

NATA OPTICS
www.nata.cn

REFLECTOR · LENS · OPTIC DESIGN
反光杯 · 透镜 · 光学设计

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NATA OPTICS

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COMPANY PROFILES

Nata , the low glare advocate, the biggest reflector designer and manufacturer in China. Since 1998, Nata concentrate on the prefect balance between the functional requirements of light and maximized the optic efficiency. Nata is the partner of world's top lighting brands. Product range include: aluminum reflector, polycarbonate reflector, LENs and accessories. Those reflector and lens are widely used in track light, spot light, down light, automative lighting, street light, high bay, flash light and torch light and other special lighting. They are mainly for export.

Nata certified by ISO9001:2015 international quality system. The products compliance with EU RoHs and REACH standard. The products are equipped with sophisticated production lines: Tooling, spinning, injection, die-casting, hydraulic, stamping, punching, sandblasting, anodizing and powder coating lines to ensure each product have been fine processing, each production process are subject to rigorous control.

Nata, has a professional optic R&D team and laboratory. From beam angle, reflectivity, low-glare, high efficiency light output to the tolerance of optical focus of has been well considered. Professional design software allows computer modeling and optic tracking to design the best reflective surface. Various types of surface sculptures, concave, Vconvex shapes and optimized surface treatments to maximized the performance and the luminous efficiency of the optic products.

Nata's philosophy, "excellent quality, the pursuit of perfection", "Service, Quality, Improvement, Excellent". Nata is doing best to reduce light pollution and create value for customer. Also keep competitive price and upgrade services and R&D capability.



CERTIFICATE

Nata日大-中国最大的照明反光杯制造商之一，低眩光照明倡导者。成立于1998年，丰富的反光杯、透镜光学设计与制造经验。专注于舒适照明与高光效的完美平衡。为众多世界著名灯具品牌的反光杯、透镜主要供应商。主要产品：铝反光杯、塑料反光杯、透镜、导光柱及光学配件。广泛应用于轨道灯反光杯/透镜、射灯反光杯/透镜、筒灯反光杯/透镜、汽车反光杯/透镜、路灯反光杯/透镜、工矿灯反光杯/透镜、LED反光杯/透镜、手电筒反光杯/透镜及摄影照明等特种照明反光杯/透镜，产品出口至欧美等地。

Nata日大-通过了ISO9001:2015国际质量体系认证，产品符合欧盟RoHS及REACH标准。日大技术力量雄厚，有先进的反光杯、透镜生产线：模具制造、旋压、注塑、油压、冲压、喷沙、喷涂、抛光、铝阳极氧化等生产车间，确保每个产品都经过精细加工，每道生产工序都受到严格质量管控。

Nata日大-有专业的反光杯、透镜光学设计开发团队及光学测试检测设备，从光束角、反射率、低眩光、高光效到光学焦点的容忍度都经过周全考察，通过电脑建模、光学追迹，设计出最优的反光曲面，力求反光杯、透镜的性能、光效、反射率达到极至。

Nata日大秉承“精致品质、追求完美”的经营理念及“客户为先，质量为本；持续改进，追求卓越”的质量方针，不断提升技术、品质与售后服务，以专业、优质的产品在高光效、减少光污染方面为客户创造价值。



PARTNERS

合作伙伴



SALES NETWORK

销售网络



APPLICATIONS

产品应用



COMMERCIAL
LIGHTING

商业



STREET
LIGHTING

街道



AREA
LIGHTING

区域



AUTOMATIVE
LIGHTING

汽车



MUSEUM
LIGHTING

博物馆



STAGE
LIGHTING

舞台

PRECISION TOOL DESIGN & MANUFACTURING

精密光学模具制造



沙迪克慢走丝机



精雕机

恒温恒湿模具加工车间，确保模具加工精度不受影响

Constant temperature and humidity mold processing workshop to ensure the accuracy of mold processing.



超精密纳米精雕机



模具

东芝超精密纳米级精雕机，一次性成型，模具达到高精度和高光洁面。

Toshiba ultra-precision nano-scale engraving machine, one-time molding to achieve high precision and high glossy surface.

OPTIC INJECTION

光学注塑



东芝全电动注塑机



注塑产品

采用东芝全电动注塑机，达到透镜曲面精度一致性

Toshiba automatic injection machine to achieve lens high accuracy and consistency.

REFLECTOR MANUFACTURE

反光杯制造



CNC



模具制造



模具



自动旋压机



五金冲压机



油压机



真空镀膜



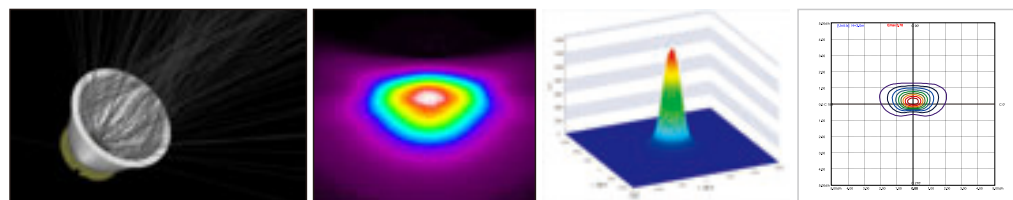
铝阳极氧化

领先的自动化旋压技术，完备的制造流程，满足客户高品质、快速定制的要求。

Advance auto-spun technology, well organized production plan to fulfill fast delivery but good quality demand.

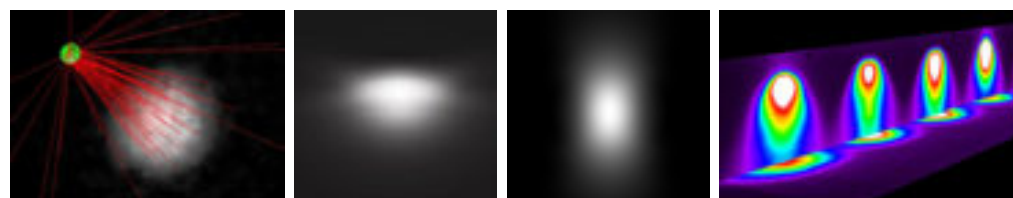
OPTICAL DESIGN

光学设计



我们用的是一款专用于非成像光学领域的设计软件，对反射、折射和透射的模拟具有快速、准确等特性。有利于提高设计成功率，缩短项目周期。

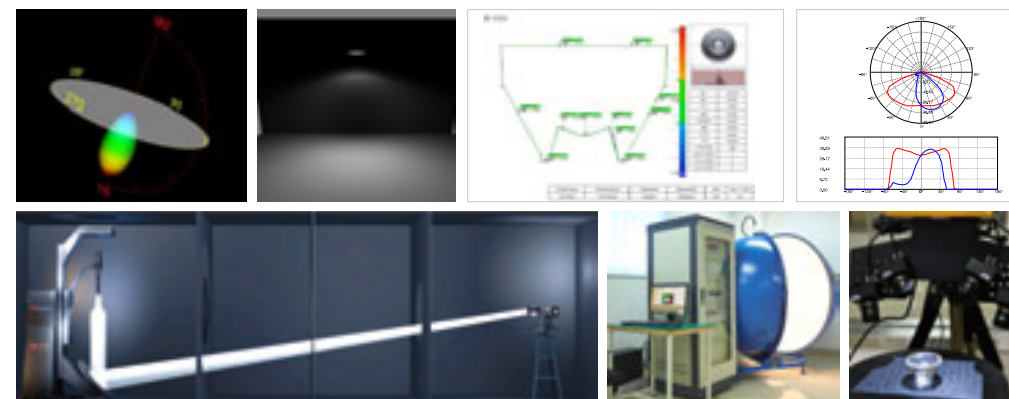
Professional optic design software of non-imaging optics, which has faster and accurate simulations of reflection, refraction and transmission. Hence shorter development lead time and cost saving.



我们专业的团队可对不同场景设计不同的光型，具有灵活性、多样性、实用性。
Experienced and professional design team familiar with different design applications .

OPTICAL TESTING

光学检测



我们拥有实验室级别的测试室，包括光学测试的分布式光度计、积分球，产品偏差测试的3维扫描仪、3坐标测量仪等。光学测试误可差达到1%以内。

Professional lab test devices : goniometer, integrated shepherd , 3D scanners for product accuracy testing, and 3 Coordinate Measuring Machine . The optical test deviation within 1%.



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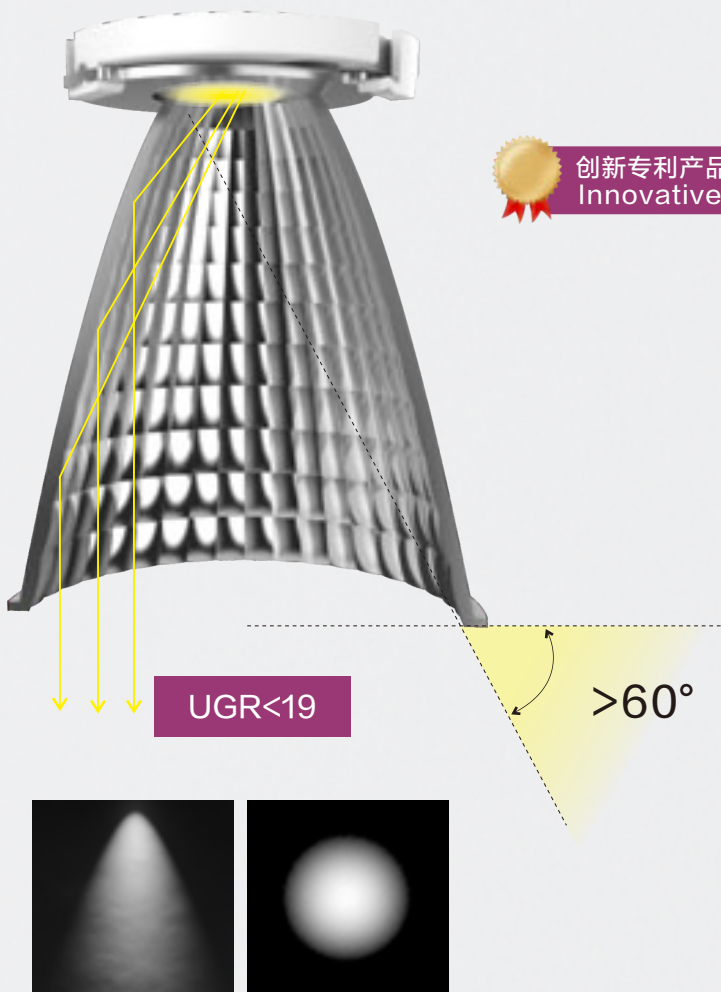
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铝反光杯
AL REFLECTOR

深筒AU反光杯系列 (G2)
AU Deep Spot Light Series(G2)

追求高质光斑
High quality of light

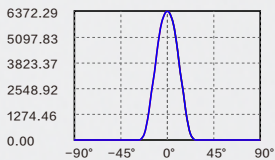


创新专利产品
Innovative patent

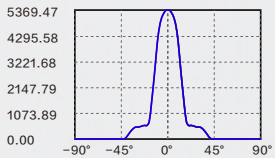
- 杯口与高度最佳光学比例1:1，防眩角度 $>60^{\circ}$ ， $UGR < 19$ 。
- 光斑无分层无暗区
- 提升了有效光线的利用率，中心光强比常规尺寸的反光杯要高10%-15%。
- 无需额外配件即可达深藏防眩效果，节省成本。
- 自旋固定支架（BJB支架或日大焊接型支架）
- 铝质杯耐高温使用寿命长，为高端灯具首选。

- Best optical ratio of OD vs H 1:1, anti-glare angle $>60^{\circ}$ ， $UGR < 19$.
- The spot has no delamination and no dark area
- center light utilization increase 10-15%
- No additional accessories to achieve deep anti-glare effect, saving costs.
- Twist-lock fixing system (BJB holder or NT sholdering holder)
- AL material with high temperature resistance and long life cycle, best choice for high-end lighting.

AU Deep Spot Light Series(G2)



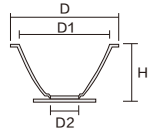
Other Reflector



AL REFLECTOR AU DEEP SPOT LIGHT SERIES(G2)



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
1-0918-M	45	39	9.8	45.7	18°	CITIZEN CLU028	92.70.124.00
1-0919-M	45	39	9.8	45.7	24°		
1-0920-M	45	39	9.8	45.7	34°		
COMPATIBLE LIGHT SOURCES:							
• BRIDGELUX V10B • CREE CXA1507 • LUMILEDS LUXEON CoB 1203 • TRIDONIC SLE G7 9MM							



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
1-0926-M	50	46	9.9	55.7	16°	CITIZEN CLU028	92.70.124.00
1-0927-M	50	46	9.9	55.7	24°		
1-0928-M	50	46	9.9	55.7	34°		
COMPATIBLE LIGHT SOURCES:							
• BRIDGELUX V10B • CREE CXA1507 • LUMILEDS LUXEON CoB 1203 • TRIDONIC SLE G7 9MM							
HOLDER: 92.70.XXX.00							



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
2-2076-M	70	65.2	14.5	75.1	16°	CITIZEN CLU038	92.70.131.00
2-2077-M	70	65.2	15	75.1	24°		
2-2078-M	70	65.2	15	75.1	34°		
COMPATIBLE LIGHT SOURCES:							
• BRIDGELUX V13B • CREE CXA1830 • LUMILEDS LUXEON CoB 1208 • OSRAM OPTO SOLERIQ S15							
HOLDER: 92.70.XXX.00							



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
1-1005-M	45	39	9.8	45.7	16°	CITIZEN CLU028	BJB 47.360.1020
1-1006-M	45	39	9.8	45.7	24°		
1-1007-M	45	39	9.8	45.7	34°		
COMPATIBLE LIGHT SOURCES:							
• BRIDGELUX V10B		• SAMSUNG LC009		• PHILIPS SLM 1203		• TRIDONIC SLE G7 9MM	



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
1-1008-M	50	46	9.8	55.7	16°	CITIZEN CLU028	BJB 47.360.1020
1-1009-M	50	46	9.8	55.7	24°		
1-1010-M	50	46	9.8	55.7	34°		
COMPATIBLE LIGHT SOURCES:							
• BRIDGELUX V10B		• SAMSUNG LC009		• PHILIPS SLM 1203		• TRIDONIC SLE G7 9MM	



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
2-2135-M	70	65.2	14.5	75.1	16°	CITIZEN CLU038	BJB 47.360.1010
2-2136-M	70	65.2	15	75.1	24°		
2-2137-M	70	65.2	15	75.1	34°		
COMPATIBLE LIGHT SOURCES:							
• TRIDONIC SLE G5							

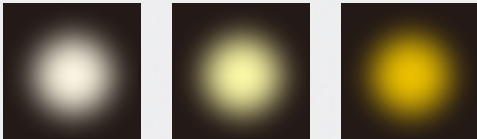


防眩筒灯BG反光杯系列

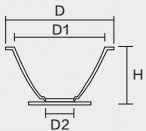
BG Low-glare Downlight Reflector Series

- 超强混光能力，光斑均匀，UGR<19，防眩保护角>38°。
- 高筒高深藏光，双层防眩结构，防眩与反光杯一体化。
- 搭配双色SMD光源光学方案，2700k -6500k 无级调光，灵活多变。
- 旋扣装配方式，简单便捷。

- Super light mixing ability, uniform spot, UGR<19, anti-glare protection angle>38° .
- High tube and deep hidden light, double anti-glare structure, anti-glare and reflective cup integration.
- 2700k-6500k SMD light source, flexible and changeable.
- Twist-lock assembly.



 3-2403-A	CODE	D	D1	D2	H	FWHM	LIGHT SOURCE	LENS
	3-2403-A	83	78	38	61.7	55°	LUMILEDSLUXEON 3030-24PCS	92.70.231.00
 5-1134-A	4-2449-A	110	104	38	71.7	55°	LUMILEDSLUXEON 3030-36PCS	
	5-1134-A	139	134	60	91.2	55°	LUMILEDSLUXEON 3030-60PCS	92.70.231.00
	7-0705-A	189	184	60	111.2	55°	LUMILEDSLUXEON 3030-72PCS	

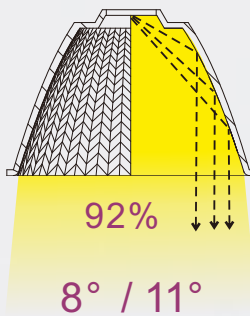


小角度AH反光杯系列

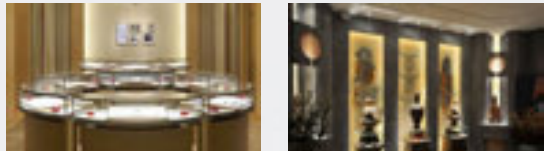
AH Spot Beam Reflector Series

- 角度小至8° 及11° ，高度聚焦。
- 尺寸只有35及45MM，应用场所通用性高。

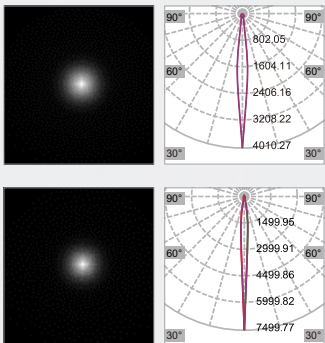
- Beam angle only 8° and 11° , spot highly focused on proudct.
- Tiny size 35mm & 45mm diameter widely apply on general places, good for cost saving.



