

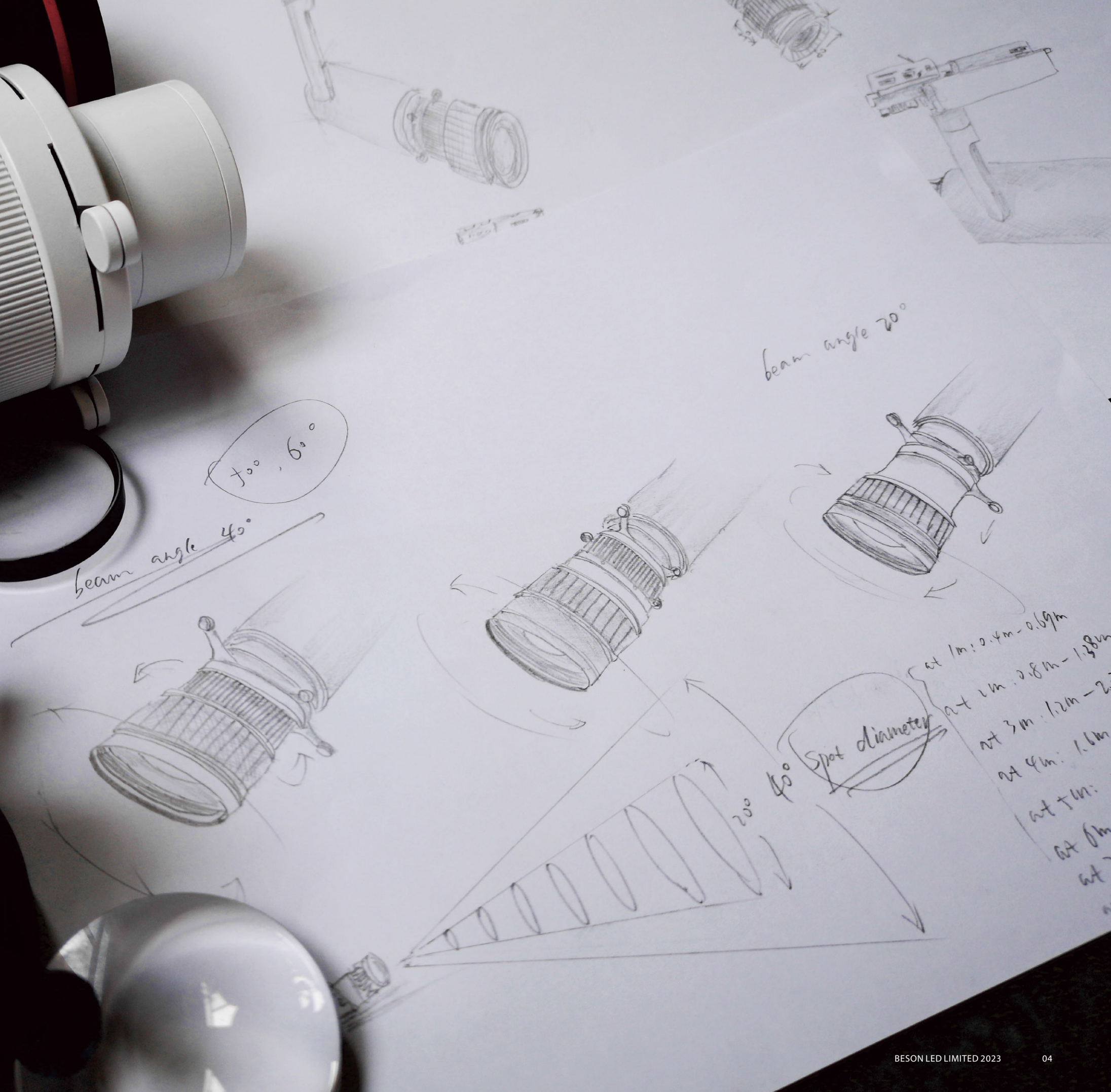
Come from BESON, go for BEing SUN.



BESON LED LIMITED
BESON ALL SERIES FRAMING OPTIC LENS
2023

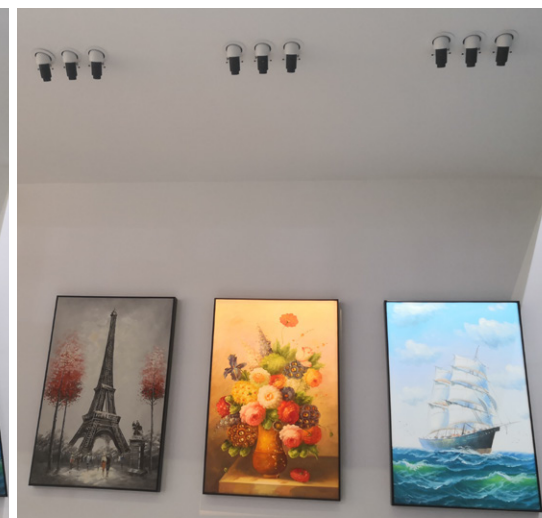







BESON

Come from BESON, go for BEing SUN.











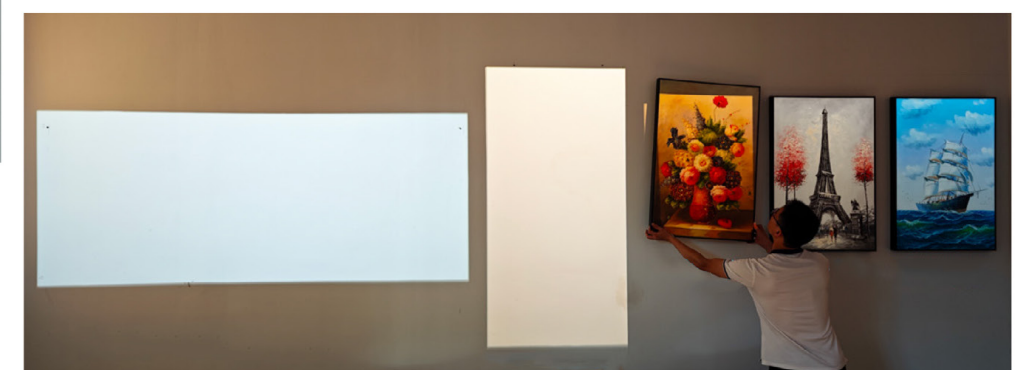
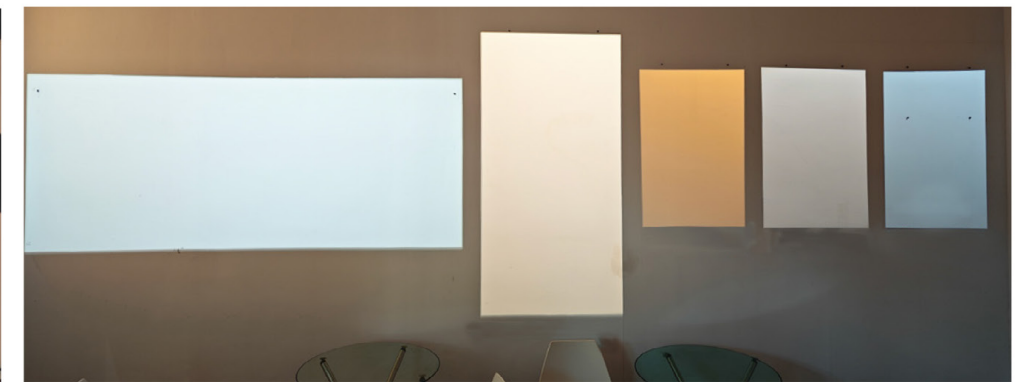
Light and shadow give life more layers.



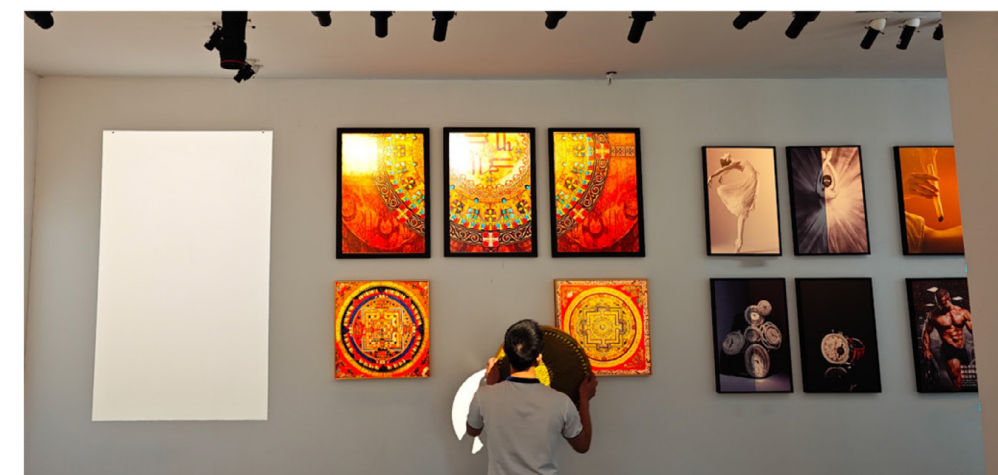
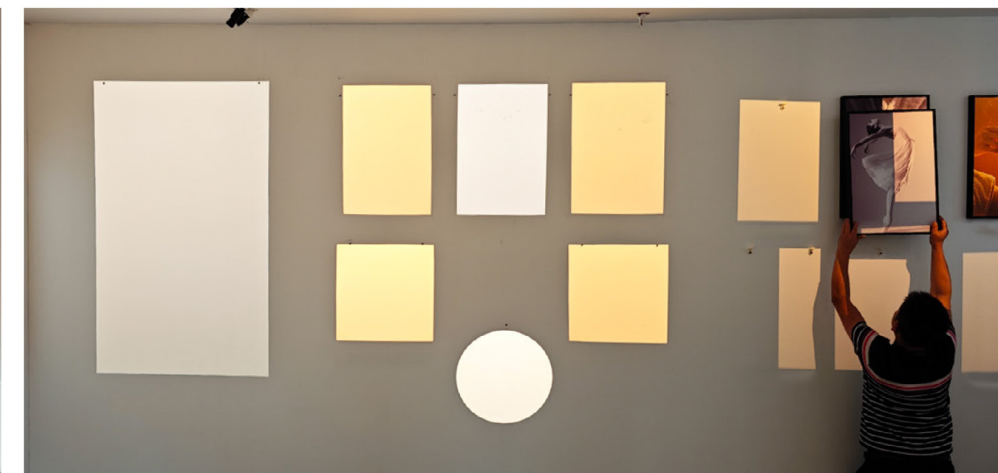


