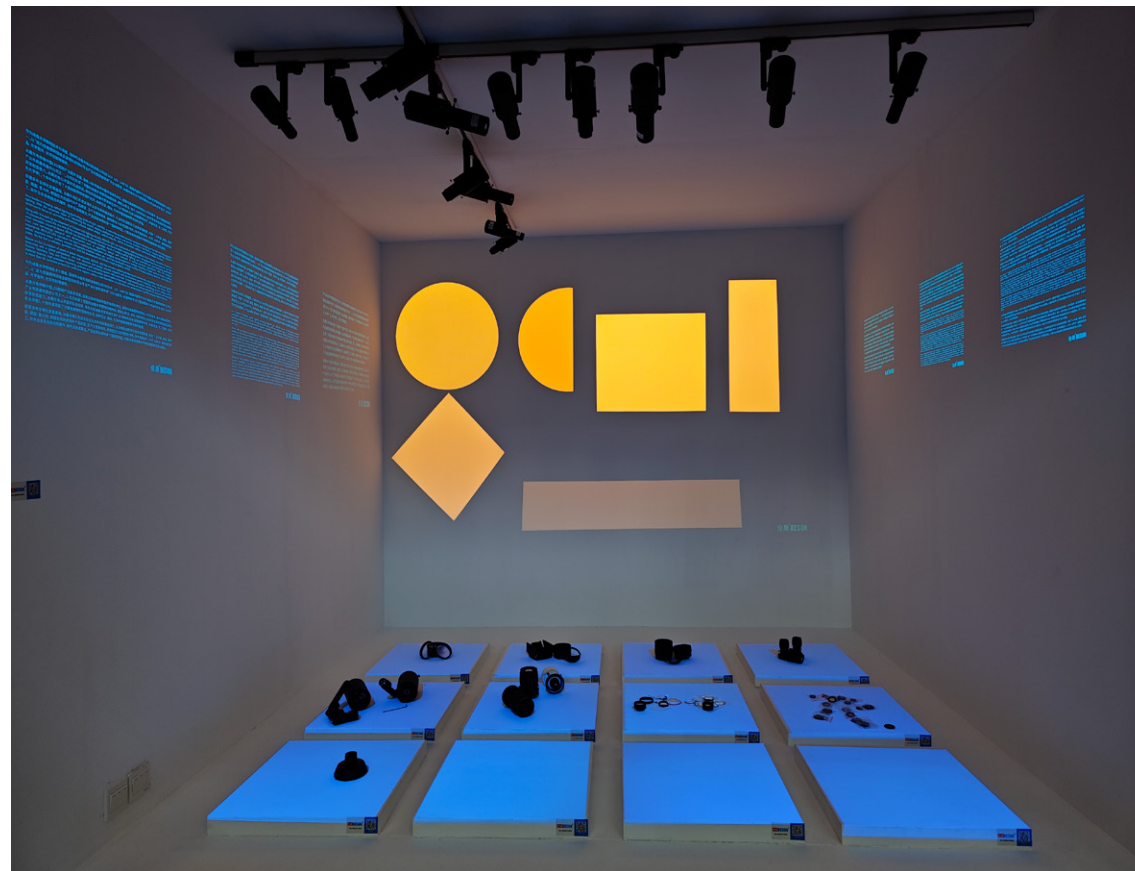
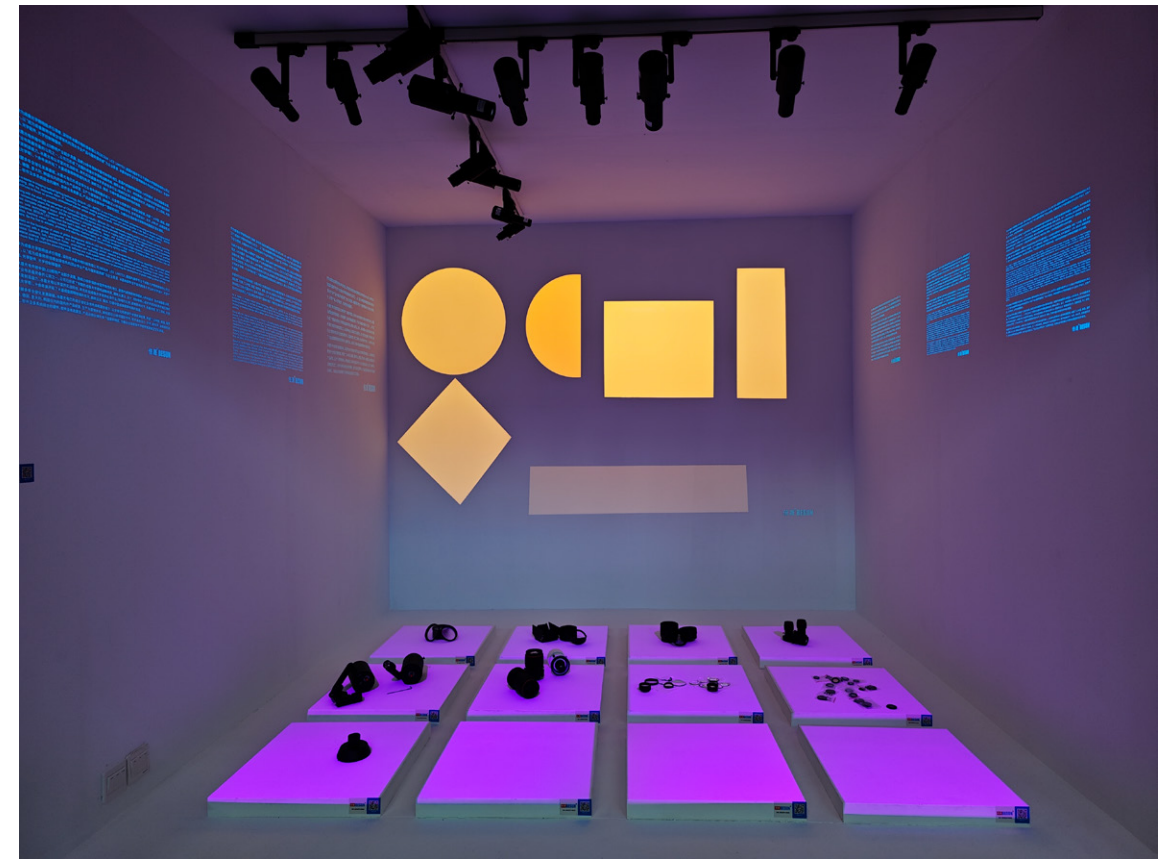


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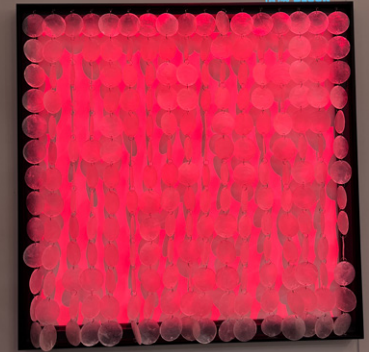




全球
倍晨® BESUN

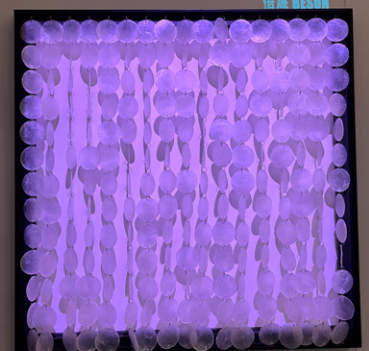
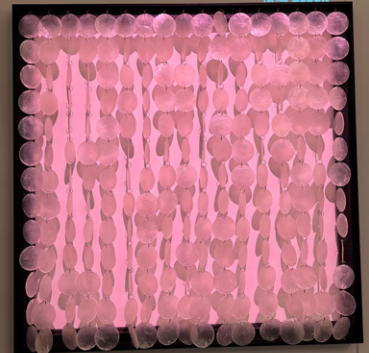


倍晟 BESUN



音景® BESUN

倍晨® RESIN





Light and shadow give life more layers.





shaping + projection explanation, the combination of practicality and artistic conception, the collision of picture and text, BESUN provides you with higher-precision text projection.



《星月夜》是后印象派画家梵·高的代表作之一。在这幅画中，梵·高用夸张的手法，生动地描绘了充满运动和变化的星空。夜晚的天空高又远，大星、小星回旋于夜空，金黄的满月形成巨大的漩涡，星云的短线条纠结、盘旋，仿佛让人们看见时光的流逝。暗绿褐色的柏树像巨大的火焰，是星夜狂欢的响应者。天空下，安睡的村庄那么宁静、安详。淡蓝的色调，动感的线条，给人自由的时空感。



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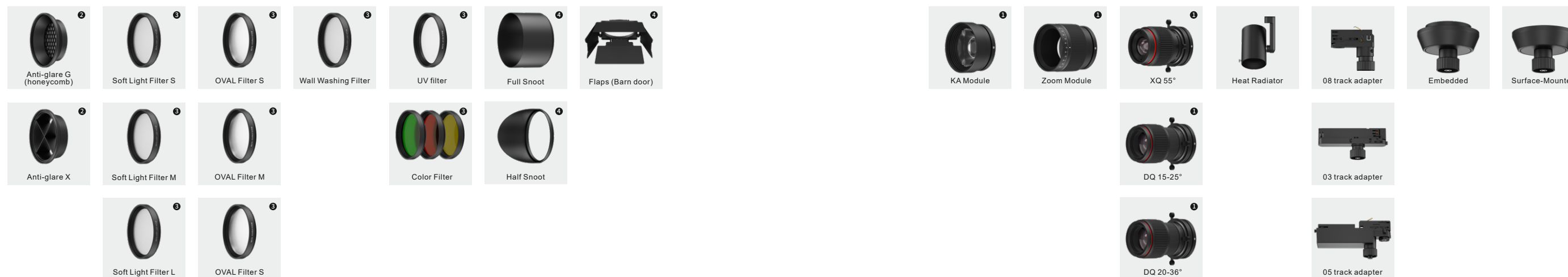








Ultra-flexible architecture that allows for rapid customization, easy combination and separation of modules, convenient individual module function debugging, upgrading, and maintenance, as well as multi-person collaboration without interference.



Ultra-flexible architecture that allows for rapid customization, easy combination and separation of modules, convenient individual module function debugging, upgrading, and maintenance, as well as multi-person collaboration without interference.



KA Module-10°



KA Module-15°



KA Module-36°



KA Module-55°



Anti-glare G
(honeycomb)



Anti-glare X



Soft Light Filter S



OVAL Filter S



UV Filter



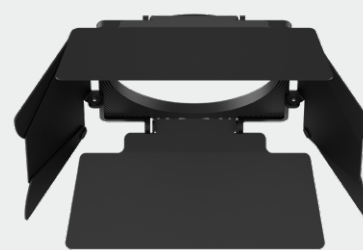
Color Filter



Full Snoot



Half Snoot



Flaps (Barn door)



1



The level 1 optical accessories are unique and can only be installed one at a time. Multiple accessories cannot be installed simultaneously, and at least one accessory must be installed in order for other optical accessories to function properly.

2

The level 2 optical can carry all level 1 optical except imaging, and it is the only level that can be combined with level 3 and level 4 optical. It can also be stacked with level 3 and level 4 optical.

For example: Anti-glare Module G (honeycomb) + UV filter / Anti-glare Module G (honeycomb) + color filter + UV filter / or Anti-glare Module G (honeycomb) + UV filter + 8 Flaps (Barn door)

3

The level 3 optical can independently support all the level 1 optical, the level 2 optical, or 1+3+4 combinations. The level 3 optical can be stacked with other optics to create different effects.

For example, OVAL+ Soft light Module / OVAL+Soft Focus Module+UV Filter / Anti-glare Module G (honeycomb)+UV Filter+8 Flaps (Barn door)

4

Level 4 optical can carry all level 1 optical independently, or carry level 2 optical, or some of the level 3 optical can be in a stacked state.

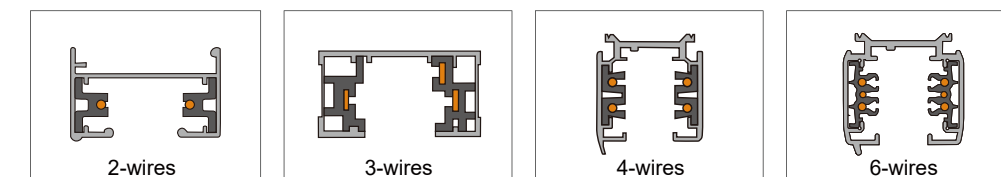
For example, OVAL+Soft light Module + 8 Flaps (Barn door) / Anti-glare Module G (honeycomb) + UV filter + Spotlight Module C (Half Snoot) , and so on.

Here is the installation module of the King of Track Light. In order make this module operate more efficiently, conveniently, and reliably, we have redefined and designed its ceiling-mounted installation module and embedded installation module. The track-mounted installation module will also be fully compatible with other brand tracks, so you don't have to disassemble the existing track system in order to have the superior light quality of BESUN.



Track installation

This module can be adapted to almost all brands of tracks worldwide



BESUN 03 track module is commonly used for 6-wire DALI control or CASAMBI smart control and other control needs

BESUN 05 track module is commonly used for wireless Bluetooth control needs, such as 2.4G graffiti, Zigbee, and other control needs

BESUN 08 track module is commonly used for conventional 0-10V single lamp dimming control needs, or 0-10V+DIP CCT

Embedded&surface-mounted installation

A revolutionary mounting module that can be installed both as embedded and surface-mounted, providing stability and reliability, especially suitable for the installation of medium to heavy-duty lighting fixtures.



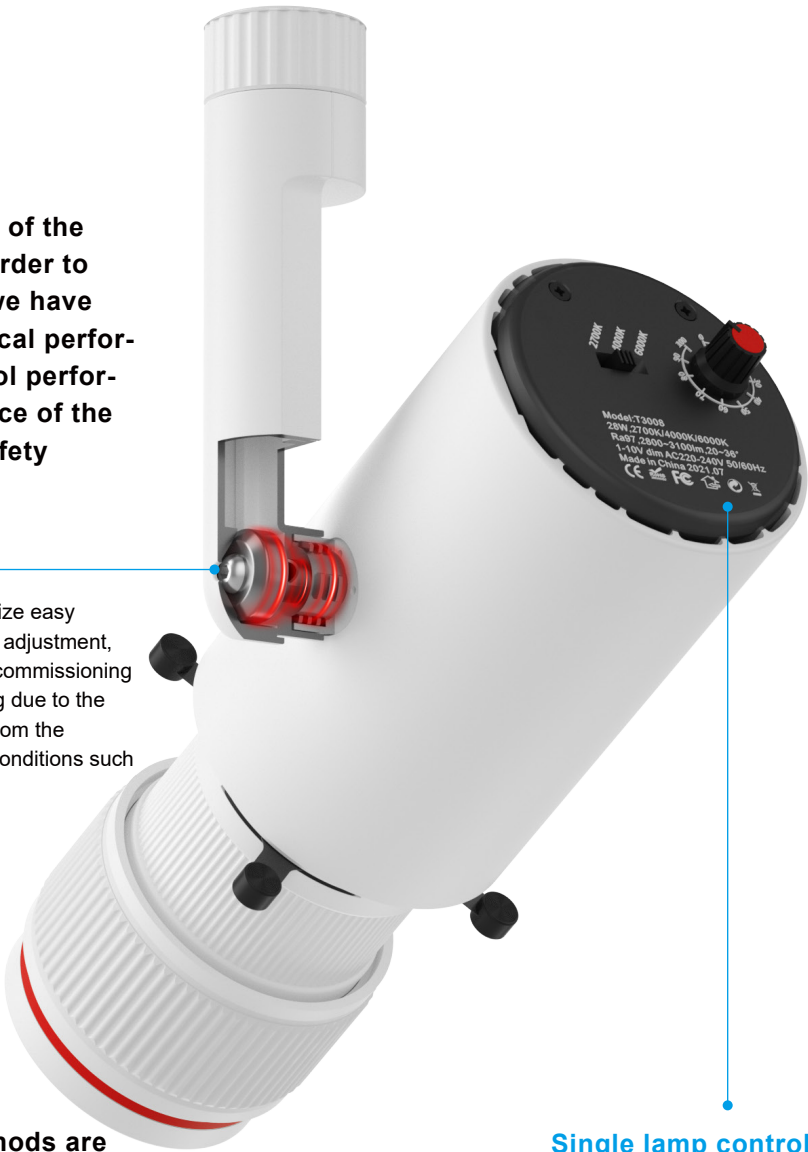
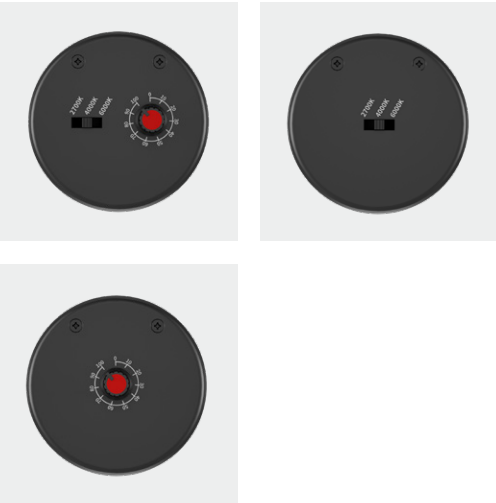
Here is one of the most hardcore parts of the whole King of Track Light module. In order to ensure that nothing is left to chance, we have redefined and redesigned the mechanical performance, optical performance and control performance as well as the safety performance of the module, which complies with zhaga safety standards.

355° Vertical 355° rotation

The new design of vertical 355 degree rotation will realize easy arbitrary angle hovering and locking. arbitrary damping adjustment, and never sag. It effectively saves the installation and commissioning time, and effectively avoids the annoyance of reworking due to the light head moving around and the light spot deviating from the original position. The device is effective under severe conditions such as ground or ceiling vibrations, or high altitude winds.

The module built-in driver control methods are generally the following

- a, Single lamp 0-10V knob dimming module features continuous dimming
- b, DIP select color temperature module
2700K/4000K/6000K
3000K/4000K/5700K
- c, DIP CCT + 0-10V knob dimming



Single lamp control

Please refer to 03,05 module for external driver.

New horizontal 355 ° rotation design, abandoned the brand track adpter with its own plastic rotation damping device, replaced by a better and more reliable and durable mechanical gear damping, will achieve easy horizontal rotation at any angle, any angle locking, any damping adjustment, and never run off. It effectively saves the installation and commissioning time, and effectively avoids the annoyance of reworking due to the light head moving around and the light spot deviating from the original position. The device is effective under severe conditions such as ground or ceiling vibrations, or high altitude winds.

355° Horizontal 355° rotation



Light color part

The color of light is not only inseparable from the high quality optics, but also from the hard index of the light source itself. BESUN does not produce light sources, but will select light sources that meet BESUN's standards.

Project	27H	30H	40H
Melanopic ratio (MR)	17.8%	18.7%	19.2%
Melanopic daylight-equivalent ratio(MDER)	91	107	108
Relative damage factor,f (mW/lm)	0.127	0.147	0.748
SCDM over time (must: SDCM ≤ 1.5)	Average±0.0013	Average±0.0013	Average±0.0013
TM-30 /Rf	94	94	93
TM-30 /Rg	102	101	100
L90B10=50000H	L90B10=50000H	L90B10=50000H	L90B10=50000H
Colour vector diagram			
Local Color Fidelity (Rf,hy)			



Technical requirements:
Ambient temperature reaches 40 degrees, light source TC point <80 degrees, driver TC point <95 degrees

Temperature Measuring Point	environmental temperature (T1)	29.8	31.5	34.8	39.8
	welding spot's negative pole (T2)	29.8	66.1	69.2	76.5
	inside (T3)	29.8	61.2	64.7	69.9
	outside (T4)	29.8	58.1	60.8	66.8
	driver TC point (T5)	30.0	89.8	93.5	94.5

T4008 Result OK

Temperature Measuring Point	environmental temperature (T1)	29.8	31.5	34.8	39.8
	welding spot's negative pole (T2)	29.9	69.4	72.1	78.5
	inside (T3)	29.8	66.7	69.4	71.5
	outside (T4)	29.8	61.8	64.7	68.5
	driver TC point (T5)	30.0	88.7	92.5	95.3

T3008 Result OK

Temperature Measuring Point	environmental temperature (T1)	29.8	30.7	35.8	40.1
	welding spot's negative pole (T2)	29.9	63.1	68.9	72.2
	inside (T3)	29.8	60.4	65.2	68.4
	outside (T4)	29.8	57.0	62.6	65.9
	driver TC point (T5)	30.1	79.8	85.4	88.2

T2008 Result OK

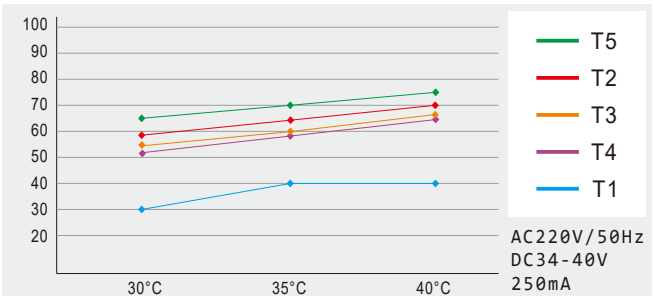
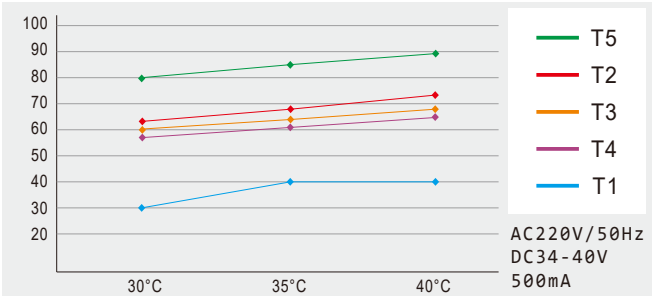
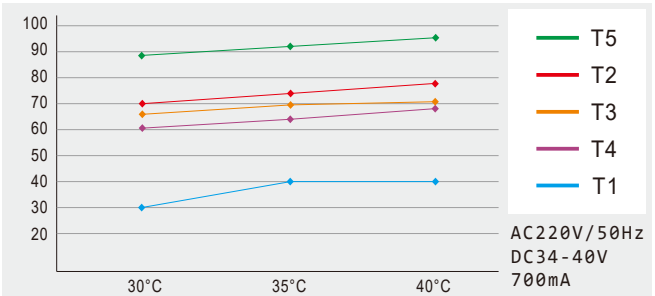
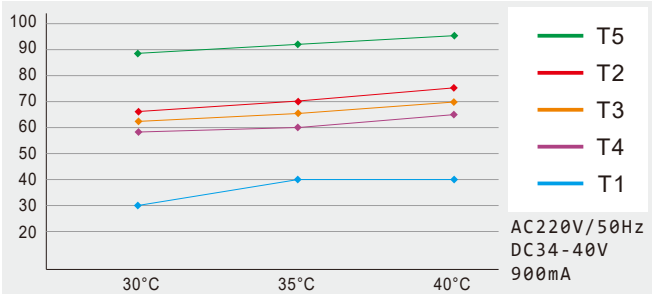
Temperature Measuring Point	environmental temperature (T1)	29.9	30.0	36.5	40.0
	welding spot's negative pole (T2)	29.8	58.9	64.2	65.2
	inside (T3)	29.8	54.6	59.9	65.1
	outside (T4)	29.8	53.3	58.8	64.1
	driver TC point (T5)	29.8	65.8	70.6	75.3

T1008 Result OK

倍晟 King of Track Light BESUN Temperature rise report

BESUN's heat dissipation material, with (226.W/M.K) super high thermal conductivity, can effectively reduce the temperature difference between inside and outside the lamp, and reduce the light decay, color temperature drift and other key data, and significantly improve the service life of the lamp.

The temperature of the driver TC point in the chart is normal, because this driver can provide high P flicker-free 5 years warranty when the TC point is less than 100 degrees.

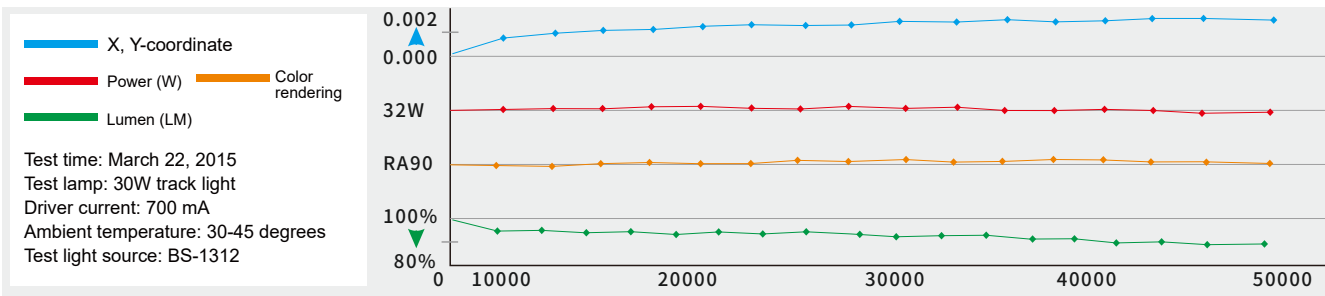


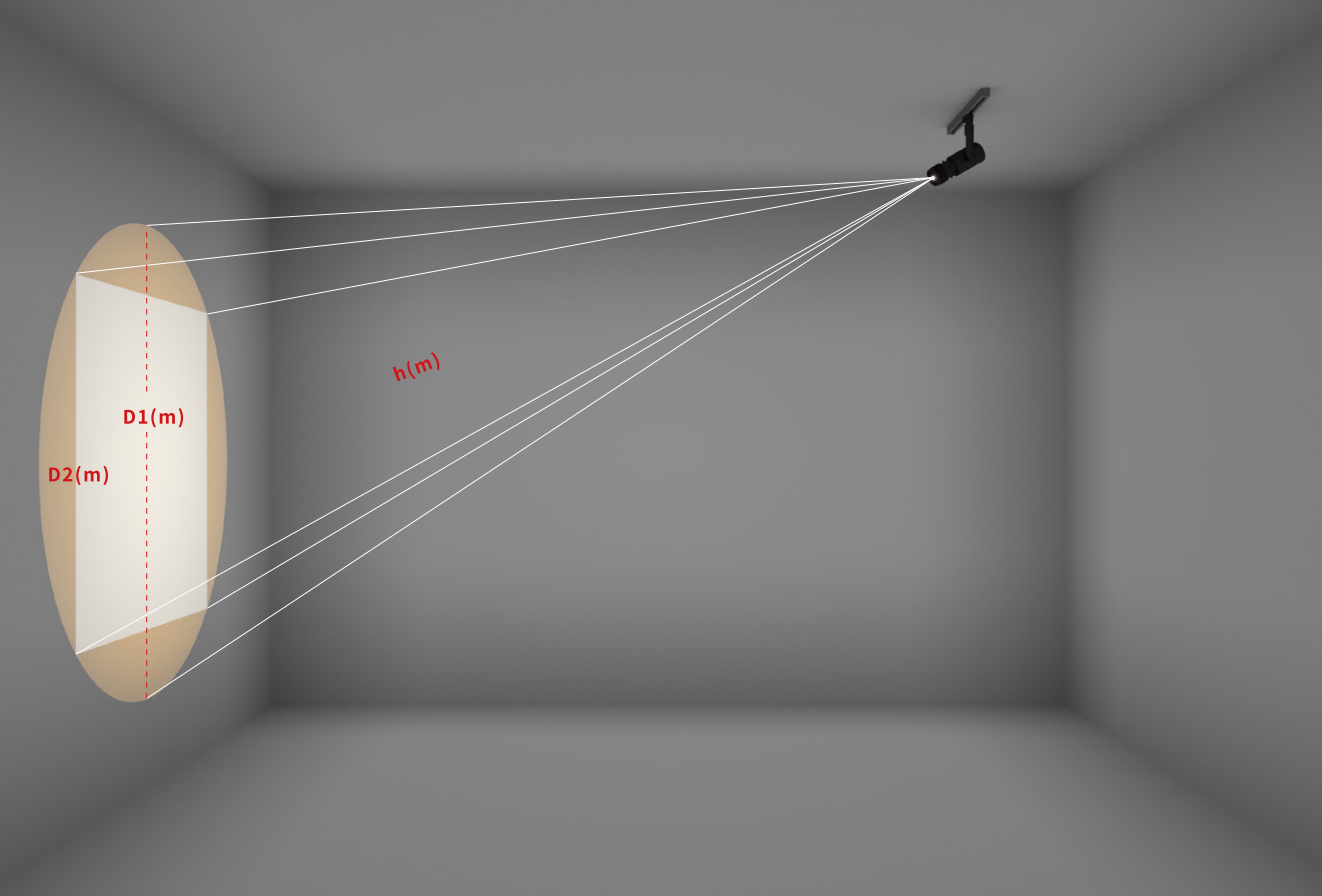
倍晟 King of Track Light BESUN Light Decay Report

The whole lamp permanent 24 hours non-stop aging, every 3,000 hours to extract data, the highest monitoring data has 100,000 hours, 30,000 hours within the original LM maintenance rate of more than 95%, 50,000 hours of the original lumen maintenance rate of more than 90%, power color rendering, color temperature and other parameters in 97% maintenance rate.

