

Come from BESUN, go for BEing SUN.

BESUN LED LIMITED

PROFESSIONAL IMAGING OPTICAL LIGHTING SOLUTIONS

2025 EN



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!

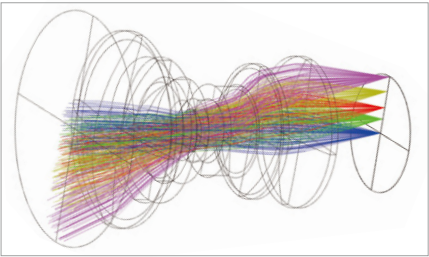
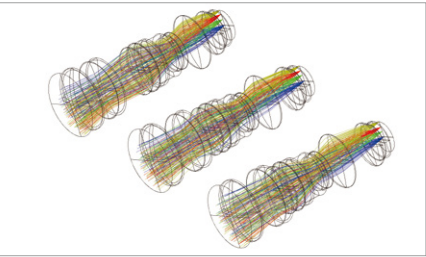


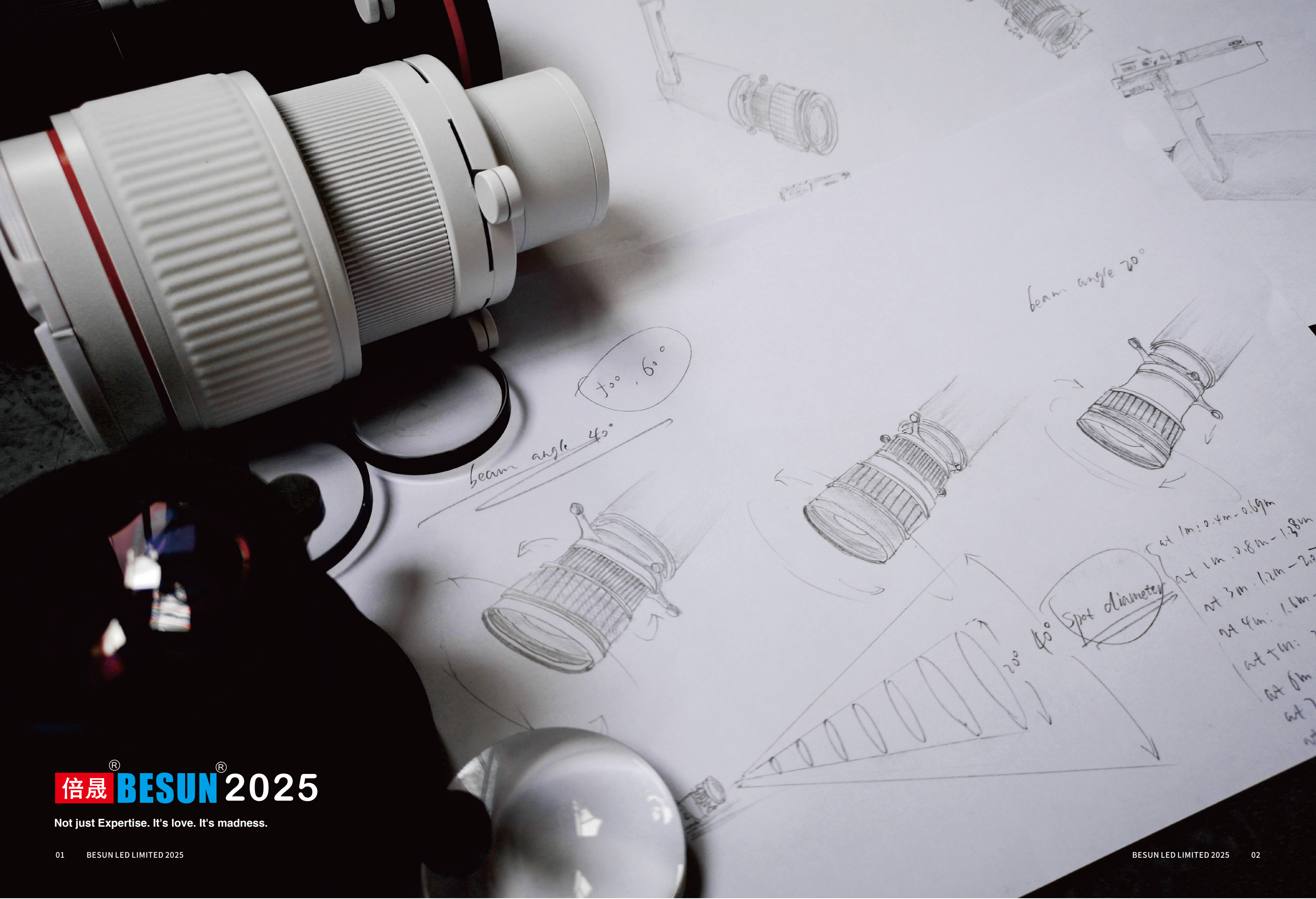
COMPANY PROFILE

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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Not just Expertise. It's love. It's madness.



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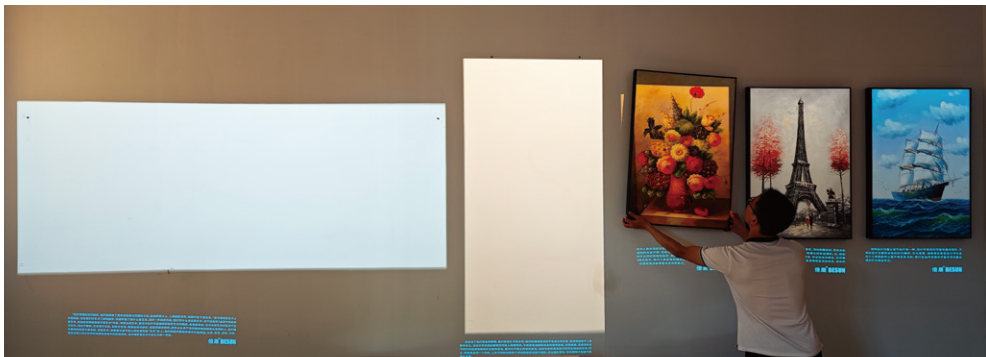
From a spiritual perspective, humanity's metaphor and pursuit of light have been endlessly reflected in great works of painting, literature, film, and sculpture, becoming a precious part of our collective heritage. If light could tell stories, the only limit would be the storyteller's imagination.



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The distinction between art and non-art lies not in knowledge, but in spirit. Art springs from life, yet transcends it. What elevates it is the very ethos of creation — dedication, persistence, exploration, endurance, and even the willingness to immerse oneself in prolonged suffering. Perhaps this is the only true boundary that separates art from all else.





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To static space, this interplay of light and shadow breathes dynamic life. Even within the same space, one's perception shifts across moments—thus we say: Only illumination can endow architecture with a soul.





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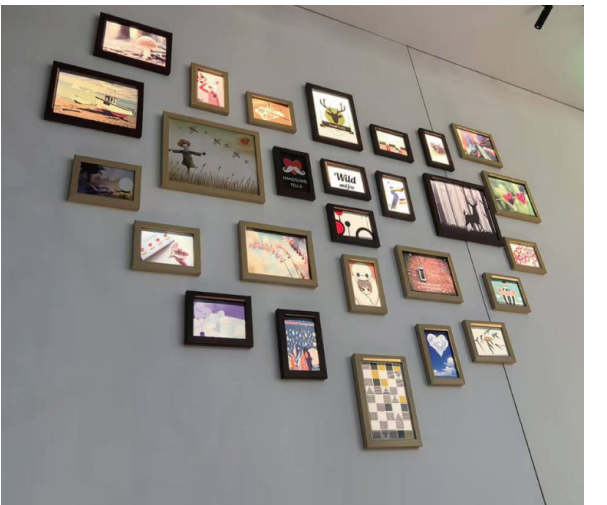
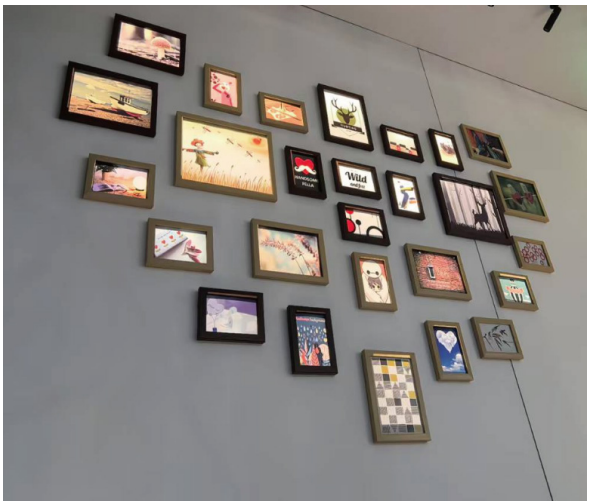
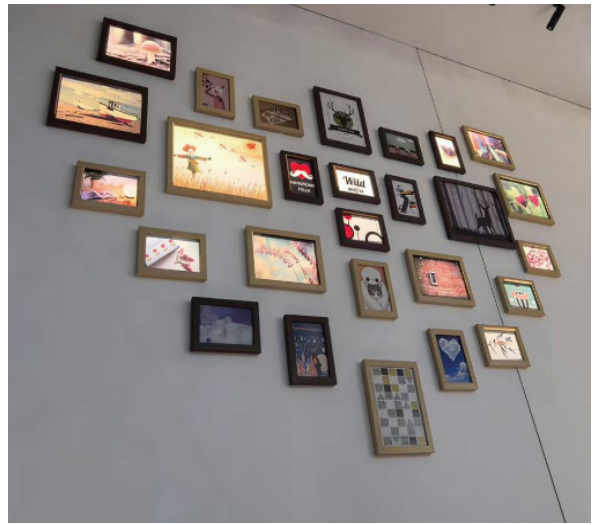
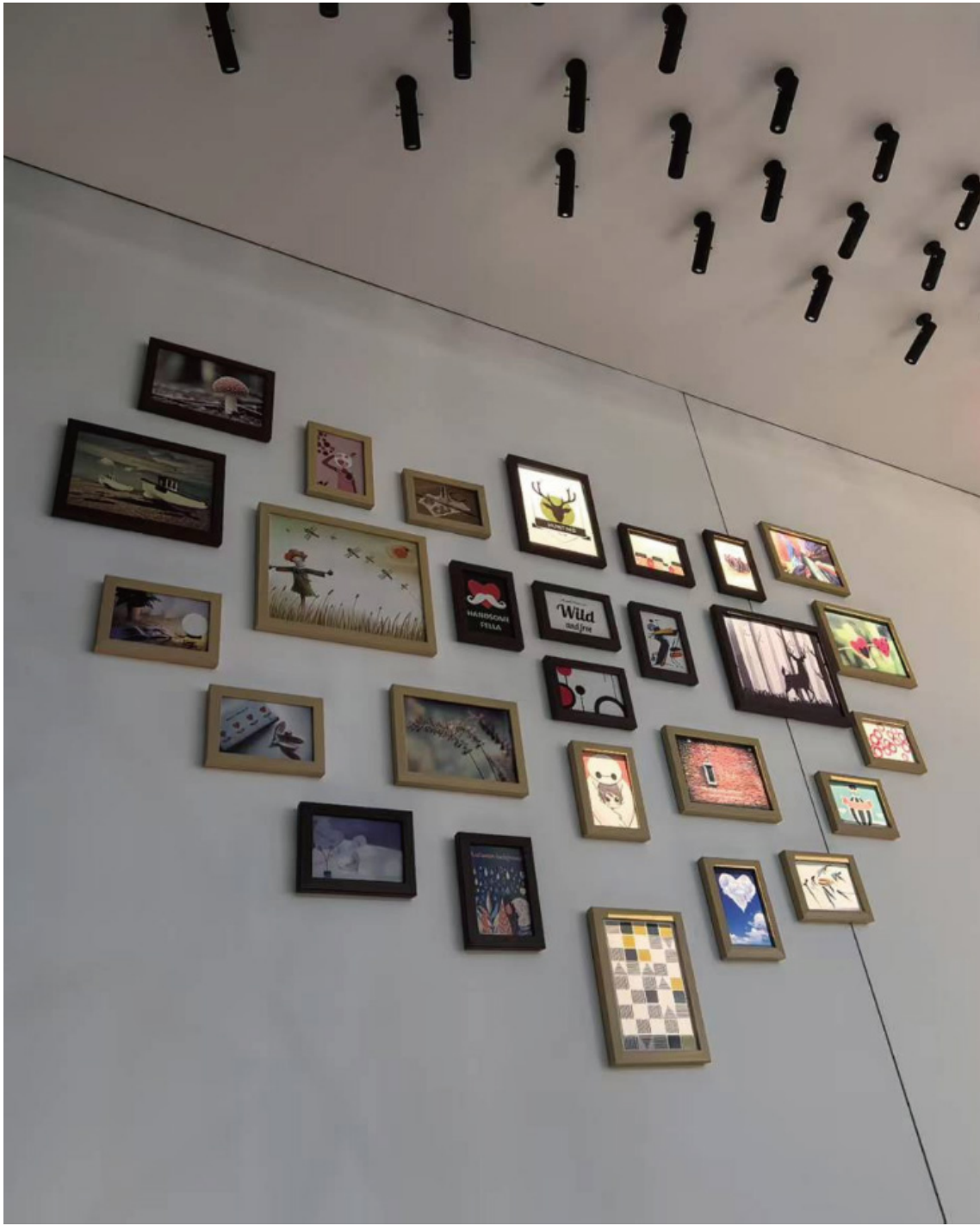
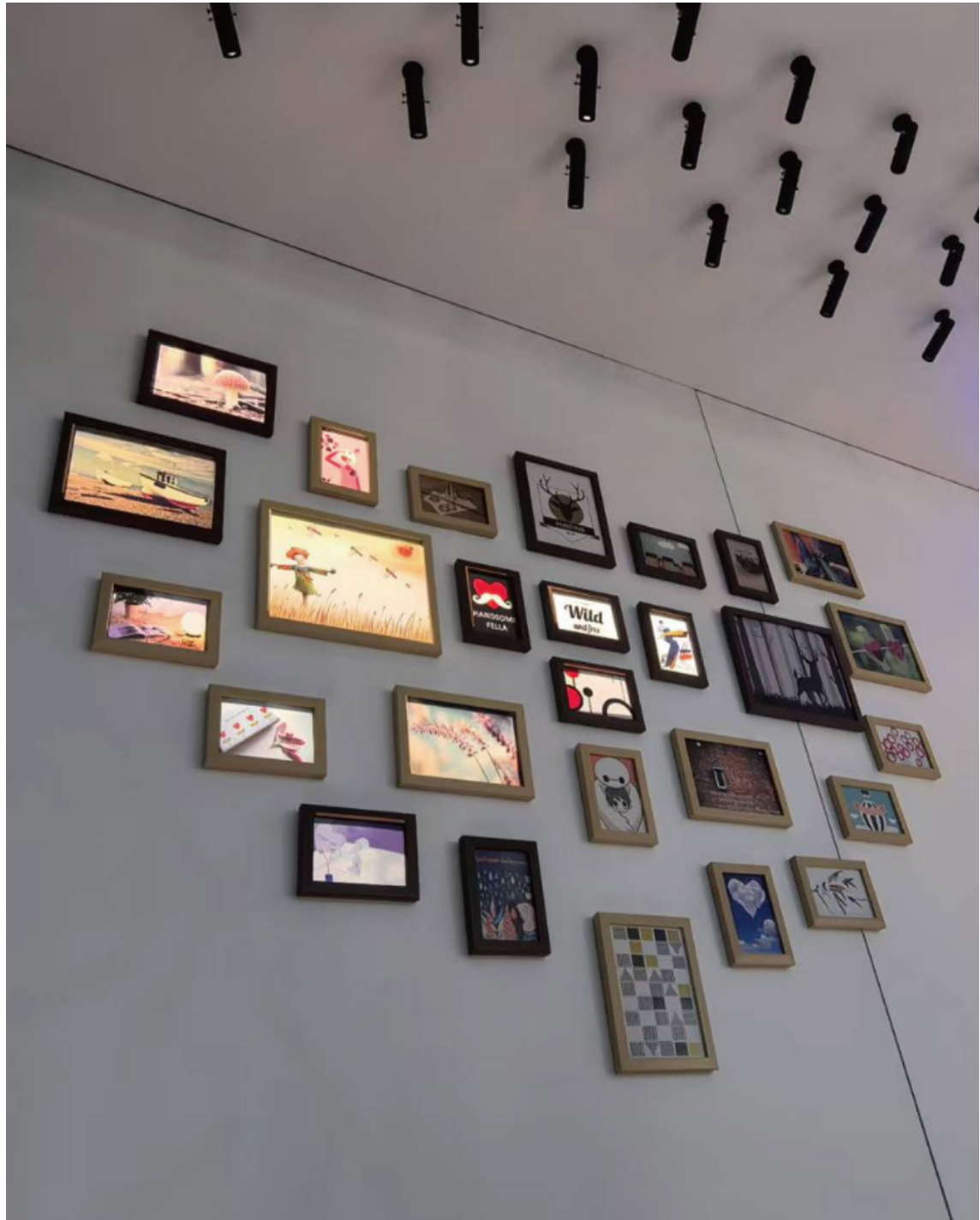
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The night gave us eyes of darkness, yet we wield them in pursuit of light.
What our eyes perceive transcends mere brightness—it is the spiritual
meaning cast by light and shadow.

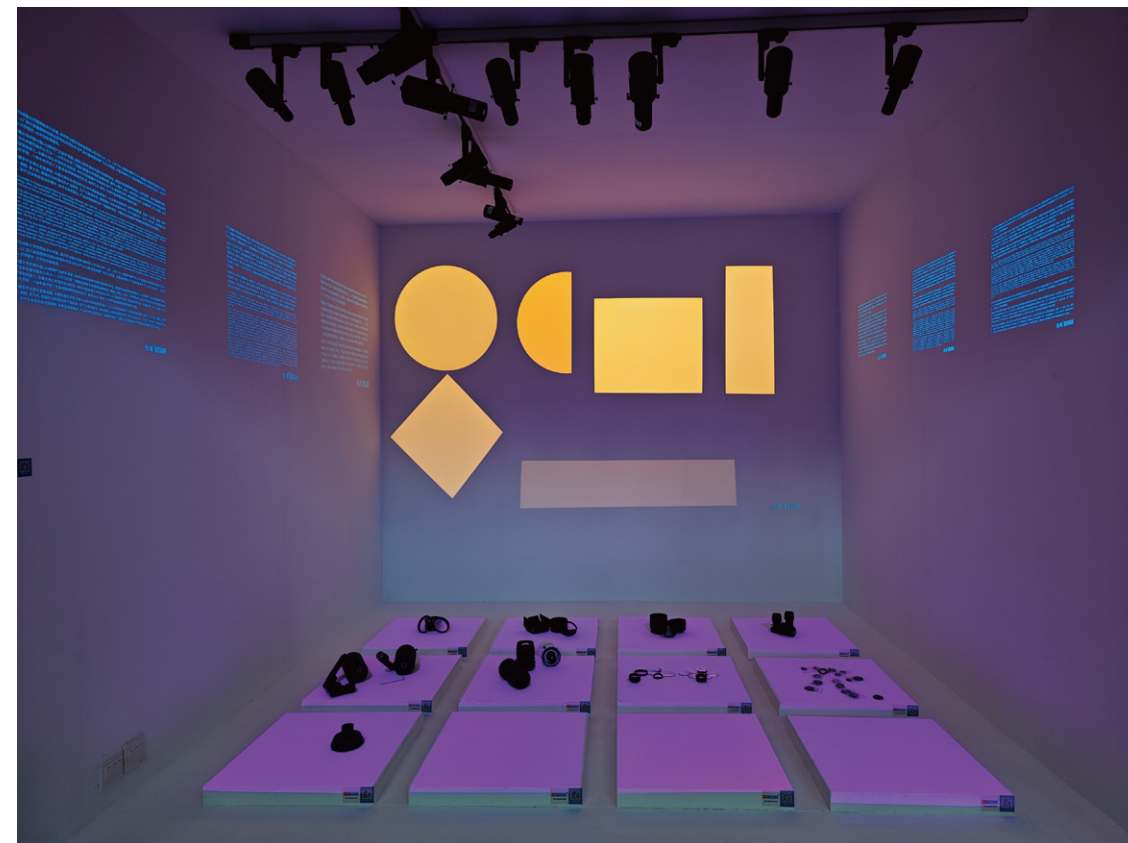




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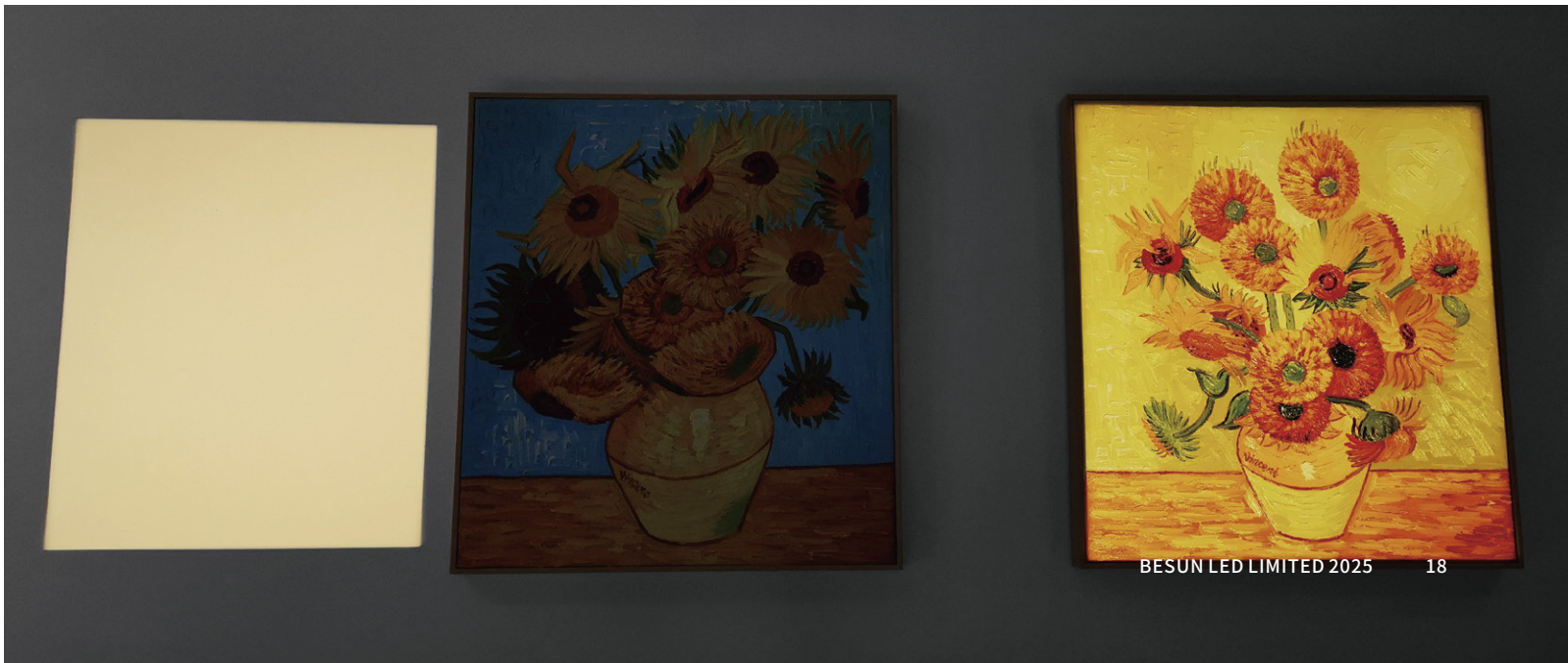
There is never just one lighting design solution—the possibilities in design are infinite. Each approach reflects distinct zeitgeists, cultural contexts, abstract concepts, and even the unique imprint of the designer. Within this boundless potential, we seek the most resonant language of light.



