

BESUN LED LIMITED

BESUN ALL SERIES FRAMING LED TRACK LIGHT

2024

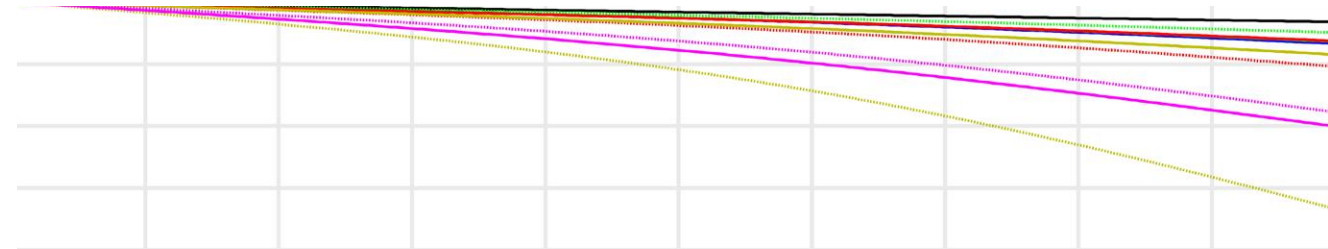
Come from BESUN, go for BEing SUN.



BESUN[®] LED LIMITED
深圳市冰晟光电科技有限公司

Add: 8/F, C Building, Guancheng Low Carbon Industrial Park, Shangcun,
Guangming New District, Shenzhen, Guangdong, China . 518106
Tel: 86-755-23400311 Fax: 86-755-29484692
Email: sales@besun-led.com www.besun-led.com
www.besun-led.en.alibaba.com





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.

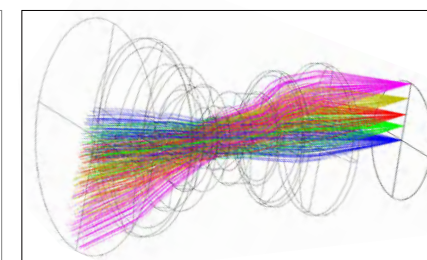
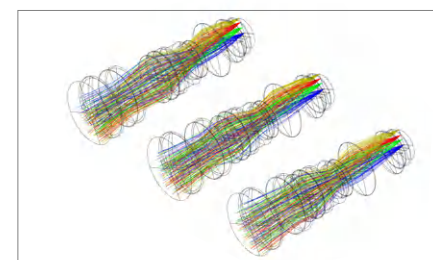
Along with the start-up development of China's LED lighting industry, BESUN LED has maintained a leading position in the Chinese market for more than 10 consecutive years. We are one of the companies with the earliest entry into the domestic imaging lighting field, the deepest technical reserves, and the most complete industrial layout. BSUN 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.

作为成像光学照明技术引领者，深圳市冰晟光电科技有限公司(BESUN LED LIMITED.)是国内最早专注于成像光学照明领域的公司之一。以“成为成像照明领域全球领先的顶尖专业产品与服务提供商”为企业愿景，冰晟持续专注于提供精准与专业的光学设计、光学产品、光学配件、光学控制等服务。

冰晟光电伴随中国LED照明产业起步发展，连续10余年保持中国市场领先地位，是国内成像照明领域进入时间最早、技术储备最深厚、产业布局最完备的公司之一。公司已形成了完整的成像光学照明战略布局，拥有从算法、设计、材料等核心技术研发到各类终端应用的研发制造能力。冰晟光电以丰富的实战经验，率先实现成像光学系统在多行业/领域的应用（成像照明光学，机器视觉，光刻机光学等），十余年来开拓了大量成像照明领域的先河，始终见证、推动、引领中国成像照明市场的发展。

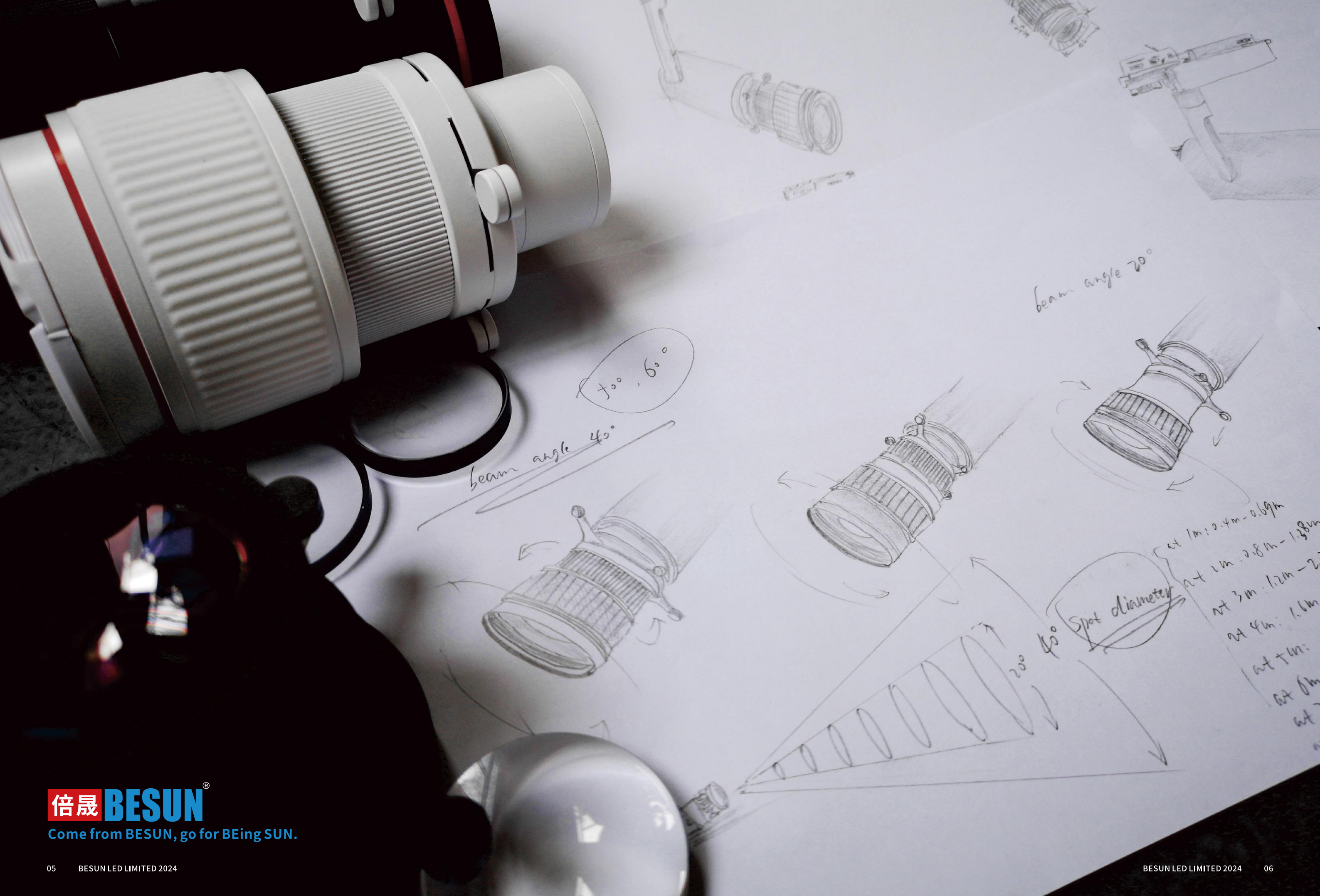
依据多年全球化发展基础，冰晟光电已形成全球化业务布局和服务能力，以全球化视野进行全球资源配置，构建了以中国、美国、俄罗斯、德国、意大利、韩国在内的国内外产品研发、生产与营销体系，拥有超过10余项国际专利，技术涵盖设计，光学，材料学，高精度机加工，软件及多系统组合的硬件、软件及各类算法，产品远销全球90多个国家和地区，为推动全球成像光学照明发展奠定坚实基础。





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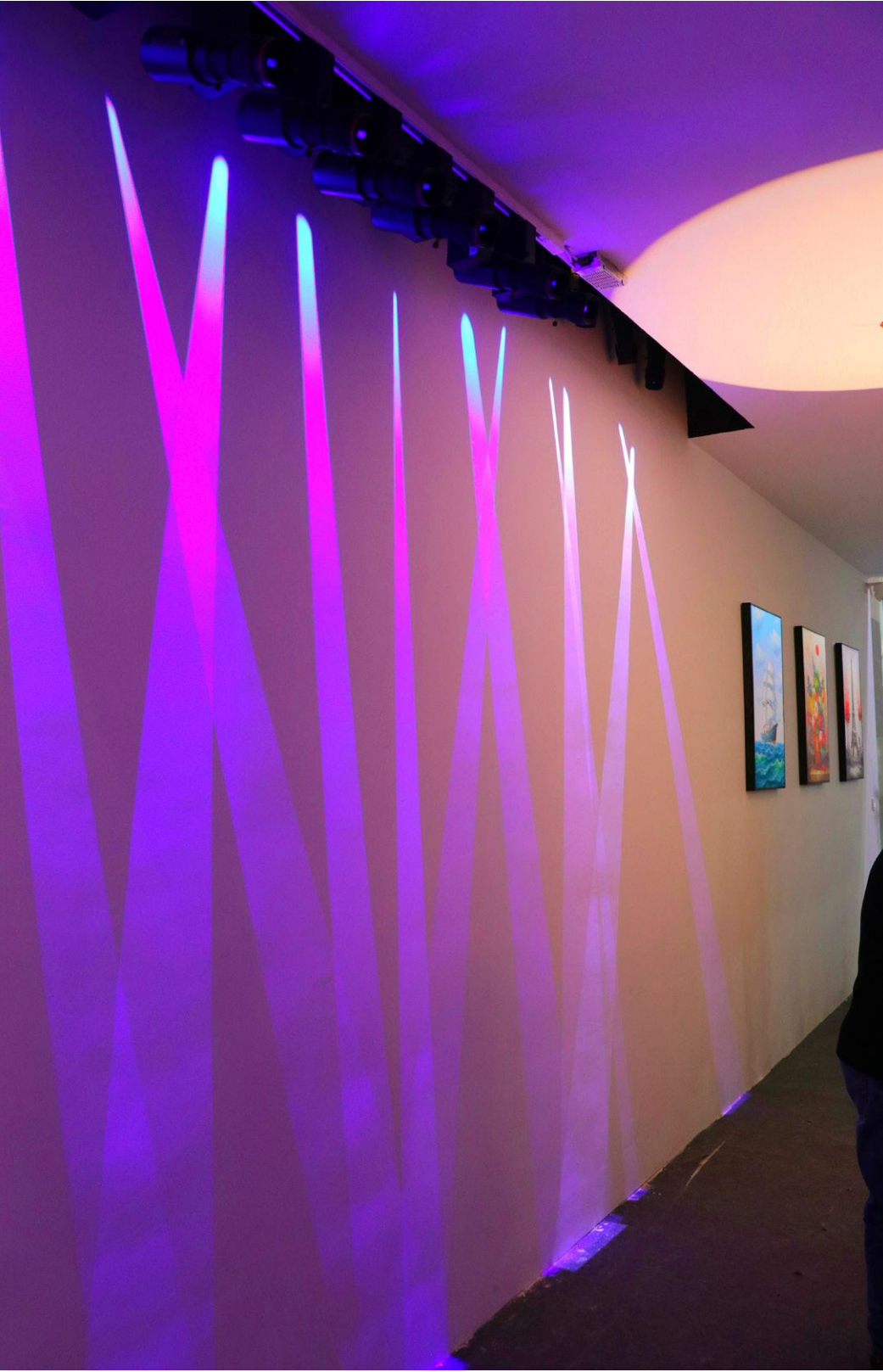


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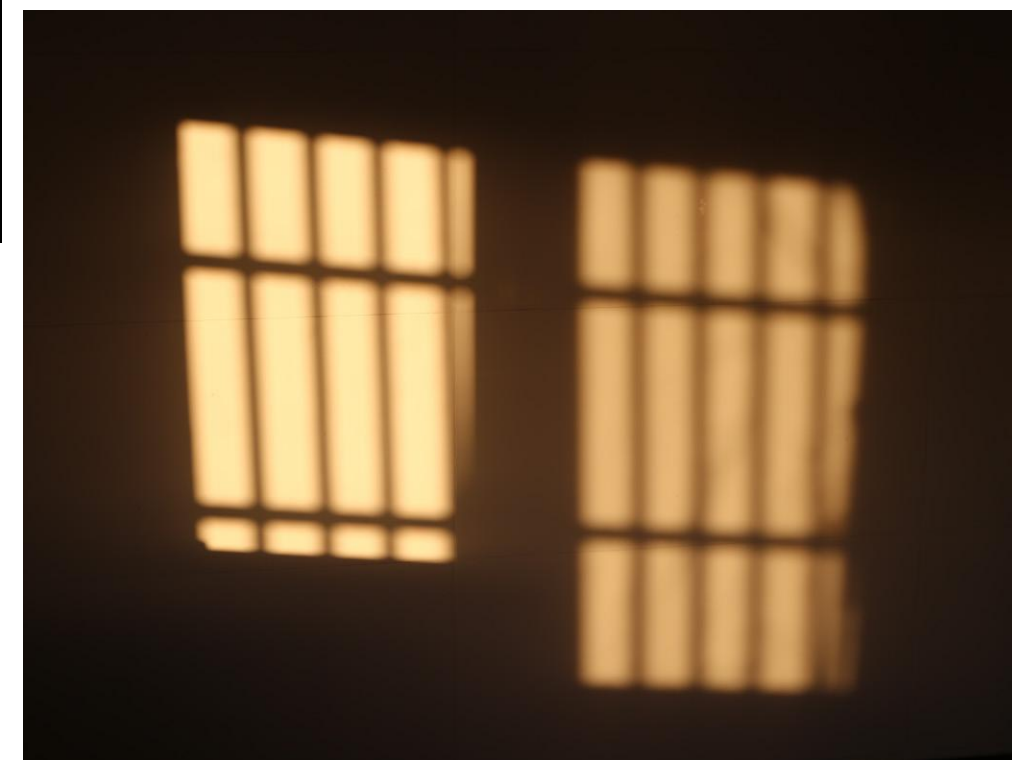








Light and shadow give life more layers.





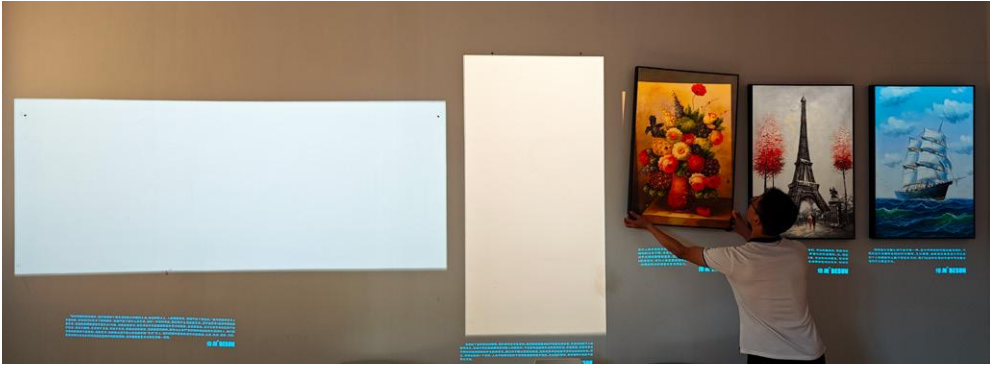
shaping + projection explanation, the combination of practicality and artistic conception, the collision of picture and text, BESUN provides you with higher-precision text projection.



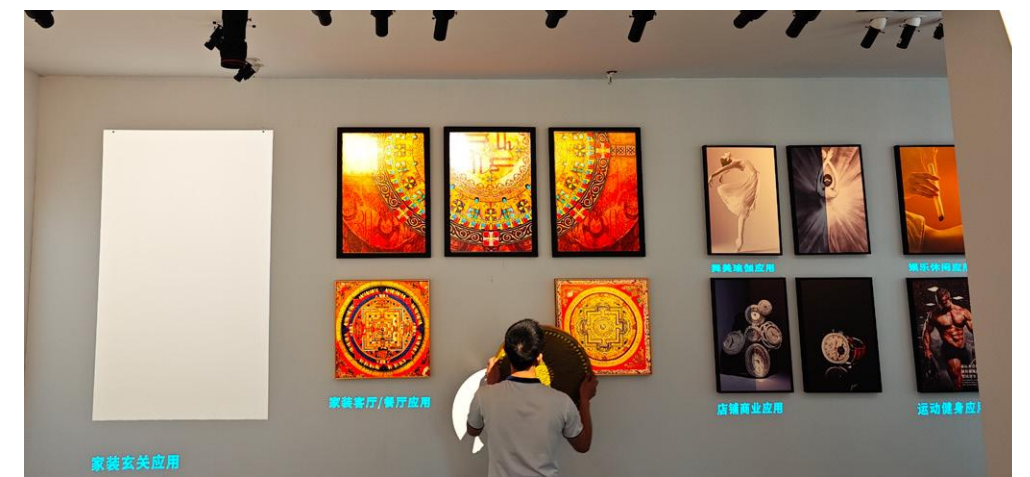
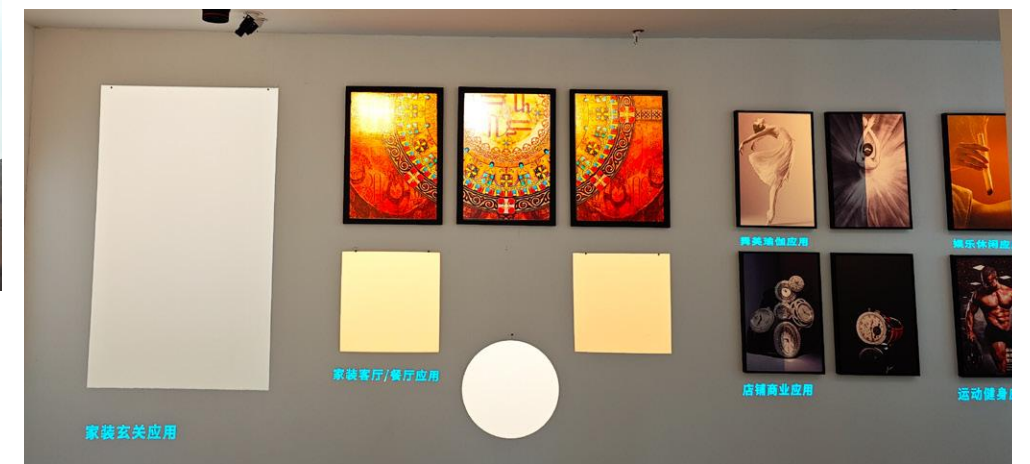
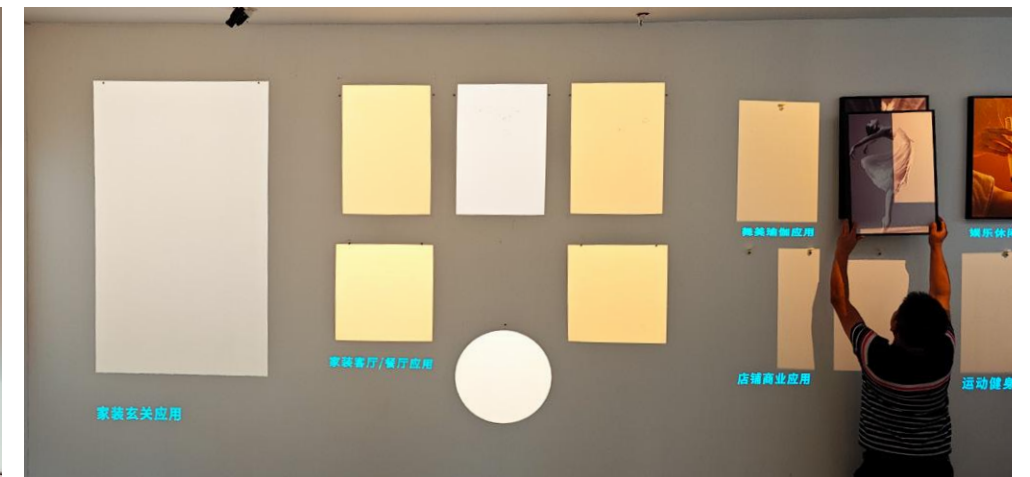
《星月夜》是后印象派画家梵·高的代表作之一。在这幅画中，梵·高用夸张的手法，生动地描绘了充满运动和变化的星空。夜晚的天空高又远，大星、小星回旋于夜空，金黄的满月形成巨大的漩涡，星云的短线条纠结、盘旋，仿佛让人们看见时光的流逝。暗绿褐色的柏树像巨大的火焰，是星夜狂欢的响应者。天空下，安睡的村庄那么宁静、安详。淡蓝的色调，动感的线条，给人自由的时空感。