Test time: March 22, 2015
Test lamp: 30W track light
Driver current: 700 mA
Ambient temperature: 30-45 degrees
Test light source: BS-1312

Time (h)	Power (W)	PF	Color temperature(K)	Color rendering	Lumen (LM)	X-coordinate	Y-coordinate	Lumen maintenance rate
0	32.60	0.98	3012	89.9	3420	0.4350	0.4113	100%
3000	32.45	0.96	3031	90.0	3368	0.4337	0.4112	98.5%
6000	32.45	0.96	3030	90.0	3324	0.4340	0.4114	97.2%
9000	32.35	0.96	3029	90.0	3330	0.4339	0.4111	97.4%
12000	32.43	0.96	3034	90.0	3342	0.4332	0.4100	97.7%
15000	32.51	0.96	3023	90.0	3255	0.4340	0.4107	95.2%
18000	32.38	0.96	3031	90.1	3217	0.4338	0.4107	94.1%
21000	32.27	0.96	3037	90.1	3213	0.4330	0.4112	93.9%
24000	32.37	0.96	3029	90.0	3204	0.4329	0.4112	93.7%
27000	32.29	0.96	3043	89.9	3228	0.4328	0.4113	94.4%
30000	32.37	0.96	3047	89.8	3339	0.4326	0.4114	97.6%
33000	32.35	0.96	3041	89.9	3243	0.4329	0.4108	94.8%
36000	32.23	0.96	3036	90.0	3233	0.4332	0.4108	94.5%
39000	32.40	0.99	3036	90.0	3224	0.4330	0.4107	94.3%
42000	32.50	0.99	3039	90.0	3199	0.4334	0.4106	93.5%
45000	32.45	0.96	3039	90.1	3180	0.4331	0.4106	93.0%
48000	32.20	0.97	3045	90.0	3130	0.4339	0.4105	91.5%





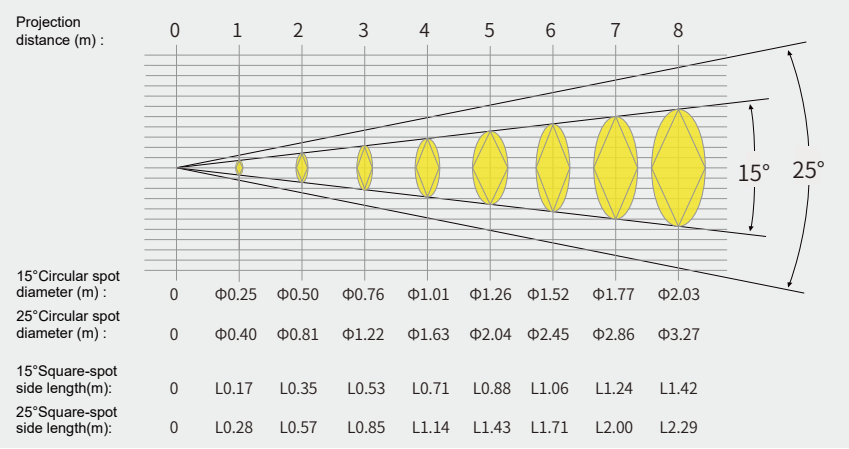
倍晟 **BESUN**[®]
King of Track Light - Full-Scene
Distributed Module

h: Irradiation distance between light spot and lamp

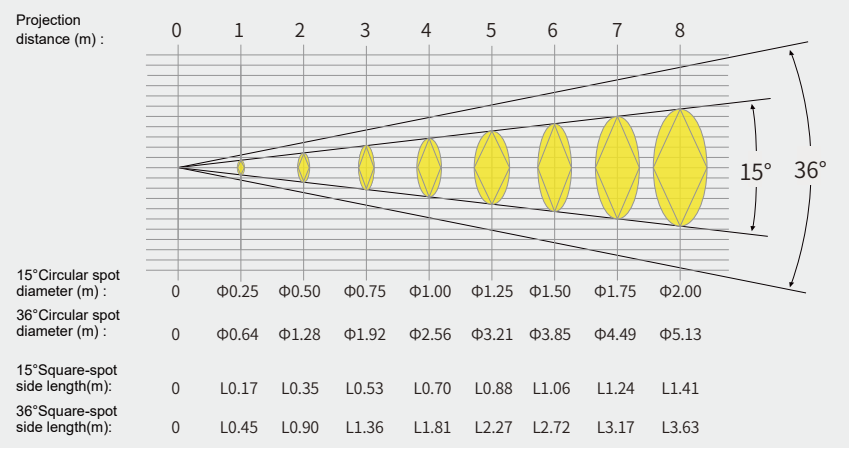
D1: Circular spot diameter

D2: Square spot side length

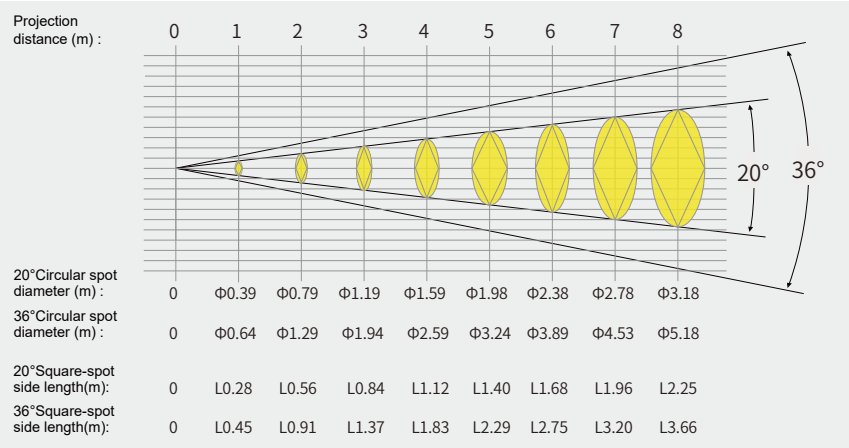
Zoom range
15°-25° frame size 1:0.25-0.40
Power(W)
10W
20W
30W
40W



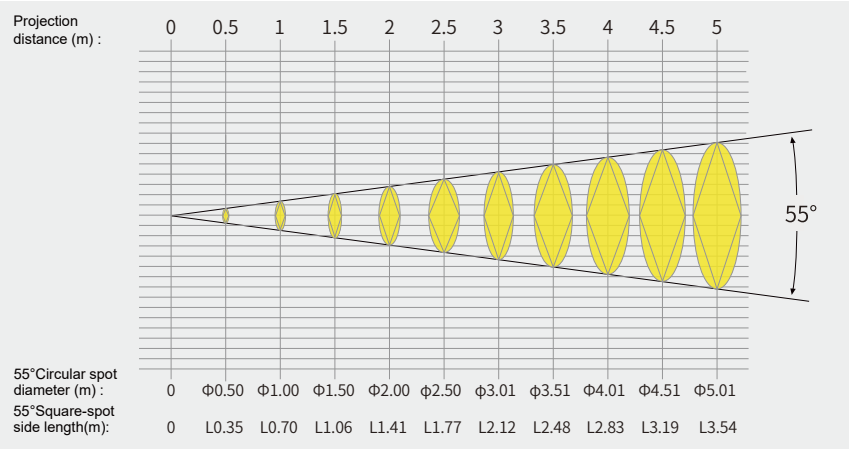
Zoom range
15°-36° frame size 1:0.25-0.64
Power(W)
10W
20W
30W
40W



Zoom range
20°-36° frame size 1:0.39-0.64
Power(W)
10W
20W
30W
40W



Zoom range
55° frame size 1:1
Power(W)
10W
20W
30W
40W





BESUN 倍晟[®]
DQ series shapeable track light

DQ zoom shapeable track light. Frame size 1:0.65

From the spiritual level, human metaphors and pursuits for light appear countless times in those great paintings, pieces of literature, film, television, and sculpture. They become the precious spiritual wealth of mankind. If light can be used to tell a story, then the only limitation is the imagination of the storyteller himself.



DQ zoom shapeable track light. Frame size 1:0.65

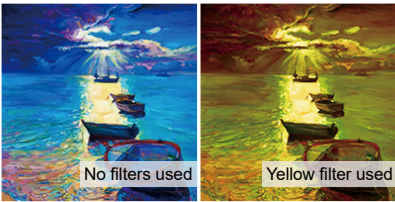


Industrial Grade Optical Filters

It can match a variety of industrial-grade optical filters and support the customization of special narrowband and ultra narrowband optical filters. Some filter functions can be superimposed, such as HD UV+color filter, HD UV+soft filter, amongst others.

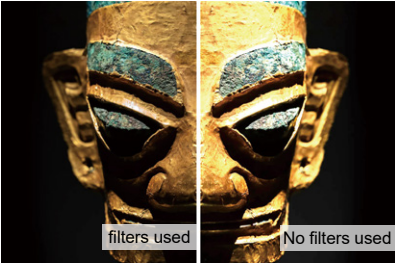


Color filter



The luminous color of the lamp can be adjusted according to your needs.

ND filter



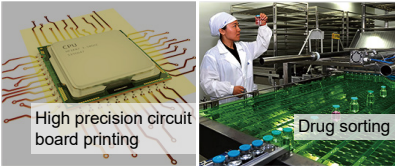
With electronic dimming, the small-angle illumination can be reduced to less than 75LUX, which is generally used for authentic lighting.

UV filter



It can effectively filter UV rays in LED lamps and lanterns, thus protecting the illuminated object. It delivers superior performance in silk products lighting and cultural relics lighting.

Other filter



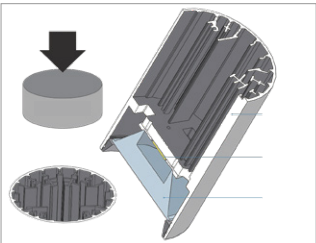
Various filters in special bands can be customized according to your actual needs. They can be used in various unique places, such as wafer cutting, high-precision circuit board printing, and drug sorting.



① Cold forging integrated radiator design

A radiator made of 1070#pure aluminum and molded by molding pressure. It has high thermal conductivity, low-temperature differences, low light failure, and long service life.

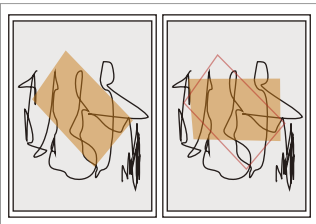
Thermal conductivity 226W/m.K



② 360° manual rotation design

Loosen the manual screw and turn the lens to achieve the 360°spot rotation adjustment function.

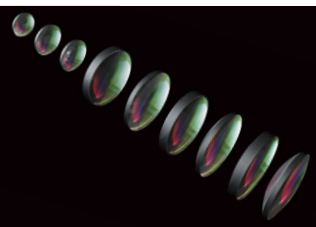
A device to solve the 360° rotation of the projection and light spot.



③ High-definition optical lens design

It is formed by a plurality of high-definition coated optical lenses. The whole lamp has the characteristics of high luminous efficiency, high spot uniformity, minor distortion, extensive linear zoom range, good spot cut-off line, etc..

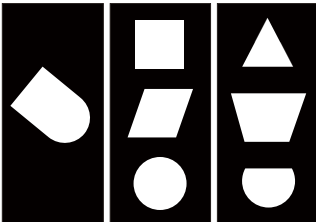
A new optical path specially designed for COB light sources.



④ Optical-grade variable aperture design

An optical diaphragm made of high-precision special material with no blurring and freezing.

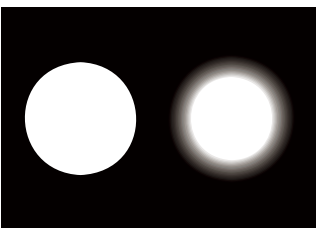
Manual insertion and removal of the light cutting device can freely change the shape of the spot.



⑤ Multi-layer dry damping design

The invention is a focusing device not requiring the application of lubricating oil and has a silky feel. It is stable, reliable, wear-resistant, resistant to high temperatures, and does not wear off after extended use.

Rotating the device can change the sharpness of the spot.



⑥ Bidirectional stepless linear zoom design

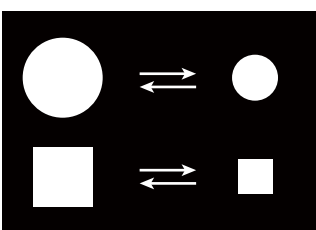
Short stroke, considerable focal length, high short-focus and long-focus recognition, visible to the naked eye, linear zoom is enhanced and more convenient.

Rotate the device to adjust the spot size.



Maximum angle

Minimum angle



⑦ VIP exclusive custom collar

Support VIP exclusive collar customization. The color can be customized according to customer preferences.

Available in Chinese red, crystal blue, dark night black, and ivory white.



Chinese red



Crystal blue



Dark night black



Ivory white

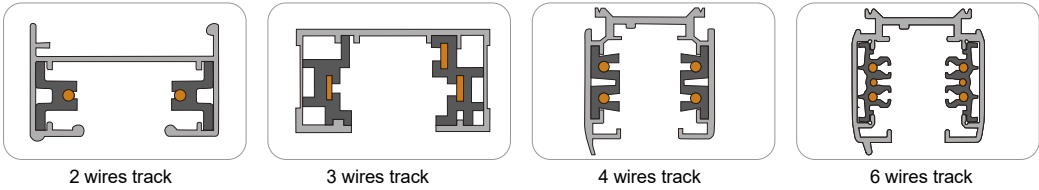
DQ series shapeable track light



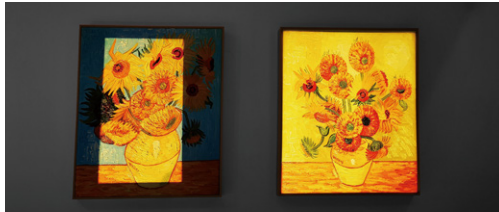
DQ series shapeable light is a multi-functional product integrating light shape, zoom, projection and intelligent control. It is a product with completely independent intellectual property rights and global patents, which can adjust the shape, size and sharpness of the spot; the shape of the spot can be adjusted arbitrarily by blocking the light for imaging.



Track Support



Installation effect



Spot effect



DIP color temperature coupled with the single lamp knob dimming design can easily achieve single lamp dimming, spot shaping and color temperature adjustment. It can be used alone or can alternatively be equipped with other dimming devices.

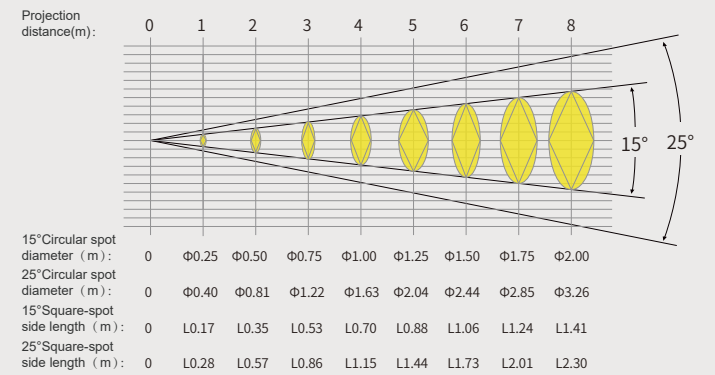
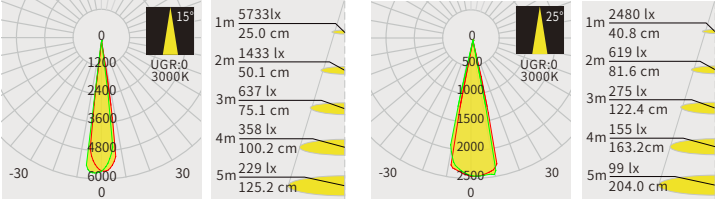


Control support



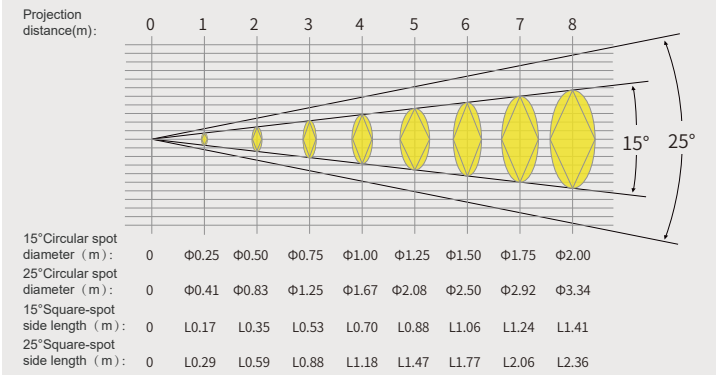
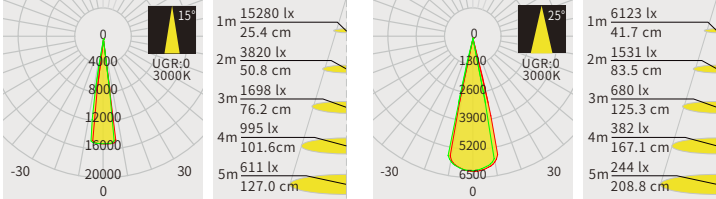
Support 1-10V, DMX, DALI, ZIGBEE, and other mainstream control. Can also be connected with Tuya, Amazon, Google, and other smart AI control systems.

T1008S-4525SE



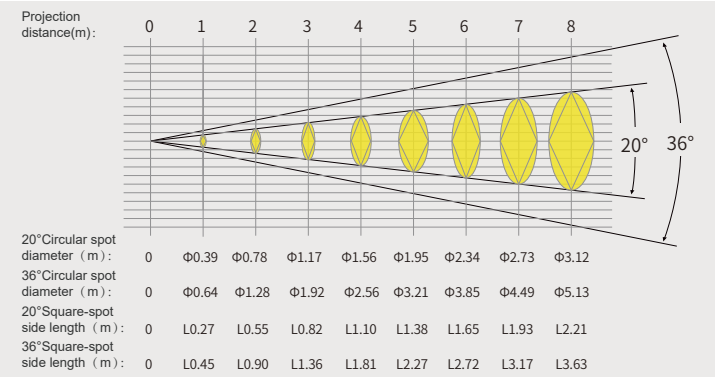
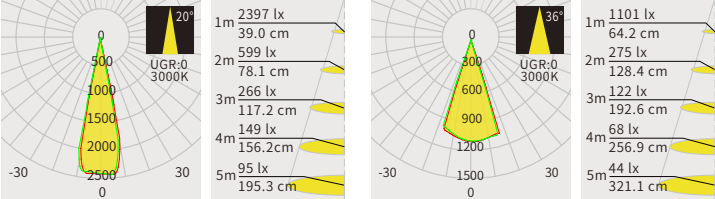
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T1008S-4525SE	10W	300~350LM	Ra≥97	2700K/3000K/4000K	15°~25°	8pcs	≤1.5 %	0.2/65%	Support	0.68Kg	Black/white

T2008S-7525SE



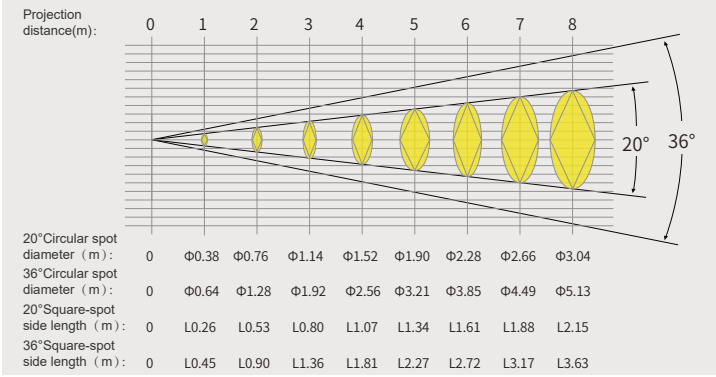
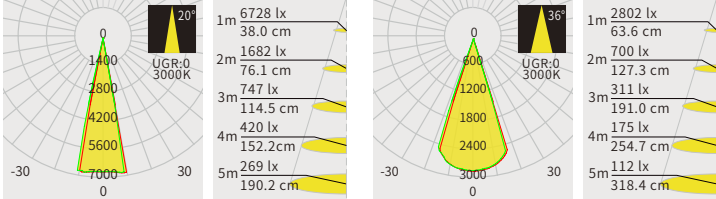
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T2008S-7525SE	20W	900~950LM	Ra≥97	2700K/3000K/4000K	15°~25°	8pcs	≤1.5 %	0.2/65%	Support	1.43Kg	Black/white

T1008S-4536SE



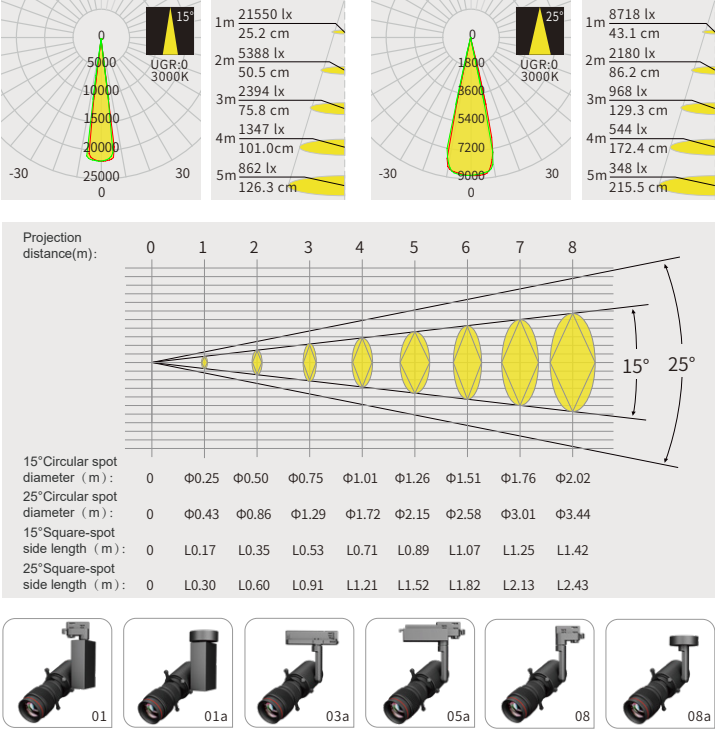
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T1008S-7536SE	10W	300~350LM	Ra≥97	2700K/3000K/4000K	20°~36°	10pcs	≤1.8 %	0.2/65%	Support	0.68Kg	Black/white

T2008S-7536SE



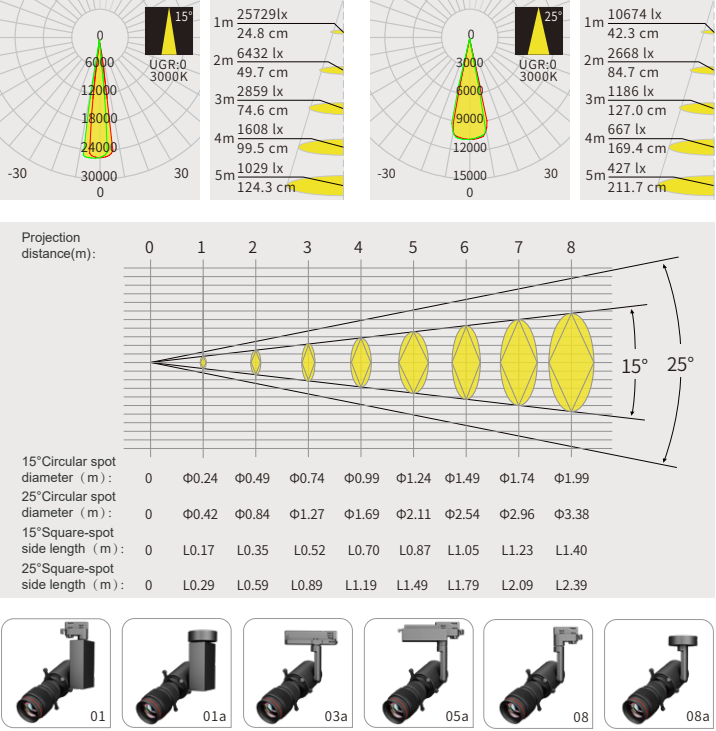
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T2008S-7536SE	20W	900~950LM	Ra≥97	2700K/3000K/4000K	20°~36°	10pcs	≤1.8 %	0.2/65%	Support	1.43Kg	Black/white

T3008S-7525SE



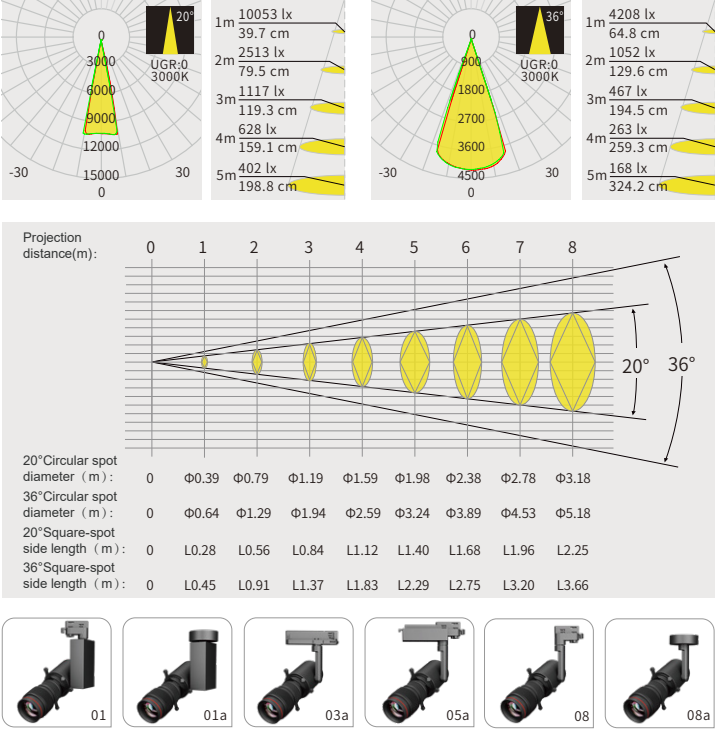
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T3008S-7525SE	28W	1100~1300LM	Ra≥97	2700K/3000K/4000K	15°~25°	8pcs	≤1.5 %	0.2/65%	Support	1.58Kg	Black/white

T4008S-7525SE



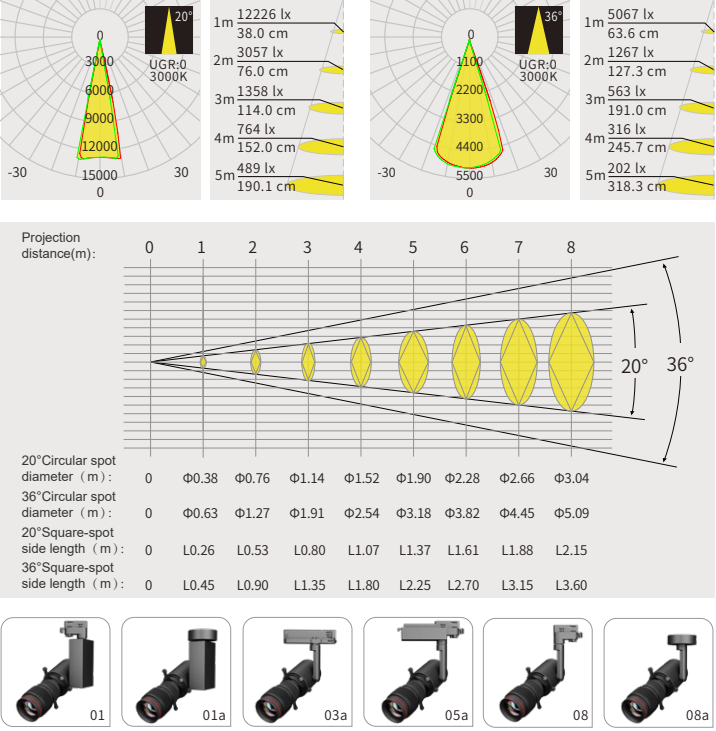
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T4008S-7525SE	37W	1400~1550LM	Ra≥97	2700K/3000K/4000K	15°~25°	8pcs	≤1.5 %	0.2/65%	Support	1.67Kg	Black/white

T3008S-7536SE



Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T3008S-7536SE	28W	1100~1300LM	Ra≥97	2700K/3000K/4000K	20°~36°	10pcs	≤1.8 %	0.2/65%	Support	1.58Kg	Black/white

T4008S-7536SE



Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T4008S-7536SE	37W	1400~1550LM	Ra≥97	2700K/3000K/4000K	20°~36°	10pcs	≤1.8 %	0.2/65%	Support	1.67Kg	Black/white



BESUN 倍晟®
XQ series shapeable track light

**No blue edge, no distortion,
wide-angle spot shaping.
Frame Size 1:1**

We tend to think of round things as natural, organic, fluid, and soft, while square or angular things as technical, rational, digital, and hard. Light, especially straightforward light, reveals the material composition and surface state of matter and conveys the object's color, shape, and other information. Now, let's consider the shape of the illuminated space, the arrangement of objects, and their position with the space in terms of the dimensions of the square and circle.

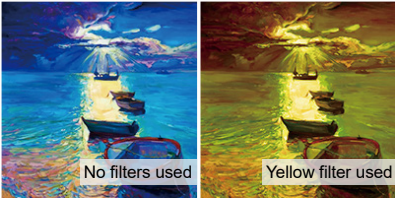
XQ fixed-focus shapeable track light. Frame size 1:1



Industrial Grade Optical Filters

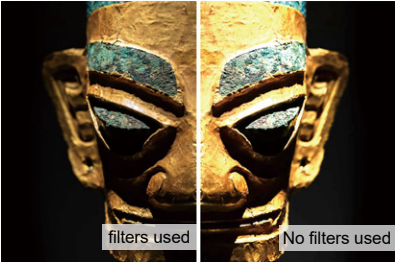
It can match a variety of industrial-grade optical filters and support the customization of special narrowband and ultra narrowband optical filters. Some filter functions can be superimposed, such as HD UV+color filter, HD UV+soft filter, amongst others.

Color filter



The luminous color of the lamp can be adjusted according to your needs.

ND filter



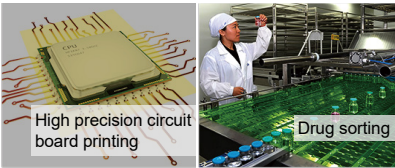
With electronic dimming, the small-angle illumination can be reduced to less than 75LUX, which is generally used for authentic lighting.

UV filter



It can effectively filter UV rays in LED lamps and lanterns, thus protecting the illuminated object. It delivers superior performance in silk products lighting and cultural relics lighting.

Other filter



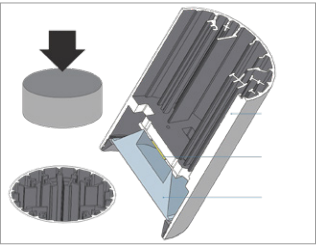
Various filters in special bands can be customized according to your actual needs. They can be used in various unique places, such as wafer cutting, high-precision circuit board printing, and drug sorting.

1

Cold forging integrated radiator design

A radiator made of 1070#pure aluminum and molded by molding pressure. It has high thermal conductivity, low-temperature differences, low light failure, and long service life.

Thermal conductivity 226W/m.K

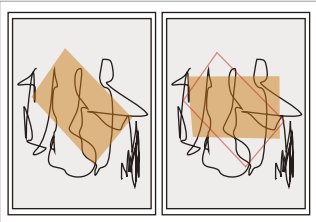


2

360° manual rotation design

Loosen the manual screw and turn the lens to achieve the 360°spot rotation adjustment function.

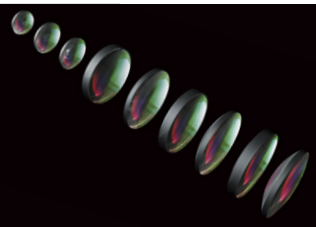
Device to solve the 360° rotation of the projection and light spot.



3

High-definition optical lens design

It is formed by a plurality of high-definition coated optical lenses. The whole lamp has the characteristics of high luminous efficiency, high spot uniformity, minor distortion, extensive linear zoom range, good spot cut-off line, etc..
A new optical path specially designed for COB light sources.

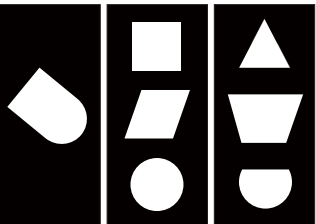


4

Optical-grade variable aperture design

An optical diaphragm made of high-precision special material with no blurring and freezing.

Manual insertion and removal of the light cutting device can freely change the shape of the spot.



5

Bidirectional stepless linear zoom design

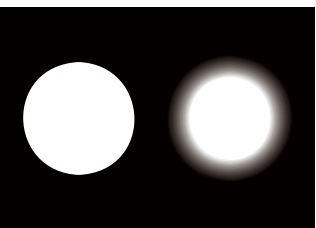
Short stroke, considerable focal length, high short-focus and long-focus recognition, visible to the naked eye, linear zoom is enhanced and more convenient.

Rotating the device can change the sharpness of the spot.



contraction state

Tensile state



6

VIP exclusive custom collar

Support VIP exclusive collar customization. The color can be customized according to customer preferences.

Available in Chinese red, crystal blue, dark night black, and ivory white.



Chinese red



Crystal blue



Dark night black



Ivory white

XQ series shapeable track light



XQ series shapeable track light is very powerful. Any of its functions is close to perfection. 55° sizeable wide-angle, no distortion, no blue edge, no color difference. It supports 4K high-definition projection. Equipped with EF bayonet, it can easily switch 55°. Equipped with a 3D dimmable diaphragm, No blue edge, no distortion, wide-angle spot shaping. .



DIP color temperature coupled with the single lamp knob dimming design can easily achieve single lamp dimming, spot shaping and color temperature adjustment. It can be used alone or can alternatively be equipped with other dimming devices.

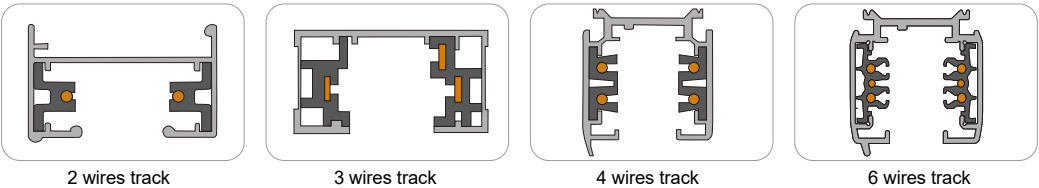


Control support

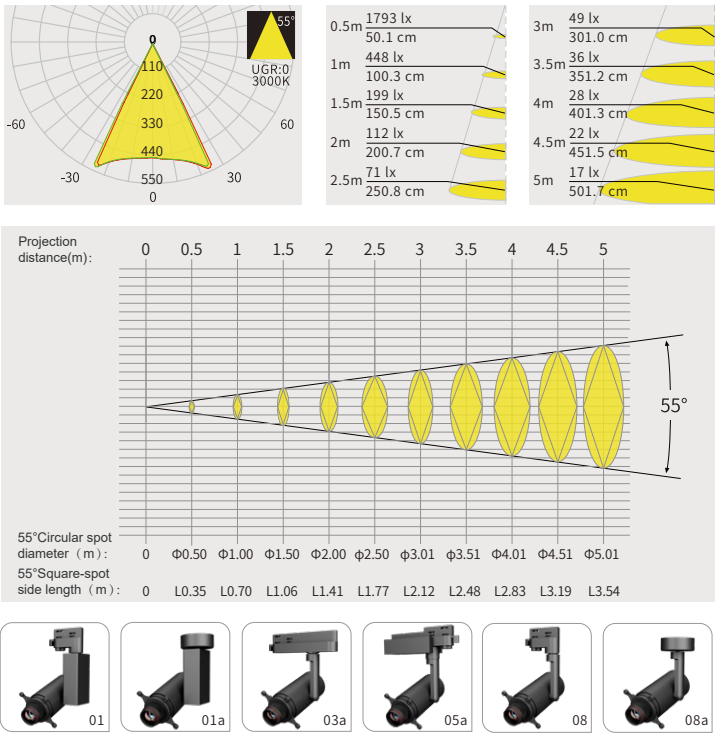


Support 1-10V, DMX, DALI, ZGEBI, and other mainstream control. Can also be connected with Huawei, Tuya, Xiaomi, Tmall Elf, Amazon, Google, and other smart AI control systems.