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We instinctively perceive circular forms as natural, organic, fluid, and soft, while associating angular or square shapes with technicality, rationality, data-driven precision, and rigidity. Light—especially direct illumination—reveals the material composition and surface textures of objects, communicating their colors, forms, and spatial relationships. Now, let us reconsider lighting spaces through the dual lens of circularity and angularity: the geometry of luminous forms, the arrangement of objects, and their dialogue with the surrounding architecture.



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Not just Expertise. It's love. It's madness.

Night evokes both delight and unease—a duality woven into darkness itself. On one hand, the inability to discern surroundings and potential hazards breeds discomfort through uncertainty. On the other, the scattered glimmers in the void conjure mystery while gifting us quiet joy.



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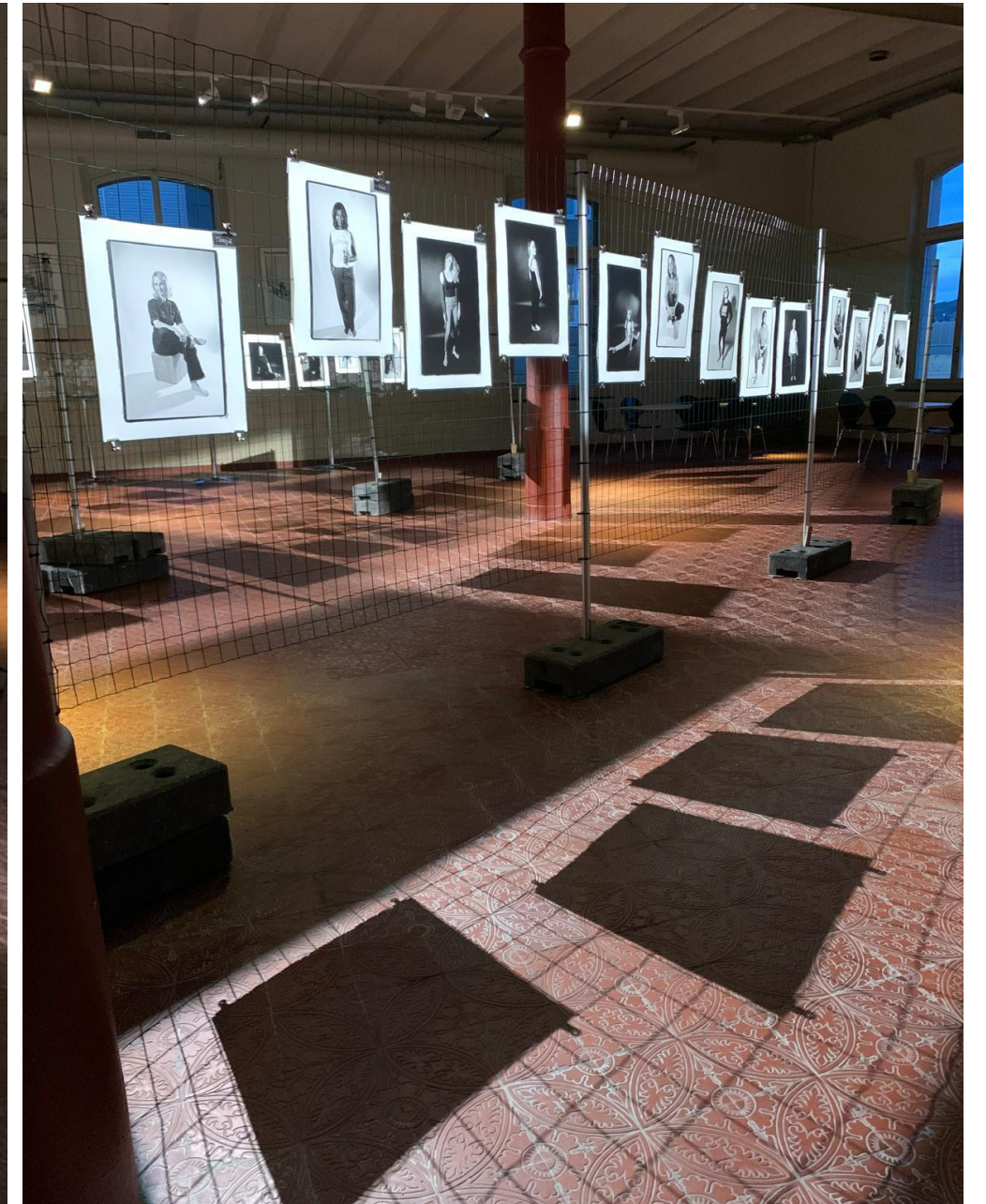


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KP Series Optical Lenses: Redefining Professional Boundaries with the Triple Extreme Principles.

When “Extreme Performance, Minimalist Design, and Ultra-Compactness” Converge in a Palm-Sized Lens, We Redefine What Professional Optics Can Be.

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KP Series Optical Lenses: Redefining Professional Boundaries with the Triple Extreme Principles.

"This isn't iteration — it's optical engineers' reinvention of zoom lenses. When every lens group's movement is precisely choreographed by differential equations, when every light ray bows to rigid-body kinematics constraints, zoom ceases to be an art of compromise. This is the pure conquest of optical engineering."





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DQ/XQ II Series Optical lenses : Rewriting the Laws of Light · Shadow · Image with Extreme Data.

When mediocre parameters become an industry hotbed, we choose to recalibrate the optical scale with nanoscale paranoia and reckless madness at any cost.

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DQ/XQ II Series Optical lenses : Rewriting the Laws of Light · Shadow · Image with Extreme Data.

Zooming should not be an equivalent exchange of image quality but an optical magic of space-time folding. Each DQ/XQ optical lens is a violent breakthrough of physical limits and the ultimate symbiosis of mechanical aesthetics and computational optics.





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When color speaks in the dialect of attitude, we paint the soul 's manifesto onto every product.

BESUN Launches [Pantone] International Color Standard Customization, paint Your Product's Unique Visual DNA with 1,800+ Pantone Colors. No more "close enough" aesthetics; from classic metallics and neon brights to the Color of the Year, we break the monotony of mass production.



RAL 9004



RAL9003

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When color speaks in the dialect of attitude, we paint the soul 's manifesto onto every product.

"Color is the silent marketer—the first soliloquy of your product." At [BESUN], we harness industrial-grade chromatic precision to transform every Pantone hue into a super-signifier for your brand—crafting a visual DNA as unique as your product itself.





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"The LEGO Revolution in Optics" — Ushering in a new era of modular lens customization, where every photon marches to your command.

When standardized lenses become shackles for creativity, we redefine optical freedom with modular photomechanical systems.

Filters:

Choose from diverse filters or customize your own—filters to your unique vision to suit your lighting needs.

Standard offerings include color filters, UV filters, diffusion filters and CCT-adjustable filters. Custom filters are also available to meet your specific requirements.



Imaging optical lens:

Choose from the standard lens configurations below, or request custom-engineered solutions to meet specific performance criteria.

Fixed focus Lens include: 6°, 8°, 10°, 42°, 55°, 72°, 90°
Zoom Lens include: 12-32°, 13-28°, 15-36°, 15-40°



Diaphragm Devices:

Choose from our standard aperture assemblies, or order custom designed diaphragms for specialized applications.

Available diaphragm types:
• Built-in 4-blade GODO diaphragm
• Embedded 4-blade GODO diaphragm
• Embedded linear-slide diaphragm



Embedded GODO device



Embedded diaphragm

Collimation Systems:

Choose from standard collimation system configurations below, or request custom-engineered solutions to meet specific performance criteria.

Available white light collimation: $\Phi 2.6/5\text{mm}$ 、 $\Phi 3.5/10\text{mm}$ 、 $\Phi 6.5/10\text{mm}$ 、 $\Phi 5/15\text{mm}$ 、 $\Phi 7/20\text{mm}$ 、 $\Phi 10.5/20\text{mm}$ 、 $\Phi 9/25\text{mm}$ 、 $\Phi 13.5/25\text{mm}$;

Full-color (COB RGBW) collimation: $\Phi 11/25\text{mm}$.

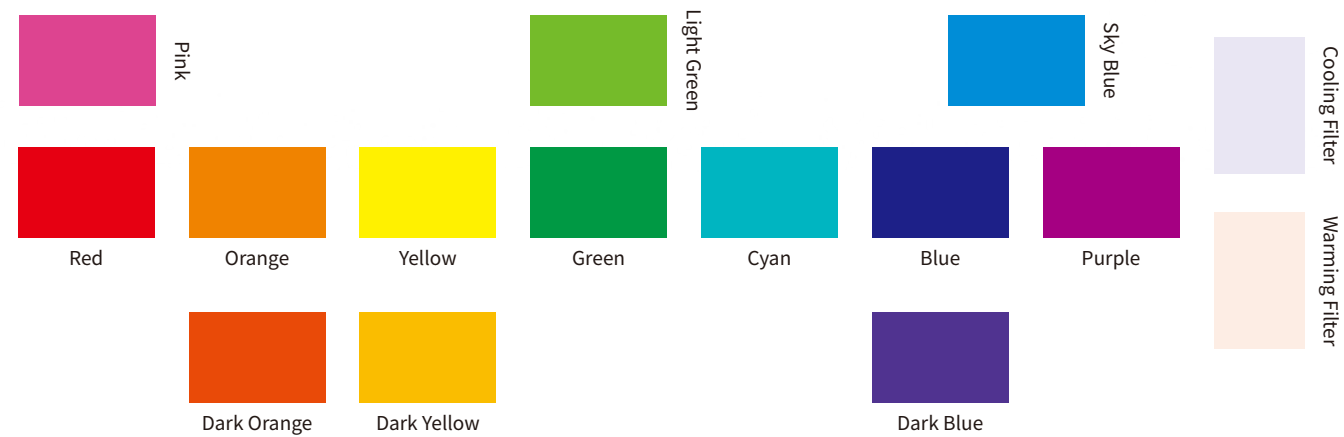


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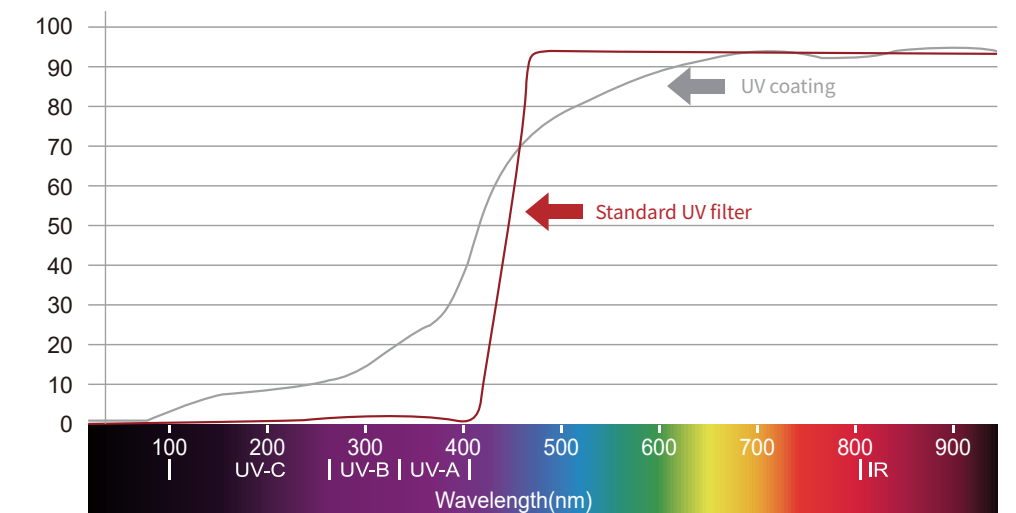
Color · Protection · Performance — The Tri-Filter Ecosystem Redefining Photonic Possibilities.

The Full-Scenario Filter Matrix is now live, providing “Optical Swiss Army Knife” for Creative Imaging & Industrial Inspection.

Standard offerings include color filters, UV filters, diffusion filters and CCT-adjustable filters. Custom filters are also available to meet your specific requirements.



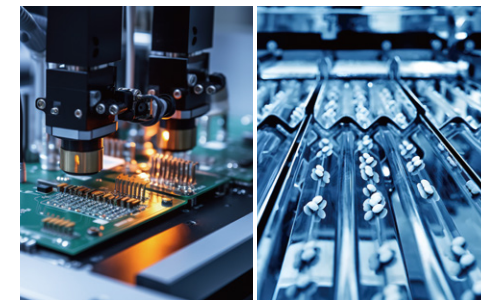
UV filter spectrum



Color filters: can change the light color of the lamp according to your needs.



UV filters: effectively block harmful UV radiation from LED lighting systems to protect illuminated objects. Particularly ideal for cultural relic illumination and silk fabric lighting applications.



Custom Optical Filters: Tailored to your specific wavelength requirements for specialized applications including: Wafer dicing filters (200-400nm)、High-precision PCB photolithography filters (365-405nm)、Pharmaceutical optical sorting filters (500-800nm), etc.

Other accessories



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"The Optical Master Key" — Unleashing cross-era lens compatibility, redefining lightpath interface standards.

While traditional optical lenses and fixtures remain trapped in the battle of incompatible mounts, we declare war on compatibility tyranny with our A/B/C/E-Mount Revolution. Now, every lens unleashes 100% optical potential - on any platform.



Type A



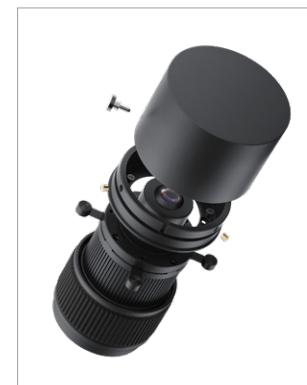
Type B



Type C



Type E



Type-A Connector (default standard). You can extract critical dimensions from the official 3D model to design custom connector as illustrated. Attach the connector to the lens, install the thermal module, then secure the assembly with screws. Tighten screws to lock lens position, loosen screws to enable 360° rotation or lens replacement.

Designed for DQ/XQ series optical lens, accommodates large lens-to-heat-sink size disparities, quick-connect mechanism with optional primary safety lock.

Design Limitations: Increased part count, Unsecured rotation when loosened – Potential drop hazard.

Critical tolerance: recommended diameter fit <0.05mm.



Type-C Connector (Lens-Integrated Quick Mount). You can extract critical dimensions from the official 3D model, drill alignment holes on the heatsink using extracted data, secure with screws to complete installation. Tighten screws to lock lens position, loosen screws to enable 360° rotation or lens replacement.

Designed for KP series optical lens and ideal for minimal lens-to-heat-sink diameter variance, quick-connect system with Tool-free operation and Optional primary safety lock.

Design Limitations: Unsecured rotation when loosened – Potential drop hazard.

Critical tolerance: recommended diameter fit <0.05mm

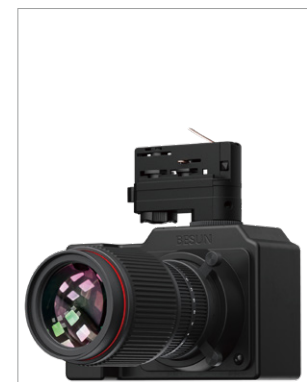


Type-B Connector (Dual-Safety Damping System). You can extract critical dimensions from the official 3D model, drill dual alignment holes on the heatsink per specifications, then secure with screw + safety latch to complete installation. Tighten screws to lock lens position, loosen screws to enable 360° rotation or lens replacement.

Designed for KP series optical lens and ideal for minimal lens-to-heat-sink diameter variance, Simple & intuitive tool-free operation, butterfly-smooth rotation with dual safety locks, zero drop risk.

Design Limitations: Lens disassembly/replacement requires complex procedures.

Critical tolerance: recommended diameter fit <0.05mm.



Type-E Connector (DSLR-style Bayonet Mount) — integrated mechanical bayonet on lens barrel. Matches corresponding heatsink mount, one-click engagement to secure lens by rotation. Press-release mechanism to enable 360° rotation or lens swap.

Suitable for all types of lenses and any size of heat sinks, the connecting device is high-end, convenient, silky-smooth rotation, high precision fit, multi-safety, no risk of falling.

BESUN 2025 Optical Lenses — Not just Expertise. It's love. It's madness.

BESUN 2025 Optical Breakthroughs: Bidirectional stepless zoom, nonlinear coupled zoom, extreme miniaturization, extreme efficiency, extreme effect, four-edge uniform sharpness, adaptive optical cleanliness, full-size projection, modified double-Gauss architecture, internal focusing/rear focusing, liquid lens, smart dimming glass, metasurface glass, plasma metamaterial.



Bidirectional Stepless Zoom

The Core Value of Bi-Directional Continuous Zoom lies in the fusion of mechanical artistry and computational optics, creating folded lightpaths that represent the ultimate symbiosis of precision engineering and photonic control.

The deep integration of mechanical precision and optical intelligence enables bi-directional linear/non-linear continuous zoom, achieving significant focal displacement within compact travel distance. This breakthrough allows variable zoom lengths at different focal ranges, fundamentally differentiating from conventional zoom mechanisms.

BESUN DQ/XQ Series lens



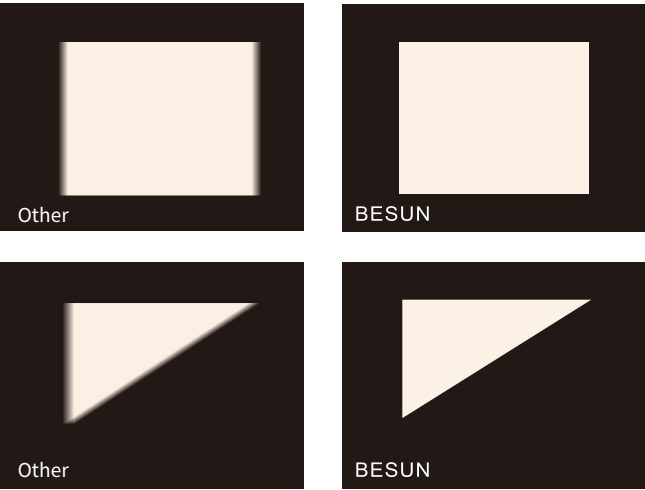
Nonlinear Coupled Zoom

The core value of nonlinear coupled zoom lens lies in exchanging technical complexity for user operation simplicity—allowing design to focus more on composition and narrative rather than being hindered by equipment limitations.

The built-in optical algorithm synchronizes lens displacement to achieve Dynamic Coupled Group Compensation (DCGC), enabling zooming with invariant spot size. This ensures consistent image scaling within the visible field, effectively eliminating frequent fix/zoom switching.

With all lens group movements enclosed within the barrel, the system enables IP67-grade waterproof sealing.

BESUN KP Series lens



Four-Edge Uniform Sharpness

Four-Edge Uniform Sharpness as a BESUN-proprietary innovation integrated into all BESUN lenses, this exclusive technology sets our optics apart from conventional designs. Key Advantages: delivers identical edge sharpness on all four sides of square light spots and maintains consistent performance when adapted to triangular spots.

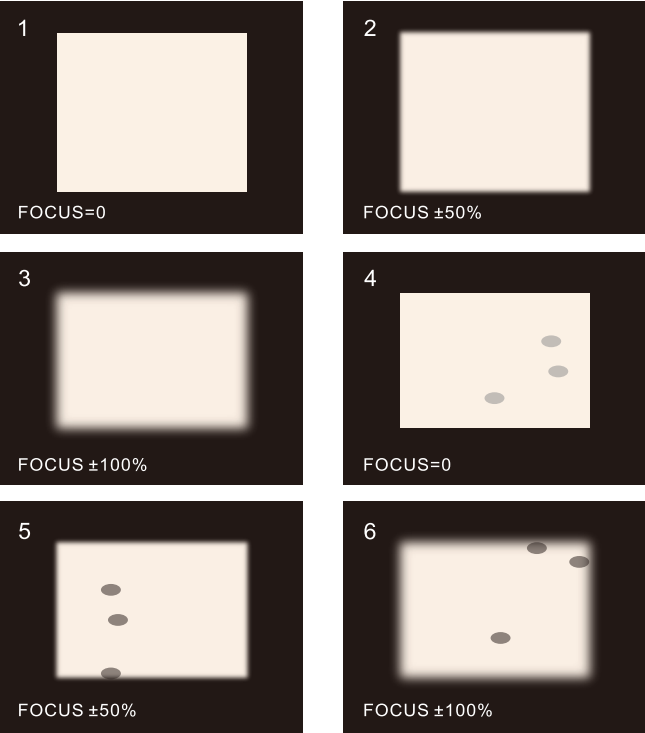
BESUN ALL Optical lenses



Full-Size Projection

We refer to optical lenses with a spot diameter equal to the diameter of the projected content as full-size projection lenses, whether zoom or fixed. Both BESUN's KP series and DQ/XQ II series possess this characteristic, distinguishing them from other similar products on the market.

Lenses with full-size projection capability allow the required projection size (where the projected image diameter equals the beam angle diameter) to be simulated and calculated via lighting software. Since full-size projection does not physically reduce the light-passing aperture, it ensures that all light energy passes through the lens in an orderly manner. This avoids the issue of abnormal heat buildup caused by energy accumulation due to a physically restricted aperture (as seen in non-full-size projection).