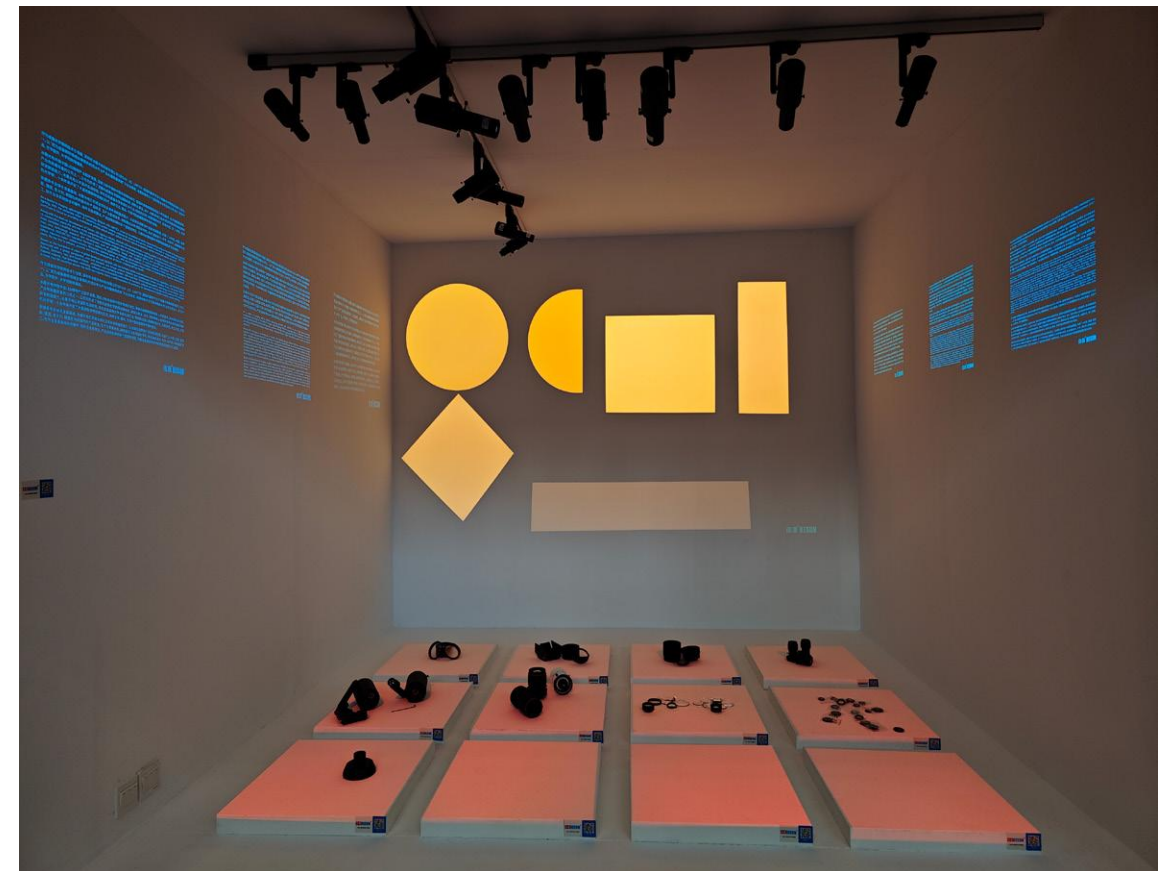
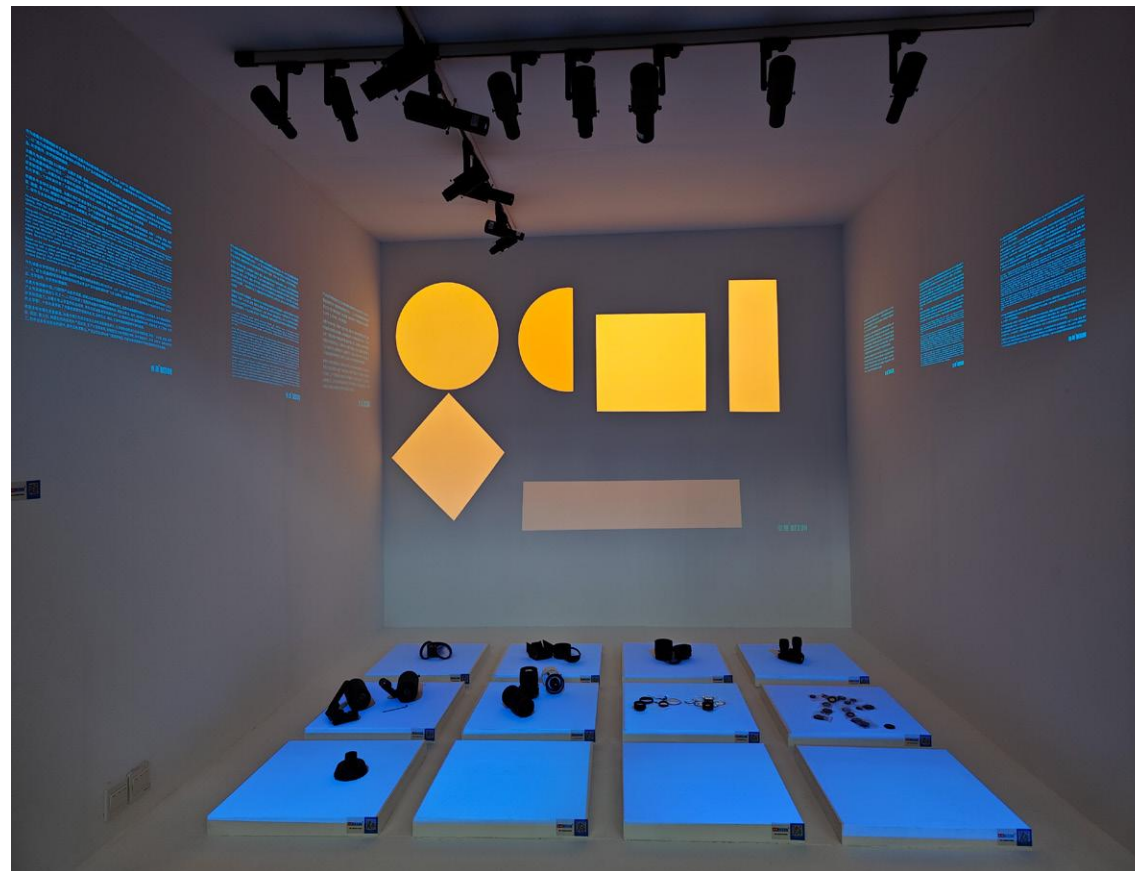
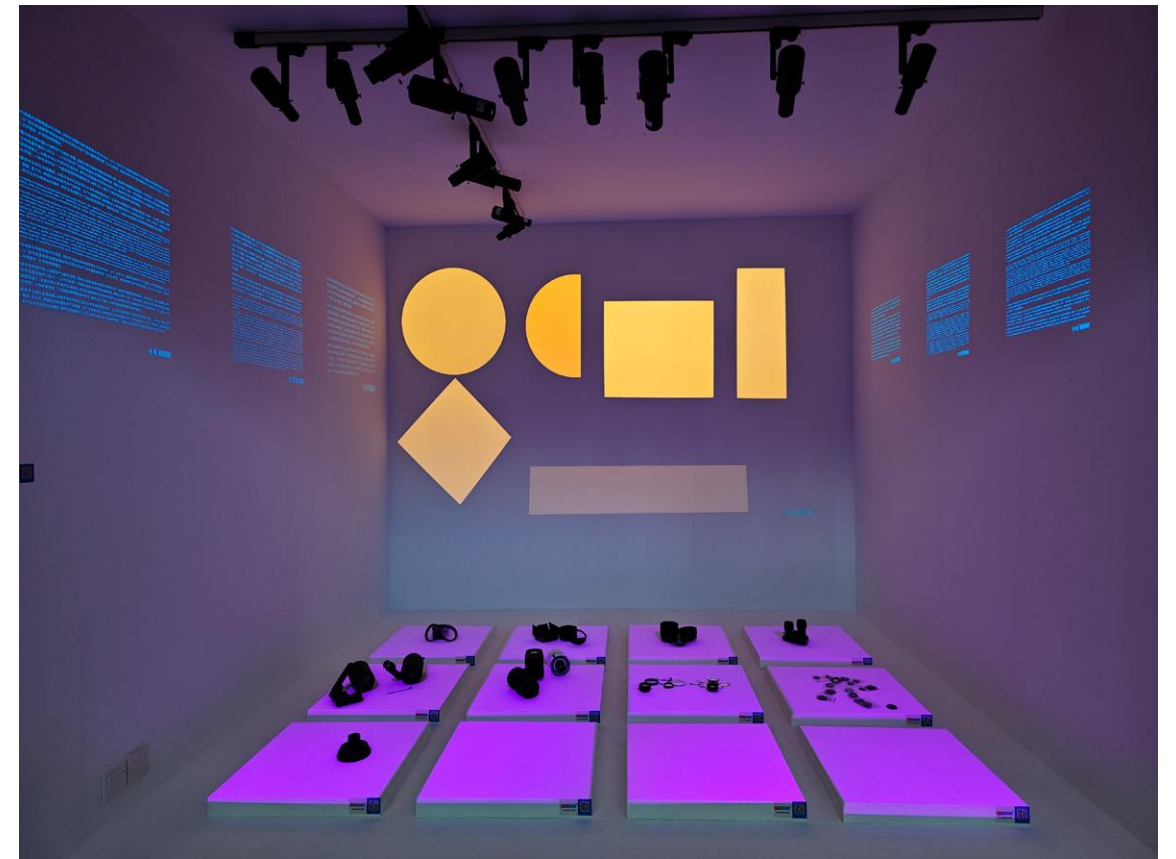
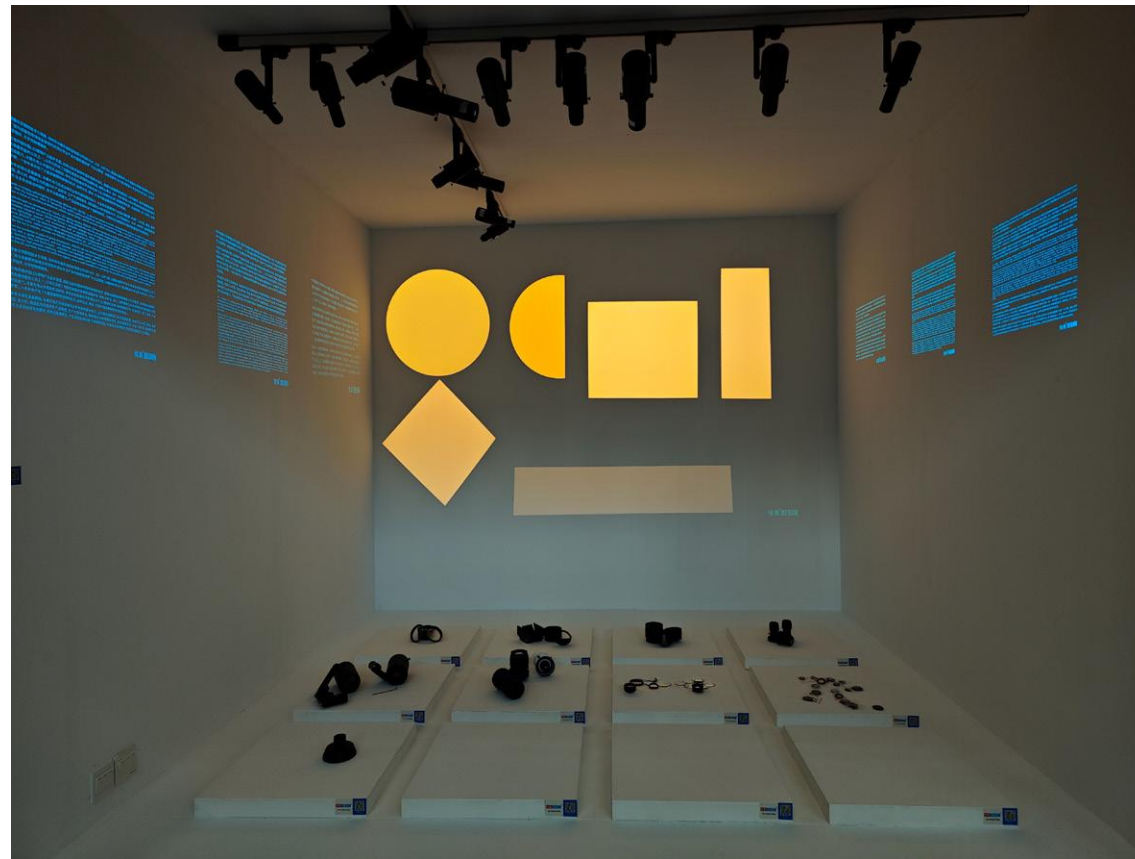


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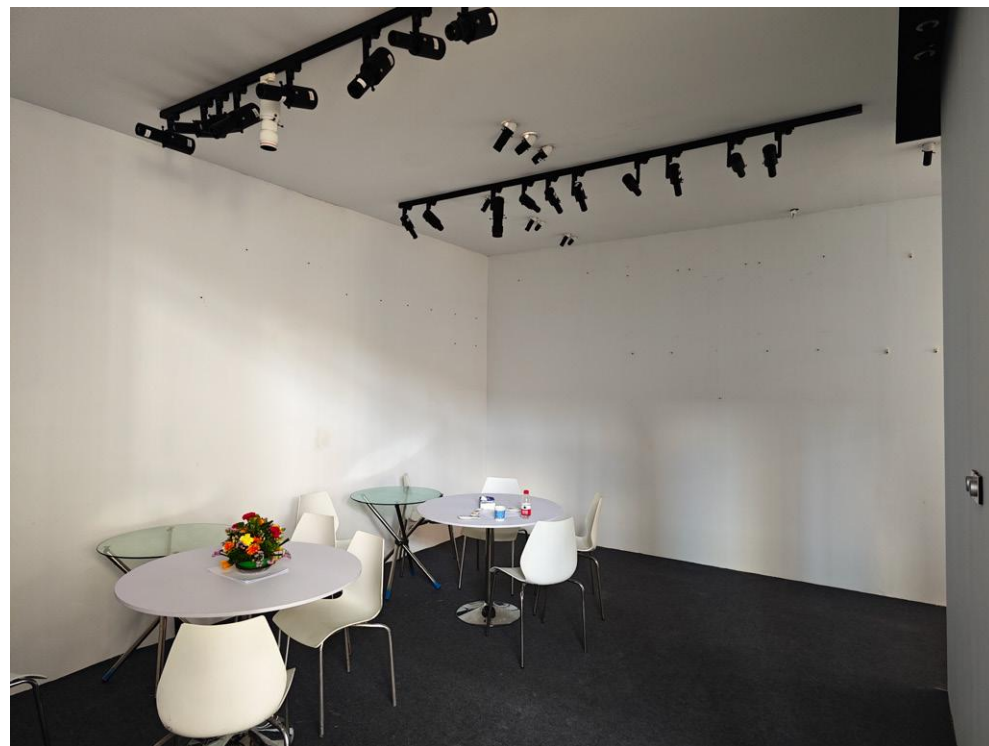












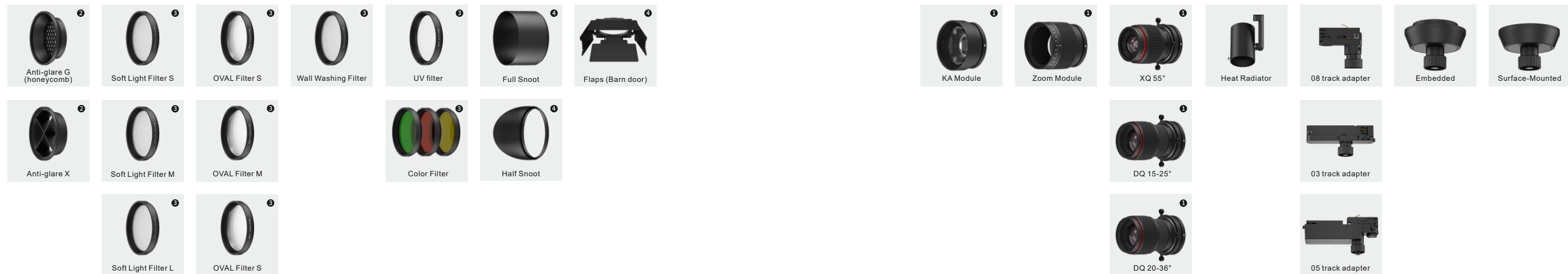
Ultra-flexible architecture that allows for rapid customization, easy combination and separation of modules, convenient individual module function debugging, upgrading, and maintenance, as well as multi-person collaboration without interference.



BESUN Full-Scene Distributed Module can quickly respond to customer demands, allowing solution designers to rapidly design and combine various solutions to meet the personalized needs of end-users. Additionally, it can also satisfy the customer's need for small quantities, diversity, and high variability in product customization, truly achieving high performance, easy upgrading, and low maintenance.



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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



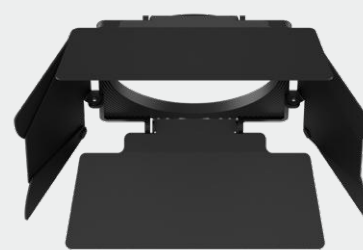
Color Filter



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.

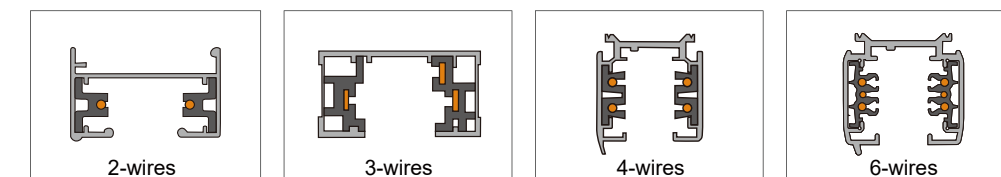
For example, OVAL+Soft light Module + 8 Flaps (Barn door) / Anti-glare Module G (honeycomb) + UV filter + Spotlight Module C (Half Snoot) , and so on.

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.



