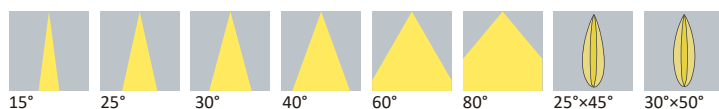




Datasheet

HQ Series

Available Distribution



LED



Recommnd Applications



General Information

PMMA 70°C -40°C	PMMA 8N HB 1.5mm RTI 90°C	400nm~900nm > 90%	
-----------------------	---------------------------------	----------------------	--

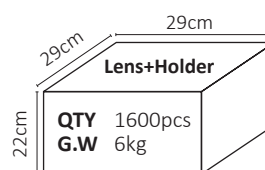
- Lens Material PMMA 8N
- Operating Temperature -40°C~+70°C
- UL Flammability HB @ 1.5mm
- UL RTI Elec 90°C @ 1.5mm
- Light Transmission Rate 400nm~900nm > 90%
- ✓ If necessary, Clean lenses with mild soap, water and soft cloth.
- ⚠ Never use any commercial cleaning solvents on lenses, like alcohol.
- ⚠ Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.

Dimensions

Part Number	Diameter	Height
LL01CR-HQxxL06-Mx	Ø16	10.3
LL01ZZ-HQxxL06-Mx-T	Ø16.1	9.9
LL01CR-SNxxL06-Mx-T	Ø16.2	10.3
LL01CR-WJxxL06-Mx	Ø16.1	10.3
LL01AES-HQxxL06-Mx	Ø16	10.3

*All dimensions are in millimeters.

Packaging Details (SPQ)



Accessories



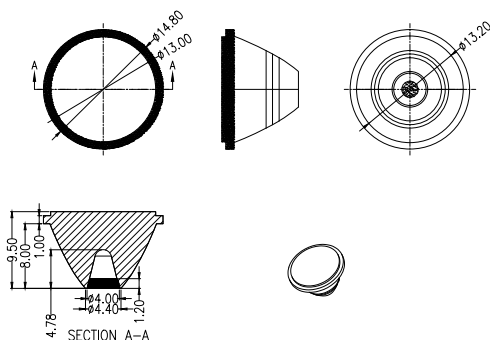
- 4 Different Types of Holder
LL01CRCY30Hx
LL01ZZZQ25Hx
LL01CRSN30Hx
LL01CRWJ30Hx
LL01CRAES30Hx
- 2 Different Types of Tape
LL01A00ZBXX
LL01A40AXYXX

Mechanical Specification

*All dimensions are in millimeters.

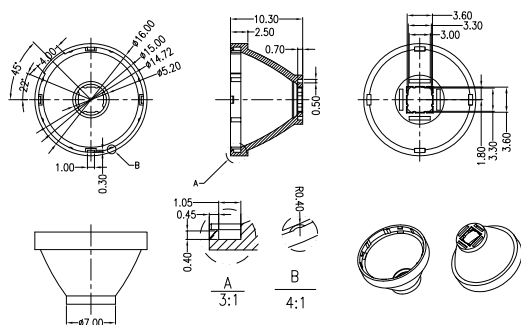
Lens Dimension

LL01CR-HQxxL06



Holder Dimension

LL01CRCY30Hx



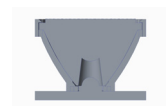
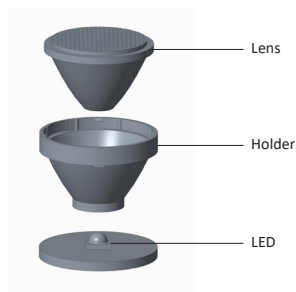
Assembly Instruction