应用场合 Application:
商照射灯，珠宝店，博物馆
Commercial Lighting, jewellery shops, museum



 1-0870-A	CODE	D	D1	D2	H	FWHM	LIGHT SOURCE	HOLDER
	1-0870-A	35	31.9	7.2	23.3	11°	CITIZEN CLU7A2 LES4.2	92.70.043.00
 1-0871-A	CODE	D	D1	D2	H	FWHM	LIGHT SOURCE	HOLDER
	1-0871-A	45	42	7.2	29.8	8°	CITIZEN CLU7A2 LES4.2	92.70.043.00





鱼鳞BF反光杯系列
BF Scale reflector Series

- 创新专利花纹系列, 搭配灯具令人耳目一新;
 - 角度15° , 24° , 36° 和60° ;
 - 搭配NATA专用光学配件, 更可靠更好用的装配方案;
 - 本系列产品采用雾银表面处理, 拥有更柔和, 更均匀的光学效果。
-
- Fresh look! Innovative patent scale texture.
 - Beam angles: 15° , 24° , 36° and 60° .
 - Professional Nata fixing system.
 - Semi-specular finishing, good light shape and low glare.

应用场合 Application:
商业照明, 办公照明, 高档写字楼, 酒店, 会所等
Commercial Lighting; Office Lighting, Hotel, Clubs



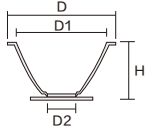
创新专利产品
Innovative patent



雾银表面处理
Semi-specular finishing

AL REFLECTOR BF SCALE REFLECTOR SERIES

APPEARANCE	CODE	D	D1	D2	H	FWHM	LIGHT SOURCE	HOLDER
	2-2004-M	75	70	23	43	15°	LUMILEDS LUXEON COB 1205	92.70.135.00
	2-2006-M	75	70	23	43	24°	LUMILEDS LUXEON COB 1205	92.70.135.00
	2-2008-M	75	70	23	43	36°	LUMILEDS LUXEON COB 1205	92.70.135.00
	2-2010-M	75	70	23	43	60°	LUMILEDS LUXEON COB 1205	92.70.135.00
	3-2322-M	85	78	23	51.1	15°	LUMILEDS LUXEON COB 1205	92.70.135.00
	3-2324-M	85	78	23	51.1	24°	LUMILEDS LUXEON COB 1205	92.70.135.00
	3-2326-M	85	78	23	51.1	36°	LUMILEDS LUXEON COB 1205	92.70.135.00
	3-2328-M	85	78	23	51.1	60°	LUMILEDS LUXEON COB 1205	92.70.135.00

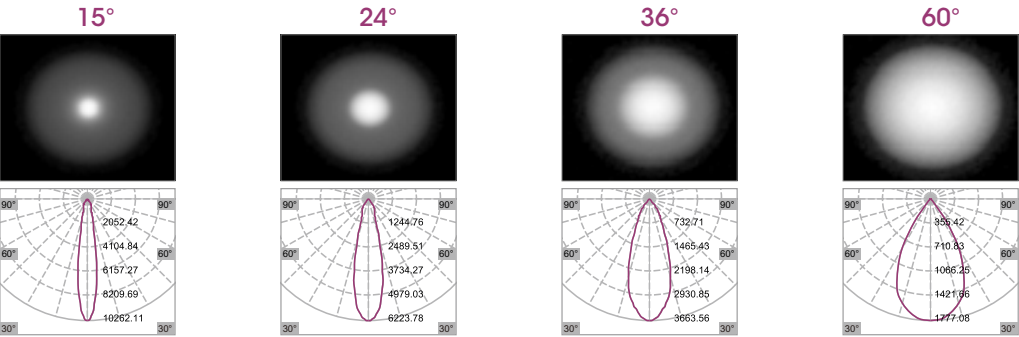


COMPATIBLE LIGHT SOURCES:
• BRIDGELUX V13B
HOLDER: 92.70.XXX.00

• CREE CXA1830

• OSRAM OPTO SOLERIQ S13

• TRIDONIC SLE G7 9MM



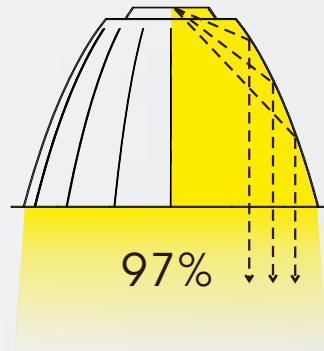


切合AV反光杯系列

AV Segment Reflector Series

超高反射率反光板切合而成，出光率高达 **97%**
High reflection aluminum sheet Efficiency up to **97%**

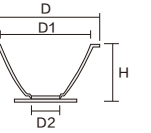
Alanod Miro 20 Silver/Miro 4 



AL REFLECTOR AV SEGMENT REFLECTOR REFLECTOR



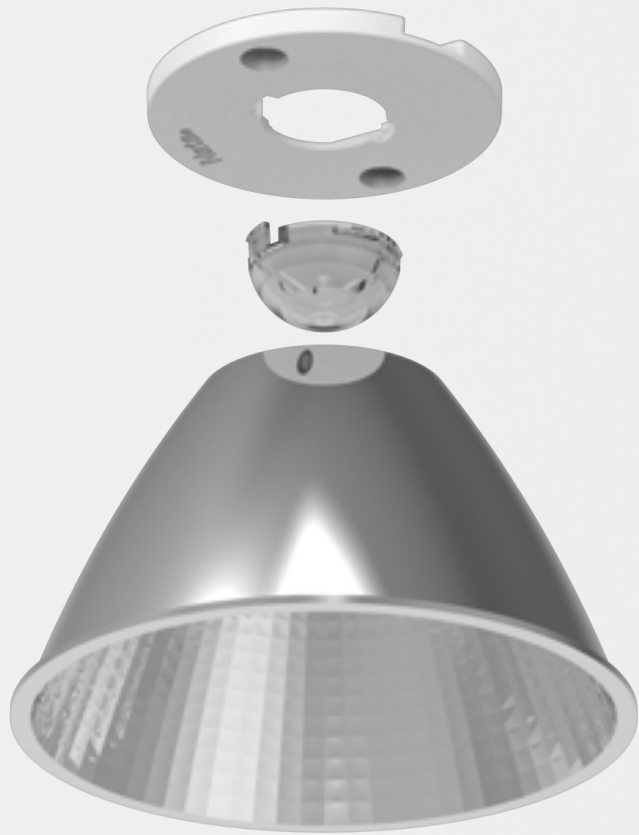
CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
2-1777-L	75	64.4	24	43	15°	CREE CXA1820 LES12	92.70.129.00
2-1778-L	75	64.4	24	43	26°		
2-1779-L	75	64.4	24	43	38°		
COMPATIBLE LIGHT SOURCES:							
• CITIZEN CLU038 • LUMINUS CXM-14-AC30 • LUMILEDS LUXEON 1208 • SEOUL SAWx15							
HOLDER: 92.70.XXX.00							



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
3-1880-L	85	74.4	24	51	15°	LUMILEDS LUXEON COB 1208 LES15	92.70.135.00
3-1882-L	85	74.4	24	51	24°		
3-1884-L	85	74.4	24	51	36°		
VICE LIGHT SOURCE:							
• CITIZEN CLU038		• LUMINUS CXM-14-AC30		• CREE CXA1820		• SEOUL SAWx15	
HOLDER: 92.70.XXX.00							

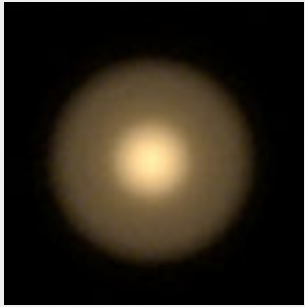


CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
4-2200-L	111	102	26	69.5	15°	LUMILEDS LUXEON COB 1208 LES15	92.70.135.00
4-2202-L	111	102	26	69.5	23°		
4-2204-L	111	101.9	26	69.5	40°		
COMPATIBLE LIGHT SOURCES:							
• CITIZEN CLU038 • LUMINUS CXM-14-AC30 • CREE CXA1820 • SEOUL SAWx15							
HOLDER: 92.70.XXX.00							



调光AG反光杯系列 AG Dimming Reflector Series

搭配调光光源，可以实现多种色温的调节，满足各种场合对色温的要求。
Compatible with dimmable light source to fulfil the color temperature requirements in different places.

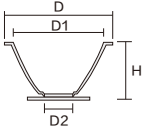


AL REFLECTOR AG DIMMING REFLECTOR SERIES



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER	ADAPTER
1731-A	49.6	46	15	23.8	18°	BRIDGELUX BXRV-DR-1830-H- 1000-B-13 LES9.3	BENDER AND WIRTH HOLDER490	92.76.330.00	—
1732-A	49.6	46	15	23.8	38°				
1733-A	49.6	46	15	23.8	60°				

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER	ADAPTER
1701-A	50	46	19.4	23.8	19°	CITIZEN LCN-C01B LES10.9	92.70.150.00	—	92.70.152.00
1702-A	50	46	19.4	23.8	28°				

COMPATIBLE LIGHT SOURCES:
• CITIZEN LCN-C02B LES14.5
HOLDER: 92.70.XXX.00



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER	ADAPTER
2-1719-A	75	70	19.4	43	13°	CITIZEN LCN-C01B LES10.9	92.70.150.00	—	92.70.152.00
2-1720-A	75	70	19.4	43	24°				

COMPATIBLE LIGHT SOURCES:
• CITIZEN LCN-C02B LES14.5
HOLDER: 92.70.XXX.00



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER	ADAPTER
3-2079-E	85	79.5	23.2	51	20°	CITIZEN LCN-C03A LES18.2	92.70.151.00	—	92.70.153.00
3-2080-E	85	79.5	23.2	51	31°				

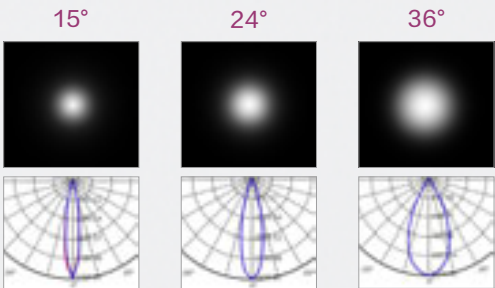
COMPATIBLE LIGHT SOURCES:



免焊AK&AM系列 Poke-in AK& AM Series

拥有多种尺寸搭配TE&NATA免焊光源支架，LED两极无需焊线，有效的提升工作效率。

Wide size range to fit TE & NATA poke-in holder.
No soldering cost, high working efficiency.





2-1120-A3

CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
2-1120-A3	75	71.4	25	43	15°	OSRAM OPTO SOLERIQ S13 G2 LES13	99.02.73.172	92.76.365.00
2-1121-A4	75	70.8	25	43	26°			
2-1122-A4	75	69.5	25	43	36°			

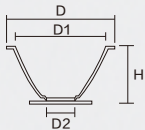
COMPATIBLE LIGHT SOURCES:

- BRIDGELUX V9HD / V13B / V18B
- LUMINUS CXM-11 / CLM-14
- NICHIA NFCLJ060B

HOLDER: 99.02.73.172

- CITIZEN CLU038 / CLU720 / CLU720
- CREE CXA1830
- OSRAM OPTO SOLERIQ S15

- LUMILEDS LUXEON 1208
- SAMSUNG LC026D
- TRIDONIC SLE G7 13MM / SLE G7 15MM

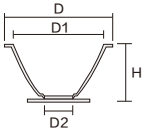


 2-1701-E	CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
	2-1701-A	75	71.4	25	43.8	26°	BRIDGELUX V22B LES22	99.02.73.173	92.76.365.00
	2-1702-A	75	70	25	43.6	36°			
	2-1703-A	75	69.5	25	43.8	44°			
COMPATIBLE LIGHT SOURCES: • CITIZEN CLU048 HOLDER: 99.02.73.173 • CREE CXA3050 • LUMILEDS LUXEON 1216									

AL REFLECTOR POKE-IN AK& AM SERIES



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
2-1536-E	75	71.4	23.2	43.4	15°	CREE CXA1830 LES14	99.02.73.180	92.76.323.00
2-1537-E	75	69.5	23.2	43.4	34°			
2-1538-E	75	70	23.2	43	60°			
COMPATIBLE LIGHT SOURCES: ▪ LUMILEDS LUXEON 1205 / LUXEON 1208 HOLDER: 99.02.73.XXX								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
3-1548-A3	85	79.3	25	51	15°	OSRAM OPTO SOLIERQ S13 G2 LES13	99.02.73.172	92.76.365.00
3-1549-A3	85	79	25	51	24°			
3-1550-A3	85	78	25	51	46°			
COMPATIBLE LIGHT SOURCES:								
• BRIDGELUX V13B / V18B			• CITIZEN CLU038 / CLU720			• LUMILEDS LUXEON 1208		• LUMINUS CXM-11 / CLM-14
• CREE CXA1830 / CMT 1922			• SAMSUNG LC026D			• NICHIA NFCLJ060B		• OSRAM OPTO SOLIERQ S15
• TRIDONIC SLE G7 13MM / SLE G7 15MM								
HOLDER: 99.02.73.172								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
3-2054-A	85	79.3	25	51.8	24°	LUMILEDS LUXEON COB 1216 LES23	99.02.73.173	92.76.365.00
3-2055-E	85	79	25	51.8	30°			
3-2056-A	85	78	25	51.8	50°			
COMPATIBLE LIGHT SOURCES:								
▪ CITIZEN CLU048			▪ CREE CXA3050					
HOLDER: 99.02.73.173								



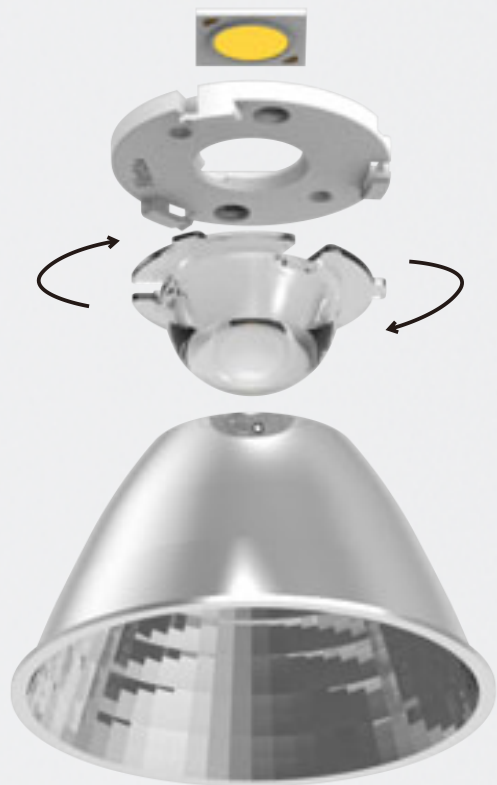
CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
3-1915-E	85	79.1	23.2	51.4	15°	CREE CXA1830 LES14	99.02.73.180	92.76.323.00
3-1916-E	85	79	23.2	51.4	22°			
3-1920-E	85	76	23.2	51	58°			
COMPATIBLE LIGHT SOURCES:								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
3-1917-E	95	84	23.2	55.4	25°	CREE CXA1830 LES14	99.02.73.180	92.76.323.00
3-1918-E	95	84	23.2	55.4	38°			
COMPATIBLE LIGHT SOURCES:								



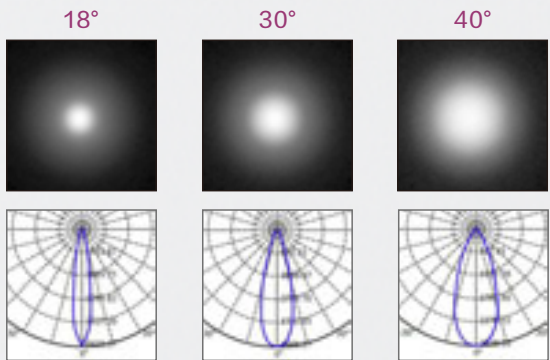
CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
3-1545-A3	95	84	25	54.8	12°	OSRAM OPTO SOLERIQ S13 G2 LES13	99.02.73.172	92.76.365.00
3-1546-A3	95	84	25	55	25°			
3-1547-A3	95	84	25	55	36°			
COMPATIBLE LIGHT SOURCES:								
• BRIDGELUX V9HD / V13B			• CITIZEN CLU038 / CLU720			• LUMILEDS LUXEON 1208		• LUMINUS CXM-11 / CLM-14
• CREE CMT1922			• SAMSUNG LC026D			• OSRAM OPTO SOLERIQ S15		
• TRIDONIC SLE G7 13MM / SLE G7 15MM								
HOLDER: 99.02.73.172								



导光柱AF反光杯系列

AF Light Pie Reflector Series

导光柱方案可以有效地优化杂散光，使光斑过渡更均匀。
Light pie improves the fields , more evenly light shape.