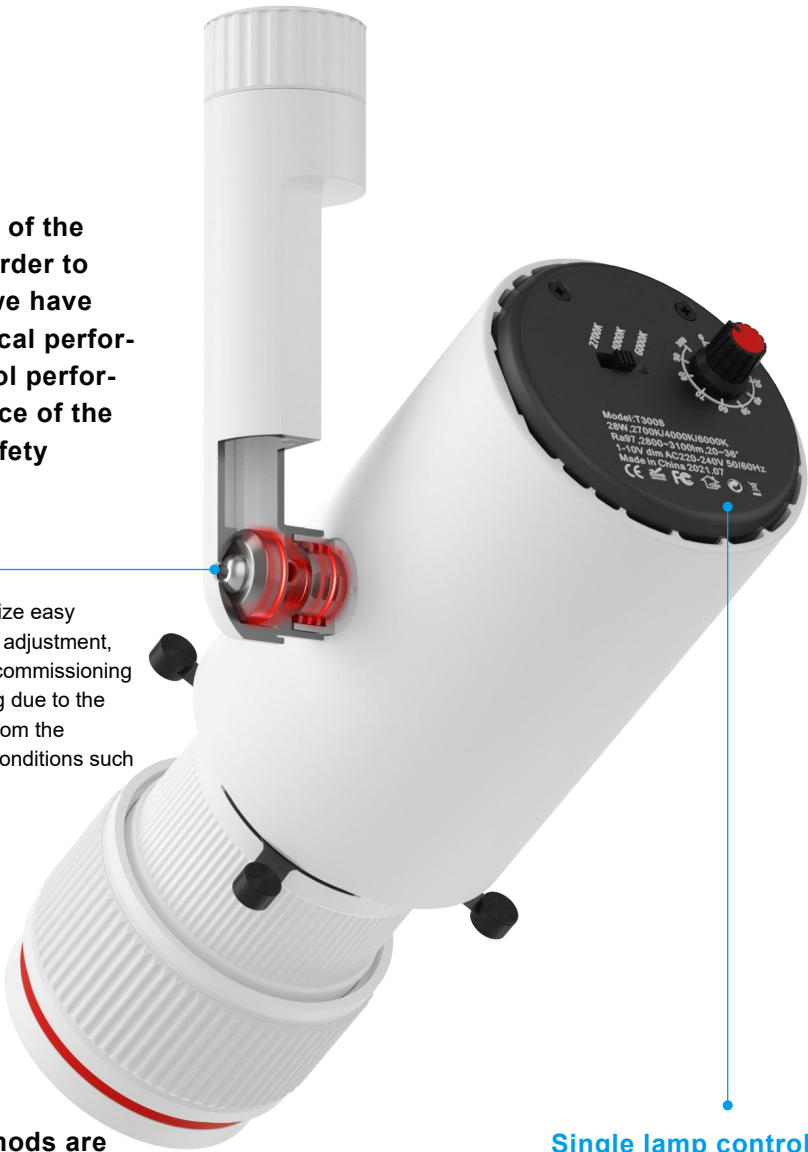
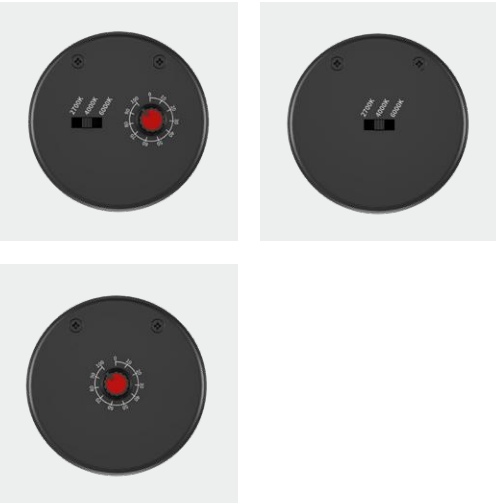
Here is one of the most hardcore parts of the whole King of Track Light module. In order to ensure that nothing is left to chance, we have redefined and redesigned the mechanical performance, optical performance and control performance as well as the safety performance of the module, which complies with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

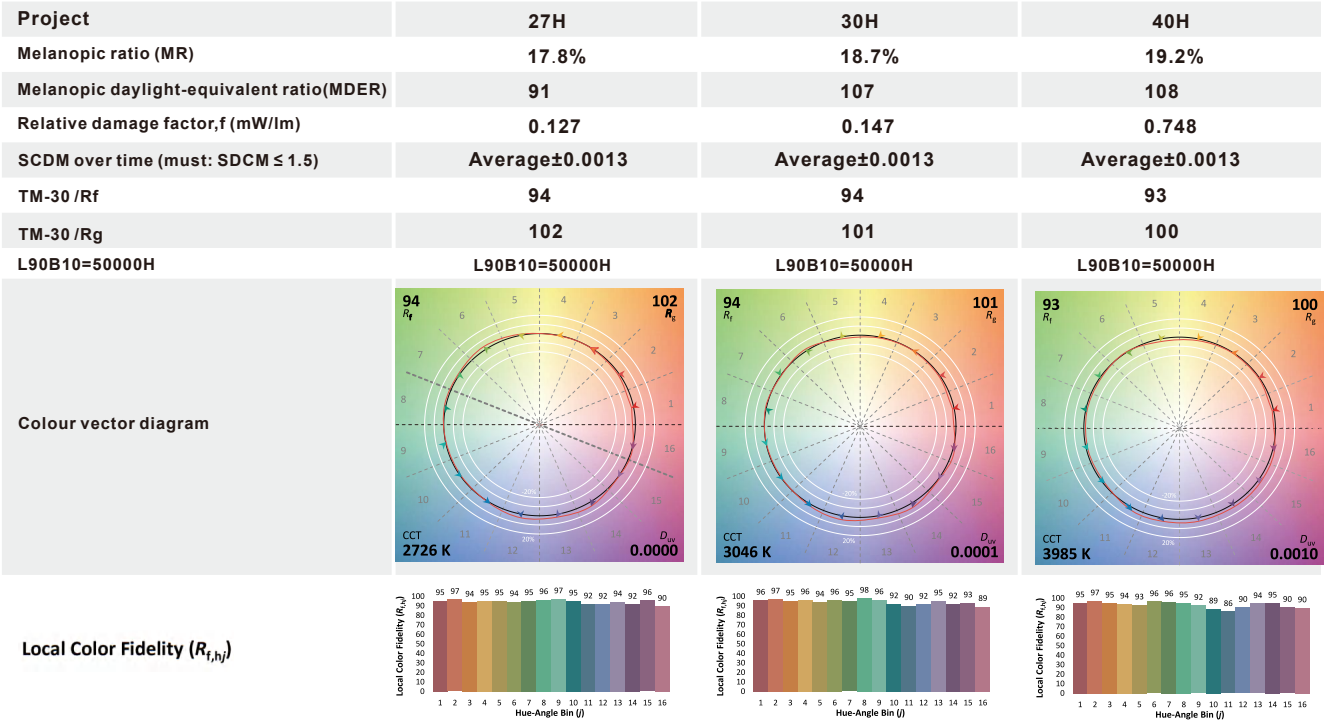
New horizontal 355 ° rotation design, abandoned the brand track adpter with its own plastic rotation damping device, replaced by a better and more reliable and durable mechanical gear damping, will achieve easy horizontal rotation at any angle, any angle locking, any damping adjustment, and never run 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.





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

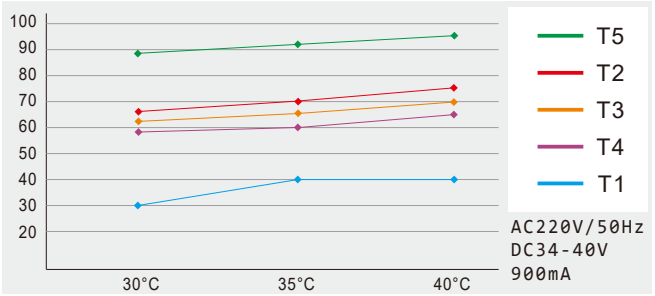
Temperature Measuring Point	environmental temperature (T1)	29.8	31.5	34.8	39.8
	welding spot's negative pole (T2)	29.8	66.1	69.2	76.5
	inside (T3)	29.8	61.2	64.7	69.9
	outside (T4)	29.8	58.1	60.8	66.8
	driver TC point (T5)	30.0	89.8	93.5	94.5

T4008 Result OK

King of Track Light Temperature rise report

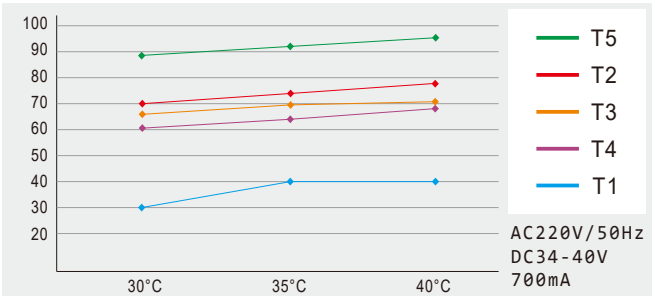
BESUN's heat dissipation material, with (226.W/M.K) super high thermal conductivity, can effectively reduce the temperature difference between inside and outside the lamp, and reduce the light decay, color temperature drift and other key data, and significantly improve the service life of the lamp.

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.



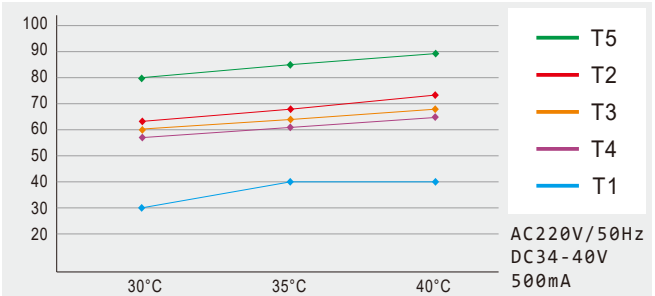
Temperature Measuring Point	environmental temperature (T1)	29.8	31.5	34.8	39.8
	welding spot's negative pole (T2)	29.9	69.4	72.1	78.5
	inside (T3)	29.8	66.7	69.4	71.5
	outside (T4)	29.8	61.8	64.7	68.5
	driver TC point (T5)	30.0	88.7	92.5	95.3

T3008 Result OK



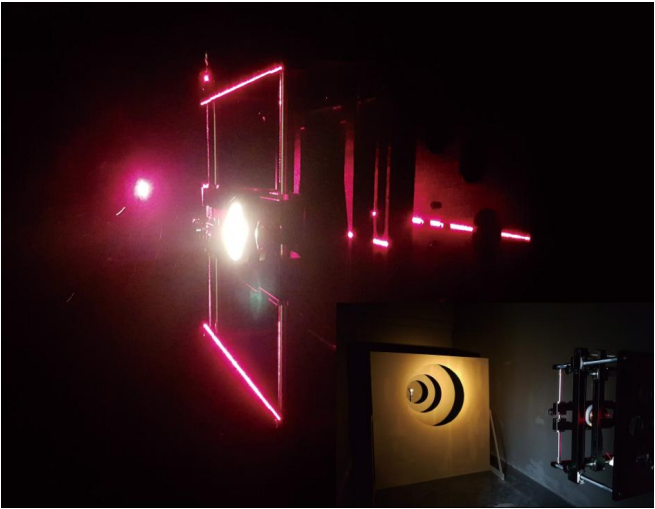
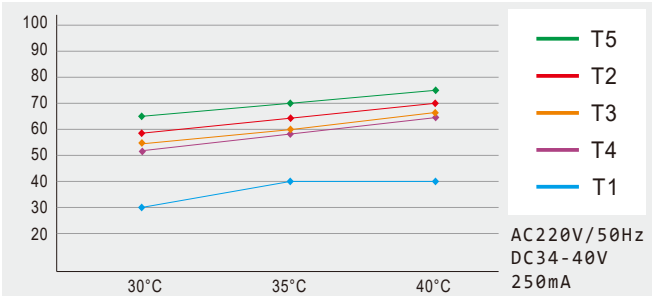
Temperature Measuring Point	environmental temperature (T1)	29.8	30.7	35.8	40.1
	welding spot's negative pole (T2)	29.9	63.1	68.9	72.2
	inside (T3)	29.8	60.4	65.2	68.4
	outside (T4)	29.8	57.0	62.6	65.9
	driver TC point (T5)	30.1	79.8	85.4	88.2

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

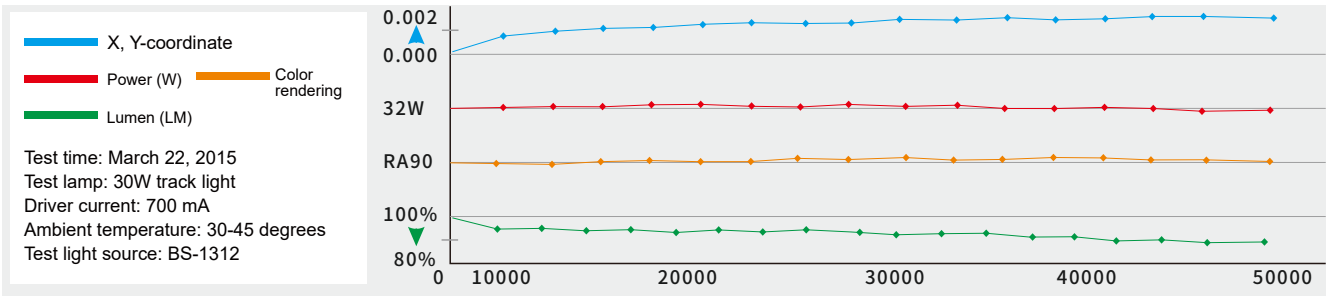


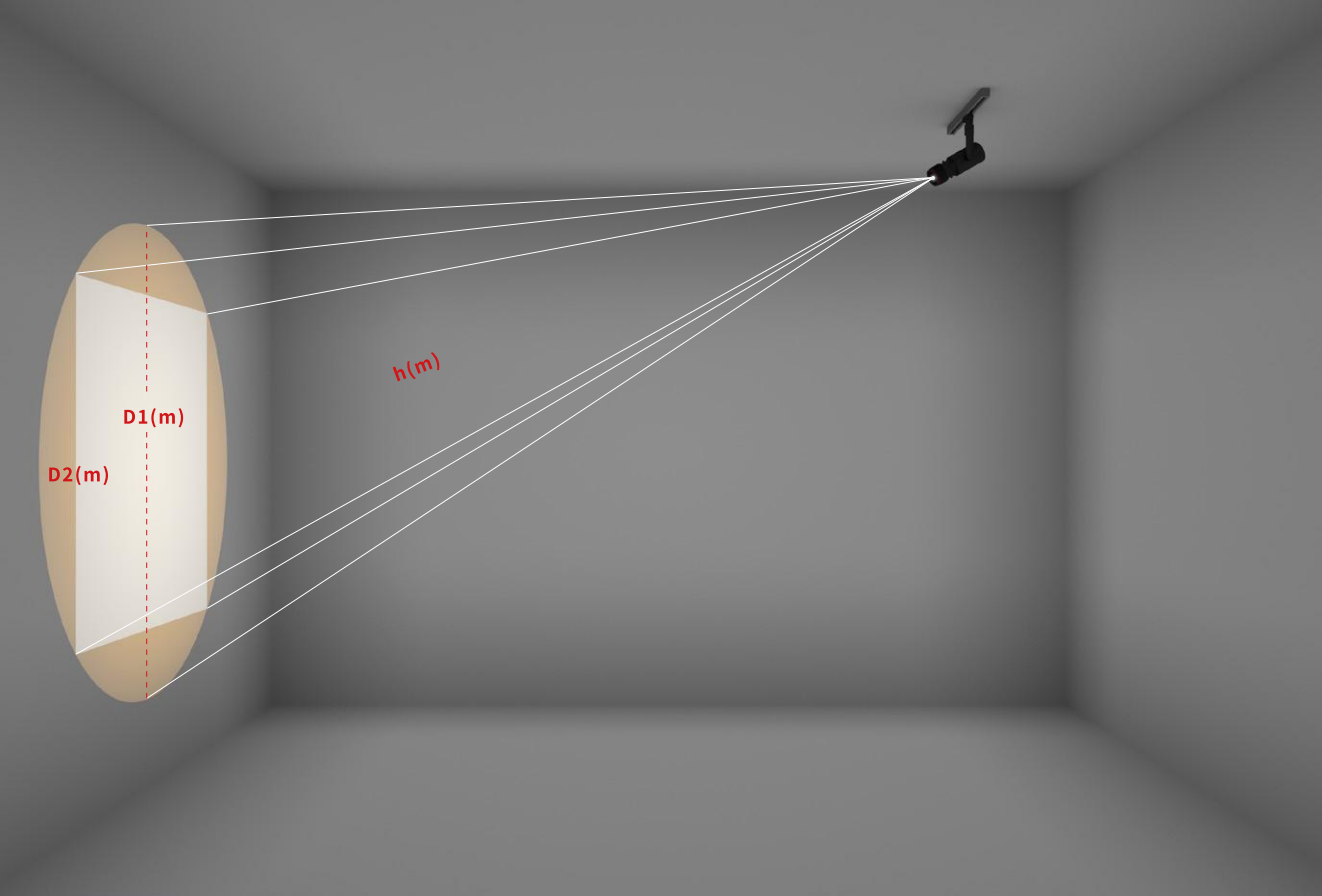
King of Track Light Light Decay Report

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%





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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
Projection distance (m) :	0 1 2 3 4 5 6 7 8
15°Circular spot diameter (m) :	0 Φ0.25 Φ0.50 Φ0.76 Φ1.01 Φ1.26 Φ1.52 Φ1.77 Φ2.03
25°Circular spot diameter (m) :	0 Φ0.40 Φ0.81 Φ1.22 Φ1.63 Φ2.04 Φ2.45 Φ2.86 Φ3.27
15°Square-spot side length(m):	0 L0.17 L0.35 L0.53 L0.71 L0.88 L1.06 L1.24 L1.42
25°Square-spot side length(m):	0 L0.28 L0.57 L0.85 L1.14 L1.43 L1.71 L2.00 L2.29

Zoom range	15°-36° frame size 1:0.25-0.64
Power(W)	10W 20W 30W 40W
Projection distance (m) :	0 1 2 3 4 5 6 7 8
15°Circular spot diameter (m) :	0 Φ0.25 Φ0.50 Φ0.75 Φ1.00 Φ1.25 Φ1.50 Φ1.75 Φ2.00
36°Circular spot diameter (m) :	0 Φ0.64 Φ1.28 Φ1.92 Φ2.56 Φ3.21 Φ3.85 Φ4.49 Φ5.13
15°Square-spot side length(m):	0 L0.17 L0.35 L0.53 L0.70 L0.88 L1.06 L1.24 L1.41
36°Square-spot side length(m):	0 L0.45 L0.90 L1.36 L1.81 L2.27 L2.72 L3.17 L3.63

Zoom range	20°-36° frame size 1:0.39-0.64
Power(W)	10W 20W 30W 40W
Projection distance (m) :	0 1 2 3 4 5 6 7 8
20°Circular spot diameter (m) :	0 Φ0.39 Φ0.79 Φ1.19 Φ1.59 Φ1.98 Φ2.38 Φ2.78 Φ3.18
36°Circular spot diameter (m) :	0 Φ0.64 Φ1.29 Φ1.94 Φ2.59 Φ3.24 Φ3.89 Φ4.53 Φ5.18
20°Square-spot side length(m):	0 L0.28 L0.56 L0.84 L1.12 L1.40 L1.68 L1.96 L2.25
36°Square-spot side length(m):	0 L0.45 L0.91 L1.37 L1.83 L2.29 L2.75 L3.20 L3.66

Zoom range	55° frame size 1:1
Power(W)	10W 20W 30W 40W
Projection distance (m) :	0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5
55°Circular spot diameter (m) :	0 Φ0.50 Φ1.00 Φ1.50 Φ2.00 Φ2.50 Φ3.01 Φ3.51 Φ4.01 Φ4.51 Φ5.01
55°Square-spot side length(m):	0 L0.35 L0.70 L1.06 L1.41 L1.77 L2.12 L2.48 L2.83 L3.19 L3.54



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

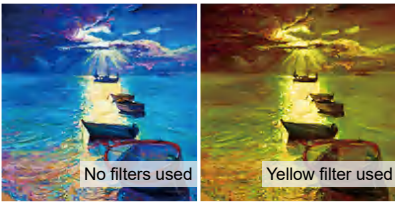


Industrial Grade Optical Filters

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.

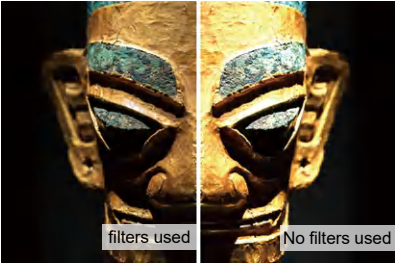


Color filter



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

ND filter



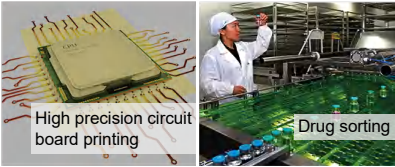
With electronic dimming, the small-angle illumination can be reduced to less than 75LUX, which is generally used for authentic lighting.

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



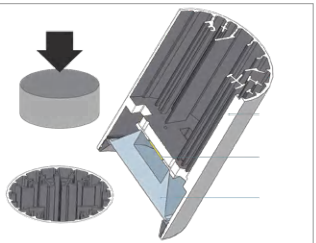
Various filters in special bands can be customized according to your actual needs. They can be used in various unique places, such as wafer cutting, high-precision circuit board printing, and drug sorting.



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.

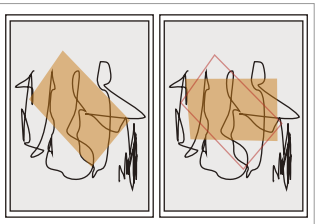
Thermal conductivity 226W/m.K



② 360° manual rotation design

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

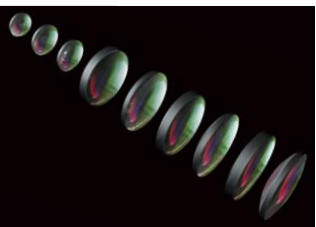
A device to solve the 360° rotation of the projection and light spot.



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..

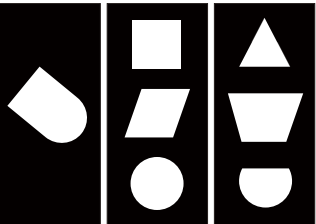
A new optical path specially designed for COB light sources.



