

COMMERCIAL LIGHTING SERIES

商业照明系列

LENS / 透镜 • REFLECTOR / 反光杯 • OPTIC MOLD / 光学模具

ABOUT US

达尔科成立于2009年,

我们是全球领先的LED光学器件制造商。

专注于光学设计、精密模具制造、精密注塑、纳米真空镀膜。

为客户提供快速的响应和服务。

同全球领先的LED制造商紧密的配套服务。

可提供最新LED的二次光学配套方案。

我们有超过3000种标准化产品和超20000方的生产基地,

并能提供5KKpcs/月产能服务支持,

在全球超60个国家和地区提供产品和技术服务。

Darkoo Optics Co., Ltd was established in 2009.

We are the global leader of LED optics manufacturer.

We are focus on optical design, mould design, high precision optical injection,
Nano vacuum coating.

We could provide quick response and service to customer.

Our product are compatible with the global leader of LED manufacturer.

We could provide secondary optics solution for the newest LED.

We have more than 3,000 standardized products and over 20,000 square meters production base.

Can provide 5KK productivity per month.

Our products and technical services are provided in more than 60 countries.



CONTENTS

鼎系列 TPIPOD SERIES	01	7S透镜 7S LENS	14	商系列 SHANG SERIES	27	多彩系列 COLORFUL SERIAL	40
翼系列 WING SERIES	02	K系列反光杯 K SERIES REFLECTOR	15	MINI 透镜 MINI LENS	28	天际灯 SKYLINE LIGHT	41
旭系列 XU SERIES	03	K-G2系列反光杯 K-G2 SERIES REFLECTOR	16	魏系列 WEI SERIES	29	哪吒 NEZHA	42
悟空1系列 WU KONG 1 SERIES	04	K2-G2系列反光杯 K2-G2 SERIES REFLECTOR	17	梁系列 LIANG SERIES	30	E-G2 E-G2	43
悟空2系列 WU KONG 2 SERIES	05	M1系列反光杯 M1 SERIES REFLECTOR	18	小精灵系列 ELF SERIES	31	背光透镜 Backlight lens	44
悟空3系列 WU KONG 3 SERIES	06	M1-G2系列反光杯 M1 SERIES REFLECTOR	19	小精灵-G2系列 ELF-G2 SERIES	32	山丘系列 HILL SERIES	45
极光系列1 POLAR LIGHT SERIES	07	超薄电镀透镜 ULTRATHIN LENS WITH COATING	20	眼镜蛇系列 COBRA SERIES	33	YU9系列 YU9 SERIES	46
极光系列2 POLAR LIGHT SERIES	08	影系列 YING SERIES	21	非凡系列 SUPER SERIES	34	18S系列 18S SERIES	47
灵镜系列 SPIRIT MIRROR SERIES	09	黑洞系列 DARK HOLE SERIES	22	烛系列 ZHU SERIES	35	H系列 H SERIES	48
蜂巢系列 HONEYCOMB SERIES	10	黑洞-G2系列 DARK HOLE SERIES	23	玻璃透镜系列 GLASS LENS SERIAL	36	Z系列 Z SERIES	49
银河系列 GALAXY SERIES	11	黑洞-G3系列 DARK HOLE SERIES	24	17S透镜 17S LENS	37	星空系列 Starry Sky Series	50
5S透镜 5S LENS	12	汉系列 HAN SERIES	25	19S透镜 19S LENS	38	眼镜蛇-C系列 Cobra-C Series	51
5S-G2透镜 5S-G2 LENS	13	SMART 系列 SMART SERIES	26	天际线 SKYLINE	39		



TRIPOD-SERIES

一款自带极致防眩的透镜系列
A lens with anti-glare design

◆ 特征 / FEATURES

- 符合ZHAGA标准的旋扣式安装，提升安装效率。
- 光学设计采用下沉出光面，费马螺旋阵列设计方式，解决射灯高眩光痛点。
- 针对双色温光源进行特别优化，解决调光调色光斑不均匀的痛点。
- 光束角齐全 15°/24°/36°/55°。
- 全系标配的平口防眩罩采用纳米磁控溅射镀膜工艺。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。

- Spiral installation with ZHAGA Compliance, to improve the assembly efficiency.
- The optical design adopts the sinking surface with Fermat spiral array design, to solve the issue of high glare of spotlights.
- Specially optimized for two-color temperature light source, to improve the performance of uneven dimming and toning spots.
- Beam angle: 15°/24°/36°/55°.
- The flat anti-glare cover adopts nano magnetron sputtering coating technology.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream COB from overseas and domestic brands.

◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR

- | | | | |
|---|---|---|---|
|  |  |  |  |
| 纯黑 | 纯白 | 亮银 | 枪黑 |
| BLACK | WHITE | SILVER | BLACK NICKEL |

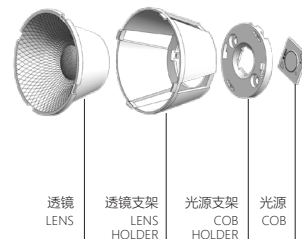
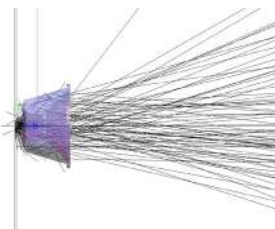
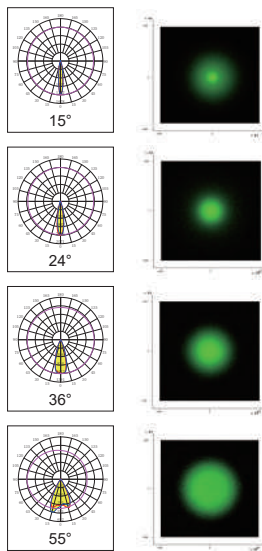
◆ 透镜尺寸 / LENS SIZE

Φ45.00mm --- H25.00mm	Φ62.00mm --- H33.00mm
Φ50.00mm --- H28.00mm	Φ70.00mm --- H37.30mm
Φ55.00mm --- H30.00mm	

◆ 遮光罩尺寸 / FRAME SIZE

Φ64.00mm --- H20.00mm	Φ92.00mm --- H28.50mm
Φ72.00mm --- H22.50mm	Φ102.00mm --- H31.30mm
Φ81.40mm --- H25.00mm	

◆ 角度 / ANGLE





◆ 特征 / FEATURES

- 符合ZHAGA标准的旋扣式安装，提升安装效率。
- 采用非涅尔光学设计，兼顾光学效果的同时实现超薄的透镜高度。
- 针对双色温光源进行特别优化，解决调光调色光斑不均匀的痛点。
- 光束角齐全，有15°/24°/38°/60°/P25°。
- 全系标配的平口防眩罩采用纳米磁控溅射镀膜工艺。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。
- Spiral installation with ZHAGA Compliance, to improve the assembly efficiency.
- Fresnel optical design, ultra-thin in height with excellent lighting effect.
- Specially optimized for two-color temperature light source, to improve the performance of uneven dimming and toning spots.
- Beam angle: 15°/24°/38°/60°/P25°.
- This series with flat mouth anti-dazzle cover, adopts nano magnetron sputtering coating process.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream
COB from overseas and domestic brands.

◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR

- | | | | |
|-------|-------|--------|--------------|
| | | | |
| 纯黑 | 纯白 | 亮银 | 枪黑 |
| BLACK | WHITE | SILVER | BLACK NICKEL |

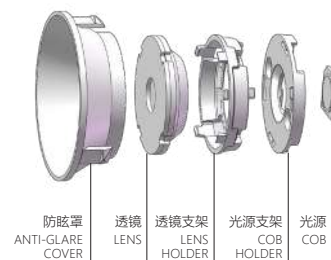
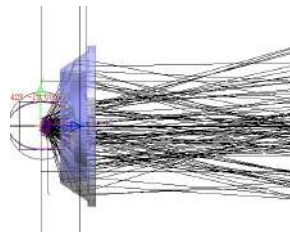
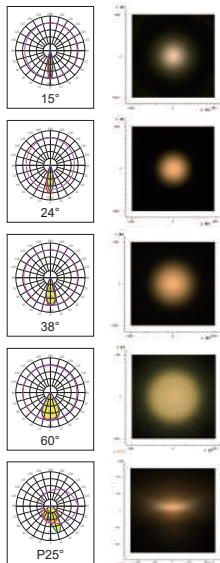
◆ 透镜尺寸 / LENS SIZE

Φ35.00mm --- H8.30mm	Φ70.00mm --- H12.60mm
Φ45.00mm --- H10.00mm	Φ90.00mm --- H18.20mm
Φ50.00mm --- H10.60mm	Φ117.00mm --- H25.00mm
Φ54.90mm --- H11.60mm	

◆ 遮光罩尺寸 / FRAME SIZE

Φ50.00mm --- H15.60mm	Φ81.40mm --- H25.00mm
Φ64.00mm --- H20.00mm	Φ102.30mm --- H31.30mm
Φ72.00mm --- H22.50mm	

◆ 角度 / ANGLE





XU - SERIES

一款自带防眩 高K值的透镜系列
A lens comes with anti-glare effect and high K value

◆ 特征 / FEATURES

- 采用行业首创的安装方式，装配灯具效率大大提升。
- 光学采用TIR全反射+费马螺旋阵列设计方式，中心照度提高的同时，余光光晕均匀过度。
- 针对双色温光源进行特别优化，解决调光调色光斑不均匀的痛点。
- 光束角齐全，有15° 24° 38°。
- 全系标配的平口防眩罩采用纳米磁控溅射镀膜工艺。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。

- Adopt the original installation design in the industry, which greatly improves the efficiency of luminaire assembly.
- The optical design of TIR total reflection + Fermat spiral array. The center illuminance increment, with excellent uniform peripheral halo.
- Specially optimized for two-color temperature light source, to improve the performance of uneven dimming and toning spots.
- Beam angle: 15° 24° 38°.
- All the standard flat-mouth anti-glare covers by the nano magnetron sputtering coating technology.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream
COB from overseas and domestic brands.

◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR

- | | | | |
|-------|-------|--------|--------------|
| ● | ○ | ● | ● |
| 纯黑 | 纯白 | 亮银 | 枪黑 |
| BLACK | WHITE | SILVER | BLACK NICKEL |

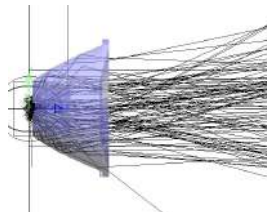
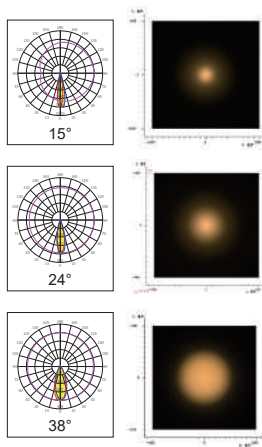
◆ 透镜尺寸 / LENS SIZE

Φ28.00mm --- H14.60mm	Φ55.00mm --- H32.80mm
Φ35.00mm --- H20.80mm	Φ62.00mm --- H37.00mm
Φ45.00mm --- H24.80mm	Φ69.00mm --- H40.80mm
Φ50.00mm --- H29.80mm	

◆ 遮光罩尺寸 / FRAME SIZE

Φ40.00mm --- H13.00mm	Φ81.40mm --- H25.00mm
Φ50.00mm --- H15.60mm	Φ92.00mm --- H28.50mm
Φ64.00mm --- H20.00mm	Φ102.00mm --- H31.30mm
Φ72.00mm --- H22.50mm	

◆ 角度 / ANGLE



悟空

BOOK 10

一款简易的无极变焦透镜系列
A series of lens with Infinitely adjustable beams

特征 / FEATURES

- 符合ZHAGA标准的旋扣式安装，提升安装效率。
- 光学采用类似舞台灯变焦灯的设计思路，通过旋转上透镜实现无极变焦的效果。
- 针对双色温光源进行特别优化，解决调光调色光斑不均匀的痛点。
- 光束角 可无极三倍光束角变焦。
- 全系列采用进口光学级材料制作。

- Spiral installation with ZHAGA Compliance, to improve the assembly efficiency.
- The optics adopts a design idea from stage lights and zoom lights, to be rotated to achieve the effect of infinite beam angle adjustment.
- Specially optimized for two-color temperature light source, to improve the performance of uneven dimming and toning spots.
- The lens beam angle adjustable from 20° to 50°
- Made of imported optical level material.

光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream COB from overseas and domestic brands.

透镜尺寸 / LENS SIZE

上透镜: $\phi 34.90\text{mm}$ --- H4.10mm
下透镜: $\phi 34.90\text{mm}$ --- H8.35mm

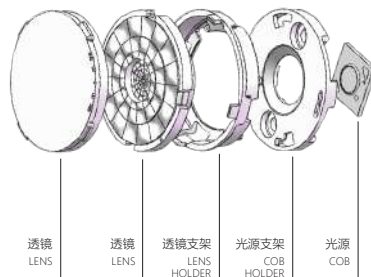
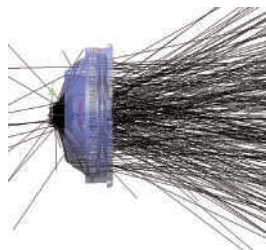
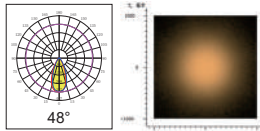
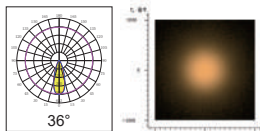
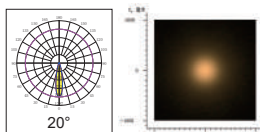
上透镜: $\phi 44.90\text{mm}$ --- H5.30mm
下透镜: $\phi 44.90\text{mm}$ --- H10.00mm

上透镜: $\phi 49.90\text{mm}$ --- H4.30mm
下透镜: $\phi 49.90\text{mm}$ --- H11.70mm

上透镜: $\phi 69.90\text{mm}$ --- H6.20mm
下透镜: $\phi 69.90\text{mm}$ --- H12.70mm

上透镜: $\phi 89.90\text{mm}$ --- H1.50mm
下透镜: $\phi 89.90\text{mm}$ --- H26.60mm

角度 / ANGLE



悟空

2

一款简易的无极变焦透镜系列
A series of lens with infinitely adjustable beams

◆ 特征 / FEATURES

- 符合ZHAGA标准的旋扣式安装，提升安装效率。
- 光学采用类似舞台灯变焦灯的设计思路，通过旋转上透镜实现无极三倍变焦的效果。
- 针对双色温光源进行特别优化，解决调光调色光斑不均匀的痛点。
- 光束角 可无极三倍光束角变焦。
- 全系列采用进口光学级材料制作。

- Spiral installation in accordance with ZHAGA standards, improving installation efficiency.
- The optics adopts a design idea similar to that of stage lights and zoom lights, and the lens can be rotated to achieve the effect of infinite three-fold zoom.
- Specially optimized for dual color temperature light sources, solve the problems of uneven dimming and toning spots.
- The lens can be infinitely adjustable beam from 20 to 50 degrees
- Made of imported optical grade material.

◆ 光源支架 / COB HOLDER

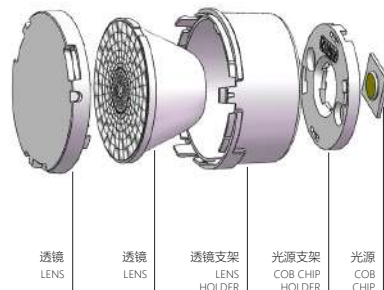
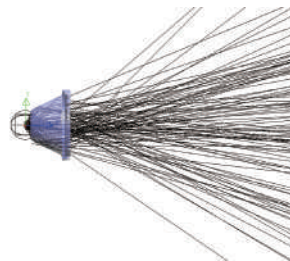
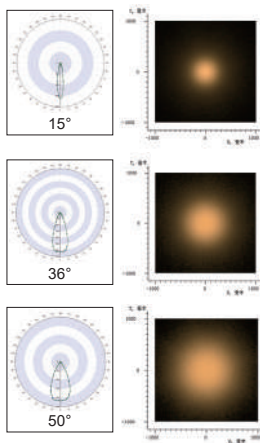
匹配国际国内市场主流品牌光源的支架均已开发完成。
Compatible with the mainstream LED chip worldwide.