Track Support

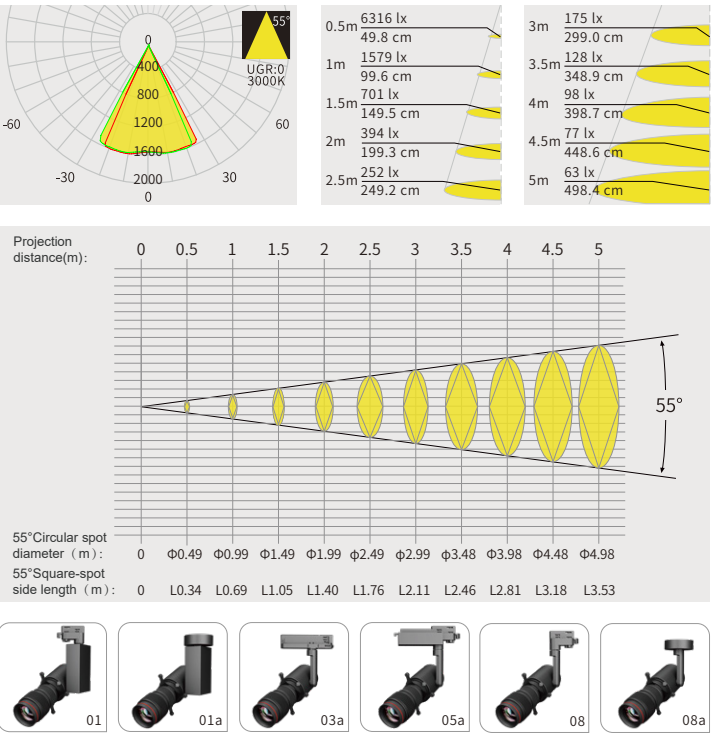


T1008I-4555



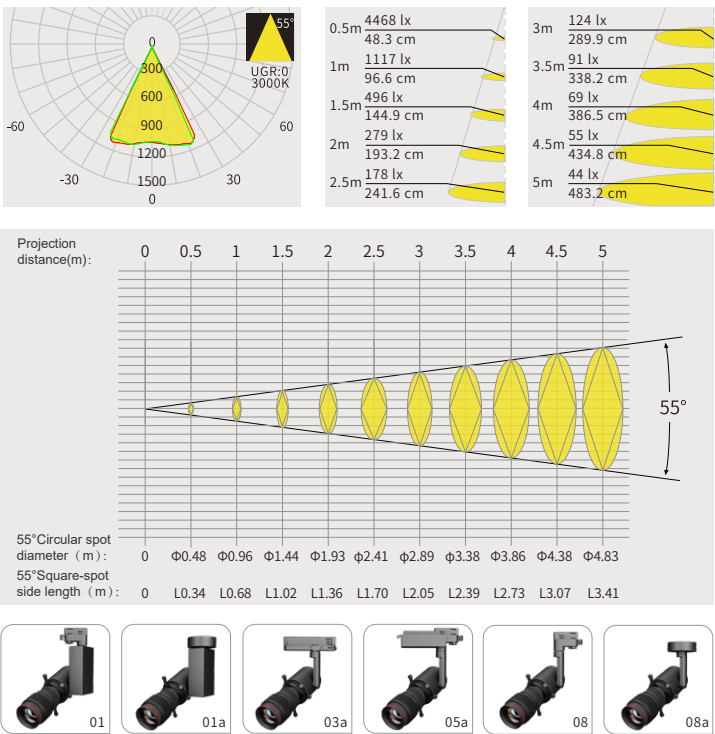
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T1008I-4555	10W	300~350LM	Ra≥97	2700K/3000K/4000K	55°	10pcs	≤0.6 %	0.01/1	nonsupport	0.67Kg	Black/white

T3008I-7555



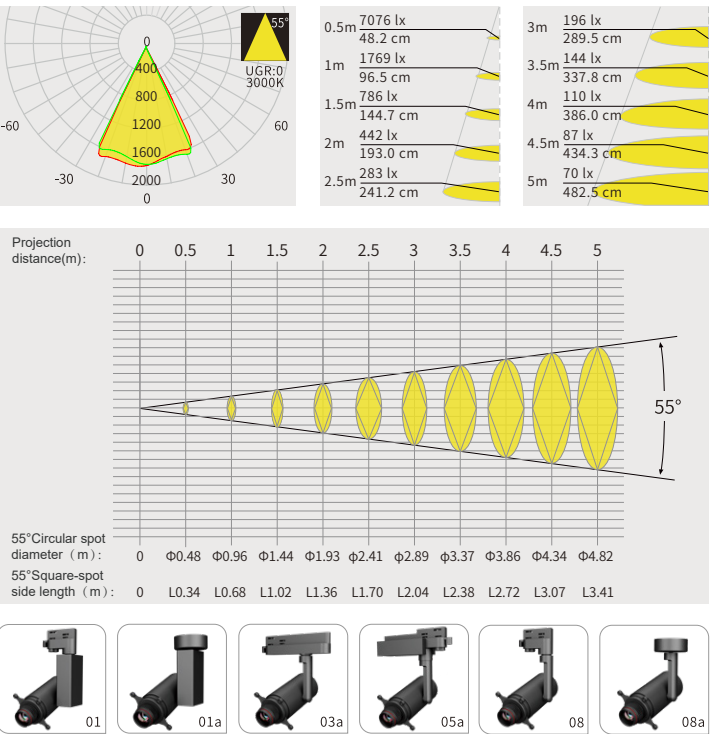
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T3008I-7555	28W	1100~1200LM	Ra≥97	2700K/3000K/4000K	55°	11pcs	≤0.34%	0.01/1	Support	1.56Kg	Black/white

T2008I-6055



Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T2008I-6055	20W	770~800LM	Ra≥97	2700K/3000K/4000K	55°	10pcs	≤0.5 %	0.01/1	Support	1.15Kg	Black/white

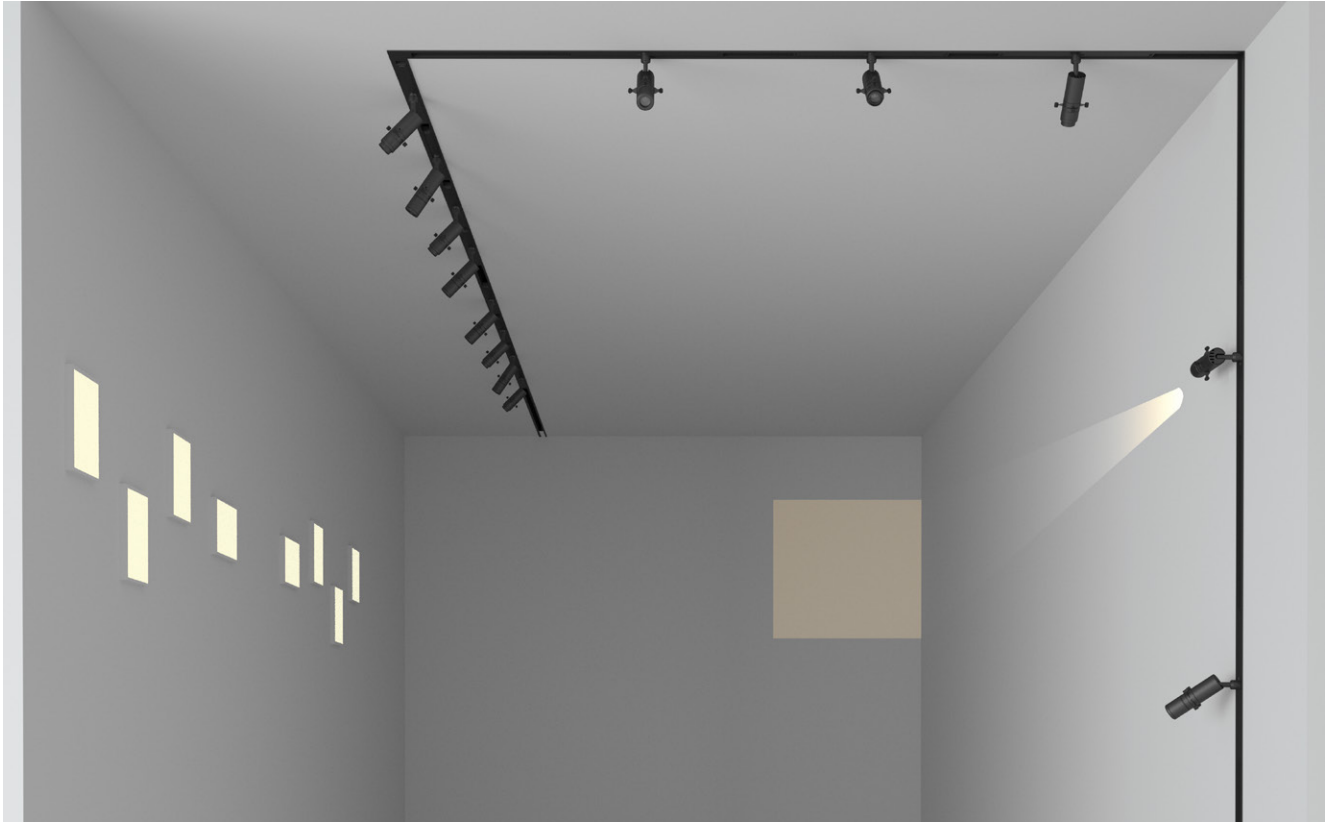
T4008I-7555



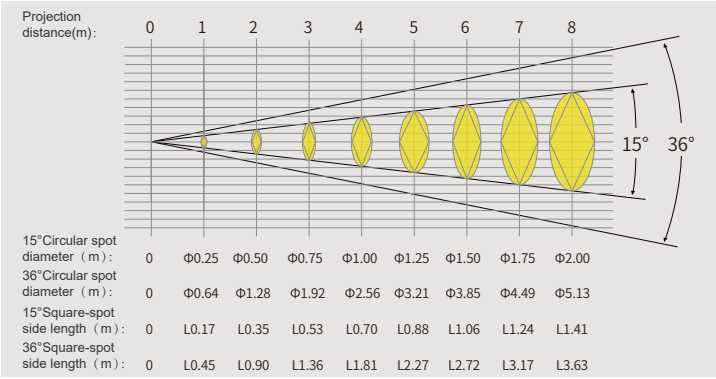
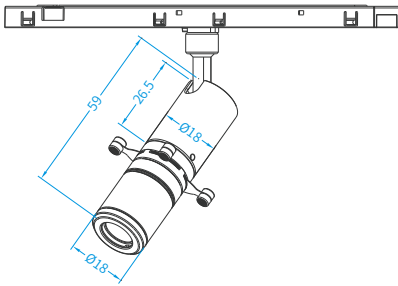
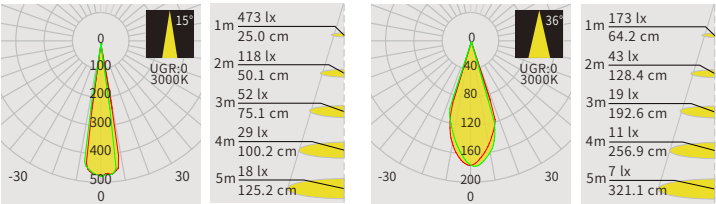
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T4008I-7555	37W	1350~1450LM	Ra≥97	2700K/3000K/4000K	55°	11pcs	≤0.34%	0.01/1	Support	1.65Kg	Black/white



KP series mini magnetic contour spotlight

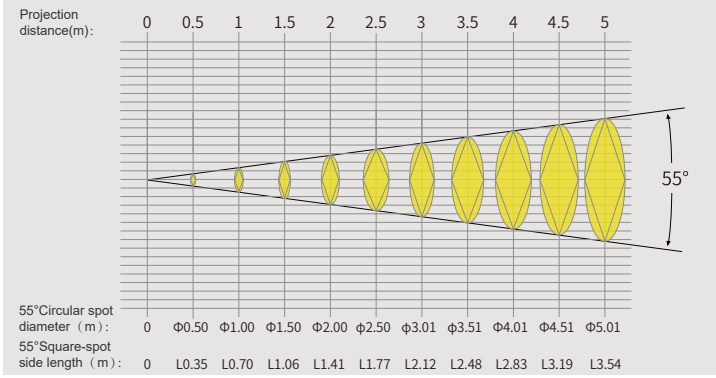
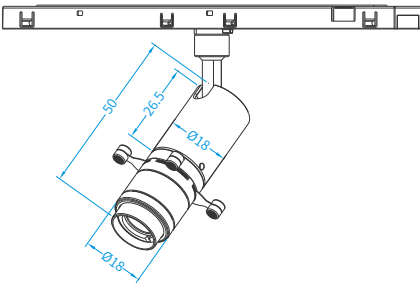
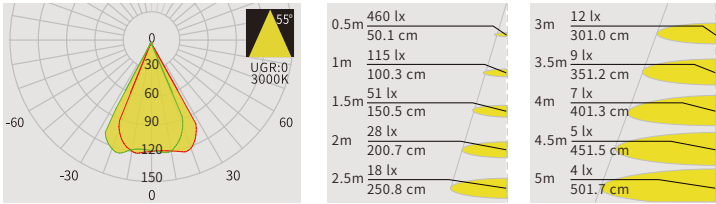


T0303K-1836B



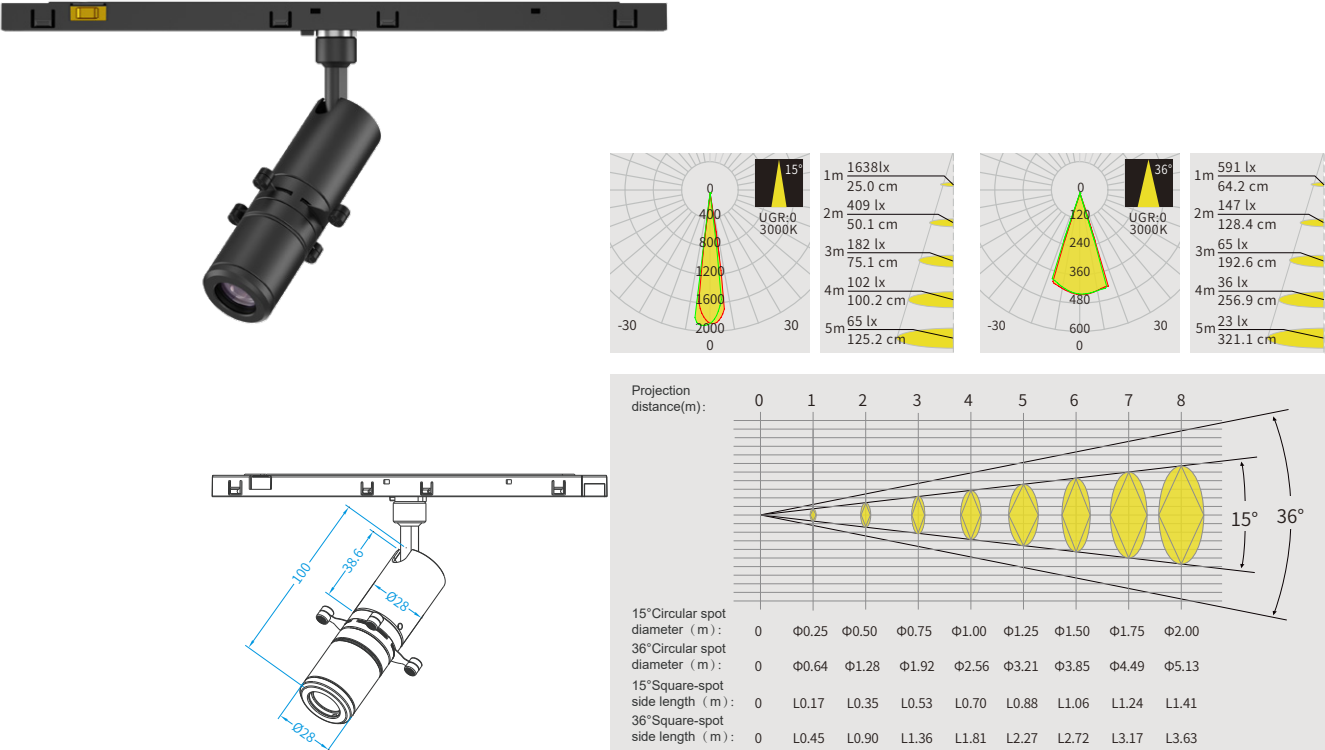
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T0303K-1836B	3W	35~45LM	Ra≥97	2700K/3000K/4000K	15°~36°	9pcs	≤0.25%	0.01/1	nonsupport	0.13Kg	Black/white

T0303K-1855



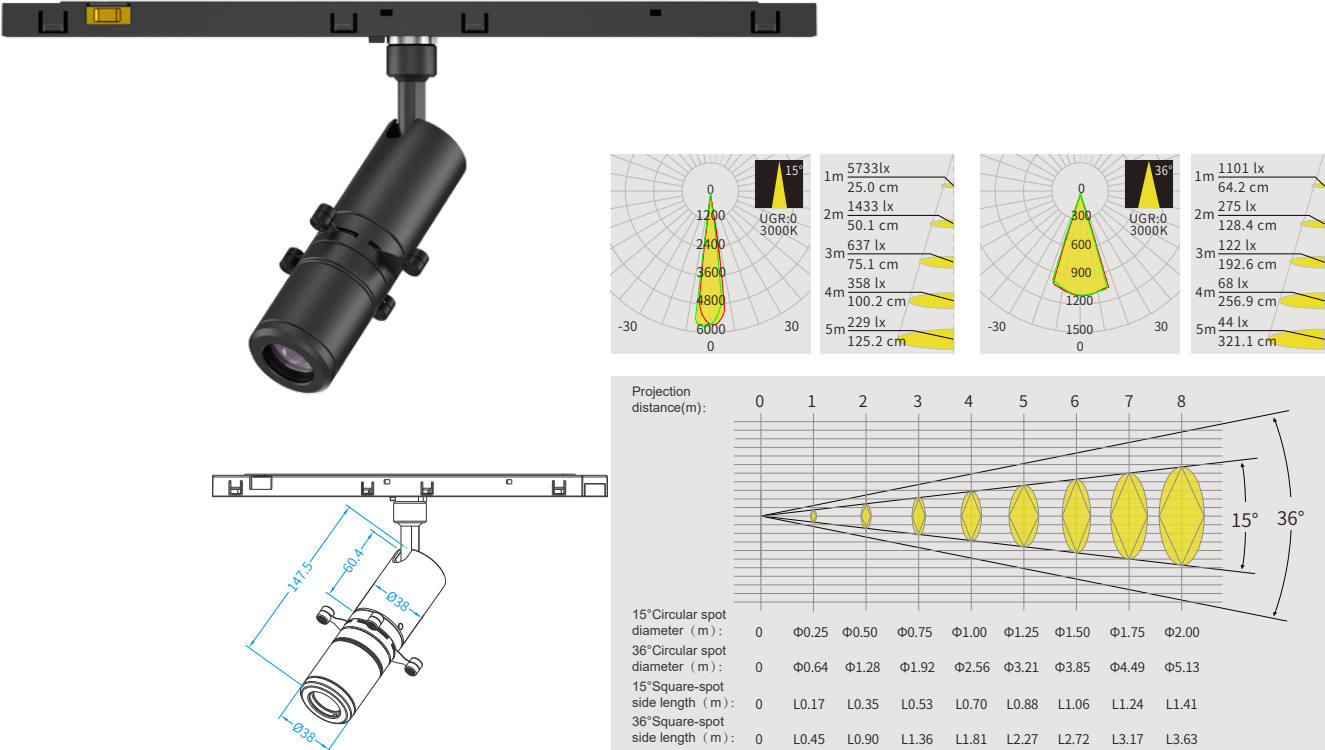
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T0303K-1855	3W	70~75LM	Ra≥97	2700K/3000K/4000K	55°	9pcs	≤0.4%	0.01/1	nonsupport	0.12Kg	Black/white

T0503K-2836B



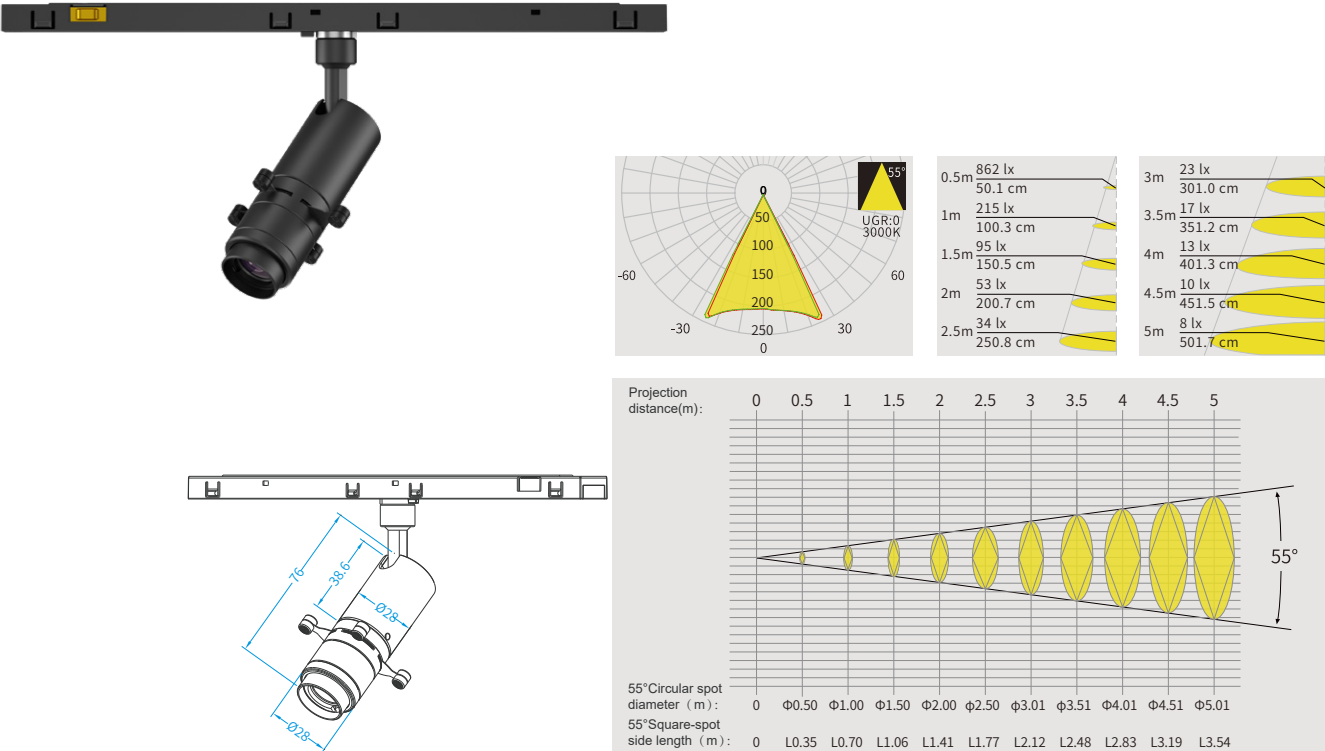
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T0503K-2836B	5W	100~140LM	Ra≥97	2700K/3000K/4000K	15°~36°	9pcs	≤0.2 %	0.01/1	nonsupport	0.21Kg	Black/white

T1003K-3836B



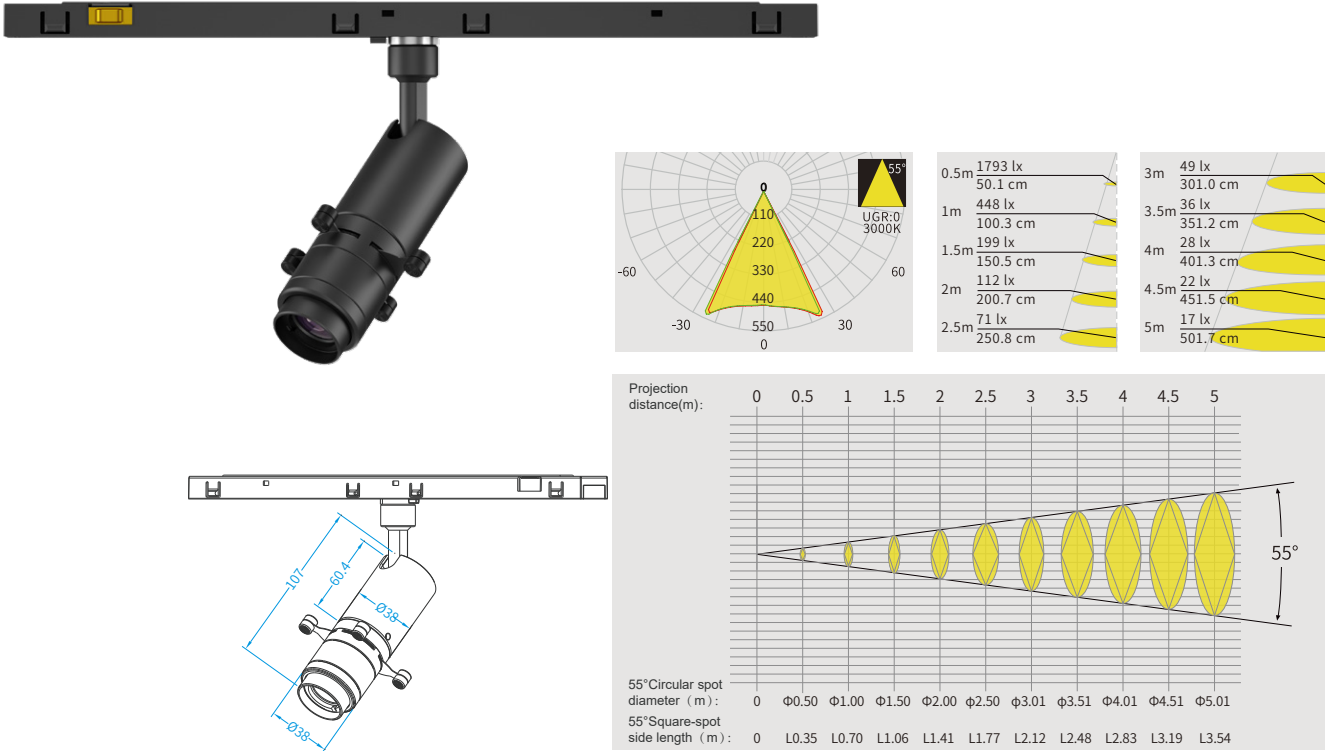
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T1003K-3836B	10W	300~350LM	Ra≥97	2700K/3000K/4000K	15°~36°	11pcs	≤0.6 %	0.01/1	nonsupport	0.36Kg	Black/white

T0503K-2855



Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T0503K-2855	5W	145~160LM	Ra≥97	2700K/3000K/4000K	55°	9pcs	≤0.6 %	0.01/1	nonsupport	0.19Kg	Black/white

T1003K-3855

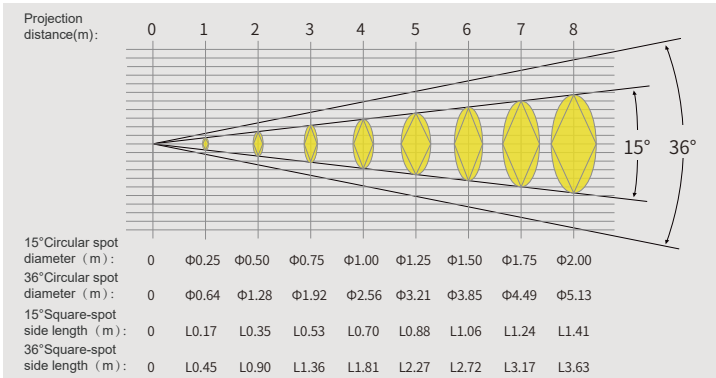
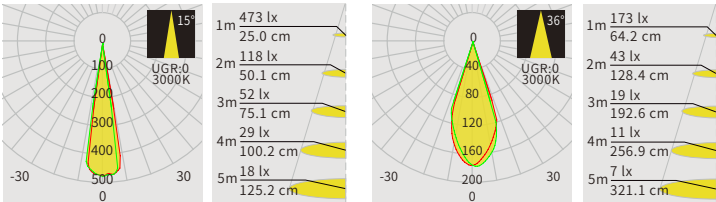
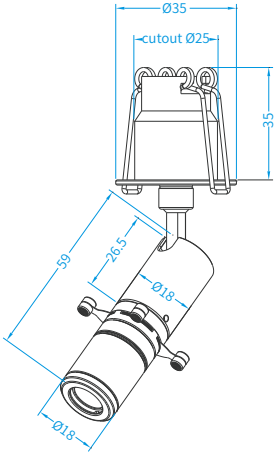


Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T1003K-3855	10W	300~350LM	Ra≥97	2700K/3000K/4000K	55°	10pcs	≤0.6 %	0.01/1	nonsupport	0.32Kg	Black/white

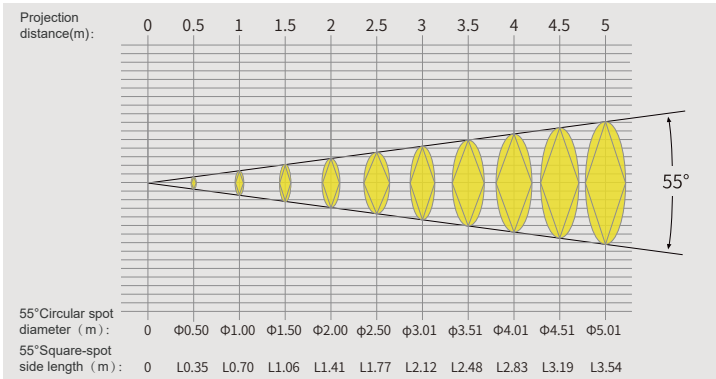
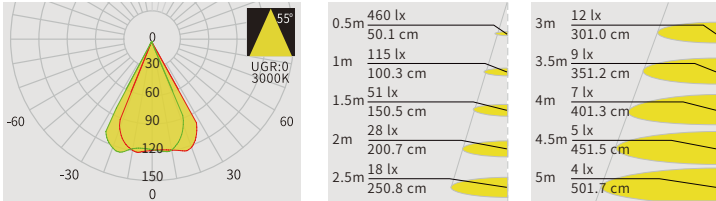
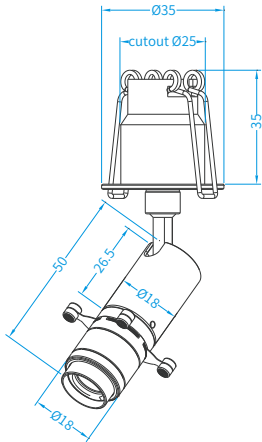
KP series mini embedded contour spotlight



D0325K-1836B

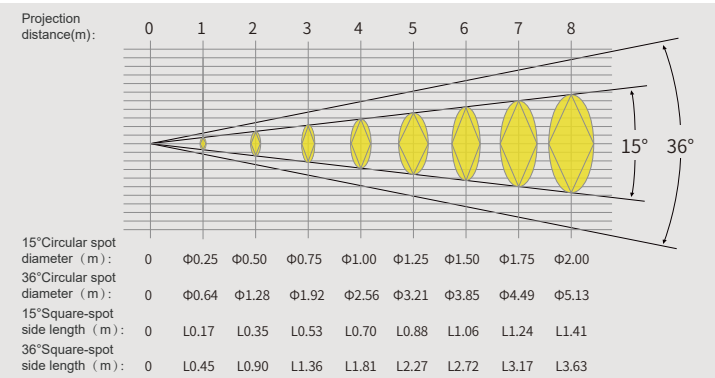
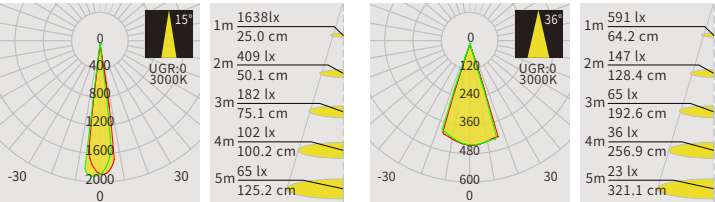
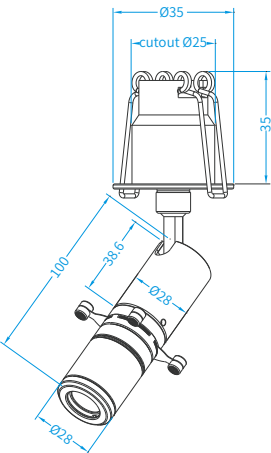


D0325K-1855



Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
D0325K-1855	3W	70~75LM	Ra≥97	2700K/3000K/4000K	55°	9pcs	≤0.4%	0.01/1	nonsupport	0.12Kg	Black/white