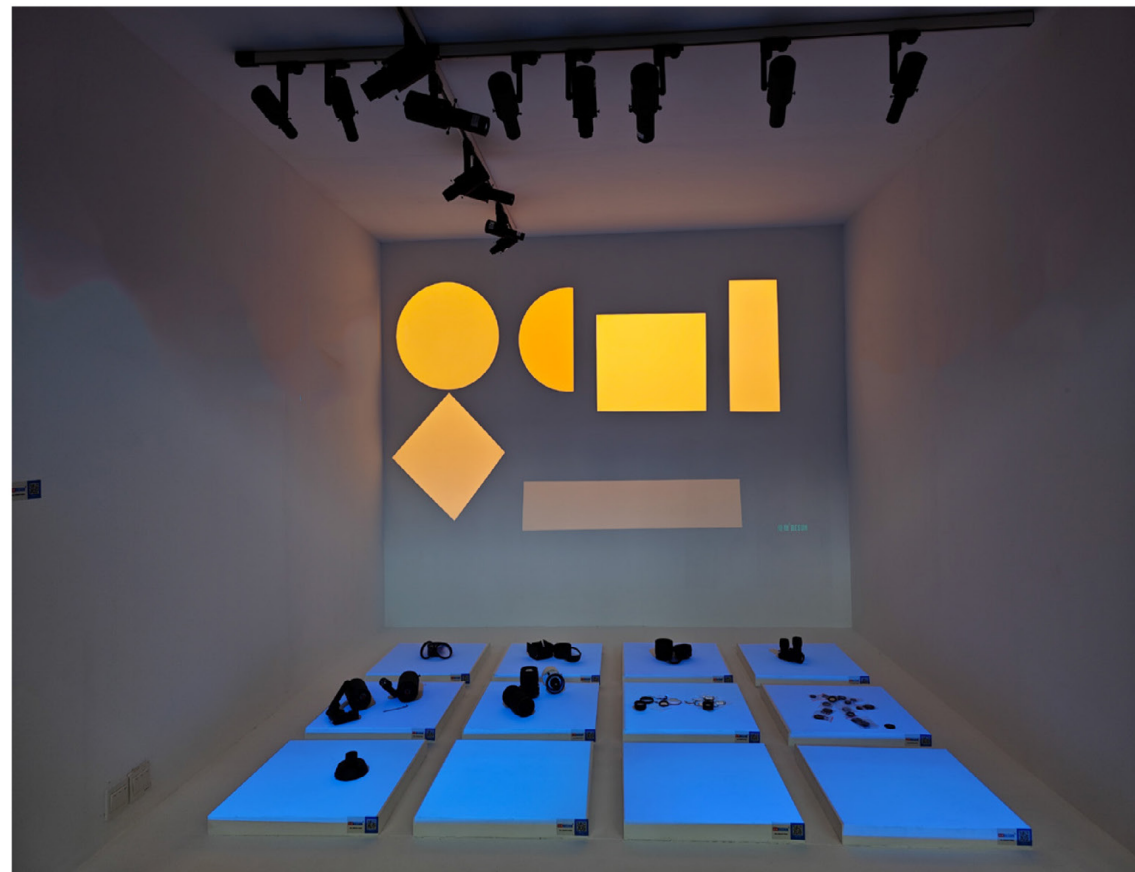
Shape + projection explanation, the combination of practicality and artistic conception, the collision of picture and text, BESUN provides you with higher-precision text projection.

















18mm

Opening a new era of pixel lighting in display cabinets!

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

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

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



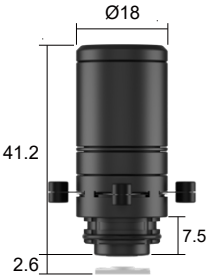
Whole lamp combination type



1836B-C

1855-C

1836B-C



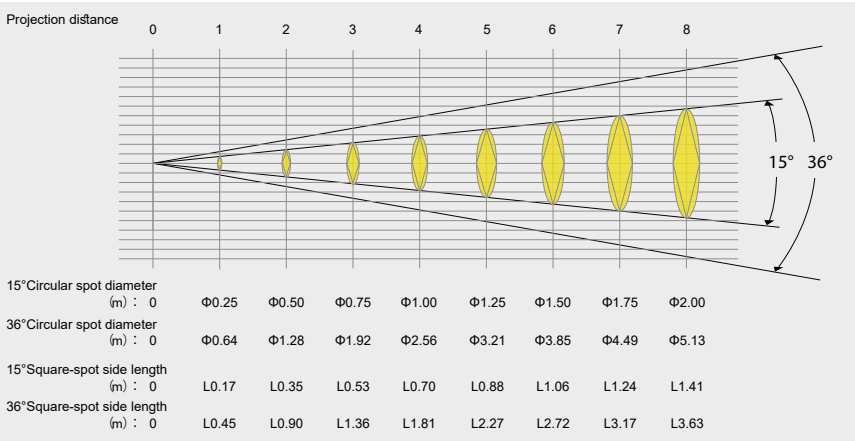
Matching luminous surface

Official recommended light source

3W	CITIZEN
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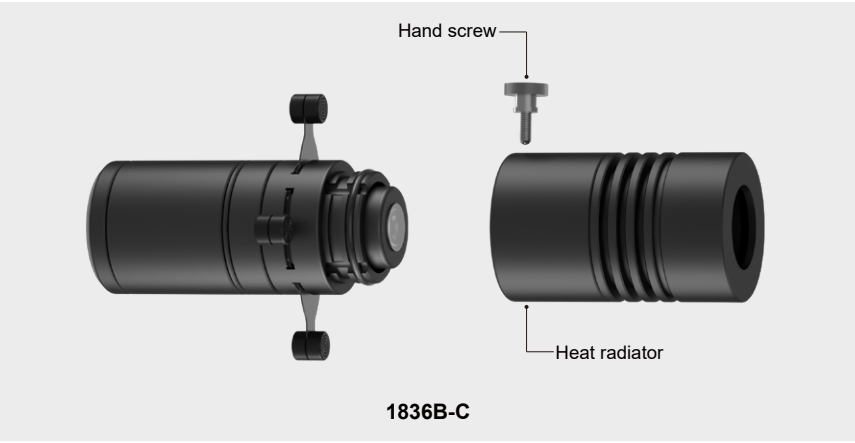
Specification parameter

Lens model	1836B-C
Housing Colour	Black 黑 / White 白
Beam angle range	15°-36°
Uniformity	85%
TV distortion	≤0.25%
Optical lens	10pcs
Light output rate	43%
Lens weight	18g
Filter specification	Nonsupport
Protocol Support	Zhaga
Projection resolution/sharpness	0.01/1
Gobo size	4mm (Inside diameter) 8.5mm (Outside diameter)

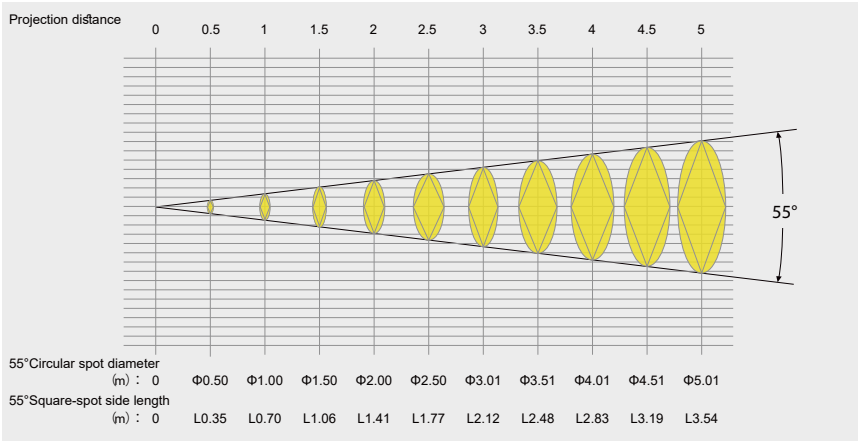


Radiator connection

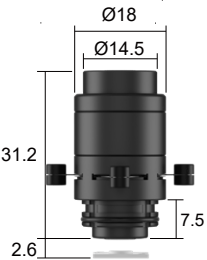
The connection between the lens and the radiator is a one-piece device, the connection device and the lens part of the fusion of non-detachable, with a strong unity, the connection between the radiator and the lens is through the combination of the pair of insertion + hand screws, assembly is fast, to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