◆ 透镜尺寸 / LENS SIZE

上透镜: $\phi 45.45\text{mm}$ --- H5.25mm
下透镜: $\phi 40.45\text{mm}$ --- H22.7mm

上透镜: $\phi 70.10\text{mm}$ --- H5.25mm
下透镜: $\phi 64.70\text{mm}$ --- H35.00mm

◆ 角度 / ANGLE



悟空

3

一款简易的无极变焦透镜系列
A series of lens with infinitely adjustable beams

◆ 特征 / FEATURES

- 符合ZHAGA标准的旋扣式安装，提升安装效率。
- 光学采用类似舞台灯变焦灯的设计思路，通过旋转上透镜实现无极三倍变焦的效果。
- 针对双色温光源进行特别优化，解决调光调色光斑不均匀的痛点。
- 光束角 可无极三倍光束角变焦。
- 全系列采用进口光学级材料制作。
- Spiral installation in accordance with ZHAGA standards, improving installation efficiency.
- The optics adopts a design idea similar to that of stage lights and zoom lights, and the lens can be rotated to achieve the effect of infinite three-fold zoom.
- Specially optimized for dual color temperature light sources, solve the problems of uneven dimming and toning spots.
- The lens can be infinitely adjustable beam from 20 to 50 degrees
- Made of imported optical grade material.

◆ 光源支架 / COB HOLDER

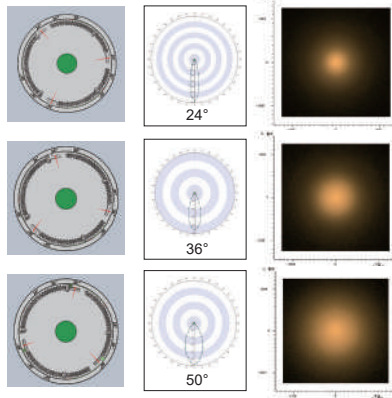
匹配国际国内市场主流品牌光源的支架均已开发完成。
Compatible with the mainstream LED chip worldwide.

◆ 透镜尺寸 / LENS SIZE

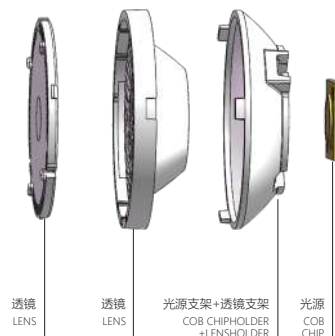
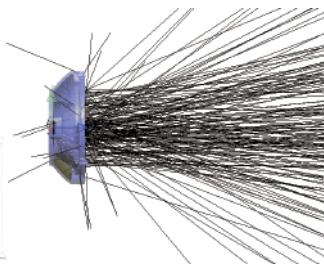
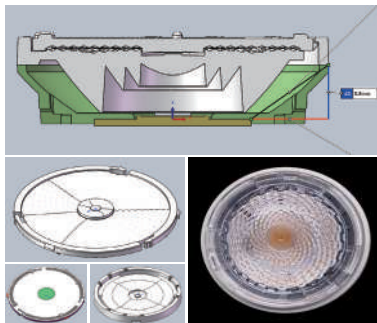
上透镜: $\varnothing 45\text{mm}$ --- H14mm

下透镜: $\varnothing 45\text{mm}$ --- H14mm

◆ 角度 / ANGLE



◆ 应用 / APPLICATION





一款应用于氛围照明的透镜系列
A kind of lens that apply to atmosphere lighting

◆ 特征 / FEATURES

- 透镜与支架旋扣式安装，提升安装效率。
- 光学设计在兼顾下照光的同时，控制20%光向上反射，解决天花板偏暗的痛点。
- 应用于磁吸吊灯，落地灯，台灯，GU10模组。
- 支持为客户定制专属颜色。
- 针对双色温光源进行特别优化，解决调光调色光斑不均匀的痛点。
- 光束角 38°。
- 全系列采用进口光学级材料制作。

- Rotation installation lens with holder, improving assembly efficiency.
- Unique optical design to have 20% lumen output upward to light up the ceiling.
- Application for magnetic lighting system, floor light, table light, GU10 light source.
- Availability of various color customizations according to customer design.
- Design for Tunable white application, having quite good color mixing performance and excellent light pattern.
- Beam angle: 38°.
- Made of imported optical level material.

◆ 光源支架 / COB HOLDER

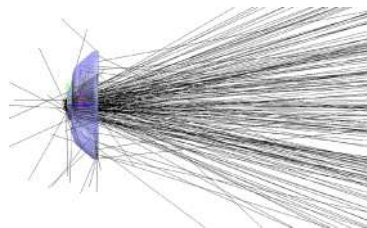
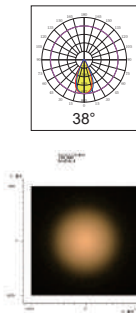
匹配国际国内市场主流品牌光源的支架均已开发完成。

Compliance with the mainstream
COB from overseas and domestic brands.

◆ 透镜尺寸 / LENS SIZE

Φ50.00mm --- H16.00mm
Φ70.00mm --- H20.00mm
Φ90.00mm --- H25.00mm
Φ135.00mm --- H33.00mm

◆ 角度 / ANGLE





一款应用于装饰氛围照明的透镜系列

A kind of lens that apply to decoration and atmosphere lighting

◆ 特征 / FEATURES

- 透镜与支架旋扣式安装，提升安装效率。
- 光学设计采用导光技术，实现整体透镜通透的美观效果。
- 应用于磁吸吊灯，落地灯，台灯，GU10模组。
- 支持为客定制专属颜色。
- 针对双色温光源进行特别优化，解决调光调色光斑不均匀的痛点。
- 光束角 38°。
- 全系列采用进口光学级材料制作。

- Rotation installation lens with holder, improving assembly efficiency.
- Light Guide Design for the pretty outlook of the lens transparency.
- Application for magnetic lighting system, floor light, table light, GU10 light source.
- Availability of various color customizations according to customer design.
- Design for Tunable white application, having quite good color mixing performance and excellent light pattern.
- Beam angle: 38°.
- Made of imported optical level material.

◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。

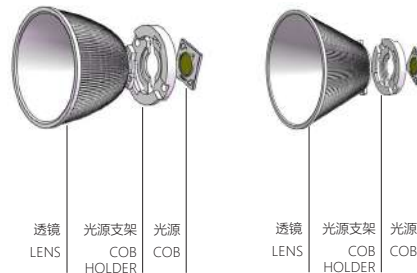
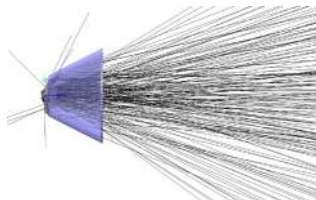
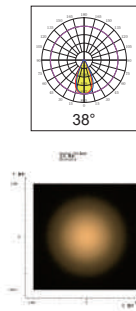
Compliance with the mainstream

COB from overseas and domestic brands.

◆ 透镜尺寸 / LENS SIZE

Φ50.00mm --- H36.50mm
Φ70.00mm --- H46.00mm

◆ 角度 / ANGLE





一款可变光型的透镜系列
A variable lighting effect lens series

◆ 特征 / FEATURES

- 旋扣式安装，提升安装效率。
- 采用菲涅尔+全反射光学设计，兼顾光学效果的同时实现超薄的透镜高度。
- 通过更换表面盖板改变光型，可实现中角度，大角度，椭圆，单偏，双偏，防眩等各种光型。
- 光束角齐全，有10°/24°/36°/10°x60°/P20°/RL20°。
- 全系列采用进口光学级材料制作。
- Swivel buckle installation, to improve assembly efficiency.
- The Fresnel+ Total Internal Reflection design to achieve ultra-thin lens with excellent optical effect.
- Changing the surface cap to have the various lighting effects, such as narrow angle, medium angle, wide angle, ellipse, single asymmetric, double asymmetric, anti glare, etc.
- Beam angle: 10°/24°/36°/10°x60°/P20°/RL20°.
- Made of imported optical level material.

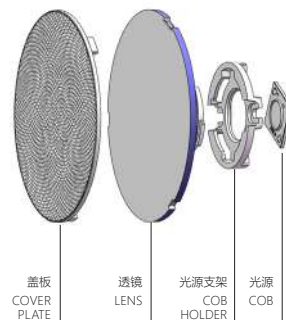
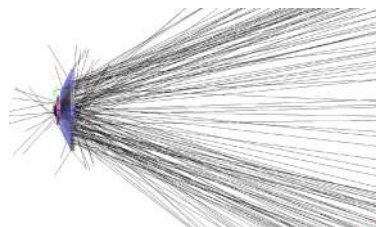
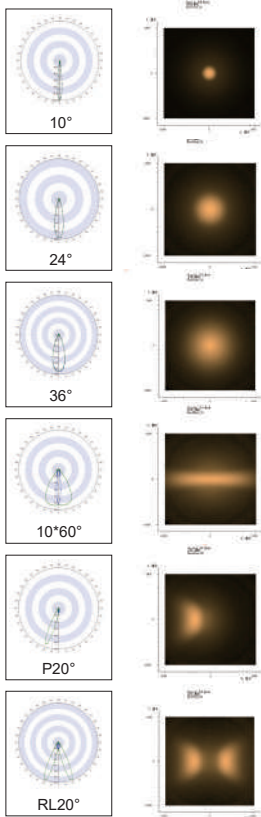
◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream COB from overseas and domestic brands.

◆ 透镜尺寸 / LENS SIZE

Φ50.00mm --- H11.00mm
Φ70.00mm --- H14.00mm
Φ90.00mm --- H18.00mm

◆ 角度 / ANGLE



蜂巢系列 Honeycomb Series

一款超薄的防眩组合透镜系列
An ultra-thin anti-glare combination lens series

◆ 特征 / FEATURES

- 将组合透镜与防眩蜂窝结合实现超薄厚度。
- 折射光学设计根据蜂窝开发，使光线投射到任何空间。
- 适用于嵌入式/明装类与轨道类灯具。
- 光束角齐全 60°/90°。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。
- Combining a combination lens with an anti-glare honeycomb, to achieve ultra-thin thickness.
- The refraction optics design is developed according to honey comb, allowing light to be cast into any space.
- Suitable for recessed, surface and track light.
- Beam Angle: 60°/90°.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

◆ 光源 / LED CHIP

3030 / 2835

◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR

- 纯黑
BLACK
- 纯白
WHITE
- 亮银
SILVER
- 枪黑
BLACK NICKEL

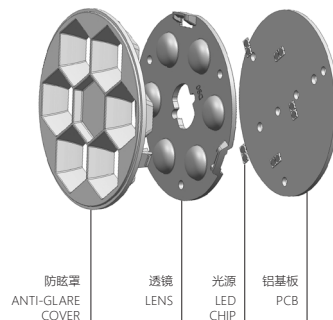
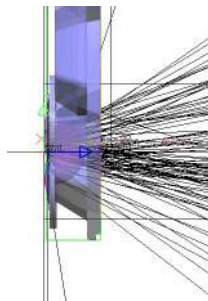
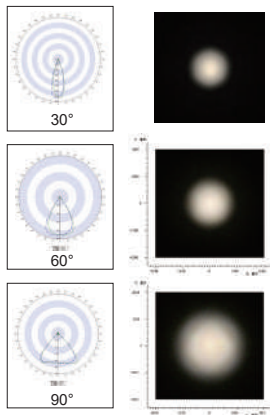
◆ 透镜尺寸 / LENS SIZE

Φ49.00mm Φ116.00mm
Φ66.00mm Φ146.00mm
Φ88.00mm

◆ 遮光罩尺寸 / FRAME SIZE

Φ50.00mm Φ120.00mm
Φ70.00mm Φ150.00mm
Φ92.00mm

◆ 角度 / ANGLE





Galaxy Series

一款超薄的防眩线条灯系列

A kind of ultra-thin linear lens with anti-glare cover

◆ 特征 / FEATURES

- 光学整体厚度仅有10.5MM。
- 针对双色温光源进行特别优化，解决调光调色光斑不均匀的痛点。
- 光束角齐全有60°/90°/30°x90°/P20°。
- 全系列采用进口光学级材料制作。
- 已开发多种组合。
- 镀膜车间为自有的万级无尘电镀车间。

- Ultra-thin thickness 10.5mm for the finished goods.
- Design for Tunable White application, having quite good color mixing performance and excellent light pattern.
- Beam angle: 60°, 90°, 30°x90°, P20°
- Made of imported optical level material.
- Maximum 2pcs 3030/2835 and 1pcs 3535/5050 LED package, inside 1 lens hole
- Electroplating in the Class 10,000 clean room.

◆ 光源 / LED CHIP

3030 / 2835

◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR

- 纯黑
BLACK
- 纯白
WHITE
- 亮银
SILVER
- 枪黑
BLACK NICKEL

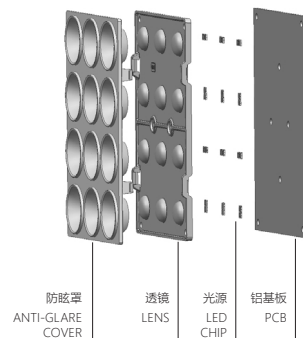
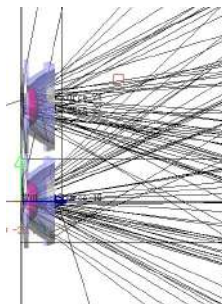
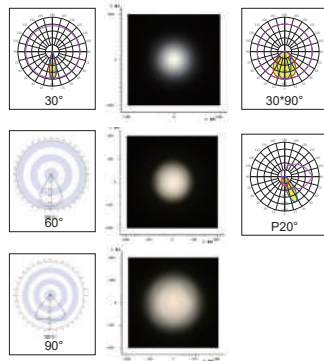
◆ 透镜尺寸 / LENS SIZE

113.00*55.00mm --- H5.10mm
113.00*84.00mm --- H5.10mm
170.00*27.00mm --- H5.10mm
170.00*55.00mm --- H5.10mm
170.00*84.00mm --- H5.10mm
Φ27.00mm --- H5.10mm

◆ 遮光罩尺寸 / FRAME SIZE

114.00X57.00mm --- H8.50mm
171.00X57.00mm --- H8.50mm
114.00X86.00mm --- H8.50mm
171.00X86.00mm --- H8.50mm
Φ28.00mm --- H8.50mm

◆ 角度 / ANGLE



5S透镜 / 5S LENS

一款经典商照透镜系列

A series of lens apply to classic commercial lighting

◆ 特征 / FEATURES

- 行业首创透镜与支架旋扣式安装，提升安装效率。
- 光学设计采用全反射+菲涅尔-显著提升光斑均匀度。
- 应用于筒灯，PAR灯，象鼻灯，轨道灯。
- 全系光束角齐全 15°/24°/38°/60°
- 全系列采用进口光学级材料制作。

- Rotation installation lens with holder, improving assembly efficiency.
- With TIR and Fresnel optical design, significantly improve light pattern uniformity.
- Application for the down lights, PAR lamps, rotatable recessed down lights, track lights etc.
- Beam angle: 15°, 24°, 38° and 60°.
- Made of imported optical level material.

◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream
COB from overseas and domestic brands.

◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR

- | | | | |
|---|---|---|---|
|  |  |  |  |
| 纯黑 | 纯白 | 亮银 | 枪黑 |
| BLACK | WHITE | SILVER | BLACK NICKEL |

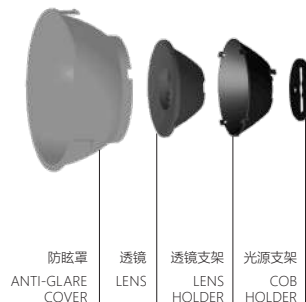
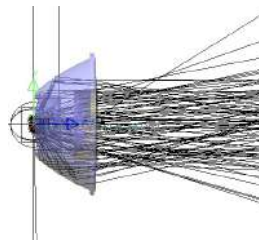
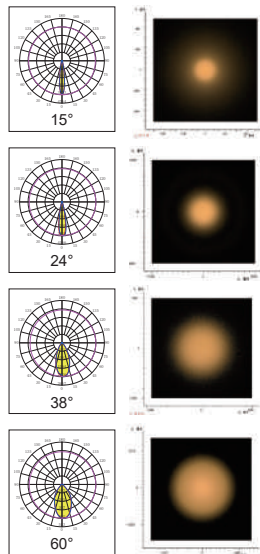
◆ 透镜尺寸 / LENS SIZE

Φ45.00mm --- H21.50mm	Φ72.00mm --- H29.50mm
Φ50.00mm --- H21.50mm	Φ75.00mm --- H29.50mm
Φ55.00mm --- H21.50mm	Φ81.00mm --- H29.50mm
Φ55.00mm --- H26.00mm	Φ90.00mm --- H35.00mm
Φ62.00mm --- H22.97mm	

◆ 遮光罩尺寸 / FRAME SIZE

Φ75.00mm --- H22.50mm	Φ112.00mm --- H35.00mm
Φ82.00mm --- H31.00mm	Φ114.00mm --- H47.00mm
Φ84.00mm --- H40.00mm	Φ122.00mm --- H36.00mm
Φ92.00mm --- H27.00mm	

◆ 角度 / ANGLE



5S-G2透镜 / 5S-G2 LENS

经典之作，全面升级，创新之路，永无止境
Generation upgrade of the masterpiece Endless innovation and creations for optics.

◆ 特征 / FEATURES

- ZHAGA标准装配，更换灵活，提升安装效率。
- 光学设计采用全反射-显著提升光斑均匀度。
- 高光效、高光强、低眩光、等照度。
- 应用于筒灯，PAR灯，象鼻灯，轨道灯。
- 全系光束角齐全 15°/24°/38°/60°
- 全系列采用进口光学级材料制作。
- ZHAGA standard compliance, flexible replacement and optimized assembly efficienc.
- With TIR optical design, significantly improving light pattern uniformity.
- High light efficiency, high light intensity, low glare, uniform illumination.
- Application for the down lights, PAR lamps, rotatable recessed down lights, track lights etc.
- Beam angle: 15°, 24°, 38° and 60°.
- Made of imported optical level material.

◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream COB from overseas and domestic brands.

◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR

- | | | | |
|---|---|---|---|
|  |  |  |  |
| 纯黑
BLACK | 纯白
WHITE | 亮银
SILVER | 枪黑
BLACK NICKEL |

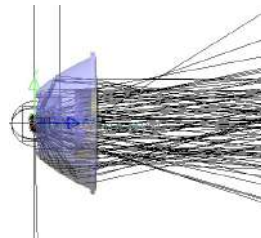
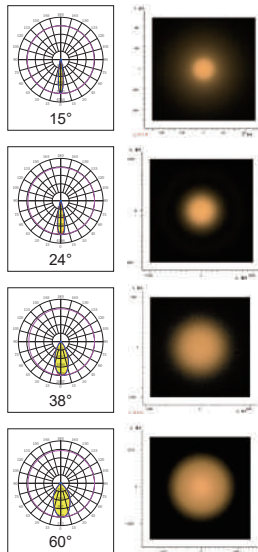
◆ 透镜尺寸 / LENS SIZE

Φ40.00mm	Φ69.00mm
Φ45.00mm	Φ75.00mm
Φ50.00mm	Φ81.00mm
Φ55.00mm	Φ90.00mm
Φ62.00mm	

◆ 遮光罩尺寸 / FRAME SIZE

Φ75.00mm	Φ112.00mm
Φ82.00mm	Φ114.00mm
Φ84.00mm	Φ122.00mm
Φ92.00mm	

◆ 角度 / ANGLE



7S透镜 / 7S LENS

一款高照度的混光透镜系列

A series of lens with high intensity of illumination and smooth mixed light

◆ 特征 / FEATURES

- 符合ZHAGA标准。
- 透镜与支架旋扣式安装，提升安装效率。
- 光学设计采用全反射+全珠面对使用双色温光源光斑均匀度与照度值显著提升。
- 应用于筒灯，射灯，象鼻灯，轨道灯。
- 全系光束角齐全 15°/24°/38°。
- 全系列采用进口光学级材料制作。
- ZHAGA Compliance.
- Rotation installation lens with holder, improving assembly efficiency.
- With TIR and Fresnel optical design, significantly improve light pattern uniformity.
- Application for the down lights, PAR lamps, rotatable recessed down lights, track lights etc.
- Beam angle: 15°, 24°, 38°.
- Made of imported optical level material.

◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream COB from overseas and domestic brands.

◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR

- | | | | |
|-------|-------|--------|--------------|
| ● | ○ | ● | ● |
| 纯黑 | 纯白 | 亮银 | 枪黑 |
| BLACK | WHITE | SILVER | BLACK NICKEL |

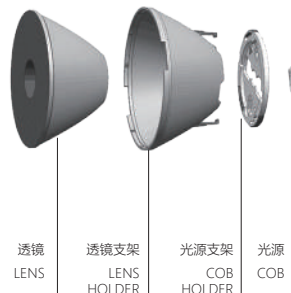
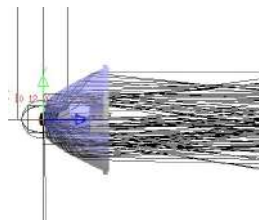
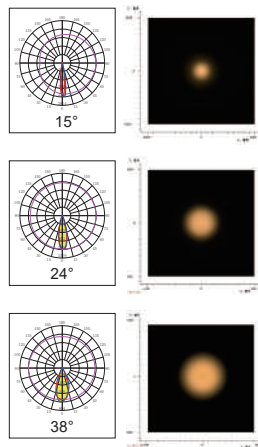
◆ 透镜尺寸 / LENS SIZE

Φ25.00mm --- H13.58mm	Φ55.00mm --- H29.55mm
Φ35.00mm --- H18.55mm	Φ62.00mm --- H33.50mm
Φ45.00mm --- H24.55mm	Φ69.00mm --- H37.55mm
Φ50.00mm --- H27.56mm	Φ75.00mm --- H40.54mm

◆ 遮光罩尺寸 / FRAME SIZE

Φ50.00mm --- H19.50mm	Φ92.00mm --- H27.00mm
Φ69.00mm --- H25.00mm	Φ112.00mm --- H35.00mm
Φ75.00mm --- H22.50mm	Φ114.00mm --- H47.00mm
Φ82.00mm --- H31.00mm	Φ112.00mm --- H36.00mm
Φ84.00mm --- H40.00mm	

◆ 角度 / ANGLE





系列反光杯 / K SERIES REFLECTOR

一款经典商照反光杯系列
A classic commercial reflector series

特征 / FEATURES

- 符合ZHAGA标准。
- 反光杯与支架旋扣式安装，提升安装效率。
- 采用纳米磁控溅射镀膜工艺，反射率可达95%。
- 10余种尺寸可供选择。
- 全系光束角齐全 15°/24°/38°/ 60°。
- 全系标配光面盖板+沙面盖板。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。
- ZHAGA Compliance.
- Rotation installation lens with holder, improving assembly efficiency.
- Thanking nano magnetron sputtering coating process, the efficiency can achieve 95%.
- More than 10 dimensions available.
- Beam angle: 15°/24°/38°/ 60°.
- With clear or frost cover.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream
COB from overseas and domestic brands.

遮光罩颜色 / ANTI-GLARE COVER COLOR

- | | | | |
|-------|-------|--------|--------------|
| | | | |
| 纯黑 | 纯白 | 亮银 | 枪黑 |
| BLACK | WHITE | SILVER | BLACK NICKEL |

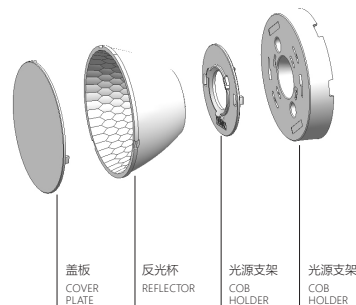
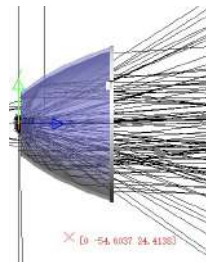
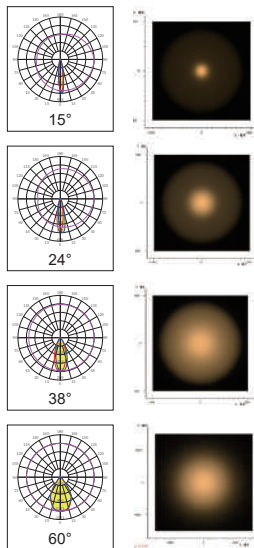
反光杯尺寸 / REFLECTOR SIZE

Φ28.00mm --- H18.30mm	Φ85.00mm --- H44.40mm
Φ42.00mm --- H25.40mm	85.00mm --- H53.00mm
Φ45.00mm --- H27.30mm	Φ92.00mm --- H44.30mm
Φ50.00mm --- H30.70mm	Φ92.00mm --- H57.60mm
Φ69.00mm --- H36.00mm	Φ95.00mm --- H66.40mm
Φ75.00mm --- H44.40mm	Φ110.00mm --- H44.30mm
Φ83.80mm --- H44.00mm	Φ110.00mm --- H69.67mm

遮光罩尺寸 / FRAME SIZE

Φ75.00mm --- H22.50mm	Φ164.00mm --- H88.00mm
Φ84.00mm --- H40.00mm	Φ184.00mm --- H104.00mm
Φ114.00mm --- H47.00mm	Φ204.00mm --- H116.00mm
Φ124.00mm --- H52.00mm	Φ164.00mm --- H88.00mm

角度 / ANGLE



K-G2

升级系列反光杯 / K-G2 SUPER UPGRADE REFLECTORS

一款经典商照反光杯系列

A classic commercial reflector series

特征 / FEATURES

- 符合ZHAGA标准。
- 反光杯与支架旋扣式安装，提升安装效率。
- 全新升级，等照度设计。
- 采用纳米磁控溅射镀膜工艺，反射率可达95%。
- 10余种尺寸可供选择。
- 全系光束角齐全 15°/24°/38°/ 60°。
- 全系标配光面盖板+沙面盖板。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。
- ZHAGA Compliance.
- Rotation installation lens with holder, improving assembly efficiency.
- Super upgrade, Equal illumination design
- Thanking nano magnetron sputtering coating process, the efficiency can achieve 95%.
- More than 10 dimensions available.
- Beam angle: 15°/24°/38°/ 60°.
- With clear or frost cover.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream
COB from overseas and domestic brands.

遮光罩颜色 / ANTI-GLARE COVER COLOR

- | | | | |
|-------|-------|--------|--------------|
| ● | ○ | ● | ● |
| 纯黑 | 纯白 | 亮银 | 枪黑 |
| BLACK | WHITE | SILVER | BLACK NICKEL |

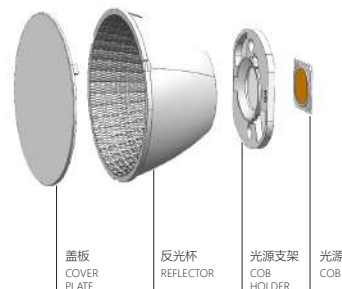
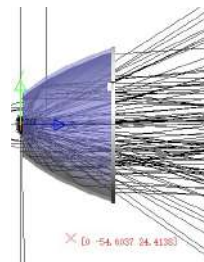
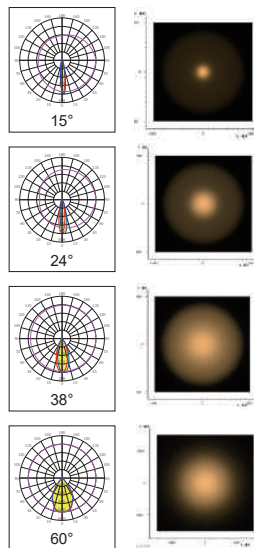
反光杯尺寸 / REFLECTOR SIZE

Φ42.00mm --- H25.40mm	Φ75.00mm --- H44.00mm
Φ45.00mm --- H27.30mm	Φ85.00mm --- H44.10mm
Φ50.00mm --- H30.70mm	Φ92.00mm --- H43.70mm
Φ63.00mm --- H30.70mm	Φ95.00mm --- H66.40mm
Φ69.00mm --- H36.00mm	Φ110.00mm --- H44.00mm

遮光罩尺寸 / FRAME SIZE

Φ75.00mm --- H22.50mm	Φ164.00mm --- H88.00mm
Φ84.00mm --- H40.00mm	Φ184.00mm --- H104.00mm
Φ114.00mm --- H47.00mm	Φ204.00mm --- H116.00mm
Φ124.00mm --- H52.00mm	

角度 / ANGLE



K2-G2

升级系列反光杯 / K-G2 SUPER UPGRADE REFLECTORS

一款经典商用反光杯系列
A classic commercial reflector series

◆ 特征 / FEATURES

- 符合ZHAGA标准。
- 反光杯与支架旋扣式安装，提升安装效率。
- 全新升级，等照度设计。
- 采用纳米磁控溅射镀膜工艺，反射率可达95%。
- 10余种尺寸可供选择。
- 全系光束角齐全 15°/24°/38°/ 60°。
- 全系标配光面盖板+沙面盖板。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。
- ZHAGA Compliance.
- Rotation installation lens with holder, improving assembly efficiency.
- Super upgrade, Equal illumination design
- Thanking nano magnetron sputtering coating process, the efficiency can achieve 95%.
- More than 10 dimensions available.
- Beam angle: 15°/24°/38°/ 60°.
- With clear or frost cover.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream
COB from overseas and domestic brands.

◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR

- | | | | |
|-------|-------|--------|--------------|
| ● | ○ | ● | ● |
| 纯黑 | 纯白 | 亮银 | 枪黑 |
| BLACK | WHITE | SILVER | BLACK NICKEL |

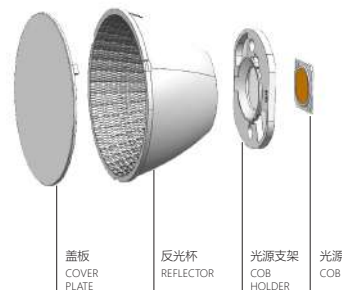
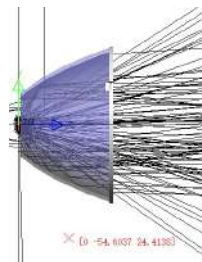
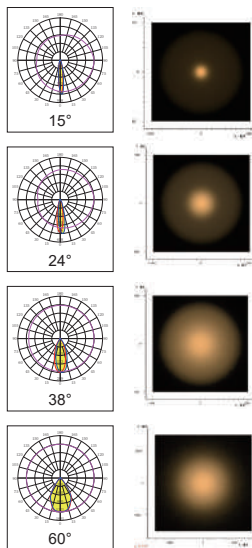
◆ 反光杯尺寸 / REFLECTOR SIZE

Φ45.00mm	Φ92.00mm
Φ75.00mm	Φ95.00mm
Φ85.00mm	Φ110.00mm

◆ 遮光罩尺寸 / FRAME SIZE

Φ124.00mm --- H52.00mm	Φ204.00mm --- H116.00mm
Φ164.00mm --- H88.00mm	Φ164.00mm --- H88.00mm
Φ184.00mm --- H104.00mm	

◆ 角度 / ANGLE



M1 系列反光杯 / M1 SERIES REFLECTOR

一款深防眩的反光杯系列 / An anti-glare reflector series

◆ 特征 / FEATURES

- 符合ZHAGA标准。
- 反光杯与支架旋扣式安装，提升安装效率。
- 全系采用纳米磁控溅射镀膜工艺，反射率可达95%。
- 采用光学面螺旋上升设计，提升产品美观。
- 全系光束角齐全 15°/24°/38°。
- 全系标配特制魔术盖板。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。
- ZHAGA Compliance.
- Rotation installation lens with holder, improving assembly efficiency.
- Thanking nano magnetron sputtering coating process, the efficiency can achieve 95%.
- Spiral optical surface design for the pretty appearance.
- Beam angle: 15°/24°/38°.
- With clear or frost cover.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream
COB from overseas and domestic brands.

◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR

- | | | | |
|---|---|---|---|
|  |  |  |  |
| 纯黑 | 纯白 | 亮银 | 枪黑 |
| BLACK | WHITE | SILVER | BLACK NICKEL |

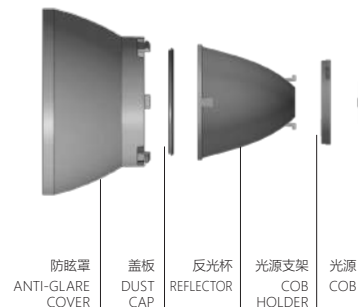
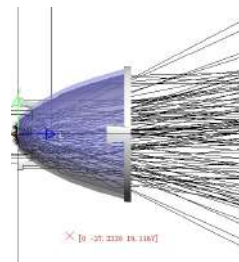
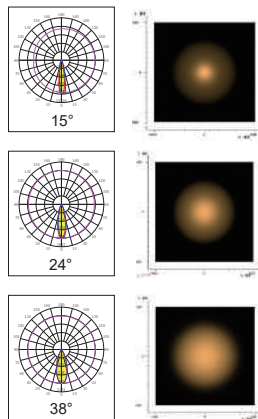
◆ 反光杯尺寸 / REFLECTOR SIZE

Φ25.00mm --- H18.55mm	Φ50.00mm --- H41.65mm
Φ28.00mm --- H18.36mm	Φ63.00mm --- H53.65mm
Φ35.00mm --- H26.25mm	Φ69.00mm --- H58.65mm
Φ42.00mm --- H32.65mm	Φ75.00mm --- H63.65mm
Φ45.00mm --- H36.65mm	Φ85.00mm --- H68.65mm

◆ 遮光罩尺寸 / FRAME SIZE

Φ50.00mm --- H19.50mm	Φ92.00mm --- H27.00mm
Φ55.00mm --- H30.00mm	Φ114.00mm --- H47.00mm
Φ75.00mm --- H22.50mm	Φ124.00mm --- H52.00mm
Φ82.00mm --- H31.00mm	Φ164.00mm --- H88.00mm
Φ84.00mm --- H40.00mm	

◆ 角度 / ANGLE



M1-G2

系列反光杯 / M1-G2 SERIES REFLECTOR

一款经典商照反光杯系列
A classic commercial reflector series

特征 / FEATURES

- 符合ZHAGA标准。
- 反光杯与支架旋扣式安装，提升安装效率。
- 采用纳米磁控溅射镀膜工艺，反射率可达95%。
- 10余种尺寸可供选择。
- 全系光束角齐全 15°/24°/38°/ 60°。
- 全系标配光面盖板+沙面盖板。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。
- ZHAGA Compliance.
- Rotation installation lens with holder, improving assembly efficiency.
- Thanking nano magnetron sputtering coating process, the efficiency can achieve 95%.
- More than 10 dimensions available.
- Beam angle: 15°/24°/38°/ 60°.
- With clear or frost cover.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream
COB from overseas and domestic brands.

遮光罩颜色 / ANTI-GLARE COVER COLOR

- | | | | |
|---|---|---|---|
|  |  |  |  |
| 纯黑
BLACK | 纯白
WHITE | 亮银
SILVER | 枪黑
BLACK NICKEL |

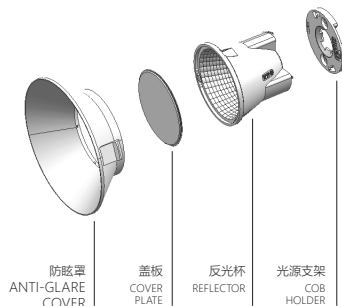
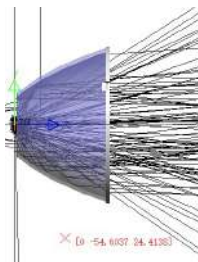
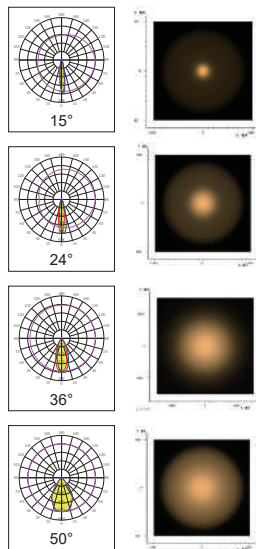
反光杯尺寸 / REFLECTOR SIZE

Φ45.00mm	Φ63.00mm	Φ75.00mm
Φ50.00mm	Φ69.00mm	Φ85.00mm

遮光罩尺寸 / FRAME SIZE

Φ75.00mm	Φ92.00mm	Φ164.00mm
Φ82.00mm	Φ114.00mm	
Φ84.00mm	Φ124.00mm	

角度 / ANGLE



超薄电镀透镜

ULTRATHIN LENS WITH COATING

一款超薄的电镀透镜系列
Ultra-thin coating lens series

◆ 特征 / FEATURES

- 符合ZHAGA标准。
- 透镜与支架插入式安装，提升安装效率。
- 透镜采用全反射设计，背面纳米磁控溅射镀膜工艺，反射率可达95%。
- 产品外观美观。
- 全系光束角齐全 15°/24°/38°。
- 标配免焊支架。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。

- ZHAGA Compliance.
- Plug-in mounting design for the lens and holder, to improve installation efficiency.
- Thanking nano magnetron sputtering coating process, the efficiency can achieve 95%.
- Pretty appearance.
- Beam angle: 15°/24°/38°.
- Solderless holder.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

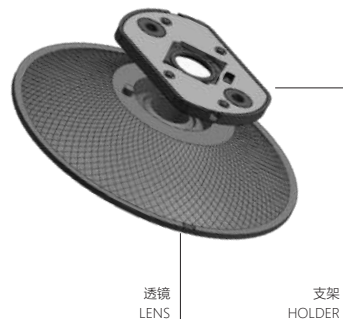
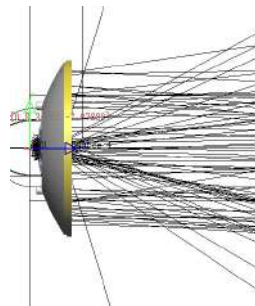
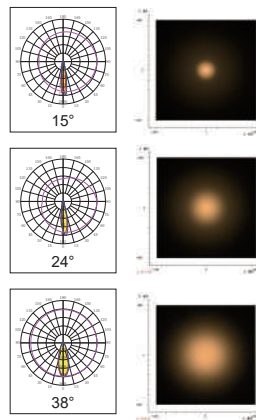
◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream
COB from overseas and domestic brands.

◆ 透镜尺寸 / LENS SIZE

Φ34.60mm --- H7.30mm
Φ41.80mm --- H8.30mm
Φ44.00mm --- H8.80mm
Φ44.80mm --- H8.27mm
Φ50.00mm --- H9.80mm
Φ60.80mm --- H9.60mm
Φ69.00mm --- H11.20mm
Φ75.00mm --- H13.00mm
Φ90.00mm --- H17.60mm

◆ 角度 / ANGLE





影系列 YING SERIES

一款专用于洗墙灯的透镜系列
A lens series for wall washer light

◆ 特征 / FEATURES

- 透镜杯与支架一体设计，提升安装效率。
- 采用费马螺旋阵列+表面微结构设计实现光斑更均匀。
- 针对室内洗墙灯设计，解决室内洗墙灯多层光斑痛点。
- 全系光束角齐全 8°/15°/24°/38°/ 55°。
- 全系列标配平口防眩罩/斜口防眩罩。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。
- Combining lens holder with LED holder, to improve luminaire assembly efficiency.
- The optical design of the micro-structure design surface with Fermat spiral array design for the better light pattern uniformity.
- Optimization for wall washer light to solve the issue of multi-layer spots.
- Beam angle: 8°/15°/24°/38°/55°.
- Standard flat anti-glare cover/diagonal anti-glare cover.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream
COB from overseas and domestic brands.

◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR

- | | | | |
|-------|-------|--------|--------------|
| | | | |
| 纯黑 | 纯白 | 亮银 | 枪黑 |
| BLACK | WHITE | SILVER | BLACK NICKEL |

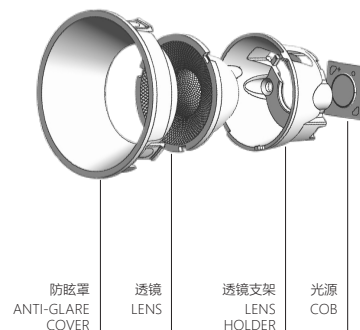
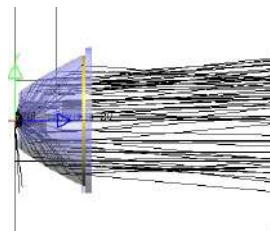
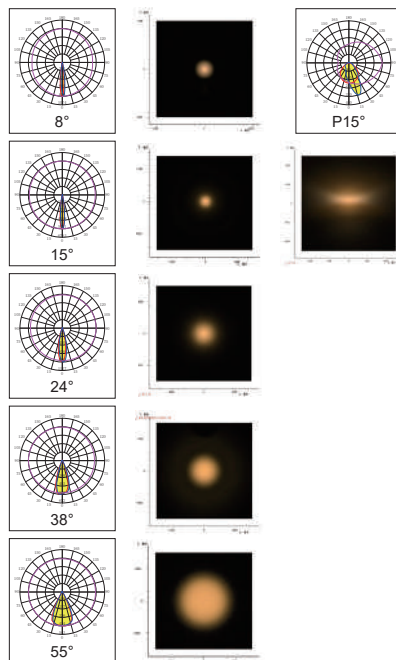
◆ 透镜尺寸 / LENS SIZE

Φ28.00mm --- H13.00mm Φ45.00mm --- H22.50mm
Φ35.00mm --- H17.70mm Φ50.00mm --- H25.00mm

◆ 遮光罩尺寸 / FRAME SIZE

Φ49.80mm --- H18.00mm 69*69mm --- H27.50mm
Φ69.00mm --- H27.00mm Φ90.00mm --- H35.00mm

◆ 角度 / ANGLE





一款交叉出光-UGR < 9透镜系列
A crossing light lens series with UGR < 9

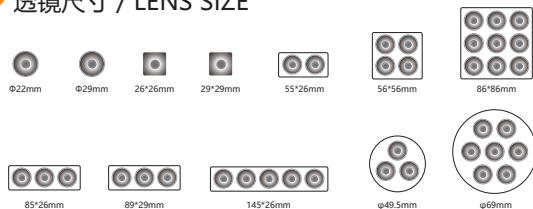
◆ 特征 / FEATURES

- 采用交叉出光设计，真正实现见光不见灯。
- UGR < 9适用于多个环境。
- 10余种尺寸可供选择。
- 多种造型，可自由拼装灯具外观。
- 适配双色温光源。
- 全系列采用进口光学级材料制作。
- The optics design of LFO technology, to have visible light with invisible luminaires.
- UGR < 9, suitable for different environments.
- More than 10 dimensions available.
- Various kinds of finishes, freely matching the finishes of luminaires.
- Suitable for dual color temperature light sources.
- Made of imported optical level material.

◆ 光源 / LED CHIP

3535 3030

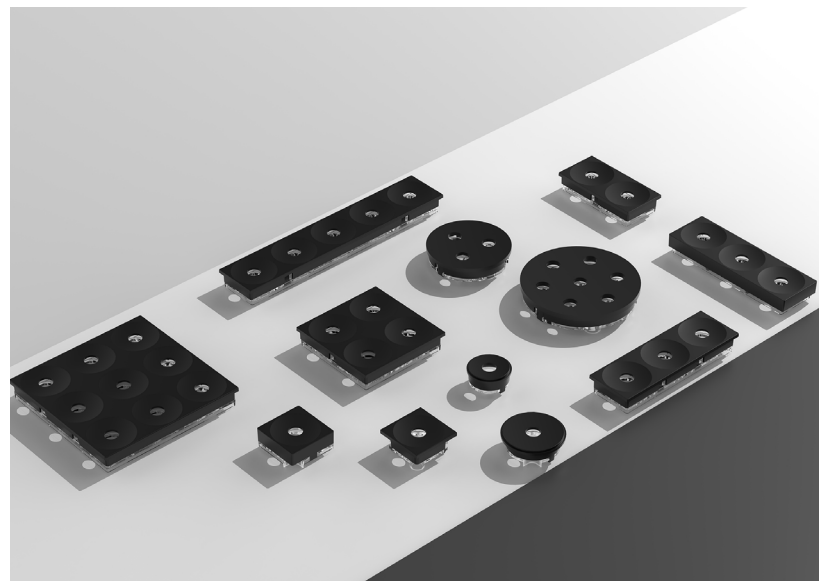
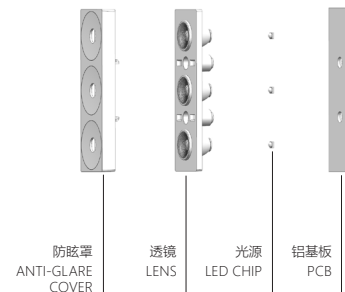
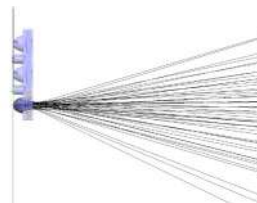
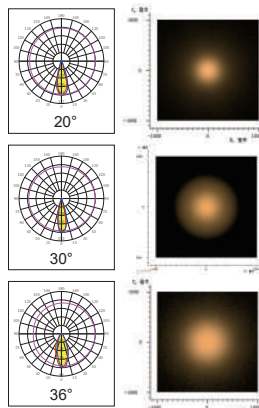
◆ 透镜尺寸 / LENS SIZE



◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR



◆ 角度 / ANGLE





一款交叉出光-UGR < 9透镜系列
A crossing light lens series with UGR < 9

-G2

◆ 特征 / FEATURES

- 采用交叉出光设计，真正实现见光不见灯。
- URG < 9适用于多个环境。
- 10余种尺寸可供选择。
- 多种造型，可自由拼装灯具外观。
- 适配双色温光源。
- 全系列采用进口光学级材料制作。

- The optics design of LFO technology, to have visible light with invisible luminaires.
- URG < 9, suitable for different environments.
- More than 10 dimensions available.
- Various kinds of finishes, freely matching the finishes of luminaires.
- Suitable for dual color temperature light sources.
- Made of imported optical level material.

◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR



纯黑
BLACK



纯白
WHITE



亮银
SILVER



枪黑
BLACK NICKEL

◆ 光源 / LED CHIP

COB

◆ 透镜尺寸 / LENS SIZE

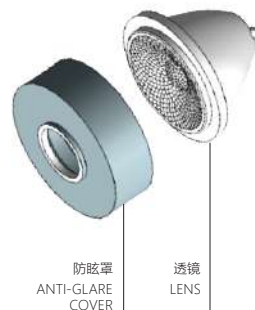
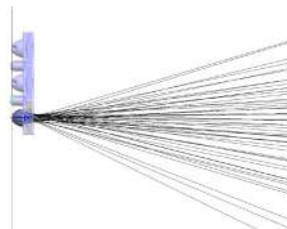
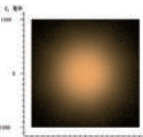
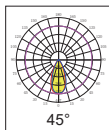
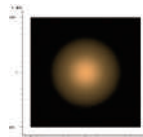
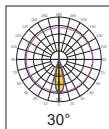


Φ28mm



Φ35mm

◆ 角度 / ANGLE





一款交叉出光-UGR < 9透镜系列
A crossing light lens series with UGR < 9

-G3

◆ 特征 / FEATURES

- 采用交叉出光设计，真正实现见光不见灯。
- UGR < 9适用于多个环境。
- 10余种尺寸可供选择。
- 多种造型，可自由拼装灯具外观。
- 适配双色温光源。
- 全系列采用进口光学级材料制作。

- The optics design of LFO technology, to have visible light with invisible luminaires.
- UGR < 9, suitable for different environments.
- More than 10 dimensions available.
- Various kinds of finishes, freely matching the finishes of luminaires.
- Suitable for dual color temperature light sources.
- Made of imported optical level material.

◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR



纯黑
BLACK



纯白
WHITE



亮银
SILVER



枪黑
BLACK NICKEL

◆ 光源 / LED CHIP

CXM-6 CXA-1304

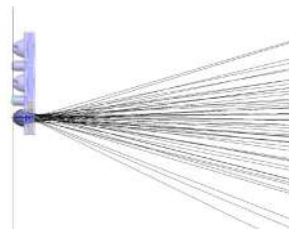
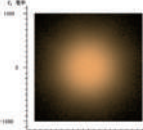
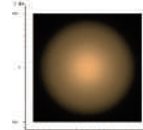
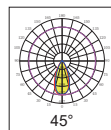
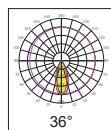
◆ 透镜尺寸 / LENS SIZE

Φ28mm

◆ 遮光罩尺寸 / FRAME SIZE

Φ30mm

◆ 角度 / ANGLE





HAN SERIES

一款方形模块的防眩透镜系列
An anti-glare square module lens

特征 / FEATURES

- 全系列为方形外观的组合透镜：全系标配防眩罩。
- 多种尺寸可供选择。
- 全系光束角齐全 15°/24°/38°。
- 让灯具外观更独特。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。

- A combination lens family with a square appearance, and anti-glare cover.
- Various sizes available.
- Beam angle: 15°/24°/38°.
- Unique design for the appearance.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

光源 / LED CHIP

3535 3030

遮光罩颜色 / ANTI-GLARE COVER COLOR

- 纯黑
BLACK
- 纯白
WHITE
- 亮银
SILVER
- 枪黑
BLACK NICKEL

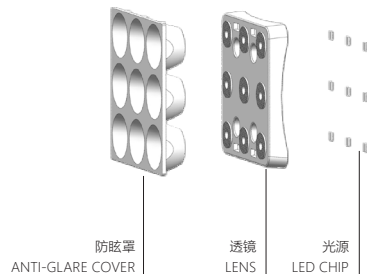
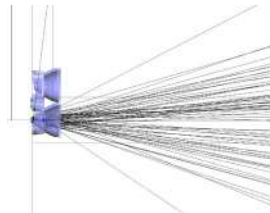
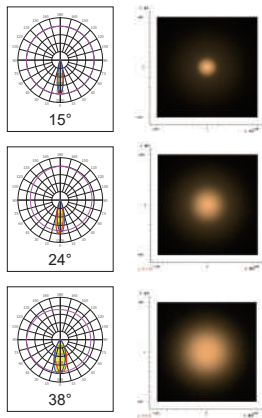
透镜尺寸 / LENS SIZE

35*35mm --- H8.80mm 73*73mm --- H8.90mm
54*54mm --- H8.80mm Φ15.82mm --- H8.70mm

遮光罩尺寸 / FRAME SIZE

38*38mm --- H13.13mm 50*50mm --- H12.00mm
57*57mm --- H13.23mm 75*75mm --- H12.00mm
76*76mm --- H12.50mm

角度 / ANGLE



Smart Series

一款适合小型化灯具的防眩透镜系列

An anti-glare lens that suitable for small luminaires

◆ 特征 / FEATURES

- 全系列针对小型灯具进行光学设计。
- 全系标配防眩罩。
- 多种尺寸可供选择。
- 全系光束角齐全 15°/24°/38°。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。

- Optical Design for Small lamps.
- Standard anti-glare cover.
- Various sizes available.
- Beam angle: 15°/24°/38°.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

◆ 光源支架 / COB HOLDER

3030/3535/COB光源国际国内主流品牌光源的支架均已开发完成。
Compliance with the mainstream 3030/3535/COB from overseas and domestic brands.

◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR

- | | | | |
|-------|-------|--------|--------------|
| ● | ○ | ● | ● |
| 纯黑 | 纯白 | 亮银 | 枪黑 |
| BLACK | WHITE | SILVER | BLACK NICKEL |

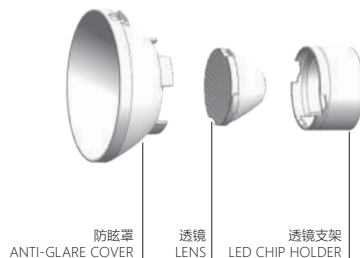
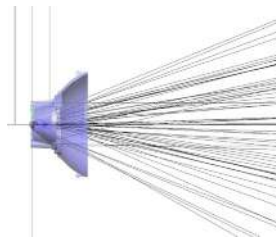
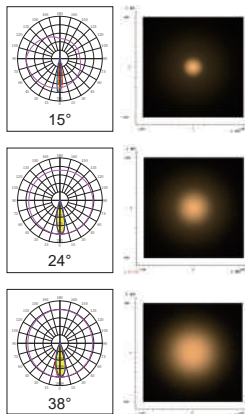
◆ 透镜尺寸 / LENS SIZE

Φ10.00mm --- H5.90mm	Φ35.00mm --- H18.00mm
Φ14.80mm --- H8.70mm	Φ45.00mm --- H22.50mm
Φ21.00mm --- H13.60mm	Φ50.00mm --- H25.00mm
Φ26.90mm --- H16.51mm	

◆ 遮光罩尺寸 / FRAME SIZE

Φ19.00mm --- H8.00mm	Φ51.95mm --- H20.50mm
Φ29.00mm --- H12.83mm	Φ61.12mm --- H24.30mm
Φ29.00mm --- H14.83mm	Φ58.00mm --- H23.40mm
Φ41.28mm --- H17.00mm	Φ72.00mm --- H25.80mm
Φ38.00mm --- H15.00mm	Φ85.00mm --- H30.40mm

◆ 角度 / ANGLE





SHANG SERIES

一款可自由组合的深防眩透镜系列
An anti-glare lens with free combination

◆ **特征 / FEATURES**

- 全系列为深防眩设计
- 全系标配深防眩罩
- 三款尺寸可供选择
- 全系光束角齐全10°/15°/25°/30°/45°/10°*35°
- 让灯具外观更独特
- 全系列采用进口光学级材料制作
- 镀膜车间为自有的万级无尘电镀车间
- Excellent anti-glare design.
- Standard anti-glare cover.
- Three sizes available.
- Beam angle: 10°/15°/25°/30°/45°/10°*35°.
- Unique design for the appearance.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

◆ **光源 / LED CHIP**

3030 / 3535

◆ **遮光罩颜色 / ANTI-GLARE COVER COLOR**

- | | | | |
|---|---|---|---|
|  |  |  |  |
| 纯黑
BLACK | 纯白
WHITE | 亮银
SILVER | 枪黑
BLACK NICKEL |

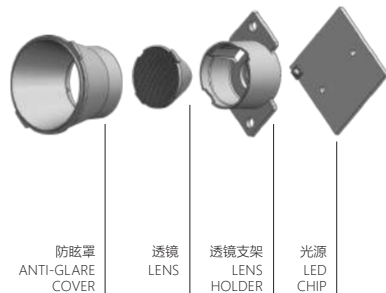
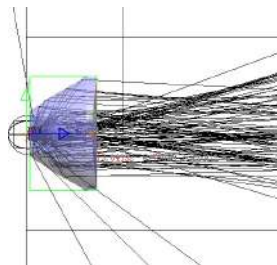
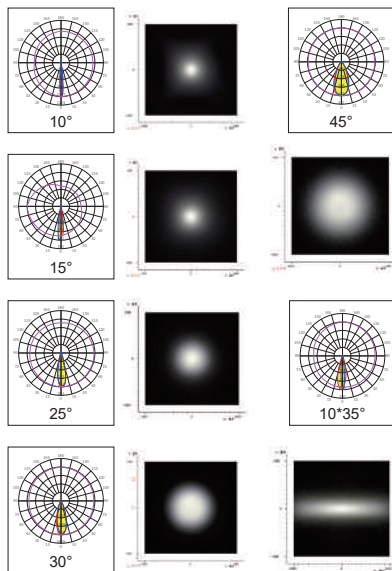
◆ **透镜尺寸 / LENS SIZE**

Φ11.00mm --- H6.50mm	Φ21.00mm --- H13.60mm
Φ14.80mm --- H8.70mm	Φ21.00mm --- H11.25mm
Φ14.80mm --- H8.80mm	

◆ **遮光罩尺寸 / FRAME SIZE**

Φ21.80mm --- H16.00mm
Φ27.80mm --- H19.00mm
Φ33.70mm --- H24.00mm

◆ **角度 / ANGLE**



MINI LENS

一款应用于极窄的线形灯具的透镜系列
A lens for extremely narrow linear lights

特征 / FEATURES

- 全系列有多种尺寸可供选择。
- 全系标配防眩罩。
- 光斑有圆形光与方形光可供选择。
- 整体厚度14MM。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。
- Various sizes available.
- Standard anti-glare cover.
- There are round spot and square spot options available.
- The assembled height only 14mm.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

光源 / LED CHIP

3030 / 3535

遮光罩颜色 / ANTI-GLARE COVER COLOR

- 纯黑
BLACK
- 纯白
WHITE
- 亮银
SILVER
- 枪黑
BLACK NICKEL

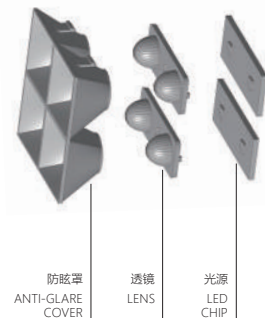
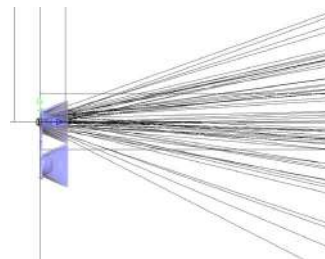
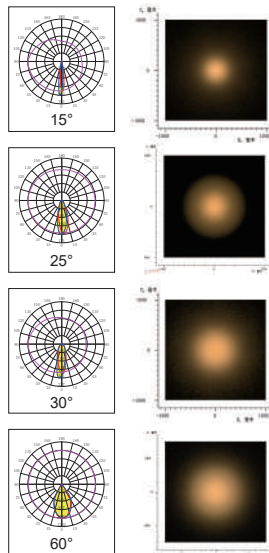
透镜尺寸 / LENS SIZE

32*11.5mm --- H6.16mm
44.8*11.5mm --- H5.85mm
44.8*11.5mm --- H6.00mm
44.8*11.5mm --- H7.35mm
44.8*11.5mm --- H4.85mm
51.8*11.5mm --- H6.15mm
52*52mm --- H7.50mm

遮光罩尺寸 / FRAME SIZE

40*19.5mm --- H12.50mm
39*39mm --- H12.50mm
49.5*19.6mm --- H12.50mm
95.8*19.6mm --- H12.50mm
59*59mm --- H12.50mm

角度 / ANGLE





WEI SERIES

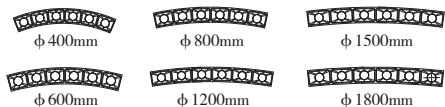
一款可实现超大圆形办公灯的反光杯系列
A kind of reflector that can achieve oversized round office lighting

特征 / FEATURES

- 可实现圆形0.4米/0.6米/0.8米/1.2米/1.5米/1.8米 灯具。
- 全系标配防眩罩。
- 光束角20°/36°/48°。
- 创新采用卡扣设计，安装更简便。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。
- A circular with size 0.4m/0.6m/0.8m/1.2m/1.5m/1.8m available.
- Standard anti-glare cover.
- Beam angle: 20°, 36° and 48°.
- Buckle design, more easier to assembly.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

遮光罩颜色 / ANTI-GLARE COVER COLOR

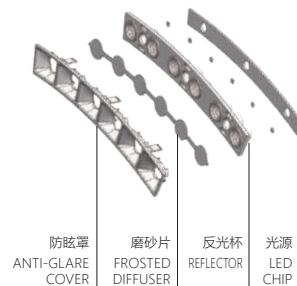
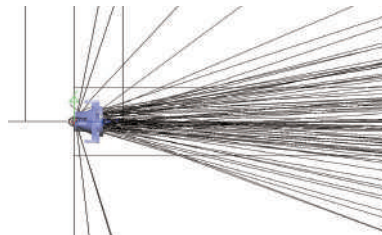
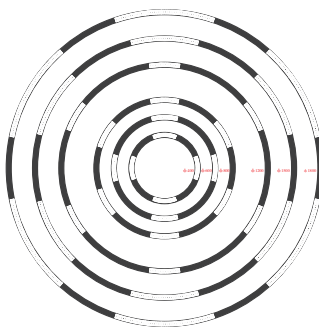
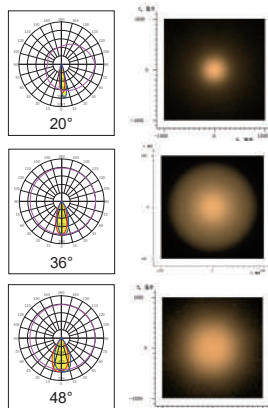
- | | | | | |
|-------------|-------------|--------------|--------------------|-------------------|
| | | | | |
| 纯黑
BLACK | 纯白
WHITE | 亮银
SILVER | 枪黑
BLACK NICKEL | 透明
TRANSPARENT |



光源 / LED CHIP

3030 / 3535

角度 / ANGLE





LIANG-SERIES

一款防水筒灯透镜系列
Waterproof downlight lens series

◆ 特征 / FEATURES

- 应用于防水筒灯。
- 全系标配防眩罩。
- 全系标配防水胶圈。
- 创新采用卡扣设计，安装更简便。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。
- Waterproof down light application
- Standard anti-glare cover.
- Standard silicone gasket.
- Innovative buckle design for the easy assembly.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

◆ 光源 / LED CHIP

3030 / 3535

◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR

- 纯黑
BLACK
- 纯白
WHITE
- 亮银
SILVER
- 枪黑
BLACK NICKEL

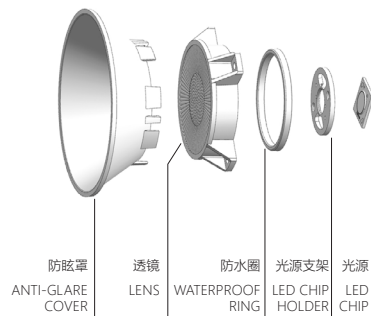
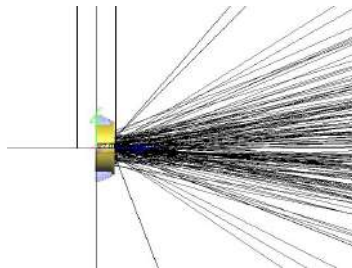
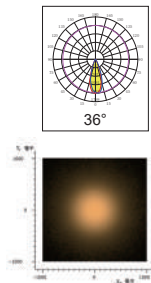
◆ 透镜尺寸 / LENS SIZE

Φ56.00mm --- H10.00mm
Φ68.00mm --- H12.72mm
Φ83.00mm --- H16.00mm
Φ97.00mm --- H18.00mm
Φ114.00mm --- H22.00mm
Φ134.00mm --- H26.00mm

◆ 遮光罩尺寸 / FRAME SIZE

Φ69.00mm --- H21.60mm
Φ83.00mm --- H26.57mm
Φ106.00mm --- H33.50mm
Φ128.00mm --- H39.40mm
Φ156.00mm --- H45.00mm
Φ183.00mm --- H53.00mm

◆ 角度 / ANGLE



小精灵 ELF - SERIES

一款专用于小型灯具的反光杯系列
Reflector for small luminaires

◆ 特征 / FEATURES

- 为小型灯具而设计。
- 创新型光学设计可实现外围无杂光。
- 光束角12°/24°/38°。
- 插入式设计，安装更简便。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。
- Design for small luminaires.
- Innovative optical design to achieve no stray light.
- Beam Angle: 12°/24°/38°.
- Plug-in design, easier assembly.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream
COB from overseas and domestic brands.