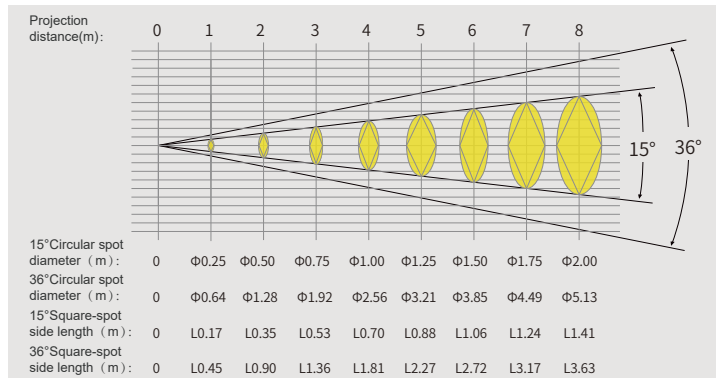
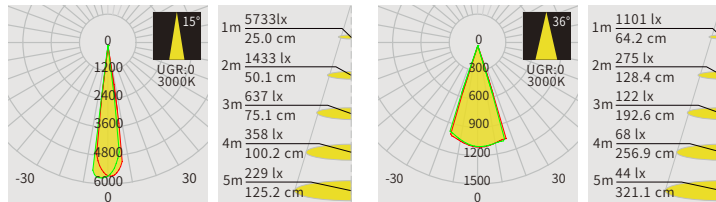
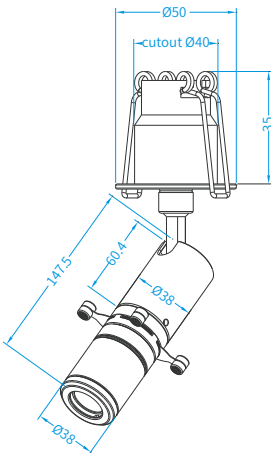
D0525K-2836B



Φ 25mm

Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
D0525K-2836B	5W	100~140LM	Ra≥97	2700K/3000K/4000K	15°~36°	9pcs	≤0.2 %	0.01/1	nonsupport	0.21Kg	Black/white

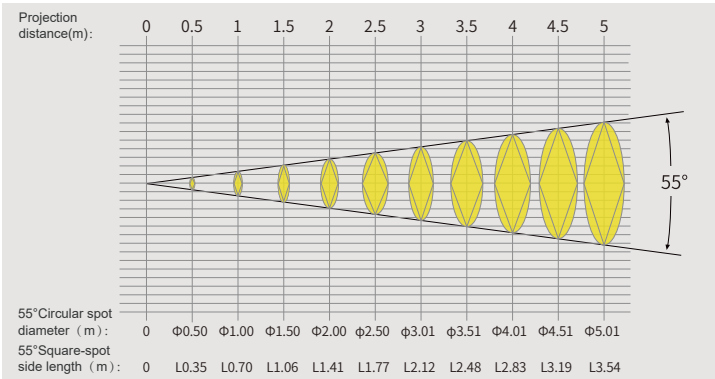
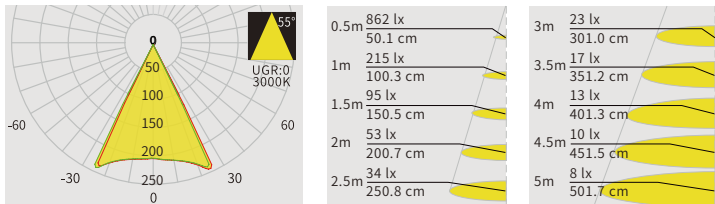
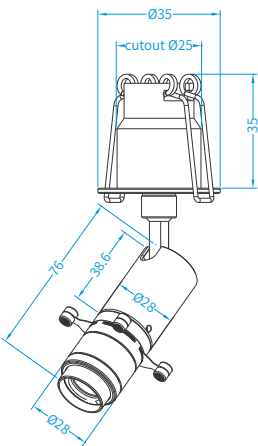
D1040K-3836B



Φ 40mm

Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
D1040K-3836B	10W	300~350LM	Ra≥97	2700K/3000K/4000K	15°~36°	11pcs	≤0.6 %	0.01/1	nonsupport	0.36Kg	Black/white

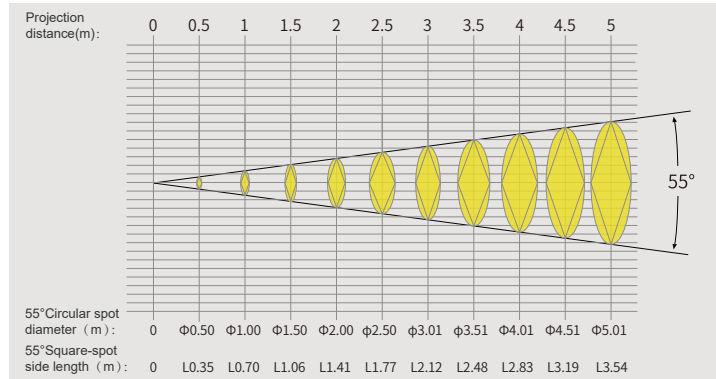
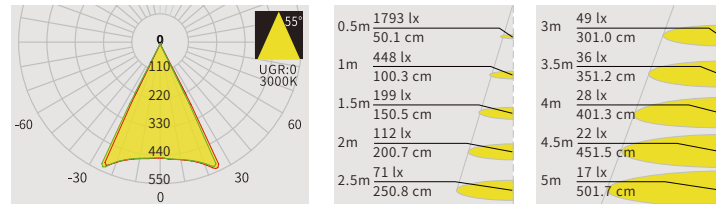
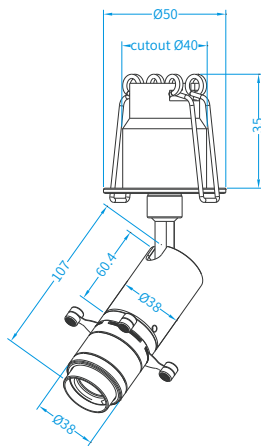
D0525K-2855



Φ 25mm

Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
D0525K-2855	5W	145~160LM	Ra≥97	2700K/3000K/4000K	55°	9pcs	≤0.6 %	0.01/1	nonsupport	0.19Kg	Black/white

D1040K-3855



Φ 40mm

Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
D1040K-3855	10W	300~350LM	Ra≥97	2700K/3000K/4000K	55°	10pcs	≤0.6 %	0.01/1	nonsupport	0.32Kg	Black/white

KP series magnetic contour spotlight



KP series Magnetic contour spotlight (M1003K) has equipped with our newly developed 55° fixed-focus wide-angle optical lens and 15~36 ° constant zoom optical lens, compatible with ϕ 38mm mini size radiator and magnetic track adapter. Ultra-small size, excellent performance.

- Ultra-high-definition projection.
- Millimeter-level precise Spot shaping, uniform illumination.
- Fixed-focus / zoom lens can be switched arbitrarily (It truly integrates fixed-focus optics and zoom optics mutually. Maximize the optical properties of fixed-focus and zoom lens).

Applications

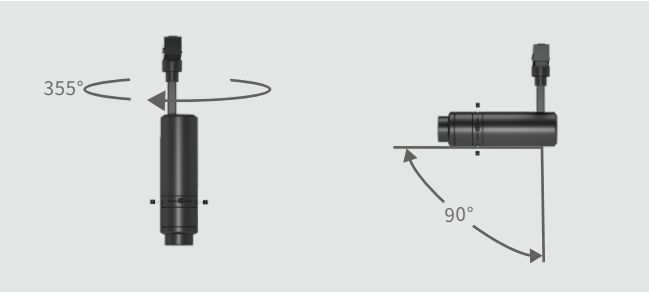
Museum, art gallery, home decoration, hotel, restaurant, machine vision lighting and other creative commercial lighting.

Dimming and CCT changing via Smart Control

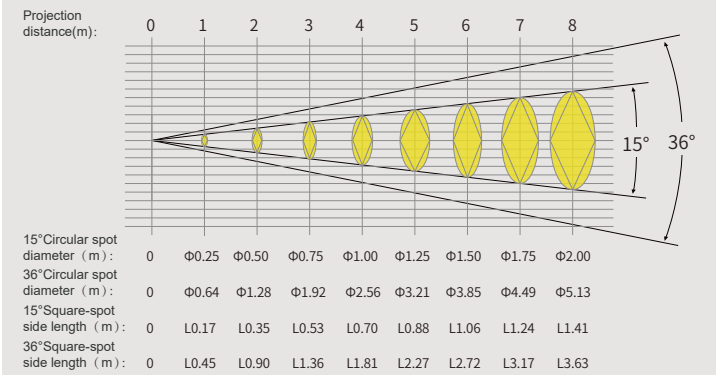
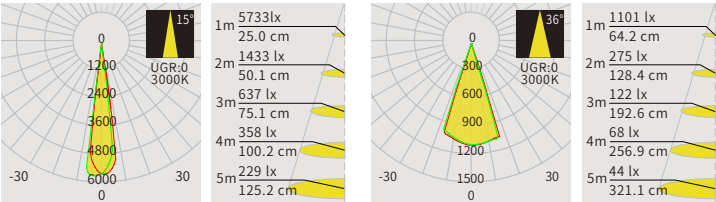
Single / tunnable white via MIJIA / TUYA Bluetooth / TMALL / TIGIDIGITAL / DALI / ORVIBO Zigbee / TUYA Zigbee / 1-10V dim, etc.



KP series magnetic contour spotlight has the features of flexible rotation and precisely projection, supporting vertical 90° rotation and horizontal 355° rotation. (As shown below)

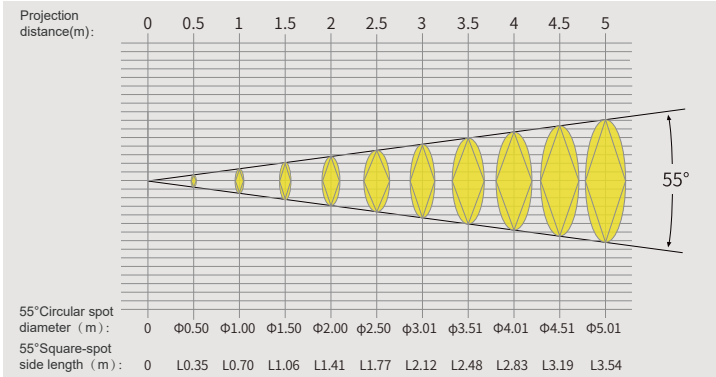
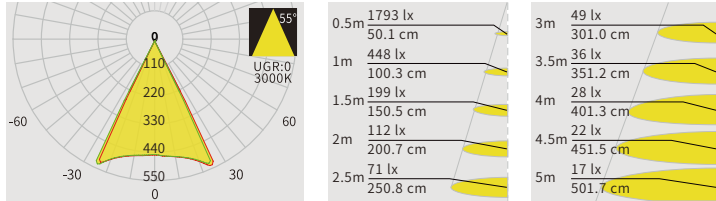


M1003K-3836B



Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
M1003K-3836B	10W	300~350LM	Ra≥97	2700K/3000K/4000K	15°~36°	11pcs	≤0.6 %	0.01/1	nonsupport	0.36Kg	Black/white

M1003K-3855



Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
M1003K-3855	10W	300~350LM	Ra≥97	2700K/3000K/4000K	55°	10pcs	≤0.6 %	0.01/1	nonsupport	0.32Kg	Black/white

KP series stretching embedded contour spotlight



KP series stretching embedded contour spotlight has equipped with our latest developed 55 ° fixed focus wide-angle optical lens and 15 ~ 36 ° constant zoom optical lens. compatible with φ 38mm mini size radiator and 70mm stretching embedded device. Ultra-small size, excellent performance.

- Ultra-high-definition projection.
- Millimeter-level precise Spot shaping, uniform illumination.
- Fixed-focus / zoom lens can be switched arbitrarily (It truly integrates fixed-focus optics and zoom optics mutually. Maximize the optical properties of fixed-focus and zoom lens).

Applications

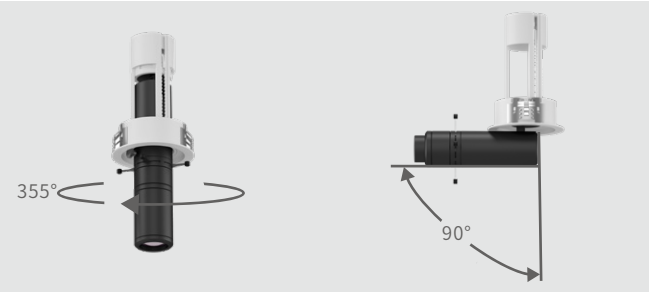
Museum, art gallery, home decoration, hotel, restaurant, machine vision lighting and other creative commercial lighting.

Dimming and CCT changing via Smart Control

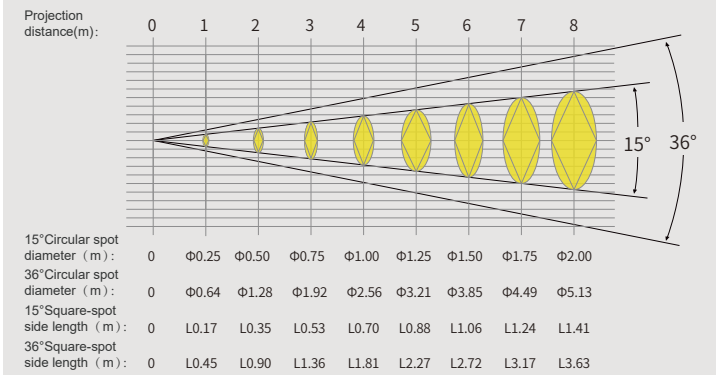
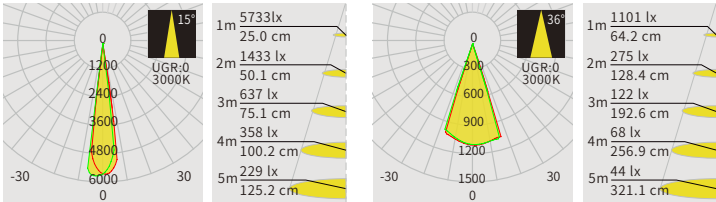
Single / tunnable white via MIJIA / TUYA Bluetooth / TMALL / TIGIDIGITAL / DALI / ORVIBO Zigbee / TUYA Zigbee / 1-10V dim, etc.



KP series stretching embedded contour spotlight has the features of flexible rotation and precisely projection, supporting vertical 90° rotation and horizontal 355° rotation. (As shown below)

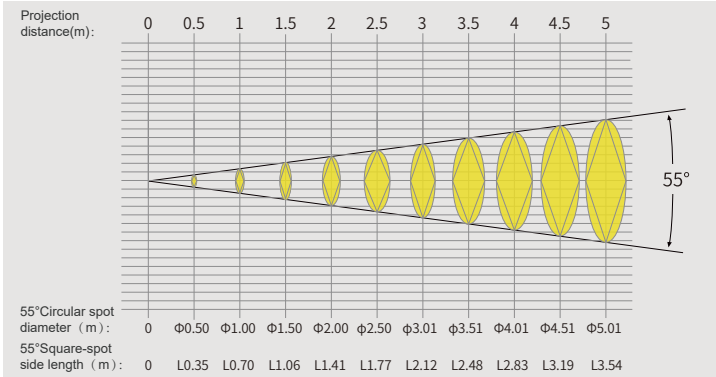
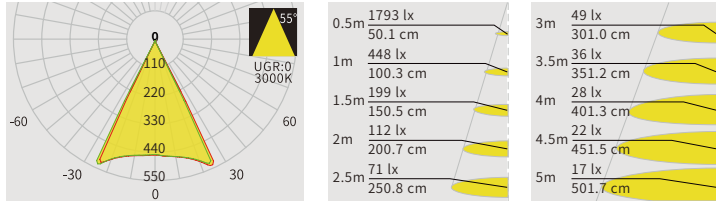
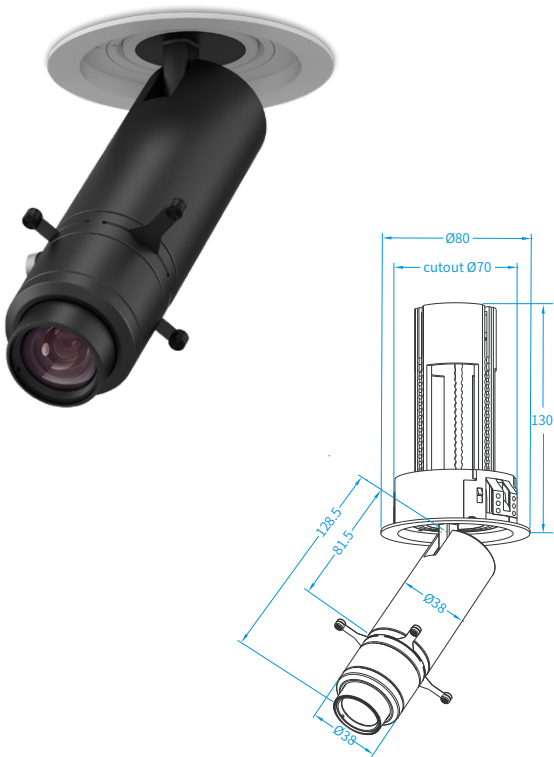


D1070K-3836B



Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
D1070K-3836B	10W	300~350LM	Ra≥97	2700K/3000K/4000K	15°~36°	11pcs	≤0.6 %	0.01/1	nonsupport	0.49Kg	Black/white

D1070K-3855



Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
D1070K-3855	10W	300~350LM	Ra≥97	2700K/3000K/4000K	55°	10pcs	≤0.6 %	0.01/1	nonsupport	0.42Kg	Black/white



KP series embedded contour gimbal light



BESUN 倍晨
 KP series Contour Spotlight
 (Gobo Projector)

KP series embedded contour gimbal light (G1075K , G2095K , G30125K) has equipped with our latest developed 55° fixed-focus wide-angle optical lens and 15 ~ 36 ° constant zoom optical lens. Compatible with φ 75mm , φ 95mm, φ 125mm cutout gimbal radiator, excellent performance.

- Ultra-high-definition projection.
- Millimeter-level precise Spot shaping, uniform illumination.
- Fixed-focus / zoom lens can be switched arbitrarily (It truly integrates fixed-focus optics and zoom optics mutually. Maximize the optical properties of fixed-focus and zoom lens).

Applications

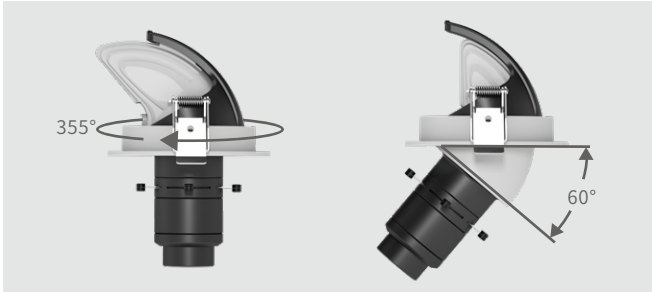
Museum, art gallery, home decoration, hotel, restaurant, machine vision lighting and other creative commercial lighting.

Dimming and CCT changing via Smart Control

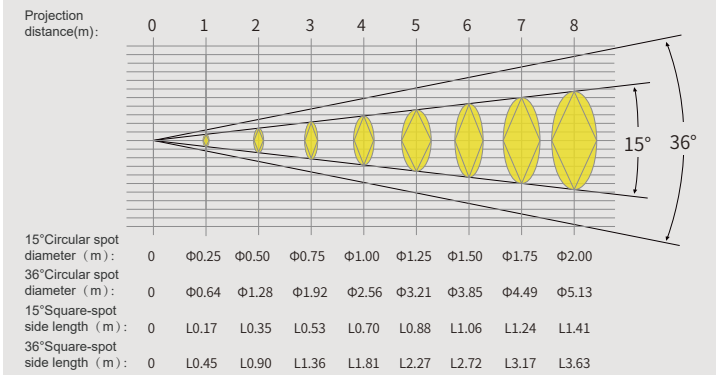
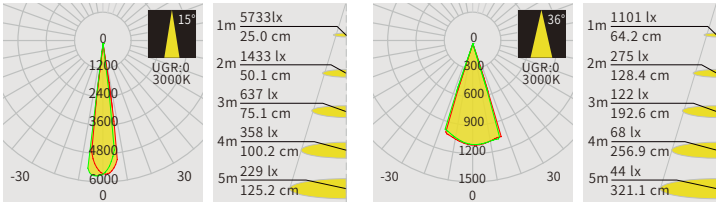
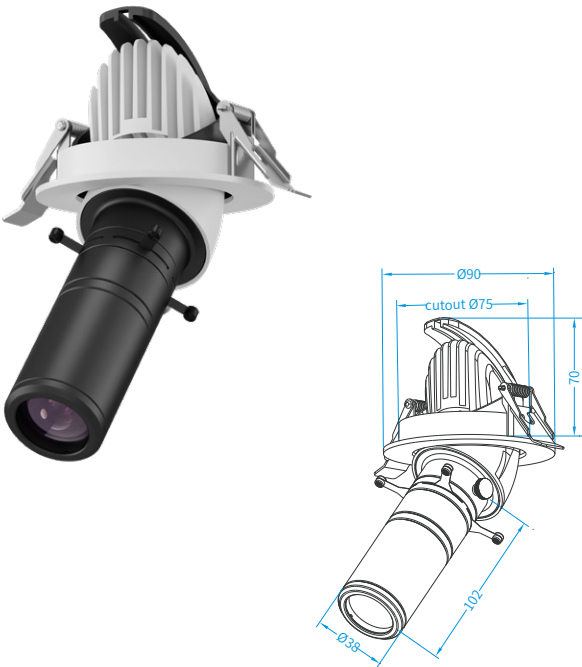
Single / tunnable white via MIJIA / TUYA Bluetooth / TMALL / TIGIDIGITAL / DALI / ORVIBO Zigbee / TUYA Zigbee / 1-10V dim, etc.



KP series embedded contour gimbal light has the features of flexible rotation and precisely projection, supporting vertical 60° rotation and horizontal 355° rotation. (As shown below)

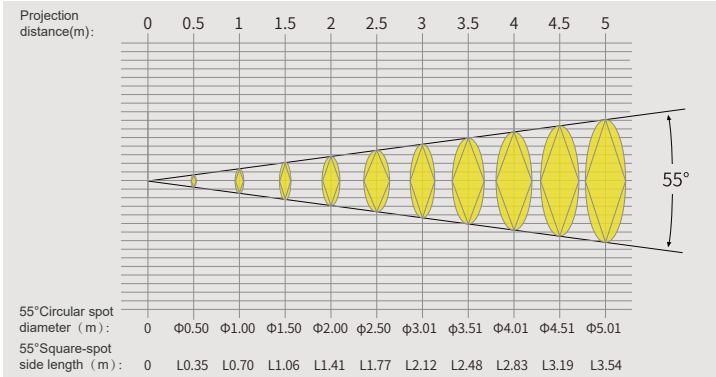
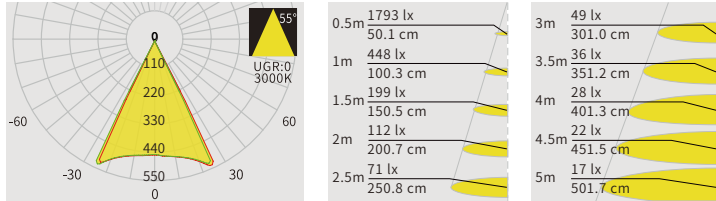
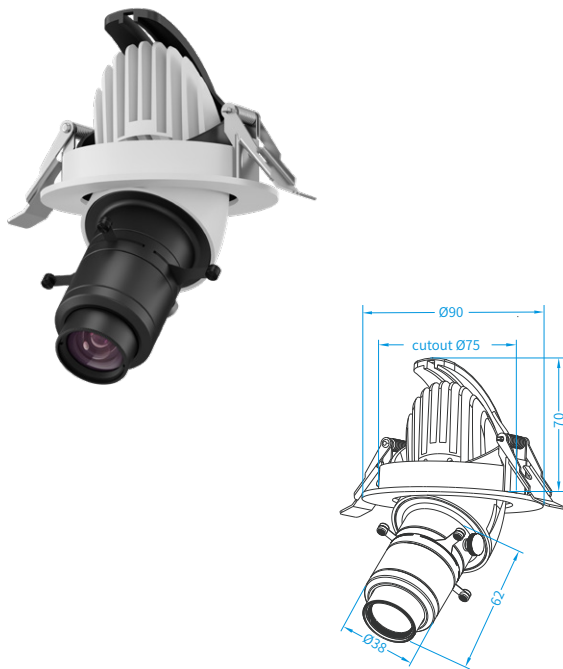


G1075K-3836B



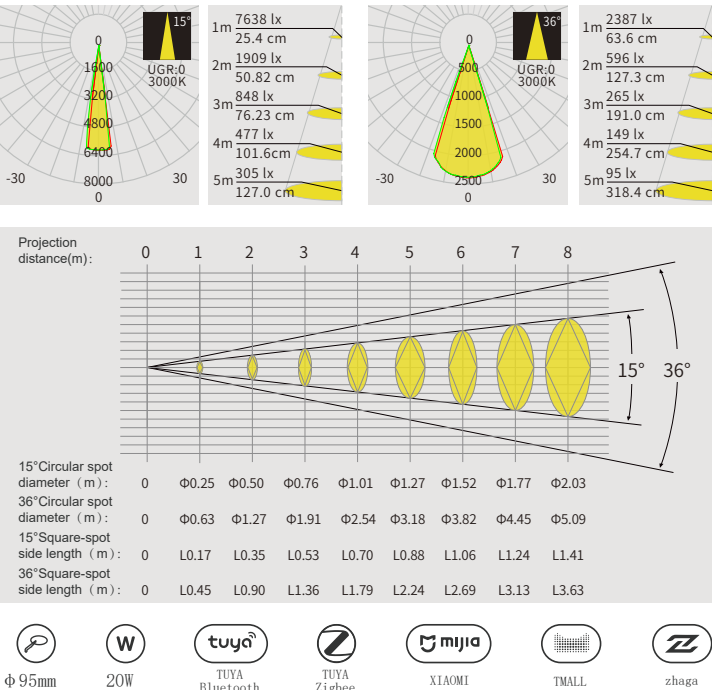
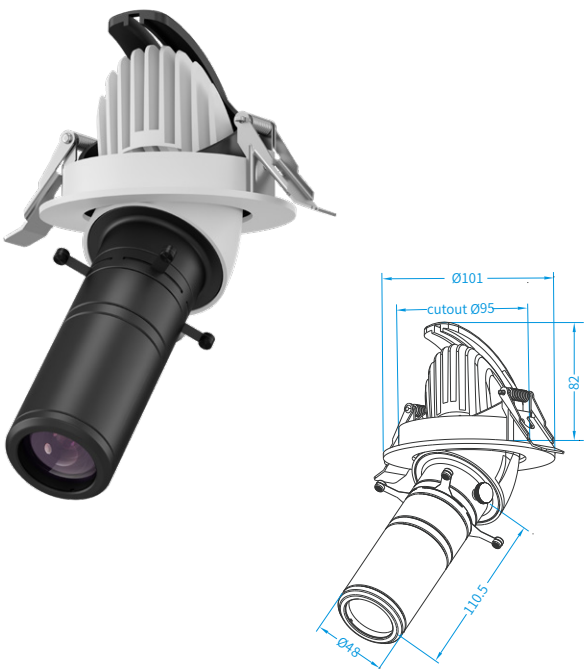
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
G1075K-3836B	10W	300~350LM	Ra≥97	2700K/3000K/4000K	15°~36°	11pcs	≤0.6 %	0.01/1	nonsupport	0.49Kg	Black/white

G1075K-3855



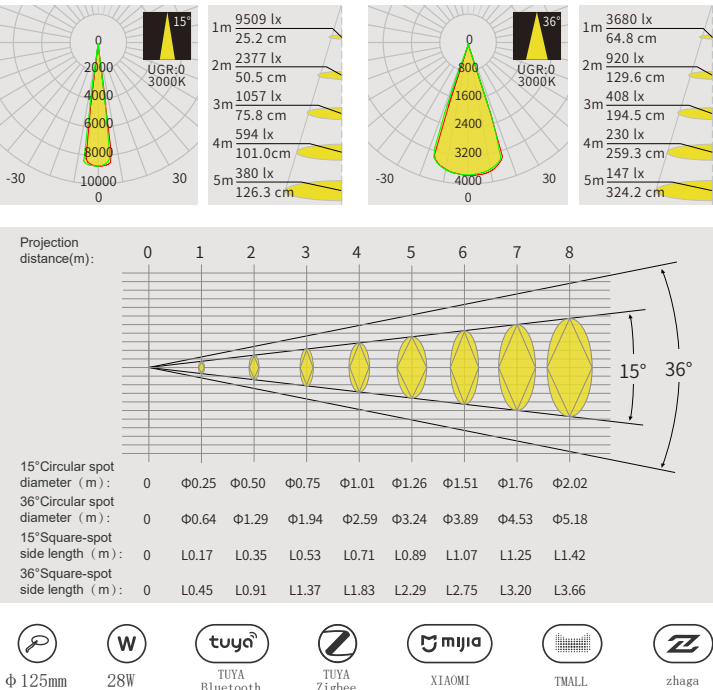
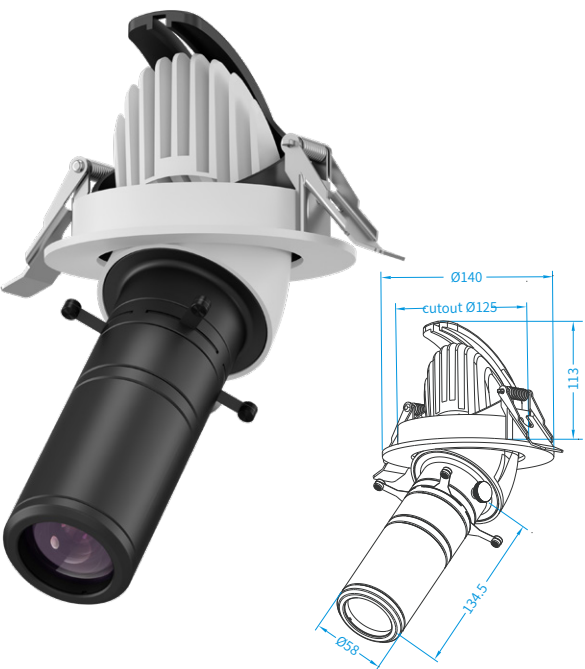
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
G1075K-3855	10W	300~350LM	Ra≥97	2700K/3000K/4000K	55°	10pcs	≤0.6 %	0.01/1	nonsupport	0.40Kg	Black/white

G2095K-4836B



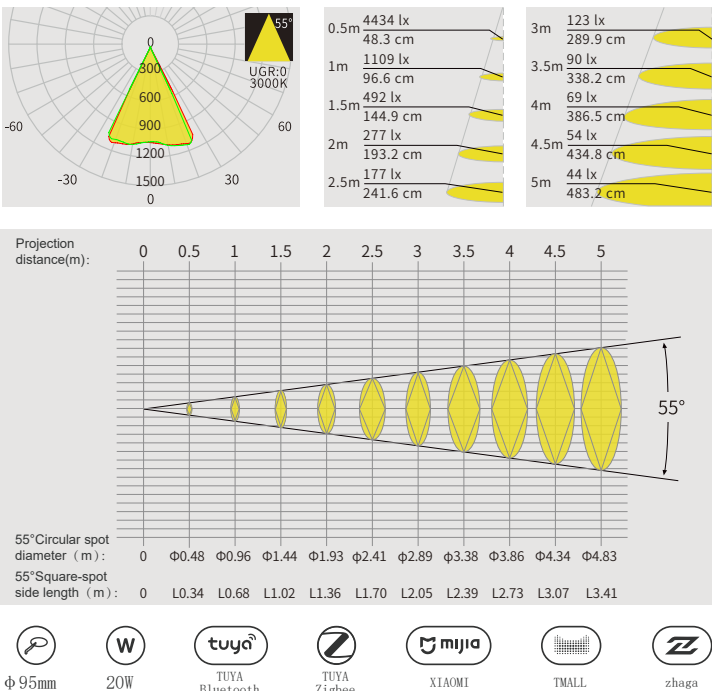
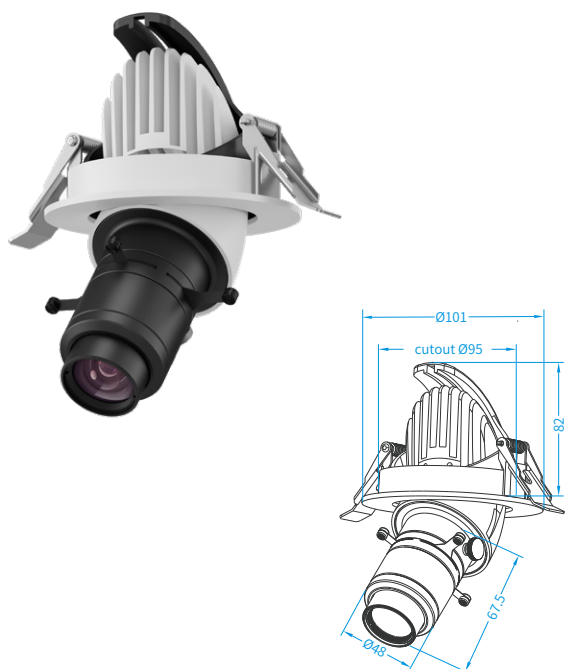
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
G2095K-4836B	20W	630~650LM	Ra≥97	2700K/3000K/4000K	15~36°	11pcs	≤0.5 %	0.01/1	Support	1.03Kg	Black/white