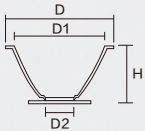


CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	ADAPTER
1676-A	49.6	45.9	20	27	20°	CREE CXA1512 LES8.9	92.70.046.00	92.70.147.00
1677-A	49.6	46	20	27	35°			
1678-A	49.6	46	20	27	40°			

COMPATIBLE LIGHT SOURCES:

- CITIZEN CLU028
- LUMILEDS LUXEON 1203
- TRIDONIC SLE G5 LES10
- LUMINUS CXM-6
- NICHIA NFCWL036B
- SEOUL SAWx10

HOLDER: 92.70.XXX.00



AL REFLECTOR AF LIGHT PIE REFLECTOR SERIES



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	ADAPTER
2-1606-A	62	58	20	31	15°	CREE CXA1507 LES8.9	92.70.046.00	92.70.147.00
2-1607-E	62	58	20	31	28°			
2-1608-E	62	58	20	31	38°			

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	ADAPTER
2-1570-A	69	64	20	37	14°	CREE CXA1512 LES8.9	92.70.046.00	92.70.147.00
2-1571-A	69	64	20	37	26°			
2-1572-A	69	64	20	37	36°			

COMPATIBLE LIGHT SOURCES:

- CITIZEN CLU028
- LUMILEDS LUXEON 1203
- TRIDONIC SLE G5 LES10
- NICHIA NFCWL036B
- SEOUL SAWx10

HOLDER: 92.70.XXX.00



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	ADAPTER
2-1609-E	75	68	20	38	15°	CREE CXA1520 LES8.9	92.70.046.00	92.70.147.00
2-1610-E	75	68	20	38	24°			
2-1611-A	75	68	20	38	36°			

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	ADAPTER
2-1650-A	75	70	29.4	41	18°	CREE CXA1816 LES12	92.70.129.00	97.70.148.00
2-1651-A	75	70	29.4	41	30°			
2-1652-A	75	70	29.4	41	40°			

COMPATIBLE LIGHT SOURCES:

- CITIZEN CLU721
- LUMILEDS LUXEON 1208
- LUMINUS CXM-14
- SEOUL SAWx10

HOLDER: 92.70.XXX.00



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	ADAPTER
3-2016-A	85	82	32	46	15°	LUMILEDS LUXEON COB 1205 LES13	92.70.045.00	92.70.089.00
3-2017-A	85	82	32	46	25°			
3-2018-A	85	82	32	46	39°			

COMPATIBLE LIGHT SOURCES:

- LUMINUS CXM-14
- CREE CXA2520
- NICHIA NVEWJ048Z
- SEOUL SAWx10

HOLDER: 92.70.XXX.00



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	ADAPTER
3-2019-A	95	86	32	51	16°	LUMILEDS LUXEON COB 1205 LES13	92.70.045.00	92.70.089.00
3-2020-A	95	86	32	51	25°			
3-2021-A	95	86	32	51	46°			

COMPATIBLE LIGHT SOURCES:

- LUMINUS CXM-14
- CREE CXA2520
- NICHIA NVEWJ048Z
- SEOUL SAWx10

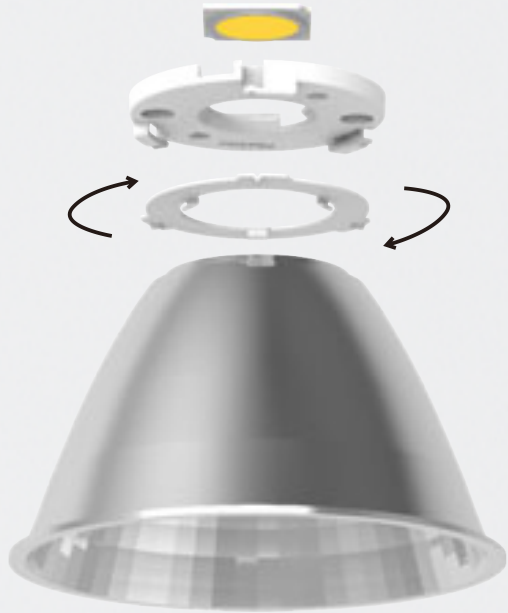
HOLDER: 92.70.XXX.00

旋扣AR反光杯系列

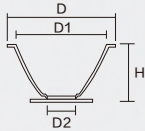
AR Twist Lock Reflector Series

- 搭配NATA专用光学配件，通过旋扣方式固定光学器件，更可靠更好用的装配方案；
- 本系列为NATA专利产品。

- Compatible for Nata optic parts. Fixation by twist lock, firm lock, low labor cost!
- This range is patented products.



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
2-1678-M	75	70	16	42.4	11°	CREE CXA1512 LES8.9	92.70.127.00
2-1680-M	75	70	16	42.4	24°		
2-1682-M	75	70	16	42.4	36°		
COMPATIBLE LIGHT SOURCES:							
• LUMINUS CXM-9 / CXM-6 / CHM-9 / CXM-7 • CITIZEN CLU028 • BRIDGELUX V10B • CREE CMT1420 • TRIDONIC SLE G7 9MM • XICATO XOB LES 9.8MM • BMTC MA-1313 • NICHIA NTCWT012B / NVNWS007Z / NFCWL036B							
HOLDER: 92.70.XXX.00							



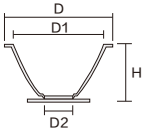
CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
1709-M	49.6	46.4	16	21.7	18°	CITIZEN CLU026 LES9.8	92.70.124.00
1687-M	49.6	46.4	16	21.7	25°		
1-0788-M	49.6	46.4	16	21.7	34°		
1689-M	49.6	46	16	21.7	68°		
COMPATIBLE LIGHT SOURCES:							
• LUMENS CXM-6 / CXM-7 / CXM-9 / CHM-9		• TRIDONIC SLE G7 9MM		• CREE CXA1512 / CMT1420		• NICHIA NTCWT012B	
• BRIDGELUX V4HD / V6HD / V10B		• XICATO XOB LES 9.8MM					
HOLDER: 92.70.XXX.00							



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
2-1674-M	75	71.4	23	43.2	15°	CITIZEN CLU038 LES14.5	92.70.131.00
2-1672-M	75	70	23	43	25°		
2-1676-M	75	69.5	23	43.2	35°		
COMPATIBLE LIGHT SOURCES:							
• LUMILEDS LUXEON 1208 / LUXEON 1205		• CREE CMT1922		• BRIDGELUX V9 / V13B		• CITIZEN CLU038	
• OSRAM OPTO SOLERIQ S13 / SOLERIQ S15		• LUMINUS CXM-11		• BMTC MA-1919		• SEOUL SAWx15	
• NICHIA NFCWD096B / NFCWD084B / NVEWJ048Z / NFCWJ108B / NFCWJ120B							
HOLDER: 92.70.XXX.00							



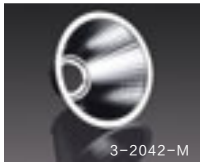
CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
2-1738-M	75	71.4	28	43.2	25°	CITIZEN CLU044 LES22	92.70.136.00
2-1740-M	75	70	28	43	36°		
2-1742-M	75	69.5	28	43.2	40°		
COMPATIBLE LIGHT SOURCES:							
• CREE CMT2850 / CXA2520 / CXA3050				• BRIDGELUXV 22B			
HOLDER: 92.70.XXX.00							



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE		HOLDER
3-2033-M	85	79.3	23	51.2	14°	BRIDGELUX V13B LES13		92.70.131.00
3-2040-M	85	79	23	51	22°			
3-2035-M	85	79	23	51.2	42°			
COMPATIBLE LIGHT SOURCES:								
• LUMILEDS LUXEON 1208 / LUXEON 1205			• CREE CXA1830 / CMT1922			• BRIDGELUX V9HD		• CITIZEN CLU038
• OSRAM OPTO SOLERIQ S13 / SOLERIQ S15			• LUMINUS CXM-11			• BMTC MA-1919		• SEOUL SAWx15
• NICHIA NFCWD096B / NFCWD084B / NVEWJ048Z / NFCWJ108B / NFCWJ120B						• TRIDONIC SLE G7 13MM / SLE G7 15MM		
HOLDER: 92.70.XXX.00								



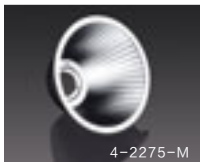
CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
3-2093-M	85	79.3	28	51.2	23°	CITIZEN CLU044 LES22	92.70.136.00
3-2095-M	85	79	28	51.2	28°		
3-2097-M	85	78	28	51.2	45°		
COMPATIBLE LIGHT SOURCES: • CREE CMT2850 / CXA3050 HOLDER: 92.70.XXX.00							



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
3-2042-M	95	84	23	55	13°	BRIDGELUX V13B LES13	92.70.131.00
3-2044-M	95	84	23	55.2	25°		
3-2046-M	95	84	23	55.2	34°		
COMPATIBLE LIGHT SOURCES:							
• LUMILEDS LUXEON 1208 / LUXEON 1205		• CREE CXA1830 / CMT1922		• BRIDGELUX V9HD		• CITIZEN CLU038	
• OSRAM OPTO SOLERIQ S13 / SOLERIQ S15		• LUMINUS CXM-11		• BMTC MA-1919		• SEOUL SAWx15	
• NICHIA NFCWD096B / NFCWD084B / NVEWJ048Z / NFCWJ108B / NFCWJ120B		• TRIDONIC SLE G7 13MM / SLE G7 15MM					
HOLDER: 92.70.XXX.00							



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
3-2099-M	95	84	28	55	21°	CITIZEN CLU044 LES22	92.70.136.00
3-2101-M	95	84	28	55.2	32°		
COMPATIBLE LIGHT SOURCES: • CREE CMT2850 / CXA3050 HOLDER: 92.70.XXX.00							

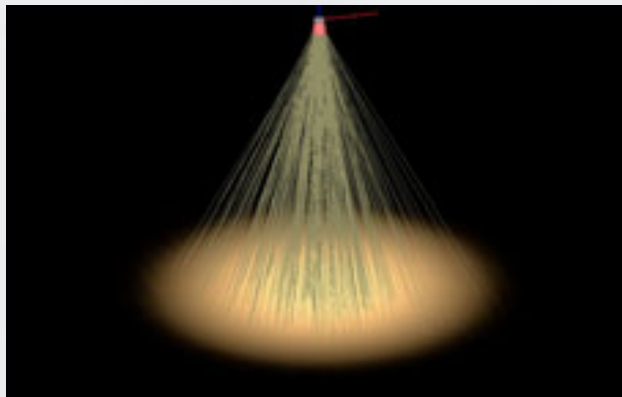


CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
4-2273-M	111	100	23	64.6	11°	BRIDGELUX V13B LES13	92.70.131.00
4-2275-M	111	100	23	64.1	18°		
4-2267-M	111	100	22.4	64.2	35°		
COMPATIBLE LIGHT SOURCES:							
• LUMILEDS LUXEON 1208 / LUXEON 1205 • CREE CXA1830 / CMT1922 • BRIDGELUX V9HD • CITIZEN CLU038 • OSRAM OPTO SOLERIQ S13 / SOLERIQ S15 • LUMINUS CXM-11 • BMTC MA-1919 • SEOUL SAWx15 • NICHIA NFCWD096B / NFCWD084B / NVEWJ048Z / NFCWJ108B / NFCWJ120B • TRIDONIC SLE G7 13MM / SLE G7 15MM							
HOLDER: 92.70.XXX.00							

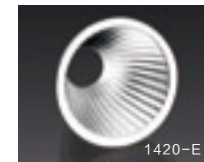


高筒AU射灯系列 AU Deep Spot Light Series

- 本系列反光杯的高度和口径比为1:0.8~0.9，因此拥有更低的UGR值及几乎为零的目视眩光。
- 优秀的光斑均匀性，对比同类产品杂散光（余光）更少。
- Size ratio of this range for Height and Diameter is 1:0.8-0.9, lower UGR and almost Zero glare.
- Less files and excellent light shapes compare with similar range of products.

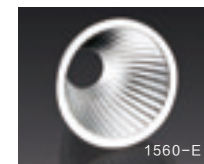
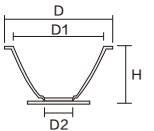


AL REFLECTOR AU DEEP SPOT LIGHT SERIES



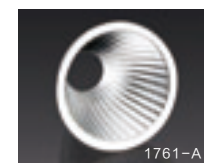
CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
1420-E	46	41	13.5	36	15°	CREE CXA1512 LES8.9	92.70.046.00
1421-E	46	40	13.5	36	30°		
1422-E	46	41	13.5	36	38°		

COMPATIBLE LIGHT SOURCES:



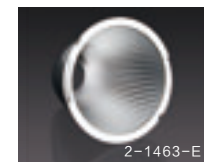
CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
1560-E	50	44.5	13.5	45	15°	CREE CXA1512 LES8.9	92.70.046.00
1561-E	50	44.5	13.5	45	24°		
1562-E	50	44.5	13.5	45	36°		

COMPATIBLE LIGHT SOURCES:



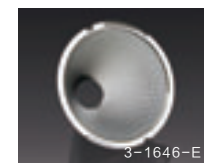
CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
1761-A	50	46	18.5	45.7	15°	CITIZEN CLU028 LES9.8	99.02.73.171
1762-A	50	46	18.5	45.7	24°		
1763-A	50	46	18.5	45.7	38°		

COMPATIBLE LIGHT SOURCES:



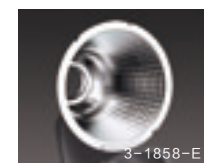
CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
2-1463-A	75	64	23	65	15°	LUMILEDS LUXEON COB 1208 LES15	92.70.135.00
2-1464-E	75	64	23	65	25°		
2-1465-E	75	62	23	65	36°		

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
3-1646-E	85	78	25.4	70	18°	CREE CXA2520 LES19	92.70.134.00
3-1647-E	85	78	25.4	70	24°		
3-1648-E	85	78	25.6	70	34°		

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
3-1858-E	95	82	23	80	18°	LUMILEDS LUXEON COB 1208 LES15	99.02.73.181
3-1859-E	95	82	23	80	25°		
3-1860-E	95	82	23	80	33°		

COMPATIBLE LIGHT SOURCES:



常规射灯前环固定AD系列 AD Flange Fixation Series

本系列反光杯的边口拥有固定结构，可与灯具前环做固定，极大减少灯具设计师的前期工作及烦恼。

Flange fixation structure to fix the casting front ring, bottom hole size can be as small as possible.

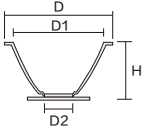
AL REFLECTOR AD FLANGE FIXATION SERIES



1-0853-A

CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
1-0853-A	42	34	18	22.5	36°	CITIZEN CLU028 LES9.8	TE 2313678-6
1-0854-A	42	34	18	22.5	60°		

COMPATIBLE LIGHT SOURCES:



2-1316-E

CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
2-1316-E	65	58	17	40	15°	CREE CXA1820 LES12	92.70.074.00
2-1317-E	65	58	17	40	24°		
2-1318-E	65	58	17	40	36°		

COMPATIBLE LIGHT SOURCES:

- XICATO XOB LES 9.8MM
- HOLDER: 92.70.XXX.00



2-1957-A

CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
2-1957-A	75	67	26	43	36°	TRIDONIC SLE G6 LES23	---
2-1958-A	75	67	26	43	60°		

COMPATIBLE LIGHT SOURCES:



3-1822-E

CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
3-1822-E	85	72	23.5	51	16°	LUMILEDS LUXEON COB 1208 LES15	99.02.73.181
3-1823-E	85	72	23	51	24°		
3-1824-E	85	72	23	51	36°		

COMPATIBLE LIGHT SOURCES:



3-2069-E

CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
3-2069-A	85	76	26	51	25°	PHILIPS SLM 1211 G6 L19	---
3-2070-E	85	76	26	51	39°		
3-2071-A	85	76	26	51	60°		

COMPATIBLE LIGHT SOURCES:



3-1934-E

CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
3-1934-E	95	86	23	62	15°	LUMILEDS LUXEON COB 1208 LES15	99.02.73.181
3-1935-E	95	86	23	62	24°		
3-1936-E	95	86	23	62	36°		
3-1937-E	95	86	23	62	57°		

COMPATIBLE LIGHT SOURCES:

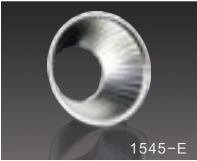


铝反光杯常规射灯系列

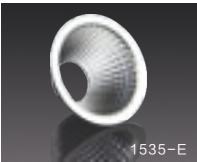
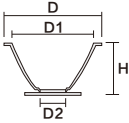
General Spot Light Optic AL Reflector Series

采用高纯度铝片旋压成型，反射率高，耐温性能强。
High purity aluminum spun, high efficiency, high temperture resistance.