④ Optical-grade variable aperture design

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

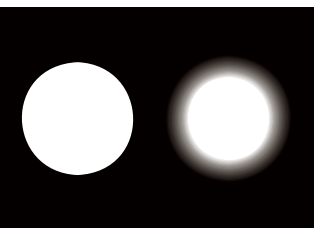
Manual insertion and removal of the light cutting device can freely change the shape of the spot.



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

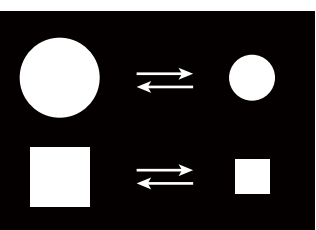
Short stroke, considerable focal length, high short-focus and long-focus recognition, visible to the naked eye, linear zoom is enhanced and more convenient.

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

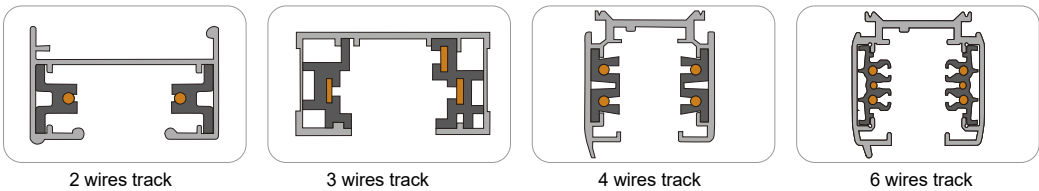
DQ series shapeable track light



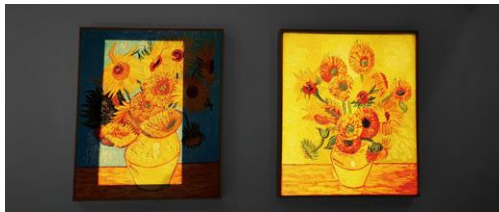
DQ series shapeable light is a multi-functional product integrating light shape, zoom, projection and intelligent control. It is a product with completely independent intellectual property rights and global patents, which can adjust the shape, size and sharpness of the spot; the shape of the spot can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

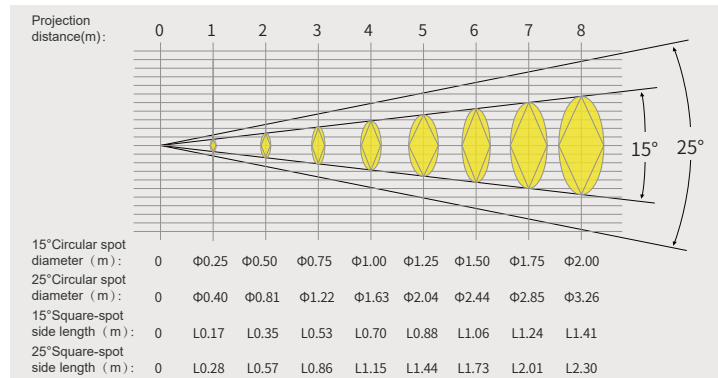
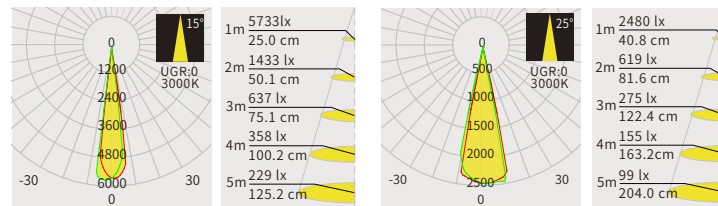


Control support



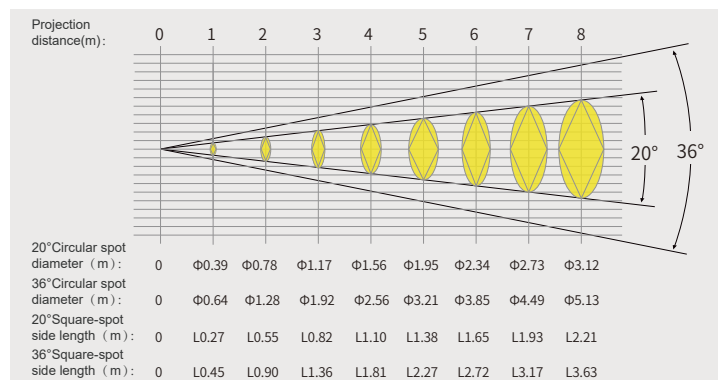
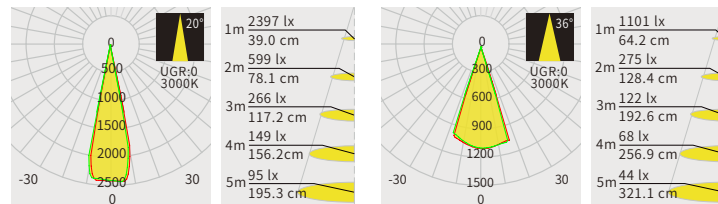
Support 1-10V, DMX, DALI, ZIGBEE, and other mainstream control. Can also be connected with Tuya, Amazon, Google, and other smart AI control systems.

T1008S-4525SE



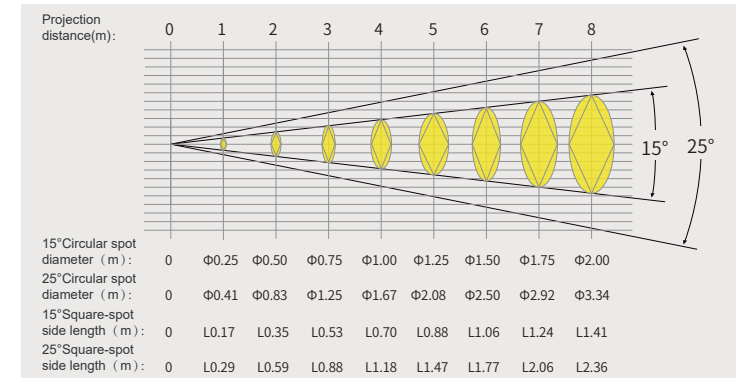
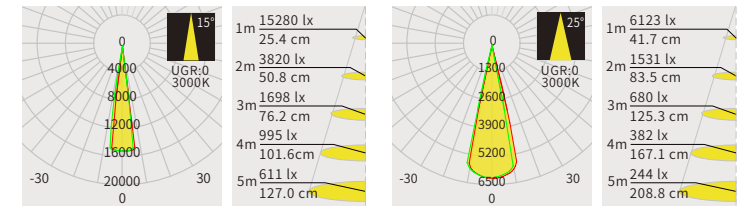
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T1008S-4525SE	10W	300~350LM	Ra≥97	2700K/3000K/4000K	15°~25°	8pcs	≤1.5 %	0.2/65%	Support	0.68Kg	Black/white

T1008S-4536SE



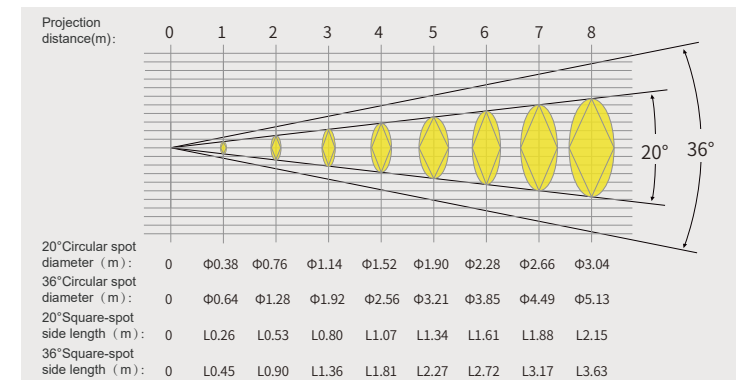
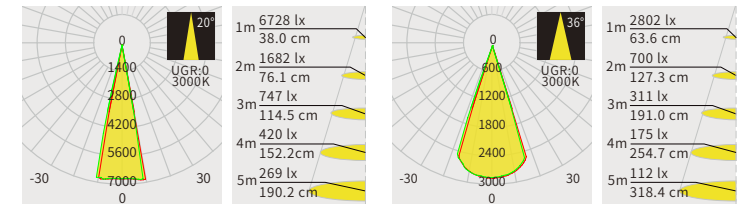
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T1008S-7536SE	10W	300~350LM	Ra≥97	2700K/3000K/4000K	20°~36°	10pcs	≤1.8 %	0.2/65%	Support	0.68Kg	Black/white

T2008S-7525SE



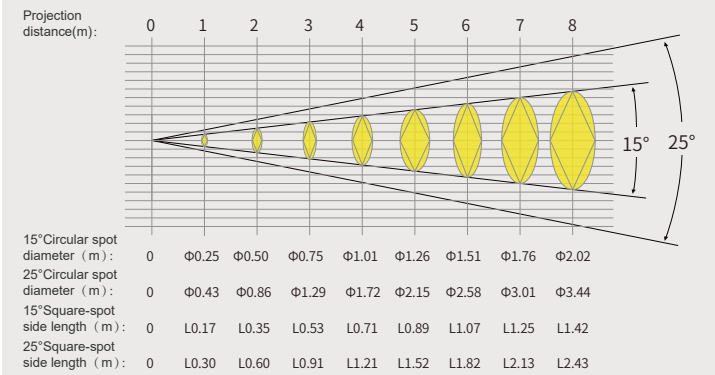
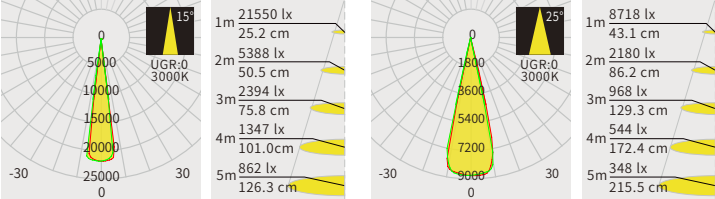
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T2008S-7525SE	20W	900~950LM	Ra≥97	2700K/3000K/4000K	15°~25°	8pcs	≤1.5 %	0.2/65%	Support	1.43Kg	Black/white

T2008S-7536SE



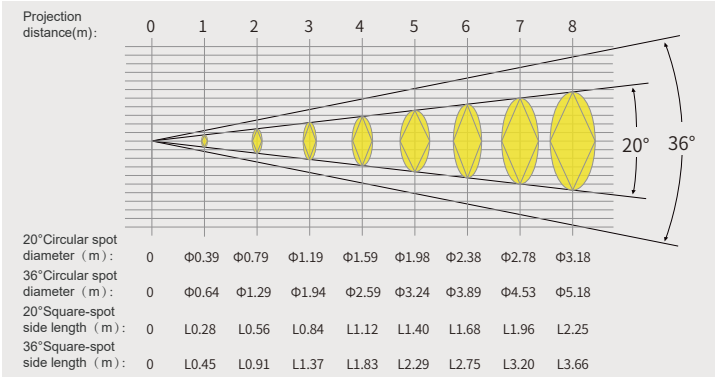
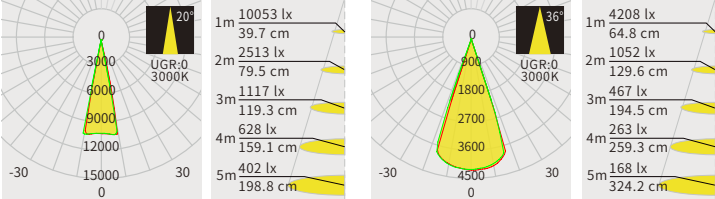
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T2008S-7536SE	20W	900~950LM	Ra≥97	2700K/3000K/4000K	20°~36°	10pcs	≤1.8 %	0.2/65%	Support	1.43Kg	Black/white

T3008S-7525SE



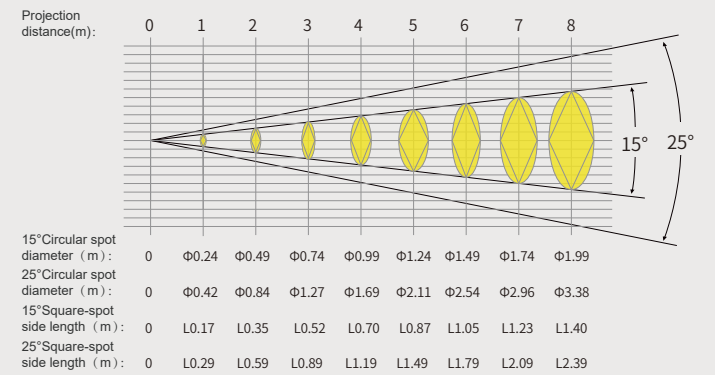
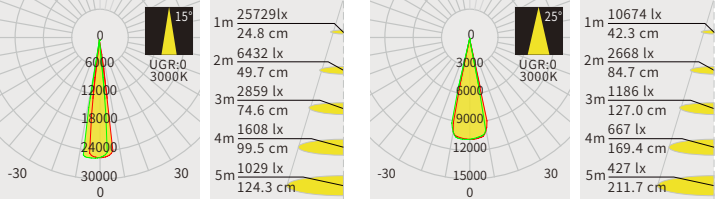
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T3008S-7525SE	28W	1100~1300LM	Ra≥97	2700K/3000K/4000K	15°~25°	8pcs	≤1.5 %	0.2/65%	Support	1.58Kg	Black/white

T3008S-7536SE



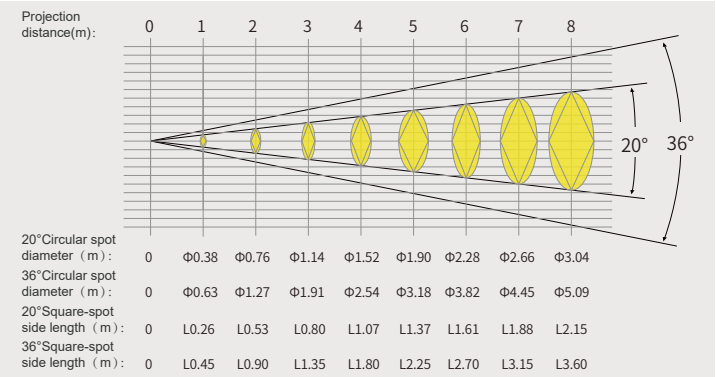
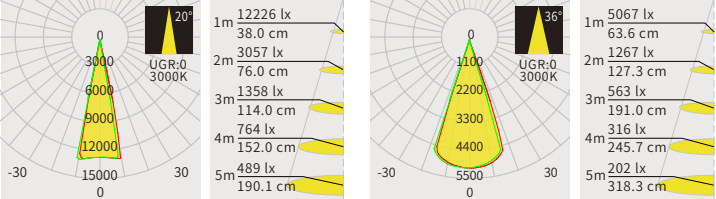
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T3008S-7536SE	28W	1100~1300LM	Ra≥97	2700K/3000K/4000K	20°~36°	10pcs	≤1.8 %	0.2/65%	Support	1.58Kg	Black/white

T4008S-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

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.

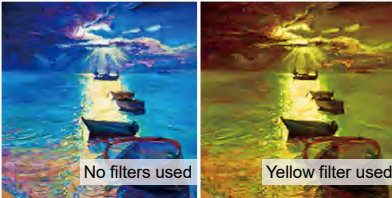
XQ fixed-focus shapeable track light. Frame size 1:1



Industrial Grade Optical Filters

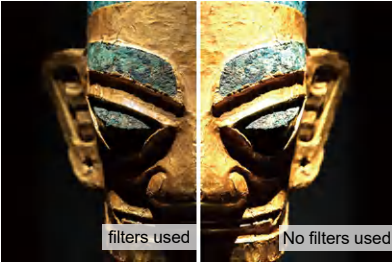
It can match a variety of industrial-grade optical filters and support the customization of special narrowband and ultra narrowband optical filters. Some filter functions can be superimposed, such as HD UV+color filter, HD UV+soft filter, amongst others.

Color filter



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

ND filter



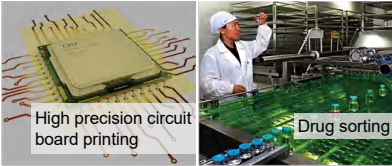
With electronic dimming, the small-angle illumination can be reduced to less than 75LUX, which is generally used for authentic lighting.

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



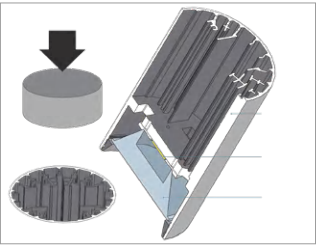
Various filters in special bands can be customized according to your actual needs. They can be used in various unique places, such as wafer cutting, high-precision circuit board printing, and drug sorting.

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

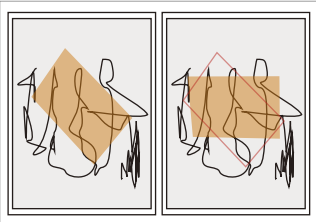


2

360° manual rotation design

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

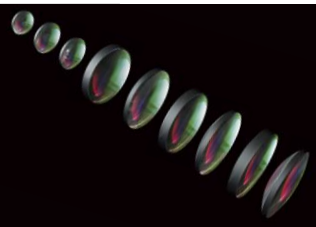
Device to solve the 360° rotation of the projection and light spot.



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.

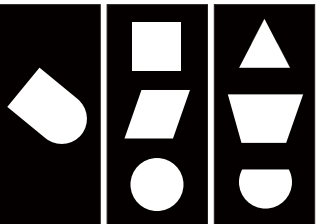


4

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

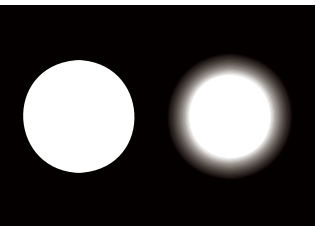
Short stroke, considerable focal length, high short-focus and long-focus recognition, visible to the naked eye, linear zoom is enhanced and more convenient.

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

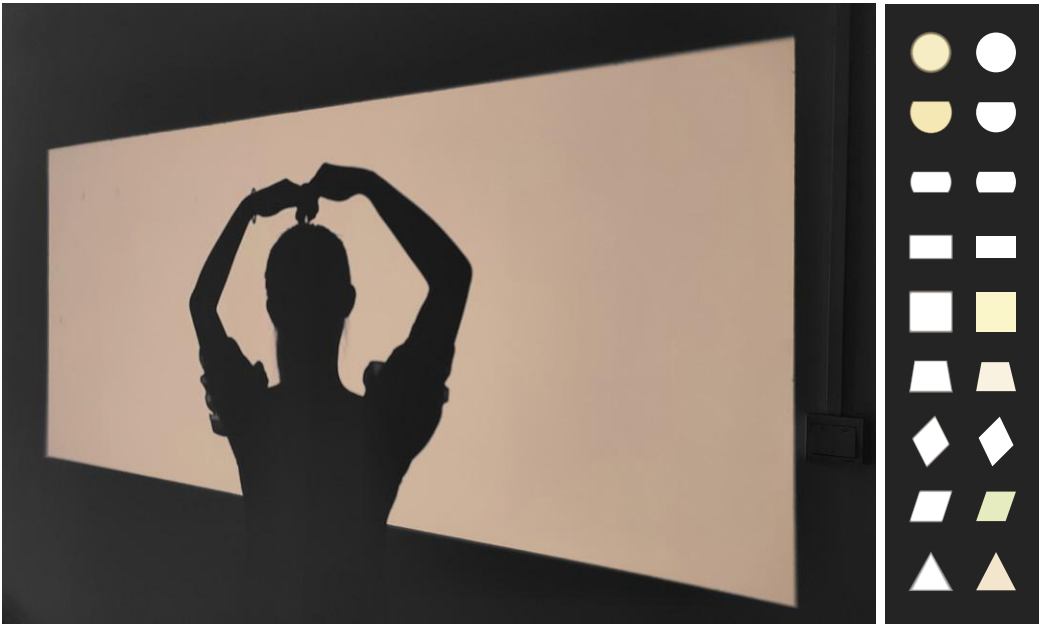


Ivory white

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.