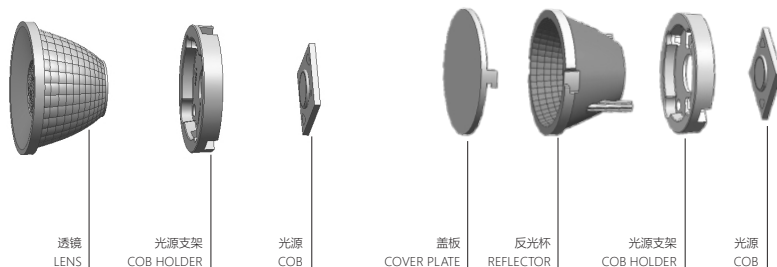
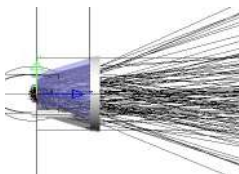
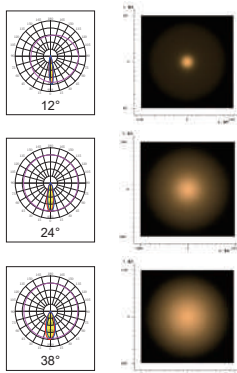
◆ 反光杯尺寸 / REFLECTOR SIZE

Φ22.00mm --- H13.70mm
Φ26.00mm --- H16.00mm
Φ30.00mm --- H19.00mm

◆ 透镜尺寸 / LENS SIZE

Φ22.00mm --- H13.70mm
Φ26.00mm --- H16.00mm
Φ30.00mm --- H19.00mm

◆ 角度 / ANGLE



小精灵-G2 (无副光斑)

ELF - G2 SERIES

◆ 特征 / FEATURES

- 为小型灯具而设计。
- 创新型光学设计可实现外围无杂光，无副光斑。
- 插入式设计，安装更简便。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。

- Design for small luminaires.
- Innovative optical design to achieve no stray light. No secondary light spot.
- Plug-in design, easier assembly.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

◆ 光源支架 / COB HOLDER

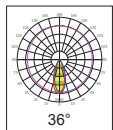
匹配国际国内市场主流品牌光源的支架均已开发完成。

Compliance with the mainstream COB from overseas and domestic brands.

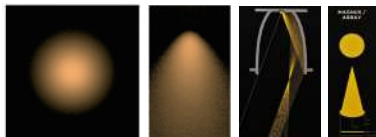
◆ 反光杯尺寸 / REFLECTOR SIZE

Φ26.00mm --- H21.00mm

◆ 角度 / ANGLE



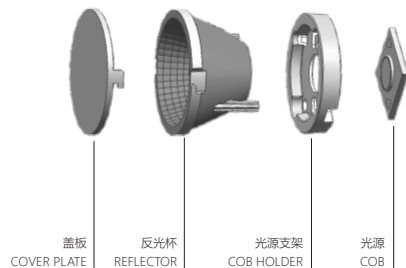
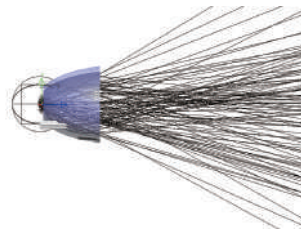
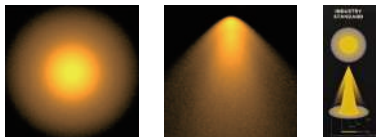
小精灵-G2
光学效果



光斑效果

洗墙效果

传统反光杯
光学效果



眼鏡蛇

Cobra-C Series 系列

◆ 特征 / FEATURES

- 符合ZHAGA标准。
- 反光杯和支架旋扣式安装，提升安装效率。
- 可配光面盖板、沙面盖板。
- 采用纳米磁控溅射镀膜工艺，反射率可达95%。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。

- Compliant with ZHAGA standards.
- Twist-lock mounting between the reflector and holder improves installation efficiency.
- Compatible with smooth or frosted covers.
- Nano magnetron sputtering coating process achieves up to 95% reflectivity.
- Full series made of imported optical-grade materials.
- In-house Class 10,000 clean plating workshop for the coating process.

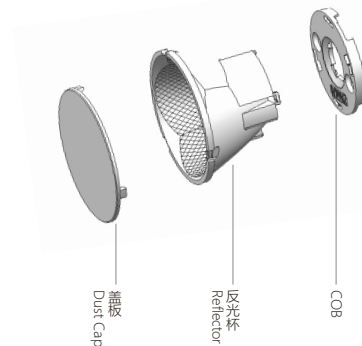
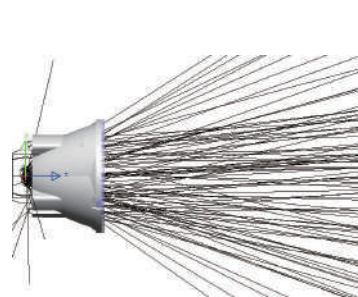
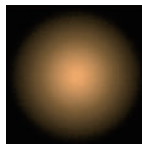
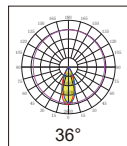
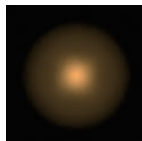
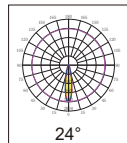
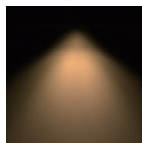
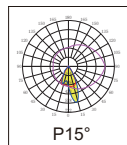
◆ 应用 / APPLICATION



◆ 反光杯尺寸 / REFLECTOR SIZE

Φ22*14.6mm	Φ62*36.4mm
Φ35*25.0mm	Φ69*38.7mm
Φ45*30.4mm	Φ75*44.0mm
Φ45*29.2mm	Φ85*53.0mm
Φ50*32.6mm	Φ92*57.6mm

◆ 角度 / ANGLE



非凡系列

Super Series

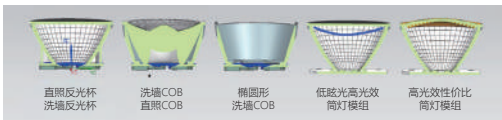
◆ 特征 / FEATURES

- 装配简易：卡扣旋转式安装，简单快捷。
- 光源方案多选：COB/SMD在同一灯具里可实现光学互换
- 光学方案多变：光学透镜和光学反光杯可实现同一灯具里互换，尺寸统一。
- 配光齐全：18°/24°/36°/20°60°/25°45°/60°（兼容筒射灯，洗墙）。
- 高光效：全系列采用进口光学级材料制作。
- 优质混光和低眩光设计，可匹配双色、三色、四色、五色COB光源。
- Easy to assemble: snap on rotating installation, simple and fast.
- Versatile LED solutions: COB/SMD can achieve optical interchangeability
- Versatile optical solutions: The optical lens and reflector cup can be interchanged in the same lamp with uniform size.
- Complete lighting configuration: 18°/24°/36°/20°60°/25°45°/60° (compatible with spotlights and wall cleaning).
- High luminous efficiency: The entire series is made of imported optical grade materials.
- Quality color mixing and low glaring design, Can match dual-color, tri-color, four-color, and five-color COB light sources.

◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。

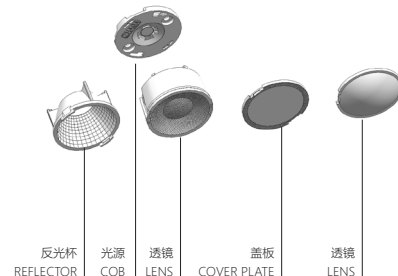
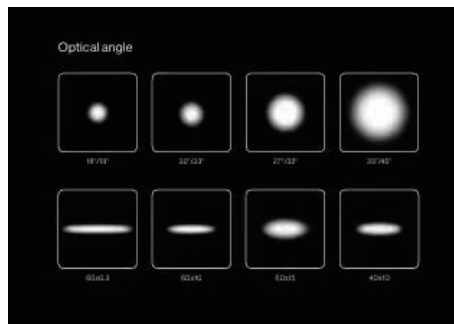
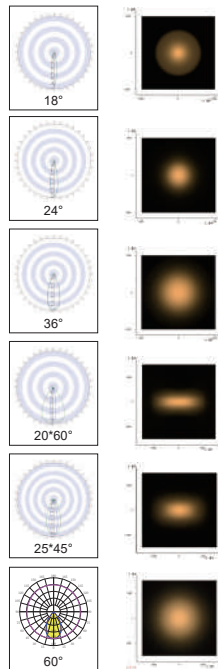
Compliance with the mainstream COB from overseas and domestic brands.



◆ 透镜尺寸 / LENS SIZE

Φ15.00mm Φ35.00mm Φ55.00mm
Φ22.00mm Φ45.00mm Φ62.00mm
Φ28.00mm Φ50.00mm Φ69.00mm

◆ 角度 / ANGLE





ZHU-SERIES

一款应用于氛围照明的平凸透镜系列
A plano-convex lens series for atmosphere lighting

◆ 特征 / FEATURES

- 符合ZHAGA标准。
- 采用非球面光学设计，使得光斑均匀截止线清晰。
- 应用于落日灯，吊灯，氛围灯。
- 多种尺寸可供选择。
- 全系列采用进口光学级材料制作。
- ZHAGA Compliance.
- Aspherical optical design is adopted to gain spot uniformity and clear cutoff line.
- Applications: Sunset light, Suspend light, Atmosphere light.
- Various dimensions available.
- Made of imported optical level material.

◆ 光源支架 / LED HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream
LED from overseas and domestic brands.

◆ 透镜尺寸 / LENS SIZE

Φ16.00mm --- H5.00mm
Φ27.80mm --- H8.60mm
Φ35.00mm --- H11.50mm
Φ45.00mm --- H14.80mm
Φ60.00mm --- H19.60mm
Φ64.00mm --- H20.00mm
Φ65.00mm --- H20.00mm

Φ 16mm



Φ 27.8mm



Φ 35mm



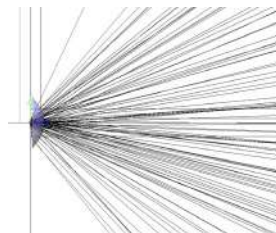
Φ 45mm



Φ 60mm



Φ 64mm



玻璃透镜系列 / GLASS LENS SERIAL

◆ 特征 / FEATURES

- **高透光性:** 玻璃材料具有优异的透光性能, 光效达到97%。
- **高折射率:** 玻璃透镜的折射率通常较高, 这意味着它们能够更好地弯曲和聚焦光线。高折射率有助于减小透镜的尺寸和重量, 同时提高照明质量。
- **低色散:** 玻璃透镜通常具有较低的色散性能, 这意味着它们能够减少光线通过透镜时因波长不同而产生的颜色分离现象。
- **High transparency:** Glass materials have excellent transparency with a light efficiency of 97%.
- **High refractive index:** Glass lenses typically have a higher refractive index, which means they are better able to bend and focus light. A higher refractive index helps reduce the size and weight of the lens while improving lighting quality.
- **Low dispersion:** Glass lenses typically have lower dispersion performance, which means that they can reduce the color separation phenomenon caused by different wavelengths of light passing through the lens.
- **High stability:** Glass materials have excellent

- **高稳定性:** 玻璃材料具有出色的热稳定性和化学稳定性, 能够在极端环境下保持稳定的性能。
- **高精度加工:** 玻璃透镜可以通过精密的加工技术(如研磨、抛光等)制成具有复杂曲面的高精度透镜。
- **耐磨损性:** 玻璃材料具有较高的硬度和耐磨性, 能够抵抗划痕和磨损。
- **耐高温性:** 玻璃材料, 耐温范围可以达到-50°C至+300°C。

thermal and chemical stability, and can maintain the performance stability in extreme environments.

- **High precision machining:** Glass lenses can be processed by the precise machining techniques such as grinding, polishing, etc, to have the complex curved surfaces.
- **Wear resistance:** Glass materials have high hardness and wear resistance, and can resist scratches and wear.
- **Temperature resistance:** Glass material, with a temperature resistance range of -50°C to +300°C.

◆ 应用 / APPLICATION

◆ 透镜尺寸 / LENS SIZE

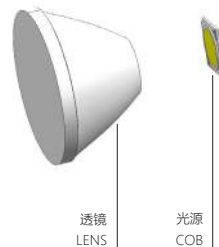
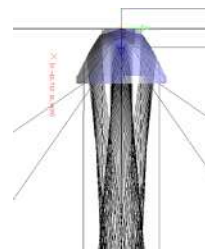
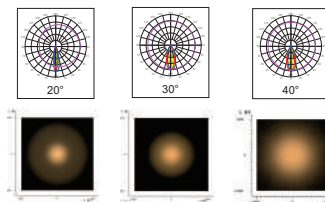
Φ 46mm Φ 58mm

◆ 光源 / LED CHIP

COB



◆ 角度 / ANGLE



17S LENS

◆ 特征 / FEATURES

- ZHAGA标准装配，更换灵活，提升安装效率。
- 光学设计采用全反射-显著提升光斑均匀度。
- 高光效、高光强、低眩光、等照度。
- 应用于筒灯，射灯，象鼻灯，轨道灯。
- 全系光束角齐全 15°/24°/36°/50°
- 全系列采用进口光学级材料制作。
- 低成本，适用于双色智能方案。
- ZHAGA standard compliance, flexible replacement and optimized assembly efficiency.
- With TIR optical design, significantly improving light pattern uniformity.
- High light efficiency, high light intensity, low glare, uniform illumination.
- Application for the down lights, PAR lamps, rotatable recessed down lights, track lights etc.
- Beam angle: 15°, 24°, 36° and 50°.
- Made of imported optical level material.
- Low cost, suitable for dual color intelligent solutions.

◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream COB from overseas and domestic brands.