G30125K-5836B



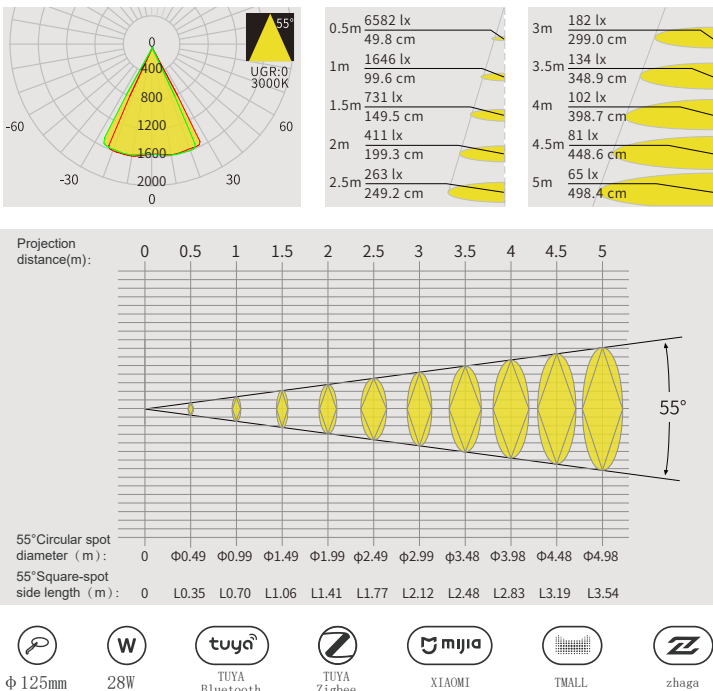
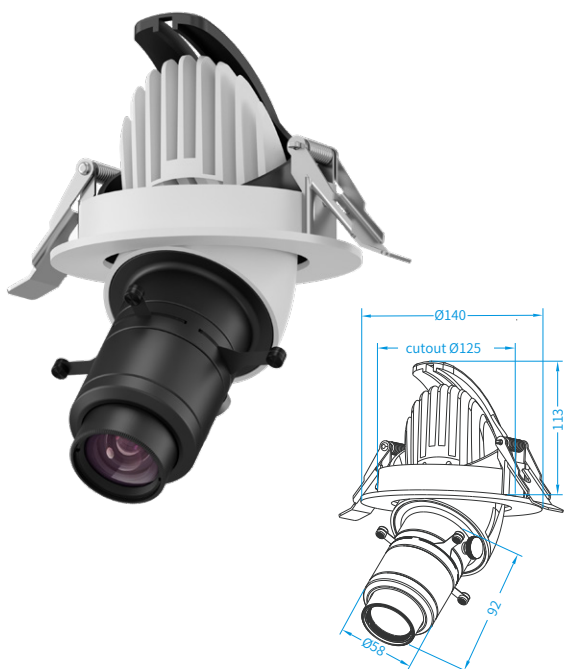
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
G30125K-5836B	28W	870~1000LM	Ra≥97	2700K/3000K/4000K	15~36°	11pcs	≤0.5 %	0.01/1	Support	1.41Kg	Black/white

G2095K-4855



Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
G2095K-4855	20W	745~780LM	Ra≥97	2700K/3000K/4000K	55°	10pcs	≤0.5 %	0.01/1	Support	0.94Kg	Black/white

G30125K-5855

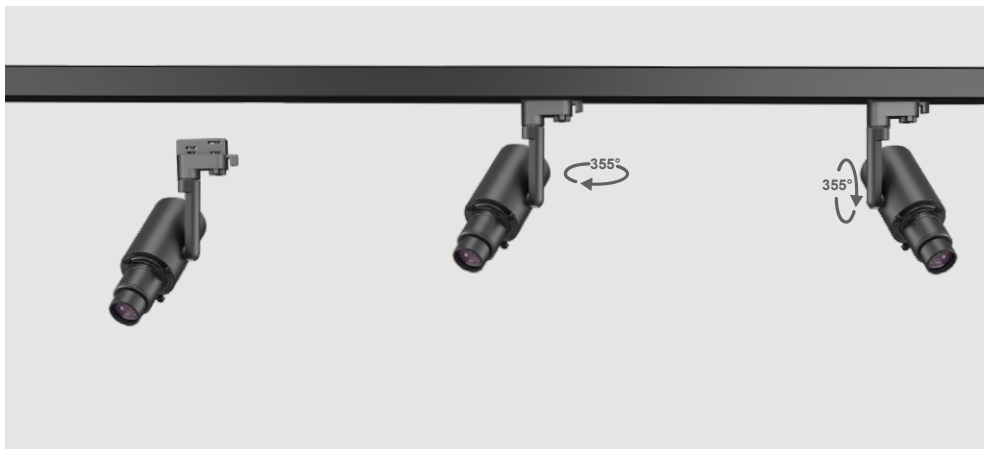


Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
G30125K-5855	28W	1050~1150LM	Ra≥97	2700K/3000K/4000K	55°	11pcs	≤0.34 %	0.01/1	Support	1.29Kg	Black/white



KP full series contour spotlights belong to the II generation optical products, which have the following characteristics compared with I generation.

- 1.The four sides with the same sharp, square spot or rectangular spot can be achieved on all four sides of the same sharpness.
- 2.Full-size zoom (15-36, frame size 1:0.26-0.63) and large wide-angle (55 degrees, frame size 1:1) , frame shaping and GOBO projection are both available. It can be used for lighting and high-definition projection.
- 3.Dust-free at all focal lengths. no matter sharp or soft light state, are not in the display of stray points, no distortion, no blue edge.

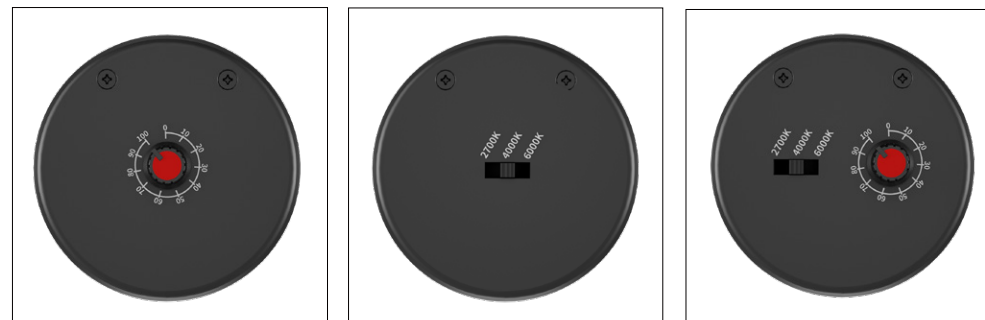


The module built-in driver control methods are generally the following

a, Single lamp 0-10V knob dimming module features continuous dimming

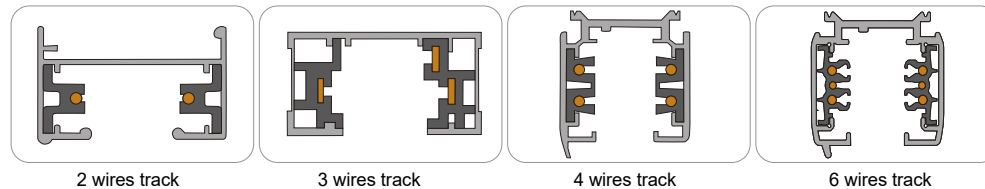
b, DIP select color temperature module
2700K/4000K/6000K
3000K/4000K/5700K

c, DIP CCT + 0-10V knob dimming

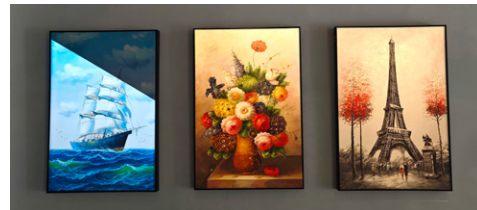


The KP series shapeable track light has the features of flexible rotation and precisely projection, supporting vertical 355° rotation and horizontal 355° rotation. (As shown below)

Track Support



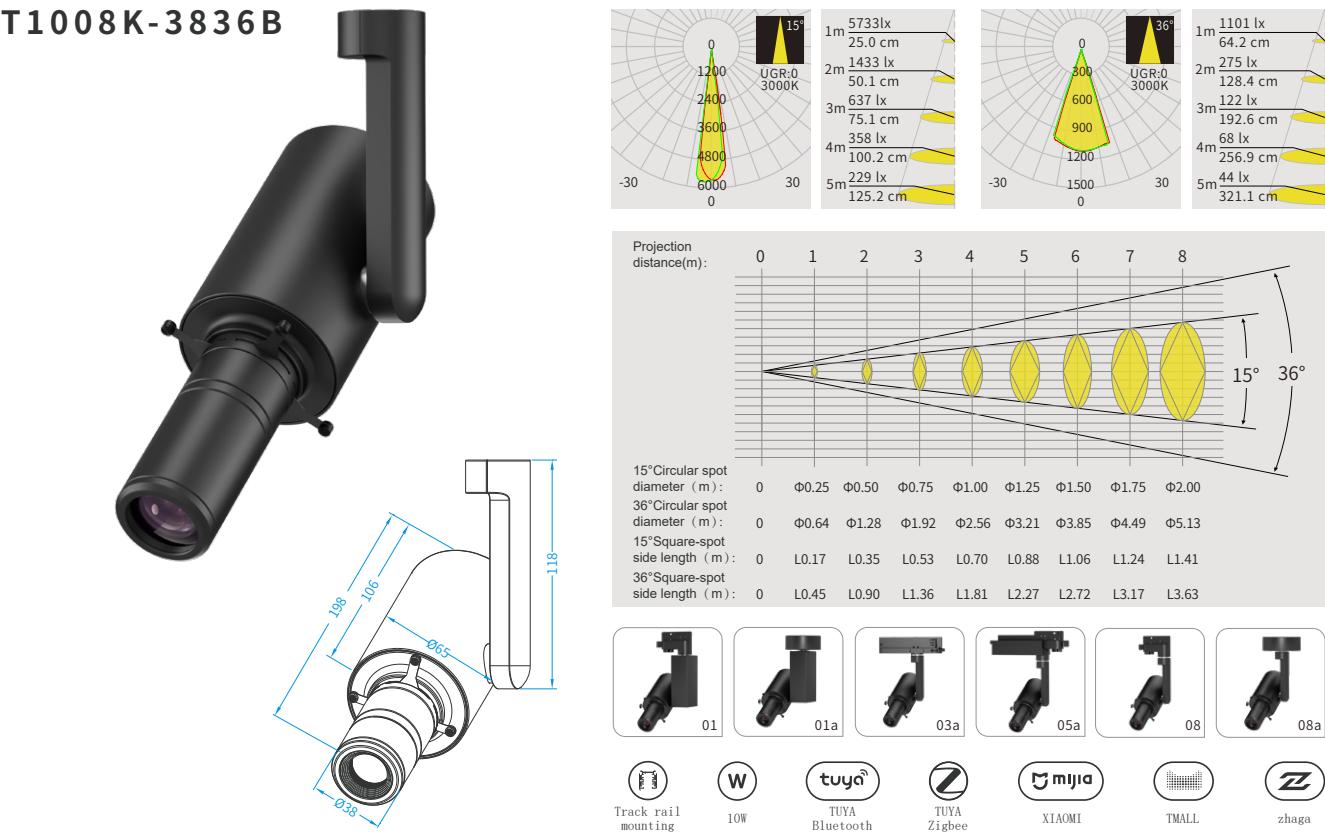
Installation effect



Spot effect

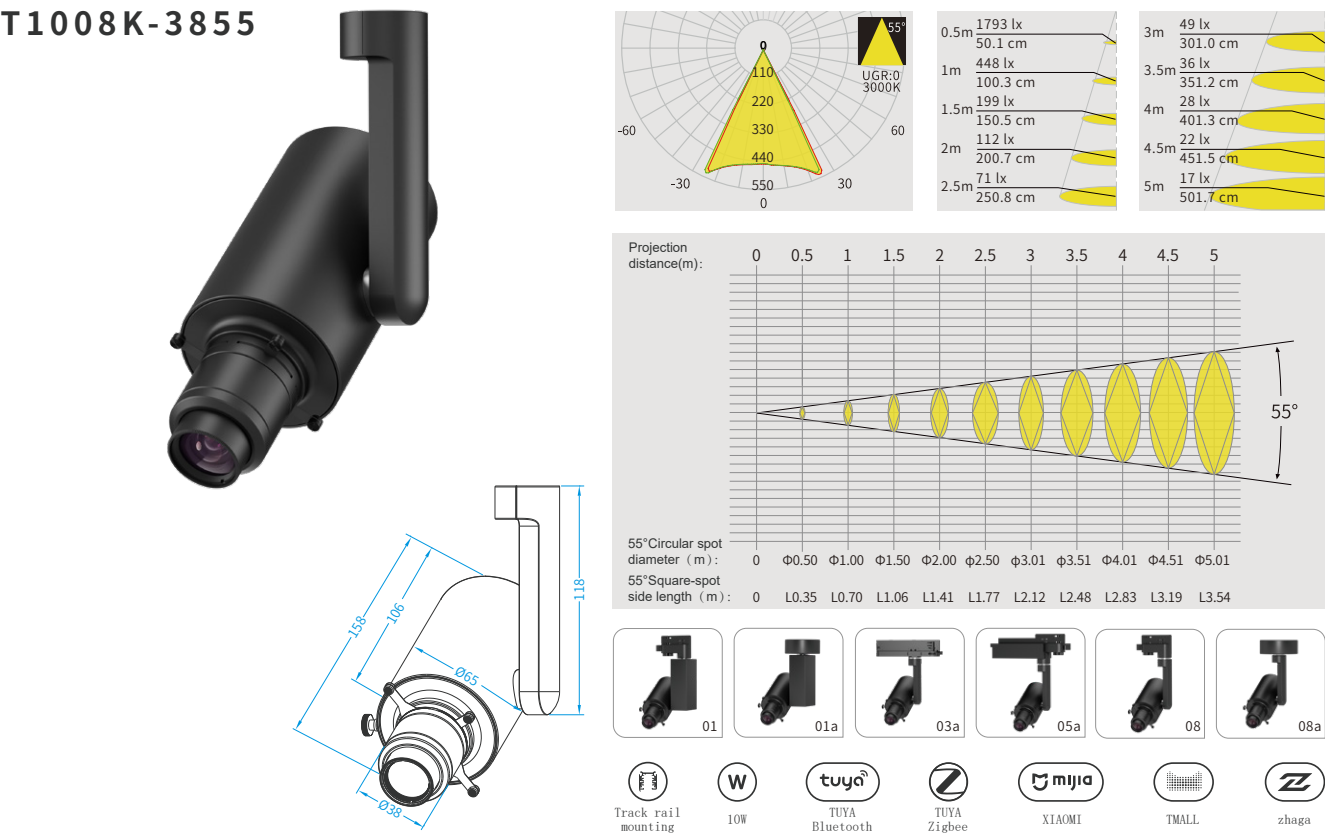


T1008K-3836B



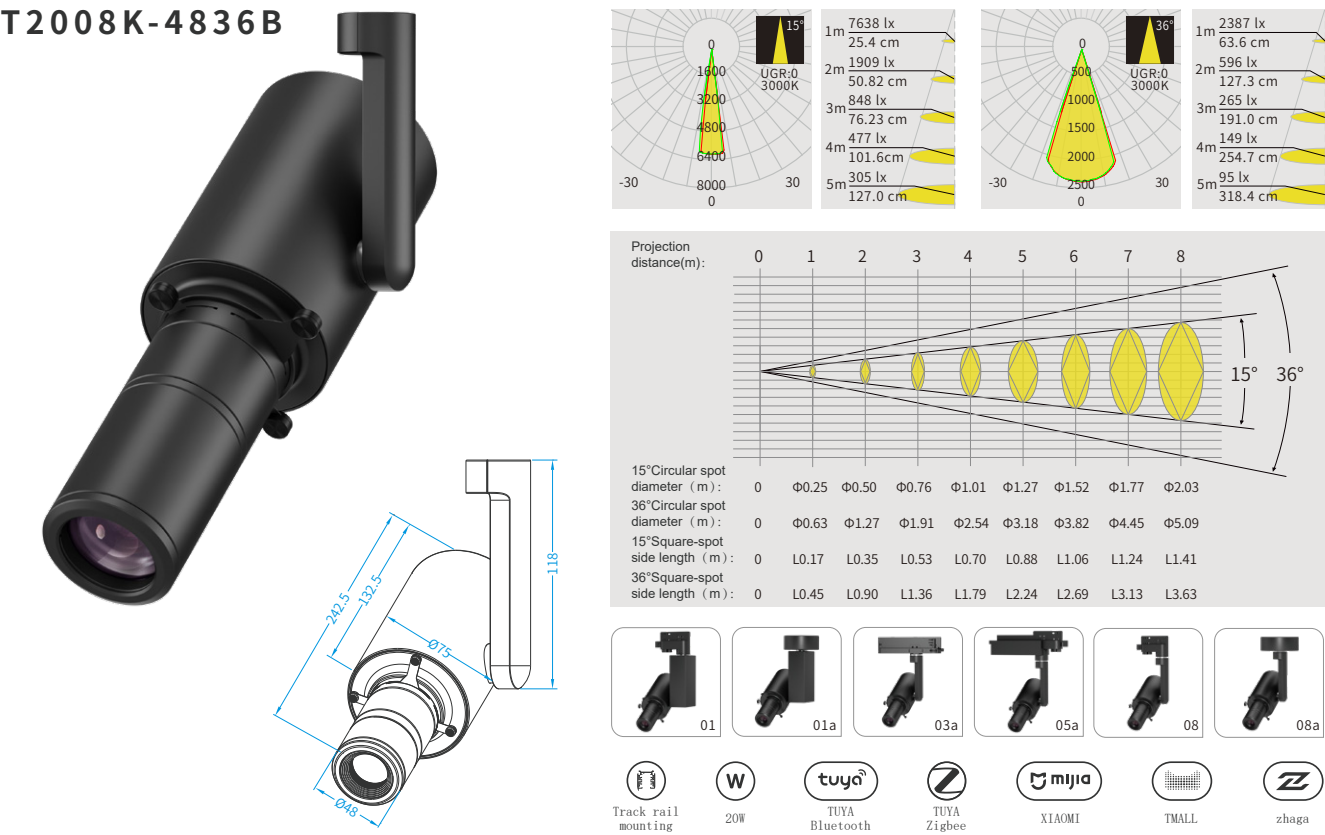
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T1008K-3836B	10W	300~350LM	Ra≥97	2700K/3000K/4000K	15°~36°	11pcs	≤0.6 %	0.01/1	nonsupport	0.67Kg	Black/white

T1008K-3855



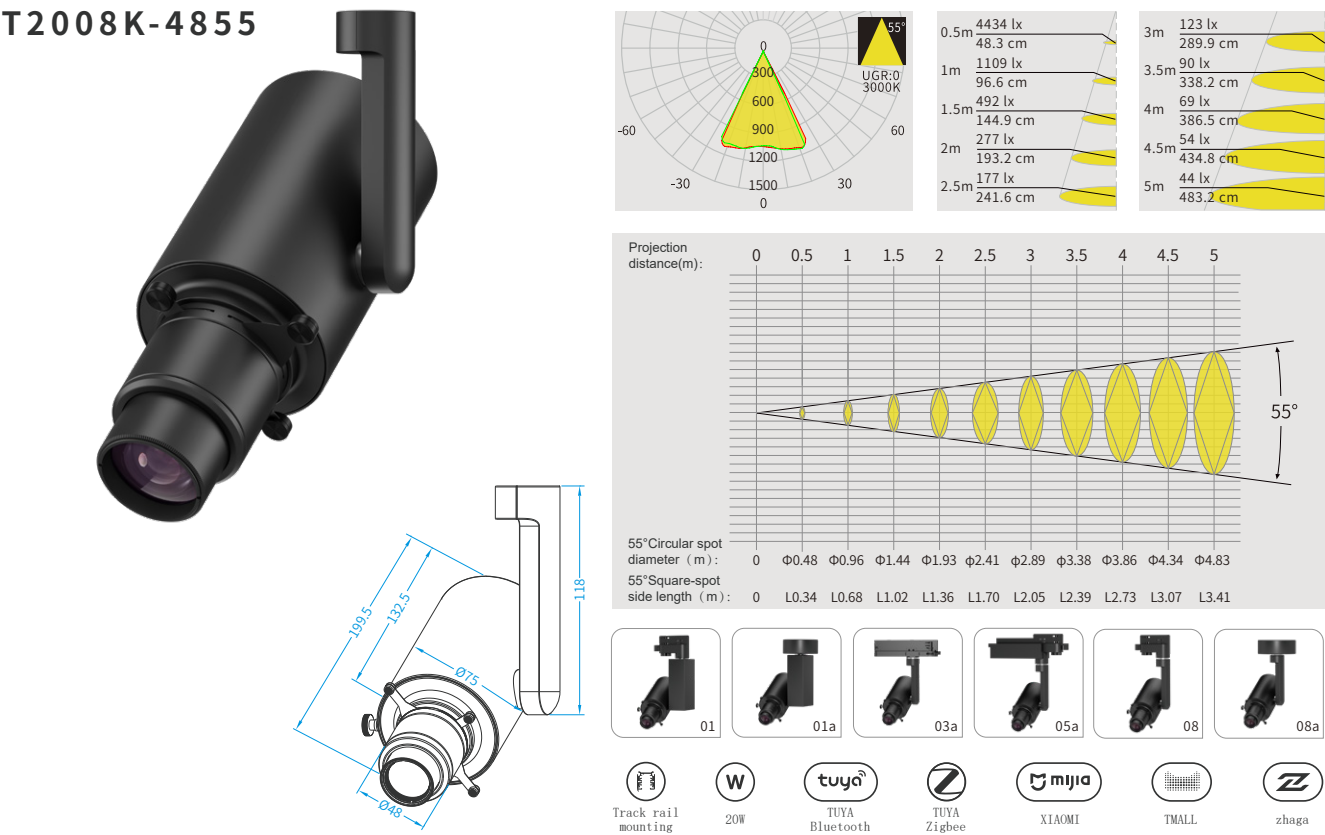
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T1008K-3855	10W	300~350LM	Ra≥97	2700K/3000K/4000K	55°	10pcs	≤0.6 %	0.01/1	nonsupport	0.59Kg	Black/white

T2008K-4836B



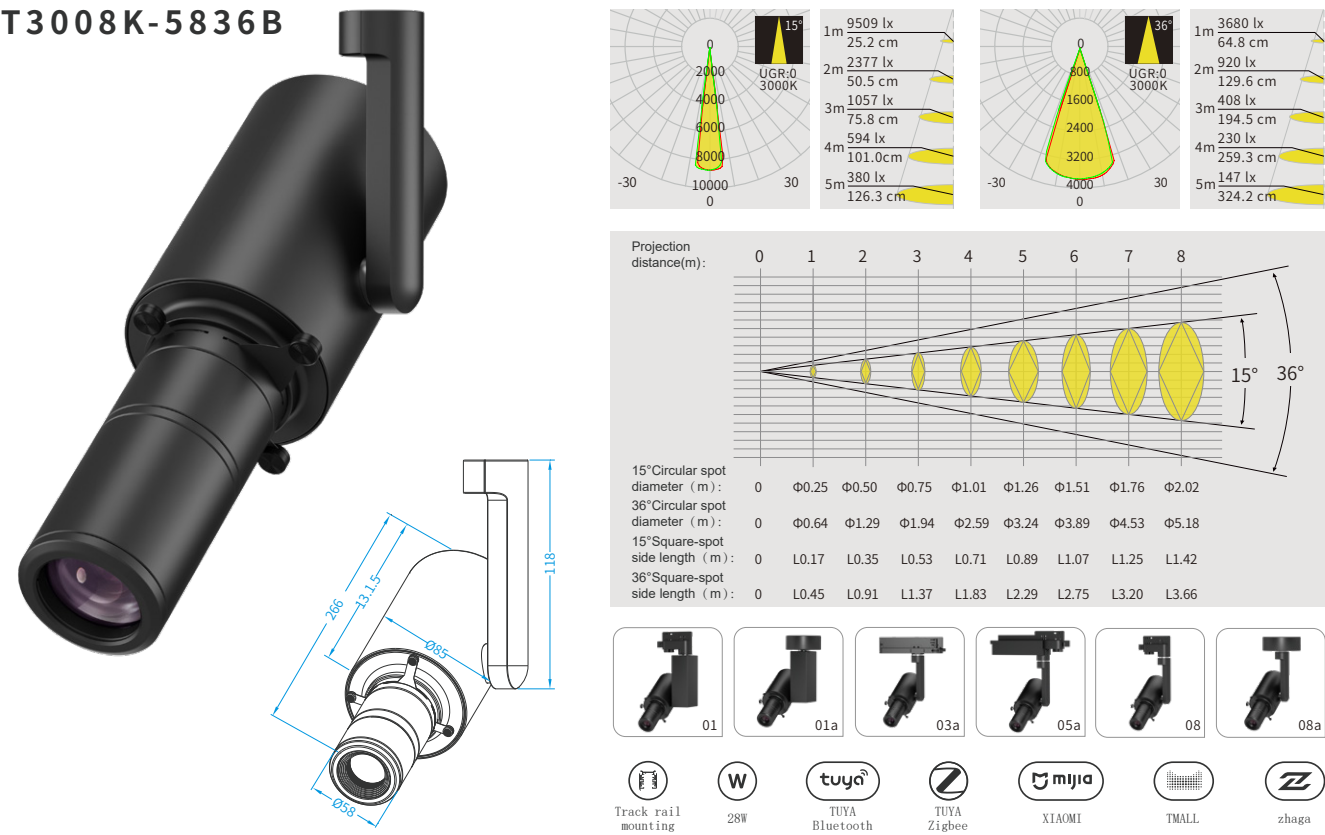
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T2008K-4836B	20W	630~650LM	Ra≥97	2700K/3000K/4000K	15~36°	11pcs	≤0.5 %	0.01/1	Support	1.12Kg	Black/white

T2008K-4855



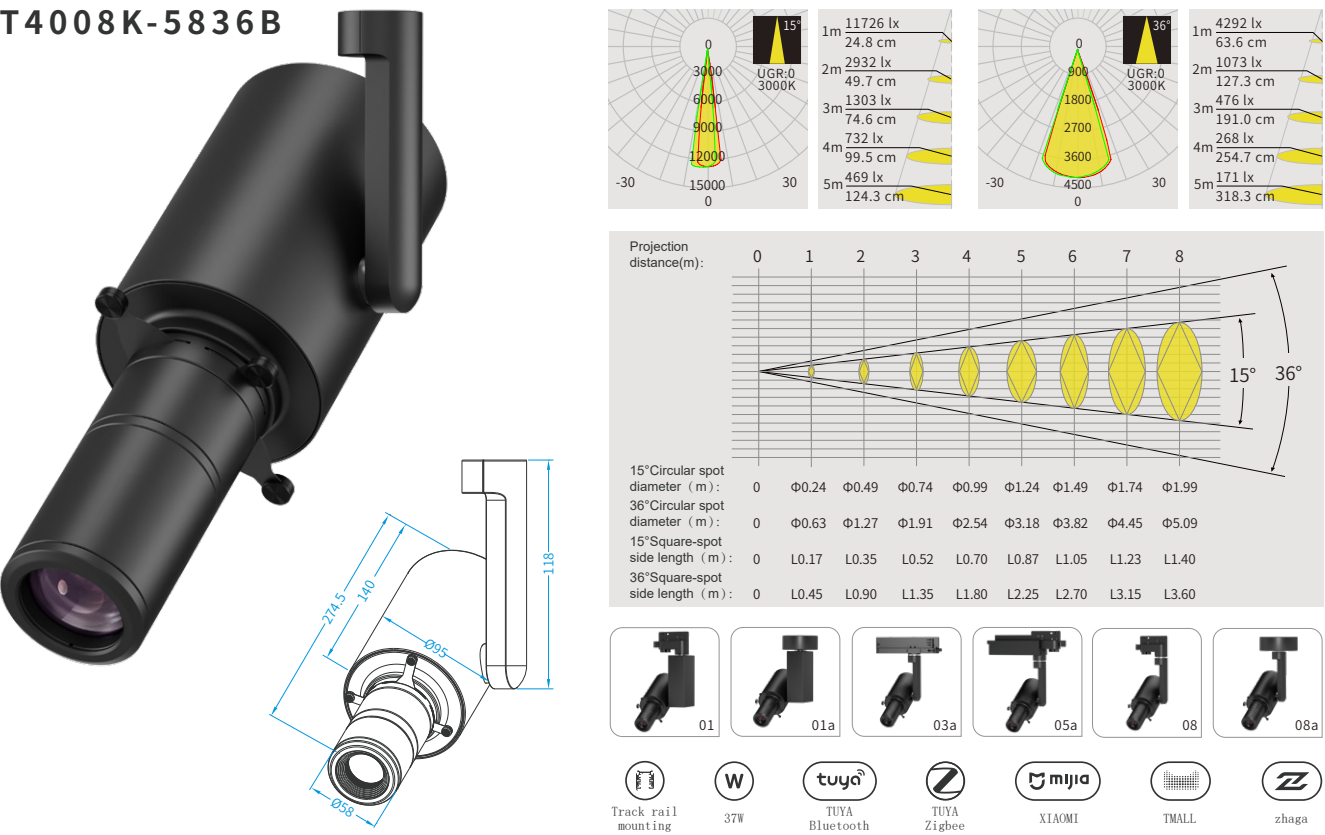
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T2008K-4855	20W	745~780LM	Ra≥97	2700K/3000K/4000K	55°	10pcs	≤0.5 %	0.01/1	Support	1.04Kg	Black/white

T3008K-5836B



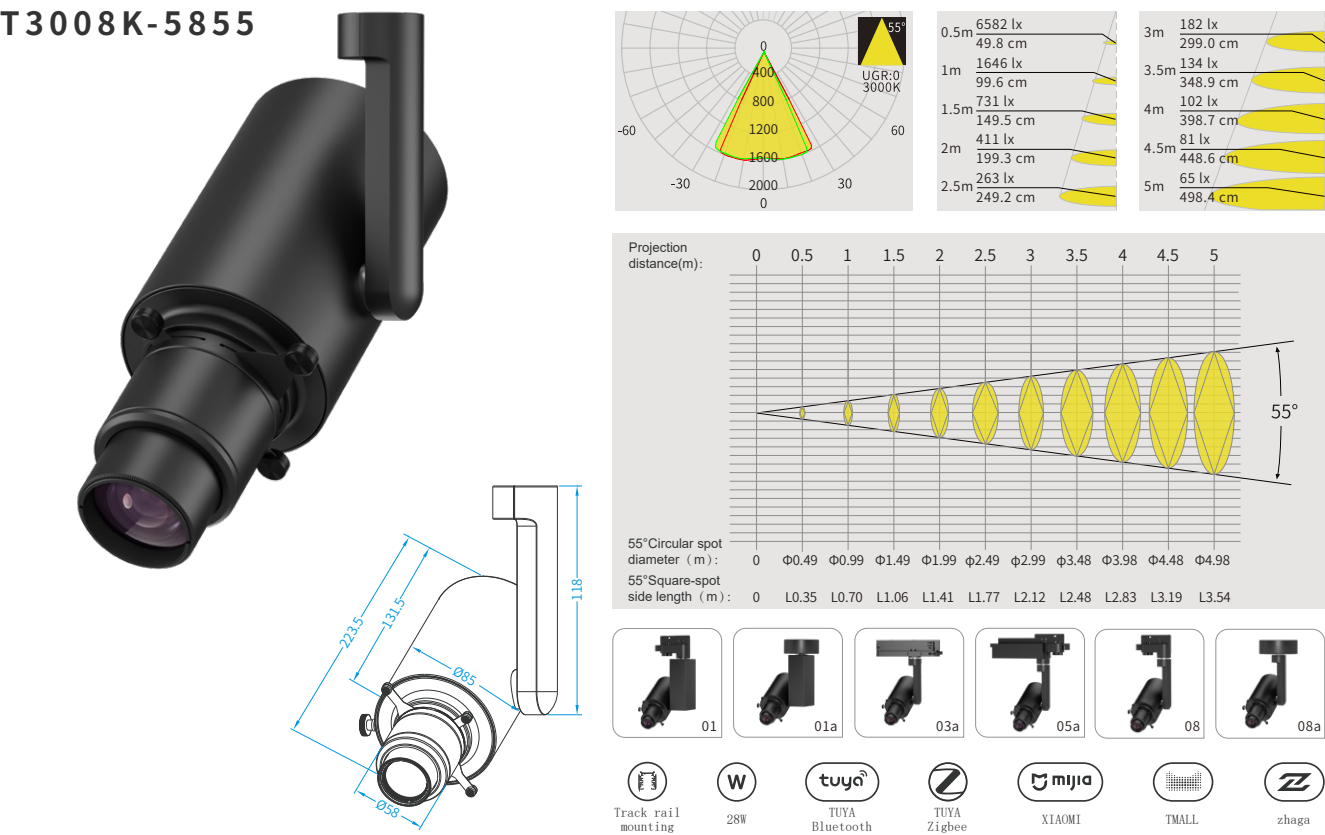
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T3008K-5836B	28W	870~1000LM	Ra≥97	2700K/3000K/4000K	15~36°	11pcs	≤0.5 %	0.01/1	Support	1.53Kg	Black/white