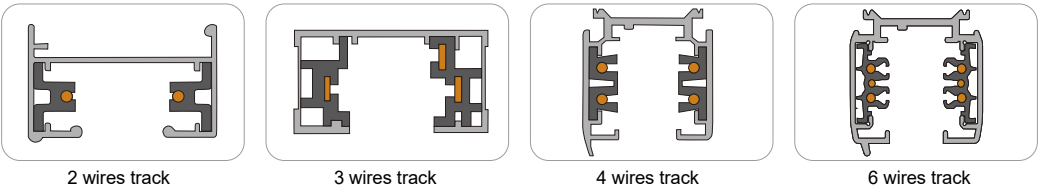


Control support

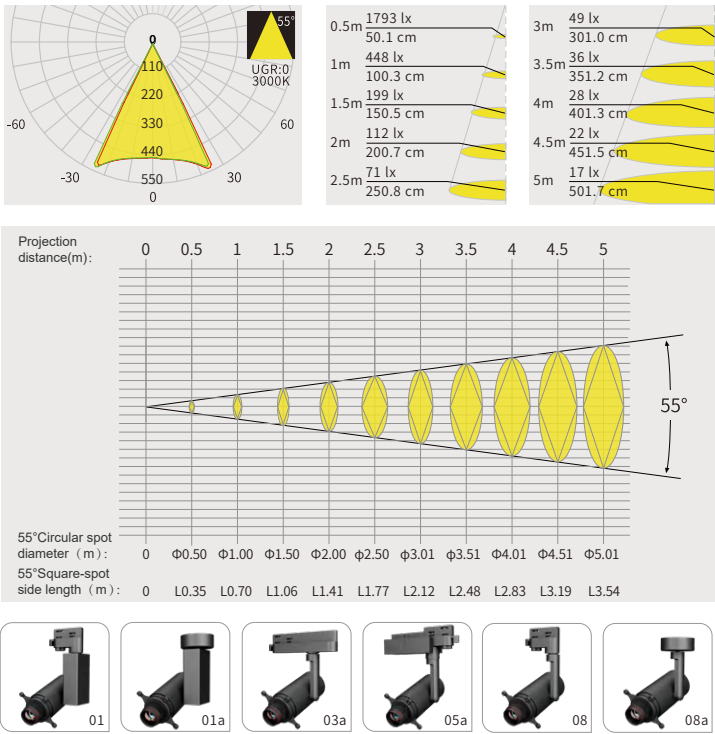


Support 1-10V, DMX, DALI, ZGEBI, and other mainstream control. Can also be connected with Huawei, Tuya, Xiaomi, Tmall Elf, Amazon, Google, and other smart AI control systems.

Track Support

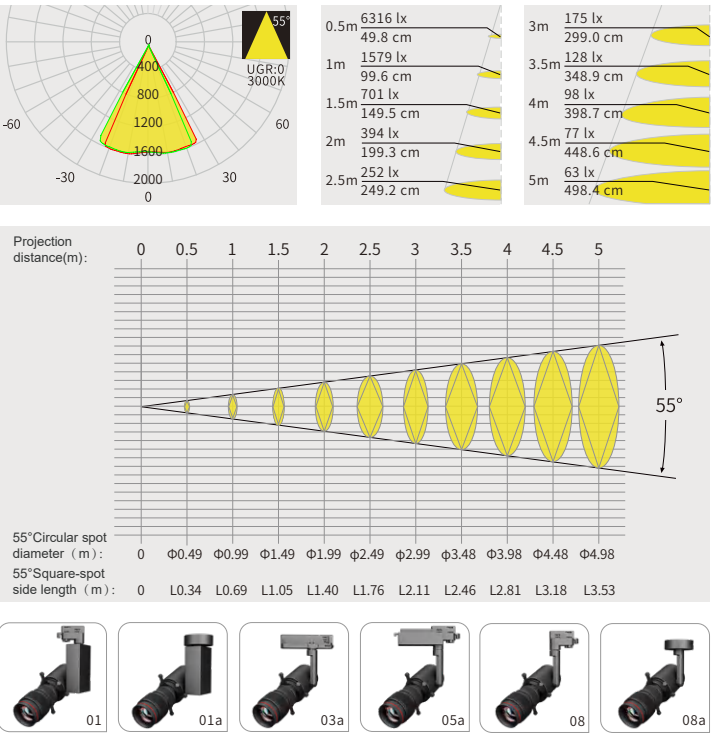


T1008I-4555



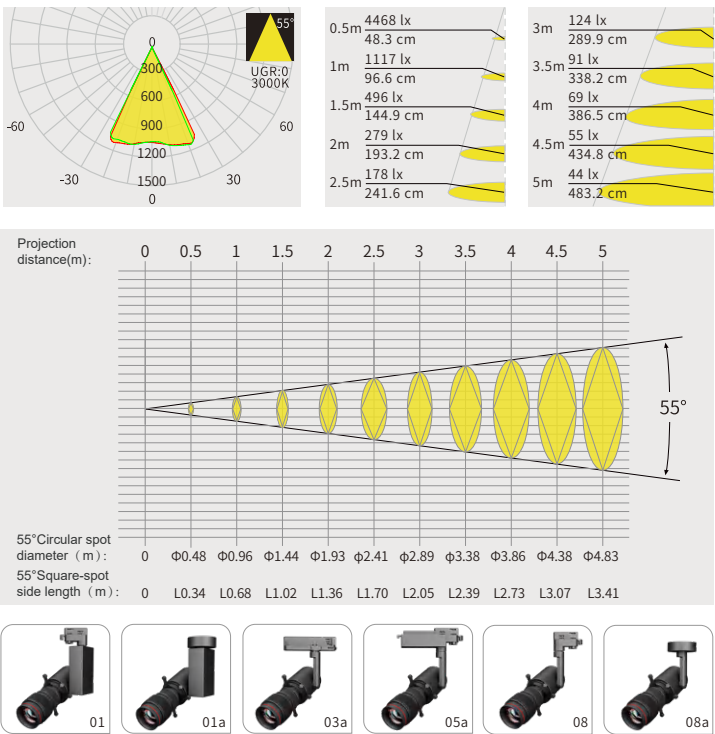
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T1008I-4555	10W	300~350LM	Ra≥97	2700K/3000K/4000K	55°	10pcs	≤0.6 %	0.01/1	nonsupport	0.67Kg	Black/white

T3008I-7555



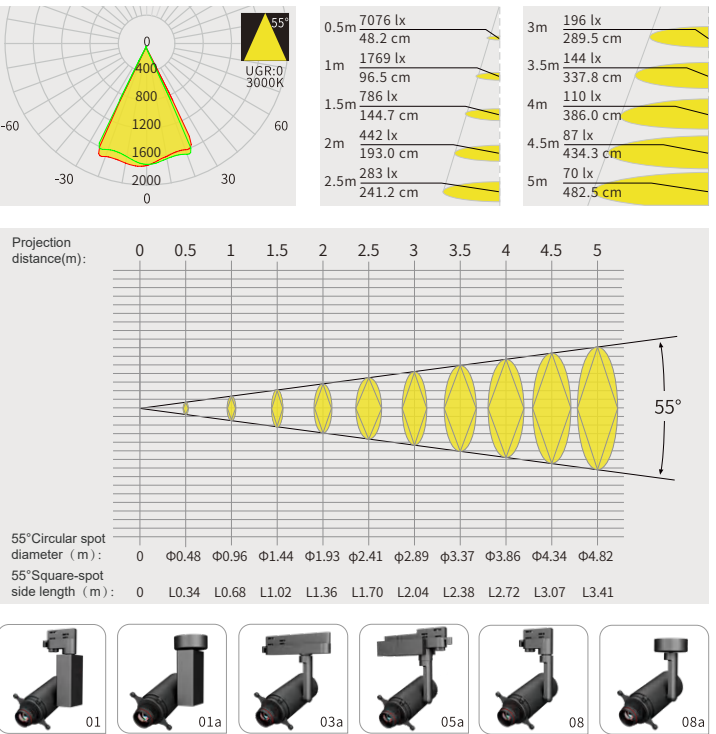
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T3008I-7555	28W	1100~1200LM	Ra≥97	2700K/3000K/4000K	55°	11pcs	≤0.34%	0.01/1	Support	1.56Kg	Black/white

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

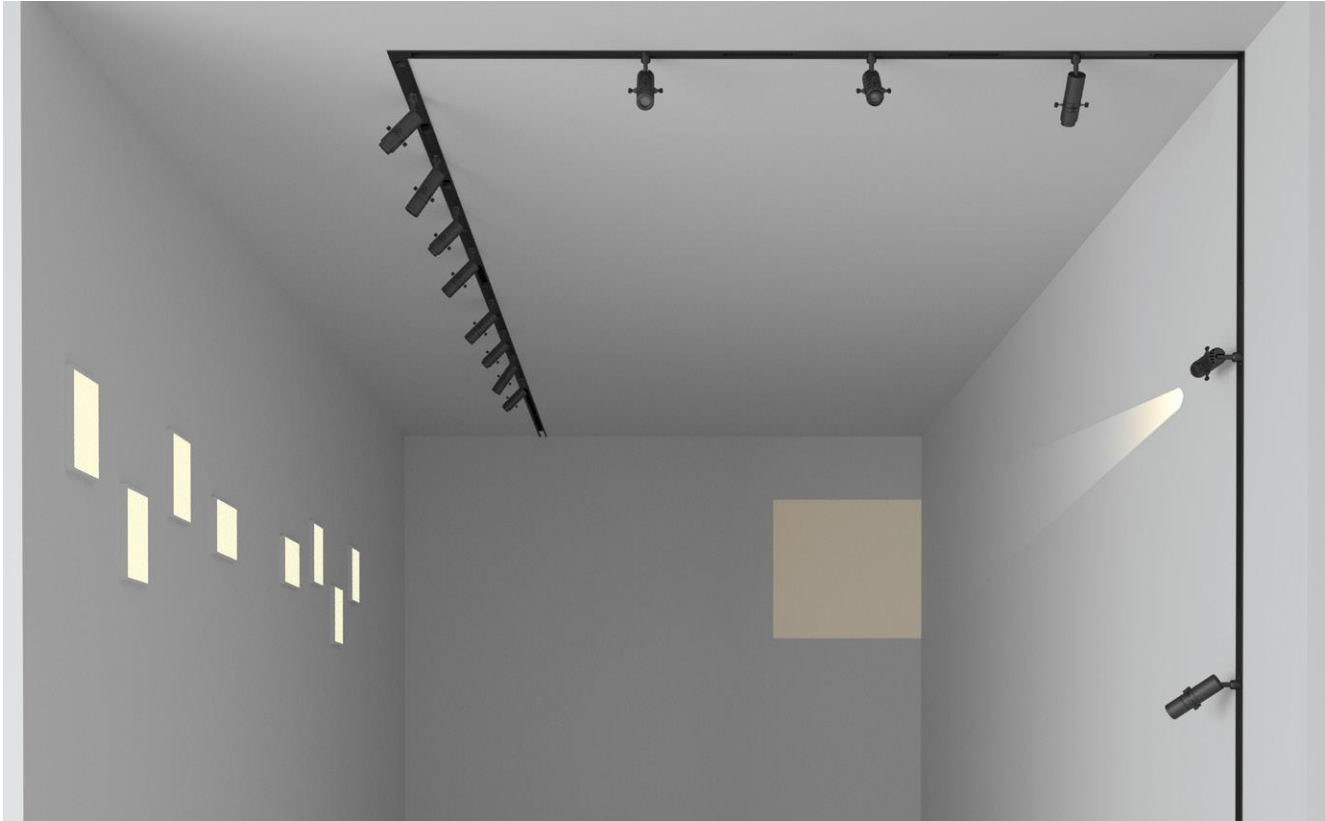
T4008I-7555



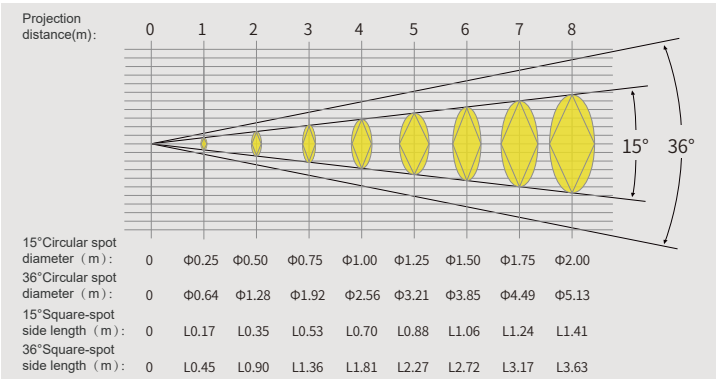
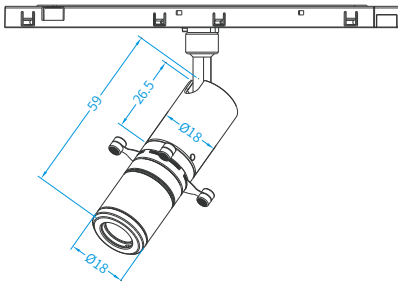
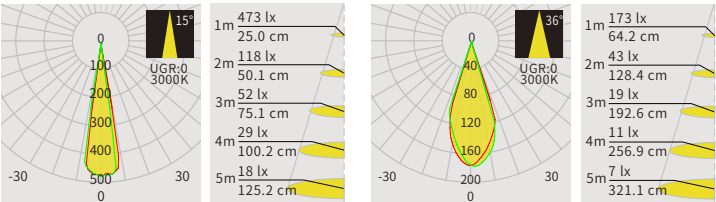
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T4008I-7555	37W	1350~1450LM	Ra≥97	2700K/3000K/4000K	55°	11pcs	≤0.34%	0.01/1	Support	1.65Kg	Black/white



KP series mini shapeable track light

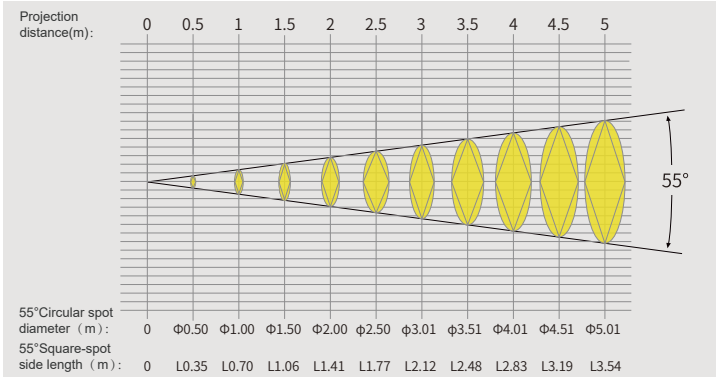
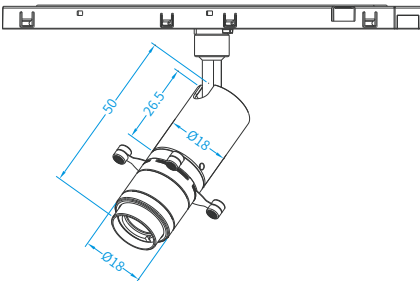
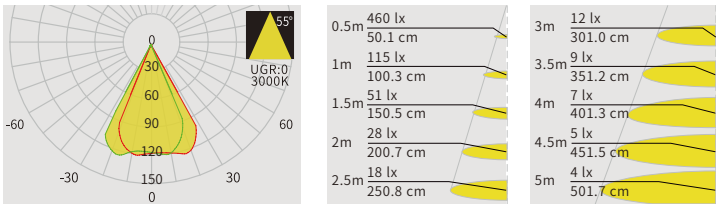


T0303K-1836B



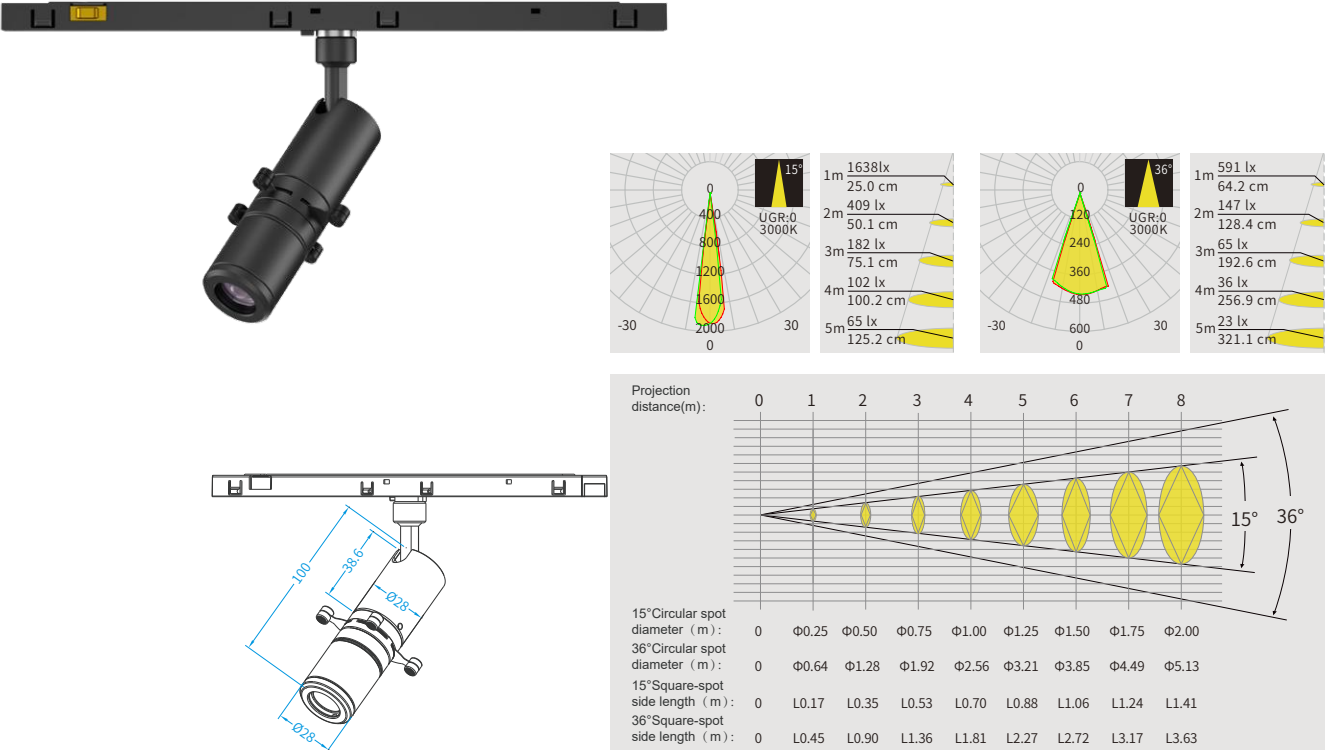
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T0303K-1836B	3W	35~45LM	Ra≥97	2700K/3000K/4000K	15°~36°	9pcs	≤0.25%	0.01/1	nonsupport	0.13Kg	Black/white

T0303K-1855



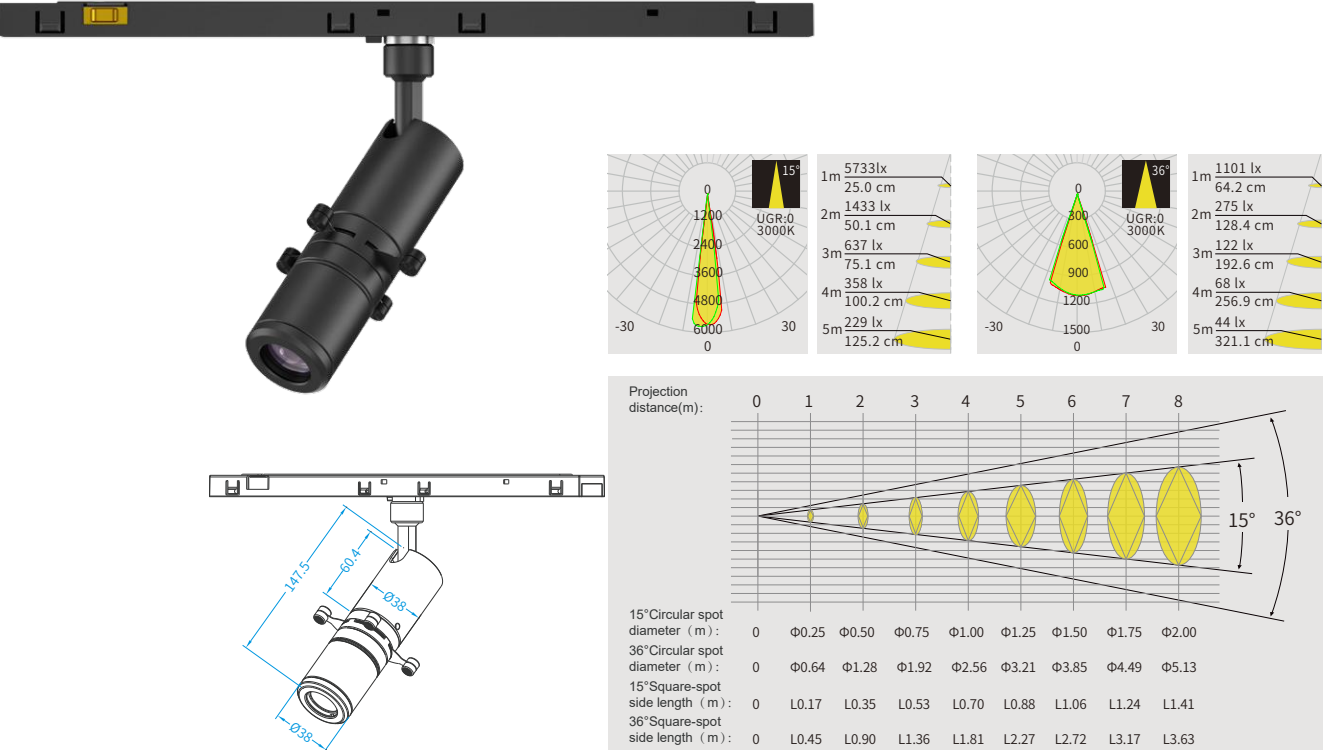
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T0303K-1855	3W	70~75LM	Ra≥97	2700K/3000K/4000K	55°	9pcs	≤0.4%	0.01/1	nonsupport	0.12Kg	Black/white