Adaptive Optic Cleanliness

Here, "optical cleanliness" does not refer to the physical cleanliness of the projector lens, but rather to the cleanliness of the light beam formed by the lens. As is well known, whether in a zoom or fixed optical system, the light spot will inevitably exhibit one of the three states (1、 2 or 3) during the focusing process. However, due to inherent optical design flaws in some lenses, airborne dust particles can be projected onto the light spot, as shown in Figures 4、 5 and 6. To address this issue, BESUN has established a proprietary optical cleanliness parameter for its self-developed lenses, ensuring superior beam clarity and minimizing unwanted artifacts.

Optical Cleanliness I: In practical use, the light spot remains dust-free in all three states (1, 2, and 3). Representative models : DQ/XQ II Series and KP Series

Optical Cleanliness II: During operation, the light spot remains dust-free in both State 1 and State 2. Representative models: DQ/XQ I Series.

Optical Cleanliness III: During operation, only State 1 maintains a dust-free light spot. Representative models: GZ Series.

During prolonged operation, the system maintains Optical Cleanliness Class I without manual intervention. We define such performance as Adaptive Optical Cleanliness.

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King of Track Light - Full-Scene Distributed Module

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.



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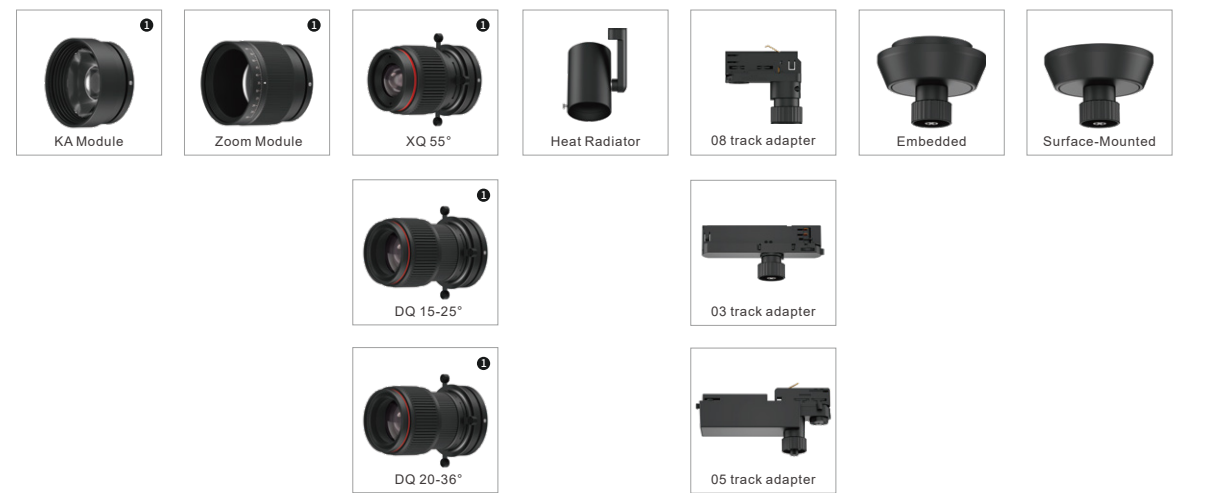
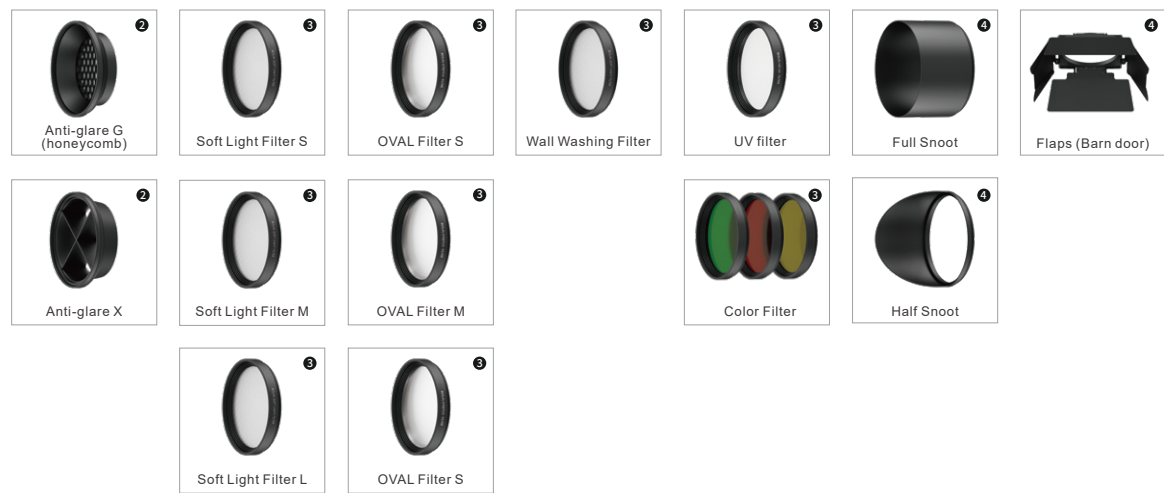
King of Track Light - Full-Scene Distributed Module

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.

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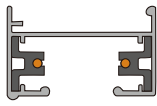
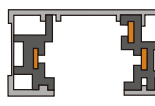

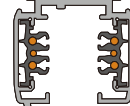
King of Track Light - Full-Scene Distributed Module




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

			
2-wires	3-wires	4-wires	6-wires

		
03 track adapter	05 track adapter	08 track adapter

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
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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.



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King of Track Light - Full-Scene Distributed Module

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.

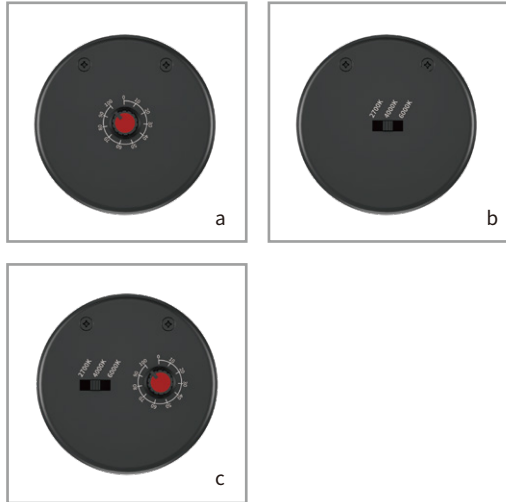
355° Vertical 355 ° rotation

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
- c, DIP CCT + 0-10V knob dimming



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.

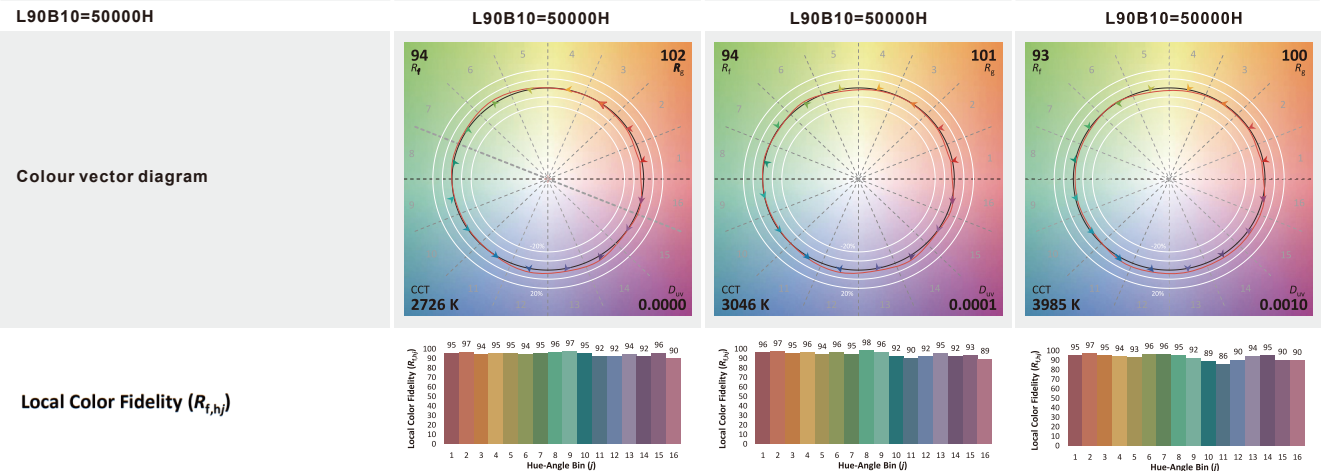
355° Horizontal 355 ° rotation



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





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

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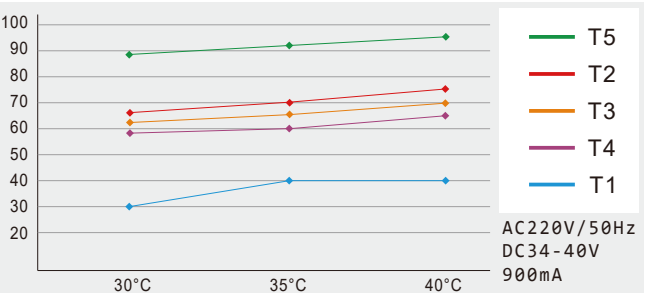
King of Track Light - Full-Scene Distributed Module

Temperature rise report

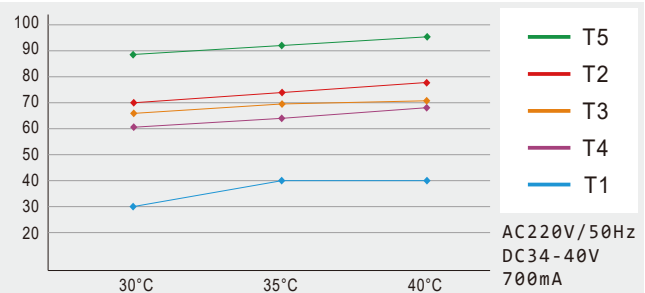
BESUN's heat dissipation material, with (226.W/M.K) super high thermal conductivity, can effectively reduce the temperature difference between inside and outside the lamp, and reduce the light decay, color temperature drift and other key data, and significantly improve the service life of the lamp.

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.

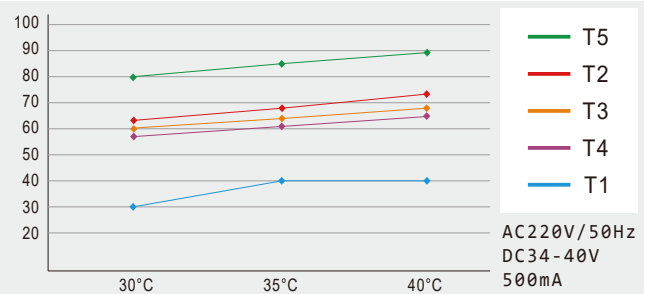
Temperature Measuring Point	environmental temperature (T1)	29.8	31.5	34.8	39.8
	welding spot's negative pole (T2)	29.8	66.1	69.2	76.5
	inside (T3)	29.8	61.2	64.7	69.9
	outside (T4)	29.8	58.1	60.8	66.8
	driver TC point (T5)	30.0	89.8	93.5	94.5
T4008	Result	OK			



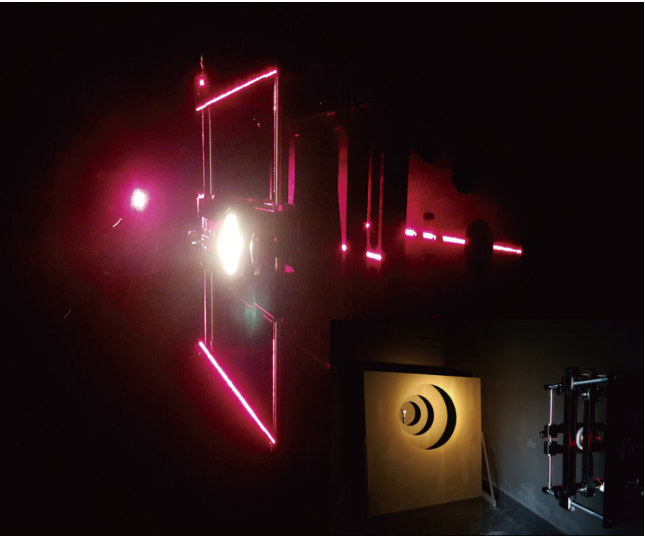
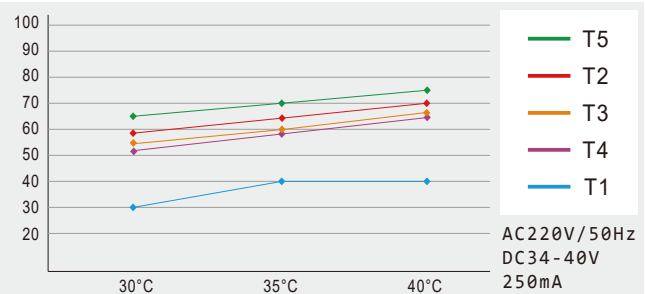
Temperature Measuring Point	environmental temperature (T1)	29.8	31.5	34.8	39.8
	welding spot's negative pole (T2)	29.9	69.4	72.1	78.5
	inside (T3)	29.8	66.7	69.4	71.5
	outside (T4)	29.8	61.8	64.7	68.5
	driver TC point (T5)	30.0	88.7	92.5	95.3
T3008	Result	OK			



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			



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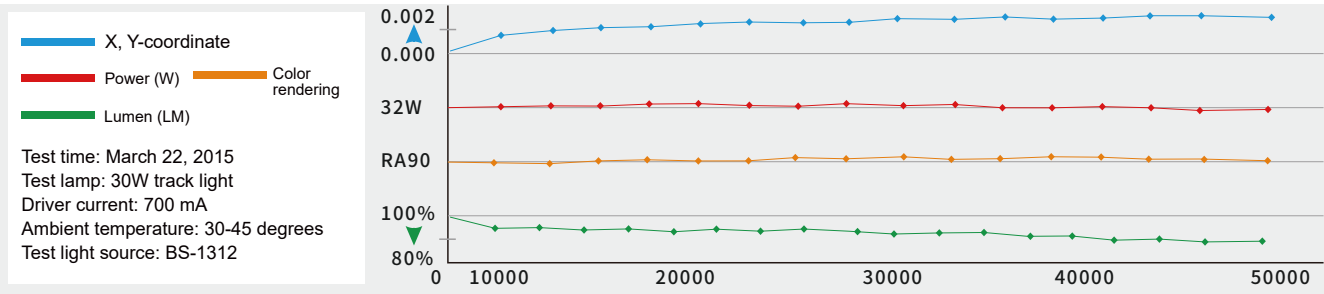
King of Track Light - Full-Scene Distributed Module

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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"The LEGO Revolution in Optics" — Ushering in a new era of modular lens customization, where every photon marches to your command.





® 倍晟 ® **BESUN** 2025 DQ/XQ I Series Lens

The DQ/XQ I Series optical lenses are defined by: intense visual impact, extreme optical performance, cost-no-object innovation, timeless classic design, full focal-length coverage and unified family styling.

The DQ/XQ I Series is equipped with telephoto, medium and short focal lengths, and the same size lens with different focal lengths can be switched seamlessly to meet the application of almost most of the scenarios.

With extreme optical parameters, the DQ/XQ series achieves a theoretically improbable light efficiency of up to 55%. Excluding other factors, this lens could even serve as a standard lighting device!





DQ/XQ I Series Lens — 4525



Specifications

Model	4525
Focal Length (f)	35-55mm
Aperture (F/#)	F1.8
Beam Angle (θ)	15°-25°
Projection Ratio:	4:1/2.3:1
Optical Distortion (%)	2.0
Uniformity (%)	90%
Resolution (lp/mm)	5lp/mm
Light Efficiency (%)	45%
Working Distance (H)	1.5m-8m
GOBO Device	Built-in
Image Surface Diameter (D)	15mm
Lens Structure	6/8
Optical Cleanliness Grade	II

Features

Four-Edge Uniform Sharpness
Bidirectional Continuous Zoom

Physical Parameters

Housing Color	Black/White/Other
Filter Specs	M37*P0.5mm
GOBO Size	10mm/19.7mm
Lens Dimensions	45*95mm
Weight	187g
Mounting Connector	Type A
Recommended Light Source Emitting Surface	< 5mm
EXW Price	\$233

4525



Basic Functions

- ① Filter Interface: Compatible with market filters or BESUN's own filters
- ② Decorative Ring: Available in black, red, white, etc.
- ③ Zoom Ring: Rotate to adjust light spot size
- ④ Focus Ring: Rotate to adjust light spot sharpness
- ⑤ Diaphragm Device: Insert /remove to change light spot shape
- ⑥ Built-in GOBO: Remove collimator and install the GOBO onto its mounting interface
- ⑦ External GOBO: Gently remove the slot to place slide film
- ⑧ Collimation: Transfer the LED's luminous energy to the optical lens



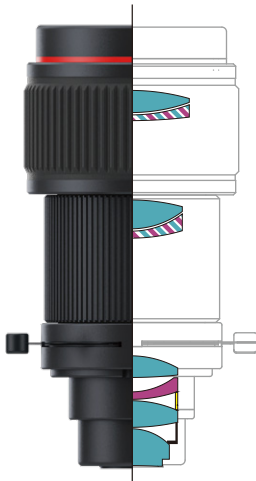
4525-A

倍晟[®] **BESUN**[®] 2025
DQ/XQ I Series Lens — 4525

Optical Architecture

We respect the laws of physics, yet refuse to be confined by conventional architectures — when every lens curvature is derived from the photon trajectory of COB LEDs, when every coating thickness aligns with the penetration phase of specific wavelengths, that is the true symbiosis of optical design and light sources.

BESUN's self-developed COB LED optical architecture delivers high CRI and superior efficiency, enabling every framing led projectors to seamlessly integrate with mainstream control systems on the market—including Lutron, ABB, DMX, DALI, TRIAC DIM, 2.4G Bluetooth/Tuya, Casambi,etc.

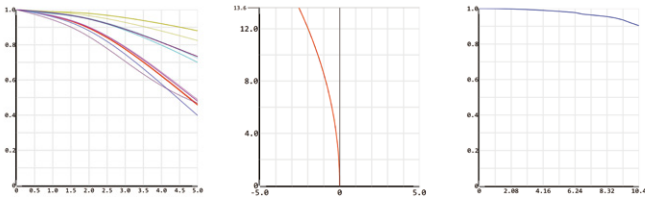


- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping

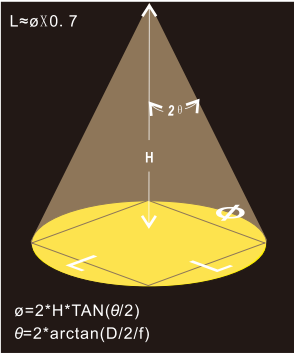
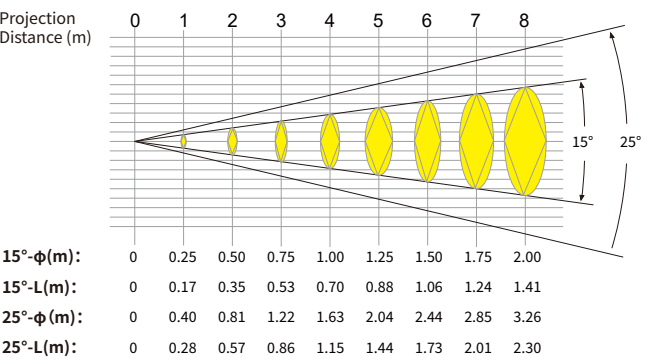
Optical Performance

Fixed focus is the DNA of optics, zoom is its language, and ultra-short throw creates its dimensions—while we are coding the very source of optical civilization.

BESUN's self-developed COB LED optical architecture is an optical system specifically engineered for COB LED light sources. Unlike optical systems designed for CMOS/DLP/LCD technologies, our system surpasses them by orders of magnitude in key parameters such as aperture, distortion, and uniformity.



Beam Parameters





DQ/XQ I Series Lens — 4536



Specifications

Model	4536
Focal Length (f)	24-40mm
Aperture (F/#)	F1.8
Beam Angle (θ)	20°-36°
Projection Ratio:	3-1.5:1
Optical Distortion (%)	2.8
Uniformity (%)	85%
Resolution (lp/mm)	3lp/mm
Light Efficiency (%)	45%
Working Distance (H)	1.5m-8m
GOBO Device	Built-in
Image Surface Diameter (D)	15mm
Lens Structure	7/10
Optical Cleanliness Grade	II

Features

Four-Edge Uniform Sharpness
Bidirectional Continuous Zoom

Physical Parameters

Housing Color	Black/White/Other
Filter Specs	M37*P0.5mm
GOBO Size	10mm/19.7mm
Lens Dimensions	45*86mm
Weight	184g
Mounting Connector	Type A
Recommended Light Source Emitting Surface	< 5mm
EXW Price	\$233

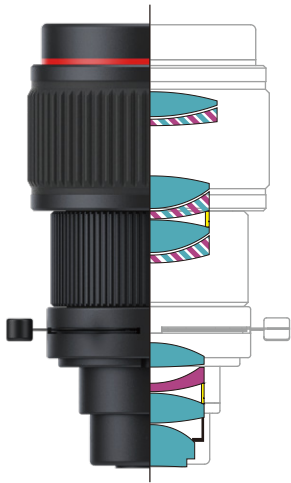
Basic Functions

- ① Filter Interface: Compatible with market filters or BESUN's own filters
- ② Decorative Ring: Available in black, red, white, etc.
- ③ Zoom Ring: Rotate to adjust light spot size
- ④ Focus Ring: Rotate to adjust light spot sharpness
- ⑤ Diaphragm Device: Insert /remove to change light spot shape
- ⑥ Built-in GOBO: Remove collimator and install the GOBO onto its mounting interface
- ⑦ External GOBO: Gently remove the slot to place slide film
- ⑧ Collimation: Transfer the LED's luminous energy to the optical lens



4536-A

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DQ/XQ I Series Lens — 4536



Optical Architecture

We respect the laws of physics, yet refuse to be confined by conventional architectures — when every lens curvature is derived from the photon trajectory of COB LEDs, when every coating thickness aligns with the penetration phase of specific wavelengths, that is the true symbiosis of optical design and light sources.

BESUN's self-developed COB LED optical architecture delivers high CRI and superior efficiency, enabling every framing led projectors to seamlessly integrate with mainstream control systems on the market—including Lutron, ABB, DMX, DALI, TRIAC DIM, 2.4G Bluetooth/Tuya, Casambi,etc.