Specification parameter



1855-C



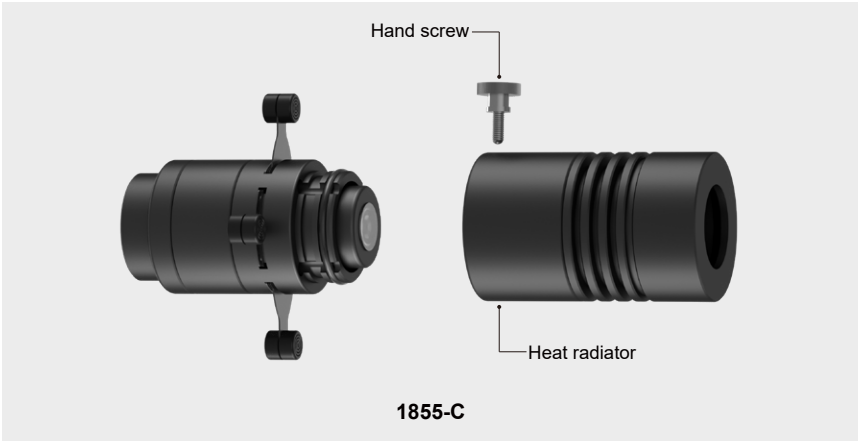
Matching luminous surface

Official recommended light source

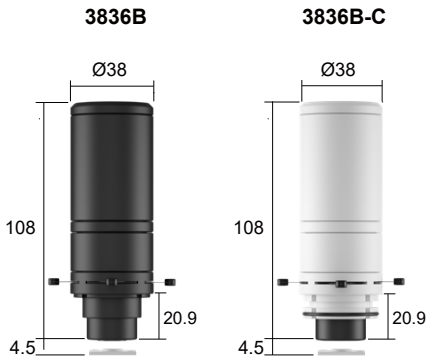
3W	CITIZEN
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Lens model	1855-C
Housing Colour	Black White
Beam angle range	55°
Uniformity	90%
TV distortion	≤0.4%
Optical lens	10pcs
Light output rate	43%
Lens weight	15.1g
Filter specification	Nonsupport
Protocol Support	Zhaga
Projection resolution/sharpness	0.01/1
Gobo size	4mm (Inside diameter) 8.5mm (Outside diameter)

Radiator connection



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



Matching luminous surface

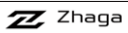
Official recommended light source

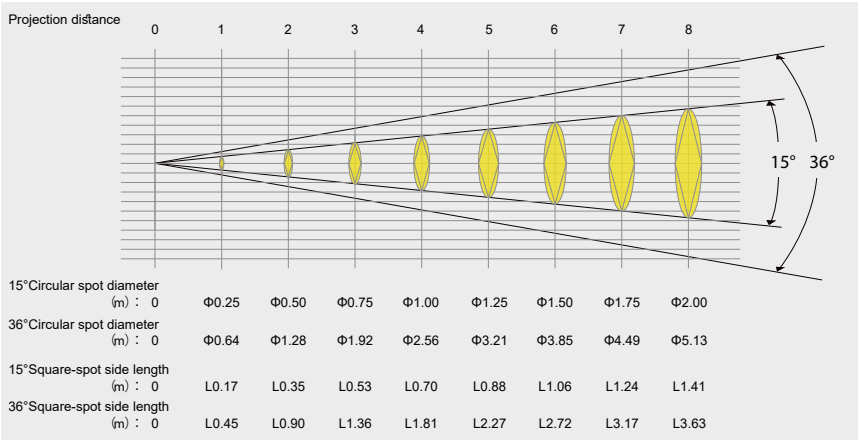
8-10W	CITIZEN	TOYONIA
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3836B / 3836B-C



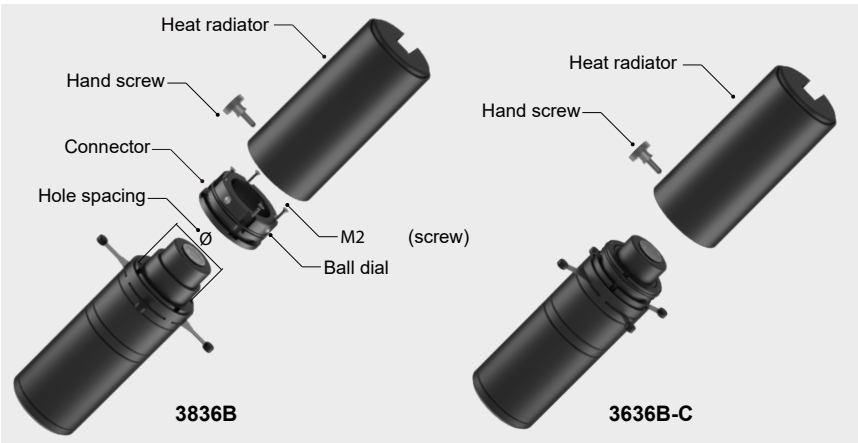
Specification parameter

Lens model	3836B / 3836B-C	
Housing Colour	Black	White
Beam angle range	15°-36°	
Uniformity	85%	
TV distortion	0.6%	
Optical lens	11pcs	
Light output rate	43%	
Lens weight	210g	
Filter specification	Nonsupport	
Protocol Support		
Projection resolution/sharpness	0.01/1	
Gobo size	14mm	(Inside diameter)
	19.7mm	(Outside diameter)

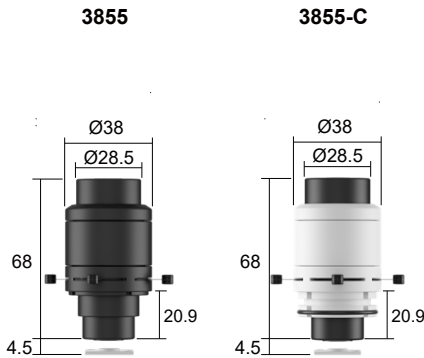


Radiator connection

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



3855 / 3855-C

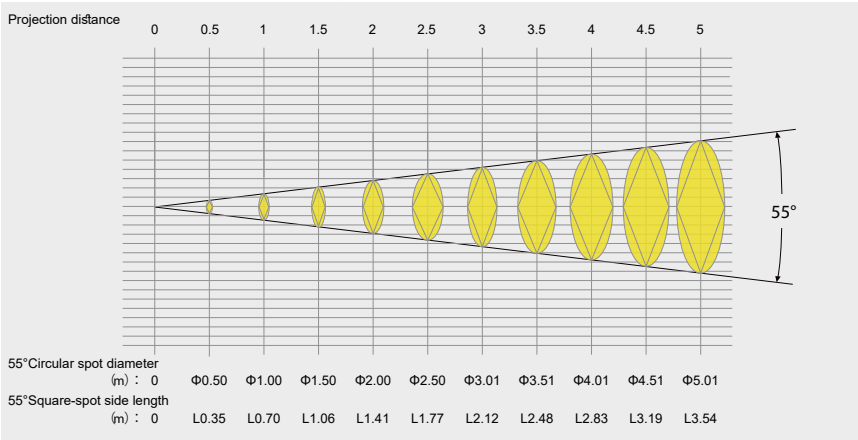


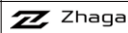
Matching luminous surface

Official recommended light source

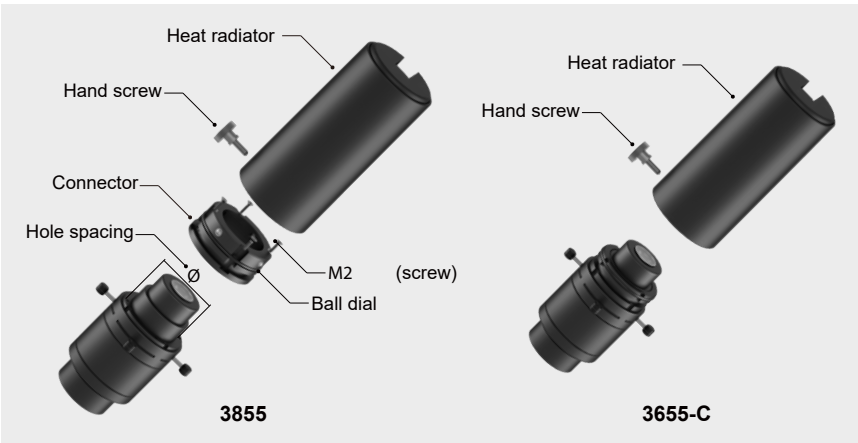
8-10W	CITIZEN	TOYONIA
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Specification parameter

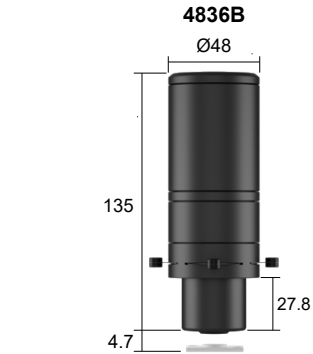


Lens model	3855 / 3855-C	
Housing Colour	Black	White
Beam angle range	55°	
Uniformity	90%	
TV distortion	0.6%	
Optical lens	10pcs	
Light output rate	43%	
Lens weight	129g	
Filter specification	Nonsupport	
Protocol Support		
Projection resolution/sharpness	0.01/1	
Gobo size	14mm	(Inside diameter)
	19.7mm	(Outside diameter)

Radiator connection



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

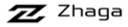


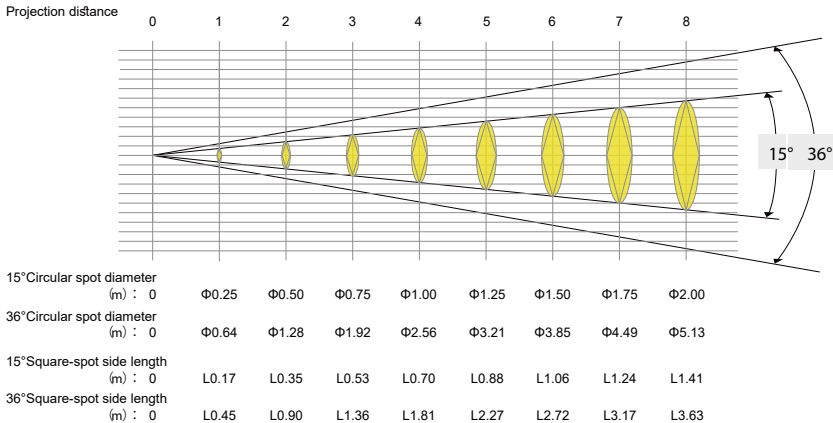
Matching luminous surface

Official recommended light source

20W	CITIZEN	/ TOYONIA
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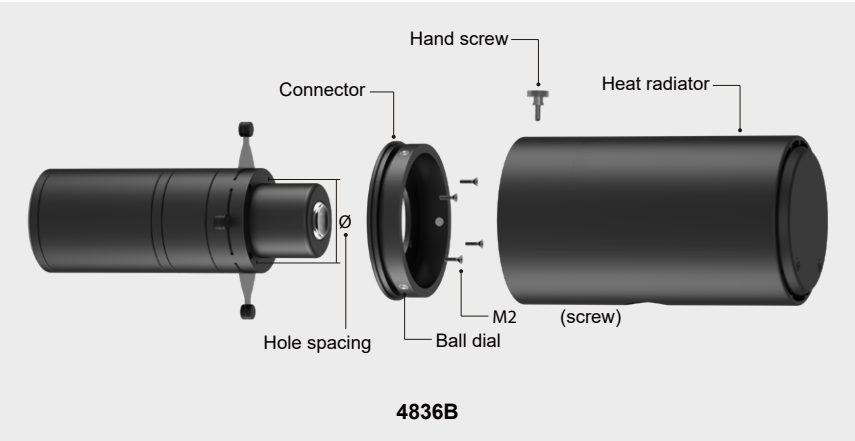
Specification parameter