T0503K-2836B



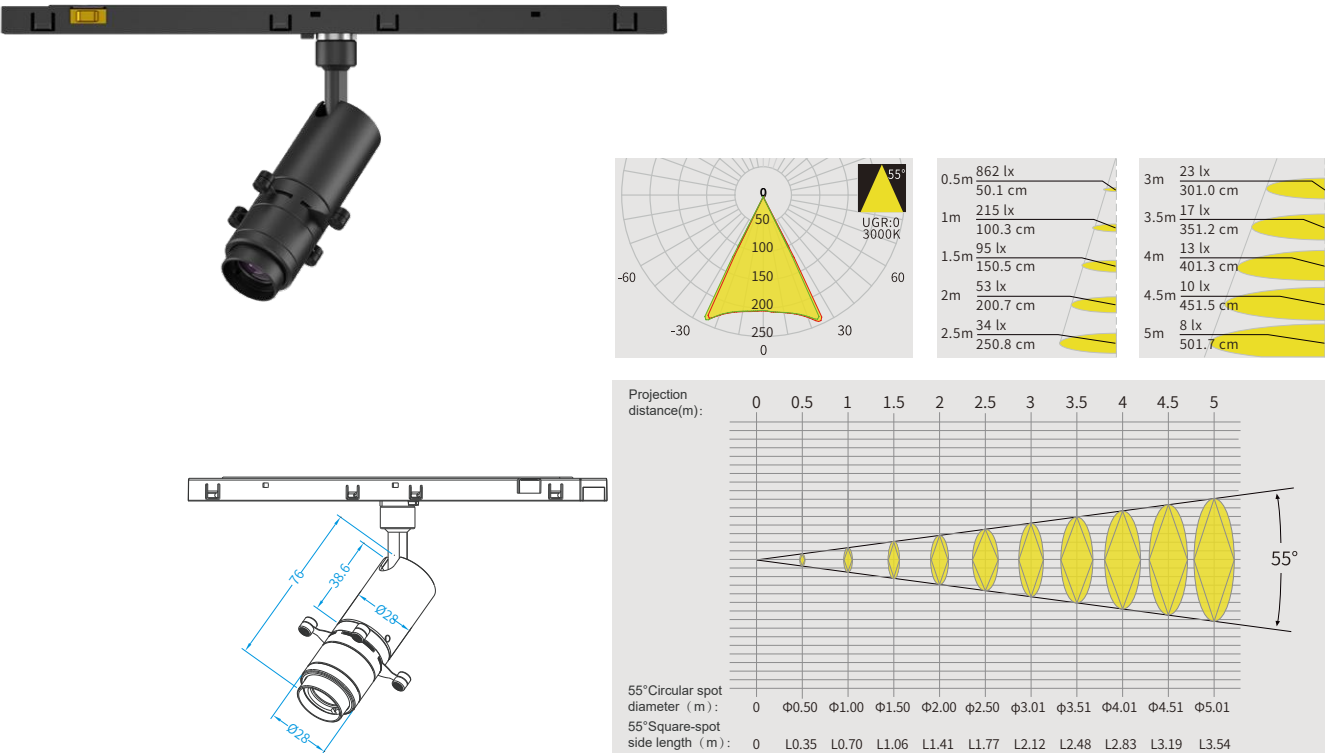
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T0503K-2836B	5W	100~140LM	Ra≥97	2700K/3000K/4000K	15°~36°	9pcs	≤0.2 %	0.01/1	nonsupport	0.21Kg	Black/white

T1003K-3836B



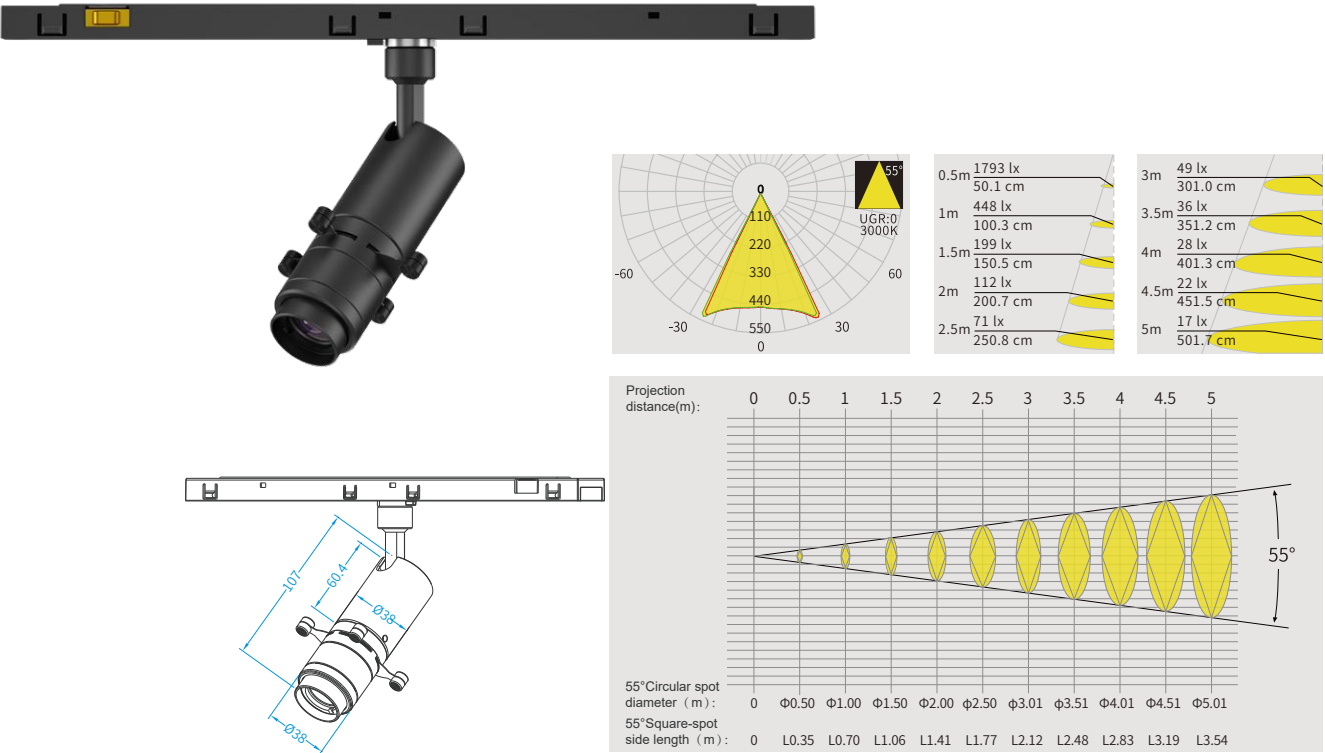
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T1003K-3836B	10W	300~350LM	Ra≥97	2700K/3000K/4000K	15°~36°	11pcs	≤0.6 %	0.01/1	nonsupport	0.36Kg	Black/white

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

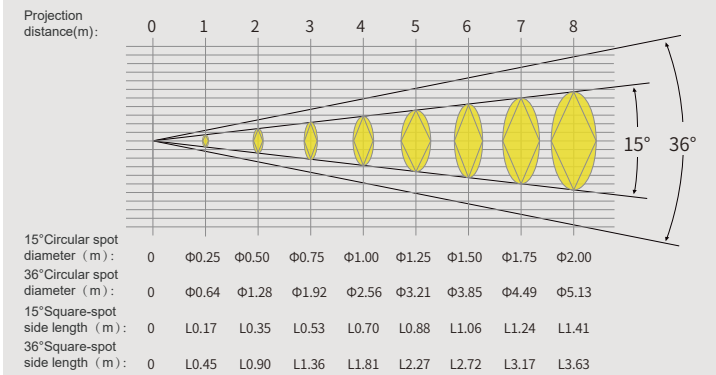
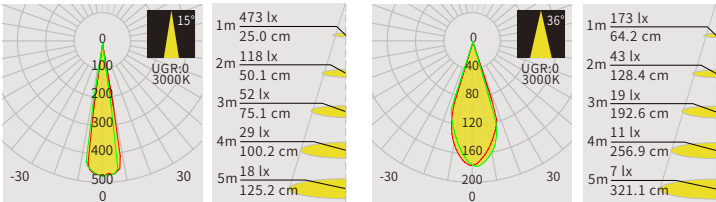
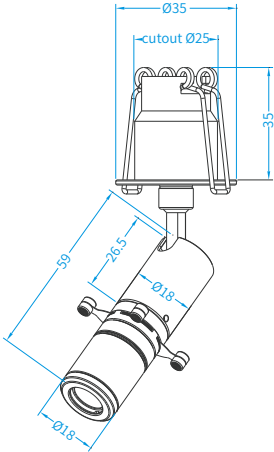


Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T1003K-3855	10W	300~350LM	Ra≥97	2700K/3000K/4000K	55°	10pcs	≤0.6 %	0.01/1	nonsupport	0.32Kg	Black/white

KP series mini embedded contour spotlight



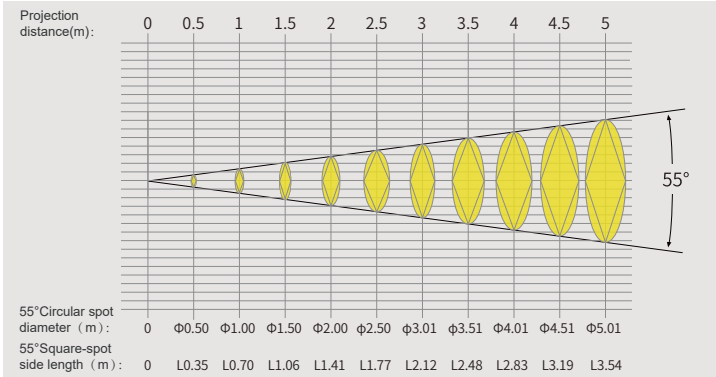
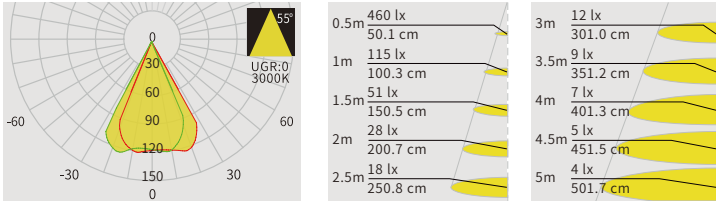
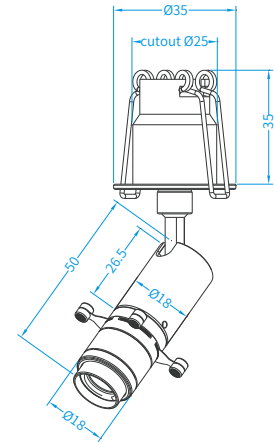
D0325K-1836B



φ25mm

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-1836B	3W	35~45LM	Ra≥97	2700K/3000K/4000K	15°~36°	9pcs	≤0.25%	0.01/1	nonsupport	0.13Kg	Black/white

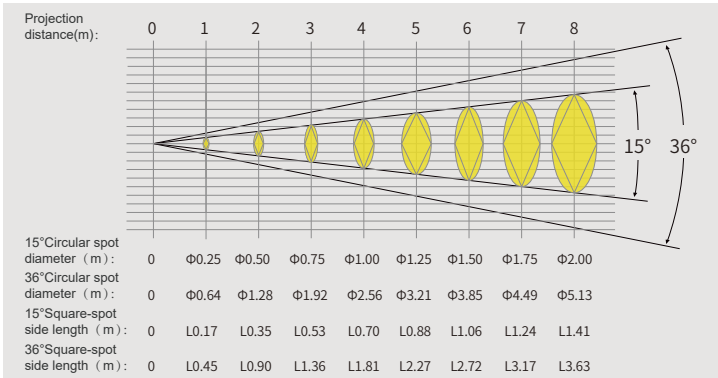
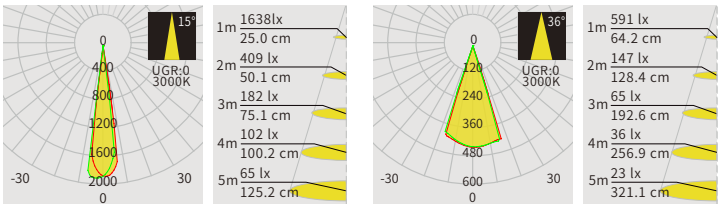
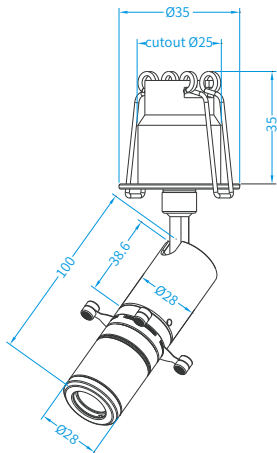
D0325K-1855



φ25mm

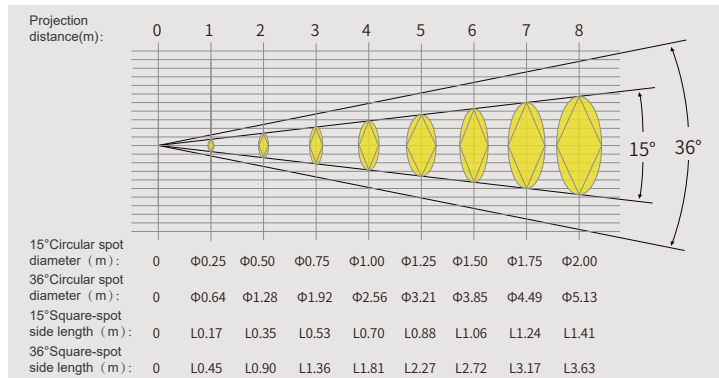
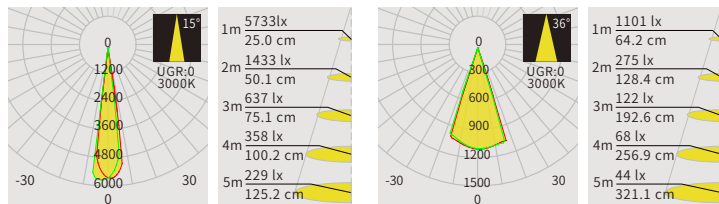
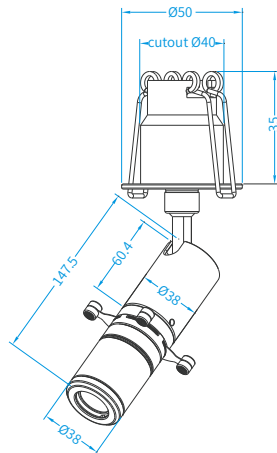
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
D0325K-1855	3W	70~75LM	Ra≥97	2700K/3000K/4000K	55°	9pcs	≤0.4%	0.01/1	nonsupport	0.12Kg	Black/white

D0525K-2836B



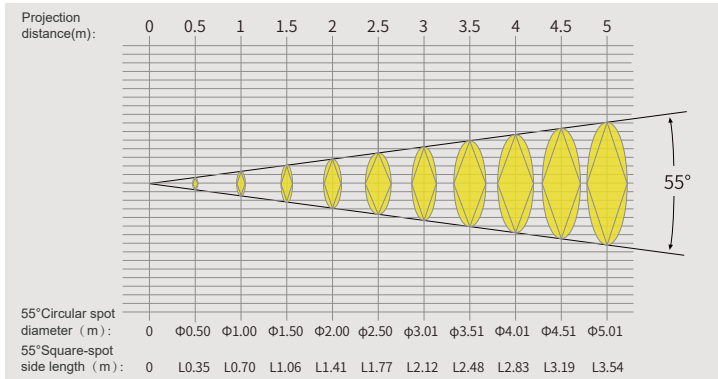
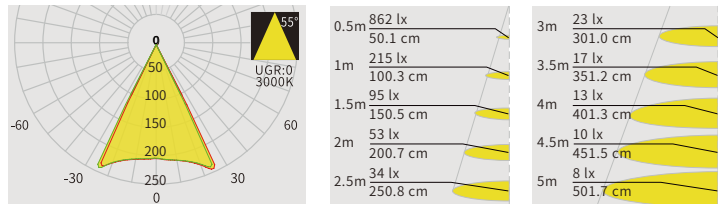
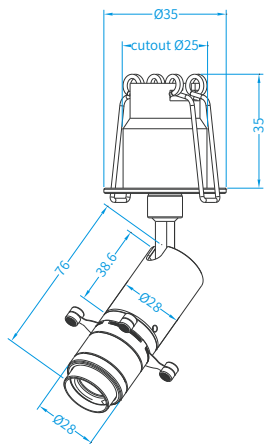
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
D0525K-2836B	5W	100~140LM	Ra≥97	2700K/3000K/4000K	15°~36°	9pcs	≤0.2 %	0.01/1	nonsupport	0.21Kg	Black/white

D1040K-3836B



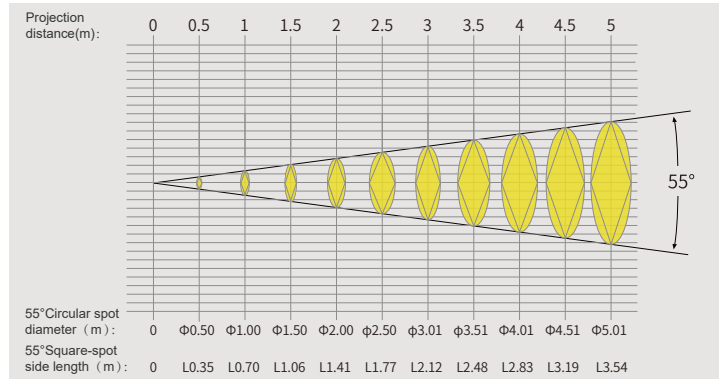
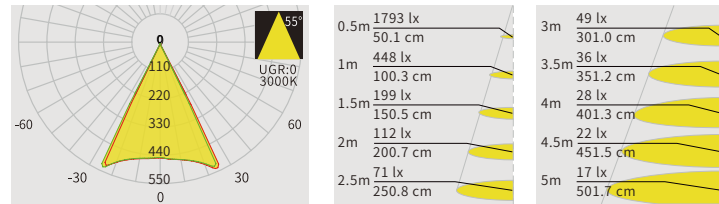
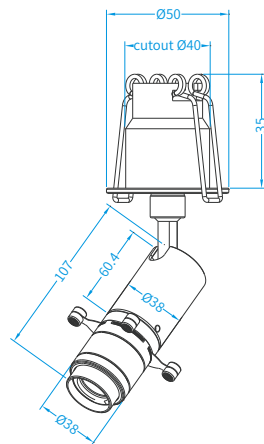
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
D1040K-3836B	10W	300~350LM	Ra≥97	2700K/3000K/4000K	15°~36°	11pcs	≤0.6 %	0.01/1	nonsupport	0.36Kg	Black/white

D0525K-2855



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



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

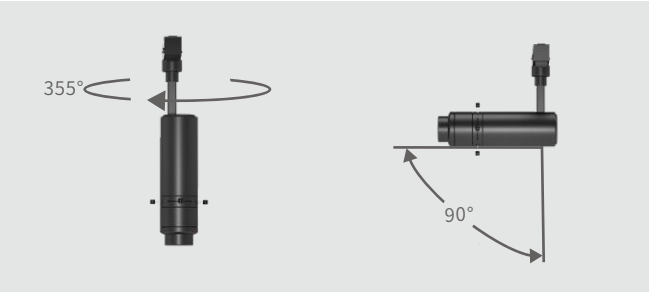
Museum, art gallery, home decoration, hotel, restaurant, machine vision lighting and other creative commercial lighting.