T4008K-5836B



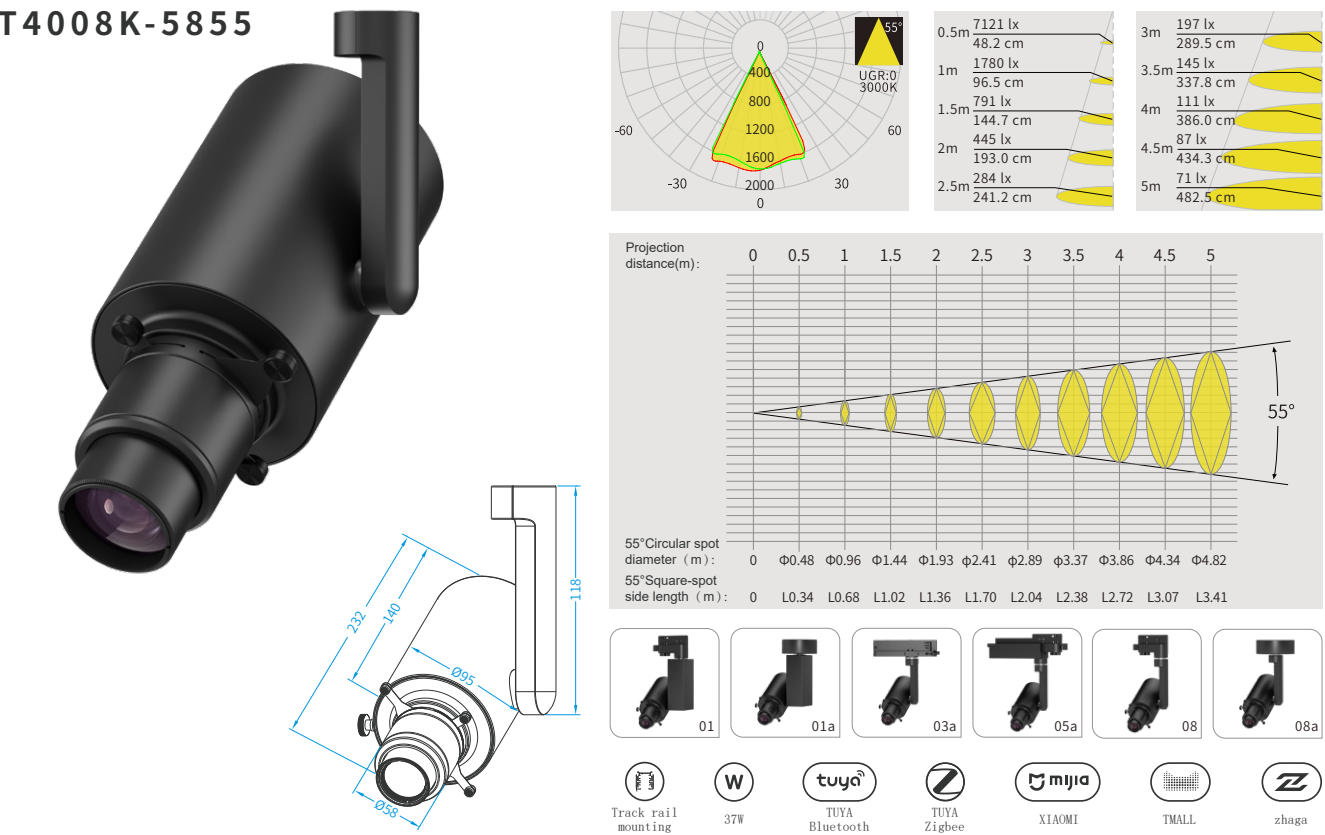
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T4008K-5836B	37W	1000~1200LM	Ra≥97	2700K/3000K/4000K	15~36°	11pcs	≤0.5 %	0.01/1	Support	1.80Kg	Black/white

T3008K-5855



Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T3008K-5855	28W	1050~1150LM	Ra≥97	2700K/3000K/4000K	55°	11pcs	≤0.34 %	0.01/1	Support	1.40Kg	Black/white

T4008K-5855



Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T4008K-5855	37W	1110~1200LM	Ra≥97	2700K/3000K/4000K	55°	11pcs	≤0.34 %	0.01/1	Support	1.68Kg	Black/white



18mm 开启柜内像素照明新纪元!
 Opening a new era of pixel lighting in display cabinets!

KP series framing optic lens is a multifunctional optical lens which integrates spot shaping, zooming, fixed focus, and projection. Any of its functions is close to perfection. With a 55° ultra-large wide-angle lens and a 15°-36° constant zoom lens. No distortion, no blue edges, no chromatic aberration and support for HD projection.

KP full series framing optic lens belong to the 2.0 generation optical products, which have the following characteristics compared with I generation.

1. The four sides with the same sharp, square spot or rectangular spot can be achieved on all four sides of the same sharpness.
2. Zoom and fixed-focus lens can be switched freely(Fixed focus and zoom lenses can be switched freely under the same specifications)
3. Dust-free at all focal lengths. no matter sharp or soft light state, are not in the display of stray points.
4. No blue edge(In any state, there is no blue edge at the edge of the light spot)
5. Full-size projection (spot size and projection size can be 1:1, and has extremely high image resolution)
6. Full series supports zhaga protocol installation.



鲲鹏系列切光镜头是一款集切光,变焦,定焦,投影,于一身的多功能光学镜头.它的任何一个功能拆解出来均能在该功能领域接近完美.拥有55°的超大广角镜头和15°-36°恒定变焦镜头,无畸变、无蓝边、无色差,支持超清全尺寸投影功能。

鲲鹏镜头系列属于2代光学产品,跟1代比起来有以下特点。

- 1、**四边同锐** (任意四边形光斑可以做到4条边的锐度相同)。
- 2、**定焦与变焦镜头任意切换** (相同规格下的定焦、变焦镜头可直接替换)。
- 3、**全焦段无尘** (不管是硬光还是柔光状态下,均不在显示杂点)。
- 4、**无蓝边** (在任意状态下,光斑边缘均无蓝边出现)。
- 5、**全尺寸投影** (光斑尺寸与投影尺寸可做到1:1,并且拥有极高的图像分辨率)。
- 6、**全系列支持zhaga协议安装**。

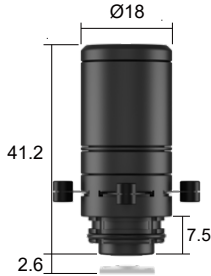


Whole lamp combination type 整灯组合类型



鲲鹏系列切光镜头——1836B-C

1836B-C

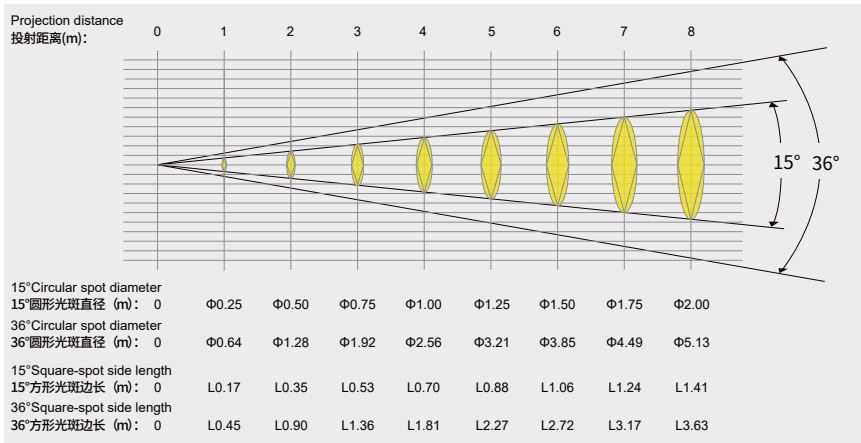


Matching luminous surface 适配光源发光面Ø<2.5mm

Official recommended light source 官方推荐光源	
3W	CITIZEN 西铁城7L3

Specification parameter 规格参数

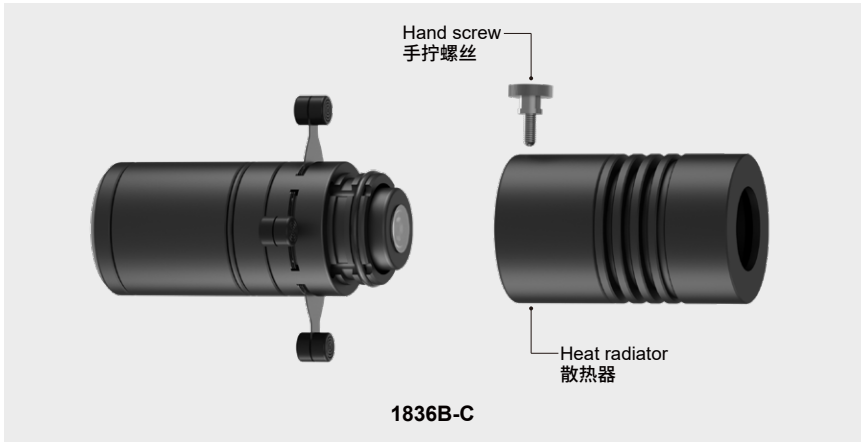
Lens model 镜头型号	1836B-C
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	15°-36°
Uniformity 均匀度	85%
TV distortion TV畸变	≤0.25%
Optical lens 光学镜片	10pcs
Light output rate 出光率	43%
Lens weight 镜头重量	18g
Filter specification 滤镜规格	Nonsupport 不支持
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.01/1
Gobo size 投影片尺寸	4mm内径(Inside diameter) 8.5mm外径(Outside diameter)



Radiator connection 散热器连接方式

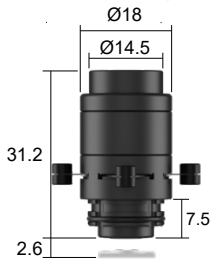
The connection between the lens and the radiator is a one-piece device, the connection device and the lens part of the fusion of non-detachable, with a strong unity, the connection between the radiator and the lens is through the combination of the pair of insertion + hand screws, assembly is fast, to a certain extent, reducing production costs and maintenance costs. Maximum possible to reduce the size of the lens, to achieve the ultimate fine.

镜头与散热器之间的连接装置为一体式装置,连接装置与镜头部分融为一体不可拆分,拥有极强的一体性,散热器与镜头间的连接方式是通过对插+手拧螺丝组合,装配快速,一定程度上降低了生 产成本与维护成本。最大可能的降低镜头体积,做到极致精细。



鲲鹏系列切光镜头——1855-C

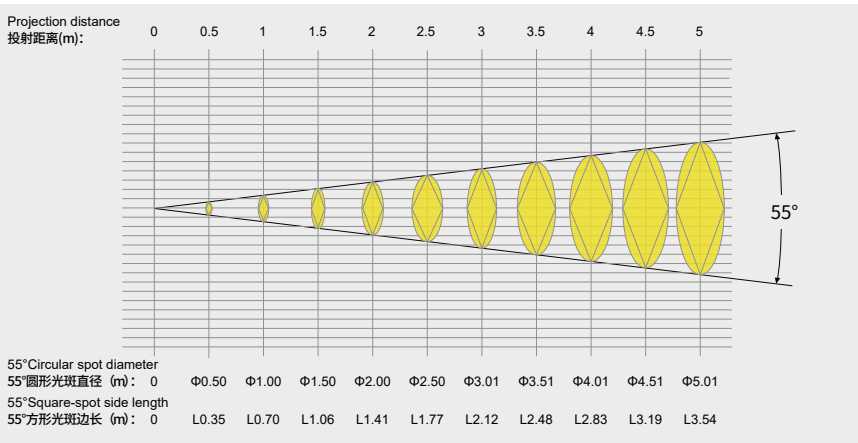
1855-C



Matching luminous surface 适配光源发光面Ø<2.5mm

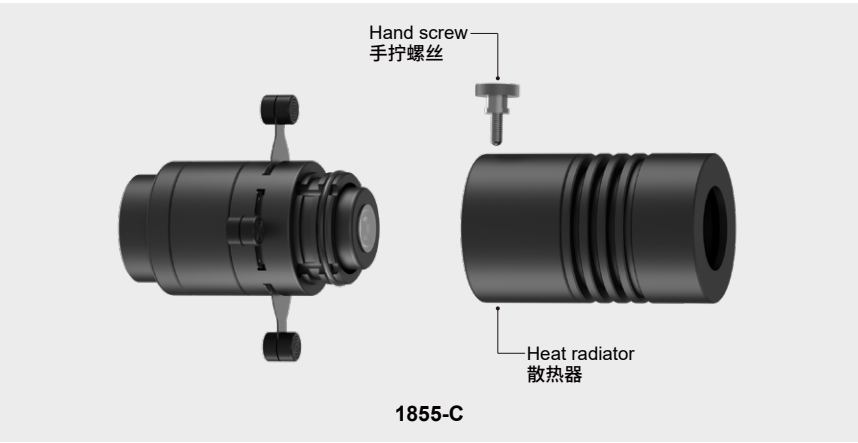
Official recommended light source 官方推荐光源	
3W	CITIZEN 西铁城7L3

Specification parameter 规格参数



Lens model 镜头型号	1855-C
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	55°
Uniformity 均匀度	90%
TV distortion TV畸变	≤0.4%
Optical lens 光学镜片	10pcs
Light output rate 出光率	43%
Lens weight 镜头重量	15.1g
Filter specification 滤镜规格	Nonsupport 不支持
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.01/1
Gobo size 投影片尺寸	4mm内径(Inside diameter) 8.5mm外径(Outside diameter)

Radiator connection 散热器连接方式



The connection between the lens and the radiator is a one-piece device, the connection device and the lens part of the fusion of non-detachable, with a strong unity, the connection between the radiator and the lens is through the combination of the pair of insertion + hand screws, assembly is fast, to a certain extent, reducing production costs and maintenance costs. Maximum possible to reduce the size of the lens, to achieve the ultimate fine.

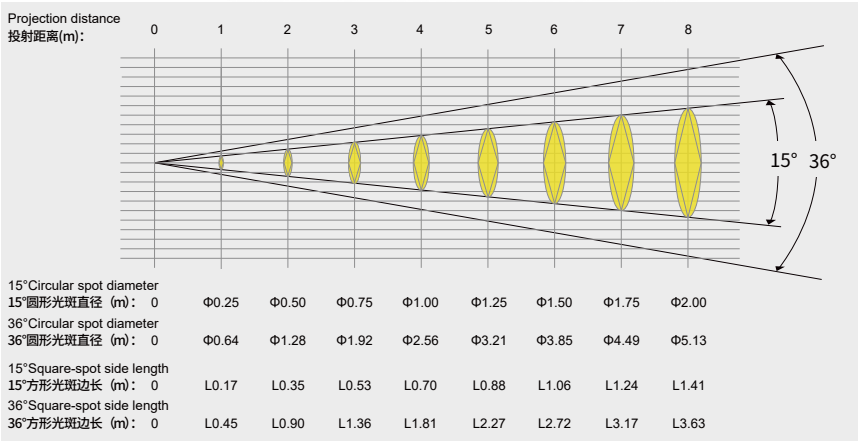
镜头与散热器之间的连接装置为一体式装置,连接装置与镜头部分融为一体不可拆分,拥有极强的一体性,散热器与镜头间的连接方式是通过对插+手拧螺丝组合,装配快速,一定程度上降低了生 产成本与维护成本。最大可能的降低镜头体积,做到极致精细。

鲲鹏系列切光镜头——2836B-C



Specification parameter 规格参数

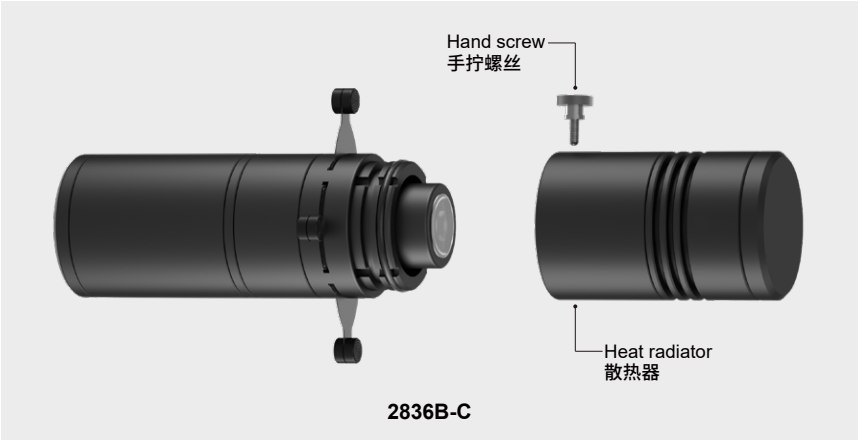
Lens model 镜头型号	2836B-C
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	15°-36°
Uniformity 均匀度	85%
TV distortion TV畸变	≤0.2%
Optical lens 光学镜片	10pcs
Light output rate 出光率	43%
Lens weight 镜头重量	66.5g
Filter specification 滤镜规格	Nonsupport 不支持
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.01/1
Gobo size 投影片尺寸	9mm内径(Inside diameter) 15mm外径(Outside diameter)



Radiator connection 散热器连接方式

The connection between the lens and the radiator is a one-piece device, the connection device and the lens part of the fusion of non-detachable, with a strong unity, the connection between the radiator and the lens is through the combination of the pair of insertion + hand screws, assembly is fast, to a certain extent, reducing production costs and maintenance costs. Maximum possible to reduce the size of the lens, to achieve the ultimate fine.

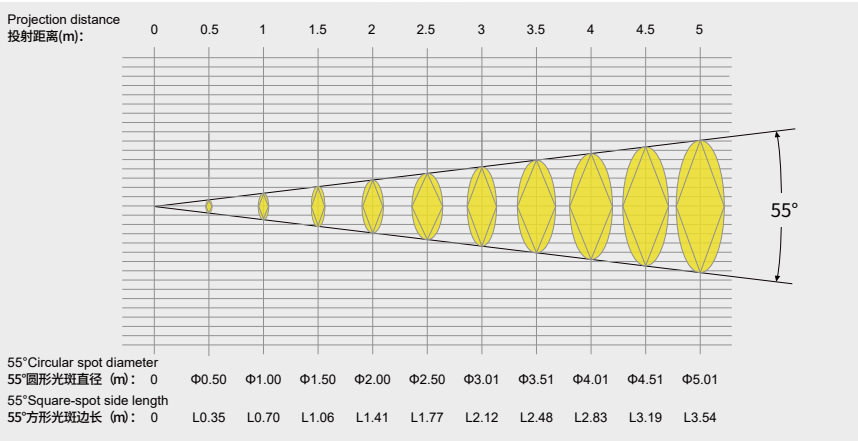
镜头与散热器之间的连接装置为一体式装置,连接装置与镜头部分融为一体不可拆分,拥有极强的一体性,散热器与镜头间的连接方式是通过对插+手拧螺丝组合,装配快速,一定程度上降低了生 产成本与维护成本。最大可能的降低镜头体积,做到极致精细。



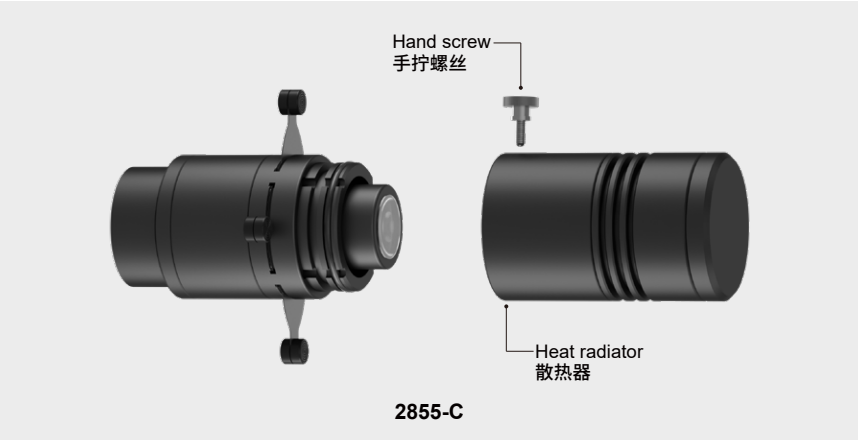
鲲鹏系列切光镜头——2855-C



Specification parameter 规格参数



Radiator connection 散热器连接方式

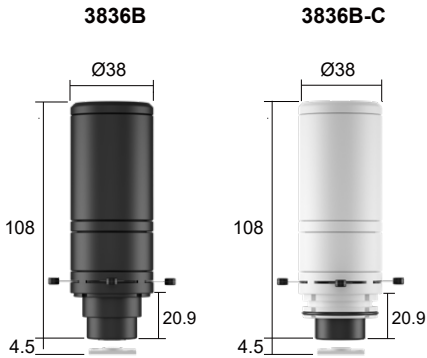


Lens model 镜头型号	2855-C
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	55°
Uniformity 均匀度	90%
TV distortion TV畸变	≤0.6%
Optical lens 光学镜片	10pcs
Light output rate 出光率	43%
Lens weight 镜头重量	54.2g
Filter specification 滤镜规格	Nonsupport 不支持
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.01/1
Gobo size 投影片尺寸	9mm内径(Inside diameter) 15mm外径(Outside diameter)

The connection between the lens and the radiator is a one-piece device, the connection device and the lens part of the fusion of non-detachable, with a strong unity, the connection between the radiator and the lens is through the combination of the pair of insertion + hand screws, assembly is fast, to a certain extent, reducing production costs and maintenance costs. Maximum possible to reduce the size of the lens, to achieve the ultimate fine.

镜头与散热器之间的连接装置为一体式装置,连接装置与镜头部分融为一体不可拆分,拥有极强的一体性,散热器与镜头间的连接方式是通过对插+手拧螺丝组合,装配快速,一定程度上降低了生 产成本与维护成本。最大可能的降低镜头体积,做到极致精细。

鲲鹏系列切光镜头——3836B / 3836B-C



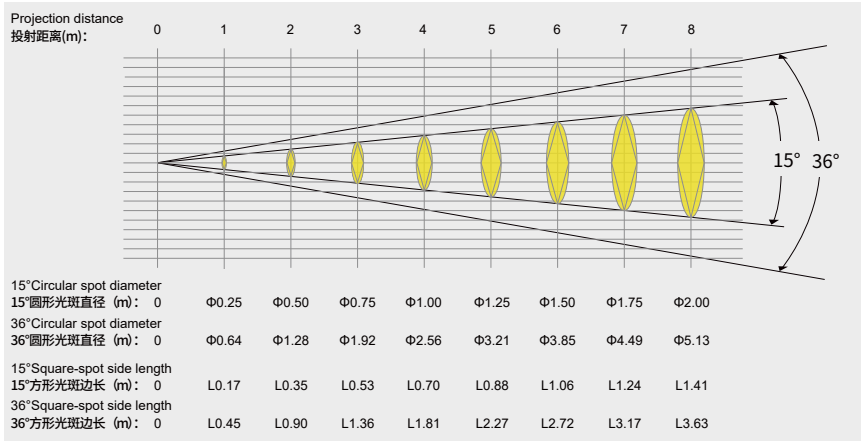
Matching luminous surface 适配光源发光面 $\varnothing < 5\text{mm}$

Official recommended light source 官方推荐光源

8-10W | CITIZEN 西铁城7A3 / TOYONIA 东洋T04

Specification parameter 规格参数

Lens model 镜头型号	3836B / 3836B-C
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	15°-36°
Uniformity 均匀度	85%
TV distortion TV畸变	0.6%
Optical lens 光学镜片	11pcs
Light output rate 出光率	43%
Lens weight 镜头重量	210g
Filter specification 滤镜规格	Nonsupport 不支持
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.01/1
Gobo size 投影片尺寸	14mm内径(Inside diameter) 19.7mm外径(Outside diameter)



Radiator connection 散热器连接方式

In order to meet the needs of different users, according to the difference of the structural parts connected with the radiator, the connection device of the lens can be divided into conventional (detachable, split connection device) and C (non-detachable, integrated connection device), increasing the selectivity at the same time, the matching of the radiator is more diverse, so that it is convenient to disassemble and accurately connected.

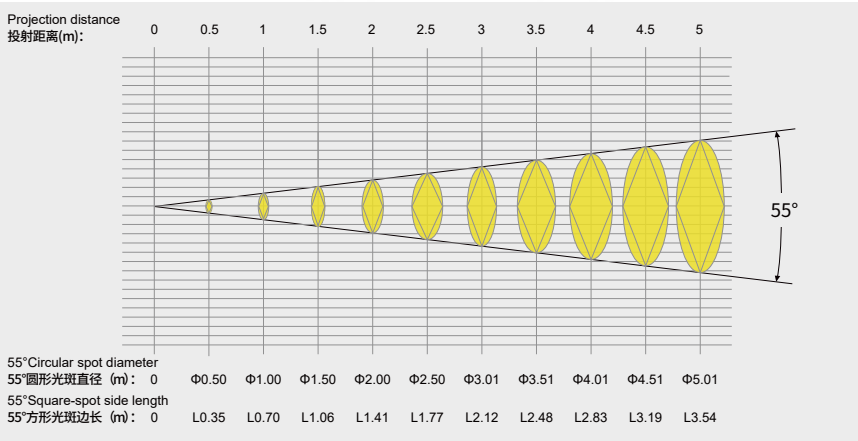
为满足不同用户的使用需求,研发部门针对散热器连接的结构件不同,镜头的连接装置可分为常规款(可拆卸,分体式连接装置)、C款(不可拆卸,一体式连接装置),增加选择性的同时,散热器的匹配性也更加多样,做到拆卸方便,精准连接。



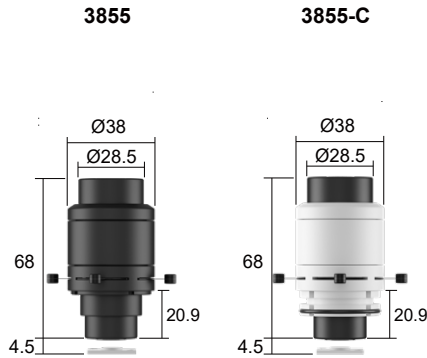
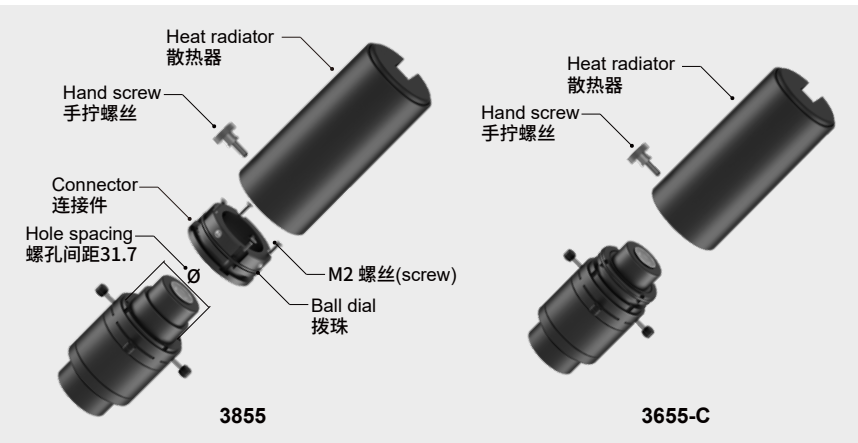
鲲鹏系列切光镜头——3855 / 3855-C



Specification parameter 规格参数



Radiator connection 散热器连接方式



Matching luminous surface 适配光源发光面 $\varnothing < 5\text{mm}$

Official recommended light source 官方推荐光源

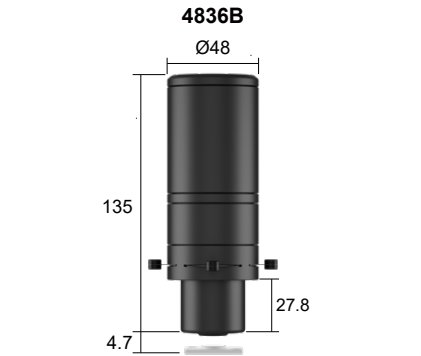
8-10W | CITIZEN 西铁城7A3 / TOYONIA 东洋T04

Lens model 镜头型号	3855 / 3855-C
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	55°
Uniformity 均匀度	90%
TV distortion TV畸变	0.6%
Optical lens 光学镜片	10pcs
Light output rate 出光率	43%
Lens weight 镜头重量	129g
Filter specification 滤镜规格	Nonsupport 不支持
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.01/1
Gobo size 投影片尺寸	14mm内径(Inside diameter) 19.7mm外径(Outside diameter)

In order to meet the needs of different users, according to the difference of the structural parts connected with the radiator, the connection device of the lens can be divided into conventional (detachable, split connection device) and C (non-detachable, integrated connection device), increasing the selectivity at the same time, the matching of the radiator is more diverse, so that it is convenient to disassemble and accurately connected.

为满足不同用户的使用需求,研发部门针对散热器连接的结构件不同,镜头的连接装置可分为常规款(可拆卸,分体式连接装置)、C款(不可拆卸,一体式连接装置),增加选择性的同时,散热器的匹配性也更加多样,做到拆卸方便,精准连接。

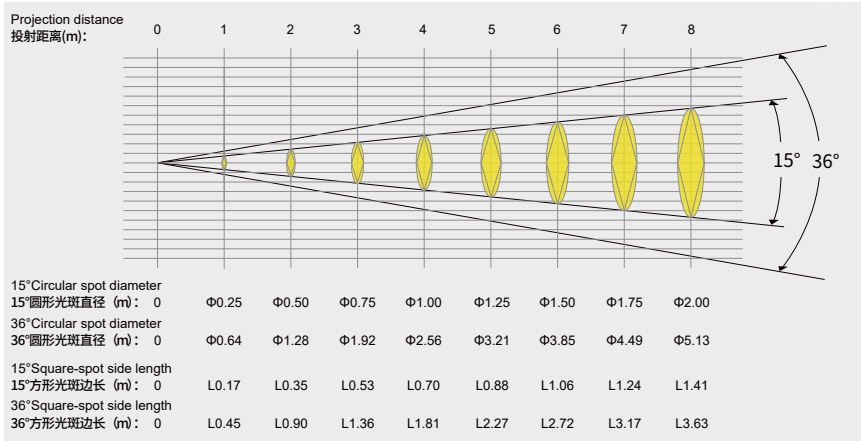
鲲鹏系列切光镜头——4836B



Matching luminous surface 适配光源发光面Ø<7mm	
Official recommended light source 官方推荐光源	
20W	CITIZEN 西铁城703 / TOYONIA 东洋T20

Specification parameter 规格参数

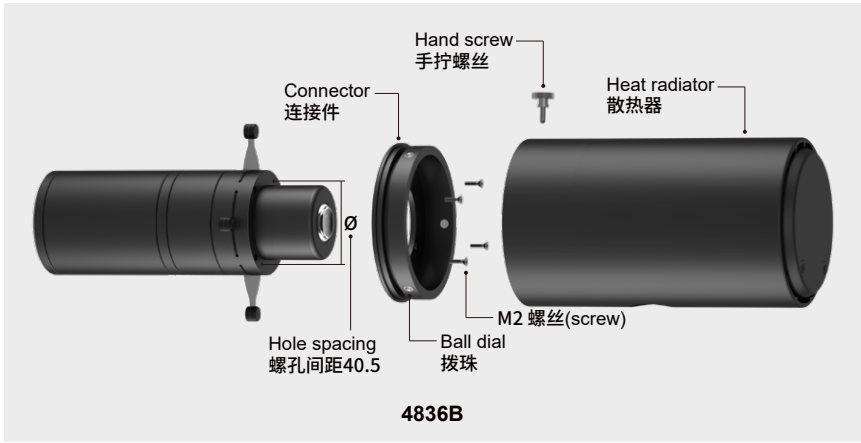
Lens model 镜头型号	4836B
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	15°-36°
Uniformity 均匀度	85%
TV distortion TV畸变	≤0.5%
Optical lens 光学镜片	11pcs
Light output rate 出光率	45%
Lens weight 镜头重量	360g
Filter specification 滤镜规格	Nonsupport 不支持
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.01/1
Gobo size 投影片尺寸	19mm内径(Inside diameter) 24.5mm外径(Outside diameter)



Radiator connection 散热器连接方式

The connection device between the lens and the radiator is a split device (connector), the connector can be removed and replaced. The lens is combined with the radiator through connector+4 pcs M2 screws+ball dial+hand screws.This connection method has a high degree of adaptability, can be arbitrarily matched to different specifications of the radiator, the connection is accurate and at the same time easy and quick to dismantle. As shown on the right.