Lens model	4836B
Housing Colour	Black White
Beam angle range	15°-36°
Uniformity	85%
TV distortion	≤0.5%
Optical lens	11pcs
Light output rate	45%
Lens weight	360g
Filter specification	Nonsupport
Protocol Support	 Zhaga
Projection resolution/sharpness	0.01/1
Gobo size	19mm (Inside diameter) 24.5mm (Outside diameter)

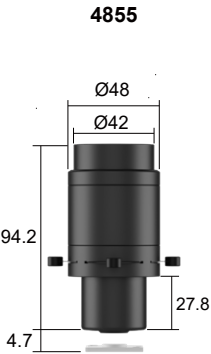


Radiator connection

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



4855

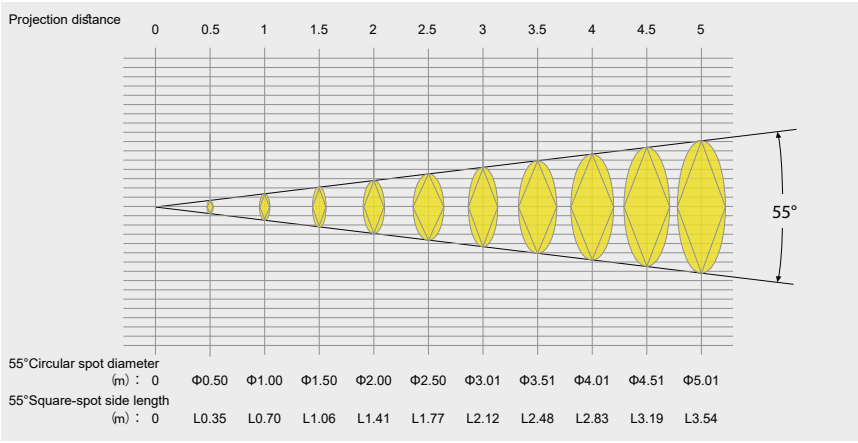


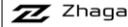
Matching luminous surface

Official recommended light source

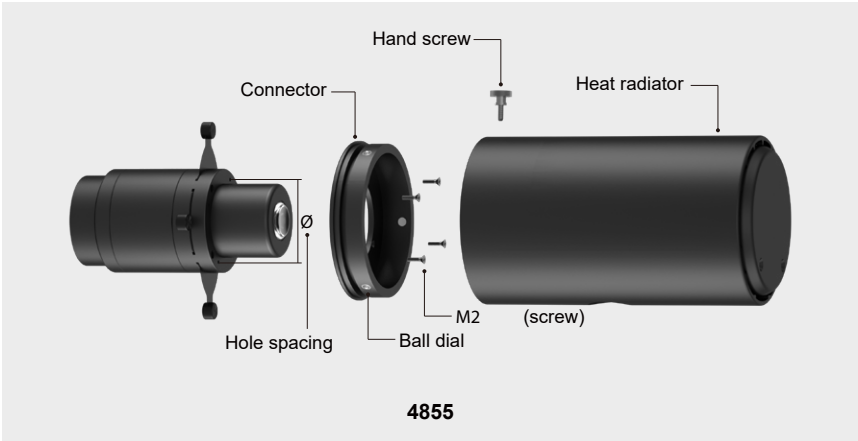
20W	CITIZEN	/ TOYONIA
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Specification parameter



Lens model	4855
Housing Colour	Black White
Beam angle range	55°
Uniformity	90%
TV distortion	≤0.5%
Optical lens	10pcs
Light output rate	45%
Lens weight	294g
Filter specification	Nonsupport
Protocol Support	 Zhaga
Projection resolution/sharpness	0.01/1
Gobo size	19mm (Inside diameter) 24.5mm (Outside diameter)

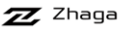
Radiator connection



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

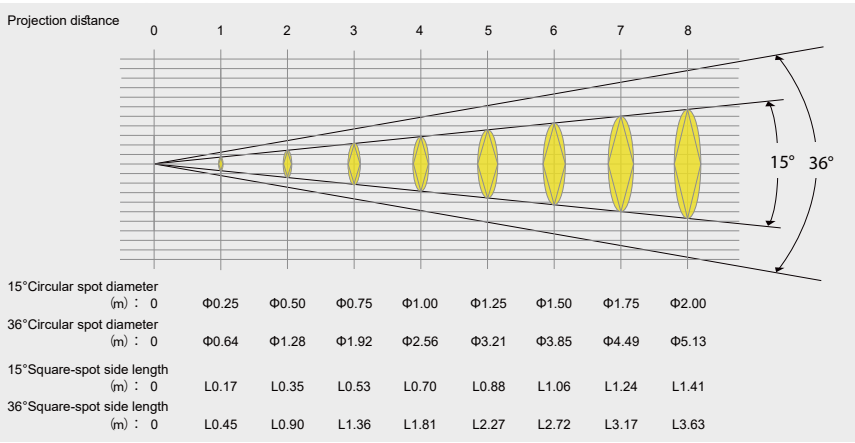


Specification parameter

Lens model	5836B
Housing Colour	Black White
Beam angle range	15°-36°
Uniformity	85%
TV distortion	≤0.5%
Optical lens	11pcs
Light output rate	45%
Lens weight	604.2g
Filter specification	Nonsupport
Protocol Support	 Zhaga
Projection resolution/sharpness	0.01/1
Gobo size	24mm (Inside diameter) 31.2mm (Outside diameter)

Radiator connection

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

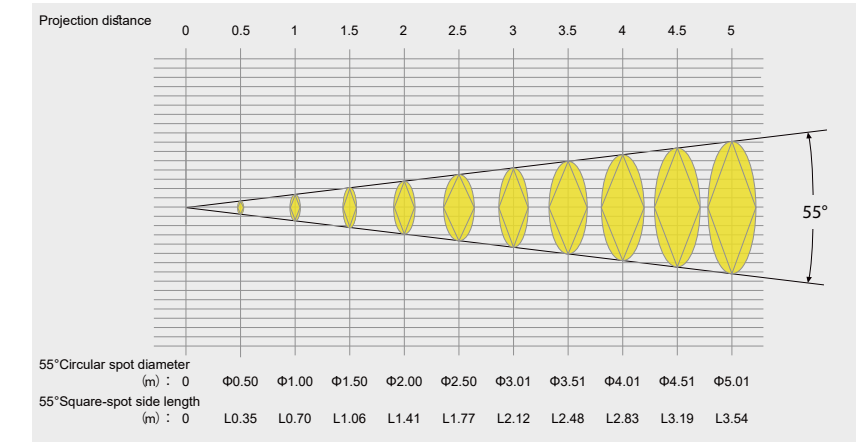


5836B

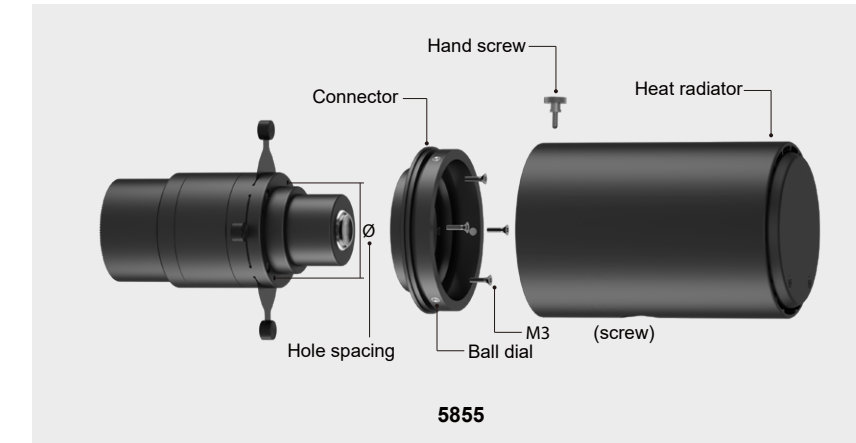
5855

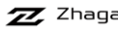


Specification parameter



Radiator connection



Lens model	5855
Housing Colour	Black White
Beam angle range	55°
Uniformity	90%
TV distortion	≤0.34%
Optical lens	11pcs
Light output rate	48%
Lens weight	479.2g
Filter specification	Nonsupport
Protocol Support	 Zhaga
Projection resolution/sharpness	0.01/1
Gobo size	24mm (Inside diameter) 31.2mm (Outside diameter)

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

① High-definition optical lens design

A new optical path specially designed for COB light sources.

② Bidirectional stepless linear zoom design

Rotating the device to adjust the spot size.

③ Multi-layer dry damping design

Rotating the device can change the sharpness of the spot.

④ Optical-grade variable aperture design

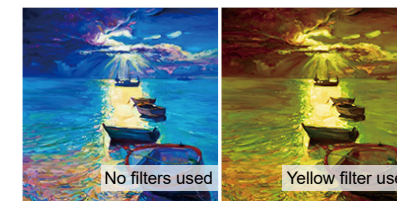
Manual insertion and removal of the light cut sheet can freely change the shape of the spot.