Dimming and CCT changing via Smart Control

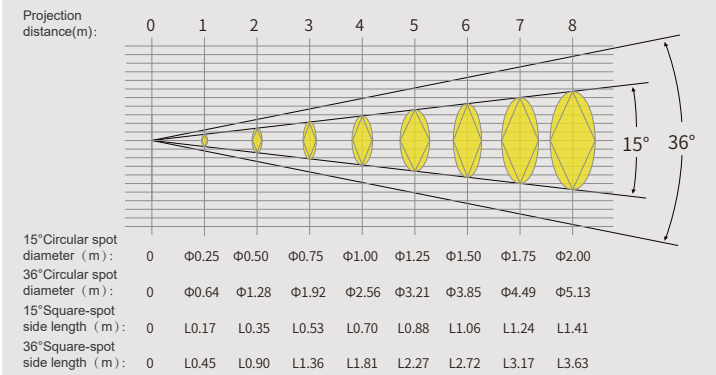
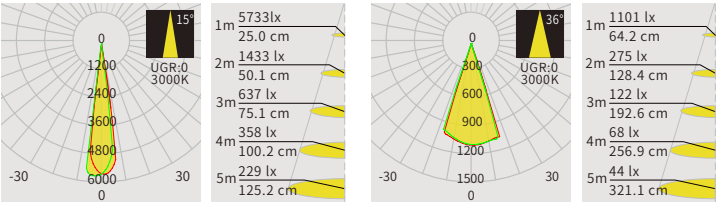
Single / tunnable white via MIJIA / TUYA Bluetooth / TMALL / TIGIDIGITAL / DALI / ORVIBO Zigbee / TUYA Zigbee / 1-10V dim, etc.



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)

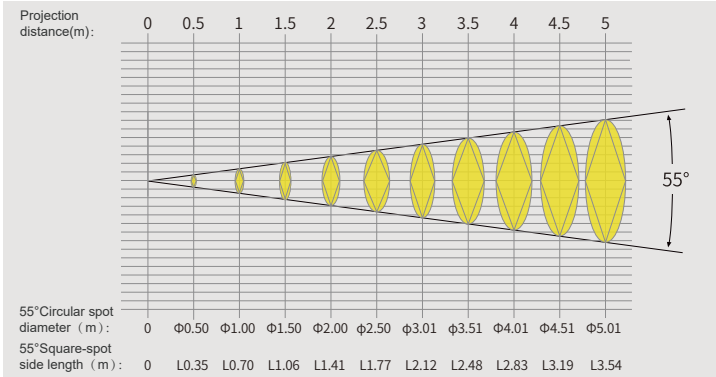
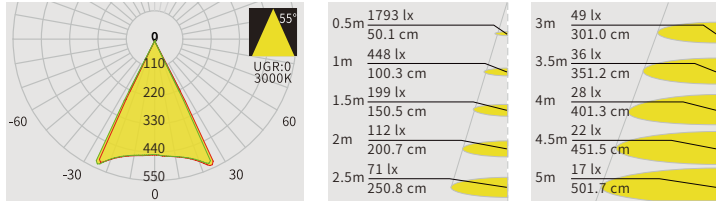


M1003K-3836B



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

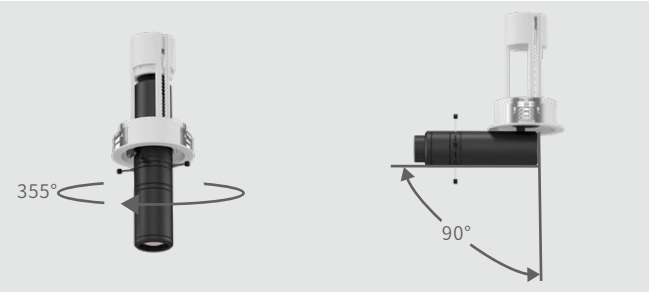
Museum, art gallery, home decoration, hotel, restaurant, machine vision lighting and other creative commercial lighting.

Dimming and CCT changing via Smart Control

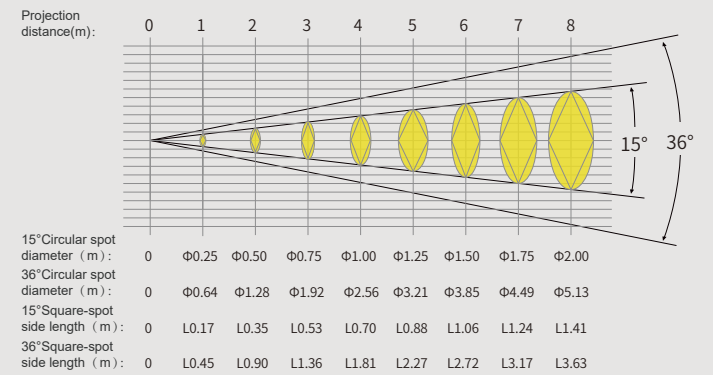
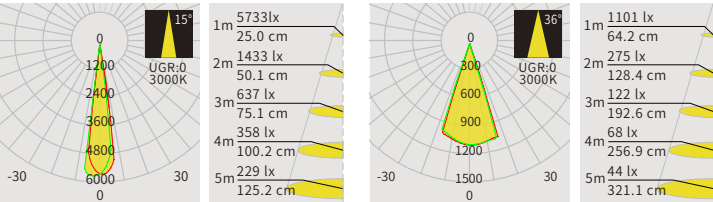
Single / tunnable white via MIJIA / TUYA Bluetooth / TMALL / TIGIDIGITAL / DALI / ORVIBO Zigbee / TUYA Zigbee / 1-10V dim, etc.



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)

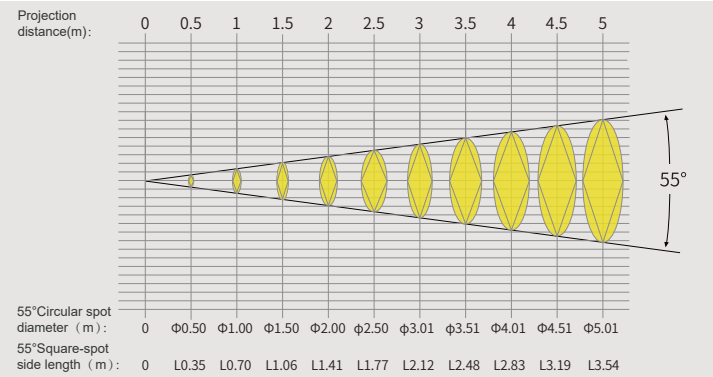
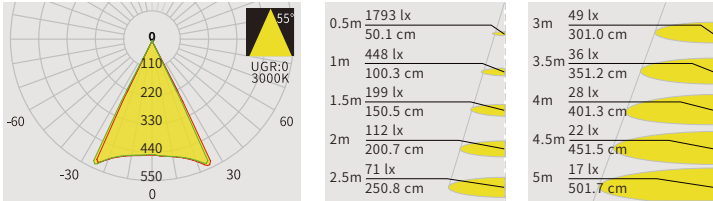
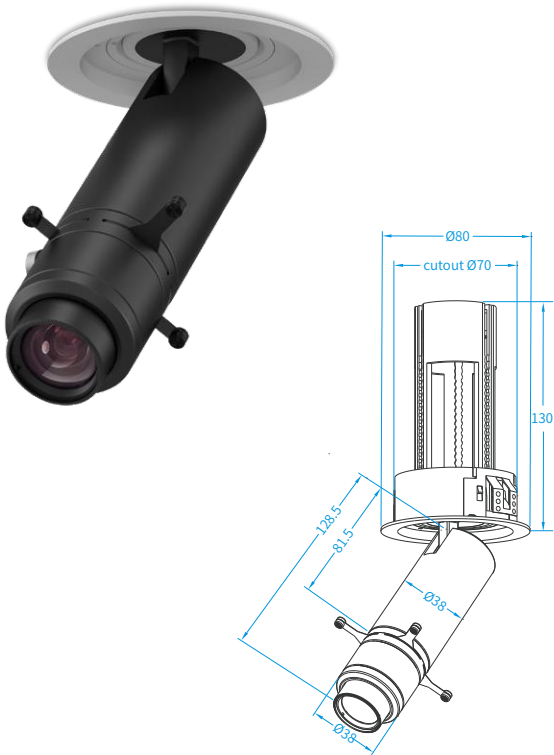


D1070K-3836B



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

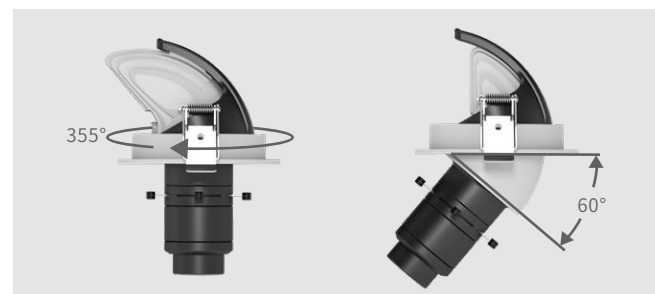
Museum, art gallery, home decoration, hotel, restaurant, machine vision lighting and other creative commercial lighting.

Dimming and CCT changing via Smart Control

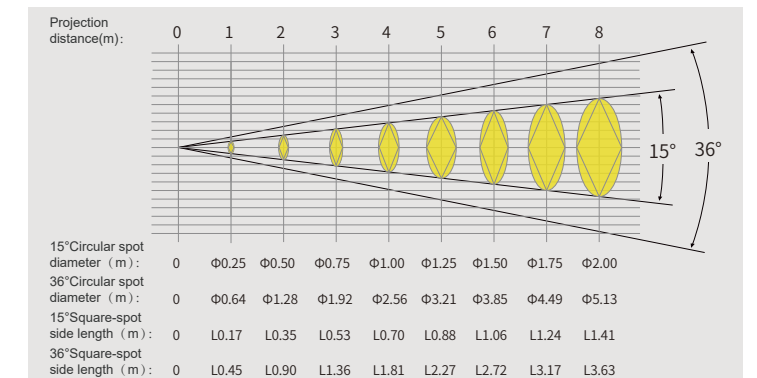
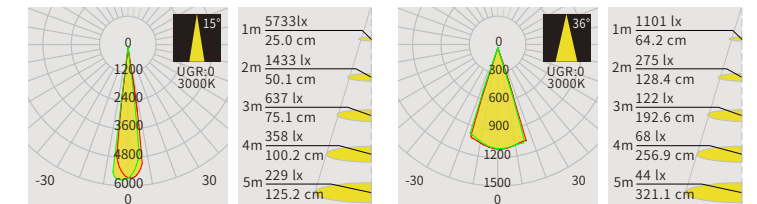
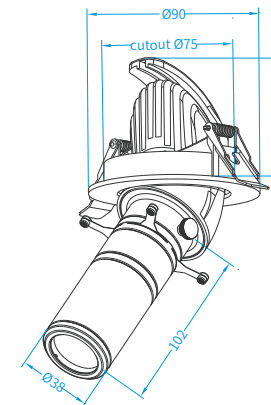
Single / tunnable white via MIJIA / TUYA Bluetooth / TMALL / TIGIDIGITAL / DALI / ORVIBO Zigbee / TUYA Zigbee / 1-10V dim, etc.



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)

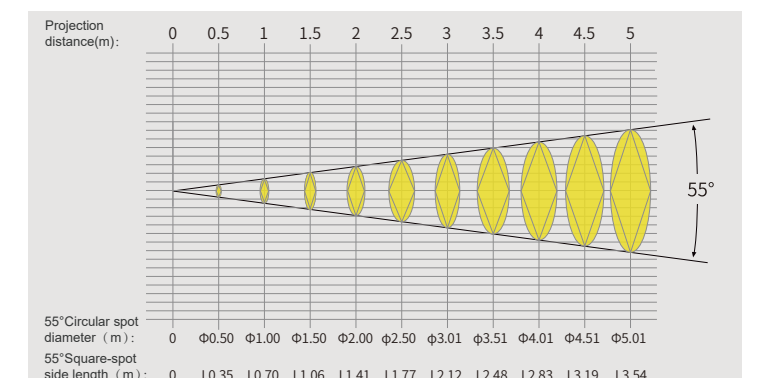
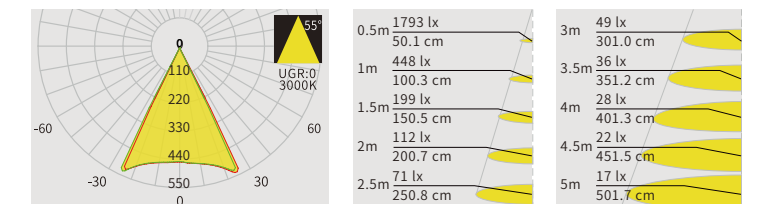
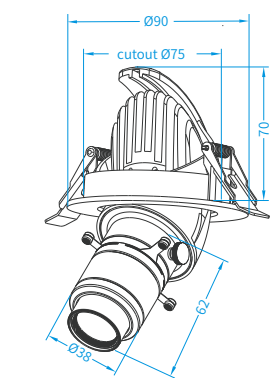


G1075K-3836B



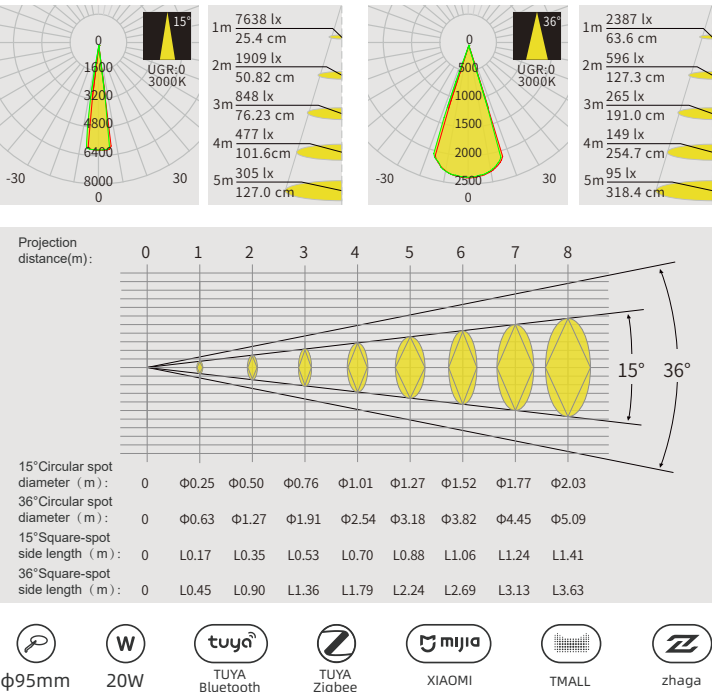
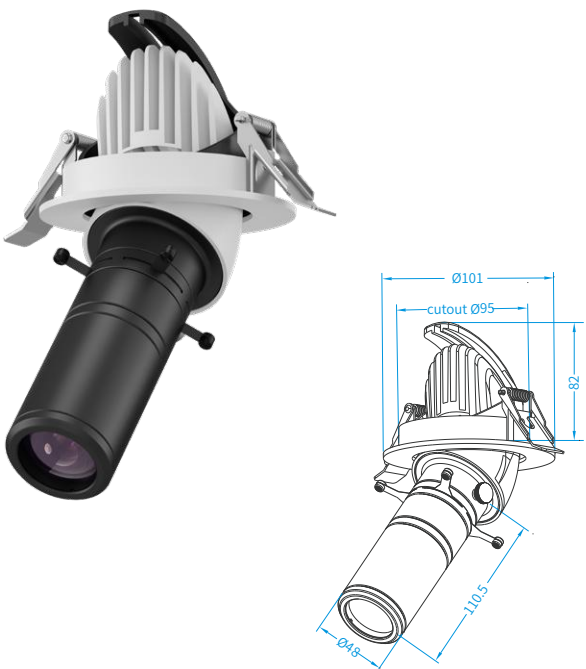
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
G1075K-3836B	10W	300~350LM	Ra≥97	2700K/3000K/4000K	15°~36°	11pcs	≤0.6 %	0.01/1	nonsupport	0.49Kg	Black/white

G1075K-3855



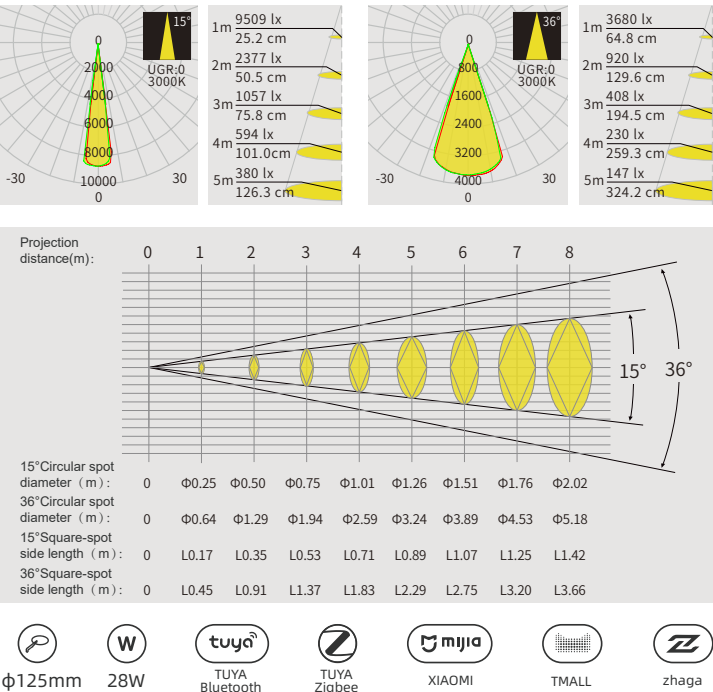
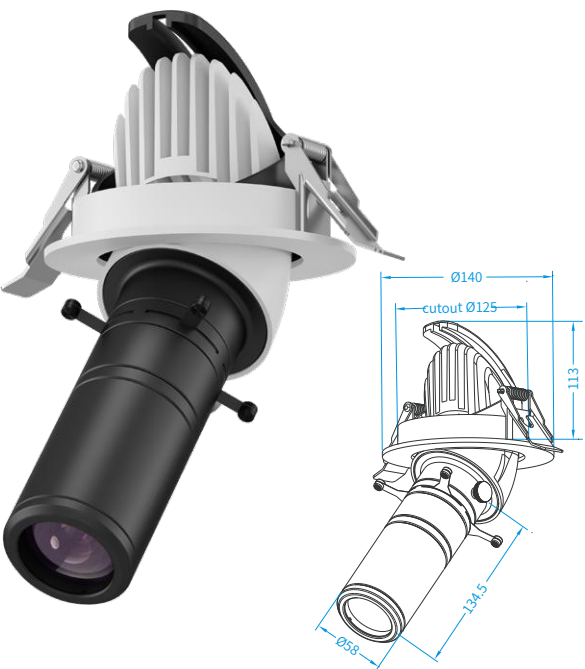
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
G1075K-3855	10W	300~350LM	Ra≥97	2700K/3000K/4000K	55°	10pcs	≤0.6 %	0.01/1	nonsupport	0.40Kg	Black/white

G2095K-4836B



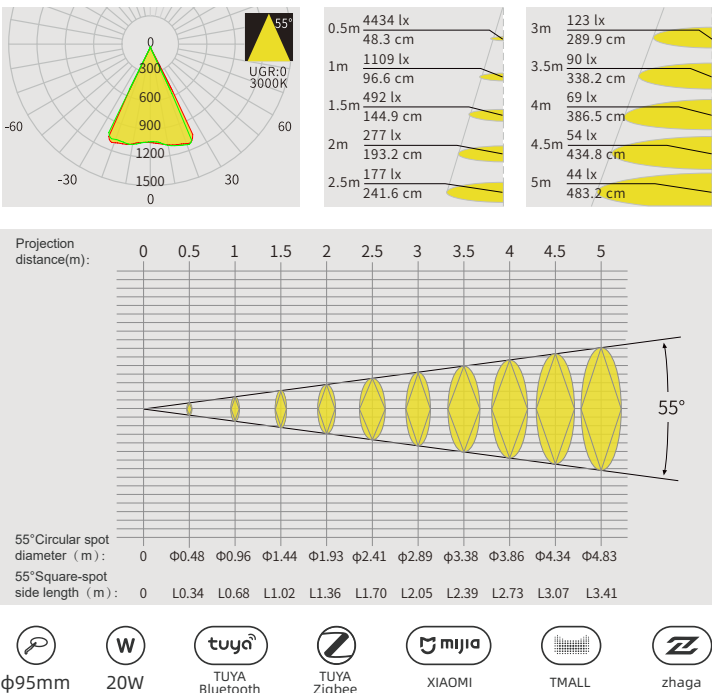
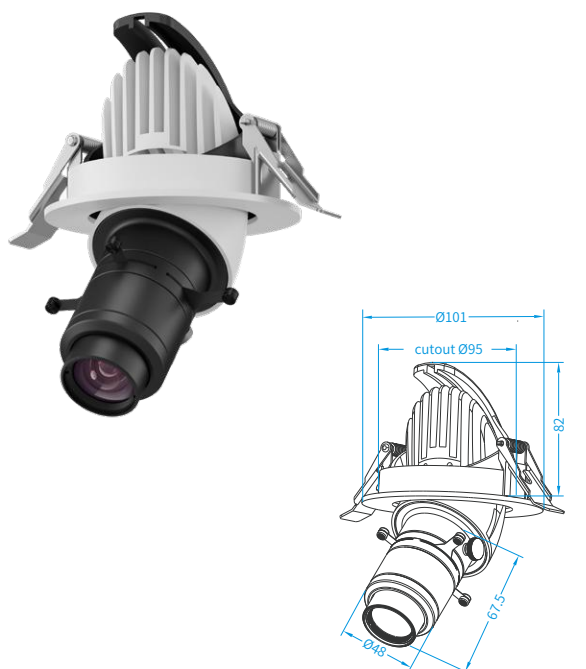
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
G2095K-4836B	20W	630~650LM	Ra≥97	2700K/3000K/4000K	15~36°	11pcs	≤0.5 %	0.01/1	Support	1.03Kg	Black/white