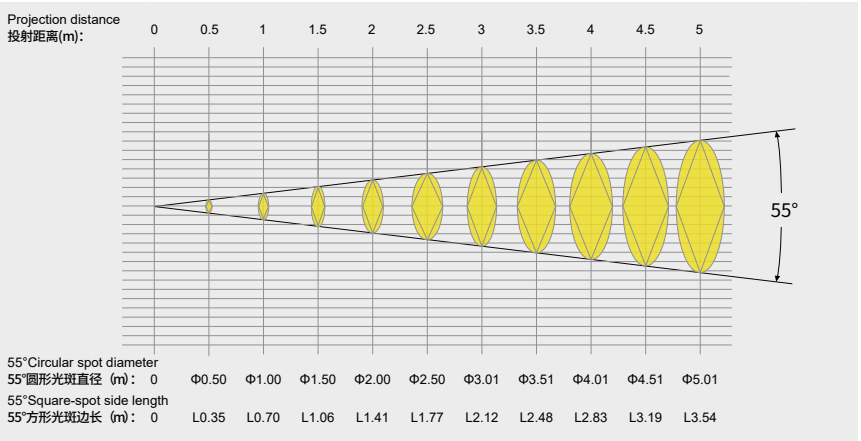
镜头与散热器之间的连接装置为分体式装置(连接件),连接件可拆卸替换;镜头是通过连接件+4个M2螺丝+拨珠+手拧螺丝与散热器相组合,此连接方式适配程度高,连接精准的同时拆卸也方便快捷,如右图所示。



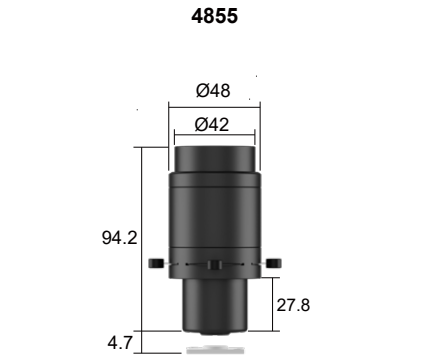
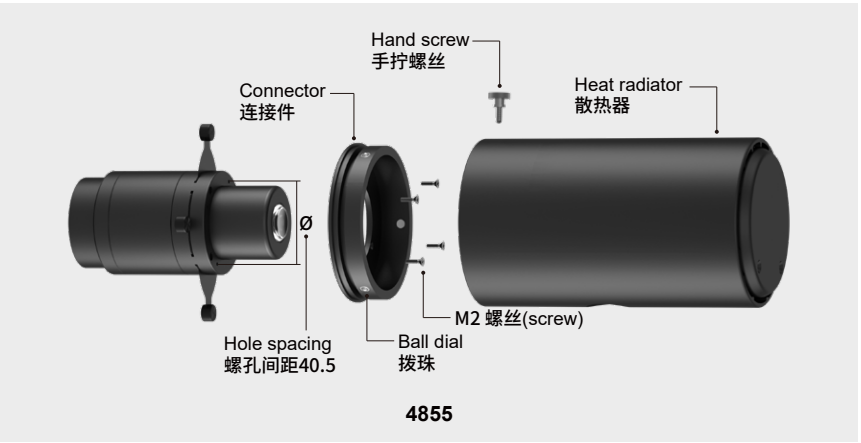
鲲鹏系列切光镜头——4855



Specification parameter 规格参数



Radiator connection 散热器连接方式



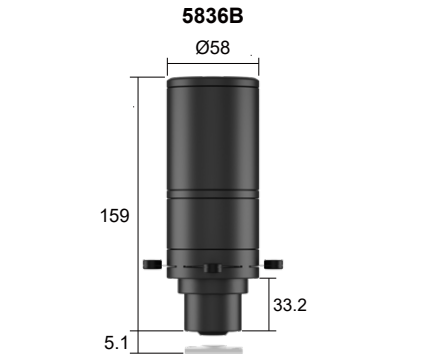
Matching luminous surface 适配光源发光面Ø<7mm	
Official recommended light source 官方推荐光源	
20W	CITIZEN 西铁城703 / TOYONIA 东洋T20

Lens model 镜头型号	4855
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	55°
Uniformity 均匀度	90%
TV distortion TV畸变	≤0.5%
Optical lens 光学镜片	10pcs
Light output rate 出光率	45%
Lens weight 镜头重量	294g
Filter specification 滤镜规格	Nonsupport 不支持
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.01/1
Gobo size 投影片尺寸	19mm内径(Inside diameter) 24.5mm外径(Outside diameter)

The connection device between the lens and the radiator is a split device (connector), the connector can be removed and replaced. The lens is combined with the radiator through connector+4 pcs M2 screws+ball dial+hand screws.This connection method has a high degree of adaptability, can be arbitrarily matched to different specifications of the radiator, the connection is accurate and at the same time easy and quick to dismantle. As shown on the left.

镜头与散热器之间的连接装置为分体式装置(连接件),连接件可拆卸替换;镜头是通过连接件+4个M2螺丝+拨珠+手拧螺丝与散热器相组合,此连接方式适配程度高,连接精准的同时拆卸也方便快捷,如左图所示。

鲲鹏系列切光镜头——5836B



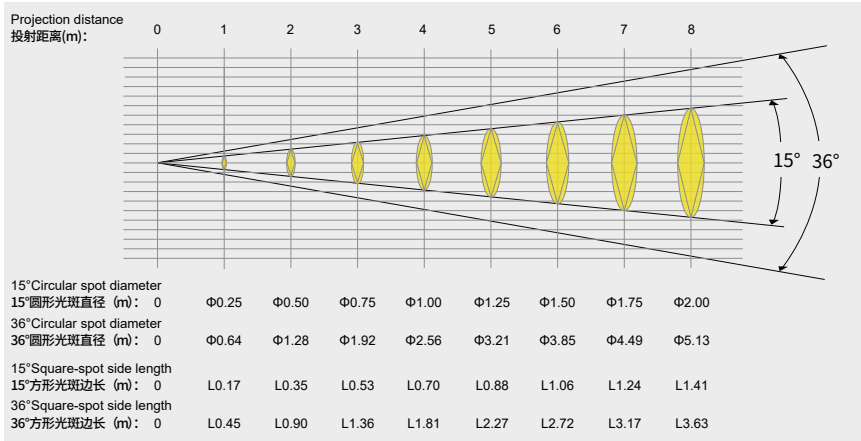
Matching luminous surface 适配光源发光面Ø<9mm

Official recommended light source 官方推荐光源

28W	TOYONIA 东洋T20
28-37W	CITIZEN 西铁城713

Specification parameter 规格参数

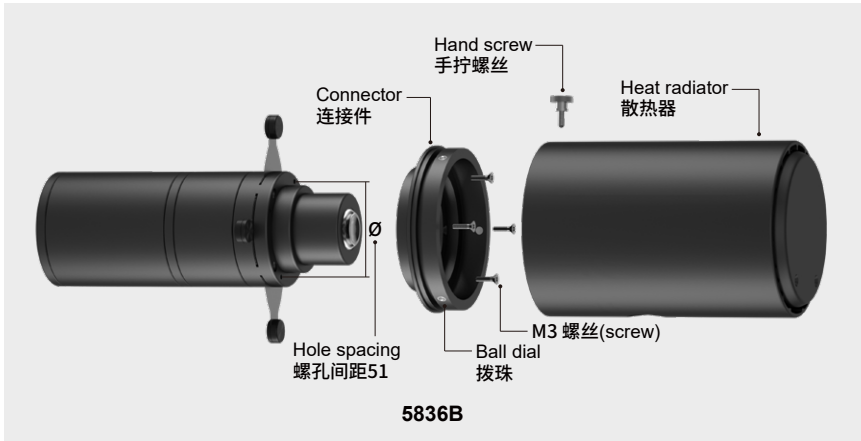
Lens model 镜头型号	5836B
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	15°-36°
Uniformity 均匀度	85%
TV distortion TV畸变	≤0.5%
Optical lens 光学镜片	11pcs
Light output rate 出光率	45%
Lens weight 镜头重量	604.2g
Filter specification 滤镜规格	Nonsupport 不支持
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.01/1
Gobo size 投影片尺寸	24mm内径(Inside diameter) 31.2mm外径(Outside diameter)



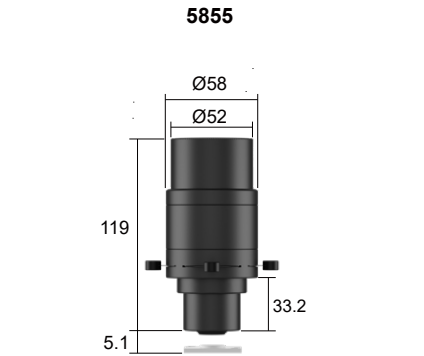
Radiator connection 散热器连接方式

The connection device between the lens and the radiator is a split device (connector), the connector can be removed and replaced. The lens is combined with the radiator through connector+4 pcs M3 screws+ball dial+hand screws.This connection method has a high degree of adaptability, can be arbitrarily matched to different specifications of the radiator, the connection is accurate and at the same time easy and quick to dismantle. As shown on the right.

镜头与散热器之间的连接装置为分体式装置(连接件),连接件可拆卸替换;镜头是通过连接件+4个M3螺丝+拨珠+手拧螺丝与散热器相组合,此连接方式适配程度高,连接精准的同时拆卸也方便快捷,如右图所示。



鲲鹏系列切光镜头——5855

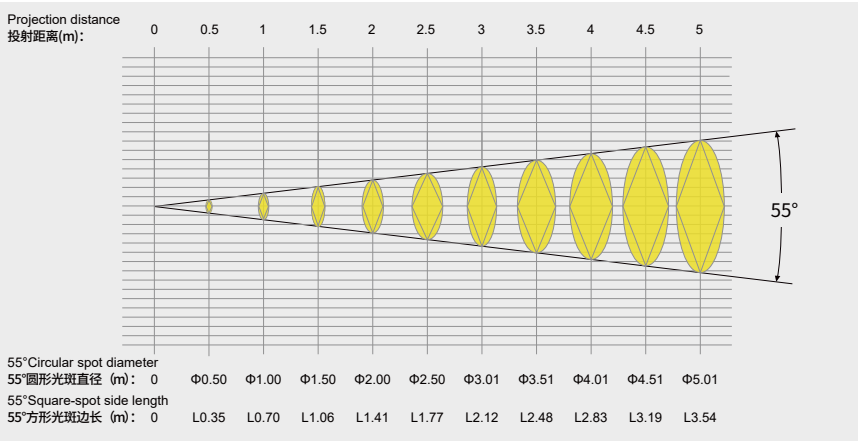


Matching luminous surface 适配光源发光面Ø<9mm

Official recommended light source 官方推荐光源

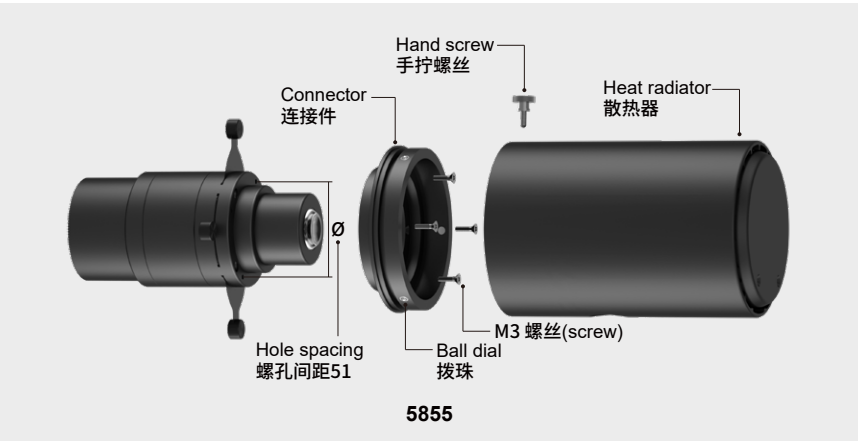
28W	TOYONIA 东洋T20
28-37W	CITIZEN 西铁城713

Specification parameter 规格参数



Lens model 镜头型号	5855
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	55°
Uniformity 均匀度	90%
TV distortion TV畸变	≤0.34%
Optical lens 光学镜片	11pcs
Light output rate 出光率	48%
Lens weight 镜头重量	479.2g
Filter specification 滤镜规格	Nonsupport 不支持
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.01/1
Gobo size 投影片尺寸	24mm内径(Inside diameter) 31.2mm外径(Outside diameter)

Radiator connection 散热器连接方式



The connection device between the lens and the radiator is a split device (connector), the connector can be removed and replaced. The lens is combined with the radiator through connector+4 pcs M3 screws+ball dial+hand screws.This connection method has a high degree of adaptability, can be arbitrarily matched to different specifications of the radiator, the connection is accurate and at the same time easy and quick to dismantle. As shown on the left.

镜头与散热器之间的连接装置为分体式装置(连接件),连接件可拆卸替换;镜头是通过连接件+4个M3螺丝+拨珠+手拧螺丝与散热器相组合,此连接方式适配程度高,连接精准的同时拆卸也方便快捷,如左图所示。

① High-definition optical lens design

A new optical path specially designed for COB light sources.

高清光学镜片设计

一种专门为COB光源设计的全新光路。

② Bidirectional stepless linear zoom design

Rotating the device to adjust the spot size.

双向无极线性变焦设计

转动该装置可调节光斑大小。

③ Multi-layer dry damping design

Rotating the device can change the sharpness of the spot.

多层干式阻尼设计

转动该装置可改变光斑锐度。

④ Optical-grade variable aperture design

Manual insertion and removal of the light cut sheet can freely change the shape of the spot.

光学级可变光阑设计

手动插拔切光片装置可随意改变光斑的形状。

Industrial Grade Optical Filters

It can match a variety of industrial-grade optical filters and support the customization of special narrowband and ultra narrowband optical filters. Some filter functions can be superimposed, such as HD UV+color filter, HD UV+soft filter, amongst others.

工业级光学滤镜

可匹配各种工业级光学滤镜, 可定做特殊窄带、极窄带光学滤镜, 部分滤镜功能可叠加, 例如: HD UV+颜色片滤镜, HD UV+柔光滤镜等等。



Diffuser 柔光滤镜



ND filter 减光滤镜



Color filter 颜色滤镜



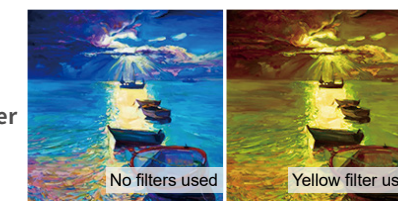
CPL filter 偏振滤镜



UV filter UV滤镜

GND filter 渐变滤镜

Color filter



The luminous color of the lamp can be adjusted according to your needs.

ND filter



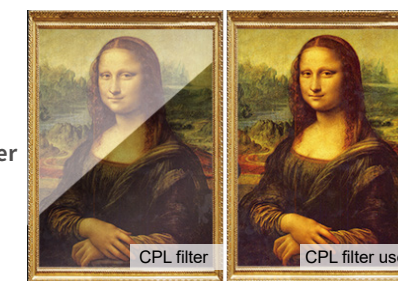
With electronic dimming, the small-angle illumination can be reduced to less than 75LUX, which is generally used for authentic lighting.

UV filter



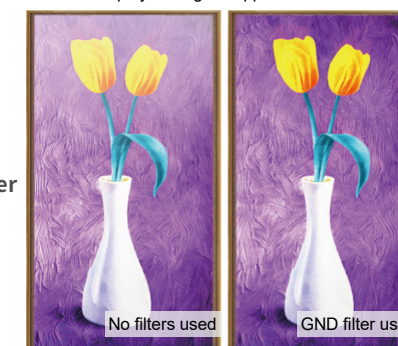
It can effectively filter UV rays in LED lamps and lanterns, thus protecting the illuminated object. It delivers superior performance in silk products lighting and cultural relics lighting.

CPL filter



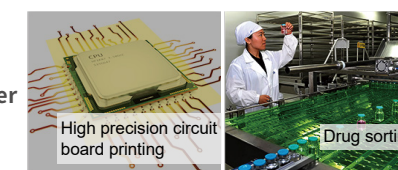
It can eliminate the reflection of the object's surface so that the object in a high luminosity environment can also display its original appearance.

GND filter



GND filter are used to alter the light ratio into the lens. For example, in illuminating the oblique side of the square position of the object, the use of gradient filters allows the even and constant illumination of the object.

Other filter



Various filters in special bands can be customized according to your actual needs. They can be used in various unique places, such as wafer cutting, high-precision circuit board printing, and drug sorting.

DQ series framing optic lens is a multifunctional optical lens which integrates spot shaping, zooming, and projection. It is a product with complete independent intellectual property rights and global patents. It can adjust the shape, size and sharpness of the spot; through the insertion of light blocking imaging, you can arbitrarily adjust the shape of the spot.

DQ series of framing optic lens belongs to the 1.5 generation of optical products, compared with the first generation has the following characteristics.

1. Zoom and fixed-focus lens can be arbitrarily switched (the same specifications under the DQ zoom lens and XQ fixed-focus lens can be directly replaced).
2. High light efficiency (compared to the first generation of products, the light efficiency increased by 35%).
3. Delicate rotation feel (linear zoom, delicate feel).
4. Full series supports zhaga protocol installation.



4525SE



4536SE



7525SE



7536SE

大乔系列切光镜头是一款集切光,变焦,投影,于一身的多功能光学镜头.是一款拥有完全自主知识产权和全球专利的产品.可调节光斑形状,大小和锐度;通过插片挡光成像,可任意调节光斑形状。

大乔系列切光镜头属于1.5代光学产品,跟1代比起来有以下特点。

- 1、**变焦与定焦镜头任意切换** (相同规格下大乔变焦镜头与小乔定焦镜头可直接替换)。
- 2、**高光效** (相比1代产品出光效率提升35%)。
- 3、**细腻的转动手感** (线性变焦,手感细腻)。
- 4、**全系列支持zhaga协议安装。**

Whole lamp combination type 整灯组合类型



大乔系列切光镜头——4525SE



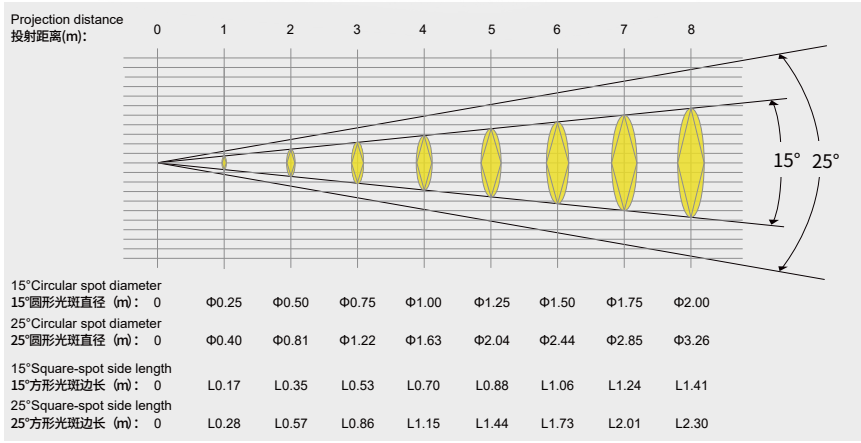
Matching luminous surface 适配光源发光面Ø<5mm

Official recommended light source 官方推荐光源

8-10W | CITIZEN 西铁城7A3 / TOYONIA 东洋T04

Specification parameter 规格参数

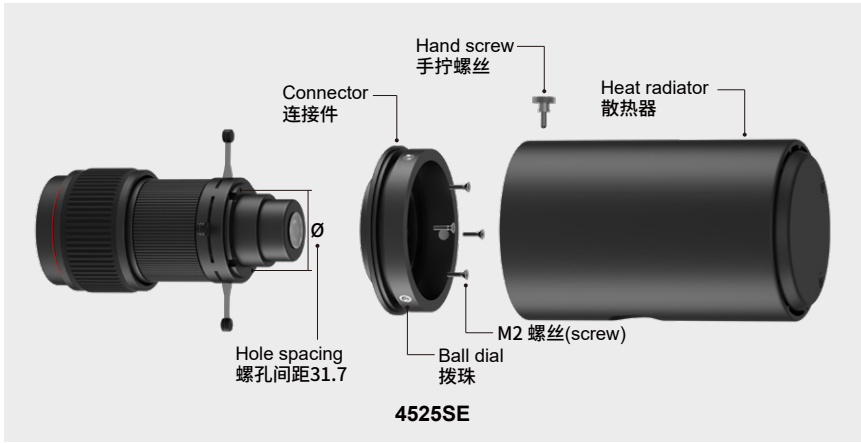
Lens model 镜头型号	4525SE
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	15°-25°
Uniformity 均匀度	83%
TV distortion TV畸变	≤1.5%
Optical lens 光学镜片	8pcs
Light output rate 出光率	45%
Lens weight 镜头重量	187g
Filter specification 滤镜规格	37mm
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.2/65%
Gobo size 投影片尺寸	10mm内径(Inside diameter) 19.7mm外径(Outside diameter)



Radiator connection 散热器连接方式

The connection device between the lens and the radiator is a split device (connector), the connector can be removed and replaced. The lens is combined with the radiator through connector+4 pcs M2 screws+ball dial+hand screws.This connection method has a high degree of adaptability, can be arbitrarily matched to different specifications of the radiator, the connection is accurate and at the same time easy and quick to dismantle. As shown on the right.

镜头与散热器之间的连接装置为分体式装置(连接件),连接件可拆卸替换;镜头是通过连接件+4个M2螺丝+拨珠+手拧螺丝与散热器相组合,此连接方式适配程度高,连接精准的同时拆卸也方便快捷,如右图所示。



大乔系列切光镜头——4536SE

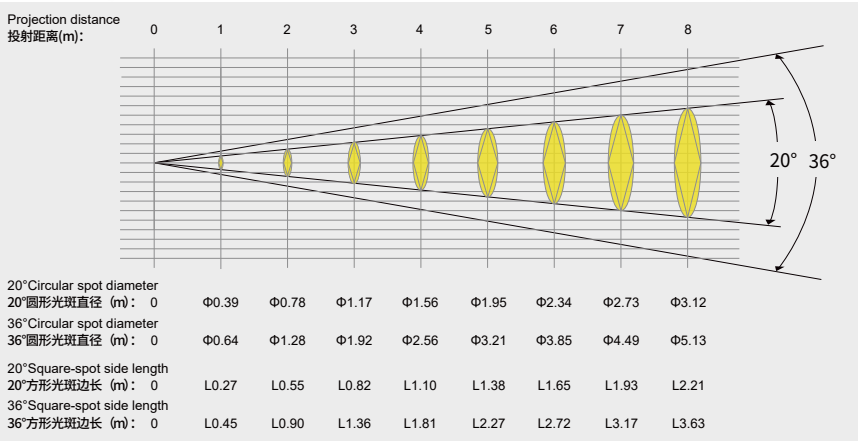


Matching luminous surface 适配光源发光面Ø<5mm

Official recommended light source 官方推荐光源

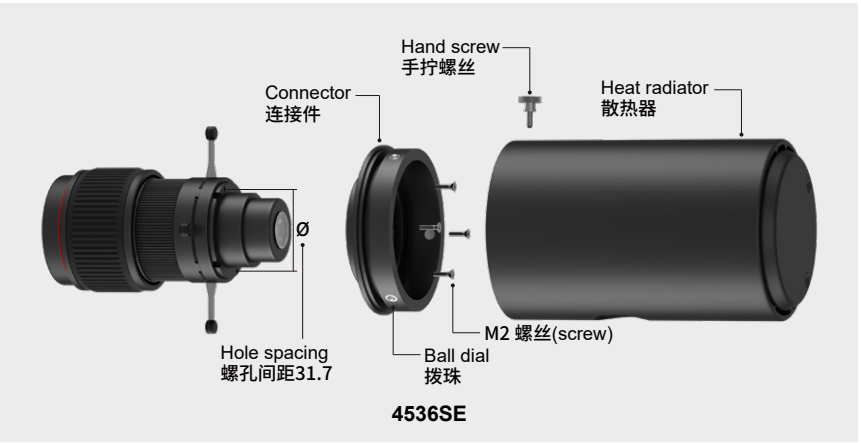
8-10W | CITIZEN 西铁城7A3 / TOYONIA 东洋T04

Specification parameter 规格参数



Lens model 镜头型号	4536SE
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	20°-36°
Uniformity 均匀度	83%
TV distortion TV畸变	≤1.8%
Optical lens 光学镜片	10pcs
Light output rate 出光率	45%
Lens weight 镜头重量	184g
Filter specification 滤镜规格	37mm
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.2/65%
Gobo size 投影片尺寸	10mm内径(Inside diameter) 19.7mm外径(Outside diameter)

Radiator connection 散热器连接方式



The connection device between the lens and the radiator is a split device (connector), the connector can be removed and replaced. The lens is combined with the radiator through connector+4 pcs M2 screws+ball dial+hand screws.This connection method has a high degree of adaptability, can be arbitrarily matched to different specifications of the radiator, the connection is accurate and at the same time easy and quick to dismantle. As shown on the left.

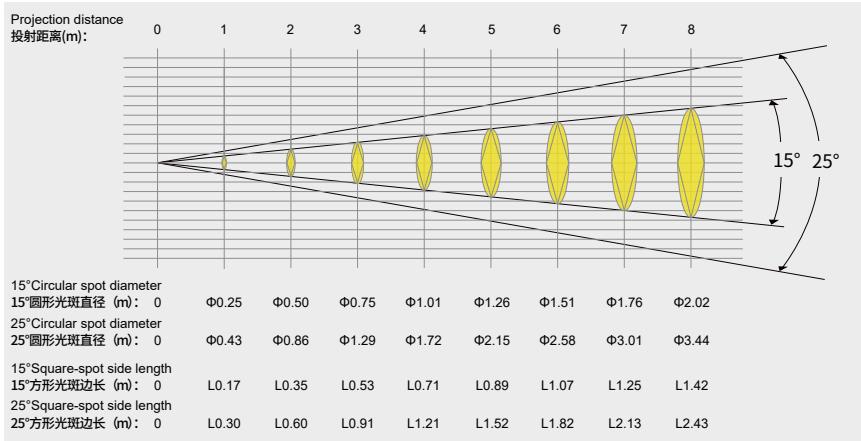
镜头与散热器之间的连接装置为分体式装置(连接件),连接件可拆卸替换;镜头是通过连接件+4个M2螺丝+拨珠+手拧螺丝与散热器相组合,此连接方式适配程度高,连接精准的同时拆卸也方便快捷,如左图所示。

大乔系列切光镜头——7525SE



Specification parameter 规格参数

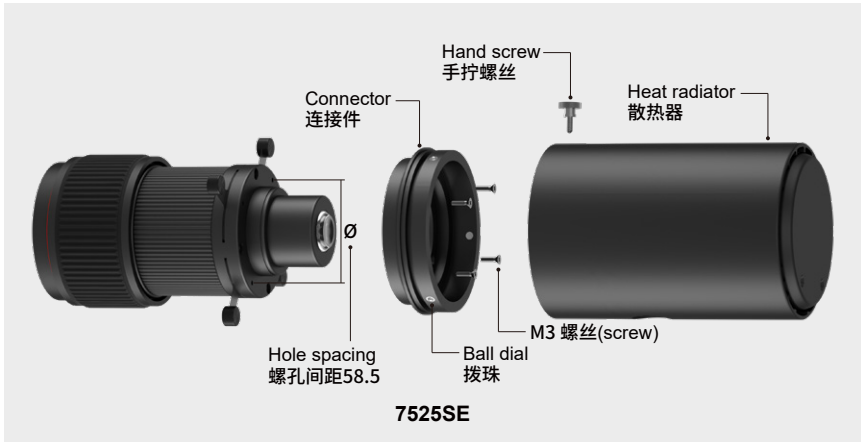
Lens model 镜头型号	7525SE
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	15°-25°
Uniformity 均匀度	80%
TV distortion TV畸变	≤1.5%
Optical lens 光学镜片	8pcs
Light output rate 出光率	55%
Lens weight 镜头重量	742g
Filter specification 滤镜规格	67mm
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.2/65%
Gobo size 投影片尺寸	18mm内径(Inside diameter) 31.2mm外径(Outside diameter)



Radiator connection 散热器连接方式

The connection device between the lens and the radiator is a split device (connector). the connector can be removed and replaced, The lens is combined with the radiator through connector+4 pcs M3 screws+ball dial+hand screws.This connection method has a high degree of adaptability, can be arbitrarily matched to different specifications of the radiator, the connection is accurate and at the same time easy and quick to dismantle. As shown on the right.

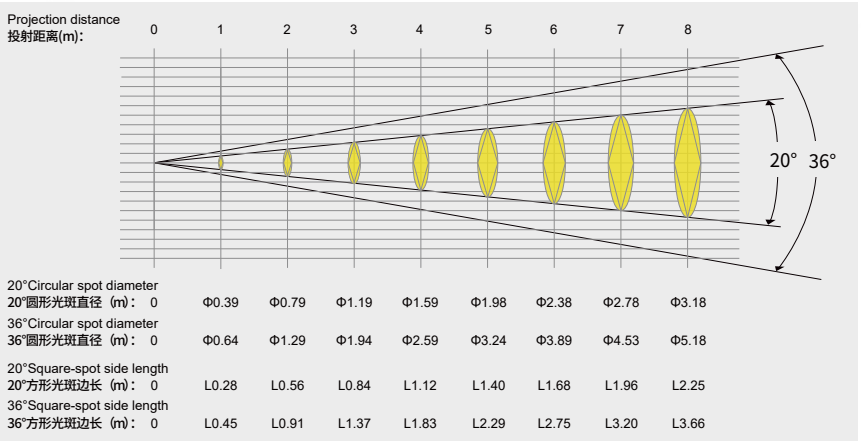
镜头与散热器之间的连接装置为分体式装置(连接件), 连接件可拆卸替换; 镜头是通过连接件+4个M3螺丝+拨珠+手拧螺丝与散热器相组合, 此连接方式适配程度高, 连接精准的同时拆卸也方便快捷, 如右图所示。



大乔系列切光镜头——7536SE

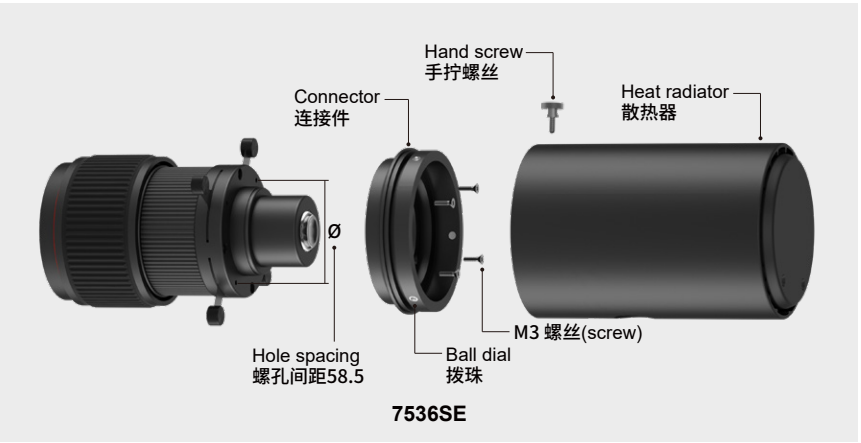


Specification parameter 规格参数



Lens model 镜头型号	7536SE
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	20°-36°
Uniformity 均匀度	80%
TV distortion TV畸变	≤1.8%
Optical lens 光学镜片	10pcs
Light output rate 出光率	55%
Lens weight 镜头重量	755.5g
Filter specification 滤镜规格	67mm
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.2/65%
Gobo size 投影片尺寸	18mm内径(Inside diameter) 31.2mm外径(Outside diameter)

Radiator connection 散热器连接方式



The connection device between the lens and the radiator is a split device (connector), the connector can be removed and replaced. The lens is combined with the radiator through connector+4 pcs M3 screws+ball dial+hand screws.This connection method has a high degree of adaptability, can be arbitrarily matched to different specifications of the radiator, the connection is accurate and at the same time easy and quick to dismantle. As shown on the left.