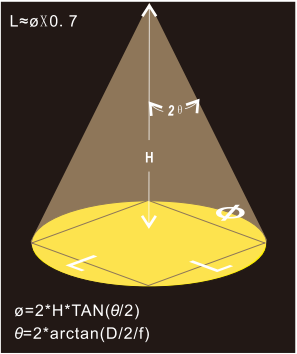
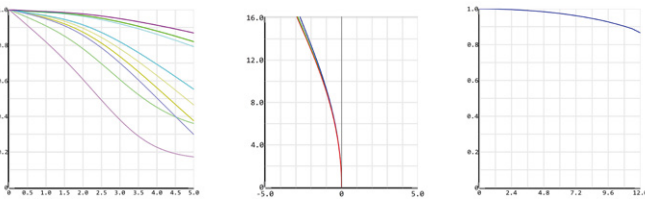
- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping



Optical Performance

Fixed focus is the DNA of optics, zoom is its language, and ultra-short throw creates its dimensions—while we are coding the very source of optical civilization.

BESUN's self-developed COB LED optical architecture is an optical system specifically engineered for COB LED light sources. Unlike optical systems designed for CMOS/DLP/LCD technologies, our system surpasses them by orders of magnitude in key parameters such as aperture, distortion, and uniformity.



Beam Parameters

Projection Distance (m)	0	1	2	3	4	5	6	7	8
20°-φ(m):	0	0.39	0.78	1.17	1.56	1.95	2.34	2.73	3.12
20°-L(m):	0	0.27	0.55	0.82	1.10	1.38	1.65	1.93	2.21
36°-φ(m):	0	0.64	1.28	1.92	2.56	3.21	3.85	4.49	5.13
36°-L(m):	0	0.45	0.90	1.36	1.81	2.27	2.72	3.17	3.63



DQ/XQ I Series Lens — 4555

Specifications

Model	4555
Focal Length (f)	15mm
Aperture (F/#)	F2.0
Beam Angle (θ)	55°
Projection Ratio:	1:1
Optical Distortion (%)	1.9
Uniformity (%)	85%
Resolution (lp/mm)	15lp/mm
Light Efficiency (%)	45%
Working Distance (H)	0.5m-3m
GOBO Device	Built-in
Image Surface Diameter (D)	15mm
Lens Structure	9/10
Optical Cleanliness Grade	I

Features

- Four-Edge Uniform Sharpness
- Full-Size Projection
- Adaptive Optive Cleanliness
- Bidirectional Continuous Focus

Physical Parameters

Housing Color	Black/White/Other
Filter Specs	M37*P0.5mm
GOBO Size	14mm/19.7mm
Lens Dimensions	45*69.5mm
Weight	175g
Mounting Connector	Type A
Recommended Light Source Emitting Surface	< 5mm
EXW Price	\$246

Basic Functions

- ① Filter Interface: Compatible with market filters or BESUN's own filters
- ② Decorative Ring: Available in black, red, white, etc.
- ③ Zoom Ring: Rotate to adjust light spot size
- ④ Focus Ring: Rotate to adjust light spot sharpness
- ⑤ Diaphragm Device: Insert /remove to change light spot shape
- ⑥ Built-in GOBO: Remove collimator and install the GOBO onto its mounting interface
- ⑦ External GOBO: Gently remove the slot to place slide film
- ⑧ Collimation: Transfer the LED's luminous energy to the optical lens

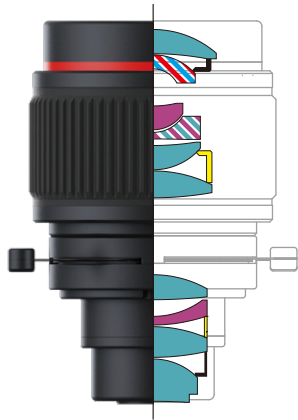


4555-A

Optical Architecture

We respect the laws of physics, yet refuse to be confined by conventional architectures — when every lens curvature is derived from the photon trajectory of COB LEDs, when every coating thickness aligns with the penetration phase of specific wavelengths, that is the true symbiosis of optical design and light sources.

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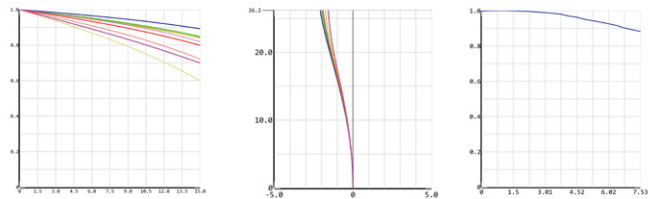


- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping

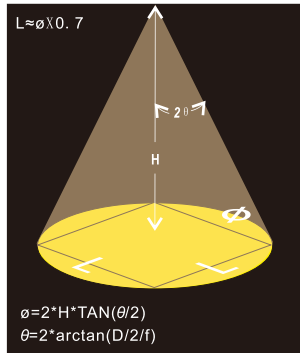
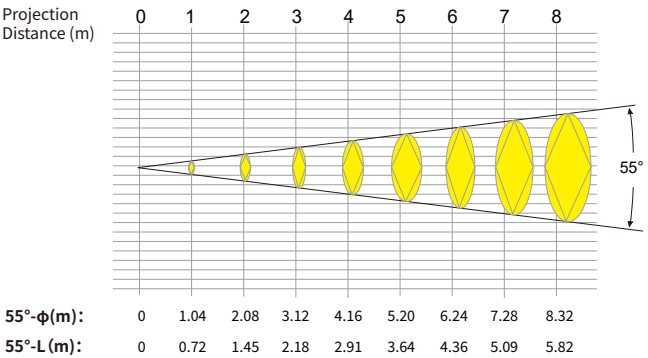
Optical Performance

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Beam Parameters





DQ/XQ I Series Lens — 7525

Specifications

Model	7525
Focal Length (f)	56-90mm
Aperture (F/#)	F1.7
Beam Angle (θ)	15°-25°
Projection Ratio:	4:1/2.3:1
Optical Distortion (%)	2.2
Uniformity (%)	90%
Resolution (lp/mm)	5lp/mm
Light Efficiency (%)	55%
Working Distance (H)	2m-10m
GOBO Device	Built-in
Image Surface Diameter (D)	25mm
Lens Structure	6/8
Optical Cleanliness Grade	II

Features

- Four-Edge Uniform Sharpness
- Bidirectional Continuous Zoom
- Ultra-high Efficiency

Physical Parameters

Housing Color	Black/White/Other
Filter Specs	M67*P0.75mm
GOBO Size	18mm/31.2mm
Lens Dimensions	75*143mm
Weight	742g
Mounting Connector	Type A
Recommended Light Source Emitting Surface	< 9mm
EXW Price	\$344

Basic Functions

- ① Filter Interface: Compatible with market filters or BESUN's own filters
- ② Decorative Ring: Available in black, red, white, etc.
- ③ Zoom Ring: Rotate to adjust light spot size
- ④ Focus Ring: Rotate to adjust light spot sharpness
- ⑤ Diaphragm Device: Insert /remove to change light spot shape
- ⑥ Built-in GOBO: Remove collimator and install the GOBO onto its mounting interface
- ⑦ External GOBO: Gently remove the slot to place slide film
- ⑧ Collimation: Transfer the LED's luminous energy to the optical lens



7525-A

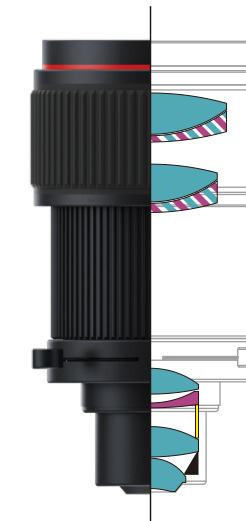
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DQ/XQ I Series Lens — 7525

Optical Architecture

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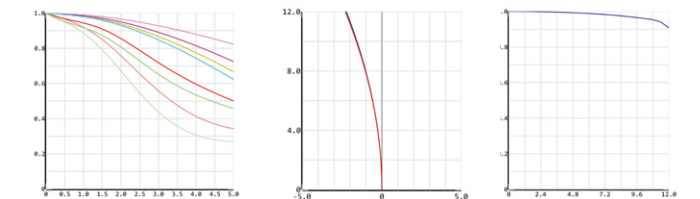


- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping

Optical Performance

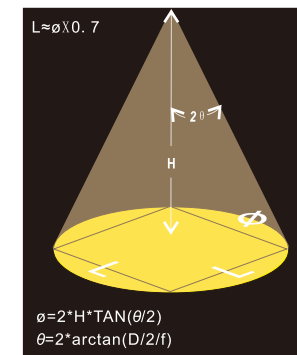
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Beam Parameters

Projection Distance (m)	0	1	2	3	4	5	6	7	8
15°-Φ(m):	0	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00
15°-L(m):	0	0.17	0.35	0.53	0.70	0.88	1.06	1.24	1.41
25°-Φ(m):	0	0.40	0.81	1.22	1.63	2.04	2.44	2.85	3.26
25°-L(m):	0	0.28	0.57	0.86	1.15	1.44	1.73	2.01	2.30





DQ/XQ I Series Lens — 7536



Specifications

Model	7536
Focal Length (f)	38-87mm
Aperture (F/#)	F1.7
Beam Angle (θ)	20°-36°
Projection Ratio:	3-1.5:1
Optical Distortion (%)	2.9
Uniformity (%)	85%
Resolution (lp/mm)	3lp/mm
Light Efficiency (%)	55%
Working Distance (H)	2m-10m
GOBO Device	Built-in
Image Surface Diameter (D)	25mm
Lens Structure	7/10
Optical Cleanliness Grade	II

Features

Four-Edge Uniform Sharpness
Bidirectional Continuous Zoom
Ultra-high Efficiency

Physical Parameters

Housing Color	Black/White/Other
Filter Specs	M67*P0.75mm
GOBO Size	18mm/31.2mm
Lens Dimensions	75*131mm
Weight	755g
Mounting Connector	Type A
Recommended Light Source Emitting Surface	< 9mm
EXW Price	\$344

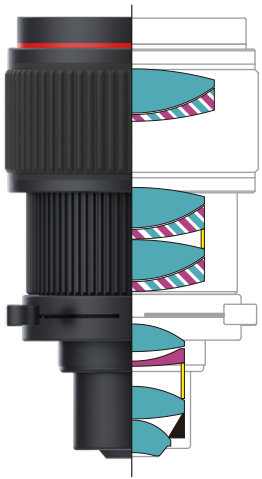
Basic Functions

- ① Filter Interface: Compatible with market filters or BESUN's own filters
- ② Decorative Ring: Available in black, red, white, etc.
- ③ Zoom Ring: Rotate to adjust light spot size
- ④ Focus Ring: Rotate to adjust light spot sharpness
- ⑤ Diaphragm Device: Insert /remove to change light spot shape
- ⑥ Built-in GOBO: Remove collimator and install the GOBO onto its mounting interface
- ⑦ External GOBO: Gently remove the slot to place slide film
- ⑧ Collimation: Transfer the LED's luminous energy to the optical lens



7536-A

倍晟[®] **BESUN**[®] 2025
DQ/XQ I Series Lens — 7536



Optical Architecture

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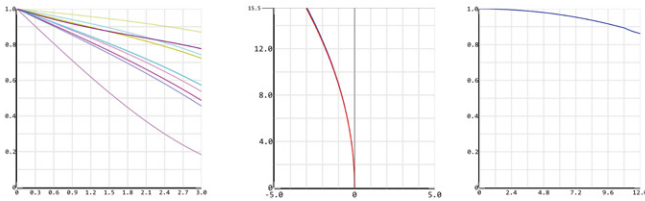
- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping



Optical Performance

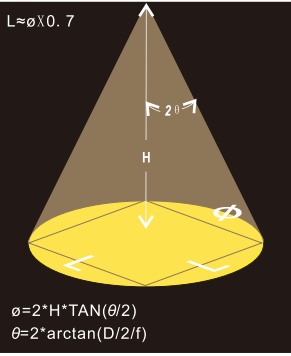
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Beam Parameters

Projection Distance (m)	0	1	2	3	4	5	6	7	8
20°-Φ(m):	0	0.39	0.78	1.17	1.56	1.95	2.34	2.73	3.12
20°-L(m):	0	0.27	0.55	0.82	1.10	1.38	1.65	1.93	2.21
36°-Φ(m):	0	0.64	1.28	1.92	2.56	3.21	3.85	4.49	5.13
36°-L(m):	0	0.45	0.90	1.36	1.81	2.27	2.72	3.17	3.63





DQ/XQ I Series Lens — 7555

Specifications

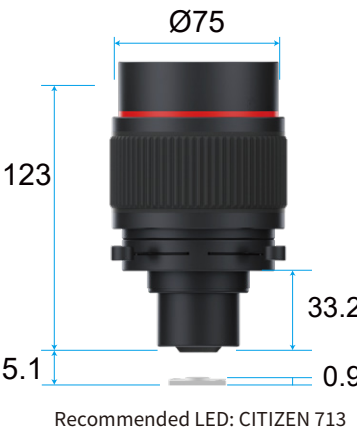
Model	7555
Focal Length (f)	25mm
Aperture (F/#)	F2.0
Beam Angle (θ)	55°
Projection Ratio:	1:1
Optical Distortion (%)	1.4
Uniformity (%)	80%
Resolution (lp/mm)	15lp/mm
Light Efficiency (%)	45%
Working Distance (H)	1m-5m
GOBO Device	Built-in
Image Surface Diameter (D)	25mm
Lens Structure	10/11
Optical Cleanliness Grade	I

Features

Four-Edge Uniform Sharpness
Bidirectional Continuous Focus
Full-Size Projection
Adaptive Optive Cleanliness

Physical Parameters

Housing Color	Black/White/Other
Filter Specs	M67*P0.75mm
GOBO Size	24mm/31.2mm
Lens Dimensions	75*123mm
Weight	740g
Mounting Connector	Type A
Recommended Light Source Emitting Surface	< 9mm
EXW Price	\$356



7555

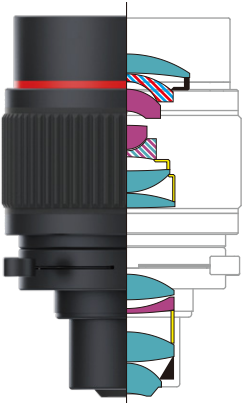


Basic Functions

- ① Filter Interface: Compatible with market filters or BESUN's own filters
- ② Decorative Ring: Available in black, red, white, etc.
- ③ Zoom Ring: Rotate to adjust light spot size
- ④ Focus Ring: Rotate to adjust light spot sharpness
- ⑤ Diaphragm Device: Insert /remove to change light spot shape
- ⑥ Built-in GOBO: Remove collimator and install the GOBO onto its mounting interface
- ⑦ External GOBO: Gently remove the slot to place slide film
- ⑧ Collimation: Transfer the LED's luminous energy to the optical lens



7555-A



Optical Architecture

We respect the laws of physics, yet refuse to be confined by conventional architectures — when every lens curvature is derived from the photon trajectory of COB LEDs, when every coating thickness aligns with the penetration phase of specific wavelengths, that is the true symbiosis of optical design and light sources.

BESUN's self-developed COB LED optical architecture delivers high CRI and superior efficiency, enabling every framing led projectors to seamlessly integrate with mainstream control systems on the market—including Lutron, ABB, DMX, DALI, TRIAC DIM, 2.4G Bluetooth/Tuya, Casambi,etc.

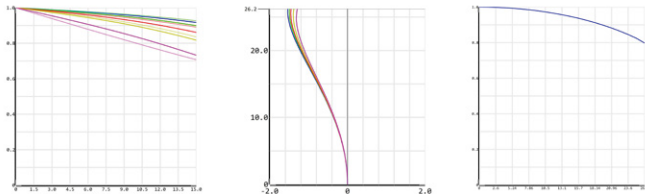
- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping



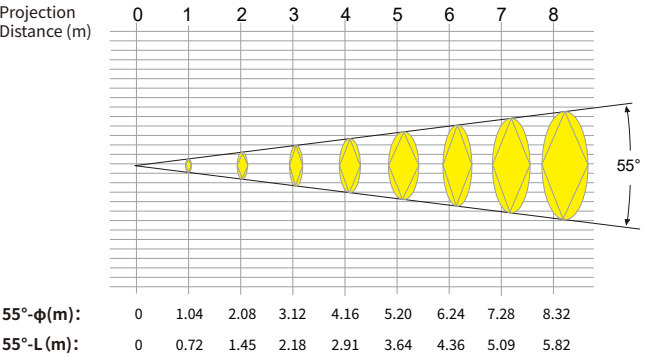
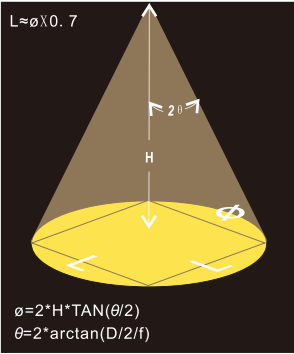
Optical Performance

Fixed focus is the DNA of optics, zoom is its language, and ultra-short throw creates its dimensions—while we are coding the very source of optical civilization.

BESUN's self-developed COB LED optical architecture is an optical system specifically engineered for COB LED light sources. Unlike optical systems designed for CMOS/DLP/LCD technologies, our system surpasses them by orders of magnitude in key parameters such as aperture, distortion, and uniformity.



Beam Parameters



倍晟[®] BESUN[®] 2025

DQ/XQ II Series Optical lenses : Rewriting the Laws of Light · Shadow · Image with Extreme Data

When mediocre parameters become an industry hotbed, we choose to recalibrate the optical scale with nanoscale paranoia and reckless madness at any cost.



倍晟[®] BESUN[®] 2025

DQ/XQ II Series Optical lenses: Rewriting the Laws of Light · Shadow · Image with Extreme Data

Zooming should not be an equivalent exchange of image quality but an optical magic of space-time folding. Each DQ/XQ optical lens is a violent breakthrough of physical limits and the ultimate symbiosis of mechanical aesthetics and computational optics.



DQ/XQ II Series Lens — 7510

Specifications

Model	7510
Focal Length (f)	142mm
Aperture (F/#)	F2.9
Beam Angle (θ)	10°
Projection Ratio:	6:1
Optical Distortion (%)	0.9
Uniformity (%)	95%
Resolution (lp/mm)	15lp/mm
Light Efficiency (%)	48%
Working Distance (H)	2m-15m
GOBO Device	Built-in/External
Image Surface Diameter (D)	25mm
Lens Structure	10/11
Optical Cleanliness Grade	I

Features

Four-Edge Uniform Sharpness	Internal Focus
Full-Size Projection	
Ultra Long Focal Length	
Adaptive Optive Cleanliness	

Physical Parameters

Housing Color	Black/White/Other
Filter Specs	M67*P0.75mm
GOBO Size	24.5mm/31.2mm
Lens Dimensions	75*170mm
Weight	942g
Mounting Connector	Type A/E
Recommended Light Source Emitting Surface	< 13.5mm
EXW Price	\$492

Basic Functions

- ① Filter Interface: Compatible with market filters or BESUN's own filters
- ② Decorative Ring: Available in black, red, white, etc.
- ③ Zoom Ring: Rotate to adjust light spot size
- ④ Focus Ring: Rotate to adjust light spot sharpness
- ⑤ Diaphragm Device: Insert /remove to change light spot shape
- ⑥ Built-in GOBO: Remove collimator and install the GOBO onto its mounting interface
- ⑦ External GOBO: Gently remove the slot to place slide film
- ⑧ Collimation: Transfer the LED's luminous energy to the optical lens



7510-A



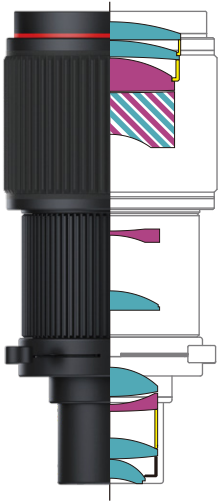
7510-E

倍晟[®] **BESUN**[®] 2025
DQ/XQ II Series Lens — 7510

Optical Architecture

We respect the laws of physics, yet refuse to be confined by conventional architectures — when every lens curvature is derived from the photon trajectory of COB LEDs, when every coating thickness aligns with the penetration phase of specific wavelengths, that is the true symbiosis of optical design and light sources.

BESUN's self-developed COB LED optical architecture delivers high CRI and superior efficiency, enabling every framing led projectors to seamlessly integrate with mainstream control systems on the market—including Lutron, ABB, DMX, DALI, TRIAC DIM, 2.4G Bluetooth/Tuya, Casambi,etc.

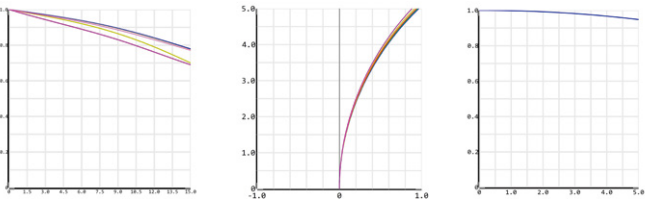


- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping

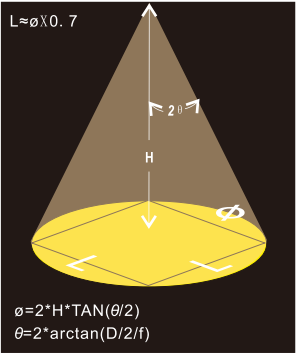
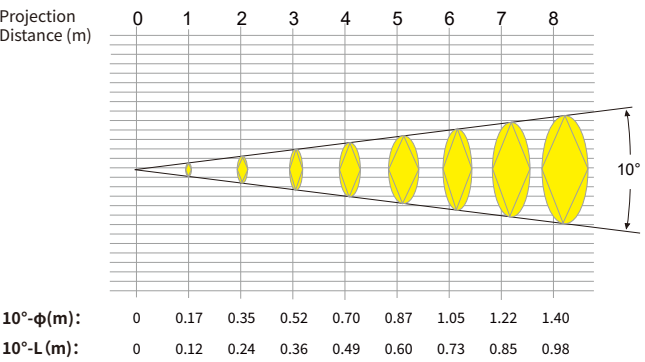
Optical Performance

Fixed focus is the DNA of optics, zoom is its language, and ultra-short throw creates its dimensions—while we are coding the very source of optical civilization.

BESUN's self-developed COB LED optical architecture is an optical system specifically engineered for COB LED light sources. Unlike optical systems designed for CMOS/DLP/LCD technologies, our system surpasses them by orders of magnitude in key parameters such as aperture, distortion, and uniformity.