Part No LL01CR-HQxxL06-M2
Holder LL01CRCY30Hx

Fixing Method

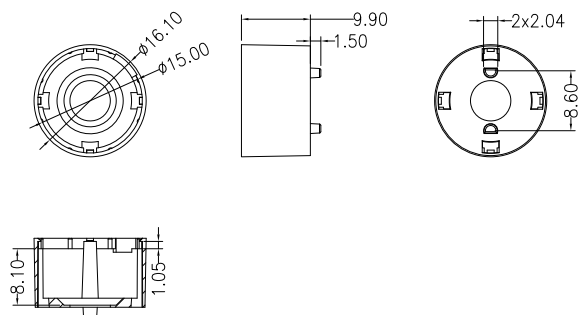


Luminarie
Accessories



Holder Dimension

LL01ZZZQ25Hx



Assembly Instruction

Part No LL01ZZ-HQxxL06-Mx-T
Holder LL01ZZZQ25Hx
Tape LL01A00ZBXX

Fixing Method



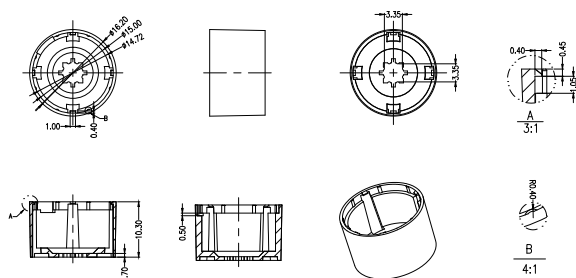
Luminarie
Accessories



Holder Dimension



LL01CRSN30Hx



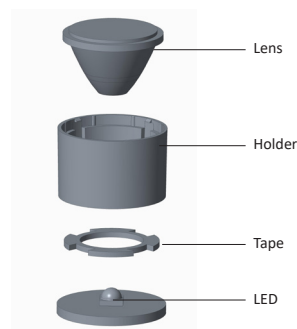
Assembly Instruction

Fixing Method

Part No LL01CR-SNxxL06-Mx-T
Holder LL01CRSN30Hx
Tape LL01A40AXYXX



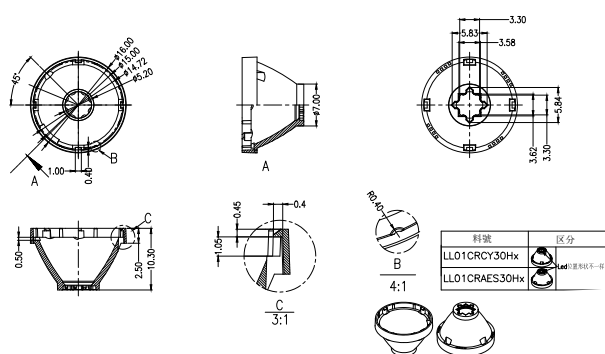
Luminarie
Accessories



Holder Dimension



LL01CRAES30Hx



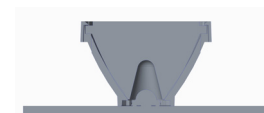
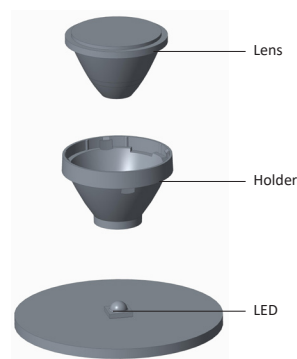
Assembly Instruction

Fixing Method

Part No LL01AES-HQxxL06-Mx
Holder LL01CRAES30Hx

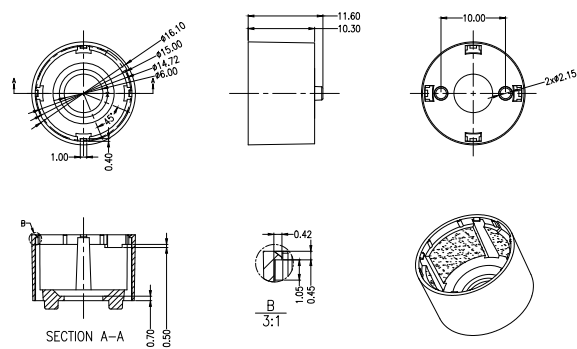


Luminarie
Accessories



Holder Dimension

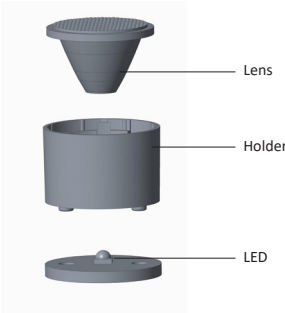
LL01CRWJ30H×



Assembly Instruction

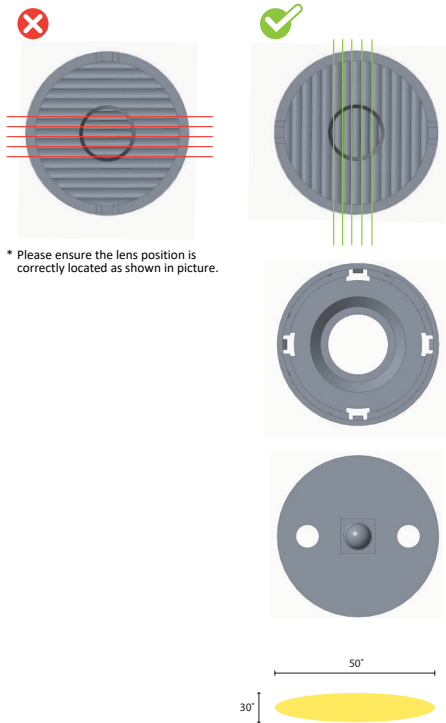
Part No LL01CR-WJ××L06-M×
Holder LL01CRWJ30H×

Fixing Method



Assembly Instruction

Part No LL01CR-WJ××L06-M×
Holder LL01CRWJ30H×



* Please ensure the lens position is correctly located as shown in picture.