G30125K-5836B



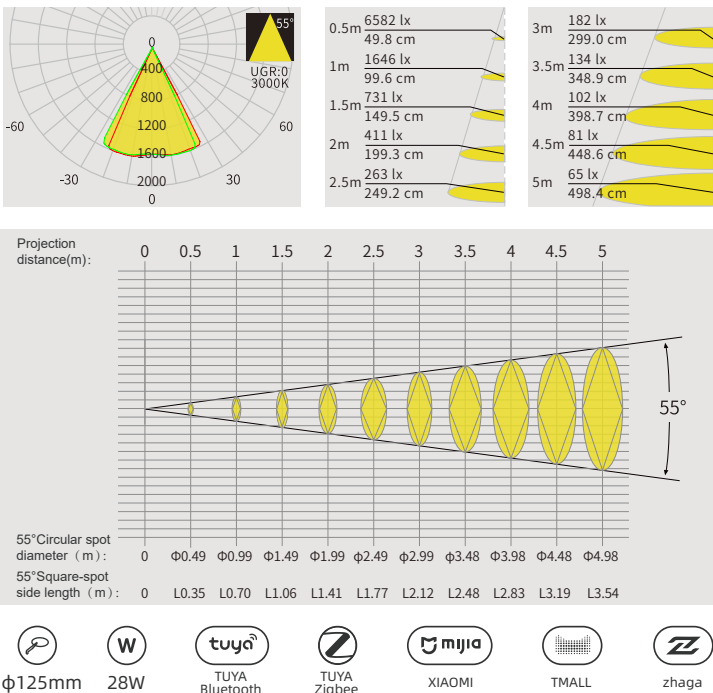
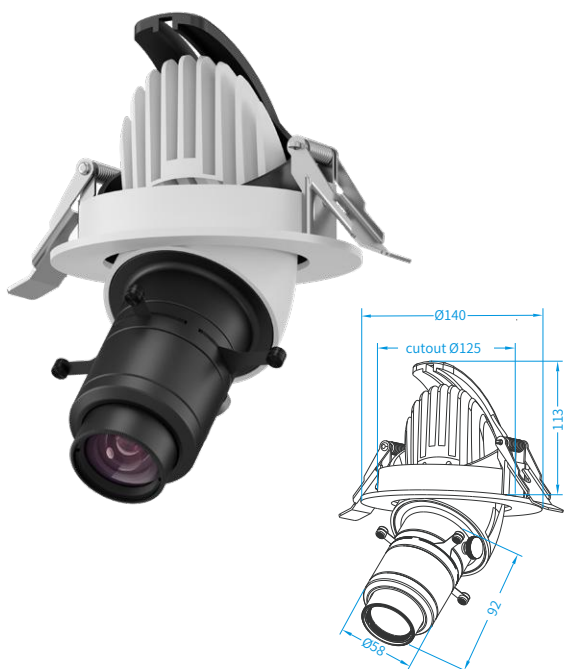
Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
G30125K-5836B	28W	870~1000LM	Ra≥97	2700K/3000K/4000K	15~36°	11pcs	≤0.5 %	0.01/1	Support	1.41Kg	Black/white

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

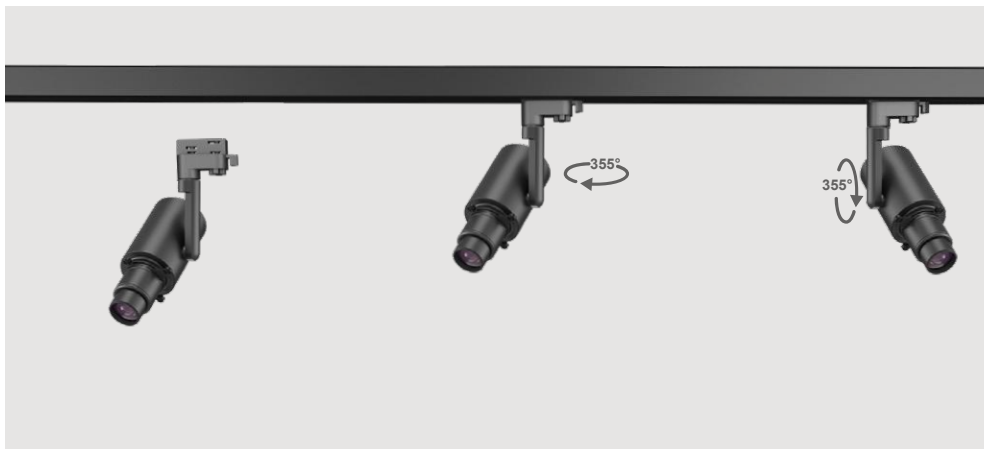


Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
G30125K-5855	28W	1050~1150LM	Ra≥97	2700K/3000K/4000K	55°	11pcs	≤0.34 %	0.01/1	Support	1.29Kg	Black/white



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.

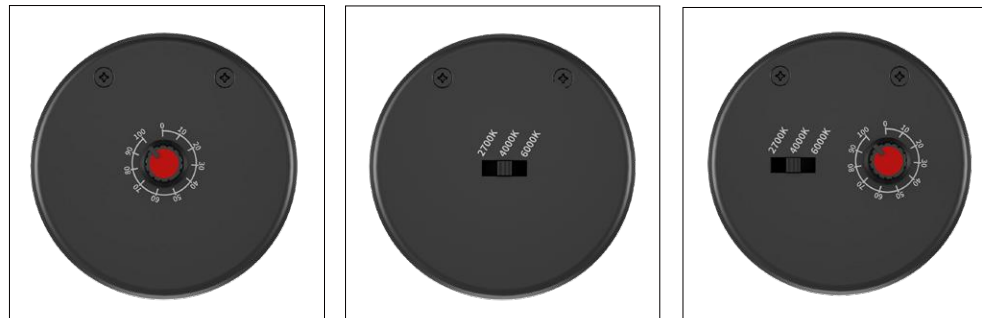


The module built-in driver control methods are generally the following

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

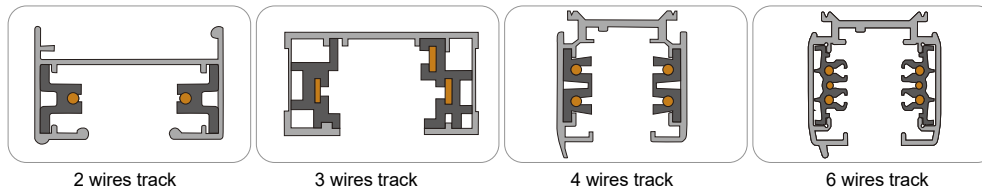
b, DIP select color temperature module
2700K/4000K/6000K
3000K/4000K/5700K

c, DIP CCT + 0-10V knob dimming

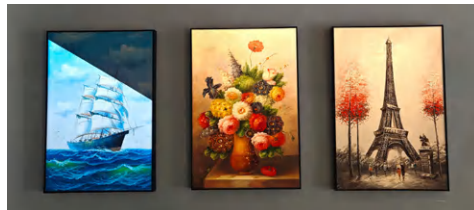


The KP series shapeable track light has the features of flexible rotation and precisely projection, supporting vertical 355° rotation and horizontal 355° rotation. (As shown below)

Track Support

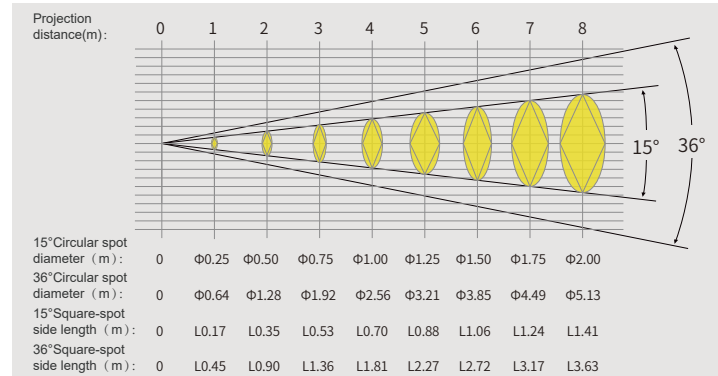
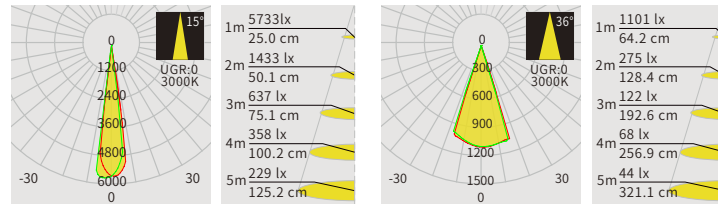


Installation effect

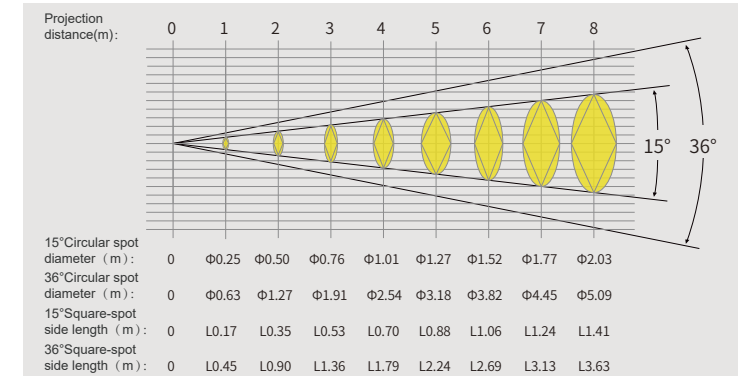
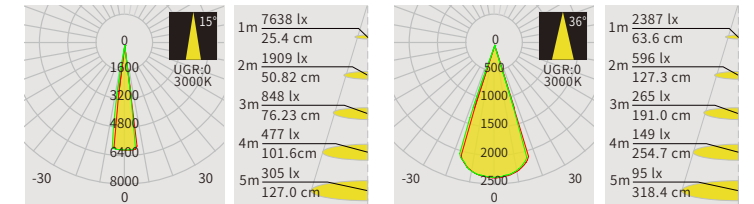
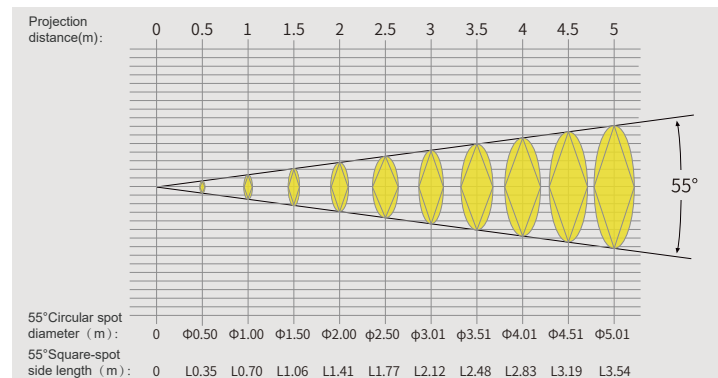
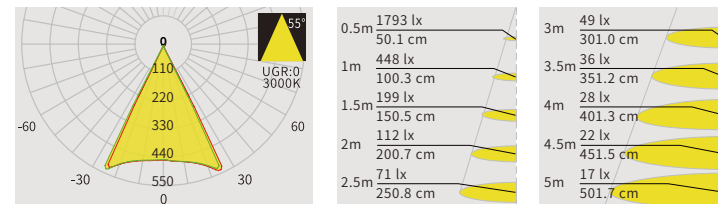


Spot effect

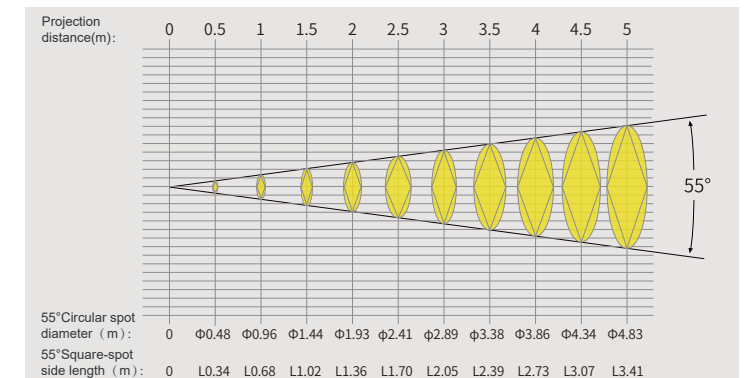
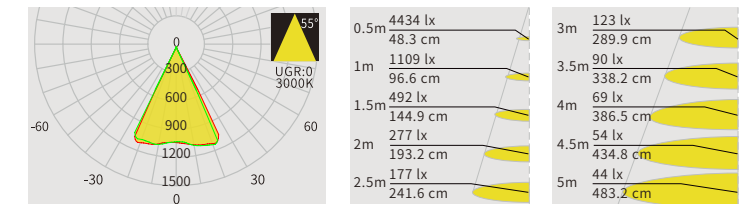


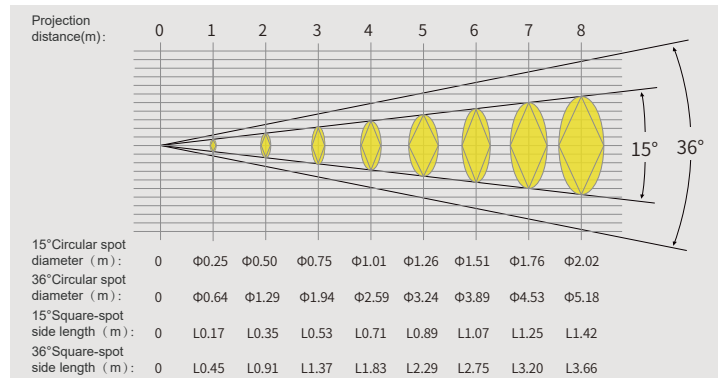
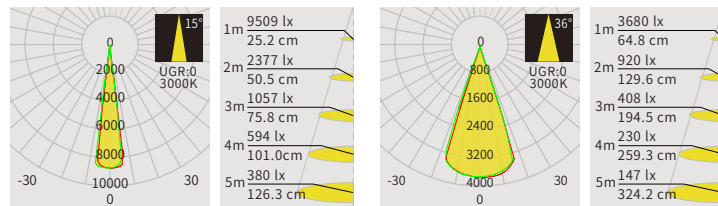


T1008K-3855



T2008K-4855



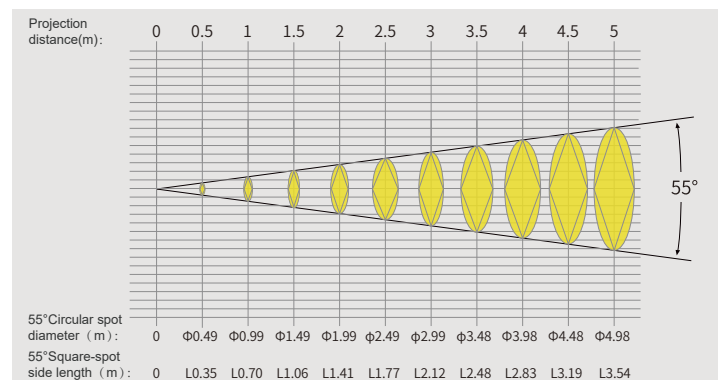
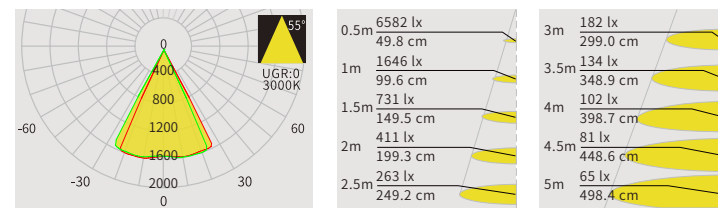


Model	Power	Luminous flux	Ra	Color temperature	Zoom range	Optical lens	TV distortion	Projection resolution sharpness	DIP CCT single lamp dimming	G.W.	Casing color
T3008K-5836B	28W	870~1000LM	Ra≥97	2700K/3000K/4000K	15~36°	11pcs	≤0.5 %	0.01/1	Support	1.53Kg	Black/white

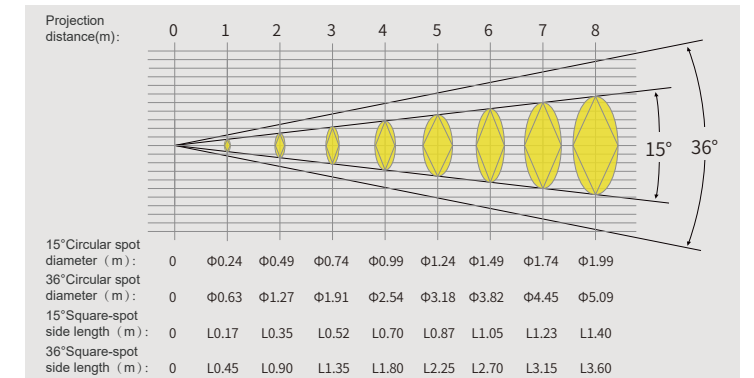
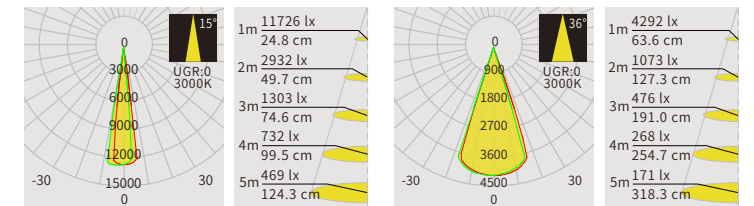
08K-5855

Technical drawing showing dimensions (in mm):

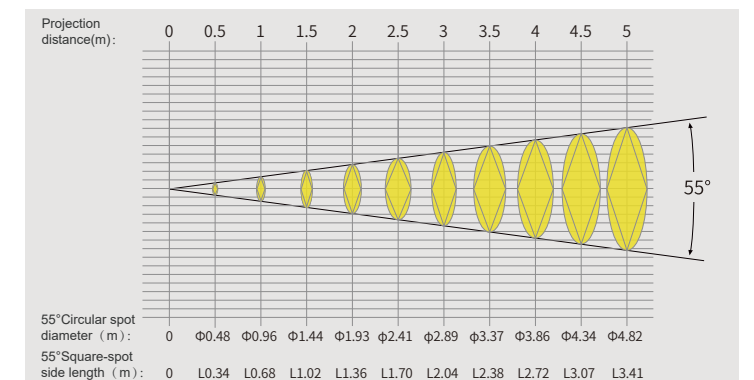
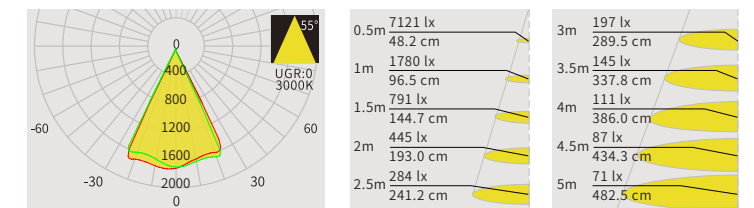
- 223.5
- 131.5
- 118
- Ø85
- Ø53



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



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



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