Beam Parameters





DQ/XQ II Series Lens — 7540

Specifications

Model	7540
Focal Length (f)	35-90mm
Aperture (F/#)	F2.0
Beam Angle (θ)	15°-40°
Projection Ratio:	4-1.5:1
Optical Distortion (%)	0.5
Uniformity (%)	95%
Resolution (lp/mm)	15lp/mm
Light Efficiency (%)	48%
Working Distance (H)	2m-10m
GOBO Device	Built-in/External
Image Surface Diameter (D)	25mm
Lens Structure	9/11
Optical Cleanliness Grade	I

Features

Four-Edge Uniform Sharpness	High Ratio Zoom
Bidirectional Continuous Zoom	Internal Focus
Adaptive Optive Cleanlines	Rear Focus
Full-Size Projection	

Physical Parameters

Housing Color	Black/White/Other
Filter Specs	M67*P0.75mm
GOBO Size	24.5mm/31.2mm
Lens Dimensions	75*164mm
Weight	1032g
Mounting Connector	Type A/E
Recommended Light Source Emitting Surface	< 13.5mm
EXW Price	\$692

Basic Functions

- ① Filter Interface: Compatible with market filters or BESUN's own filters
- ② Decorative Ring: Available in black, red, white, etc.
- ③ Zoom Ring: Rotate to adjust light spot size
- ④ Focus Ring: Rotate to adjust light spot sharpness
- ⑤ Diaphragm Device: Insert /remove to change light spot shape
- ⑥ Built-in GOBO: Remove collimator and install the GOBO onto its mounting interface
- ⑦ External GOBO: Gently remove the slot to place slide film
- ⑧ Collimation: Transfer the LED's luminous energy to the optical lens



7540-A



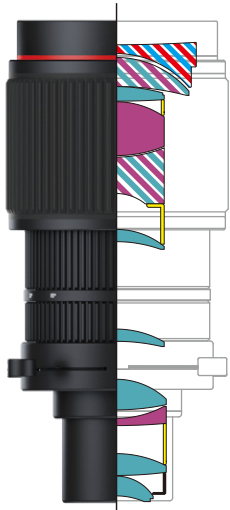
7540-E

倍晟[®] **BESUN**[®] 2025
DQ/XQ II Series Lens — 7540

Optical Architecture

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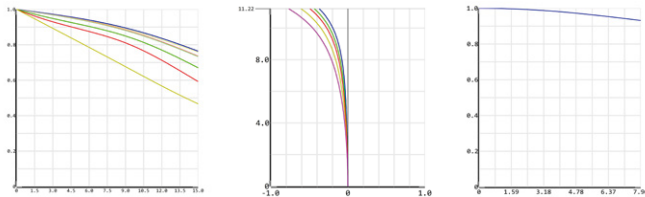


- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping

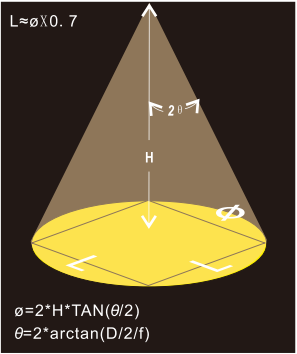
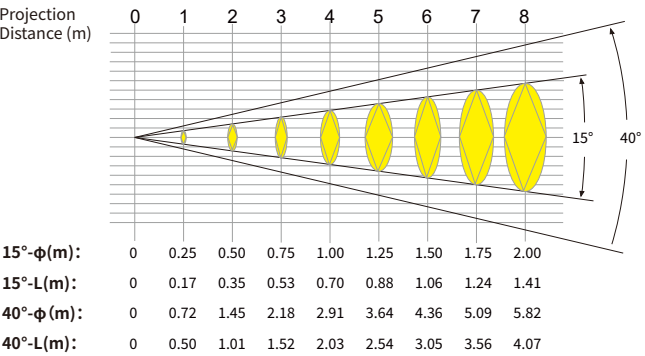
Optical Performance

Fixed focus is the DNA of optics, zoom is its language, and ultra-short throw creates its dimensions—while we are coding the very source of optical civilization.

BESUN's self-developed COB LED optical architecture is an optical system specifically engineered for COB LED light sources. Unlike optical systems designed for CMOS/DLP/LCD technologies, our system surpasses them by orders of magnitude in key parameters such as aperture, distortion, and uniformity.



Beam Parameters





DQ/XQ II Series Lens — 7590

Specifications

Model	7590
Focal Length (f)	12.5mm
Aperture (F/#)	F2.5
Beam Angle (θ)	90°
Projection Ratio:	0.5:1
Optical Distortion (%)	1.4
Uniformity (%)	80%
Resolution (lp/mm)	15lp/mm
Light Efficiency (%)	48%
Working Distance (H)	0.5m-5m
GOBO Device	Built-in/External
Image Surface Diameter (D)	25mm
Lens Structure	12/14
Optical Cleanliness Grade	I

Features

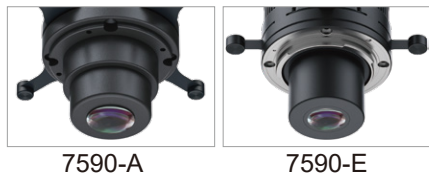
Four-Edge Uniform Sharpness	Full-Size Projection
Bidirectional Continuous Focus	
Ultra Short Throw	
Adaptive Optive Cleanlines	

Physical Parameters

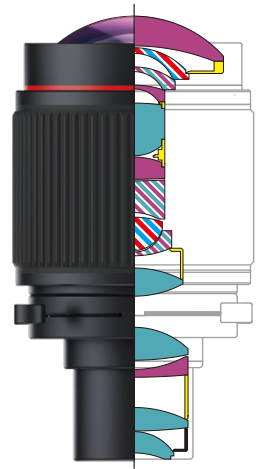
Housing Color	Black/White/Other
Filter Specs	M95*P0.75mm
GOBO Size	24.5mm/31.2mm
Lens Dimensions	75*132mm
Weight	910g
Mounting Connector	Type A/E
Recommended Light Source Emitting Surface	< 13.5mm
EXW Price	\$753

Basic Functions

- ① Filter Interface: Compatible with market filters or BESUN's own filters
- ② Decorative Ring: Available in black, red, white, etc.
- ③ Zoom Ring: Rotate to adjust light spot size
- ④ Focus Ring: Rotate to adjust light spot sharpness
- ⑤ Diaphragm Device: Insert /remove to change light spot shape
- ⑥ Built-in GOBO: Remove collimator and install the GOBO onto its mounting interface
- ⑦ External GOBO: Gently remove the slot to place slide film
- ⑧ Collimation: Transfer the LED's luminous energy to the optical lens



倍晟[®] **BESUN**[®] 2025
DQ/XQ II Series Lens — 7590



Optical Architecture

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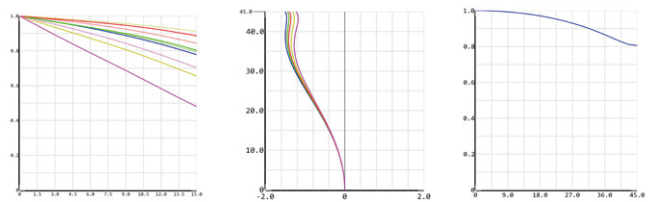
- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping



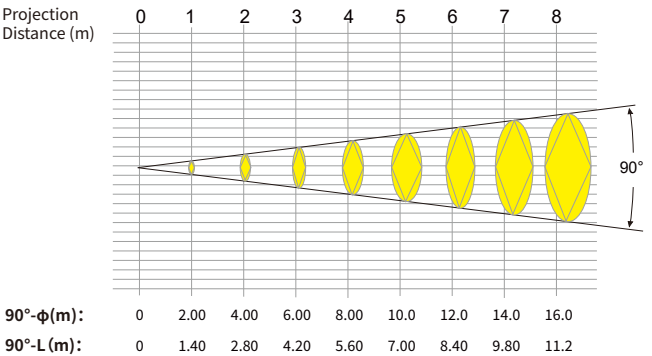
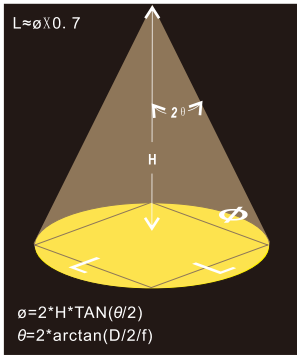
Optical Performance

Fixed focus is the DNA of optics, zoom is its language, and ultra-short throw creates its dimensions—while we are coding the very source of optical civilization.

BESUN's self-developed COB LED optical architecture is an optical system specifically engineered for COB LED light sources. Unlike optical systems designed for CMOS/DLP/LCD technologies, our system surpasses them by orders of magnitude in key parameters such as aperture, distortion, and uniformity.



Beam Parameters





倍晟[®] **BESUN** 2025[®]
DQ/XQ I, II series Framing Led Projector

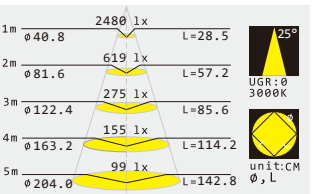
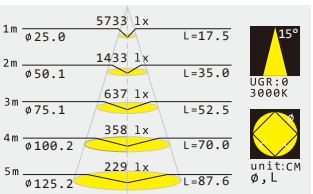
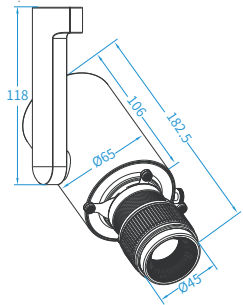
DIP CCT + knob dimming design enables simultaneous beam cutting and individual lamp dimming/CCT control. It operates as a standalone solution or integrates seamlessly with other dimming systems.



Control Methods

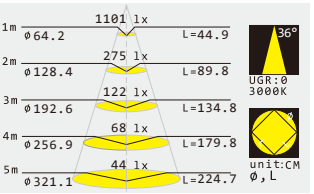
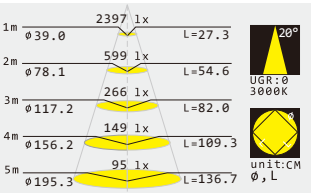
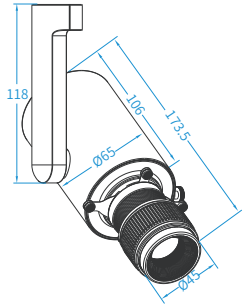


Model number reference



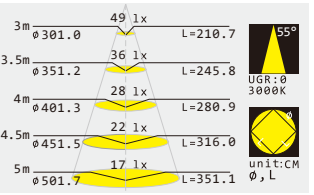
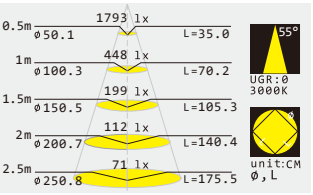
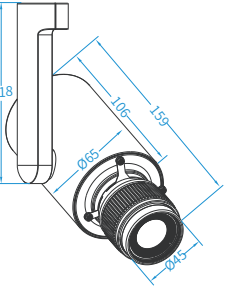
Model	T1008S-4525SE
Power	10W
Luminous flux	300-350LM
Beam Angle	15° - 25°
Optical lens	6/8 PCS

Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	0.67KG
EXW Price	\$393



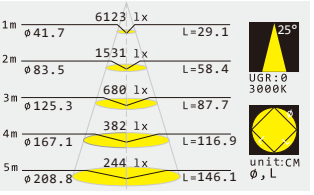
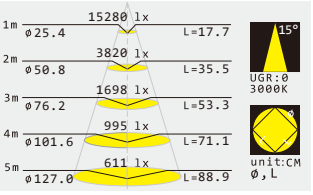
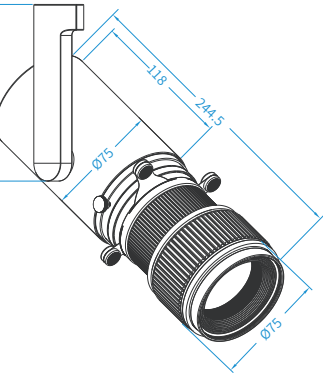
Model	T1008S-4536SE
Power	10W
Luminous flux	300-350LM
Beam Angle	20° - 36°
Optical lens	7/10 PCS

Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	0.68KG
EXW Price	\$393



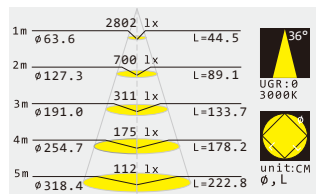
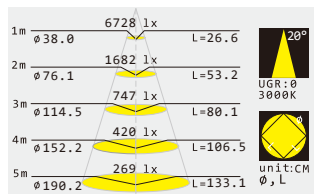
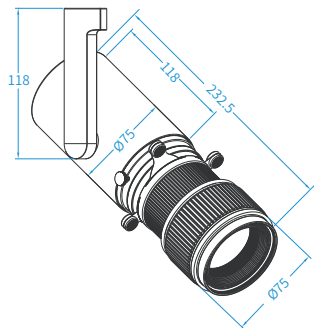
Model	T1008I-4555
Power	10W
Luminous flux	300-350LM
Beam Angle	55°
Optical lens	9/10 PCS

Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	0.67KG
EXW Price	\$406



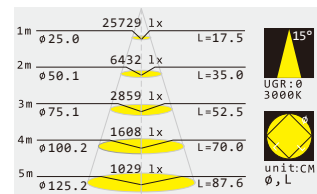
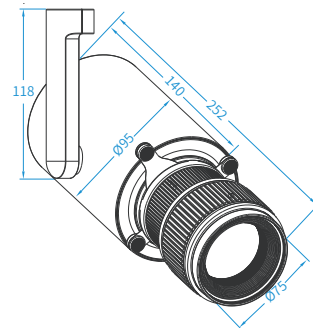
Model	T2008S-7525SE
Power	20W
Luminous flux	900-950LM
Beam Angle	15° - 25°
Optical lens	6/8 PCS

Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	1.43KG
EXW Price	\$523

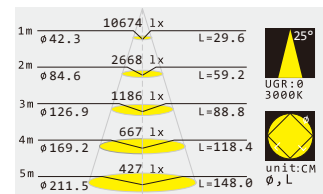


Model	T2008S-7536SE
Power	20W
Luminous flux	900-950LM
Beam Angle	20°- 36°
Optical lens	7/10 PCS

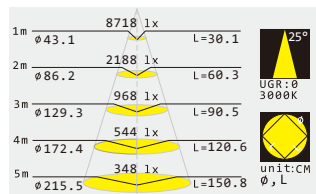
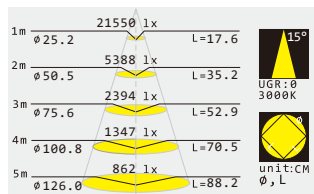
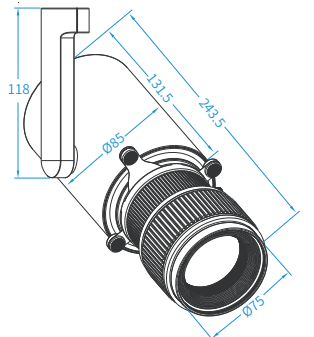
Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	1.43KG
EXW Price	\$523



Model	T4008S-7525SE
Power	37W
Luminous flux	1400-1550LM
Beam Angle	15°- 25°
Optical lens	6/8 PCS

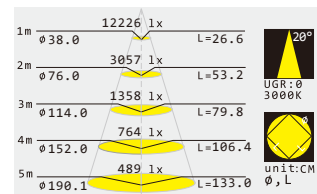
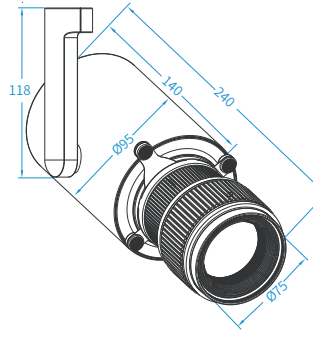


Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	1.67KG
EXW Price	\$584

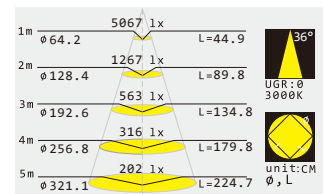


Model	T3008S-7525SE
Power	28W
Luminous flux	1100-1300LM
Beam Angle	15°- 25°
Optical lens	6/8 PCS

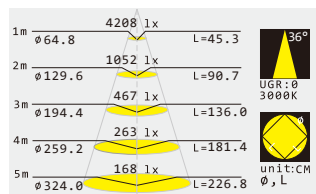
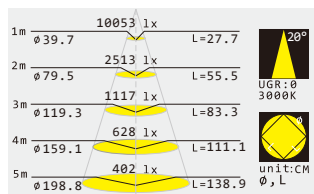
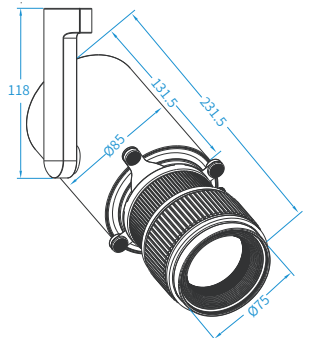
Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	1.58KG
EXW Price	\$553



Model	T4008S-7536SE
Power	37W
Luminous flux	1400-1550LM
Beam Angle	20°- 36°
Optical lens	7/10 PCS

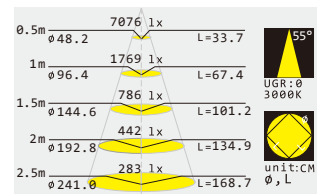
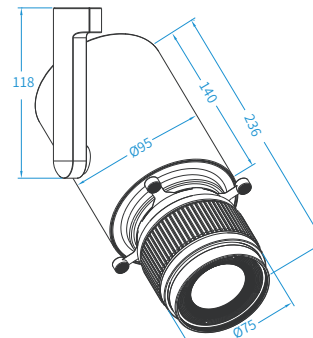


Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	1.67KG
EXW Price	\$584

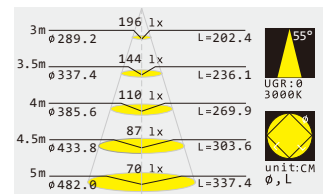


Model	T3008S-7536SE
Power	28W
Luminous flux	1100-1300LM
Beam Angle	20°- 36°
Optical lens	7/10 PCS

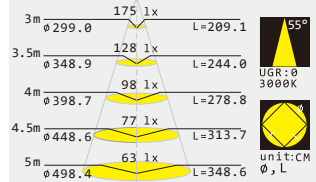
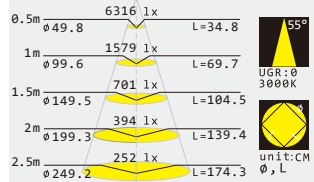
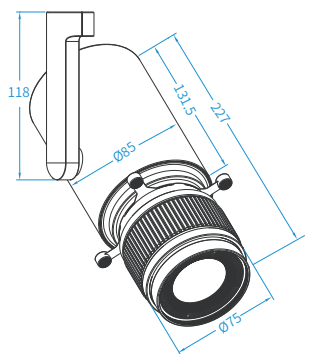
Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	1.58KG
EXW Price	\$553



Model	T4008I-7555
Power	37W
Luminous flux	1350-1450LM
Beam Angle	55°
Optical lens	10/11 PCS



Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	1.65KG
EXW Price	\$596



Model	T3008I-7555
Power	28W
Luminous flux	1100-1200LM
Beam Angle	55°
Optical lens	10/11 PCS

Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	1.56KG
EXW Price	\$566

倍晟[®] **BESUN** 2025[®]

KP Series Optical Lenses: Redefining Professional Boundaries with the Triple Extreme Principles.

Compactness is not a compromise, but a deeper interpretation of professionalism. The pinnacle of perfection is where contradictions dissolve into art; the end of minimalism is not a destination, but an optical singularity where all paradoxes collapse.
—BESUN 2025 KP Series Optical Lens



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When “Extreme Performance, Minimalist Design, and Ultra-Compactness” Converge in a Palm-Sized Lens, We Redefine What Professional Optics Can Be.

Typical Application 1

KP Series 5836D-C



倍晨[®] **BESUN**[®] 2025

**An Invisible Visual Revolution — Fully-Embedded
Coupled Zoom Projection Engine — Redefining the
Laws of Spatial Light.**

Defying Floor Heights, Delivering Uniform Scale – Where Architecture
Bends to Creativity. While conventional projectors still compromise with
ceiling heights and throw distances, our nonlinear coupled optical path
rewrites spatial perception algorithms – transforming every wall, floor,
and dome into pixel-perfect canvases.

— See the spectacle, not the machine . Witness the light, not the limits.

Typical Application 2

KP Series 2836D-C*2





KP Series Lens — 1836



Specifications

Model	1836
Focal Length (f)	8-17mm
Aperture (F/#)	F1.9
Beam Angle (θ)	15°-36°
Projection Ratio:	4:1/1.5:1
Optical Distortion (%)	0.4
Uniformity (%)	90%
Resolution (lp/mm)	30lp/mm
Light Efficiency (%)	43%
Working Distance (H)	0.3m-5m
GOBO Device	Built-in/External
Image Surface Diameter (D)	5mm
Lens Structure	8/9
Optical Cleanliness Grade	I

Features

Four-Edge Uniform Sharpness	Full-Size Projection
Ultra-compact Design	Adaptive Optive Cleanliness
Nonlinear Coupled Zoom	
Power Output (Stage light / Gobo projector) : 20-30W	

Physical Parameters

Housing Color	Black/White/Other
Filter Specs	M17*P0.5mm
GOBO Size	4.5mm/9.5mm
Lens Dimensions	18*39.9mm
Weight	18g
Mounting Connector	Type A/B/C
Recommended Light Source Emitting Surface	<2.6mm
EXW Price	\$269

Basic Functions

- ① Filter Interface: Compatible with market filters or BESUN's own filters
- ② Decorative Ring: Available in black, red, white, etc.
- ③ Zoom Ring: Rotate to adjust light spot size
- ④ Focus Ring: Rotate to adjust light spot sharpness
- ⑤ Diaphragm Device: Insert /remove to change light spot shape
- ⑥ Built-in GOBO: Remove collimator and install the GOBO onto its mounting interface
- ⑦ External GOBO: Gently remove the slot to place slide film
- ⑧ Collimation: Transfer the LED's luminous energy to the optical lens

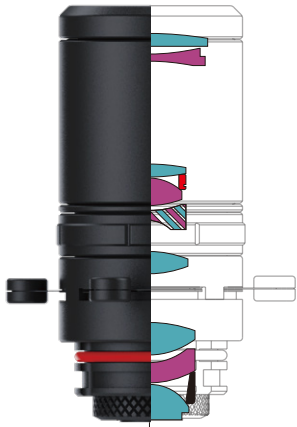


倍晨® BESUN® 2025
KP Series Lens — 1836

Optical Architecture

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BESUN's self-developed COB LED optical architecture delivers high CRI and superior efficiency, enabling every framing led projectors to seamlessly integrate with mainstream control systems on the market—including Lutron, ABB, DMX, DALI, TRIAC DIM, 2.4G Bluetooth/Tuya, Casambi,etc.