Photometric Distribution



Photometric Distribution

LED



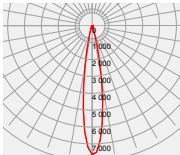
15°

-

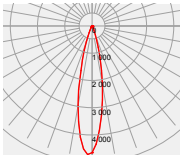
25°

-

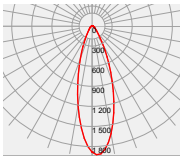
30°



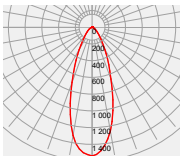
40°



60°



80°



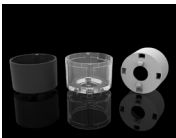
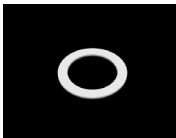
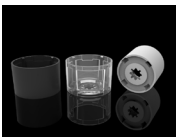
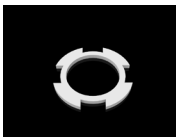
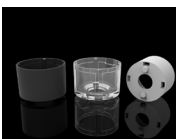
25°x45°

-

30°x50°

-

Details by LED

Part No	Holder	Tape	LED Package Size	LED
LL01CR-HQxxL06-Mx	 LL01CRCY30Hx	-	3535	 CREE XPE
LL01ZZ-HQxxL06-Mx-T	 LL01ZZZQ25Hx	 LL01A00ZBXX	3535	 CREE XPE  CREE XPE2  CREE XPG  CREE XP-G2  CREE XP-G3
LL01CR-SNxxL06-Mx-T	 LL01CRSN30Hx	 LL01A40AXYXX	3535	 CREE XPE2  CREE XP-G3
LL01CR-WJxxL06-Mx	 LL01CRWJ30Hx	-	2525 / 3535	 CREE XB-D  NICHIA NCSxx19A
LL01AES-HQxxL06-Mx	 LL01CRAES30Hx	-	3535	 CREE XPE

LED	Part No	FWHM	cd / lm	IES
	LL01CR-WJ15L06-M2	-	-	-
	LL01CR-WJ25L06-M2	-	-	-
	LL01CR-WJ30L06-M2	17°	6.2	
	LL01CR-WJ40L06-M2	22°	3.7	
	LL01CR-WJ60L06-M2	33°	1.8	
	LL01CR-WJ80L06-M2	39°	1.3	
	LL01CR-WJ2545L06-M2	-	-	-
	LL01CR-WJ3050L06-M2	-	-	-
	LL01CR-HQ15L06-M2	10°	13.2	
	LL01CR-HQ25L06-M2	12°	9.7	
	LL01CR-HQ30L06-M2	15°	9.0	
	LL01CR-HQ40L06-M2	19°	6.5	
	LL01CR-HQ60L06-M2	31°	2.0	
	LL01CR-HQ80L06-M2	45°	1.1	
	LL01CR-HQ2545L06-M2	14°x28°	5.0	
	LL01CR-HQ3050L06-M2	13°x33°	4.9	
	LL01ZZ-HQ15L06-Mx-T	10°	13.2	
	LL01ZZ-HQ25L06-Mx-T	12°	9.7	
	LL01ZZ-HQ30L06-Mx-T	15°	9.0	
	LL01ZZ-HQ40L06-Mx-T	19°	6.5	
	LL01ZZ-HQ60L06-Mx-T	31°	2.0	
	LL01ZZ-HQ80L06-Mx-T	45°	1.1	
	LL01ZZ-HQ2545L06-Mx-T	14°x28°	5.0	
	LL01ZZ-HQ3050L06-Mx-T	13°x33°	4.9	
	LL01AES-HQ15L06-M2	10°	13.2	
	LL01AES-HQ25L06-M2	12°	9.7	
	LL01AES-HQ30L06-M2	15°	9.0	
	LL01AES-HQ40L06-M2	19°	6.5	
	LL01AES-HQ60L06-M2	31°	2.0	
	LL01AES-HQ80L06-M2	45°	1.1	
	LL01AES-HQ2545L06-M2	14°x28°	5.0	
	LL01AES-HQ3050L06-M2	13°x33°	4.9	
	LL01ZZ-HQ15L06-Mx-T	9°	14.9	
	LL01ZZ-HQ25L06-Mx-T	14°	8.9	
	LL01ZZ-HQ30L06-Mx-T	14°	9.9	
	LL01ZZ-HQ40L06-Mx-T	20°	5.9	
	LL01ZZ-HQ60L06-Mx-T	27°	2.9	
	LL01ZZ-HQ80L06-Mx-T	31°	2.5	
	LL01ZZ-HQ2545L06-Mx-T	10°x32°	5.6	
	LL01ZZ-HQ3050L06-Mx-T	10°x33°	6.5	
	LL01CR-SN15L06-Mx-T	9°	14.3	
	LL01CR-SN25L06-Mx-T	14°	8.6	
	LL01CR-SN30L06-Mx-T	14°	9.5	
	LL01CR-SN40L06-Mx-T	20°	5.7	
	LL01CR-SN60L06-Mx-T	27°	2.8	
	LL01CR-SN80L06-Mx-T	31°	2.4	
	LL01CR-SN2545L06-Mx-T	10°x32	5.4	
	LL01CR-SN3050L06-Mx-T	10°x34	6.4	