Industrial Grade Optical Filters

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

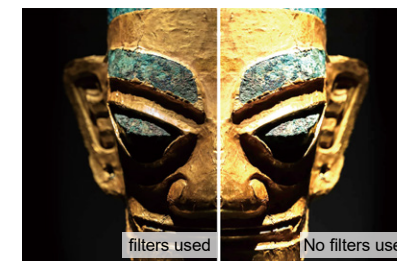


Color filter



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

ND filter



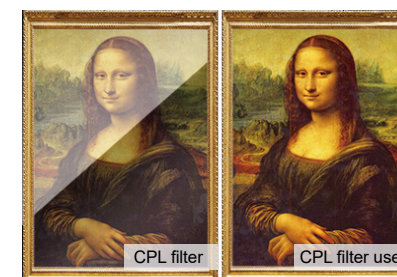
With electronic dimming, the small-angle illumination can be reduced to less than 75LUX, which is generally used for authentic lighting.

UV filter



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

CPL filter



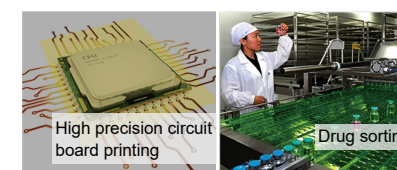
It can eliminate the reflection of the object's surface so that the object in a high luminosity environment can also display its original appearance.

GND filter



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

Other filter



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

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

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

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



4525SE



4536SE



7525SE



7536SE

Whole lamp combination type



4525SE

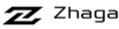


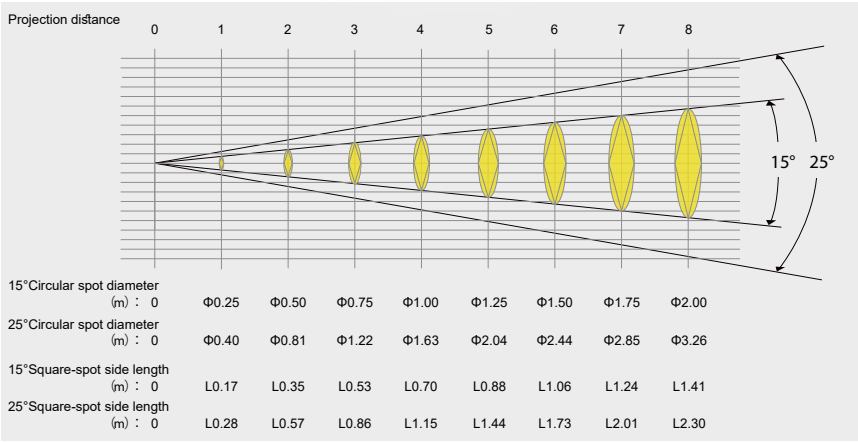
Matching luminous surface

Official recommended light source

8-10W	CITIZEN	TOYONIA
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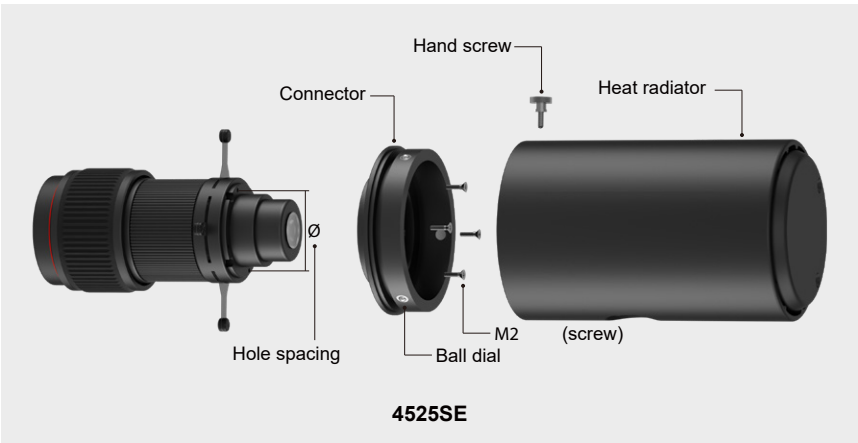
Specification parameter

Lens model	4525SE
Housing Colour	Black White
Beam angle range	15°-25°
Uniformity	83%
TV distortion	≤1.5%
Optical lens	8pcs
Light output rate	45%
Lens weight	187g
Filter specification	37mm
Protocol Support	 Zhaga
Projection resolution/sharpness	0.2/65%
Gobo size	10mm (Inside diameter) 19.7mm (Outside diameter)



Radiator connection

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



4536SE

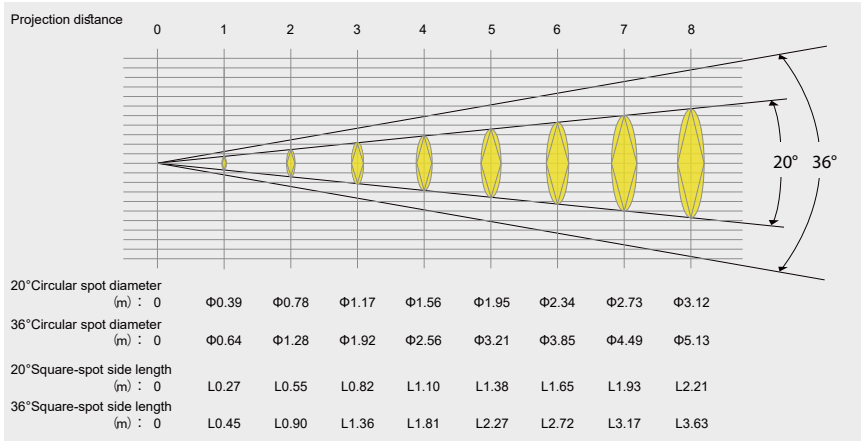


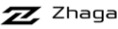
Matching luminous surface

Official recommended light source

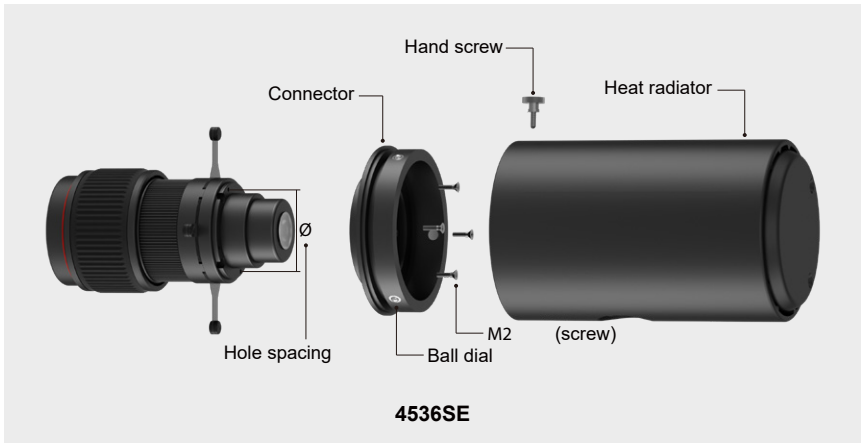
8-10W	CITIZEN	TOYONIA
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Specification parameter



Lens model	4536SE
Housing Colour	Black White
Beam angle range	20°-36°
Uniformity	83%
TV distortion	≤1.8%
Optical lens	10pcs
Light output rate	45%
Lens weight	184g
Filter specification	37mm
Protocol Support	 Zhaga
Projection resolution/sharpness	0.2/65%
Gobo size	10mm (Inside diameter) 19.7mm (Outside diameter)

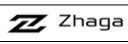
Radiator connection

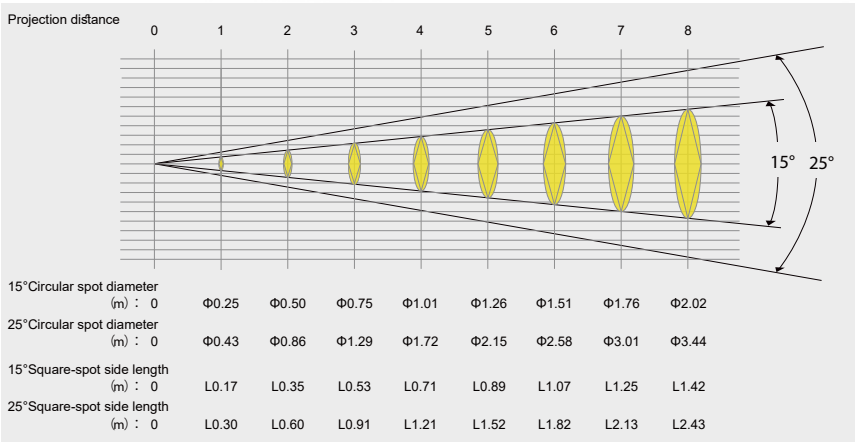


The connection device between the lens and the radiator is a split device (connector), the connector can be removed and replaced. The lens is combined with the radiator through connector+4 pcs M2 screws+ball dial+hand screws.This connection method has a high degree of adaptability, can be arbitrarily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



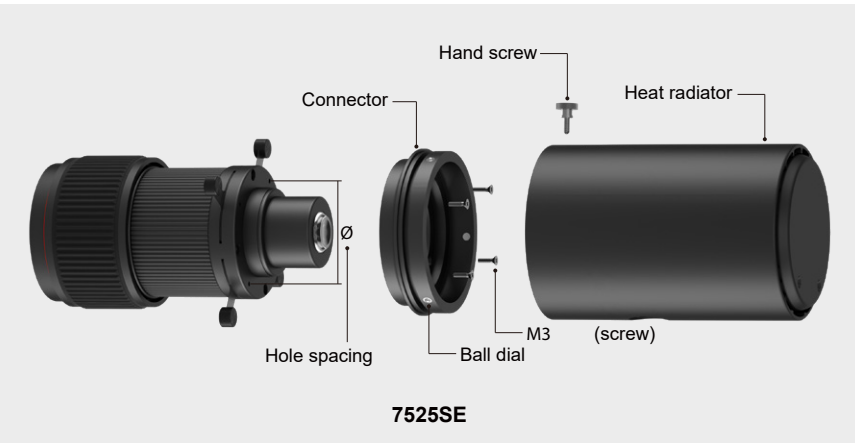
Specification parameter

Lens model	7525SE
Housing Colour	Black White
Beam angle range	15°-25°
Uniformity	80%
TV distortion	≤1.5%
Optical lens	8pcs
Light output rate	55%
Lens weight	742g
Filter specification	67mm
Protocol Support	 Zhaga
Projection resolution/sharpness	0.2/65%
Gobo size	18mm (Inside diameter) 31.2mm (Outside diameter)