AL REFLECTOR GENERAL SPOT LIGHT OPTIC AL REFLECTOR SERIES



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
1545-E	22.5	21	11	10	25°	CREE CXA1304 LES6	92.70.043.00	—
1546-E	22.5	21	11	10	38°			
1547-E	22.5	21	11	10	58°			
1567-E	22.5	21	11	10	80°			
COMPATIBLE LIGHT SOURCES:								
• BRIDGELUX V6 / V8			• SEOUL SAWX06			• CITIZEN CLU700 / CLU028		• LUMILEDS LUXEON 1202S
HOLDER: 92.70.XXX.00								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
1534-E	30	26	11	14	20°	CREE CXA1304 LES6	92.70.043.00	—
1535-E	30	25	11	14	36°			
1536-A	30	25	11	14	55°			
COMPATIBLE LIGHT SOURCES:								
• BRIDGELUX V8			• SEOUL SAWx06			• CITIZEN CLU700 / CLU028		• XICATO XTM 9MM LES
HOLDER: 92.70.XXX.00								



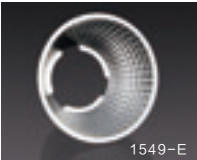
CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
1322-E	43.5	41	13.5	29.5	16°	CREE CXA1507 LES8.9	92.70.046.00	—
1321-E	43.5	41	13.5	29.5	24°			
1320-E	43.5	39.9	13.5	29.5	34°			
COMPATIBLE LIGHT SOURCES:								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
1449-E	46	44	12	23.8	15°	CITIZEN CLU026 LES9.8	92.70.064.00	—
1450-E	46	44	12	23.8	26°			
1451-E	46	44	12	23.8	40°			
1497-E	46	44	12	23.8	58°			
COMPATIBLE LIGHT SOURCES:								
• BRIDGELUX V6 / V8			• CITIZEN CLU700			• LUMILEDS LUXEON 1202S		• XICATO XTM 9MM LES
• CREE CXA1304 / CXA1512								
HOLDER: 92.70.XXX.00								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
1632-M	49.6	46.4	24	20	15°	CREE CXA1512 LES8.9	BJB 47.319.6105	—
1633-M	49.6	46.4	24	20	25°			
1634-M	49.6	46.4	24	20	40°			
1635-M	49.6	46	24	20	65°			
COMPATIBLE LIGHT SOURCES: • TRIDONIC SLE G5 LES10 HOLDER: BJB 47.319.6105								

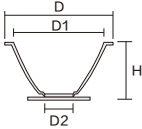


CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
1549-E	49.6	47.6	15	23.6	12°	PHILIPS SLM 1203 G6 L09	—	92.76.330.00
1669-E	49.6	47.6	15	23.6	24°			
COMPATIBLE LIGHT SOURCES: ▪ PHILIPS SLM 1203 G7 L9 HOLDER: BJB 47.319.6105								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
1365-M	49.6	45	12.3	40	16°	XICATO XTM 9MM LES	—	—
1366-M	49.6	45	14.5	40	24°			
1393-M	49.6	45	14.5	40	40°			

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
1364-M	49.6	46.5	14.5	23.6	15°	XICATO XTM 9MM LES	—	—
1612-M	49.6	46	14.5	23.6	60°			
1443-M	49.6	46	22.8	23.6	38°			
1444-M	49.6	46	22.8	23.6	60°			

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
2-1050-M	70	65	22.4	44	18°	XICATO XTM 19MM LES	—	—
2-1051-M	70	64.1	22.4	43.5	35°			
2-1052-M	70	65	22.4	44	45°			
2-1053-M	70	66	22.4	44	60°			

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
2-1158-M	70	66	14	43	11°	XICATO XTM 9MM LES	—	—
2-1163-M	70	65	12	43	24°			
2-1212-M	70	65	12.1	43	40°			
2-1213-M	70	65	12	43	60°			

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
2-1562-M	75	70	24	40.5	10°	CREE CXA1512 LES8.9	BJB 47.319.6105	—
2-1563-M	75	70	24	40.5	24°			
2-1564-M	75	70	24	40.5	38°			
2-1565-M	75	70	24	40.5	60°			

COMPATIBLE LIGHT SOURCES:

- TRIDONIC SLE G5 LES10
- HOLDER: BJB 47.319.XXXX



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
2-1566-M	75	70	32.2	40.6	15°	LUMILEDS LUXEON COB 1204 LES13	BJB 47.319.2011	—
2-1567-M	75	70	32.2	40.6	25°			
2-1568-M	75	70	32.2	40.6	38°			
2-1569-M	75	70	32.2	40.6	60°			

COMPATIBLE LIGHT SOURCES:

- BRIDGELUX V13B
 - PHILIPS SLM 1205 / SLM 1208
 - TRIDONIC SLE G7 17MM / SLE G7 22MM
 - LUMILEDS LUXEON 1208
 - TRIDONIC SLE G5
 - CITIZEN CLU036
 - SEOUL SAWx15
 - CREE CXA1816
- HOLDER: BJB 47.319.XXXX

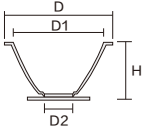
AL REFLECTOR GENERAL SPOT LIGHT OPTIC SERIES



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
2-1091-E	75	68.4	20.1	43	25°	BRIDGELUX VERO 18 LES18	—	92.76.263.00
2-1092-E	75	68.4	20.1	43	36°			
2-1093-E	75	68.4	20.1	43	60°			

COMPATIBLE LIGHT SOURCES:

- BRIDGELUX VERO 13
- HOLDER: 92.70.XXX.00



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
2-1102-E	75	69.9	15.2	43	13°	PARAGONLED CBAC-83-30135 LES13.5	—	—
2-1103-E	75	69.9	15.2	43	26°			
2-1426-E	75	69.9	15	43	47°			

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
2-1131-M	75	68	22.4	51	18°	XICATO XTM 19MM LES	—	—
2-1132-M	75	68	22.4	51	30°			
2-1133-M	75	68	22.4	51	45°			
2-1155-M	75	68	22.4	51	60°			

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
2-1429-E	75	70	20	43	18°	PARAGONLED CBAC-88-36185 22W LES18.5	—	—
2-1430-E	75	68.4	20	43	23°			
2-1431-E	75	68.4	20	43	50°			

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
2-1552-A	75	70	19.9	43	15°	BRIDGELUX VERO SE 13B LES13	—	92.76.374.00
2-1551-A	75	70	19.9	43	24°			
2-1550-A	75	70	19.9	43	38°			
2-1549-A	75	70	19.9	43	65°			

COMPATIBLE LIGHT SOURCES:



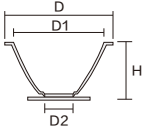
CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
2-1552-A2	75	70	24.8	43	22°	BRIDGELUX VERO SE 18B LES18	—	92.76.375.00
2-1551-A2	75	70	24.8	43	28°			
2-1550-A2	75	70	24.8	43	40°			
2-1790-A	75	70	24.8	43	60°			

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
2-1588-E	75	71.4	20	43	15°	OSRAM PL-CORE-Z6-MINI-3000 LES13	---	---
2-1589-E	75	70	20	43	28°			
2-1590-E	75	69.5	20	43	40°			
2-1591-E	75	70	20	43	60°			

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
2976-E	75	72	22.8	43	18°	OSRAM PL-CORE-AC-2000-G2	---	92.76.233.00
2977-E	75	70	22.8	43	25°			
2978-E	75	70	22.8	42.8	36°			
2-1033-E	75	70	22.8	43	60°			

COMPATIBLE LIGHT SOURCES:

- OSRAM PL-CORE-AC-800-G2



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
3-1938-M	85	78	32.2	51.5	18°	LUMILEDS LUXEON COB 1208 LES15	BJB 47.319.2011	---
3-1939-M	85	78	32.2	51.5	28°			
3-1940-M	85	78	32.2	51.5	38°			
3-1941-M	85	78	32.2	51.5	60°			

COMPATIBLE LIGHT SOURCES:

- BRIDGELUX V13B / V18B
- TRIDONIC G5 LES 15

- LUMILEDS LUXEON 1204
- TRIDONIC SLE G7 17MM

- CITIZEN CLU036

- SEOUL SAWx15

HOLDER: BJB 47.319.XXXX



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
3-1468-E	85	80	20.1	51	15°	BRIDGELUX VERO13 LES13	---	92.76.263.00
3-1469-E	85	76	20.1	51	24°			
3-1484-E	85	76	20.1	51	36°			
3-1816-E	85	76	20.1	51	59°			

COMPATIBLE LIGHT SOURCES:

- BRIDGELUX VERO 18



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
3-1864-E	85	79.3	25	51	16°	CITIZEN CLC251 LES19	---	92.76.340.00
3-1865-E	85	79	25	51	24°			
3-1866-E	85	78	25	51	42°			
3-1922-E	85	76	25	51	58°			

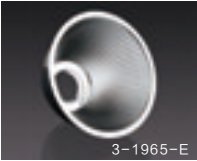
COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
3-1901-M	85	79	22.4	51	24°	XICATO XTM 19MM LES	---	---
3-1903-M	85	79	22.4	51	40°			
3-1905-M	85	79	22.4	51	62°			

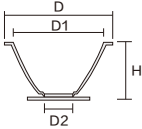
COMPATIBLE LIGHT SOURCES:

AL REFLECTOR GENERAL SPOT LIGHT OPTIC SERIES



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
3-1965-E	85	79	20	51	24°	OSRAM PL-CORE-Z6-MINI-3000 LES13	---	---
3-1966-E	85	78	20	51	36°			

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
3-1984-E	85	79.3	22.8	51	12°	CITIZEN CLC241 LES17	---	92.76.233.00
3-1377-E	85	80	22.8	51	20°			
3-1867-E	85	78	22.8	51	38°			

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
3-1942-M	95	86	32.2	55.5	15°	LUMILEDS LUXEON COB 1205 LES13	BJB 47.319.2011	---
3-1943-M	95	86	32.2	55.5	26°			
3-1944-M	95	86	32.2	55.5	39°			
3-1945-M	95	86	32.2	55.5	58°			

COMPATIBLE LIGHT SOURCES:

- BRIDGELUX V13B / V18B
- PHILIPS SLM 1205 / SLM 1208
- TRIDONIC SLE G7 17MM / SLE G7 22MM

- LUMILEDS LUXEON 1208
- TRIDONIC SLE G5 LES 15

- CITIZEN CLU036
- SEOUL SAWx15

- CREE CXA1816

HOLDER: BJB 47.319.XXXX



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
3-1594-E	95	88	20.1	48	18°	BRIDGELUX VERO 18 LES18	---	92.76.263.00
3-1542-E	95	88	20.1	48	24°			
3-1543-E	95	88	20.1	48	36°			
3-1544-E	95	87.7	20.1	48	56°			

COMPATIBLE LIGHT SOURCES:

- BRIDGELUX VERO 13



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
3-1640-E	95	88	37	45.5	26°	BRIDGELUX VERO29 LES29	---	92.76.227.00
3-1641-E	95	88	37	45.5	38°			
3-1642-E	95	87.6	37	48	55°			

COMPATIBLE LIGHT SOURCES:

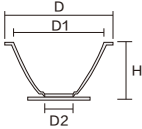


CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
3-1923-E	95	84	25	55	15°	CITIZEN CLC251 LES19	---	92.76.340.00
3-1924-E	95	84	25	55	25°			
3-1925-E	95	84	25	55	40°			

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
4-2219-A	111	100	42	65	21°	BRIDGELUX V22B LES22	BJB 47.319.2030	—
4-2220-A	111	100	42	65	27°			
4-2221-A	111	100	42	65	38°			
4-2222-A	111	100	42	65	63°			
COMPATIBLE LIGHT SOURCES:								
• LUMILEDS LUXEON 1216			• CITIZEN CLU044			• SEOUL SAWx22		
HOLDER: BJB 47.319.XXXX								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
4-1638-E	111	100	20.1	65	15°	BRIDGELUX VERO 18 LES18	—	92.76.263.00
4-1731-E	111	100	20.1	65	27°			
4-1886-E	111	100	20.1	65	36°			
COMPATIBLE LIGHT SOURCES:								
▪ BRIDGELUX VERO 13 (ONLY 4-1731-E, 4-1886-E APPLIES)								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
4-1887-E	111	100	20.1	65	55°	BRIDGELUX VERO 18 LES18	—	92.76.263.00
4-2126-E	111	100	20.1	65	70°			
4-2140-B	111	100	20.1	65	34° *59°			
COMPATIBLE LIGHT SOURCES: ▪ BRIDGELUX VERO 13 (ONLY 4-1887-E APPLIES)								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
4-1664-E	111	100	37	65	24°	BRIDGELUX VERO29 LES29	—	92.76.227.00
4-1666-E	111	100	37	64.9	40°			
4-1820-E	111	100	37	65	55°			
COMPATIBLE LIGHT SOURCES:								



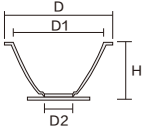
CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
4-2177-E	111	100	22.8	65	13°	OSRAM PL-CORE-AC-2000-G2 LES19	—	92.76.233.00
4-1891-E	111	100	22.8	65	36°			
COMPATIBLE LIGHT SOURCES:								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
4-1761-E	111	100	23.5	65	14°	LUMENS EDC_57C_30W LES21	—	92.76.233.00
4-1762-E	111	100	22.8	65	24°			
4-1763-E	111	100	22.8	65	36°			
4-1940-E	111	100	22.8	65	58°			
COMPATIBLE LIGHT SOURCES: ▪ NICHIA NFCLJ060B (ONLY 4-1761-E, 4-1762-E APPLIES)								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
4-1966-M	111	100	22.4	65	13°	XICATO XTM 19MM LES	—	—
4-1983-M	111	100	22.4	65	24°			
4-1984-M	111	100	22.4	65	40°			
4-1985-M	111	100	22.4	65	60°			
COMPATIBLE LIGHT SOURCES:								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
4-1990-E	111	100	22.8	65	38°	NICHIA NFCLJ060B LES11.5	TE 2213382-2	92.76.233.00
4-1991-E	111	100	22.8	65	48°			
COMPATIBLE LIGHT SOURCES:								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
4-2102-E	111	100	20	65	12°	PARAGONLED CBAC-88-36185 22W LES18.5	—	—
4-2103-E	111	100	20	65	24°			
COMPATIBLE LIGHT SOURCES:								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
4-2173-E	111	100	25	65	15°	CITIZEN CLC251 LES19	—	92.76.340.00
4-2174-E	111	100	25	65	25°			
COMPATIBLE LIGHT SOURCES:								



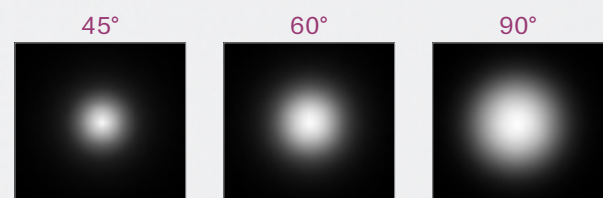
CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
4-2175-E	111	100	22.8	65	9°	CITIZEN CLC241 LES17	—	92.76.233.00
4-2176-E	111	100	22.8	65	31°			
COMPATIBLE LIGHT SOURCES:								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
4-2269-A	111	100	36	65	24°	BRIDGELUX VERO SE 29B LES29	—	—
4-2270-A	111	100	36	65	40°			
4-2271-E	111	100	36	65	62°			
COMPATIBLE LIGHT SOURCES:								

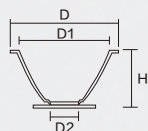
筒灯系列 Downlight Series

- 多种筒灯尺寸，从低功率到高功率均可满足，同时具有更均匀的光形；
- 本系列反光杯可提供多种不同的表面处理。
- Wide range downlight from low to high power application. Good Light shape.
- Varity of light surface treatment.



	CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
	3-1219-E	90	78.5	20	35.5	45°	CREE CXA1512 LES8.9	92.70.046.00	—
COMPATIBLE LIGHT SOURCES: • CREE CXA1816 HOLDER: 92.70.XXX.00									

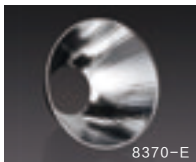
	CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
	5-1014-A	150	140	25	70	57°	PHILIPS SLM 1208 G6 L15	—	92.76.172.00
COMPATIBLE LIGHT SOURCES: • PHILIPS SLM 1205 G6 L13 • PHILIPS SLM 1211 G6 L19									



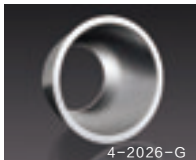
AL REFLECTOR DOWNLIGHT SERIES



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
6723-A	175	160	25	69.1	82°	LUMILEDS LUXEON COB 1216 LES23	99.02.73.173	92.76.365.00
8384-E	214	200	25	84.4	83°			
COMPATIBLE LIGHT SOURCES: • CITIZEN CLU046 HOLDER: 99.02.73.173 • LUMILEDS LUXEON 1211 • CREE CXA3050								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
8370-E	220	214	50	136	13°	CITIZEN CLU550 LES32.8	---	---
COMPATIBLE LIGHT SOURCES:								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
4-2026-G	120	105	67	71.9	74°	PHILIPS DLM FLEX LES64	---	---
6495-EG	158	144	68	73.6	65°			
COMPATIBLE LIGHT SOURCES: • PHILIPS DLM 2000LM / DLM 2000LM / DLM FLEX (ONLY 4-2026-G APPLIES)								



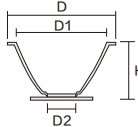
CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
6585-F	170	160	114.5	55	65°	PHILIPS DLM FS 2000LM	---	---
6574-F	170	160	114.5	38	90°	PHILIPS DLM FS 1000LM		
COMPATIBLE LIGHT SOURCES: • PHILIPS DL-S 900LM								

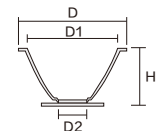


CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
6740-A	170	160	70.5	70	60°	PHILIPS DLM 2000LM LES64	---	---
6740-A2	170	160	70.5	70	62°			
7639-F	171	165	68	60	68°			
COMPATIBLE LIGHT SOURCES:								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
8-0351-M	226	200	146.3	63.2	60°	PHILIPS DLM FS 2000LM	---	---
8-0352-M	226	200	146.3	36.2	90°			
COMPATIBLE LIGHT SOURCES: • PHILIPS DL-S 1200LM								







一体式筒灯系列
Integrated Downlight Series

- 多种筒灯尺寸，从低功率到高功率均可满足，同时具有更均匀的光形；
- 本系列反光杯可提供多种不同的表面处理。
- Size ratio of this range for Height and Diameter is 1:0.8-0.9, lower UGR and almost Zero glare.
- Less files and excellent light shapes compare with similar range of products.

为您的PCB/COB订制的低眩筒灯
OEM/ODM Low glare downlight for your PCB BOARD/COB

表面处理 Surface treatment:



亮光
specular



半哑光
semi-specular



全白
white 2 sides



全黑
black 2 sides



内半哑光外白
specular inner
outer white



内银外白圈
semi-specular
with white trim



亮光白外圈
specular with
white trim



半哑光白外圈
semi-specular
inner outer white

常用尺寸 size:

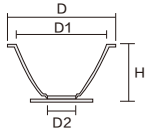


AL REFLECTOR INTEGRATED DOWNLIGHT SERIES



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
5944-AK	135	102.8	55	61.2	78°	OSRAM 2835 9W SMD	---	---
5944-P	135	102.8	55	61.2	79°		---	---

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
5937-AK	145	110.4	57	61.2	85°	OSRAM 2835 9W SMD	---	---
5937-P	145	110.4	57	61.2	82°		---	---

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
6684-AK	165	132.7	70	71.5	70°	OSRAM 2835 12W SMD	---	---
6684-P	165	132.7	70	71.5	83°		---	---

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
7613-AK	189	136.4	69.4	79.5	82°	OSRAM 2835 12W SMD	---	---
7613-P	189	136.4	69.4	79.5	80°		---	---

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
8362-AK	205	195.7	92	91.5	82°	OSRAM 2835 15W SMD	---	---
8362-P	205	195.7	92	91.5	82°		---	---

COMPATIBLE LIGHT SOURCES:



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	METAL ADAPTER
8366-AK	205	157.7	92.7	91.5	78°	OSRAM 2835 15W SMD	---	---
8366-P	205	157.7	92.7	91.5	79°		---	---

COMPATIBLE LIGHT SOURCES:

铝杯工矿灯系列 Lowbay Reflector Series



D x H: 350 x 137.2
100W OSRAM LED 3030



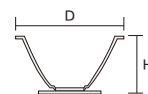
D x H: 396 x 134.7
100W OSRAM LED 3030



D x H: 396 x 109.5
100W OSRAM LED 3030



D x H: 429 x 89.5
100W OSRAM LED 3030



MUTI-FUNCTION/HIGHBAY REFLECTOR SERIES



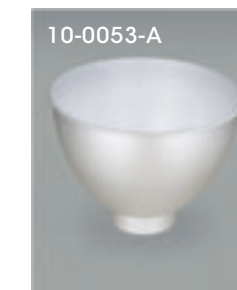
D x H: 512 x 101.8
100W OSRAM LED 3030



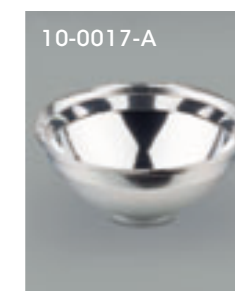
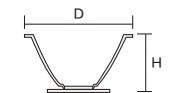
D x H: 377 x 336.5
100W OSRAM LED 3030



D x H: 429 x 235.5
100W OSRAM LED 3030



D x H: 267.8 x 182.73
FWHM: 60°
100W OSRAM LED 3030



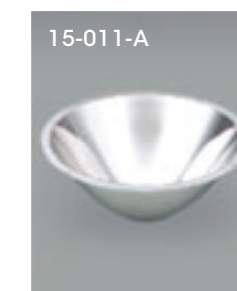
D x H: 270 x 126
100W OSRAM LED 3030



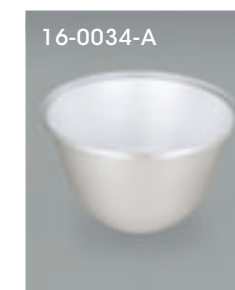
D x H: 278 x 136
FWHM: 10°
100W OSRAM LED 3030



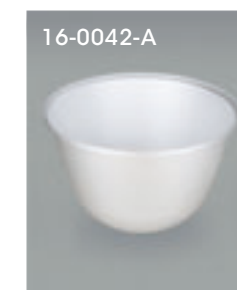
D x H: 286.5 x 169.4
100W OSRAM LED 3030



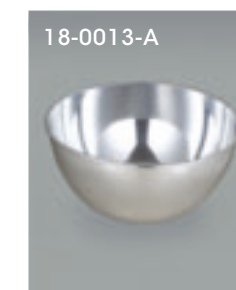
D x H: 401 x 96.7
100W OSRAM LED 3030



D x H: 423.6 x 266.2
FWHM: 35°
100W OSRAM LED 3030



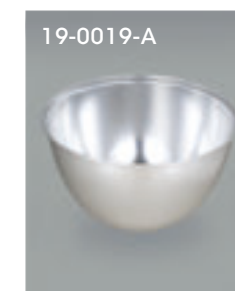
D x H: 423.5 x 290.1
FWHM: 65°
100W OSRAM LED 3030



D x H: 470.1 x 235.1
FWHM: 36°
100W OSRAM LED 3030



D x H: 489 x 295.1
FWHM: 16°
100W OSRAM LED 3030



D x H: 500 x 292.3
FWHM: 35°
100W OSRAM LED 3030



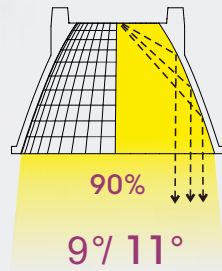
D x H: 524.7 x 130.9
FWHM: 95°
100W OSRAM LED 3030



D x H: 526.6 x 336.5
100W OSRAM LED 3030



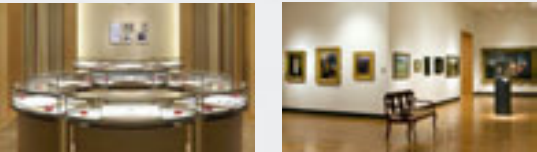
塑料反光杯
PC REFLECTOR

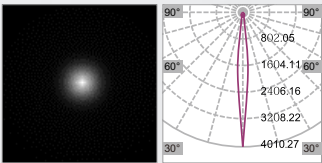
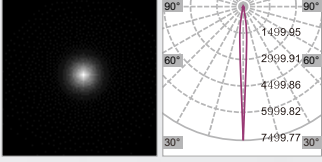


窄细COB反光杯系列 Spot Beam COB reflector Series

- 角度小至9° 及11°，高度聚焦。
- 尺寸只有35及50MM，应用场所通用性高。
- Beam angle only 9° and 11°，spot highly focused on proudct.
- Tiny size 35mm & 50mm diameter widely apply on general places, good for cost saving.

应用场合 Application:
商照射灯，珠宝店，博物馆
Commercial Lighting, jewellery shops, museum



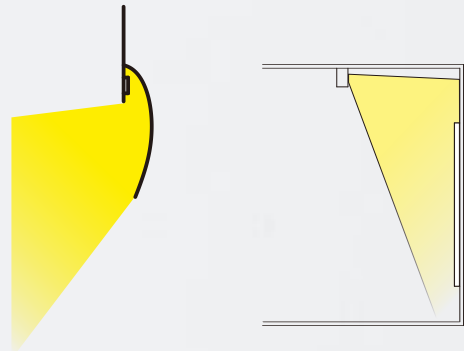
	CODE	D	D1	D2	H	FWHM	LIGHT SOURCE	HOLDER	
	1653-S	35	31.9	13.5	21.5	11°	CITIZEN CLU7A2 LES4.2	92.70.043.00	
	CODE	D	D1	D2	H	FWHM	LIGHT SOURCE	HOLDER	
	1656-S	50	46.8	18.9	30	9°	CITIZEN CLU7A2 LES4.2	92.70.123.00	



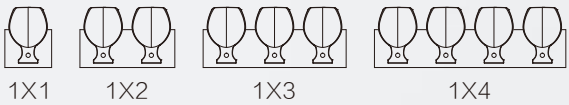
贝壳反光杯系列 Shell Reflector Series

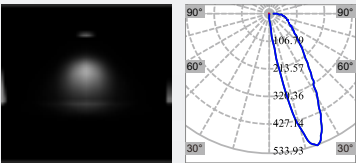
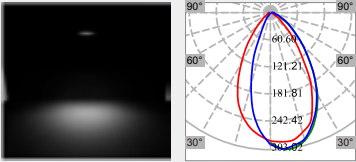
- 可根据灯具功率随意排列不同的数量；
- 安装简便；
- 光斑均匀，眩光值低；
- 反光杯体积小，外观新颖。

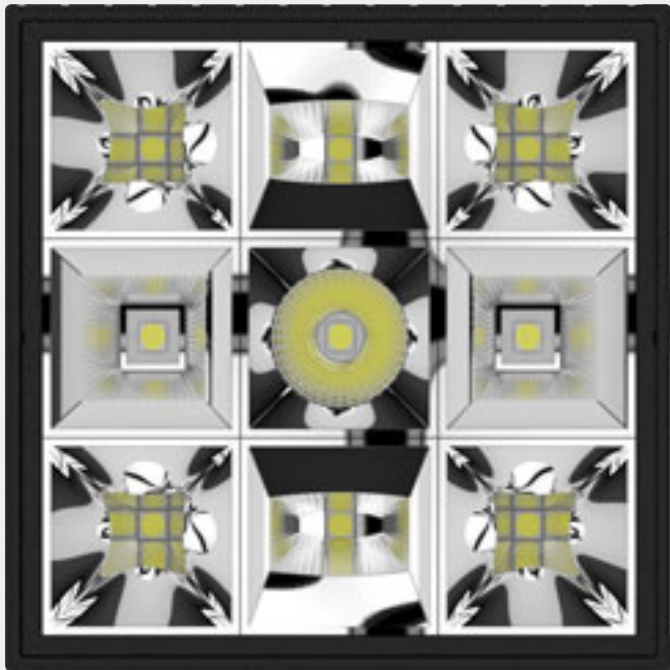
- Quantity of reflector can be designed according to the power of the lamp.
- Easy to install.
- Even spot and low glare.
- Slim size.



自由排列 Free arrangement



	CODE	D	D1	D2	H	FWHM	LIGHT SOURCE	
	1-0847-S	42.7	29.4	—	7.8	30°	LUMILEDS LUXEON 3030	
	CODE	D	D1	D2	H	FWHM	LIGHT SOURCE	
	1-0848-S	40.6	25.5	—	9.6	60°	LUMILEDS LUXEON 3030	

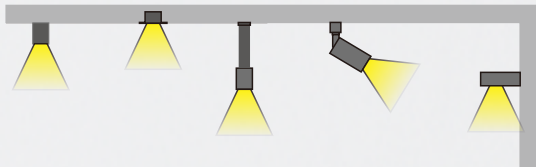


阵列反射器系列
Multi-Combination Reflector Modules

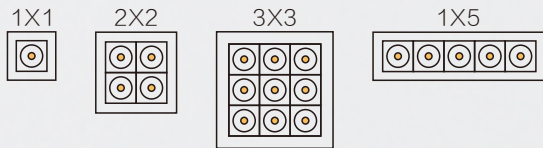
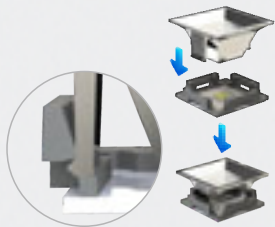
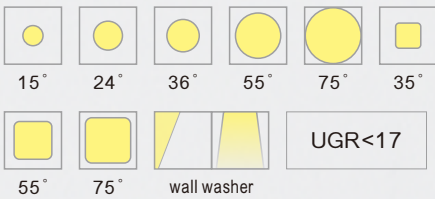
应用场合：商业照明
安装简易，备有15°，24°，36°，55°，75°，35° *35°，55° *55°，75° *75° 多种角度，灯具可根据具体应用搭配不同光型的反射器，营造丰富多样的光型及角度。

Application : Commercial Lighting
Easy install
Various beam angles 15°，24°，36°，55°，75°，35° *35°，55° *55°，75° *75° for combination.

组合应用 Example of combination
明装筒灯，嵌射灯，吊灯，轨道灯，壁灯，线条灯等
Led Downlight, Recessed Downlight, Pendant Lamp, Led Track Light, Wall Light, Linear Light System

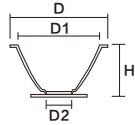


多角度可供选项
Muti-angle on options



PC REFLECTOR MULTI-COMBINATION REFLECTOR MODULES

VIEW	CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
	1-0803-S	35	32.3	5.4	18	36° *36°	LUMILEDS LUXEON 5050	
	1-0804-S	35	32.3	5.5	18	55° *55°	LUMILEDS LUXEON 5050	
	1-0805-S	35	32.3	10	18	75° *75°	LUMILEDS LUXEON 5050	
	1-0806-S	35	32.3	5.98	18	35° *75°	LUMILEDS LUXEON 5050	 92.70.208.00
	1-0807-S	35	32.2	—	18	P-25°	LUMILEDS LUXEON 5050	 92.70.218.00
	1-0808-S	35	32.3	9	18	15°	LUMILEDS LUXEON 5050	 92.70.219.00
	1-0809-S	35	32.3	10	18	24°	LUMILEDS LUXEON 5050	 92.70.220.00
	1-0810-S	35	32.3	11	18	36°	LUMILEDS LUXEON 5050	
	1-0811-S	35	32.2	5.8	18	55°	LUMILEDS LUXEON 5050	
	1-0812-S	35	32.2	9.8	18	75°	LUMILEDS LUXEON 5050	



COMPATIBLE LIGHT SOURCES: OSRAM 5050 (DURIS S8) HOLDER: 92.70.XXX.00



线条灯系列

Linear Reflector Series

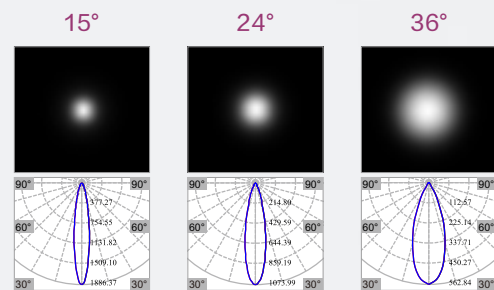
- 可根据灯具功率随意排列不同的数量；
- 安装简便；
- 光斑均匀，眩光值低。

- Quantity of reflector can be designed according to the power of the lamp.
- Easy to install.
- Evenly spot and low glare.