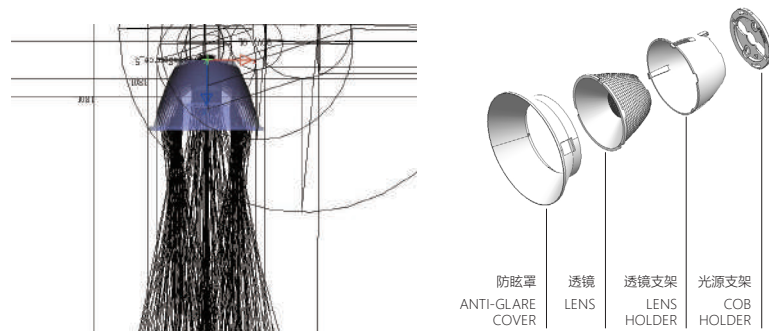
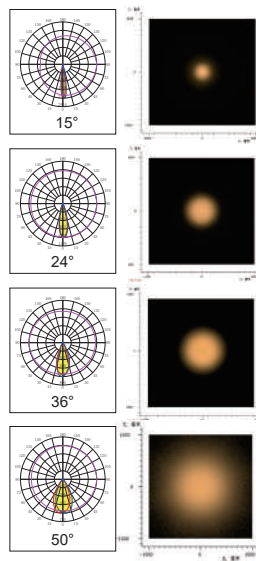
◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR

- | | | | |
|---|---|---|---|
|  |  |  |  |
| 纯黑
BLACK | 纯白
WHITE | 亮银
SILVER | 枪黑
BLACK NICKEL |

◆ 透镜尺寸 / LENS SIZE

Φ35.00mm	Φ62.00mm
Φ45.00mm	Φ69.00mm
Φ50.00mm	Φ75.00mm
Φ55.00mm	

◆ 角度 / ANGLE



19S LENS

◆ 特征 / FEATURES

- ZHAGA标准装配，更换灵活，提升安装效率。
- 超薄设计，适应更多空间。
- 高光效、低眩光。
- 应用于筒灯，射灯，象鼻灯，轨道灯。
- 全系列采用进口光学级材料制作。
- 低成本，具有较高的性价比。

- ZHAGA standard compliance, flexible replacement and optimized assembly efficiency.
- Ultra thin design, suitable for more space.
- High light efficiency, low glare.
- Application for the down lights, rotatable, recessed down lights.
- Made of imported optical level material.
- Low cost, with high cost-effectiveness.

◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream
COB from overseas and domestic brands.

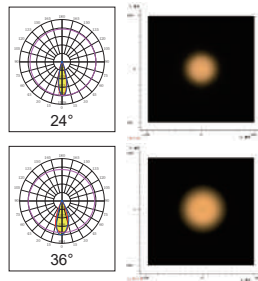
◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR

- | | | | |
|-------|-------|--------|--------------|
| ● | ○ | ● | ● |
| 纯黑 | 纯白 | 亮银 | 枪黑 |
| BLACK | WHITE | SILVER | BLACK NICKEL |

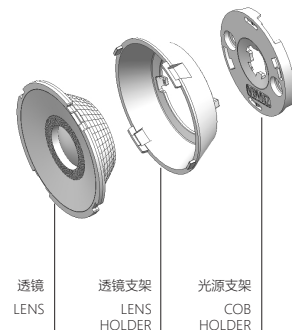
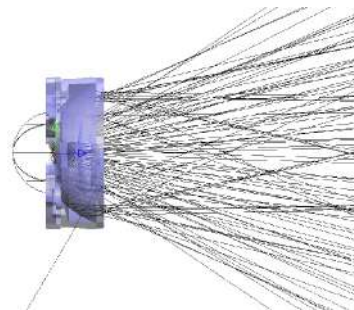
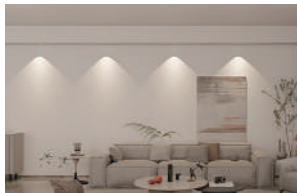
◆ 透镜尺寸 / LENS SIZE

Φ35.00mm	Φ62.00mm
Φ45.00mm	Φ69.00mm
Φ50.00mm	

◆ 角度 / ANGLE



◆ 应用 / APPLICATION



天际线 Skyline

特征 / FEATURES

- 采用偏光、截光设计，应用于专业场景。
- 高光效、低眩光。
- 应用于草坪灯，低位路灯，灯带，洗墙灯，护栏灯。
- 全系列采用进口光学级材料制作。
- 低成本，具有较高的性价比。

- Features polarized and cut-off design for professional applications.
- High efficacy with low glare.
- Suitable for lawn lights, low-level street lights, light strips, wall washers and Guardrail Light.
- Entire series manufactured with imported optical-grade materials.
- Low cost with high cost-effectiveness.

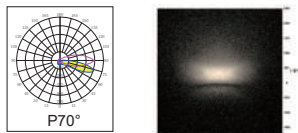
应用 / APPLICATION



透镜尺寸 / LENS SIZE

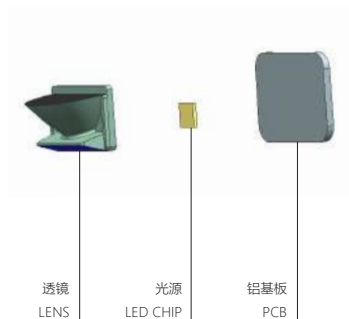
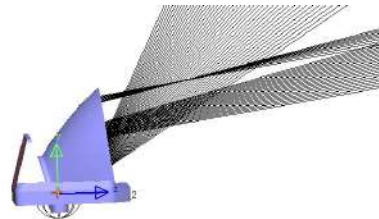
20*13*13.6mm

角度 / ANGLE



光源 / LED CHIP

3030 3838 5050



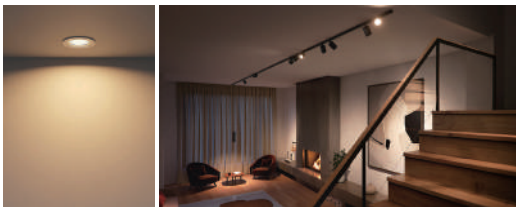
多彩系列 | Colorful SERIAL

◆ 特征 / FEATURES

- 配多色彩光源，混光均匀。
- 高光效，低眩光，UGR<19。
- 可匹配最新智能方案，（灯珠色温1800K-12000K）
- 应用于筒灯，射灯。
- 全系列采用进口光学级材料制作。
- 低成本，具有较高的性价比。

- Equipped with multi-color light sources for uniform color mixing.
- High luminous efficiency, low glare, UGR < 19.
- Supports state-of-the-art intelligent solutions (compatible with LEDs from 1800K to 12000K).
- Applications: Downlights and spotlights.
- Full product series crafted from imported optical-grade materials.
- Cost-effective with high value-to-price ratio.

◆ 应用 / APPLICATION



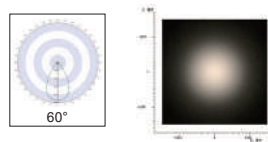
◆ 透镜尺寸 / LENS SIZE

Φ52.6*10.5mm	Φ85*15mm
Φ72*13.9mm	Φ92*15.5mm
Φ78*13.2mm	Φ110*18mm

◆ 反光杯尺寸 / REFLECTOR SIZE

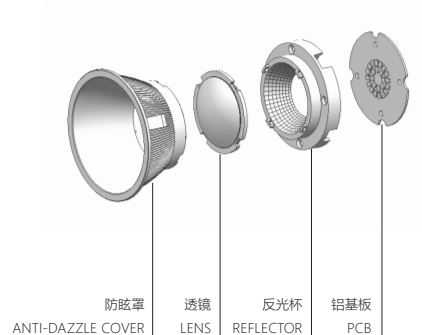
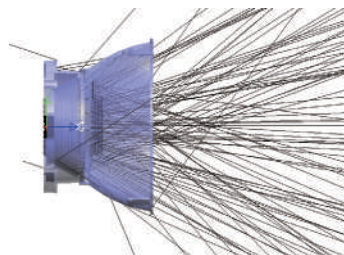
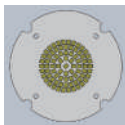
Φ68.5*19.4mm	Φ101*31mm
Φ87.7*25mm	Φ108.4*34mm
Φ93.9*28mm	Φ126.9*38mm

◆ 角度 / ANGLE



◆ 光源 / LED CHIP

RGBW2835 / 3030 / CSP



天际灯光学

Optics of Skyline Light

◆ 特征 / FEATURES

- 采用扩散光学，防眩光学、混光光学设计。
- 高光效、低眩光。
- 应用于天镜灯、青空灯、天幕灯、TV背光灯、吸顶灯、广告灯箱、应急灯。
- 全系列采用进口光学级材料制作。
- 低成本，具有较高的性价比。
- Utilizes optical designs for diffusion, anti-glare, and light mixing.
- High luminous efficiency with low glare.
- Suitable for skylights, artificial sky lights, ceiling light panels, TV backlighting, ceiling lamps, advertising light boxes, and emergency lighting.
- The full product line is made from imported optical-grade materials.
- Low cost with high cost-effectiveness.

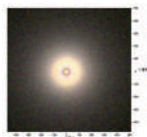
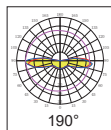
◆ 应用 / APPLICATION



◆ 透镜尺寸 / LENS SIZE

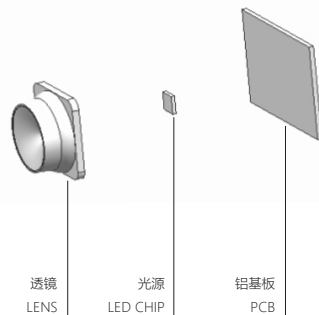
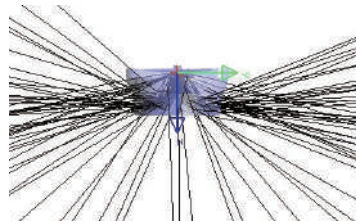
17*8mm

◆ 角度 / ANGLE



◆ 光源 / LED CHIP

2835 3030 3838

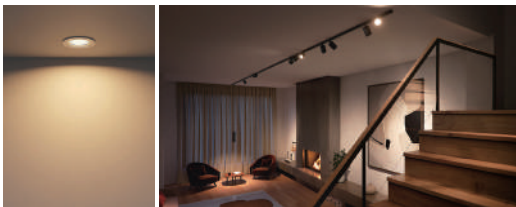


哪吒系列 NEZHA

◆ 特征 / FEATURES

- Zhaga标准装配，更换灵活，提升安装效率。
- 混色光斑均匀，低眩光，配双色，五色智能方案。
- 高光效、低眩光。
- 应用于筒灯，射灯。
- 全系列采用进口光学级材料制作。
- 低成本，具有较高的性价比。
- Zhaga-compliant design for flexible replacement and enhanced installation efficiency.
- Uniform color mixing with low glare, supporting dual-color and five-color intelligent solutions.
- High luminous efficacy and low glare.
- Applications: Downlights and spotlights.
- Full product series crafted from imported optical-grade materials.
- Cost-effective with high value-to-price ratio.

◆ 应用 / APPLICATION



◆ 透镜尺寸 / LENS SIZE

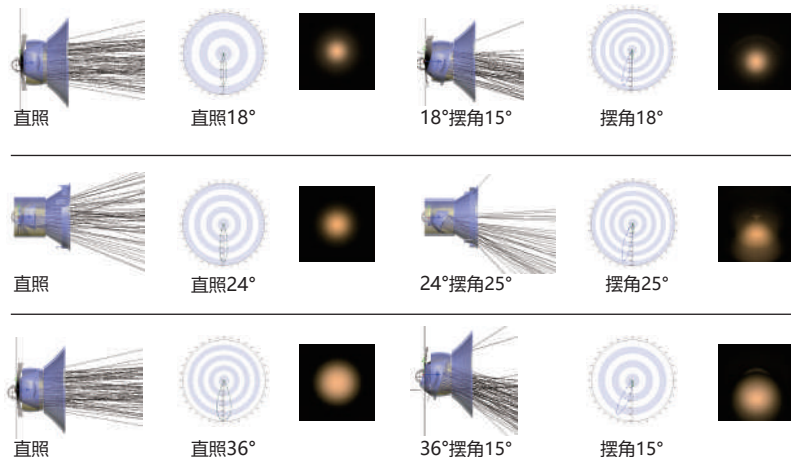
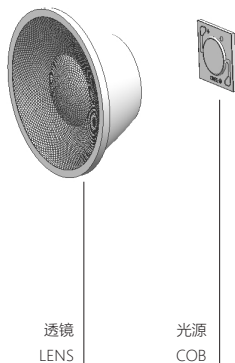
Φ35*16mm Φ45*19mm

◆ 光源 / LED CHIP

Cree CHA0410

Cree CXA1507

Cree CXA1304



E-G2

升级系列反光杯 / E-G2 SUPER UPGRADE REFLECTORS

一款经典商照反光杯系列

A classic commercial reflector series

◆ 特征 / FEATURES

- 符合ZHAGA标准。
- 反光杯与支架旋扣式安装，提升安装效率。
- 全新升级，等照度设计。
- 采用纳米磁控溅射镀膜工艺，反射率可达95%。
- 全系光束角齐全 15°/24°/38°/ 60°。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。

- ZHAGA Compliance.
- Rotation installation lens with holder, improving assembly efficiency.
- Super upgrade, Equal illumination design
- Thanking nano magnetron sputtering coating process, the efficiency can achieve 95%.
- Beam angle: 15°/24°/38°/ 60°.
- Made of imported optical level material.
- Electroplating in the Class 10,000 clean room.

◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream
COB from overseas and domestic brands.

◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR

- | | | | |
|---|---|---|---|
|  |  |  |  |
| 纯黑 | 纯白 | 亮银 | 枪黑 |
| BLACK | WHITE | SILVER | BLACK NICKEL |

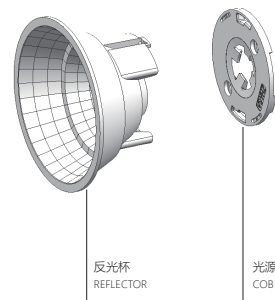
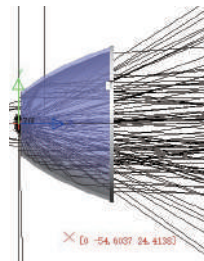
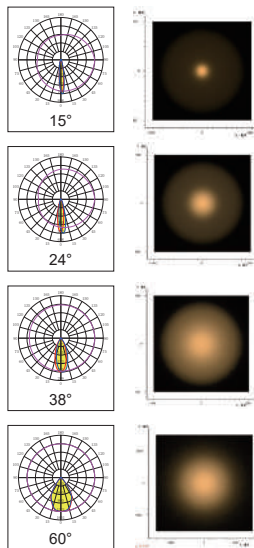
◆ 反光杯尺寸 / REFLECTOR SIZE

Φ68.4*39.8mm	Φ91*47.8mm
Φ75*41mm	Φ109.8*47.7mm

◆ 遮光罩尺寸 / FRAME SIZE

Φ114*47mm	Φ184*104mm
Φ124*52mm	Φ204*116mm

◆ 角度 / ANGLE



背光透镜

Backlight lens

◆ 特征 / FEATURES

- 采用扩散光学，防眩光学、混光光学设计。
- 高效率、低眩光。
- 应用于天镜灯、青空灯、天幕灯、TV背光灯、吸顶灯、广告灯箱、应急灯。
- 全系列采用进口光学级材料制作。
- 低成本，具有较高的性价比。
- Utilizes optical designs for diffusion, anti-glare, and light mixing.
- High luminous efficiency with low glare.
- Suitable for skylights, artificial sky lights, ceiling light panels, TV backlighting, ceiling lamps, advertising light boxes, and emergency lighting.
- The full product line is made from imported optical-grade materials.
- Low cost with high cost-effectiveness.

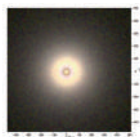
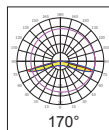
◆ 应用 / APPLICATION



◆ 透镜尺寸 / LENS SIZE

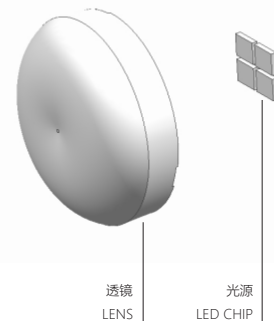
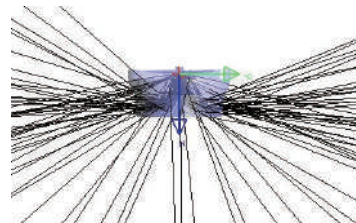
Φ25.5*9.2MM

◆ 角度 / ANGLE



◆ 光源 / LED CHIP

4*2835



山丘系列 / HILL SERIES

◆ 特征 / FEATURES

- 角度齐全，提供多种配光选择。
- 高光效、低眩光、光斑均匀。
- 组装方便快捷，提升安装效率。
- 应用于轨道灯、筒灯、射灯等应用场景。
- 全系列采用进口光学级材料制作。
- 低成本，具有较高的性价比。

- A wide range of beam angles, providing multiple light distribution options.
- High efficiency, low glare, and uniform light spot.
- Easy and quick assembly, improving installation efficiency.
- Suitable for applications such as track lights, downlights, and spotlights.
- The full series is made of imported optical-grade materials.
- Low cost with high cost-effectiveness.

◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream
COB from overseas and domestic brands.

◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR

- | | | | |
|-------|-------|--------|--------------|
| ● | ○ | ● | ● |
| 纯黑 | 纯白 | 亮银 | 枪黑 |
| BLACK | WHITE | SILVER | BLACK NICKEL |

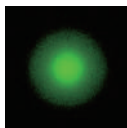
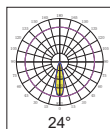
◆ 透镜尺寸 / LENS SIZE

Φ27.8*10.0mm
Φ34.8*12.6mm
Φ44.8*16.3mm

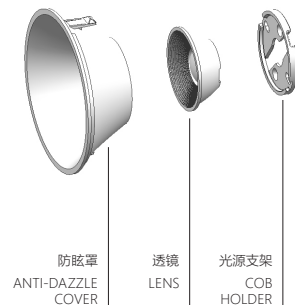
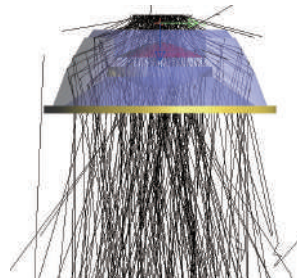
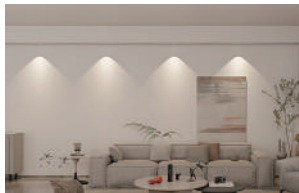
◆ 遮光罩尺寸 / FRAME SIZE

Φ49.7*18.8mm
Φ68.6*26mm
Φ89.8*34mm

◆ 角度 / ANGLE



◆ 应用 / APPLICATION



YU9 Series

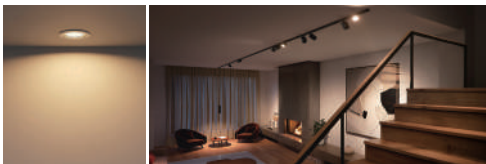
◆ 特征 / FEATURES

- 深防眩和无副光斑。
- 反光杯与支架旋扣式安装，提升安装效率。
- 7余种尺寸可供选择。
- 采用纳米磁控溅射镀膜工艺，反射率可达95%。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。
- Deep anti-glare and no stray light spots.
- Twist-lock mounting between reflector and holder for improved installation efficiency.
- Over 7 sizes available.
- Nano magnetron sputtering coating process, achieving up to 95% reflectivity.
- Full series made of imported optical-grade materials.
- In-house Class 10,000 clean plating workshop for the coating process.

◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream
COB from overseas and domestic brands.

◆ 应用 / APPLICATION



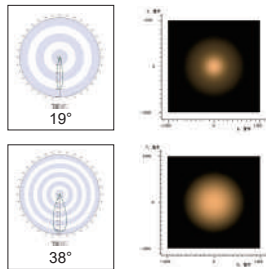
◆ 反光杯尺寸 / REFLECTOR SIZE

Φ17.8*14mm	Φ49.8*51mm
Φ27.8*23.6mm	Φ61.8*62.9mm
Φ34.8*36.2mm	Φ74.8*75.9mm
Φ44.8*46mm	

◆ 盖板尺寸 / COVER PLATE SIZE

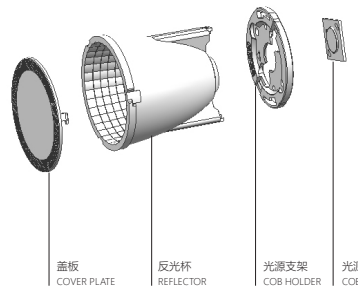
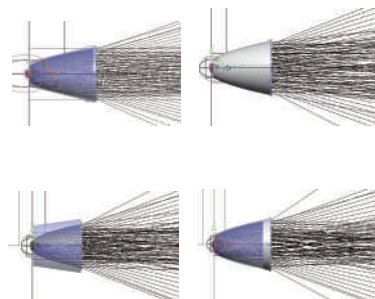
Φ17.8*3mm	Φ49.8*4.2mm
Φ27.8*4.2mm	Φ61.8*4.2mm
Φ35*4.2mm	Φ74.8*4.2mm
Φ44.8*4.2mm	

◆ 角度 / ANGLE



◆ 光源 / LED CHIP

COB



18S LENS

◆ 特征 / FEATURES

- 行业首创透镜与支架旋扣式安装，提升安装效率。
- 光学设计采用全反射，显著提升光斑均匀度。
- 应用于筒灯，PAR灯，象鼻灯，轨道灯。
- 全系光束角齐全 15°/24°/36°/50°
- 全系列采用进口光学级材料制作。

- Rotation installation lens with holder, improving assembly efficiency.
- With TIR and Fresnel optical design, significantly improve light pattern uniformity.
- Application for the down lights, PAR lamps, rotatable recessed down lights, track lights etc.
- Beam angle: 15°, 24°, 36° and 50°.
- Made of imported optical level material.

◆ 光源支架 / COB HOLDER

匹配国际国内市场主流品牌光源的支架均已开发完成。
Compliance with the mainstream
COB from overseas and domestic brands.

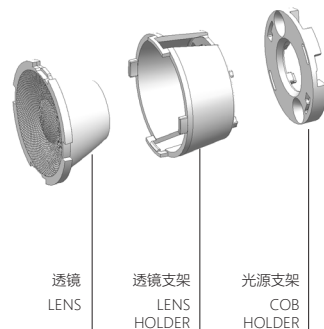
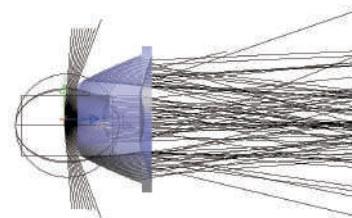
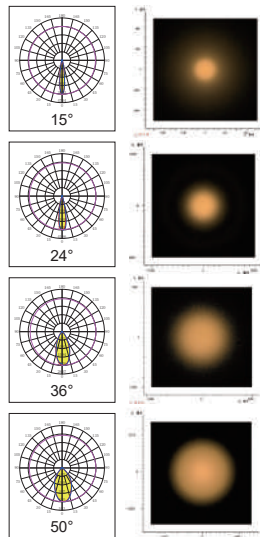
◆ 遮光罩颜色 / ANTI-GLARE COVER COLOR

- | | | | |
|---|---|---|---|
|  |  |  |  |
| 纯黑
BLACK | 纯白
WHITE | 亮银
SILVER | 枪黑
BLACK NICKEL |

◆ 透镜尺寸 / LENS SIZE

- | | |
|------------|------------|
| Φ30*15mm | Φ62*28.4mm |
| Φ40*16.4mm | Φ75*36.5mm |
| Φ45*19.5mm | |

◆ 角度 / ANGLE



H系列反光杯

◆ 特征 / FEATURES

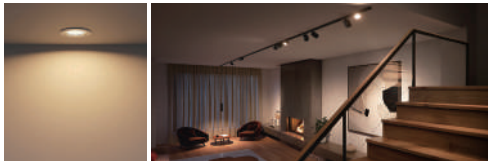
- 光斑均匀、低眩光值、洗墙效果好。
- 反光杯与支架旋扣式安装，提升安装效率。
- 应用于酒店洗墙射灯、轨道灯、天花灯、筒灯等。

- Uniform light spot, low glare value, excellent wall-washing effect.
- Twist-lock mounting between the reflector and the holder improves installation efficiency.
- Suitable for hotel wall-washing spotlights, track lights, recessed ceiling lights, downlights, and similar applications.

◆ 光源 / LED CHIP

CXM-6 CLU700
CLL022 CREE1507
CLL032 CREE1830

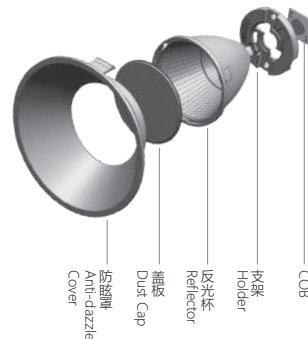
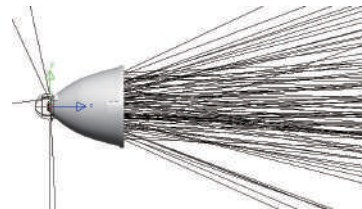
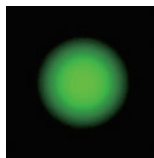
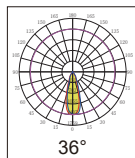
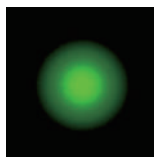
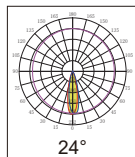
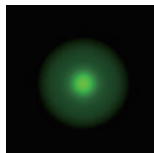
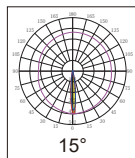
◆ 应用 / APPLICATION



◆ 反光杯尺寸 / REFLECTOR SIZE

Φ45*40mm	Φ63*55mm	Φ75*65mm
Φ50*44mm	Φ69*60mm	Φ85*74mm

◆ 角度 / ANGLE



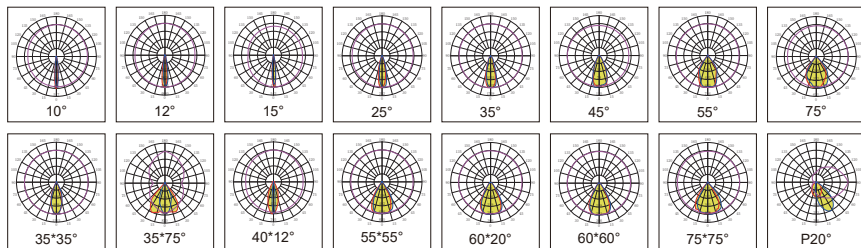
Z系列九宫格

◆ 特征 / FEATURES

- 装配简单快捷。
- 透镜光学和反光杯光学可供选择，多种尺寸可供选择。
- 配光齐全：透镜款（10/15/25/45/60°/60°/40°/12°/60°/20°/单偏20°）
反光杯款（12/35/55/75/35°/75/55°/55°/75°/35°/35°）。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。

- Quick and easy assembly.
- Available with lens optics or reflector optics; multiple sizes available.
- Comprehensive light distribution options:
 - Lens types: 10/15/25/45/60°/60°/40°/12°/60°/20°/Asymmetric 20°
 - Reflector types: 12/35/55/75/35°/75/55°/55°/75°/35°/35°
- Full series made of imported optical-grade materials.
- In-house Class 10,000 clean plating workshop for the coating process.

◆ 角度 / ANGLE



◆ 透镜尺寸 / LENS SIZE

22*22mm 38*38mm

◆ 反光杯尺寸 / REFLECTOR SIZE

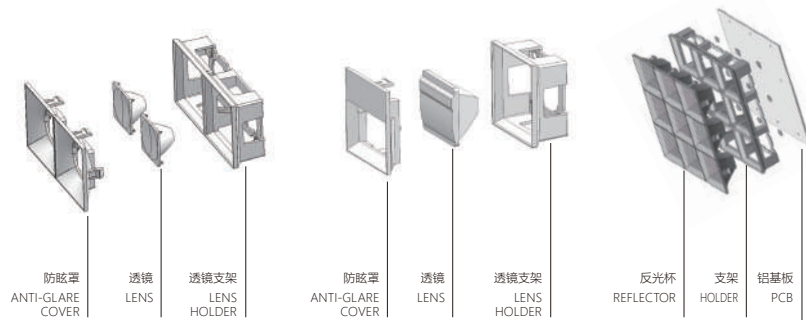
38*38mm

◆ 支架尺寸 / HOLDER SIZE

38*38mm 76*76mm
76*38mm 114*114mm
114*38mm

◆ 光源 / LED CHIP

4*3030 / 5050 / XPG



系列 Starry Sky Series

◆ 特征 / FEATURES

- 极光和星空视觉效果。
- 性价比高。
- 匹配RGBW光源。
- 全系列采用进口光学级材料制作。
- 应用于氛围灯。

- Aurora and starry sky visual effects.
- High cost-effectiveness.
- Compatible with RGBW light sources.
- Full series made of imported optical-grade materials.
- Suitable for ambient lights (mood lighting).

◆ 应用 / APPLICATION



◆ 透镜尺寸 / LENS SIZE

- Φ45.7*10.3mm
- Φ74.7*34.5mm
- Φ54.4*6.0mm
- Φ75.3*40.5mm

◆ 光源 / LED CHIP RGBW



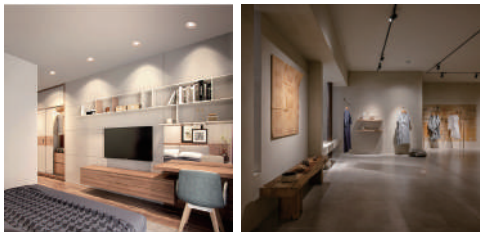
眼鏡蛇-C

Cobra-C Series 系列

特征 / FEATURES

- 符合ZHAGA标准。
- 反光杯和支架旋扣式安装，提升安装效率。
- 可配光面盖板、沙面盖板。
- 采用纳米磁控溅射镀膜工艺，反射率可达95%。
- 全系列采用进口光学级材料制作。
- 镀膜车间为自有的万级无尘电镀车间。
- Compliant with ZHAGA standards.
- Twist-lock mounting between the reflector and holder improves installation efficiency.
- Compatible with smooth or frosted covers.
- Nano magnetron sputtering coating process achieves up to 95% reflectivity.
- Full series made of imported optical-grade materials.
- In-house Class 10,000 clean plating workshop for the coating process.

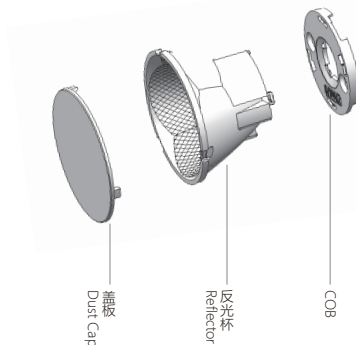
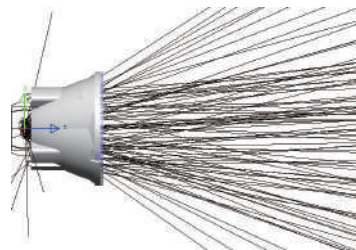
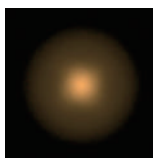
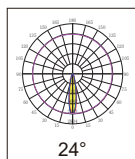
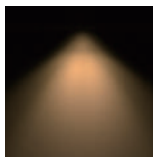
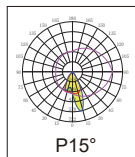
应用 / APPLICATION



反光杯尺寸 / REFLECTOR SIZE

$\Phi 22 \times 14.6\text{mm}$
 $\Phi 45 \times 30.4\text{mm}$
 $\Phi 45 \times 29.2\text{mm}$
 $\Phi 50 \times 32.6\text{mm}$
 $\Phi 62 \times 36.4\text{mm}$
 $\Phi 69 \times 38.7\text{mm}$
 $\Phi 75 \times 44\text{mm}$
 $\Phi 85 \times 53\text{mm}$
 $\Phi 92 \times 57.6\text{mm}$

角度 / ANGLE





DARKOO®
Optics

达尔科光学有限公司
DARKOO OPTICS CO., LTD.

Tel: (86)760-85332970 Fax: (86)760-85335526

Address: DARKOO Industrial Park, Wei 12 Road, Tsuihang New

District, Zhongshan, Guangdong, China

E-mail: darkoo@darkoo.com

Website: <http://www.darkoo.com> <http://www.darkoo.cc>