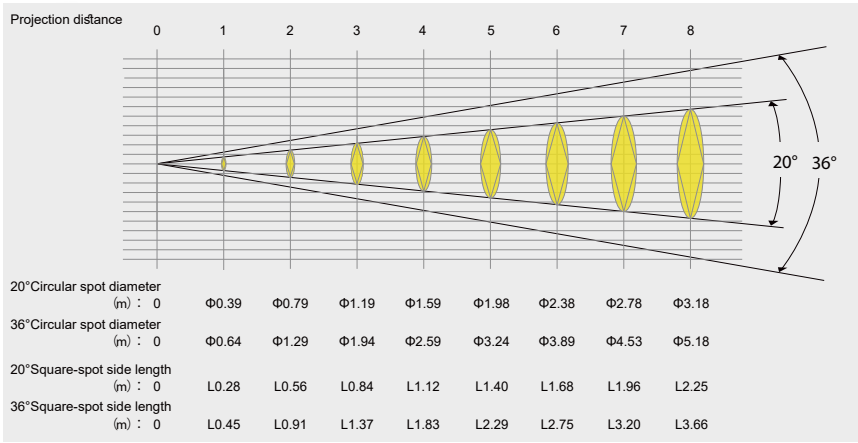



Radiator connection

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

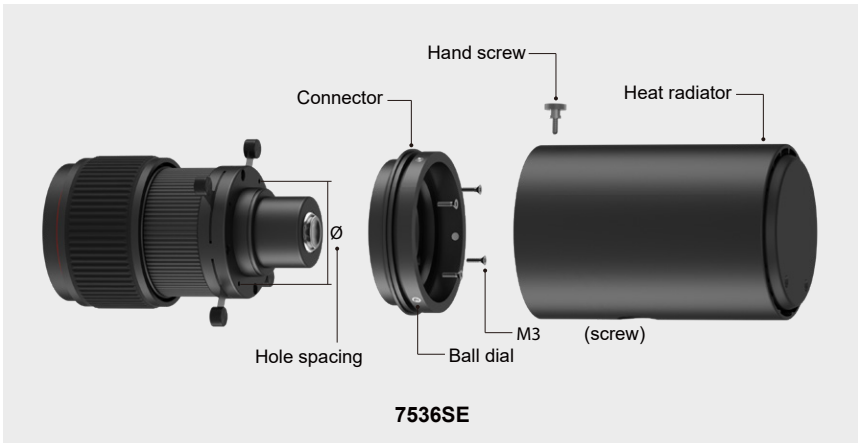


Specification parameter



Lens model	7536SE
Housing Colour	Black White
Beam angle range	20°-36°
Uniformity	80%
TV distortion	≤1.8%
Optical lens	10pcs
Light output rate	55%
Lens weight	755.5g
Filter specification	67mm
Protocol Support	 Zhaga
Projection resolution/sharpness	0.2/65%
Gobo size	18mm (Inside diameter) 31.2mm (Outside diameter)

Radiator connection



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

XQ Series Framing Optic Lens. Frame size 1:0.8



Diffuser



Color filter



ND filter



CPL filter



UV filter

GND filter

Industrial Grade Optical Filters

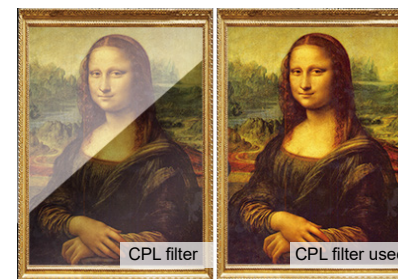
It can match a variety of industrial-grade optical filters and support the customization of special narrowband and ultra narrowband optical filters. Some filter functions can be superimposed, such as HD UV+color filter, HD UV+soft filter, amongst others.

UV filter



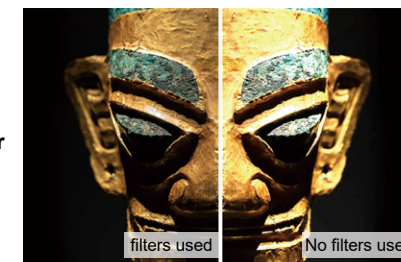
It can effectively filter UV rays in LED lamps and lanterns, thus protecting the illuminated object. It delivers superior performance in silk products lighting and cultural relics lighting.

CPL filter



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

ND filter



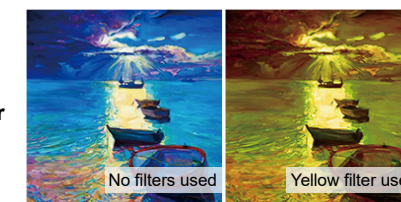
With electronic dimming, the small-angle illumination can be reduced to less than 75LUX, which is generally used for authentic lighting.

GND filter



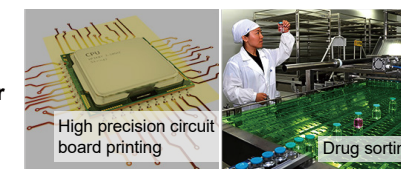
GND filter are used to alter the light ratio into the lens. For example, in illuminating the oblique side of the square position of the object, the use of gradient filters allows the even and constant illumination of the object.

Color filter



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

Other filter



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

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

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

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



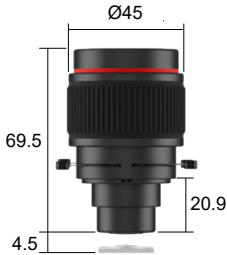
Whole lamp combination type



4555



4555

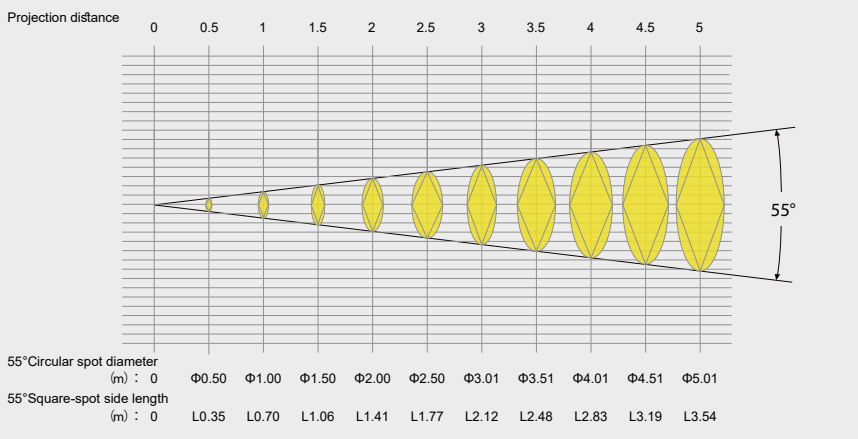


Matching luminous surface

Official recommended light source

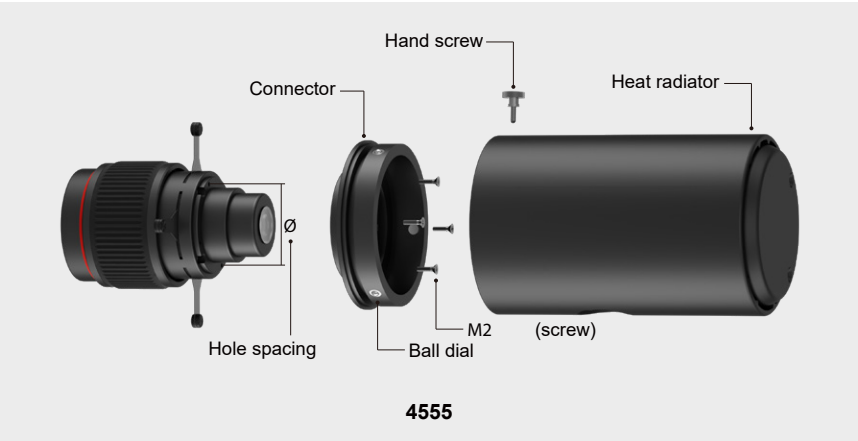
8-10W	CITIZEN	TOYONIA
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Specification parameter



Lens model	4555
Housing Colour	Black White
Beam angle range	55°
Uniformity	90%
TV distortion	≤0.6%
Optical lens	10pcs
Light output rate	43%
Lens weight	175g
Filter specification	37mm
Protocol Support	Zhaga
Projection resolution/sharpness	0.01/1
Gobo size	14mm (Inside diameter) 19.7mm (Outside diameter)

Radiator connection



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

6055



Matching luminous surface

Official recommended light source

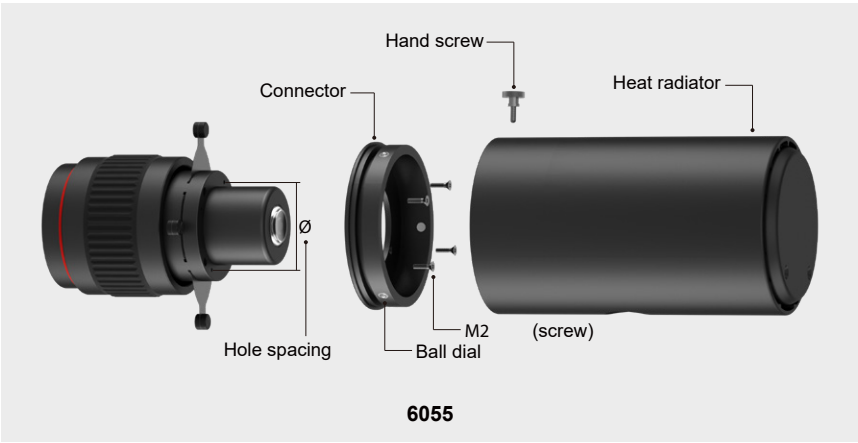
20W	CITIZEN	/ TOYONIA
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Specification parameter