自由排列 Free arrangement

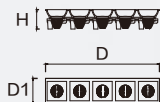


安装简便
Easy to install



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE
5-1065-N	134.8	30	3.59	22.9	15°	CREE XP-E2 LES3.5
5-1067-N	134.8	30	4.88	22.9	24°	
5-1069-N	134.8	30	4.9	22.9	36°	

COMPATIBLE LIGHT SOURCES:
• LUMINUS SST-20



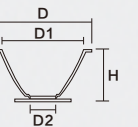
导光柱系列

Light Pie Series

导光柱方案可以有效地优化杂散光，使光斑过渡更均匀。
Reduce the light field. More evenly light shape



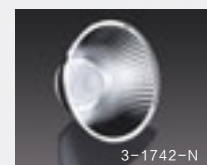
CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	ADAPTER
1426-N	50	46	19.9	23.8	20°	CREE CXA1520 LES8.9	92.70.046.00	92.70.147.00
1436-N	50	46	19.9	23.8	24°			
1437-N	50	46	19.9	23.8	39°			
COMPATIBLE LIGHT SOURCES:								
• BRIDGELUX V4 HD / V6 HD • LUMINUS CXM-6 / CXM-7 / CXM-9						• CITIZEN CLU7A2 / CLU028		• NICHIA NFCWL036B
HOLDER: 92.70.XXX.00								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	ADAPTER
2-1258-N	75	70.3	30.2	38	24°	CREE CXA2520 LES19	92.70.045.00	92.70.059.00
2-1259-N	75	70	30.2	38	26°			
2-1299-N	75	70	30.2	38	38°			
COMPATIBLE LIGHT SOURCES:								
• OSRAM OPTO SOLERIQ S13 / SOLERIQ S15			• BRIDGELUX V9 HD			• CITIZEN CLU038		
• LUMILEDS LUXEON 1208			• LUMINUS CXM-11			• CREE CXA1816		
• NICHIA NFCWD084B / NFCWJ108B / NFCWJ120B / NFCWD096B								
HOLDER: 92.70.XXX.00								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	ADAPTER
3-1698-N	85	78.8	31.8	43	22°	CREE CXA2520 LES19	92.70.045.00	92.70.089.00
3-1699-N	85	78.8	31.8	43	24°			
3-1700-N	85	77.1	31.8	43	38°			
COMPATIBLE LIGHT SOURCES:								
• BRIDGELUX V9 HD • OSRAM OPTO SOLERIQ S19 / SOLERIQ S13 / SOLERIQ S15 • NICHIA NFCWD084B / NFCWJ108B / NFCWJ120B / NFCWD096B / NFDWJ130B / NVEWJ048Z HOLDER: 92.70.XXX.00 • LUMILEDS LUXEON 1208 • CITIZEN CLU038 • LUMINUS CXM-11 / CHM-9 / CXM-14 • CREE CXA1816 / CMT1922								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	ADAPTER
3-1701-N	92	86	38	43	20°	CREE CXA2520 LES19	92.70.045.00	92.70.061.00
3-1742-N	92	86	38	43	27°			
3-1703-N	92	86.2	38	43	39°			
COMPATIBLE LIGHT SOURCES:								
• BRIDGELUX V9 HD			• LUMILEDS LUXEON 1208			• LUMINUS CXM-11 / CHM-9 / CXM-14		
• OSRAM OPTO SOLERIQ S19 / SOLERIQ S13 / SOLERIQ S15			• CITIZEN CLU038			• CREE CXA1816 / CMT1922		
• NICHIA NFCWD084B / NFCWJ108B / NFCWJ120B / NFCWD096B / NFDWJ130B / NVEWJ048Z								
HOLDER: 92.70.XXX.00								



塑胶反光杯常规射灯系列
General Spot Light Optic PC Reflector Series

- 注塑一体成型，具有极高的稳定性；
- 外加真空镀膜处理，出光效率高，结构多样性等特点。

- Injection and high efficiency vacuum metalized coating.
- Suitable for complex structure application.



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER
1651-S	25	22.6	10.8	11.5	20°	CREE CXA1310 LES6	92.70.043.00
1652-S	25	22.6	12.1	11.5	40°		
1679-S	25	22	14	11.5	65°		

COMPATIBLE LIGHT SOURCES:

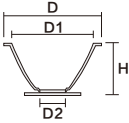
- LUMILEDS LUXEON COB 1202S
- XICATO XOB LES 6MM

HOLDER: 92.70.XXX.00

PC REFLECTOR GENERAL SPOT LIGHT OPTIC SERIES



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	ADAPTER
1653-S	35	31.9	13.5	21.5	12°	CITIZEN CLU028 LES9.8	92.70.124.00	—
1654-S	35	31.9	13.5	21.5	27°		92.70.064.00	
1655-S	35	31.9	14.6	21.5	38°			
1680-S	35	31.8	15.4	21.5	60°			
COMPATIBLE LIGHT SOURCES:								
• LUMINUS CXM-9			• SEOUL SAWX10			• TRIDONIC SLE G7 9MM		
HOLDER: 92.70.XXX.00								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	ADAPTER
1405-N	44	39	12.2	20	26°	CITIZEN CLU028 LES9.8	92.70.064.00	—
1406-N	44	39	12.2	20	38°			
1407-N	44	39	12.2	20	48°			
1408-N	44	39	12.2	20	58°			
COMPATIBLE LIGHT SOURCES:								
▪ BRIDGELUX V4 HD / V6 HD / V8 / V10			▪ LUMINUS CXM-6 / CXM-7 / CXM-9			▪ CITIZEN CLU7A2		
▪ EDISON 2PHM10WW38P55020 LES 3MM			▪ TRIDONIC SLE G5 LES6 / SLE G7 9MM			▪ CREE CXA1512 / CMT1420		
▪ NICHIA NTCWS024B / NTCWT012B / NVNWS007Z			▪ XICATO XOB LES 6MM / XOB LES 9.8MM			▪ SEOUL SAWX10		
HOLDER: 92.70.XXX.00								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	ADAPTER
1656-S	50	46.8	18.9	30	15°	CREE CXA1512 LES8.9	92.70.127.00	—
1657-S	50	46.8	18.6	30	22°			
1658-S	50	46.8	17.9	30	33°			
1681-S	50	46.7	17.5	30	60°			
COMPATIBLE LIGHT SOURCES:								
• BRIDGELUX V6 HD / V10			• CITIZEN CLU028			• TRIDONIC SLE G7 9MM		
• LUMINUS CXM-6 / CXM-7 / CHM-9 / CXM-9			• CREE CXA1310 / CMT1420			• NICHIA NTCWS024B		
• XICATO XOB LES 9.8MM								
HOLDER: 92.70.XXX.00								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	ADAPTER
2-1283-N	62	57	12.2	42	15°	CREE CXA1520 LES8.9	92.70.046.00	—
2-1284-N	62	57	12.2	42	24°			
2-1285-N	62	57	12.2	42	35°			
COMPATIBLE LIGHT SOURCES:								
• BRIDGELUX V10			• LUMINUS CXM-6 / CXM-7 / CXM-9			• CITIZEN CLU028		
HOLDER: 92.70.XXX.00								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	ADAPTER
2-1793-N	75	69.3	23	53.5	16°	CREE CXA1816 LES12	92.70.129.00	—
2-1794-N	75	69	23.9	53.5	26°			
2-1795-N	75	69.1	21.5	53.5	37°			
COMPATIBLE LIGHT SOURCES:								
• TRIDONIC SLE G7 13MM / SLE G7 15MM • OSRAM OPTO SOLERIQ S13 / SOLERIQ S15 • NICHIA NFCWD084B / NFDWJ130B / NFCWD096B / NFCWJ108B / NFCWJ120B / NVEWJ048Z • CITIZEN CLU038 / CLU710 / CLU720 • LUMINUS CHM-9 / CXM-11 / CXM-14 • CREE CXA1830 / CMT1922 • LUMILEDS LUXEON 1205 • BRIDGELUX V9 HD / V13B								
HOLDER: 92.70.XXX.00								



CODE	D	D1	D2	H	FWHM	MAIN LIGHT SOURCE	HOLDER	ADAPTER
3-2115-N	85	80.9	23	65	15°	LUMILEDS LUXEON COB 1205 LES13	92.70.135.00	—
3-2116-N	85	80.3	21.9	65	24°			
3-2117-N	85	74.3	21.9	65	36°			
COMPATIBLE LIGHT SOURCES:								
• LUMINUS CHM-9 / CXM-11 / CLM-14 • OSRAM OPTO SOLERIQ S13 / SOLERIQ S15 • NICHIA NFCWD084B / NFDWJ130B / NFCWD096B / NFCWJ108B / NFCWJ120B / NVEWJ048Z • LUMILEDS LUXEON 1208 • TRIDONIC SLE G7 13MM / SLE G7 15MM • SAMSUNG LC0026D • CREE CMT1922								
HOLDER: 92.70.XXX.00								



透镜 LENS

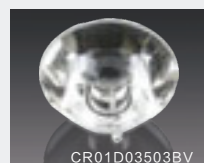
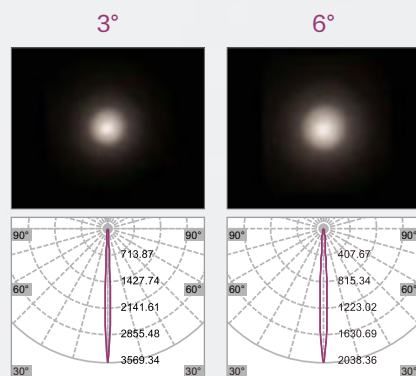
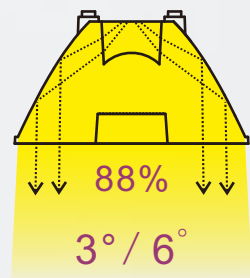


窄细TIR透镜系列

Spot Beam TIR-LENS Series

- 集中光束（光束角度小、高光强值）；
 - 超窄角度（半角10度下领域）；
 - 改进聚光结构，实现高照度效果。
- Concentrated beam (spot beam, high intensity).
 - Super spot.
 - Improve the concentrating structure to achieve high illumination effect.

应用场合 Application:
建筑照明，商业照明，手术台
architectural lighting, commercial lighting, Medical lighting



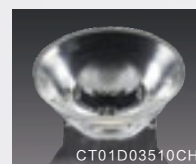
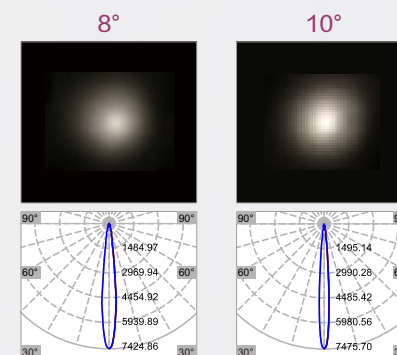
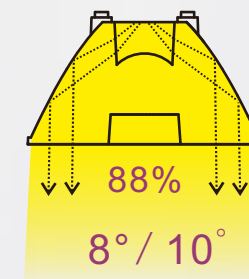
CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
CR01D03503BV	35	19	3°	CREE XP-E2	—	TIR LENS
CR01D03506BV	35	19	6°			



窄细COB透镜系列

Spot Beam COB-LENS Series

- 属COB光源系列，小尺寸、小角度透镜。
 - 应用场所通用性高，小尺寸能满足整灯空间应用与成本管控。
 - 改进聚光结构，实现高照度效果。
- For COB, small size and spot beam.
 - Widely apply for various contexts. Small size can make smaller luminaire hence cost saving.
 - Improved light focus structure, high intensity.



CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
CT01D03510CH	35	22	10°	CITIZEN CLU 7A2	92.70.183.00	COB LENS
CT01D04508CH	45	18	8°			

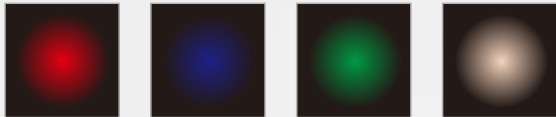
COMPATIBLE LIGHT SOURCES:
• EDSION 2PHM10WV38P55020 LES 3MM



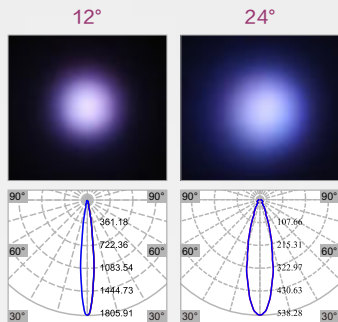
混光透鏡系列

Color Mixing Lens Series

- 可点单色光(红光、绿光、蓝光)，并可以同时点亮且混光均匀。
- 实现四种颜色光变换。
- 应用场合:建筑照明、舞台照明。
- can be single color (RGB) or all light up and color mixing.
- 4 colors exchange.
- good for architectural lighting or stage lighting.



红色 Red 蓝色 Blue 绿色 Green 棕白色 Brownish white



 CR01D04112CC	CODE	D	H	FWHM	LIGHT SOURCE	TYPE
	CR01D04112CC	40.5	21.8	12°	CREE XML COLOR	SERIES LENS
	CR01D04124CC	40.5	21.8	24°		



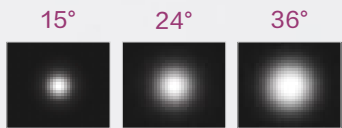
菲涅尔透镜BM系列

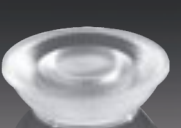
BM Fresnel Lens Series

- 与常规杯型透镜相比，有体积小、重量轻、结构紧凑的优点。
- 有更好的聚光性和成像性能，收光效果更佳。
- 加大光源与透镜的散热空间，可靠性更高。
- 专用支架，装配简易，与支架固定。
- Suitable for Commercial Spot light and Downlight.
- Compare with general lens, this range has smaller size, lighter and better structure.
- More space leave for light source and lens for heat radiating, safer.
- With easy install holder.



可搭配支架，方便安装
Easy install holder



 CR01D03524BM	CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
	CR01D03524BM	35	12	24°	CREE CXA1304 LES6	92.70.110.00	COB LENS
	CR01D03536BM	35	12	36°			
 CR01D05015BM	CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
	CR01D05015BM	49.6	15	15°	CREE CXA1507 LES8.9	92.70.185.00	COB LENS
	CR01D05024BM	49.6	15	24°			
	CR01D05038BM	49.6	15	38°			
 CR01D07015BM	CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
	CR01D07015BM	70	18	15°	CREE CXA1507 LES8.9	92.70.109.00	COB LENS
	CR01D07024BM	70	18	24°			
	CR01D07038BM	70	18	38°			

洗墙灯透镜系列

Wall Washer Lighting Lens Series

NATA户外防水洗墙灯产品可搭配3030、3535、5050等不同尺寸的贴片式LED，提供单偏光、双偏光、线性偏光等不同光型选择，以及全系列多角度产品覆盖，以适应不同应用场合需求。

NATA outdoor waterproof wall washer products can be used with different size SMD such as 3030, 3535, 5050, etc. The products provide single-polarization, dual-polarization, linear-polarization and other types of light shapes. Full range with various beam angle options to fulfil different applications.



 LM01D01538BY	CODE	D	H	FWHM	LIGHT SOURCE	TYPE
	LM01D01538BY	14.8	8	38°	LUMILEDS LUXEON 5050	WALL WASHER LENS
	LM01D01560BY	14.8	8	60°		

 NA01D020015BW	CODE	D	H	FWHM	LIGHT SOURCE	TYPE
	NA01D020015BW	20	11.7	15°	NICHIA NF2W757	WALL WASHER LENS
	NA01D020024BW	20	11.7	24°		
	NA01D020038BW	20	11.7	38°		
	NA01D020045BW	20	11.7	45°		
	NA01D020060BW	20	11.7	60°		

 CR01D020015BW	CODE	D	H	FWHM	LIGHT SOURCE	TYPE
	CR01D020010BW	20	11.7	10°	CREE XP-E2	WALL WASHER LENS
	CR01D020015BW	20	11.7	15°		
	CR01D020024BW	20	11.7	24°		
	CR01D020038BW	20	11.7	38°		

 CR01D0201545BW	CODE	D	H	FWHM	LIGHT SOURCE	TYPE
	CR01D020060BW	20	11.7	60°	CREE XP-E2	WALL WASHER LENS
	CR01D0201545BW	20	11.7	15° *45°		

 NA01D0201530CA	CODE	D	H	FWHM	LIGHT SOURCE	TYPE
	NA01D0201530CA	20	14.5	15° *30°	NICHIA NF2W757	WALL WASHER LENS
	NA01D0202050CA	20	14.5	15° *30°		

单颗透镜系列

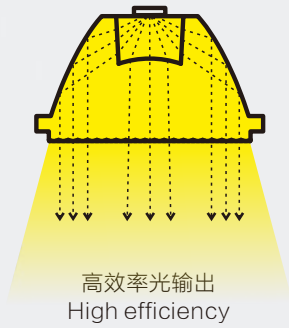
Single Lens Series

- 高效率光输出；
- 灵活多变，可根据灯具尺寸自由排列组合；
- 适用于珠宝照明，投光照明，舞台照明等。

- High efficiency.
- Flexible, can be freely arranged according to the size of the luminaire.
- Suitable for jewelry light, flood light and stage light.

 CR01D01260AP	CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
	CR01D01236AP-N	11.8	6.5	36°	CREE XP-E2	—	TIR LENS (SERIES LENS)
	CR01D01260AP-N	11.8	6.5	60°			

 CR01D01720AA	CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
	CR01D01720AA-N	16.8	10	20°	CREE XP-G2	—	TIR LENS (SERIES LENS)
	CR01D01730AA-N	16.8	10	30°			
	CR01D01740AA-N	16.8	10	40°			





COB透镜系列

COB Lens Series

- 光斑均匀，低眩光；
- 小中大角度，尺寸系列齐全；
- 适用于室内服装照明、酒店照明、商场照明等。
- Evenly light shape, low glare.
- Complete range of size and beam angles.
- Suitable shop lighting and hotel lighting.