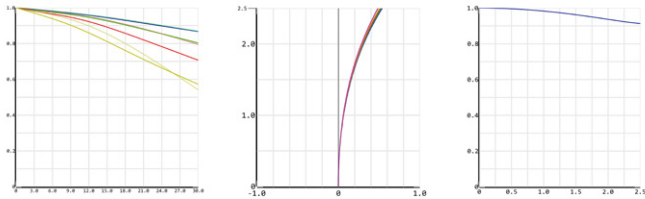


- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping

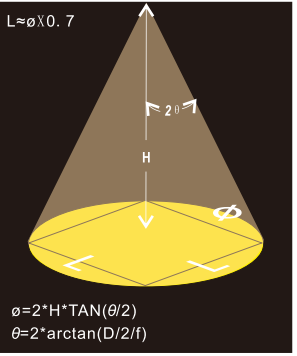
Optical Performance

Fixed focus is the DNA of optics, zoom is its language, and ultra-short throw creates its dimensions—while we are coding the very source of optical civilization.

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Beam Parameters



Projection Distance (m)	0	1	2	3	4	5	6	7	8
15°-φ(m):	0	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00
15°-L(m):	0	0.17	0.35	0.53	0.70	0.88	1.06	1.24	1.41
36°-φ(m):	0	0.64	1.28	1.92	2.56	3.21	3.85	4.49	5.13
36°-L(m):	0	0.45	0.90	1.36	1.81	2.27	2.72	3.17	3.63



KP Series Lens — 1855



Specifications

Model	1855
Focal Length (f)	5.1
Aperture (F/#)	F1.8
Beam Angle (θ)	55°
Projection Ratio:	1:1
Optical Distortion (%)	1.4
Uniformity (%)	85%
Resolution (lp/mm)	30lp/mm
Light Efficiency (%)	43%
Working Distance (H)	0.3m-3m
GOBO Device	Built-in/External
Image Surface Diameter (D)	5mm
Lens Structure	8/9
Optical Cleanliness Grade	I

Features

Four-Edge Uniform Sharpness	Adaptive Optive Cleanliness
Ultra-compact Design	
Full-Size Projection	
Power Output (Stage light / Gobo projector) : 20-30W	

Physical Parameters

Housing Color	Black/White/Other
Filter Specs	M17*P0.5mm
GOBO Size	4.5mm/9.5mm
Lens Dimensions	18*31.2mm
Weight	15.1g
Mounting Connector	Type A/B/C
Recommended Light Source Emitting Surface	< 2.6mm
EXW Price	\$238

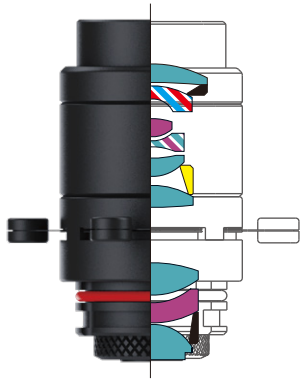


Basic Functions

- ① Filter Interface: Compatible with market filters or BESUN's own filters
- ② Decorative Ring: Available in black, red, white, etc.
- ③ Zoom Ring: Rotate to adjust light spot size
- ④ Focus Ring: Rotate to adjust light spot sharpness
- ⑤ Diaphragm Device: Insert /remove to change light spot shape
- ⑥ Built-in GOBO: Remove collimator and install the GOBO onto its mounting interface
- ⑦ External GOBO: Gently remove the slot to place slide film
- ⑧ Collimation: Transfer the LED's luminous energy to the optical lens



倍晟[®] **BESUN**[®] 2025
KP Series Lens — 1855



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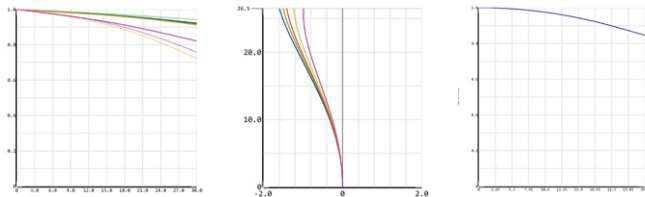
- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping



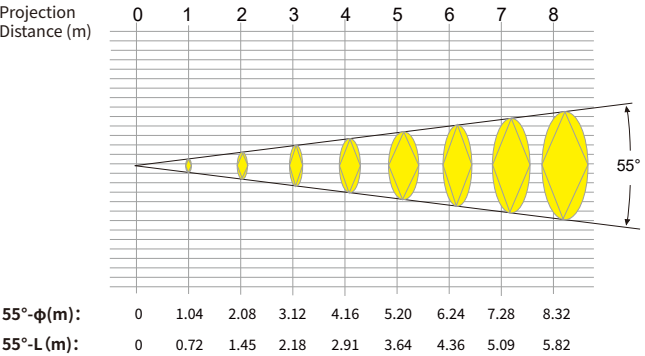
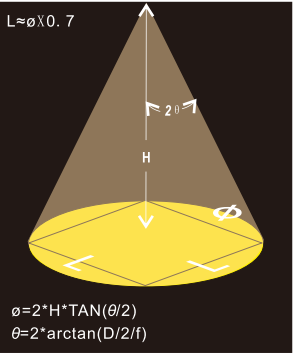
Optical Performance

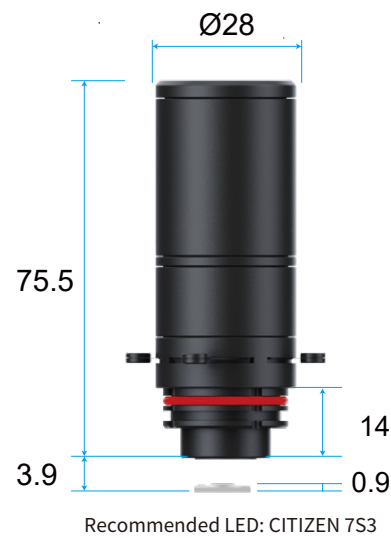
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Beam Parameters





KP Series Lens — 2836

Specifications

Model	2836
Focal Length (f)	17-35mm
Aperture (F/#)	F2.2
Beam Angle (θ)	15°-36°
Projection Ratio:	4:1/1.5:1
Optical Distortion (%)	0.26
Uniformity (%)	90%
Resolution (lp/mm)	30lp/mm
Light Efficiency (%)	43%
Working Distance (H)	0.5m-3m
GOBO Device	Built-in/External
Image Surface Diameter (D)	10mm
Lens Structure	8/9
Optical Cleanliness Grade	I

Features

Four-Edge Uniform Sharpness	Full-Size Projection
Ultra-compact Design	Adaptive Optive Cleanliness
Nonlinear Coupled Zoom	
Power Output (Stage light / Gobo projector): 40-50W	

Physical Parameters

Housing Color	Black/White/Other
Filter Specs	M25.5*P0.5mm
GOBO Size	9.5mm/16mm
Lens Dimensions	28*75.5mm
Weight	66g
Mounting Connector	Type A/B/C
Recommended Light Source Emitting Surface	< 3.5mm
EXW Price	\$269

Basic Functions

- ① Filter Interface: Compatible with market filters or BESUN's own filters
- ② Decorative Ring: Available in black, red, white, etc.
- ③ Zoom Ring: Rotate to adjust light spot size
- ④ Focus Ring: Rotate to adjust light spot sharpness
- ⑤ Diaphragm Device: Insert /remove to change light spot shape
- ⑥ Built-in GOBO: Remove collimator and install the GOBO onto its mounting interface
- ⑦ External GOBO: Gently remove the slot to place slide film
- ⑧ Collimation: Transfer the LED's luminous energy to the optical lens



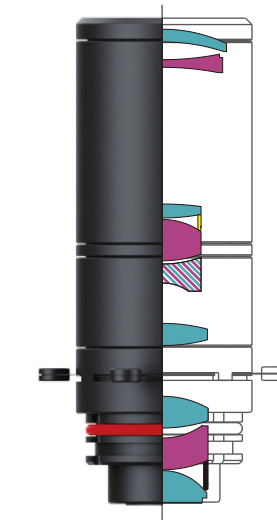
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KP Series Lens — 2836

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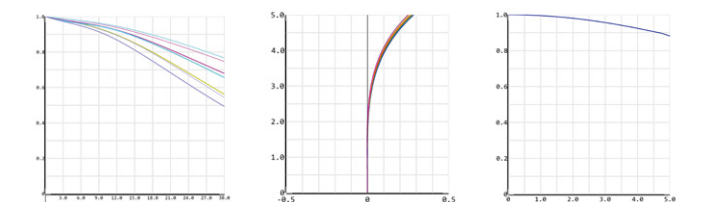


- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping

Optical Performance

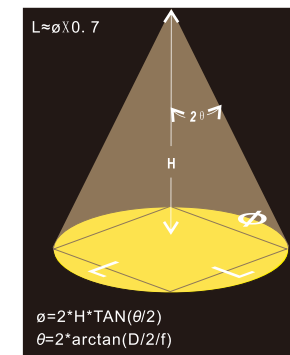
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Beam Parameters

Projection Distance (m)	0	1	2	3	4	5	6	7	8
15°-Φ(m):	0	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00
15°-L(m):	0	0.17	0.35	0.53	0.70	0.88	1.06	1.24	1.41
36°-Φ(m):	0	0.64	1.28	1.92	2.56	3.21	3.85	4.49	5.13
36°-L(m):	0	0.45	0.90	1.36	1.81	2.27	2.72	3.17	3.63





KP Series Lens — 2855

Specifications

Model	2855
Focal Length (f)	10mm
Aperture (F/#)	F1.9
Beam Angle (θ)	55°
Projection Ratio:	1:1
Optical Distortion (%)	1.5
Uniformity (%)	85%
Resolution (lp/mm)	30lp/mm
Light Efficiency (%)	43%
Working Distance (H)	0.5m-3m
GOBO Device	Built-in/External
Image Surface Diameter (D)	10mm
Lens Structure	8/9
Optical Cleanliness Grade	I

Features

Four-Edge Uniform Sharpness	Adaptive Optive Cleanliness
Ultra-compact Design	
Full-Size Projection	
Power Output (Stage light / Gobo projector): 40-50W	

Physical Parameters

Housing Color	Black/White/Other
Filter Specs	M25.5*P0.5mm
GOBO Size	9.5mm/16mm
Lens Dimensions	28*52.2mm
Weight	55g
Mounting Connector	Type A/B/C
Recommended Light Source Emitting Surface	< 3.5mm
EXW Price	\$238

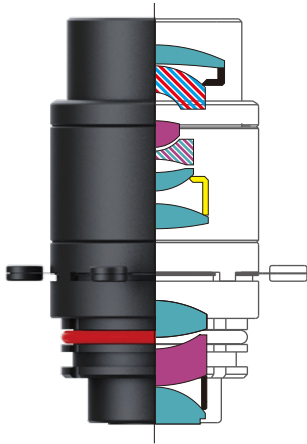


Basic Functions

- ① Filter Interface: Compatible with market filters or BESUN's own filters
- ② Decorative Ring: Available in black, red, white, etc.
- ③ Zoom Ring: Rotate to adjust light spot size
- ④ Focus Ring: Rotate to adjust light spot sharpness
- ⑤ Diaphragm Device: Insert /remove to change light spot shape
- ⑥ Built-in GOBO: Remove collimator and install the GOBO onto its mounting interface
- ⑦ External GOBO: Gently remove the slot to place slide film
- ⑧ Collimation: Transfer the LED's luminous energy to the optical lens



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KP Series Lens — 2855



Optical Architecture

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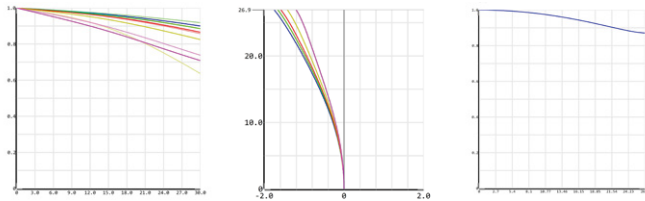
- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping



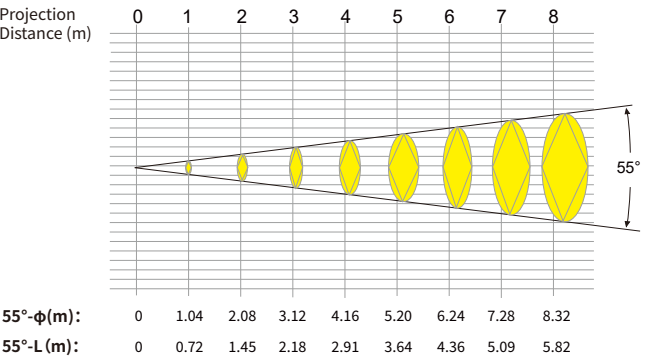
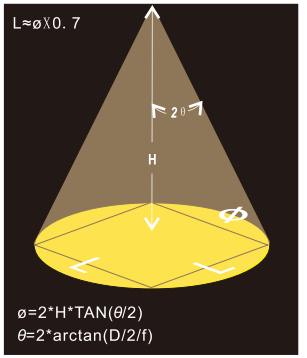
Optical Performance

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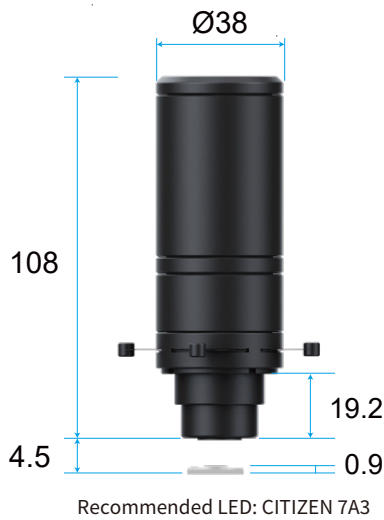


Beam Parameters





KP Series Lens — 3836



Specifications	
Model	3836
Focal Length (f)	24-50mm
Aperture (F/#)	F2.1
Beam Angle (θ)	15°-36°
Projection Ratio:	4:1/1.5:1
Optical Distortion (%)	0.6
Uniformity (%)	90%
Resolution (lp/mm)	30lp/mm
Light Efficiency (%)	43%
Working Distance (H)	1.5m-8m
GOBO Device	Built-in/External
Image Surface Diameter (D)	15mm
Lens Structure	10/11
Optical Cleanliness Grade	I

Features	
Four-Edge Uniform Sharpness	Full-Size Projection
Ultra-compact Design	Adaptive Optive Cleanliness
Nonlinear Coupled Zoom	
Power Output (Stage light / Gobo projector) : 70-80W	

Physical Parameters	
Housing Color	Black/White/Other
Filter Specs	M35.5*P0.5mm
GOBO Size	14.5mm/19.7mm
Lens Dimensions	38*108mm
Weight	210g
Mounting Connector	Type A/B/C
Recommended Light Source Emitting Surface	< 5mm
EXW Price	\$270

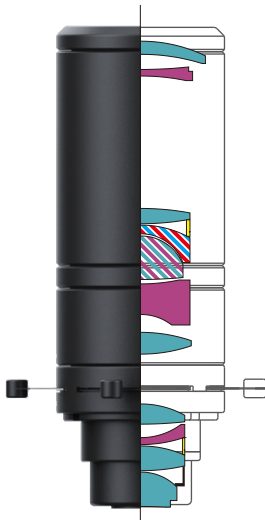


- Basic Functions**
- ① Filter Interface: Compatible with market filters or BESUN's own filters
 - ② Decorative Ring: Available in black, red, white, etc.
 - ③ Zoom Ring: Rotate to adjust light spot size
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倍晨[®] BESUN[®] 2025

KP Series Lens — 3836



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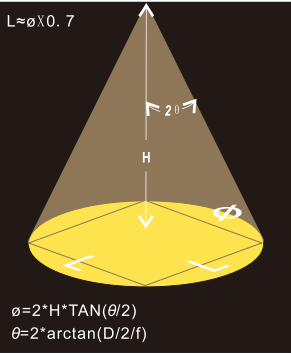
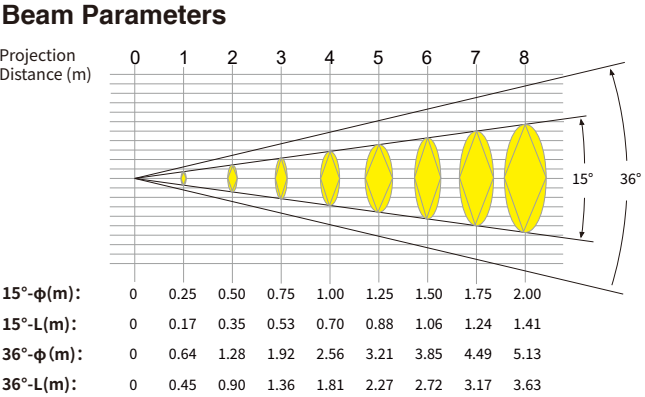
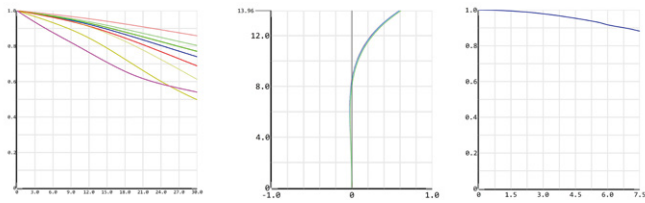
- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping



Optical Performance

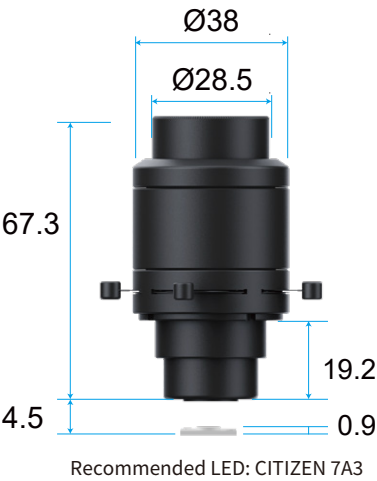
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KP Series Lens — 3855



Specifications

Model	3855
Focal Length (f)	15mm
Aperture (F/#)	F2.2
Beam Angle (θ)	55°
Projection Ratio:	1:1
Optical Distortion (%)	1.9
Uniformity (%)	85%
Resolution (lp/mm)	30lp/mm
Light Efficiency (%)	43%
Working Distance (H)	0.5m-5m
GOBO Device	Built-in/External
Image Surface Diameter (D)	15mm
Lens Structure	9/10
Optical Cleanliness Grade	I

Features

Four-Edge Uniform Sharpness	Adaptive Optive Cleanliness
Ultra-compact Design	
Full-Size Projection	
Power Output (Stage light / Gobo projector) : 70-80W	

Physical Parameters

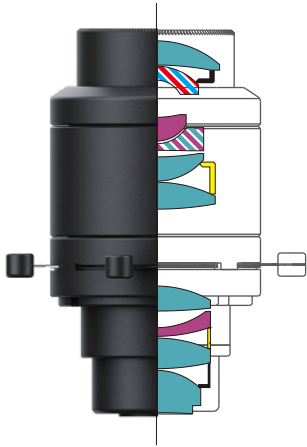
Housing Color	Black/White/Other
Filter Specs	M35.5*P0.5mm
GOBO Size	14.5mm/19.7mm
Lens Dimensions	38*67.3mm
Weight	130g
Mounting Connector	Type A/B/C
Recommended Light Source Emitting Surface	< 5mm
EXW Price	\$221

Basic Functions

- ① Filter Interface: Compatible with market filters or BESUN's own filters
- ② Decorative Ring: Available in black, red, white, etc.
- ③ Zoom Ring: Rotate to adjust light spot size
- ④ Focus Ring: Rotate to adjust light spot sharpness
- ⑤ Diaphragm Device: Insert /remove to change light spot shape
- ⑥ Built-in GOBO: Remove collimator and install the GOBO onto its mounting interface
- ⑦ External GOBO: Gently remove the slot to place slide film
- ⑧ Collimation: Transfer the LED's luminous energy to the optical lens



倍晨® **BESUN**® 2025
KP Series Lens — 3855



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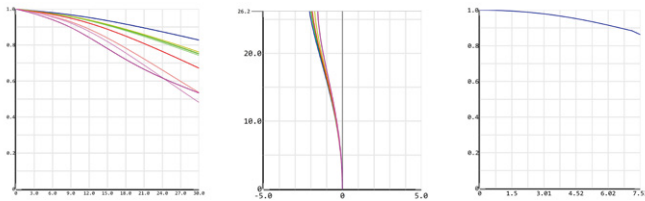
- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping



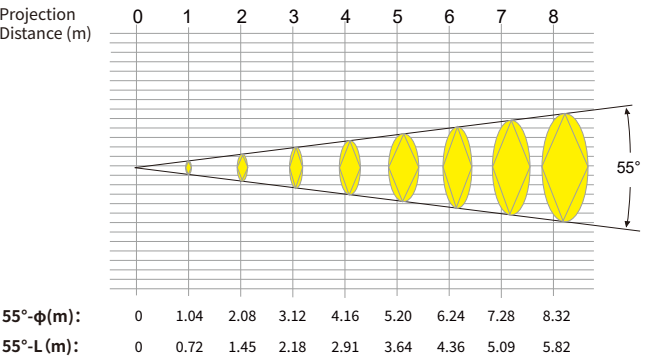
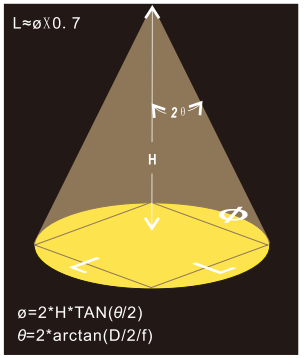
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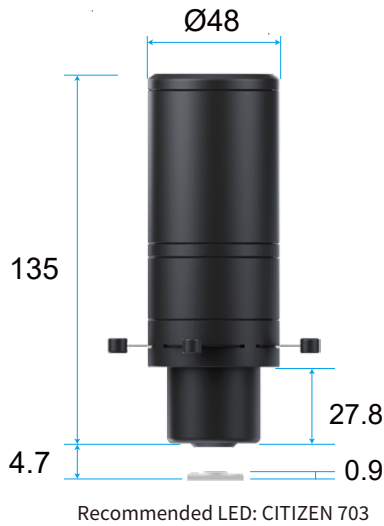


Beam Parameters





KP Series Lens — 4836



Specifications

Model	4836
Focal Length (f)	32-66mm
Aperture (F/#)	F2.0
Beam Angle (θ)	15°-36°
Projection Ratio:	4:1/1.5:1
Optical Distortion (%)	0.5
Uniformity (%)	90%
Resolution (lp/mm)	30lp/mm
Light Efficiency (%)	43%
Working Distance (H)	1.5m-8m
GOBO Device	Built-in/External
Image Surface Diameter (D)	20mm
Lens Structure	10/11
Optical Cleanliness Grade	I