Lens model	6055	
Housing Colour	Black	White
Beam angle range	55°	
Uniformity	90%	
TV distortion	≤0.5%	
Optical lens	10pcs	
Light output rate	48%	
Lens weight	385g	
Filter specification	52mm	
Protocol Support		
Projection resolution/sharpness	0.01/1	
Gobo size	19mm	(Inside diameter)
	24.5mm	(Outside diameter)

Radiator connection

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



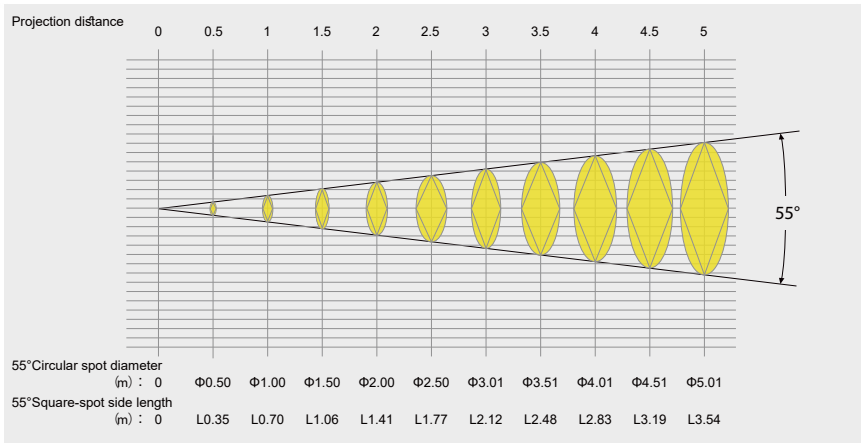
6055



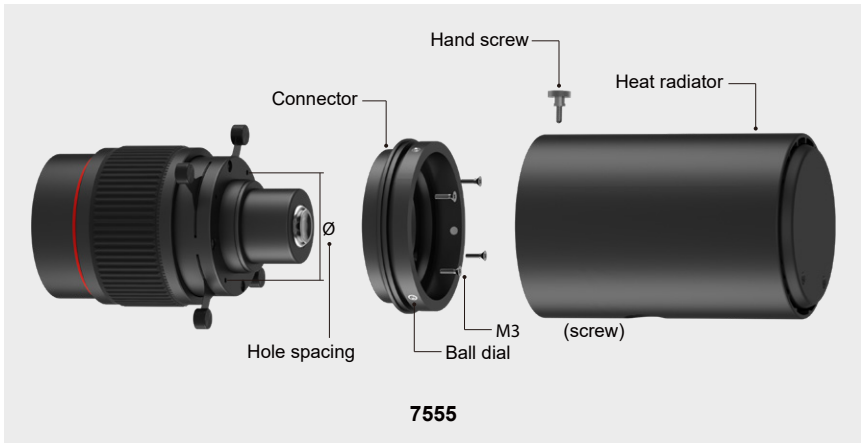
7555



Specification parameter



Radiator connection



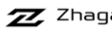
7555



Matching luminous surface

Official recommended light source

20W	CITIZEN
20-28W	TOYONIA
28-37W	CITIZEN

Lens model	7555	
Housing Colour	Black	White
Beam angle range	55°	
Uniformity	90%	
TV distortion	≤0.34%	
Optical lens	11pcs	
Light output rate	48%	
Lens weight	740g	
Filter specification	67mm	
Protocol Support		
Projection resolution/sharpness	0.01/1	
Gobo size	24mm	(Inside diameter)
	31.2mm	(Outside diameter)

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



GZ Series Framing Optic Lens. Frame size 1:0.8

① High-definition optical lens design

A new optical path specially designed for COB light sources.

② Multi-layer dry damping design

Rotating the device to adjust the spot size.

③ Multi-layer dry damping design

Rotating the device can change the sharpness of the spot.



④ Optical-grade variable aperture design

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

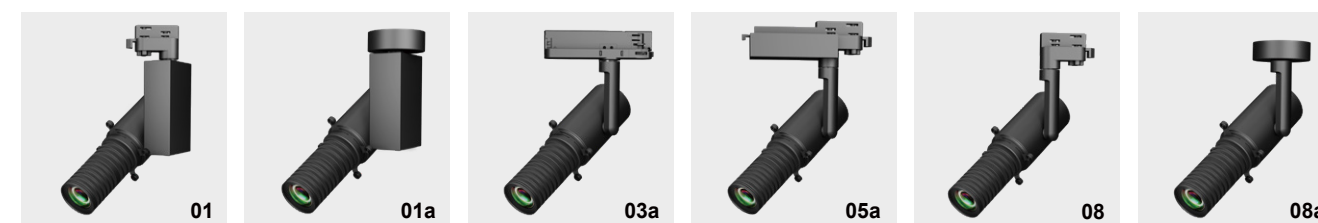
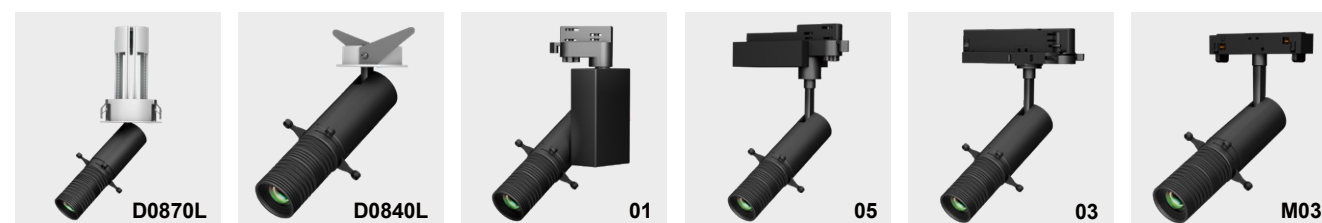
GZ series framing optic lens features a compact design, with dry mechanical damping system. It achieves stable and reliable front and rear zoom, spot shaping and projection, ultra-high cost performance. Its optical and electric performance is the same as DQ Series.

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

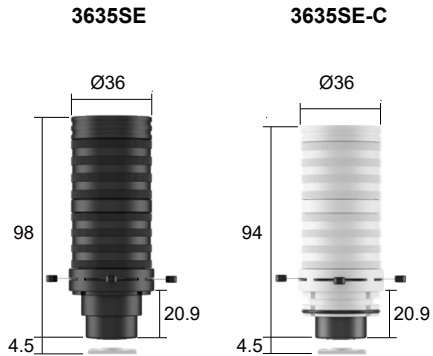
1. High light efficiency (compared to the first generation of products, the light efficiency increased by 35%).
2. Delicate rotation feel (linear zoom, delicate feel).
3. Full series supports zhaga protocol installation



Whole lamp combination type 整灯组合类型



3635SE / 3635SE-C




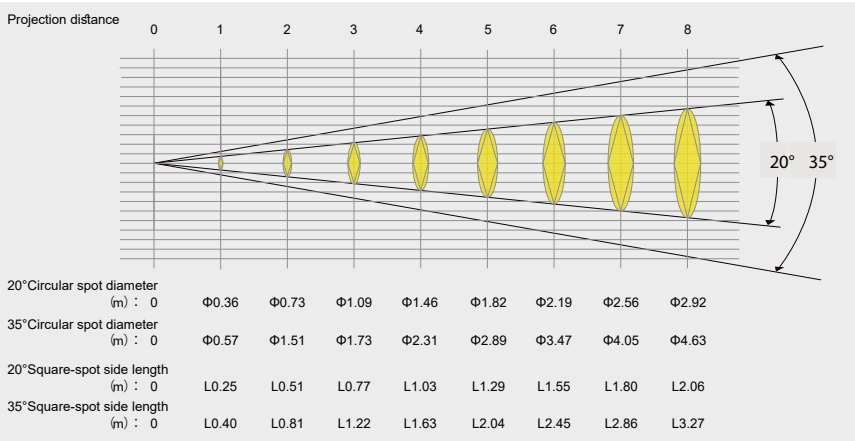
Matching luminous surface

Official recommended light source

8-10W	CITIZEN	TOYONIA
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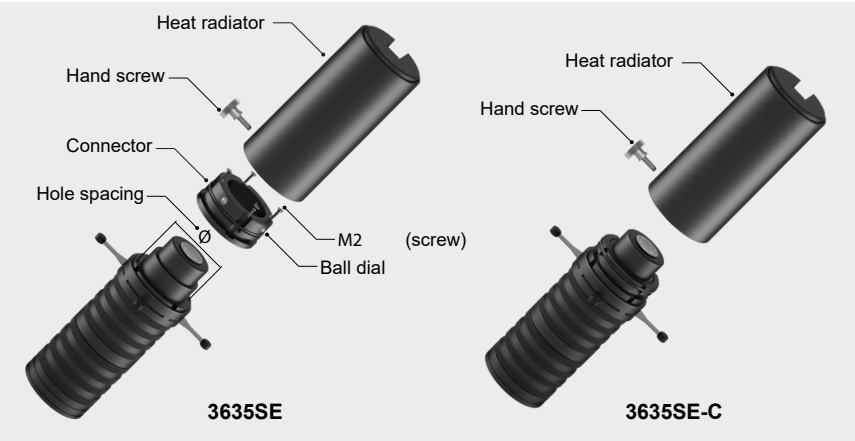
Specification parameter

Lens model	3635SE / 3635SE-C	
Housing Colour	Black	White
Beam angle range	20°-35°	
Uniformity	80%	
TV distortion	≤1.8%	
Optical lens	8pcs	
Light output rate	43%	
Lens weight	142.5g	
Filter specification	32mm	
Protocol Support		
Projection resolution/sharpness	0.2/65%	
Gobo size	10mm	(Inside diameter)
	19.7mm	(Outside diameter)