LED	Part No	FWHM	cd / lm	IES
	LL01ZZ-HQ15L06-Mx-T	15°	7.3	
	LL01ZZ-HQ25L06-Mx-T	15°	6.6	
	LL01ZZ-HQ30L06-Mx-T	20°	5.6	
	LL01ZZ-HQ40L06-Mx-T	23°	4.2	
	LL01ZZ-HQ60L06-Mx-T	35°	1.8	
	LL01ZZ-HQ80L06-Mx-T	53°	0.9	
	LL01ZZ-HQ2545L06-Mx-T	18°x29°	3.9	
	LL01ZZ-HQ3050L06-Mx-T	18°x28°	3.2	
	LL01ZZ-HQ15L06-Mx-T	-	-	-
	LL01ZZ-HQ25L06-Mx-T	-	-	-
	LL01ZZ-HQ30L06-Mx-T	18°	6.5	
	LL01ZZ-HQ40L06-Mx-T	23°	4.4	
	LL01ZZ-HQ60L06-Mx-T	30°	2.3	
	LL01ZZ-HQ80L06-Mx-T	29°	2.5	
	LL01ZZ-HQ2545L06-Mx-T	15°x34°	4.4	
	LL01ZZ-HQ3050L06-Mx-T	14°x33°	4.6	
	LL01ZZ-HQ15L06-Mx-T	-	-	-
	LL01ZZ-HQ25L06-Mx-T	-	-	-
	LL01ZZ-HQ30L06-Mx-T	20°	4.6	
	LL01ZZ-HQ40L06-Mx-T	26°	3.1	
	LL01ZZ-HQ60L06-Mx-T	31°	2.0	
	LL01ZZ-HQ80L06-Mx-T	30°	2.1	
	LL01ZZ-HQ2545L06-Mx-T	18°x34°	3.2	
	LL01ZZ-HQ3050L06-Mx-T	18°x34°	3.3	
	LL01CR-SN15L06-Mx-T	-	-	-
	LL01CR-SN25L06-Mx-T	-	-	-
	LL01CR-SN30L06-Mx-T	20°	4.5	
	LL01CR-SN40L06-Mx-T	26°	3.1	
	LL01CR-SN60L06-Mx-T	31°	2.0	
	LL01CR-SN80L06-Mx-T	30°	2.1	
	LL01CR-SN2545L06-Mx-T	18°x34°	3.2	
	LL01CR-SN3050L06-Mx-T	18°x34°	3.3	
	LL01CR-WJ15L06-M2	-	-	-
	LL01CR-WJ25L06-M2	-	-	-
	LL01CR-WJ30L06-M2	16°	7.6	
	LL01CR-WJ40L06-M2	21°	4.7	
	LL01CR-WJ60L06-M2	31°	1.9	
	LL01CR-WJ80L06-M2	37°	1.5	
	LL01CR-WJ2545L06-M2	-	-	-
	LL01CR-WJ3050L06-M2	-	-	-

Product Nomenclature

Ledlink Led Type Lens Angle Holder

LL 01 ZZ -HQ 15 L06 -M2 -T

Lens Dot Number Serial Number Type of Material Tape

Ledlink Optics, Inc

Taiwan HQ

15F, No.655, Bannan Rd., Chung-Ho Dist.,
New Taipei City, Taiwan 235

Ledlink Optics (Dongguan) Co., Ltd

Dongguan Factory

No.5, TianKeng Industrial Dist., HengLi Town, DongGuan City,
GuangDong Province, China 523478

Ledlink Optics (Yangzhou) Co., Ltd

Yangzhou Factory

No.180, LinJiang Rd., YangZhou City, Jiangsu Province, China 225009

www.ledlink-optics.com

service@ledlink-optics.com