Features

Four-Edge Uniform Sharpness	Full-Size Projection
Ultra-compact Design	Adaptive Optive Cleanliness
Nonlinear Coupled Zoom	
Power Output (Stage light / Gobo projector): 120-150W	

Physical Parameters

Housing Color	Black/White/Other
Filter Specs	M46*P0.75mm
GOBO Size	19.5mm/24.5mm
Lens Dimensions	48*135mm
Weight	360g
Mounting Connector	Type A/B/C
Recommended Light Source Emitting Surface	< 7mm
EXW Price	\$320

Basic Functions

- ① Filter Interface: Compatible with market filters or BESUN's own filters
- ② Decorative Ring: Available in black, red, white, etc.
- ③ Zoom Ring: Rotate to adjust light spot size
- ④ Focus Ring: Rotate to adjust light spot sharpness
- ⑤ Diaphragm Device: Insert /remove to change light spot shape
- ⑥ Built-in GOBO: Remove collimator and install the GOBO onto its mounting interface
- ⑦ External GOBO: Gently remove the slot to place slide film
- ⑧ Collimation: Transfer the LED's luminous energy to the optical lens

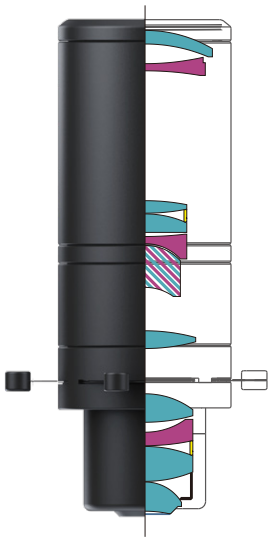


倍晟[®] **BESUN**[®] 2025
KP Series Lens — 4836

Optical Architecture

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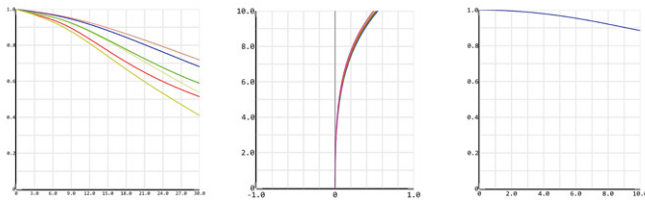


- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping

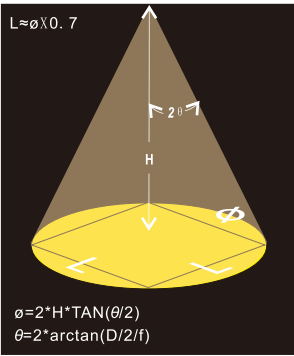
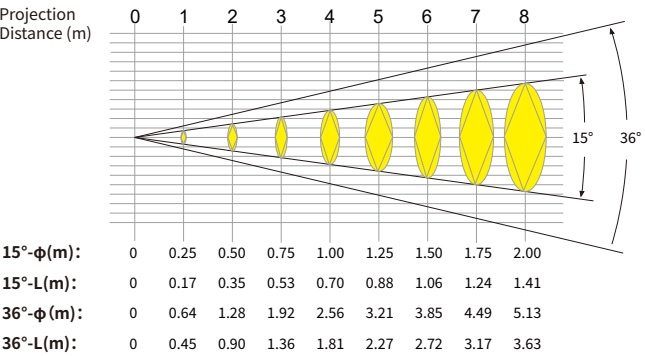
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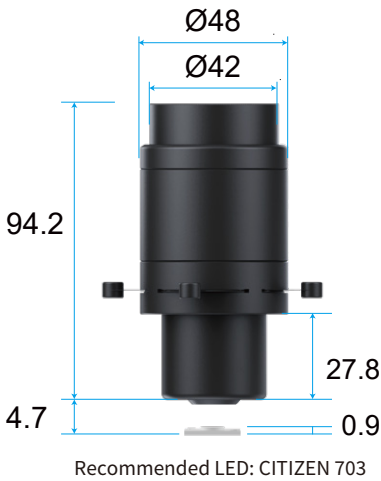


Beam Parameters





KP Series Lens — 4855



Specifications

Model	4855
Focal Length (f)	21mm
Aperture (F/#)	F2.0
Beam Angle (θ)	55°
Projection Ratio:	1:1
Optical Distortion (%)	1.5
Uniformity (%)	85%
Resolution (lp/mm)	30lp/mm
Light Efficiency (%)	43%
Working Distance (H)	0.5-5m
GOBO Device	Built-in/External
Image Surface Diameter (D)	20mm
Lens Structure	9/10
Optical Cleanliness Grade	I

Features

Four-Edge Uniform Sharpness	Adaptive Optive Cleanliness
Ultra-compact Design	
Full-Size Projection	
Power Output (Stage light / Gobo projector): 120-150W	

Physical Parameters

Housing Color	Black/White/Other
Filter Specs	M46*P0.75mm
GOBO Size	19.5mm/24.5mm
Lens Dimensions	48*94.2mm
Weight	295g
Mounting Connector	Type A/B/C
Recommended Light Source Emitting Surface	< 7mm
EXW Price	\$270



Basic Functions

- ① Filter Interface: Compatible with market filters or BESUN's own filters
- ② Decorative Ring: Available in black, red, white, etc.
- ③ Zoom Ring: Rotate to adjust light spot size
- ④ Focus Ring: Rotate to adjust light spot sharpness
- ⑤ Diaphragm Device: Insert /remove to change light spot shape
- ⑥ Built-in GOBO: Remove collimator and install the GOBO onto its mounting interface
- ⑦ External GOBO: Gently remove the slot to place slide film
- ⑧ Collimation: Transfer the LED's luminous energy to the optical lens



4855X-A

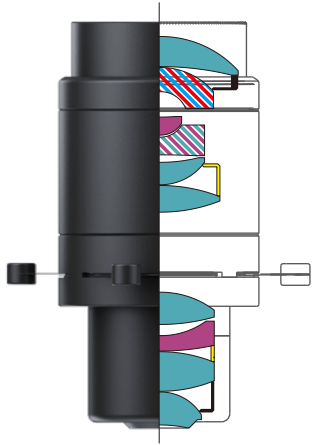


4855X-B



4855X-C

倍晨[®] **BESUN**[®] 2025
KP Series Lens — 4855



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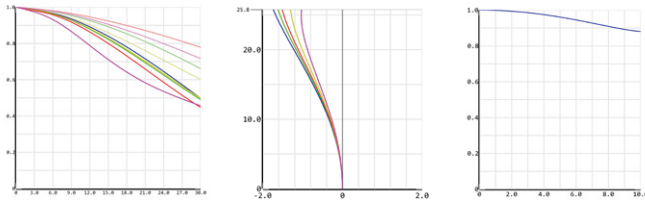
- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping



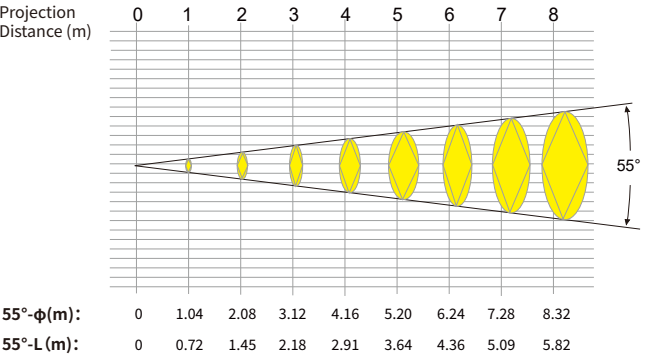
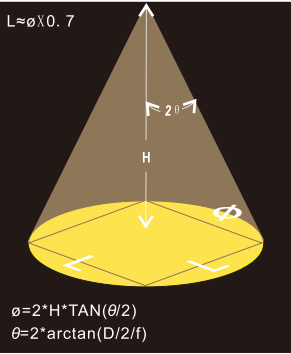
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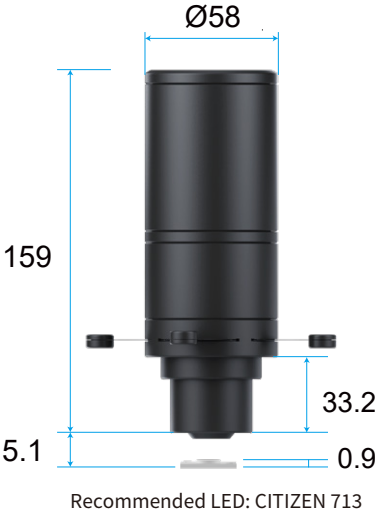


Beam Parameters





KP Series Lens — 5836



Specifications

Model	5836
Focal Length (f)	41-83mm
Aperture (F/#)	F2.0
Beam Angle (θ)	15°-36°
Projection Ratio:	4:1/1.5:1
Optical Distortion (%)	0.5
Uniformity (%)	90%
Resolution (lp/mm)	30lp/mm
Light Efficiency (%)	43%
Working Distance (H)	1.5m-8m
GOBO Device	Built-in/External
Image Surface Diameter (D)	25mm
Lens Structure	10/11
Optical Cleanliness Grade	I

Features

Four-Edge Uniform Sharpness	Full-Size Projection
Ultra-compact Design	Adaptive Optive Cleanliness
Nonlinear Coupled Zoom	
Power Output (Stage light / Gobo projector): 150-200W	

Physical Parameters

Housing Color	Black/White/Other
Filter Specs	M55*P0.75mm
GOBO Size	24.5/31.2mm
Lens Dimensions	58*159mm
Weight	605g
Mounting Connector	Type A/B/C
Recommended Light Source Emitting Surface	< 9mm
EXW Price	\$412

Basic Functions

- ① Filter Interface: Compatible with market filters or BESUN's own filters
- ② Decorative Ring: Available in black, red, white, etc.
- ③ Zoom Ring: Rotate to adjust light spot size
- ④ Focus Ring: Rotate to adjust light spot sharpness
- ⑤ Diaphragm Device: Insert /remove to change light spot shape
- ⑥ Built-in GOBO: Remove collimator and install the GOBO onto its mounting interface
- ⑦ External GOBO: Gently remove the slot to place slide film
- ⑧ Collimation: Transfer the LED's luminous energy to the optical lens

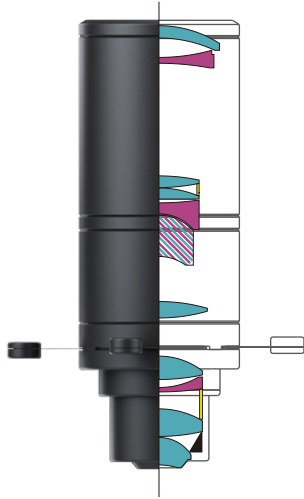


倍晟[®] **BESUN**[®] 2025
KP Series Lens — 5836

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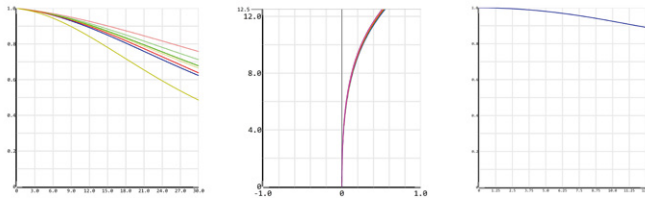


- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping

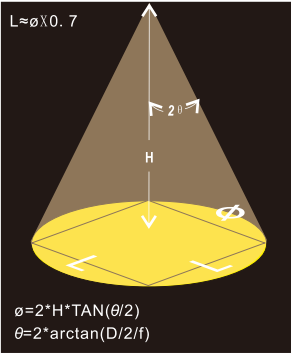
Optical Performance

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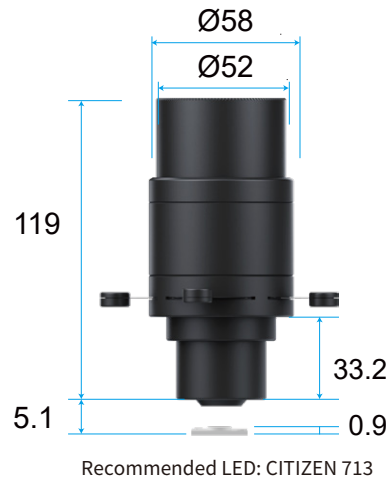
Beam Parameters



Projection Distance (m)	0	1	2	3	4	5	6	7	8
15°-φ(m):	0	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00
15°-L(m):	0	0.17	0.35	0.53	0.70	0.88	1.06	1.24	1.41
36°-φ(m):	0	0.64	1.28	1.92	2.56	3.21	3.85	4.49	5.13
36°-L(m):	0	0.45	0.90	1.36	1.81	2.27	2.72	3.17	3.63



KP Series Lens — 5855



Specifications

Model	5855
Focal Length (f)	25mm
Aperture (F/#)	F2.0
Beam Angle (θ)	55°
Projection Ratio:	1:1
Optical Distortion (%)	1.4
Uniformity (%)	80%
Resolution (lp/mm)	30lp/mm
Light Efficiency (%)	43%
Working Distance (H)	0.5-5m
GOBO Device	Built-in/External
Image Surface Diameter (D)	25mm
Lens Structure	10/11
Optical Cleanliness Grade	I

Features

Four-Edge Uniform Sharpness	Adaptive Optive Cleanliness
Ultra-compact Design	
Full-Size Projection	
Power Output (Stage light / Gobo projector): 150-200W	

Physical Parameters

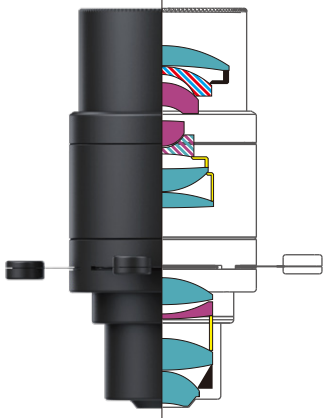
Housing Color	Black/White/Other
Filter Specs	M55*P0.75mm
GOBO Size	24.5mm/31.2mm
Lens Dimensions	58*119mm
Weight	480g
Mounting Connector	Type A/B/C
Recommended Light Source Emitting Surface	< 9mm
EXW Price	\$320

Basic Functions

- ① Filter Interface: Compatible with market filters or BESUN's own filters
- ② Decorative Ring: Available in black, red, white, etc.
- ③ Zoom Ring: Rotate to adjust light spot size
- ④ Focus Ring: Rotate to adjust light spot sharpness
- ⑤ Diaphragm Device: Insert /remove to change light spot shape
- ⑥ Built-in GOBO: Remove collimator and install the GOBO onto its mounting interface
- ⑦ External GOBO: Gently remove the slot to place slide film
- ⑧ Collimation: Transfer the LED's luminous energy to the optical lens



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KP Series Lens — 5855



Optical Architecture

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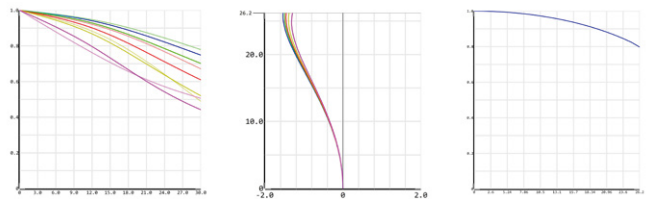
- Distagon
- High-Refractive Index Glass
- Anomalous Dispersion Glass
- Super spherical lens
- Ultra-High Transmittance Optical Glass Lens
- Hybrid Light Trapping



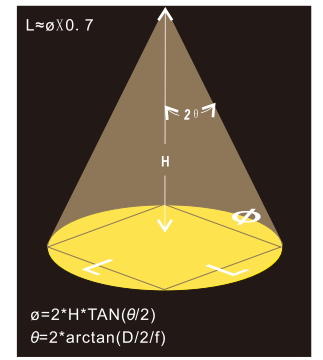
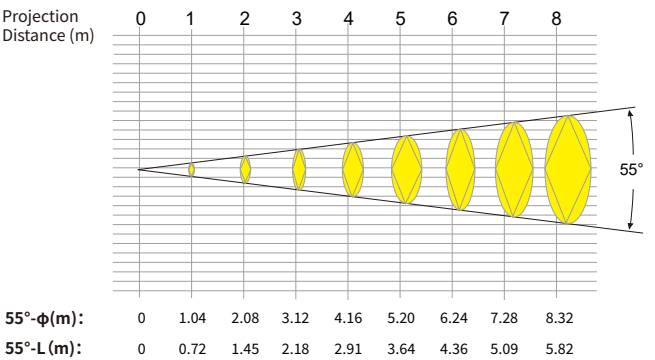
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Beam Parameters



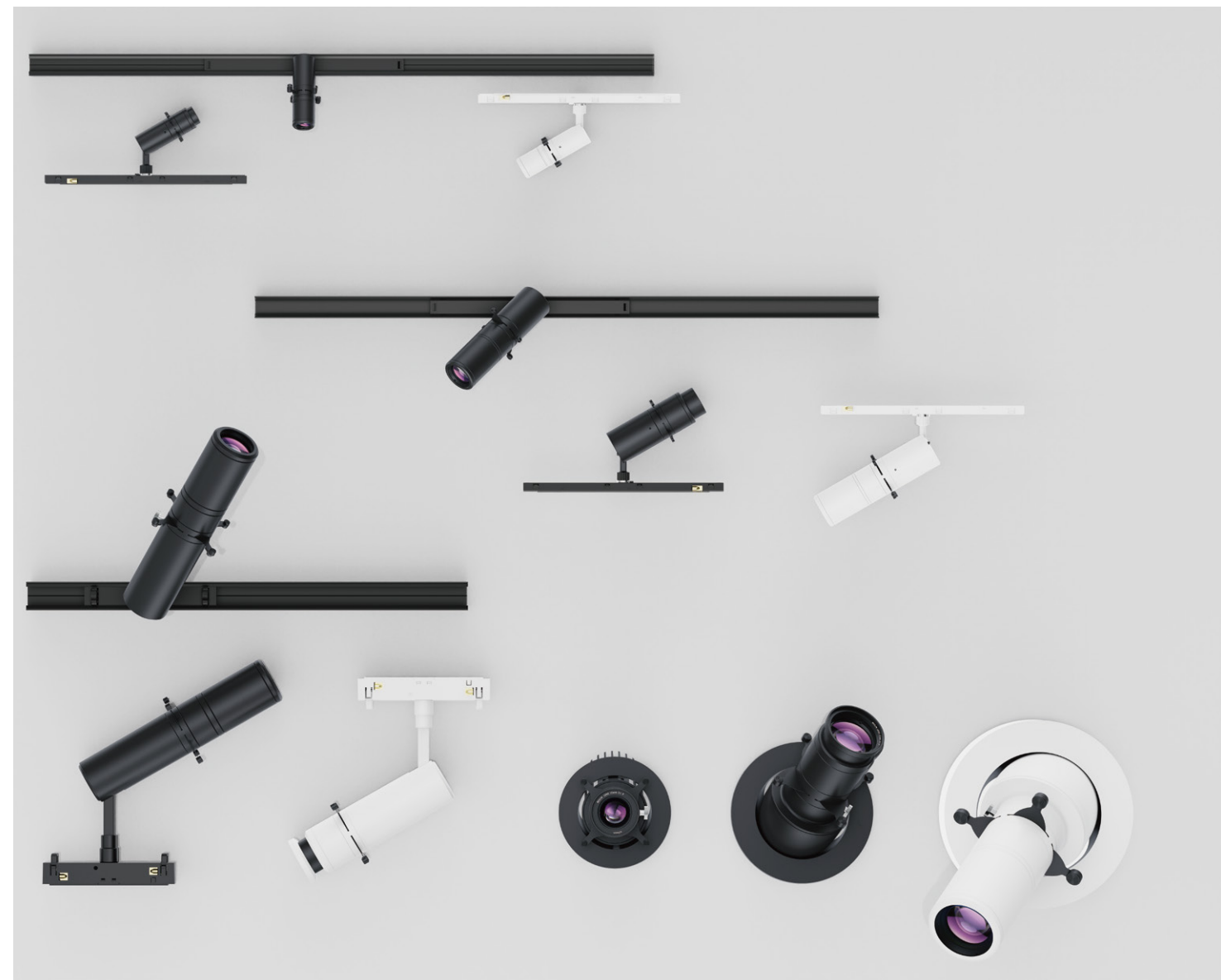


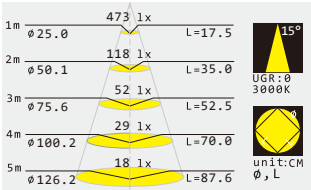
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KP series Framing Led Projector

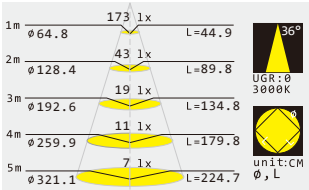
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KP series Framing Led Projector

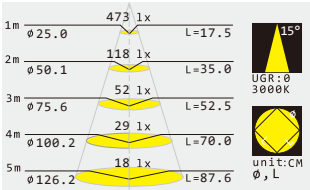
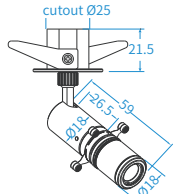




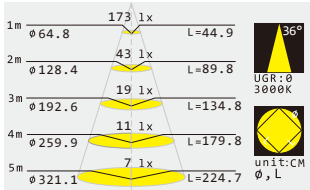
Model	T0303K-1836
Power	3W
Luminous flux	35-45LM
Beam Angle	15°- 36°
Optical lens	8/9 PCS



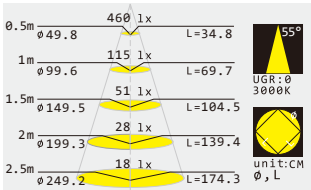
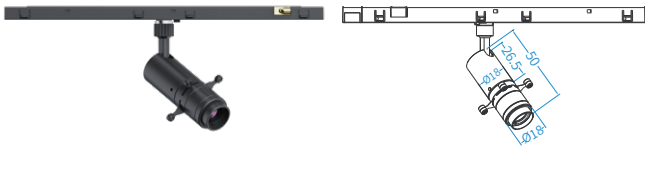
Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	0.13KG
EXW Price	\$632



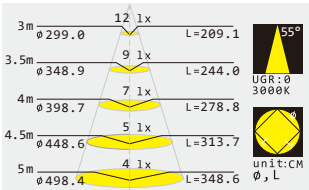
Model	D0325K-1836
Power	3W
Luminous flux	35-45LM
Beam Angle	15°- 36°
Optical lens	8/9 PCS