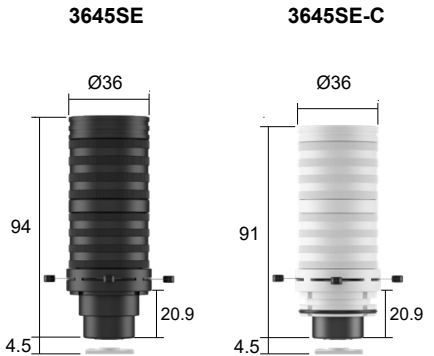


Radiator connection

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



3645SE / 3645SE-C

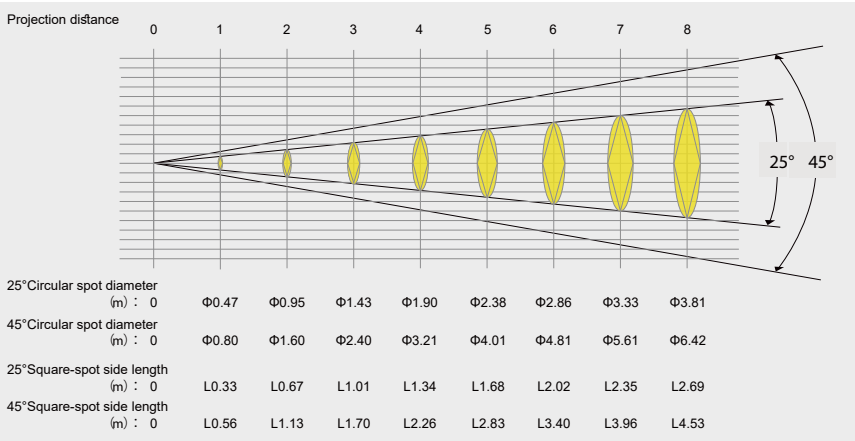


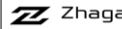
Matching luminous surface

Official recommended light source

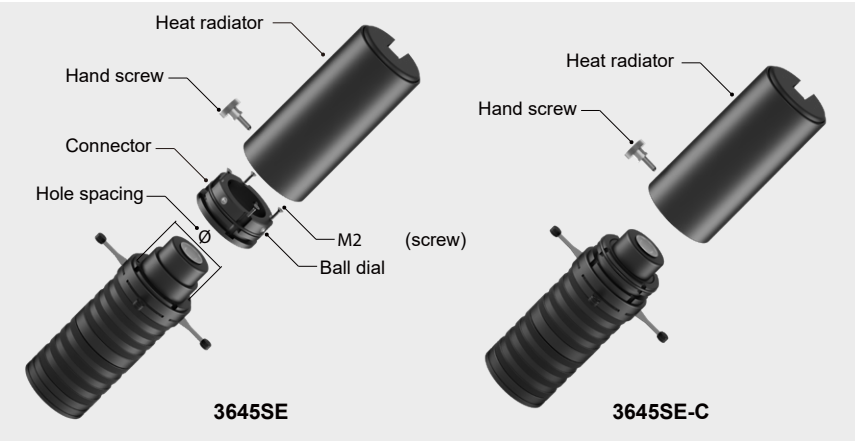
8-10W	CITIZEN	TOYONIA
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Specification parameter

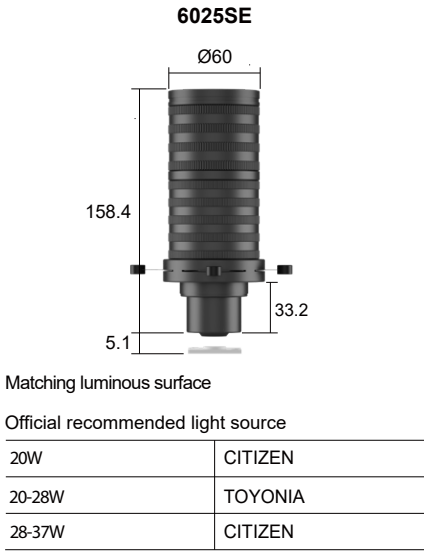


Lens model	3645SE / 3645SE-C	
Housing Colour	Black	White
Beam angle range	25°-45°	
Uniformity	80%	
TV distortion	≤3%	
Optical lens	10pcs	
Light output rate	43%	
Lens weight	148.4g	
Filter specification	32mm	
Protocol Support		
Projection resolution/sharpness	0.2/65%	
Gobo size	10mm	(Inside diameter)
	19.7mm	(Outside diameter)


Radiator connection



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

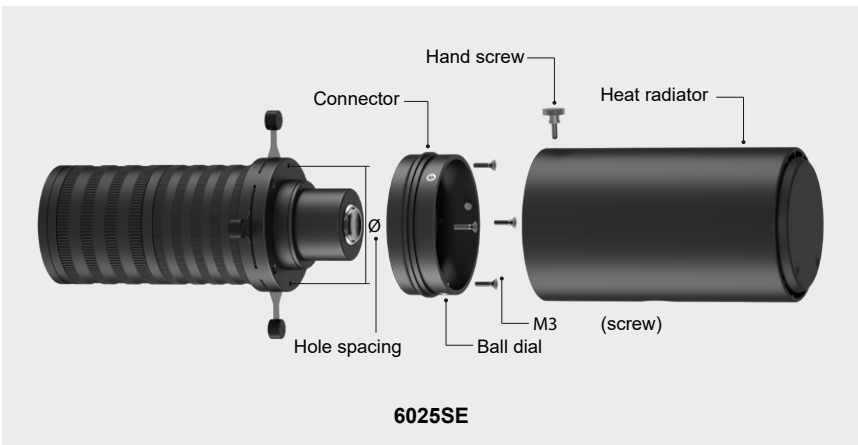


Specification parameter

Lens model	6025SE
Housing Colour	Black White
Beam angle range	15°-25°
Uniformity	80%
TV distortion	≤1.5%
Optical lens	8pcs
Light output rate	50%
Lens weight	545g
Filter specification	58mm
Protocol Support	 Zhaga
Projection resolution/sharpness	0.2/65%
Gobo size	17mm (Inside diameter) 31.2mm (Outside diameter)

Radiator connection

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



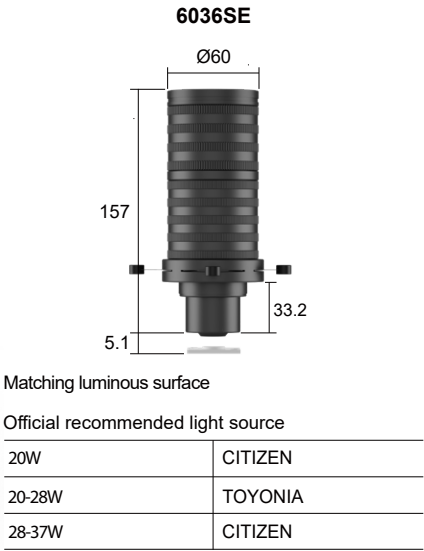
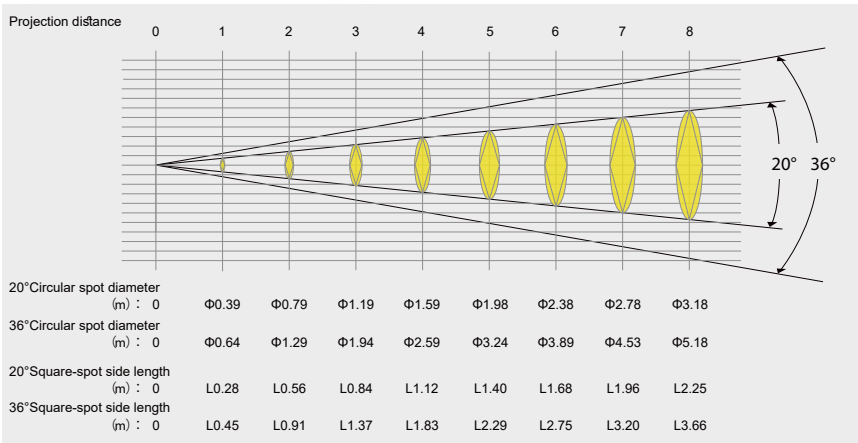
6025SE

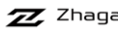


6036SE

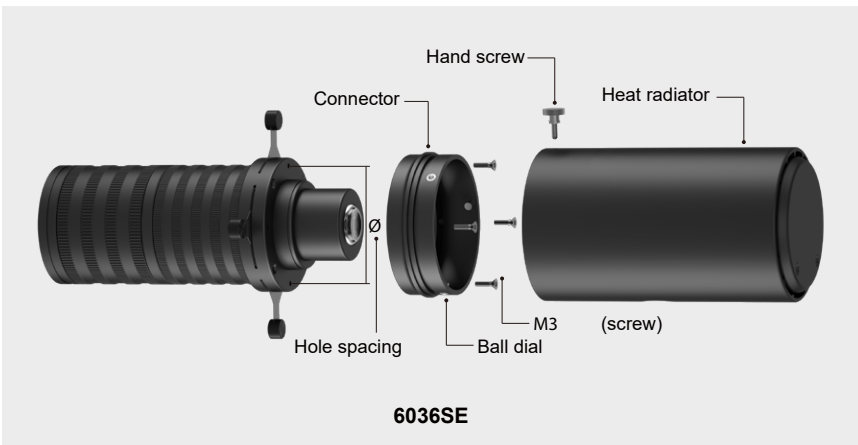


Specification parameter



Lens model	6036SE
Housing Colour	Black White
Beam angle range	20°-36°
Uniformity	80%
TV distortion	≤1.8%
Optical lens	10pcs
Light output rate	50%
Lens weight	610g
Filter specification	58mm
Protocol Support	 Zhaga
Projection resolution/sharpness	0.2/65%
Gobo size	17mm (Inside diameter) 31.2mm (Outside diameter)

Radiator connection



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