 CR01D02935AC	CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
	CR01D02925AC	29	14	24°	CREE CXA1507 LES8.9	—	COB LENS
	CR01D02935AC	29	14	35°	CREE CXA1512 LES8.9		
	CR01D02945AC	29	14	45°			
	CR01D02960AC	29	14	60°			

COMPATIBLE LIGHT SOURCES:

	CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
	LM01D03024AE	30	15.5	24°	LUMILEDS LUXEON COB 1202s LES6	—	COB LENS
	LM01D03030AE	30	15.5	30°			
	LM01D03040AE	30	15.5	40°			
	LM01D03050AE	30	15.5	50°			
	LM01D03060AE	30	15.5	60°			

COMPATIBLE LIGHT SOURCES:

- BRIDGELUX V4HD
- CITIZEN CLU7A2
- CREE CXA1304

	CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
	CT01D03524AF	35	12	24°	CITIZEN CLU710 LES8.5	—	COB LENS
	CT01D03538AF	35	12	38°			
	CT01D03560AF	35	12	60°			

COMPATIBLE LIGHT SOURCES:

- CREE CXA1304 / CXA1507

	CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
	CT01D03624AH	35.8	14	24°	CITIZEN CLU028 LES8.9	—	COB LENS
	CT01D03636AH	35.8	14	38°			
	CT01D03660AH	35.8	14	60°			

COMPATIBLE LIGHT SOURCES:

- TRIDONIC SLE G7 9MM
- XICATO XOB LES 9.8MM

AL REFLECTOR COB LENS SERIES

CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
CR01D04424AK	44	14.4	24°	CREE CXA1512 LES8.9	—	COB LENS
CR01D04438AK	44	14.4	38°			

COMPATIBLE LIGHT SOURCES:

- CREE CXA1304

CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
LM01D05515BH	55	24	15°	LUMILEDS 1203 LES9	92.70.132.00	COB LENS
LM01D05524BH	55	24	24°			
LM01D05536BH	55	24	36°			

COMPATIBLE LIGHT SOURCES:

- CREE CXA1507
- PHILIPS SLM 1203 G7 L9
- TRIDONIC SLE G7 9MM
- XICATO XOB LES 9.8MM

CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
LN01D06315BF	63	32	19°	LUMINUS CXM-14-AA10 LES14.5	92.70.130.00	COB LENS
LN01D06324BF	63	32	24°			
LN01D06337BF	63	32	37°			

COMPATIBLE LIGHT SOURCES:

- CREE CXA1830
- TRIDONIC SLE G7 13MM / SLE G7 15MM

CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
CR01D06312BG	63	38	12°	CREE CXA1512 LES8.9	92.70.185.00	COB LENS
CR01D06324BG	63	38	24°			
CR01D06336BG	63	38	36°			

COMPATIBLE LIGHT SOURCES:

- XICATO XOB LES 9.8MM
- TRIDONIC SLE G7 9MM

CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
LM01D06915BJ	69	30	15°	LUMILEDS 1205 LES13	92.70.045.00	COB LENS
LM01D06924BJ	69	30	24°			
LM01D06938BJ	69	30	38°			

COMPATIBLE LIGHT SOURCES:

- CREE CXA1830
- LUMINUS CXM-14-AA10
- TRIDONIC SLE G7 13MM / SLE G7 15MM

CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
CR01D07515AR	75	32	15°	CREE CXA1820 LES12	92.70.074.00	COB LENS
CR01D07524AR	75	32	24°			
CR01D07538AR	75	32	38°			

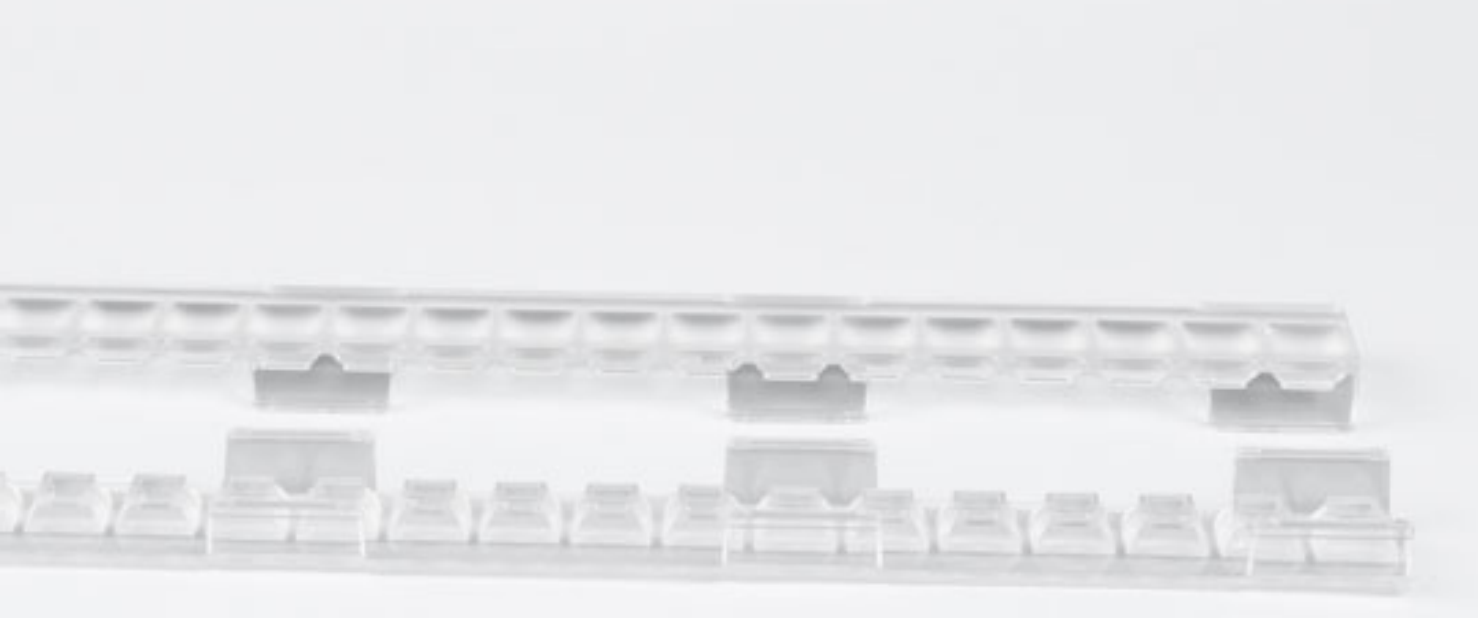
COMPATIBLE LIGHT SOURCES:

- CREE CXA1816
- LUMINUS CXM-14-AA10
- TRIDONIC SLE G7 13MM / SLE G7 15MM

CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
LM01D08515BK	85	36	15°	LUMILEDS LUXEON COB 1208 LES15	92.70.045.00	COB LENS
LM01D08524BK	85	36	24°			
LM01D08538BK	85	36	38°			

COMPATIBLE LIGHT SOURCES:

- CREE CXA1830
- LUMINUS CXM-14-AA10
- TRIDONIC SLE G7 13MM / SLE G7 15MM

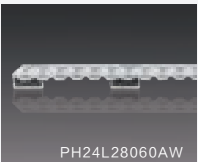
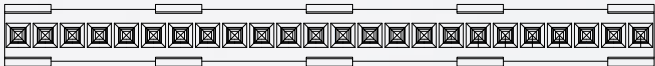


线条灯透镜系列

Linear Lens Series

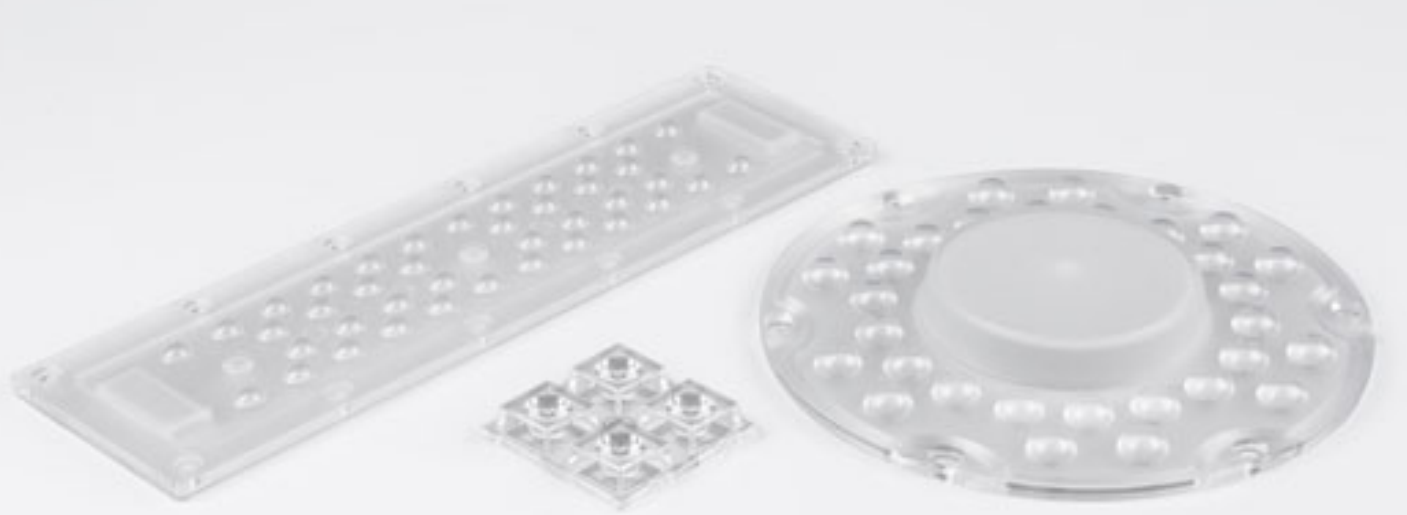
- 光斑均匀，低眩光；
- 结构一体化，装配简单便捷；
- 适用于酒店照明、商场照明、办公照明等。

- Evenly light shape, low glare.
- Integrated structure, easy assembling.
- Suitable shop lighting ,hotel lighting and office lighting.



CODE	D	H	FWHM	LIGHT SOURCE	HOLDER	TYPE
PH24L28060AW	280	9.4	60°	PHILIPS Fortimo LED Strip 1ft 1100lm 930 FC Hv4	---	24 IN 1 LINE LIGHTS
PH24L28090AW	280	9.4	90°			

COMPATIBLE LIGHT SOURCES:
• SAMSUNG 5630

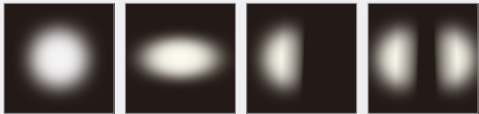


投光灯&高棚灯&工矿灯系列

Flood/Highbay/Lowbay Series

- 多尺寸、多角度可选；
- 圆形、椭圆、单偏、双偏多配光；
- 适用于矿业照明、仓库照明、油站照明等。

- Various sizes and beam angles available.
- Round, oval, symmetric and asymmetric light shapes available.
- Suitable for Mining lighting, warehouse lighting, filling station lighting.



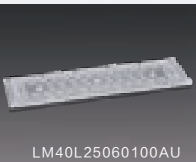
圆形 Round 椭圆 Oval 单偏 Asymmetric 双偏 Symmetric



CODE	D	H	FWHM	LIGHT SOURCE	TYPE
LM04L05030BQ	50	8.56	30°	LUMILEDS LUXEON 3030 2D (ROUND LES)	4 IN 1 TIR LENS
LM04L05060BQ	50	9.2	60°		
LM04L05090BQ	50	8.04	90°		



CODE	D	H	FWHM	LIGHT SOURCE	TYPE
LM30D16060AT	160	10.1	60°	LUMILEDS LUXEON 3030 2D (ROUND LES)	30 IN1 HIGH BAY
LM42D19090AT	190	7.9	90°		42 IN1 HIGH BAY
LM54D250115AT	250	10	120°		54 IN1 HIGH BAY



CODE	D	H	FWHM	LIGHT SOURCE	TYPE
LM40L25030AU	250	7.7	30° (单偏30度)	LUMILEDS LUXEON 3030 2D (ROUND LES)	40 IN 1 WAREHOUSE LIGHT
LM40L25060AU	250	7.7	60° (双向偏光)		
LM40L25060100AU	250	7.7	60° X100°		
LM40L250120AV	250	6.7	120°		

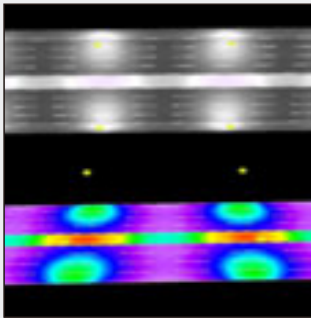


街灯&路灯透镜系列

Street Light Lens Series

- 满足CJJ45-2015路灯照明标准的要求；
- 多种尺寸及不同车道数的路灯透镜可选；
- 较长的距高比，可少排布灯杆，节省成本；
- 适用于快速车道照明、主干道照明、支路照明，乡村道路照明等。

- Accordance to the CJJ45-2015 street lighting standards.
- Range of dimensions and for various lanes for selection.
- Longer height-to-height ratio, less poles and cost saving.
- Suitable for highway lighting, Main Road lighting, Branch Road lighting, Country Road lighting, etc.



75° X150°



80° X150°



75° X145°

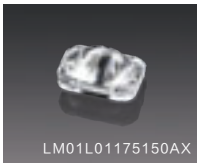


AL REFLECTOR STREET LIGHT LENS SERIES



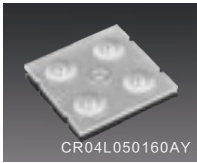
CR01L01370150AX

CODE	D	H	FWHM	LIGHT SOURCE	TYPE
CR01L01680150AX	16	6	80° *150°	CREE XPG	SYMMETRIC STREET LIGHT (TYPE I ,SHORT)



LM01L01175150AX

CODE	D	H	FWHM	LIGHT SOURCE	TYPE
LM01L01175150AX	11	4.2	75° *150°	LUMILEDS LUXEON 3030 2D (ROUND LES)	ASYMMETRIC STREET LIGHT (TYPE II ,MEDIUM)
LM01L01675150AX	16	5.3	75° *150°	LUMILEDS LUXEON 5050	



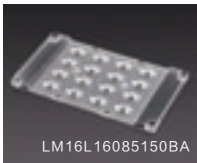
CR04L050160AY

CODE	D	H	FWHM	LIGHT SOURCE	TYPE
CR04L050160AY	50	5.8	160°	CREE XP-E2	4 IN 1 STREET LIGHTING (TYPE V MEDIUM)



CR12L05070140AY

CODE	D	H	FWHM	LIGHT SOURCE	TYPE
CR12L05070140AY	50	4.9	70° *140°	CREE XP-E2	12 IN 1 COURTYARD LIGHT
CR12L05050145AY	50	5.2	50° *145°		
CR12L050150AY	50	4.2	150°		12 IN 1 SYMMETRIC STREET LIGHT (TYPE V, MEDIUM)



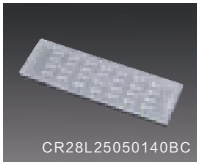
LM16L16085150BA

CODE	D	H	FWHM	LIGHT SOURCE	TYPE
LM16L16085150BA	160	7.3	85° *150°	LUMILEDS 5050	16 IN 1 ASYMMETRIC STREET LIGHT (TYPE II , MEDIUM)



CR12L17380150BB

CODE	D	H	FWHM	LIGHT SOURCE	TYPE
CR12L17380150BB	173	5.8	85° *150°	CREE XHP35	12 IN 1 STREET LIGHTING



CR28L25050140BC

CODE	D	H	FWHM	LIGHT SOURCE	TYPE
CR28L25075145BC	250	8.8	75° *145°	CREE XP-E2	28 IN 1 STREET LIGHTING (TYPE II SHORT)



LM30L28080150BD

CODE	D	H	FWHM	LIGHT SOURCE	TYPE
LM30L28080150BD	280	7.9	80° *150°	LUMILEDS LUXEON 3030 2D (ROUND LES)	30 IN 1 STREET LIGHTING

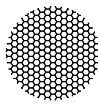
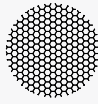
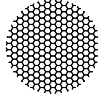
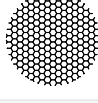
OPTICAL LENS