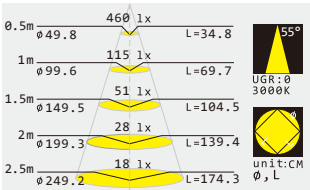
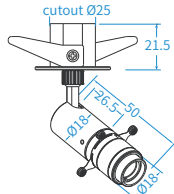
Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	0.13KG
EXW Price	\$453



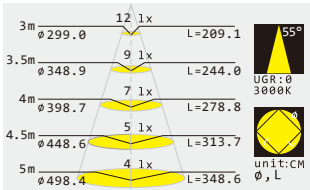
Model	T0303K-1855
Power	3W
Luminous flux	70-75LM
Beam Angle	55°
Optical lens	8/9 PCS



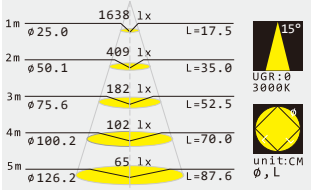
Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	0.12KG
EXW Price	\$601



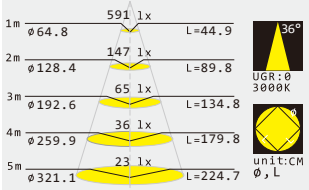
Model	D0325K-1855
Power	3W
Luminous flux	70-75LM
Beam Angle	55°
Optical lens	8/9 PCS



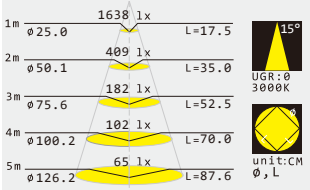
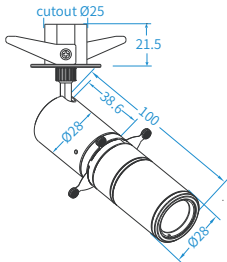
Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	0.12KG
EXW Price	\$423



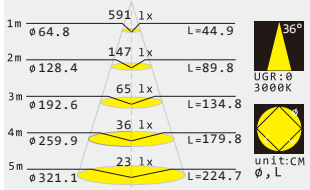
Model	T0503K-2836
Power	5W
Luminous flux	100-140LM
Beam Angle	15°- 36°
Optical lens	8/9 PCS



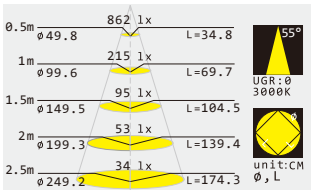
Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	0.21KG
EXW Price	\$632



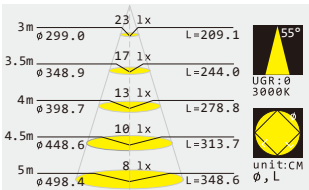
Model	D0525K-2836
Power	5W
Luminous flux	100-140LM
Beam Angle	15°- 36°
Optical lens	8/9 PCS



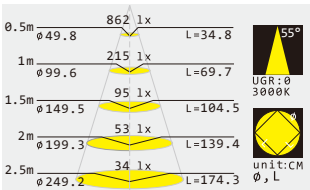
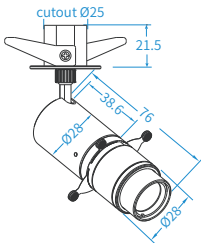
Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	0.21KG
EXW Price	\$453



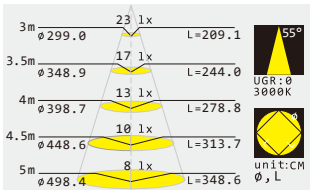
Model	T0503K-2855
Power	5W
Luminous flux	145-160LM
Beam Angle	55°
Optical lens	8/9 PCS



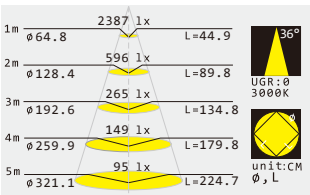
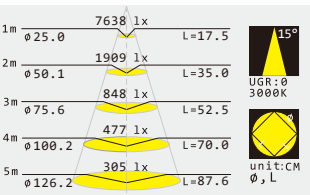
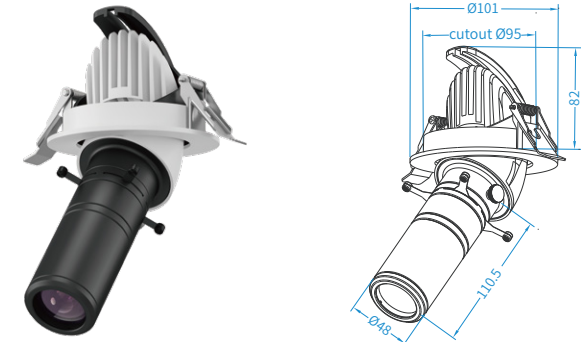
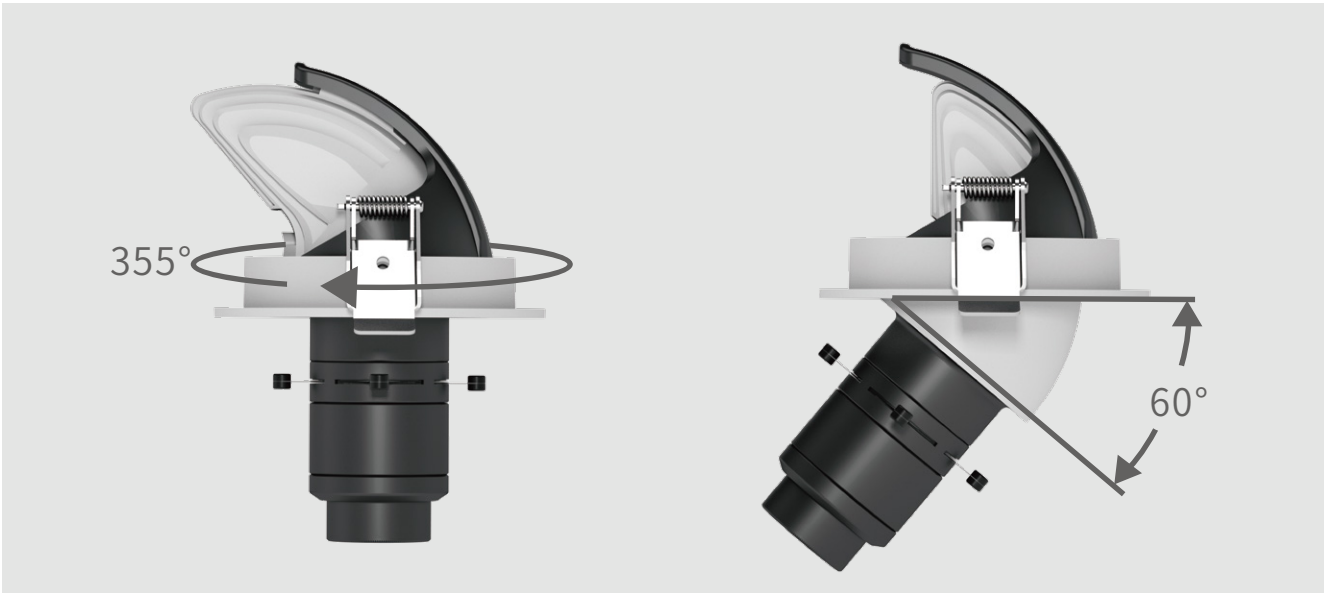
Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	0.19KG
EXW Price	\$601



Model	D0525K-2855
Power	5W
Luminous flux	145-160LM
Beam Angle	55°
Optical lens	8/9 PCS

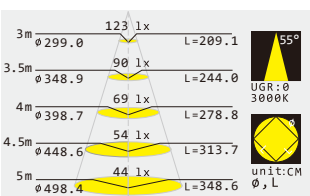
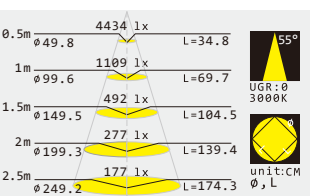
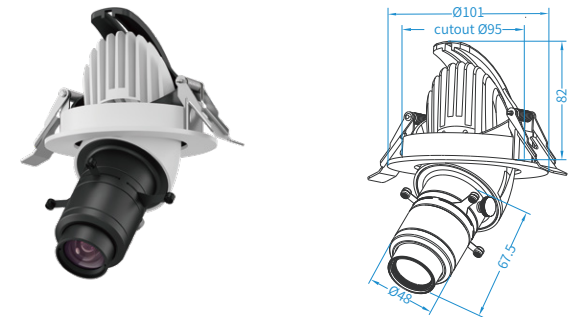


Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	0.19KG
EXW Price	\$423



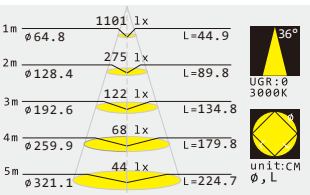
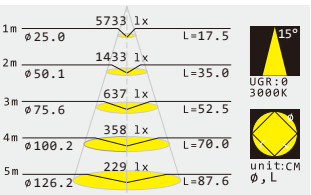
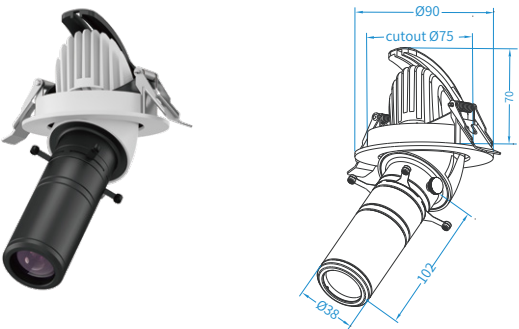
Model	G2095K-4836
Power	20W
Luminous flux	630-650LM
Beam Angle	15°- 36°
Optical lens	10/11 PCS

Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	1.03KG
EXW Price	\$467



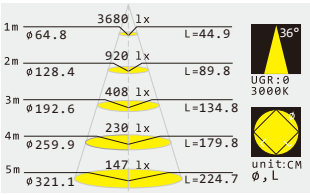
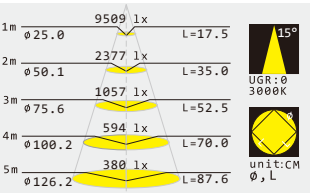
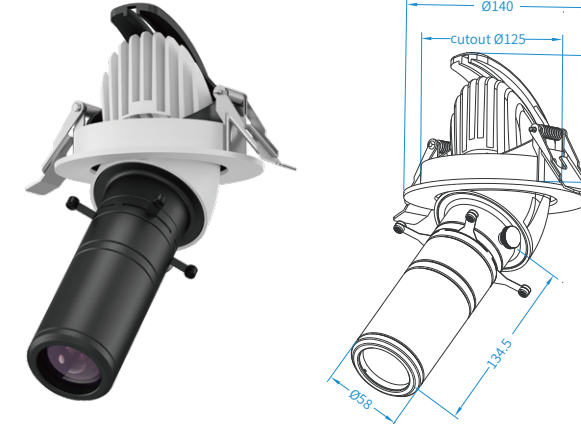
Model	G2095K-4855
Power	20W
Luminous flux	745-780LM
Beam Angle	55°
Optical lens	9/10 PCS

Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	0.94KG
EXW Price	\$418



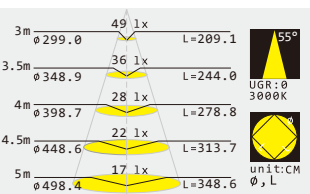
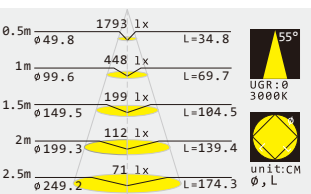
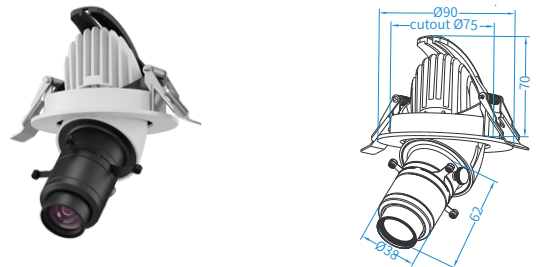
Model	G1075K-3836
Power	10W
Luminous flux	300-350LM
Beam Angle	15°- 36°
Optical lens	10/11 PCS

Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	0.49KG
EXW Price	\$375



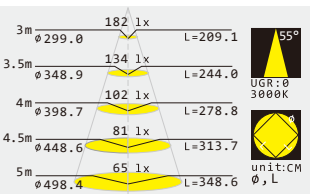
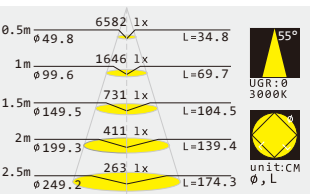
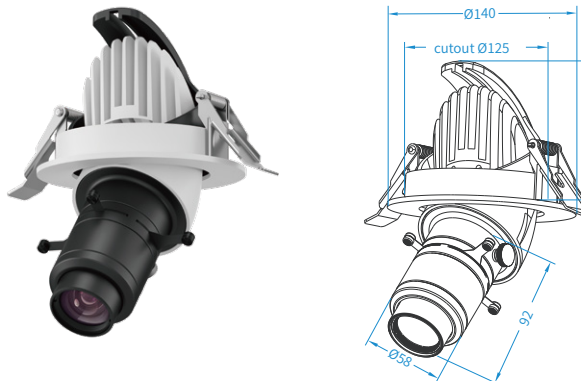
Model	G30125K-5836
Power	28W
Luminous flux	870-1000LM
Beam Angle	15°- 36°
Optical lens	10/11 PCS

Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	1.41KG
EXW Price	\$615



Model	G1075K-3855
Power	10W
Luminous flux	300-350LM
Beam Angle	55°
Optical lens	9/10 PCS

Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	0.40KG
EXW Price	\$326



Model	G30125K-5855
Power	28W
Luminous flux	1050-1150LM
Beam Angle	55°
Optical lens	10/11 PCS

Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	1.29KG
EXW Price	\$523



倍晟[®] **BESUN**[®] 2025
KP series Framing Led Projector

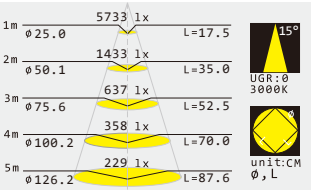
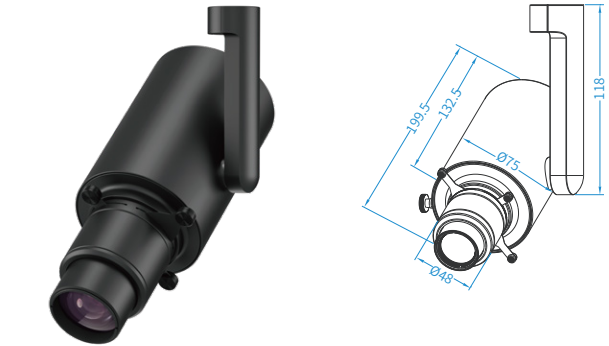
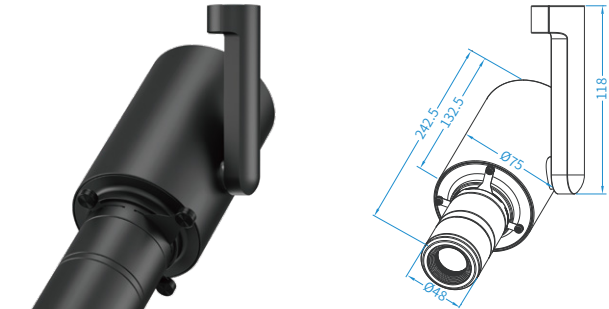
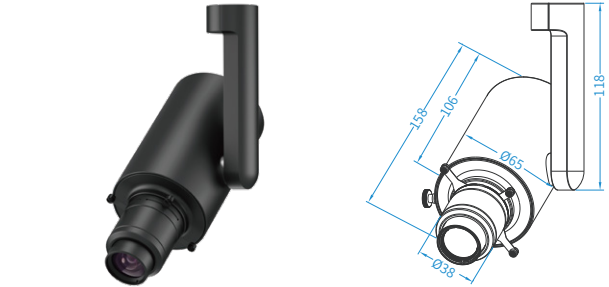
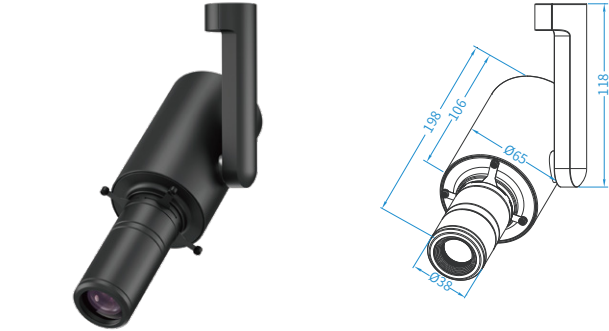
DIP CCT + knob dimming design enables simultaneous beam cutting and individual lamp dimming/CCT control. It operates as a standalone solution or integrates seamlessly with other dimming systems.



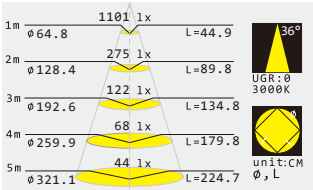
Control Methods



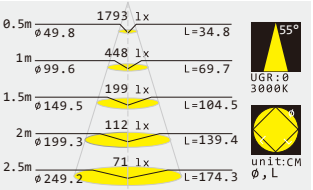
Model number reference



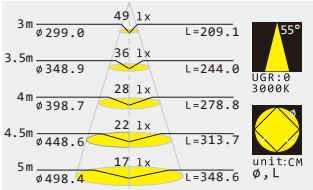
Model	T1008K-3836
Power	10W
Luminous flux	300-350LM
Beam Angle	15° - 36°
Optical lens	10/11 PCS



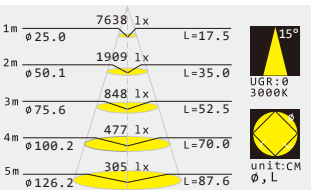
Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	0.67KG
EXW Price	\$430



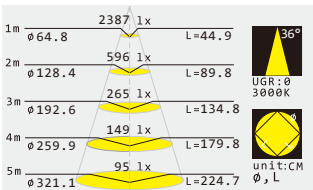
Model	T1008K-3855
Power	10W
Luminous flux	300-350LM
Beam Angle	55°
Optical lens	9/10 PCS



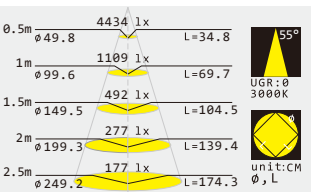
Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	0.59KG
EXW Price	\$381



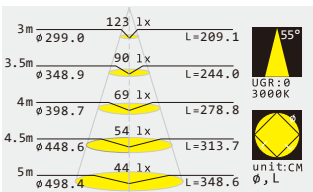
Model	T2008K-4836
Power	20W
Luminous flux	630-650LM
Beam Angle	15° - 36°
Optical lens	10/11 PCS



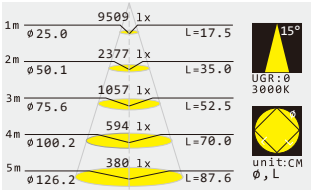
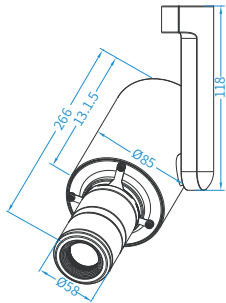
Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	1.12KG
EXW Price	\$498



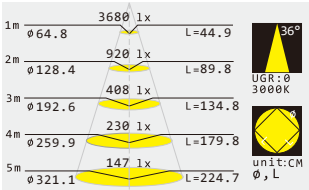
Model	T2008K-4855
Power	20W
Luminous flux	745-780LM
Beam Angle	55°
Optical lens	9/10 PCS



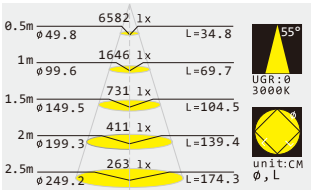
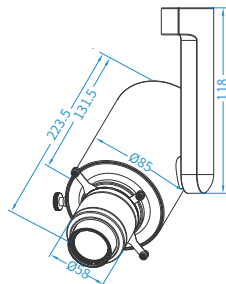
Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	1.04KG
EXW Price	\$449



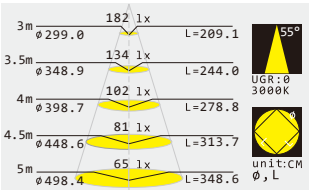
Model	T3008K-5836
Power	28W
Luminous flux	870-1000LM
Beam Angle	15°- 36°
Optical lens	10/11 PCS



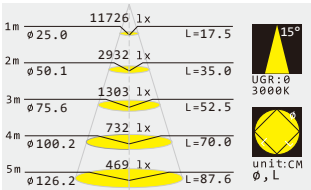
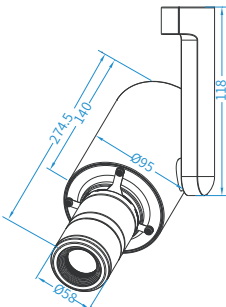
Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	1.53KG
EXW Price	\$621



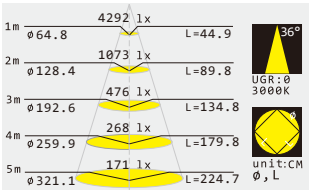
Model	T3008K-5855
Power	28W
Luminous flux	1050-1150LM
Beam Angle	55°
Optical lens	10/11 PCS



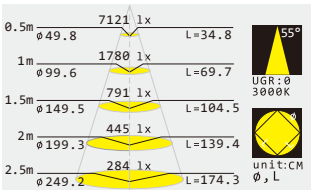
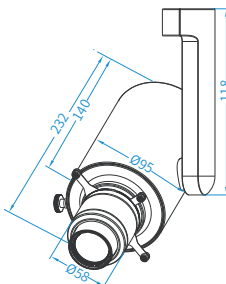
Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	1.40KG
EXW Price	\$529



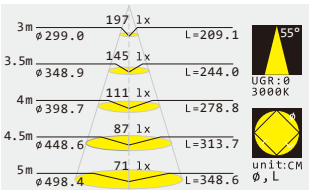
Model	T4008K-5836
Power	37W
Luminous flux	1000-1200LM
Beam Angle	15°- 36°
Optical lens	10/11 PCS



Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	1.80KG
EXW Price	\$652



Model	T4008K-5855
Power	37W
Luminous flux	1110-1200LM
Beam Angle	55°
Optical lens	10/11 PCS



Ra	RA≥97
CCT	2700k/3000k/4000k
Housing Color	Black/White/Other
N.W.	1.68KG
EXW Price	\$560

倍晟® **BESUN**® 2025

Not just Expertise. It's love. It's madness.



Technical support



Business support