镜头与散热器之间的连接装置为分体式装置(连接件), 连接件可拆卸替换; 镜头是通过连接件+4个M3螺丝+拨珠+手拧螺丝与散热器相组合, 此连接方式适配程度高, 连接精准的同时拆卸也方便快捷, 如左图所示。

小乔系列切光镜头——画幅1:0.8

XQ Series Framing Optic Lens. Frame size 1:0.8



Diffuser 柔光滤镜



Color filter 颜色滤镜



ND filter 减光滤镜



CPL filter 偏振滤镜



UV filter UV滤镜

GND filter 渐变滤镜

Industrial Grade Optical Filters

It can match a variety of industrial-grade optical filters and support the customization of special narrowband and ultra narrowband optical filters. Some filter functions can be superimposed, such as HD UV+color filter, HD UV+soft filter, amongst others.

工业级光学滤镜

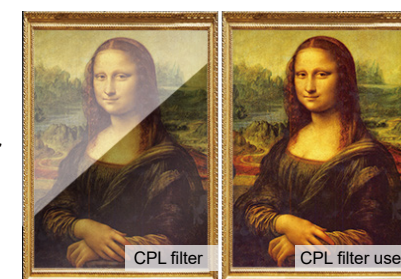
可匹配各种工业级光学滤镜,可定做特殊窄带、极窄带光学滤镜,部分滤镜功能可叠加,例如:HD UV+颜色片滤镜,HD UV+柔光滤镜等等。

UV filter



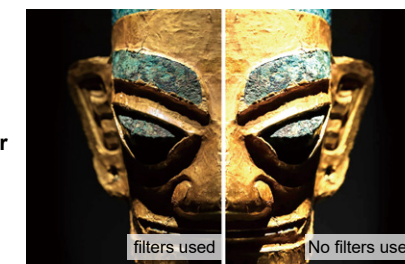
It can effectively filter UV rays in LED lamps and lanterns, thus protecting the illuminated object. It delivers superior performance in silk products lighting and cultural relics lighting.

CPL filter



It can eliminate the reflection of the CPL filter so that the object in a high luminosity environment can also display its original appearance.

ND filter



With electronic dimming, the small-angle illumination can be reduced to less than 75LUX, which is generally used for authentic lighting.

GND filter



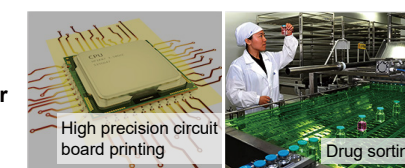
GND filter are used to alter the light ratio into the lens. For example, in illuminating the oblique side of the square position of the object, the use of gradient filters allows the even and constant illumination of the object.

Color filter



The luminous color of the lamp can be adjusted according to your needs.

Other filter



Various filters in special bands can be customized according to your actual needs. They can be used in various unique places, such as wafer cutting, high-precision circuit board printing, and drug sorting.

小乔系列切光镜头

XQ series framing optic lens is a very powerful shapeable light, any of its functions can be dismantled to be close to perfection in that area of functionality, with a 55 degree wide angle, no distortion, no blue edges, no chromatic aberration and support for 4K HD projection.

XQ series framing optic lens belongs to the 2.0 generation of optical products, compared with the first generation has the following characteristics.

- 1.The four sides with the same sharp, square spot or rectangular spot can be achieved on all four sides of the same sharpness.
2. Zoom and fixed-focus lens can be switched freely (DQ series zoom lens and XQ series lens can be switched freely under the same specifications).
3. Dust-free at all focal lengths. (Whether it is sharp light or soft light, it does not show impurities).
4. No blue edge (In any state, there is no blue edge at the edge of the light spot).
5. Full-size projection (spot size and projection size can be 1:1, and has extremely high image resolution).
6. Full series supports zhaga protocol installation.

小乔系列切光镜头是一款功能非常强悍的光学镜头.它的任何一个功能拆解出来均能在该功能领域接近完美.拥有55°的超大广角镜头,无畸变、无蓝边、无色差,支持超清全尺寸投影功能。

小乔系列切光镜头属于2代光学产品,跟1代比起来有以下特点。

- 1、四边同锐 (任意四边形光斑可以做到4条边的锐度相同)。
- 2、变焦与定焦镜头任意切换 (相同规格下大乔变焦镜头与小乔定焦镜头可直接替换)。
- 3、全焦段无尘 (不管是硬光还是柔光状态下,均不在显示杂点)。
- 4、无蓝边 (在任意状态下,光斑边缘均无蓝边出现)。
- 5、全尺寸投影 (光斑尺寸与投影尺寸可做到1:1,并且拥有极高的图像分辨率)。
- 6、全系列支持zhaga协议安装。

7555

6055

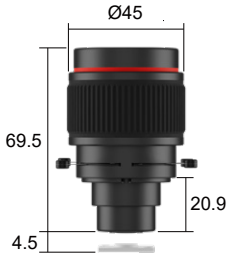
4555

Whole lamp combination type 整灯组合类型



小乔系列切光镜头——4555

4555

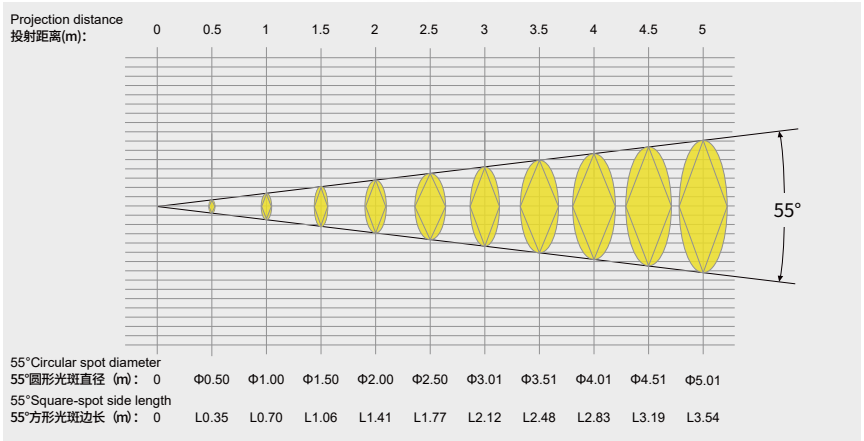


Matching luminous surface 适配光源发光面Ø<5mm

Official recommended light source 官方推荐光源

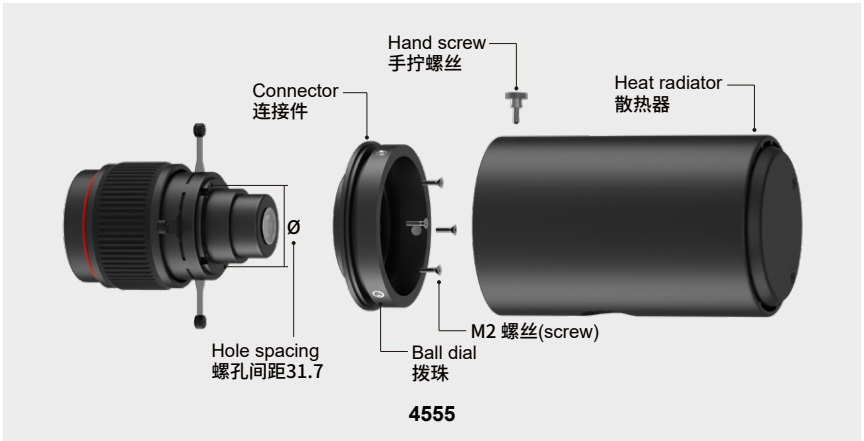
8-10W CITIZEN 西铁城7A3 / TOYONIA 东洋T04

Specification parameter 规格参数



Lens model 镜头型号	4555
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	55°
Uniformity 均匀度	90%
TV distortion TV畸变	≤0.6%
Optical lens 光学镜片	10pcs
Light output rate 出光率	43%
Lens weight 镜头重量	175g
Filter specification 滤镜规格	37mm
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.01/1
Gobo size 投影片尺寸	14mm内径(Inside diameter) 19.7mm外径(Outside diameter)

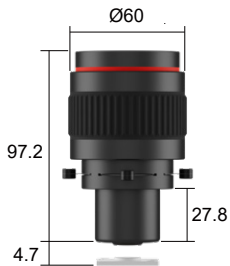
Radiator connection 散热器连接方式



The connection device between the lens and the radiator is a split device (connector), the connector can be removed and replaced. The lens is combined with the radiator through connector+4 pcs M2 screws+ball dial+hand screws. This connection method has a high degree of adaptability, can be arbitrarily matched to different specifications of the radiator, the connection is accurate and at the same time easy and quick to dismantle. As shown on the left.

镜头与散热器之间的连接装置为分体式装置(连接件),连接件可拆卸替换;镜头是通过连接件+4个M2螺丝+拨珠+手拧螺丝与散热器相组合,此连接方式适配程度高,连接精准的同时拆卸也方便快捷,如左图所示。

6055



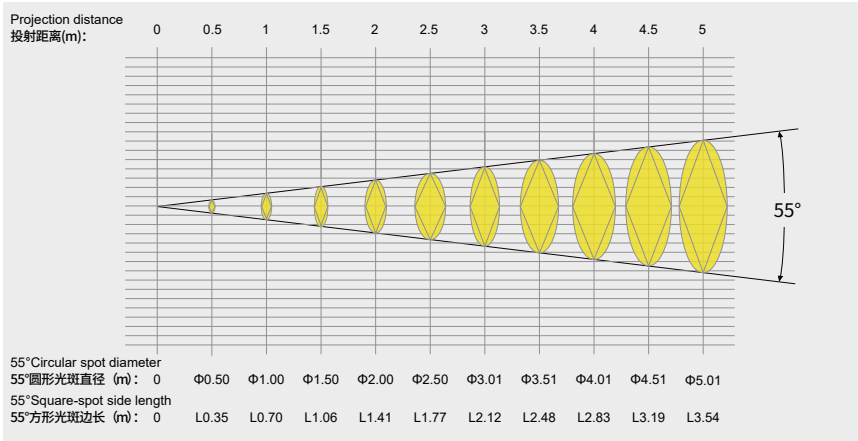
Matching luminous surface 适配光源发光面 $\varnothing < 7\text{mm}$

Official recommended light source 官方推荐光源

20W	CITIZEN 西铁城703 / TOYONIA 东洋T20
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Specification parameter 规格参数

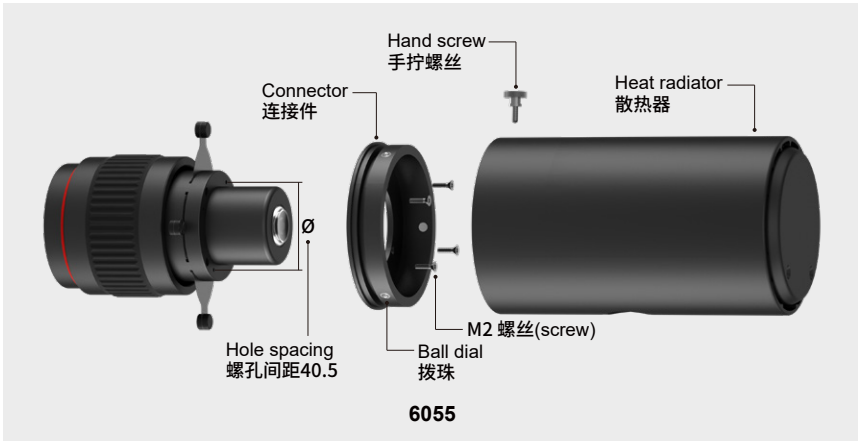
Lens model 镜头型号	6055
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	55°
Uniformity 均匀度	90%
TV distortion TV畸变	≤0.5%
Optical lens 光学镜片	10pcs
Light output rate 出光率	48%
Lens weight 镜头重量	385g
Filter specification 滤镜规格	52mm
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.01/1
Gobo size 投影片尺寸	19mm内径(Inside diameter) 24.5mm外径(Outside diameter)



Radiator connection 散热器连接方式

The connection device between the lens and the radiator is a split device (connector), the connector can be removed and replaced. The lens is combined with the radiator through connector+4 pcs M2 screws+ball dial+hand screws.This connection method has a high degree of adaptability, can be arbitrarily matched to different specifications of the radiator, the connection is accurate and at the same time easy and quick to dismantle. As shown on the right.

镜头与散热器之间的连接装置为分体式装置(连接件),连接件可拆卸替换;镜头是通过连接件+4个M2螺丝+拨珠+手拧螺丝与散热器相组合,此连接方式适配程度高,连接精准的同时拆卸也方便快捷,如右图所示。



7555

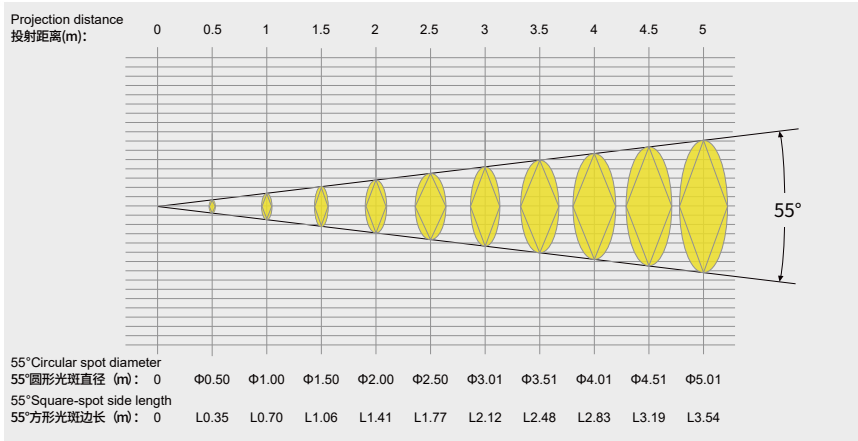


Matching luminous surface 适配光源发光面 $\varnothing < 9\text{mm}$

Official recommended light source 官方推荐光源

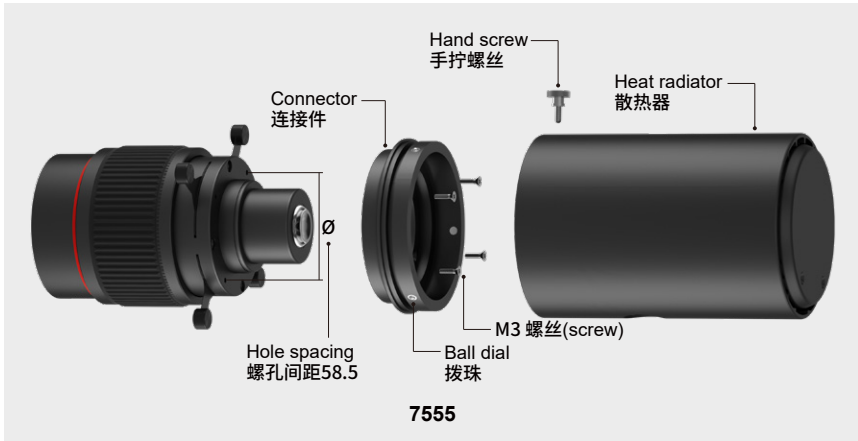
20W	CITIZEN 西铁城703
20-28W	TOYONIA 东洋T20
28-37W	CITIZEN 西铁城713

Specification parameter 规格参数



Lens model 镜头型号	7555
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	55°
Uniformity 均匀度	90%
TV distortion TV畸变	≤0.34%
Optical lens 光学镜片	11pcs
Light output rate 出光率	48%
Lens weight 镜头重量	740g
Filter specification 滤镜规格	67mm
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.01/1
Gobo size 投影片尺寸	24mm内径(Inside diameter) 31.2mm外径(Outside diameter)

Radiator connection 散热器连接方式



The connection device between the lens and the radiator is a split device (connector). The lens is combined with the radiator through connector+4 pcs M3 screws+ball dial+hand screws.This connection method has a high degree of adaptability, can be arbitrarily matched to different specifications of the radiator, the connection is accurate and at the same time easy and quick to dismantle. As shown on the left.

镜头与散热器之间的连接装置为分体式装置(连接件),连接件可拆卸替换;镜头是通过连接件+4个M3螺丝+拨珠+手拧螺丝与散热器相组合,此连接方式适配程度高,连接精准的同时拆卸也方便快捷,如左图所示。



歌者系列切光镜头——画幅1:0.8
GZ Series Framing Optic Lens. Frame size 1:0.8



① High-definition optical lens design

A new optical path specially designed for COB light sources.

高清光学镜片设计

一种专门为COB光源设计的全新光路。

② Multi-layer dry damping design

Rotating the device to adjust the spot size.

多层干式阻尼设计

转动该装置可调节光斑大小。

③ Multi-layer dry damping design

Rotating the device can change the sharpness of the spot.

多层干式阻尼设计

转动该装置可改变光斑锐度。



④ Optical-grade variable aperture design

Manual insertion and removal of the light cut sheet can freely change the shape of the spot.

光学级可变光阑设计

手动插拔切光片装置可随意改变光斑的形状。

GZ series framing optic lens features a compact design, with dry mechanical damping system. It achieves stable and reliable front and rear zoom, spot shaping and projection, ultra-high cost performance. Its optical and electric performance is the same as DQ Series.

GZ series framing optic lens belong to the 1.5 generation optical products which have the following characteristics compared with I generation.

1. High light efficiency (compared to the first generation of products, the light efficiency increased by 35%).
2. Delicate rotation feel (linear zoom, delicate feel).
3. Full series supports zhaga protocol installation

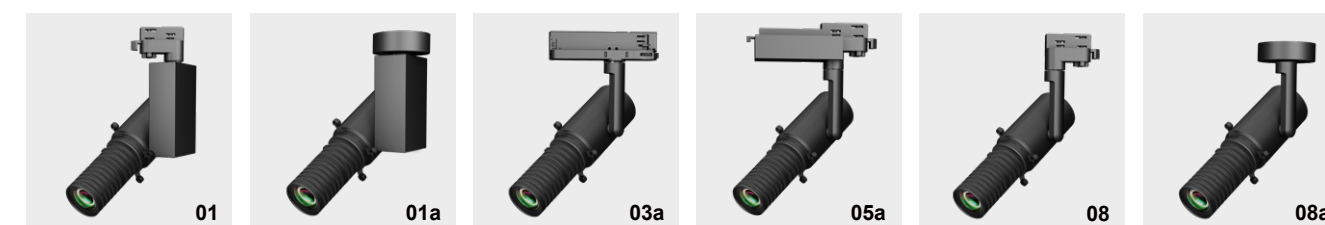
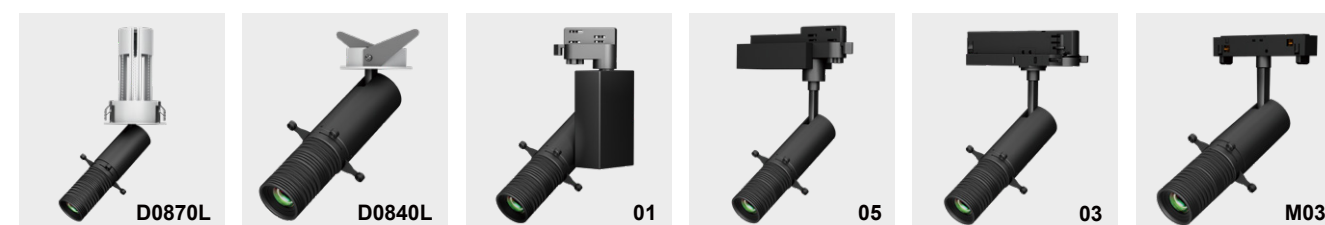
歌者系列切光镜头是紧凑型设计的光学镜头,自带干式机械阻尼系统,前后变焦切光投影稳定可靠,超高性价比,其光电性能与大乔系列切光镜头无异。

歌者系列切光镜头属于1.5代光学产品,跟1代比起来有以下特点。

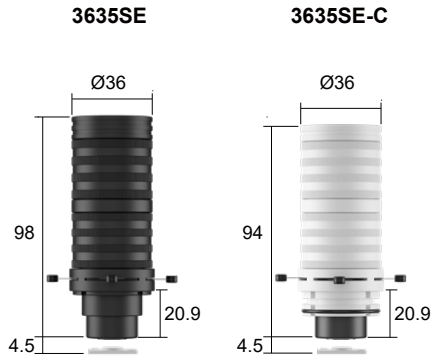
- 1、高光效(相比1代产品出光效率提升35%)。
- 2、细腻的手感(线性变焦,手感细腻)。
- 3、全系列支持zhaga协议安装。



Whole lamp combination type 整灯组合类型



歌者系列切光镜头——3635SE / 3635SE-C



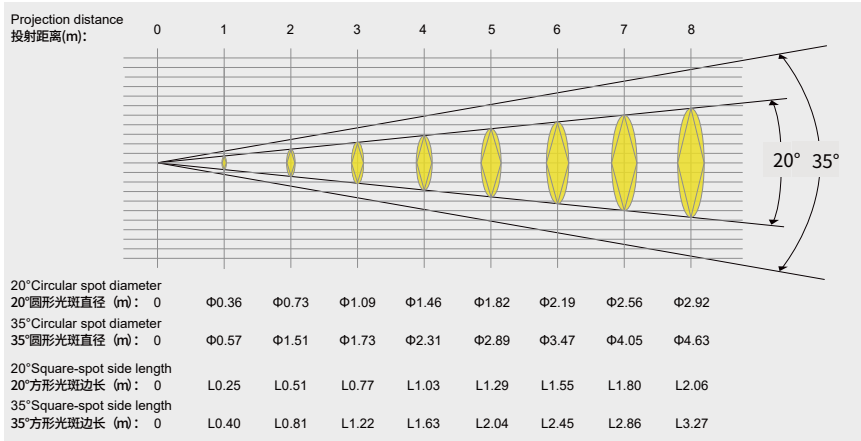
Matching luminous surface 适配光源发光面Ø<5mm

Official recommended light source 官方推荐光源

8-10W | CITIZEN 西铁城7A3 / TOYONIA 东洋T04

Specification parameter 规格参数

Lens model 镜头型号	3635SE / 3635SE-C
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	20°-35°
Uniformity 均匀度	80%
TV distortion TV畸变	≤1.8%
Optical lens 光学镜片	8pcs
Light output rate 出光率	43%
Lens weight 镜头重量	142.5g
Filter specification 滤镜规格	32mm
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.2/65%
Gobo size 投影片尺寸	10mm内径(Inside diameter) 19.7mm外径(Outside diameter)



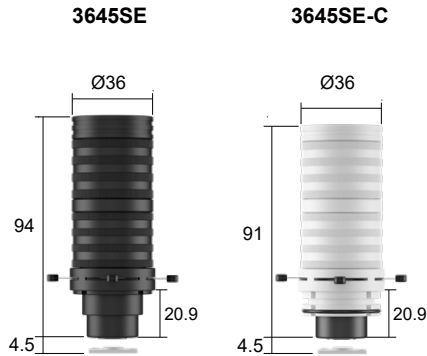
Radiator connection 散热器连接方式

In order to meet the needs of different users, according to the difference of the structural parts connected with the radiator, the connection device of the lens can be divided into conventional (detachable, split connection device) and C (non-detachable, integrated connection device), increasing the selectivity at the same time, the matching of the radiator is more diverse, so that it is convenient to disassemble and accurately connected.

为满足不同用户的使用需求,研发部门针对散热器连接的结构件不同,镜头的连接装置可分为常规款(可拆卸,分体式连接装置)、C款(不可拆卸,一体式连接装置),增加选择性的同时,散热器的匹配性也更加多样,做到拆卸方便,精准连接。



歌者系列切光镜头——3645SE / 3645SE-C

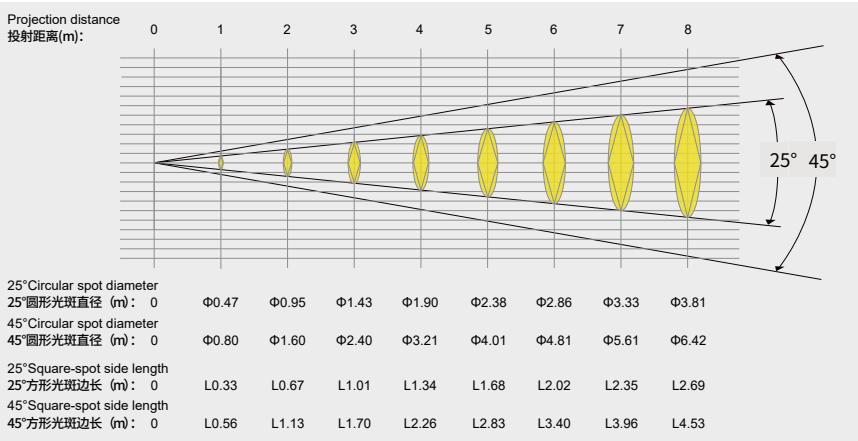


Matching luminous surface 适配光源发光面Ø<5mm

Official recommended light source 官方推荐光源

8-10W | CITIZEN 西铁城7A3 / TOYONIA 东洋T04

Specification parameter 规格参数



Lens model 镜头型号	3645SE / 3645SE-C
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	25°-45°
Uniformity 均匀度	80%
TV distortion TV畸变	≤3%
Optical lens 光学镜片	10pcs
Light output rate 出光率	43%
Lens weight 镜头重量	148.4g
Filter specification 滤镜规格	32mm
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.2/65%
Gobo size 投影片尺寸	10mm内径(Inside diameter) 19.7mm外径(Outside diameter)

Radiator connection 散热器连接方式



In order to meet the needs of different users, according to the difference of the structural parts connected with the radiator, the connection device of the lens can be divided into conventional (detachable, split connection device) and C (non-detachable, integrated connection device), increasing the selectivity at the same time, the matching of the radiator is more diverse, so that it is convenient to disassemble and accurately connected.

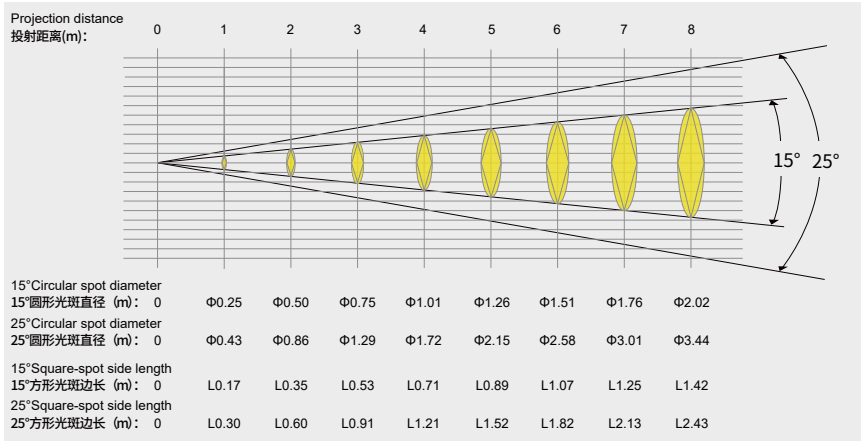
为满足不同用户的使用需求,研发部门针对散热器连接的结构件不同,镜头的连接装置可分为常规款(可拆卸,分体式连接装置)、C款(不可拆卸,一体式连接装置),增加选择性的同时,散热器的匹配性也更加多样,做到拆卸方便,精准连接。

歌者系列切光镜头——6025SE



Specification parameter 规格参数

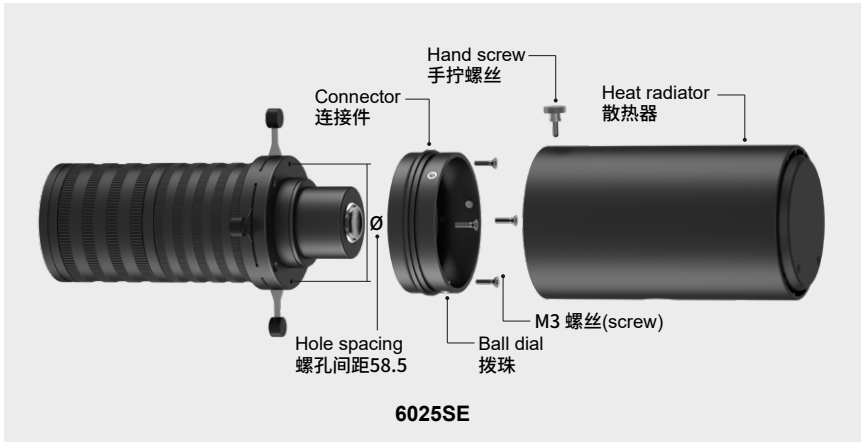
Lens model 镜头型号	6025SE
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	15°-25°
Uniformity 均匀度	80%
TV distortion TV畸变	≤1.5%
Optical lens 光学镜片	8pcs
Light output rate 出光率	50%
Lens weight 镜头重量	545g
Filter specification 滤镜规格	58mm
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.2/65%
Gobo size 投影片尺寸	17mm内径(Inside diameter) 31.2mm外径(Outside diameter)



Radiator connection 散热器连接方式

The connection device between the lens and the radiator is a split device (connector), the connector can be removed and replaced. The lens is combined with the radiator through connector+4 pcs M3 screws+ball dial+hand screws.This connection method has a high degree of adaptability, can be arbitrarily matched to different specifications of the radiator, the connection is accurate and at the same time easy and quick to dismantle. As shown on the right.

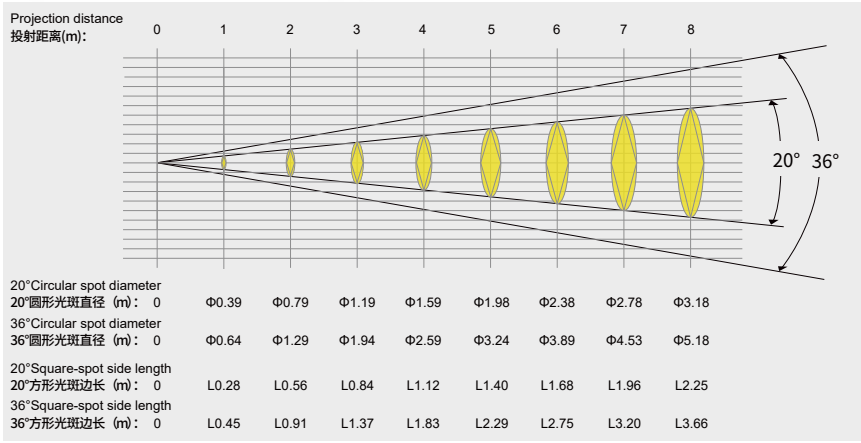
镜头与散热器之间的连接装置为分体式装置(连接件),连接件可拆卸替换;镜头是通过连接件+4个M3螺丝+拨珠+手拧螺丝与散热器相组合,此连接方式适配程度高,连接精准的同时拆卸也方便快捷,如右图所示。



歌者系列切光镜头——6036SE

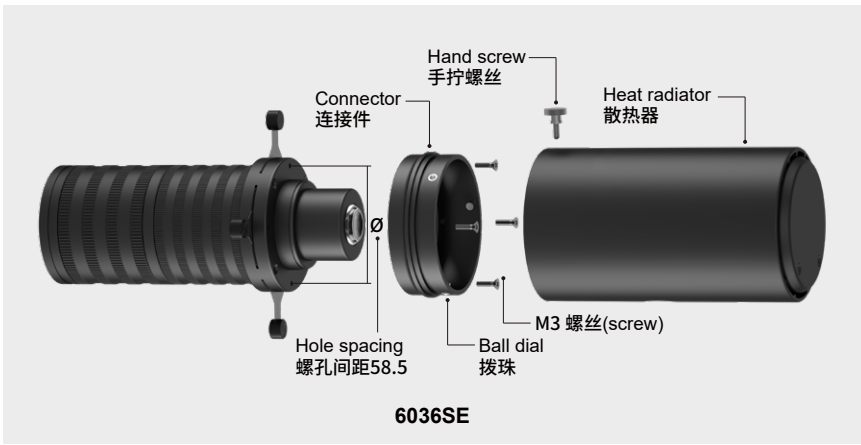


Specification parameter 规格参数



Lens model 镜头型号	6036SE
Housing Colour 外壳颜色	Black 黑 / White 白
Beam angle range 变焦范围	20°-36°
Uniformity 均匀度	80%
TV distortion TV畸变	≤1.8%
Optical lens 光学镜片	10pcs
Light output rate 出光率	50%
Lens weight 镜头重量	610g
Filter specification 滤镜规格	58mm
Protocol Support 协议支持	Zhaga
Projection resolution/sharpness 投影分辨率/锐度	0.2/65%
Gobo size 投影片尺寸	17mm内径(Inside diameter) 31.2mm外径(Outside diameter)

Radiator connection 散热器连接方式



The connection device between the lens and the radiator is a split device (connector). The lens is combined with the radiator through connector+4 pcs M3 screws+ball dial+hand screws.This connection method has a high degree of adaptability, can be arbitrarily matched to different specifications of the radiator, the connection is accurate and at the same time easy and quick to dismantle. As shown on the left.

镜头与散热器之间的连接装置为分体式装置(连接件),连接件可拆卸替换;镜头是通过连接件+4个M3螺丝+拨珠+手拧螺丝与散热器相组合,此连接方式适配程度高,连接精准的同时拆卸也方便快捷,如左图所示。