PART NUMBER	VIEW	SIZE	APPLICATION	FUNCTION	LIGHT TYPE	SUGGESTED MODEL	INSTALLATION
92.70.058.00		OD71.8mm*H1.3mm	外围晒纹镜片 OUTER FORSTED LENS	改善余光 FIELD IMPROVEMENT		2-1731-S 2-1732-S 2-1734-S	扣住缺口 CLIP THE BAYONETS
92.70.062.00		OD81.8mm*H1.2mm	外围晒纹镜片 OUTER FORSTED LENS	改善余光 FIELD IMPROVEMENT		3-2064-S 3-2103-S 3-2086-S	扣住缺口 CLIP THE BAYONETS
92.70.063.00		OD89.8mm*H1.3mm	外围晒纹镜片 OUTER FORSTED LENS	改善余光 FIELD IMPROVEMENT		3-1881-S 3-1989-S 3-1885-S	扣住缺口 CLIP THE BAYONETS
92.70.088.00		OD69mm*H1.5mm	透明镜片 CLEAR LENS	防尘 ANTI-DUST		2-1592-S 2-1593-S 2-1594-S	扣住缺口 CLIP THE BAYONETS
92.70.141.00		OD75mm*H1.5mm	透明镜片 CLEAR LENS	防尘 ANTI-DUST		2-1595-S 2-1596-S 2-1597-S	扣住缺口 CLIP THE BAYONETS
92.70.146.00		OD85mm*H1.5mm	透明镜片 CLEAR LENS	防尘 ANTI-DUST		3-1970-S 3-1971-S 3-1972-S	扣住缺口 CLIP THE BAYONETS
92.70.158.00		OD47.4mm*H1.2mm	外围晒纹镜片 OUTER FORSTED LENS	改善余光 FIELD IMPROVEMENT		1743-S 1744-S 1745-S	扣住缺口 CLIP THE BAYONETS
92.70.047.00		OD40.8mm*H1.4mm	扩散片 DIFFUSER	改善光斑 LIGHT MIXING		1405-N 1406-N 1407-N 1408-N	扣住缺口 CLIP THE BAYONETS

METAL ADAPTAR

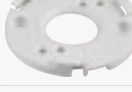
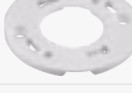
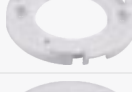
PART NUMBER	VIEW	BRIDGELUX	CITIZEN	LUMENS	OSRAM	PHILIPS
92.76.172.00						SLM 1204 SLM 1205 SLM 1208 SLM 1211
92.76.227.00		VERO29				
92.76.233.00					PL-CORE	
92.76.263.00		VERO18				
92.76.319.00				EDC-44C-15W EDC-47C-9W		

HONEYCOMB

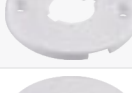
CODE	VIEW	L	W	H	孔距	MATERIAL	COLOR	结构类型	用途	配套	作用
92.76.649.00		111	111	2.6	3.5	AL	BLACK	不带包边 No fringe	筒灯、射灯 Downlight Spot light	出光口小于110MM的反光杯或者透镜 Inner diameter less than 110mm lens or reflector	防眩，有效降低眩光值 Anti-glare honeycomb
92.76.650.00		85	85	2.8	3.5	AL	BLACK	不带包边 No fringe	筒灯、射灯 Downlight Spot light	出光口小于83MM的反光杯或者透镜 Inner diameter less than 83mm lens or reflector	防眩，有效降低眩光值 Anti-glare honeycomb
92.76.651.00		69.5	69.5	3	3.6	AL	BLACK	不带包边 No fringe	筒灯、射灯 Downlight Spot light	出光口小于68.5MM的反光杯或者透镜 Inner diameter less than 68.5mm lens or reflector	防眩，有效降低眩光值 Anti-glare honeycomb
92.76.652.00		62.5	62.5	3	5.5	AL	BLACK	不带包边 No fringe	筒灯、射灯 Downlight Spot light	出光口小于61.5MM的反光杯或者透镜 Inner diameter less than 61.5mm lens or reflector	防眩，有效降低眩光值 Anti-glare honeycomb
92.76.653.00		75	75	4	5	AL	BLACK	不带包边 No fringe	筒灯、射灯 Downlight Spot light	出光口小于73MM的反光杯或者透镜 Inner diameter less than 73mm lens or reflector	防眩，有效降低眩光值 Anti-glare honeycomb
92.76.654.00		95	95	4	5	AL	BLACK	不带包边 No fringe	筒灯、射灯 Downlight Spot light	出光口小于93MM的反光杯或者透镜 Inner diameter less than 93mm lens or reflector	防眩，有效降低眩光值 Anti-glare honeycomb
92.76.655.00		50	50	2	3.5	AL	BLACK	不带包边 No fringe	筒灯、射灯 Downlight Spot light	出光口小于49MM的反光杯或者透镜 Inner diameter less than 49mm lens or reflector	防眩，有效降低眩光值 Anti-glare honeycomb
92.76.656.00		46	46	2	5.5	AL	BLACK	不带包边 No fringe	筒灯、射灯 Downlight Spot light	出光口小于45MM的反光杯或者透镜 Inner diameter less than 45mm lens or reflector	防眩，有效降低眩光值 Anti-glare honeycomb

METAL ADAPTAR

PART NUMBER	VIEW	BRIDGELUX	CITIZEN	LUMENS	OSRAM	PHILIPS
92.76.323.00				20W / 30W		SLM 1205 SLM 1208
92.76.330.00					PL-CORE	SLM 1203
92.76.340.00			LMOPOOP-3225DH			
92.76.365.00						
92.76.374.00		VERO SE 13B				
92.76.375.00		VERO SE 18B				

PART NUMBER	VIEW	HOLDER TYPE	D X H	PCB DIMENSION	BRIDGELUX	CITIZEN	CREE	EDISON	LESTAR	LG	LUMENS	LUMILEDS	LUMINUS	PARAGONLEDS	NICHIA	OSRAM OPTO	PHILIPS	SAMSUNG	SEOUL	升谱光电	TRIDONIC	VS	LEATECH	GLBTECH	EVERLIGHT	ITSWELL	LITEON	BMTC
99.02.73.181		poke in	D50xH3.5	20*24mm								LUXEON COB 1204 LUXEON COB 1205 LUXEON COB 1208			NSCLJ216AE NSCLJ108BE NFDLJ130BE NVEWJ048Z-V1 NFCWD084B-V3 NFCWD096B-V3 NFCWJ108B-V3 NFCWD096B-V3 NFDWJ130B-V3 NFCWJ120B-V3						LP30N3-84N -B131303		Ju2024					
99.02.73.172		poke in	D45*H3.5	19.2*19.2mm	V13B G7 V9 HD	CLL030 CLL032 CLL091 CLU034 CLU036 CLU038 CLU710 CLU720	CMT1922	OPTO 30W	PB16H01 V4 PB19H01 V4 PB26H01 V4				CIM-14-AC30 CLM-14-AC30 CXM-14-AC30 CGM-14-AC40 CXM-11-AC32			SOLERIQ S13 G2 S13 RU-30S3-0 S15 ST-30S3-0		LC020C LC030C LC040C LC016D LC019D LC026D LC033D	ZC12 ZC18 MTJ18W/ 24W/30W	G17	G4 LES15 G5 LES15 G6 LES15 G6 LES17	DMC 114 DMC 125 DMC 128 DMC 099	LP30N3-84N -B131299		XUAN1919	COB-N SERIES	M045	COB 20W COB 30W
99.02.73.173		poke in	D45*H3.5	28.2*28.2mm	V22B G7 V22 G6	CLL040 CLL042 CLU046 CLU048 CLU730	CXA30xx CMA3090	OPTO 40W			LEMWM 28 - 40W	ERGON COB 30xx	LUXEON COB 1211 LUXEON COB 1216	CXM-22-AC00 CLM-22-AC30				LCO40D LC060D LC080D	ZC25 ZC40 ZC60 MTJ 40W/ 60W/80W	G17				GME2821		COB-Q SERIES		
99.02.73.167		poke in	D44*H3.4	24.2*24.2mm	V18B G7		CXA25xx CMA2550					ERGON COB 25xx				SOLERIQ S19												
99.02.73.180		poke in	D45xH4.2	18.3*18.3mm	H12		CXA18xx CXB18xx CMA18xx					1812HE				SOLERIQ S13 G1 SOLERIQ P13 G1	CERTAFLUX SLM 1205 L12 G1 CERTAFLUX SLM 1204 L12 G1											
99.02.73.175		poke in	D35*H3.5	19.2*16.2mm								LUXEON COB 1203 LUXEON COB 1202			NFCWL036B-V3													
99.02.73.171		poke in	D35*H3.5	13.7*13.7mm	V10B G7 V6 HD	CLL020 CLL150 CLU02x CLU700	CMT1420	OPTO 9W					CXM-9-AC30 CLM-9-AC30 CIM-9-AC30 CHM-9-XD22	PACB 022		SOLERIQ S9		LC003D LC006D LC009D LC013D LC008B LC010C	ZC 6 MTJ 6W MTJ 9W MTJ 12W	G16	G3 LES10 G5 LES6 G5 LES10	DMC122			XUAN1313	COB B-SERIES		COB 7W
99.02.73.179		poke in	D35xH4.2	16.1*16.1mm	H9 V10 G6		CXA1507 CXA1512 CXA1520 CMA1516										CERTAFLUX SLM 1203 L09 G1 CERTAFLUX SLM 1202 L09 G1											
99.02.73.174		poke in	D35*H3.5	15.2*12.2mm								1202S 205E 209E LUXEON 105 LUXEON 107 LUXEON 109			NJCWS024Z-V1 NVNWS007Z-V1 NTCWT012B-V3 NTCWS024B-V3													
92.70.135.00		soldering	D45xH3.5	20*24mm	Vestale® Series Dim-To-Warm Array LES15										NSCLJ216AE NSCLJ108BE NFDLJ130BE NVEWJ048Z-V1 NFCWD084B-V3 NFCWD096B-V3 NFCWJ108B-V3 NFCWD096B-V3 NFDWJ130B-V3 NFCWJ120B-V3													
92.70.045.00		soldering	D45xH3.0	20*24mm 24.2*24.2mm								LUXEON COB 1204 LUXEON COB 1205 LUXEON COB 1208										LP30N3-84N -B131303		Ju2024				
92.70.215.00		soldering	D40*H5	20.15*24.1mm																								
92.70.131.00		soldering	D45xH3.5	19.3*19.3mm	V13B G7 V9 HD	CLL030 CLL032 CLL091 CLU034 CLU036 CLU038 CLU710 CLU720	CMT1922	OPTO 30W	PB16H01 V4 PB19H01 V4 PB26H01 V4				CIM-14-AC30 CLM-14-AC30 CXM-14-AC30 CGM-14-AC40 CXM-11-AC32			SOLERIQ S13 G2 S13 RU-30S3-0 S15 ST-30S3-0		LC020C LC030C LC040C LC016D LC019D LC026D LC033D	ZC12 ZC18 MTJ18W/ 24W/30W	G17	G4 LES15 G5 LES15 G6 LES15 G6 LES17	DMC 114 DMC 125 DMC 128 DMC 099	LP30N3-84N -B131299		XUAN1919	COB-N SERIES	M045	COB 20W COB 30W
92.70.065.00		soldering	D45xH3.0	19.3*19.3mm																								
92.70.136.00		soldering	D45xH3.5	28.3*28.3mm	V22B G7 V22 G6	CLL040 CLL042 CLU046 CLU048 CLU730	CXA30xx CMA3090	OPTO 40W			LEMWM 28 - 40W	ERGON COB 30xx	LUXEON COB 1211 LUXEON COB 1216	CXM-22-AC00 CLM-22-AC30				LCO40D LC060D LC080D	ZC25 ZC40 ZC60 MTJ 40W/ 60W/80W	G17				GME2821		COB-Q SERIES		
92.70.190.00		soldering	D45*H3.0	28.2*28.2mm																								

PART NUMBER	VIEW	HOLDER TYPE	D X H	PCB DIMENSION	BRIDGELUX	CITIZEN	CREE	EDISON	LESTAR	LG	LUMENS	LUMILEDS	LUMINUS	PARAGONLEDS	NICHIA	OSRAM OPTO	PHILIPS	SAMSUNG	SEOUL	升谱光电	TRIDONIC	VS	LEATECH	GLBTECH	EVERLIGHT	ITSWELL	LITEON	BMTC
92.70.134.00		soldering	D45xH3.5	24.2*24.2mm	V18B G7		CXA25xx CMA2550				ERGON COB 25xx					SOLERIQ S19							LP30N3-84N -B131303		JU2024			
92.70.045.00		soldering	D45xH3.0	20*24mm 24.2*24.2mm																								
92.70.133.00		soldering	D45*H3.5	21.7*21.7mm	V18 G6								CXM-18-AA30					LC026B LC033B LC040B										
92.70.189.00		soldering	D45*H3.0	21.7*21.7mm																								
92.70.129.00		soldering	D45xH3.5	18.3*18.3mm	H12		CXA18xx CXB18xx CMA18xx				1812HE						SOLERIQ S13 G1 SOLERIQ P13 G1	CERTAFLUX SLM 1205 L12 G1 CERTAFLUX SLM 1204 L12 G1										
92.70.074.00		soldering	D45xH3.0	18.3*18.3mm																								
92.70.109.00		soldering	D46.44*H5.5	17.96*18mm																								
92.70.110.00		soldering	D33.7*H5.05	15.9*15.9mm																								
92.70.130.00		soldering	D45xH3.5	18.7*18.7mm									CXM-11-AA30 CLM-14-AA30 CXM-14-AA30															
92.70.132.00		soldering	D35xH3.5	19.2*16.2mm								LUXEON COB 1203 LUXEON COB 1202			NFCWL036B-V3								LP30N3-84N -B131303		JU2024			
92.70.188.00		soldering	D35*H3.0	19.2*16.2mm																								
92.70.128.00		soldering	D35xH3.5	17.3*17.3mm															LC013B LC019B									
92.70.124.00		soldering	D35xH3.5	13.7*13.7mm	V10B G7 V6 HD	CLL020 CLL150 CLU02x CLU700	CMT1420	OPTO 9W					CXM-9-AC30 CLM-9-AC30 CIM-9-AC30 CHM-9-XD22	PACB 022			SOLERIQ S9	LC003D LCO06D LC009D LC013D LC008B LC010C	ZC 6 MTJ6W MTJ9W MTJ 12W	G16	G3 LES10 G5 LES6 G5 LES10	DMC122			XUAN1313	COB B-SERIES		COB 7W
92.70.064.00		soldering	D25xH2.6	13.7*13.7mm																								
92.70.184.00		soldering	D35*H3.0	13.7*13.7mm																								
92.70.127.00		soldering	D35xH3.5	16.1*16.1mm	H9 V10 G6		CXA1507 CXA1512 CXA1520 CMA1516										CERTAFLUX SLM 1203 L09 G1 CERTAFLUX SLM 1202 L09 G1											

PART NUMBER	VIEW	HOLDER TYPE	D X H	PCB DIMENSION	BRIDGELUX	CITIZEN	CREE	EDISON	LESTAR	LG	LUMENS	LUMILEDS	LUMINUS	PARAGONLEDS	NICHIA	OSRAM OPTO	PHILIPS	SAMSUNG	SEOUL	升谱光电	TRIDONIC	VS	LEATECH	GLBTECH	EVERLIGHT	ITSWELL	LITEON	BMTC
92.70.185.00		soldering	D35*H3.0	16.1*16.1mm	H9 V10 G6		CXA1507 CXA1512 CXA1520 CMA1516										CERTAFLUX SLM 1203 L09 G1 CERTAFLUX SLM 1202 L09 G1											
92.70.046.00		soldering	D25xH2.6	16.1*16.1mm																								
92.70.109.00		soldering	D46.44*H5.5	16*16mm																								
92.70.126.00		soldering	D35xH3.5	15.1*15.2mm									CLM-9-AA30 CHM-9-XD20															
92.70.187.00		soldering	D35*H3.0	15.1*15.2mm																								
92.70.125.00		soldering	D35xH3.5	15.2*12.2mm	Vesta® Series Dim-To-Warm Array LES9							1202s 205E 209E LUXEON 105 LUXEON 107 LUXEON 109			NJCWS024Z-V1 NVNWS007Z-V1 NTCWT012B-V3 NTCWS024B-V3													
92.70.044.00		soldering	D25xH2.6	15.2*12.2mm																								
92.70.186.00		soldering	D35*H3.0	15.2*12.2mm																								
92.70.123.00		soldering	D35xH3.5	13.7*13.7mm	H6	CLU70X	CXA13xx						CXM-6-AC30 CXM-6-XH20				CERTAFLUX SLM 1201 G1		SAWx06		SLE 6							
92.70.043.00		soldering	D25xH2.6	13.7*13.7mm																								
92.70.183.00		soldering	D35*H3.0	13.7*13.7mm																								
92.70.110.00		soldering	D33.7*H5.05	13.35*13.35mm																								
92.70.051.00		soldering	D25xH2.6	13.2*13.2mm	V6 V8 V4 HD								CXM-6-AA00 CXM-7-AA00															
92.70.122.00		soldering	D35xH3.5	13.2*13.2mm																								
92.70.150.00		soldering	D45*H3.5	20.3*20.3mm		LCN-C02B																						
92.70.151.00		soldering	D45*H3.5	23.8*23.8mm		LCN-C03A																						

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