

Datasheet

EFF05 Series

Available Distribution



5°

LED



Recommend Applications



General Information

PMMA 70°C -40°C	PC 110°C -40°C	PMMA 8N HB RTI 1.5mm 90°C	PC 1225Z V-2 RTI 1.5mm 125°C	400nm~900nm > 90%	☀️	🚫	🚫
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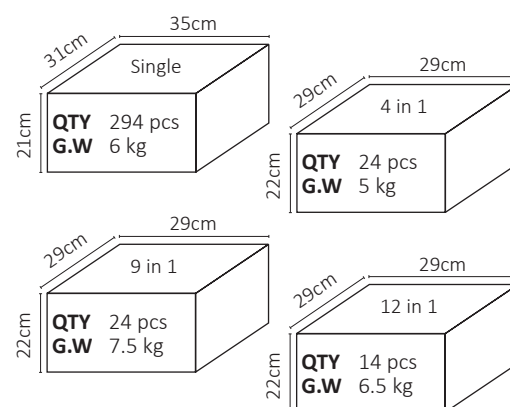
- Lens Material L06:PMMA 8N / L46:PC L-1225Z 100
- Operating Temperature PMMA:-40°C~+70°C / PC:-40°C~+110°C
- UL Flammability L06:HB @1.5mm / L46:V-2 @1.5mm
- UL RTI Elec L06:90°C @1.5mm / L46:125°C @1.5mm
- Light Transmission Rate 400nm~900nm > 90%
- ✓ If necessary, Clean lenses with mild soap, water 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 / LxW	Height
LL01CR-EFF05L06-Mx-T	Ø37.5	18.5
LL04CR-EFF05L46	106×106	
LL09CR-EFF05L46	136×136	24.7
LL12CR-EFF05L46	166×166	

*All dimensions are in millimeters.

Packaging Details (SPQ)



Accessories



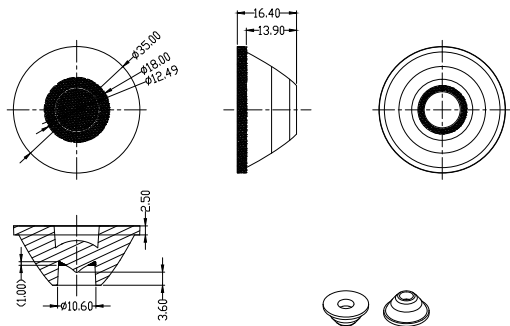
- Available with Holder LL01CRWG15Hx
- Available with Tape LL01A00YUXX
- Available with Waterproof Gasket LL01A00RXXX3(4in1)
LL01A00RXYX3(9in1)
LL01A00RXZX3(12in1)

Mechanical Specification

*All dimensions are in millimeters.

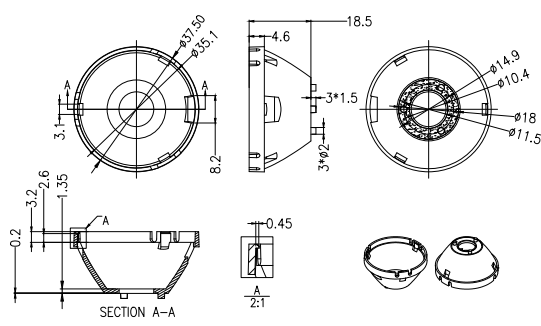
Lens Dimension

LL01CR-EFF05L06



Holder Dimension

LL01CRWG15Hx



Assembly Instruction

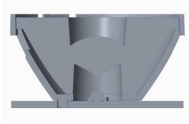
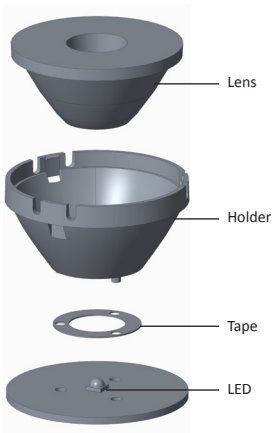
Fixing Method

Part No LL01CR-EFF05L06-Mx-T
Holder LL01CRWG15Hx
Tape LL01A00YUXX



Tape

Luminaire Accessories



*All dimensions are in millimeters.

0.58 2.09 0.50
0.40 2.00 0.50
3.50 0.50 2.25 0.50
2.13 4.90 2.61 1.52
2.00
DETAIL A
10:1

SECTION A-A

4-20.02 4-23.38
84.50 101.16
84.50 101.16

[illegible]

Technical drawing of a square frame. The main view shows a square frame with rounded corners. Dimensions include corner radii of $R=22.60$ and $R=23.38$, and overall dimensions of 144.50 and 161.15. A detail view (DETAIL A 10:1) shows a cross-section of the frame with dimensions: 0.58, 2.06, 0.50, 2.00, 0.50, 2.25, 0.50, 3.50, 2.00, 2.13, 1.90, 2.61, 1.52, and 1.50. A section view (SECTION A-A) shows the frame's profile with a central hole.

Mechanical Specification

*All dimensions are in millimeters.

Assembly Instruction

Part No LL04CR-EFF05L46
Waterproof Gasket LL01A00RXXX3

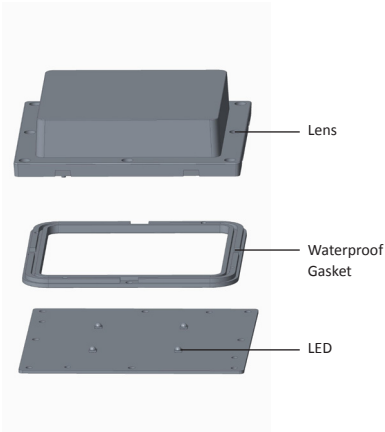
Fixing Method



Screw



Luminarie Accessories



Assembly Instruction

Part No LL09CR-EFF05L46
Waterproof Gasket LL01A00RXYX3

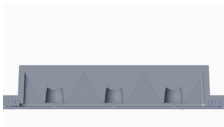
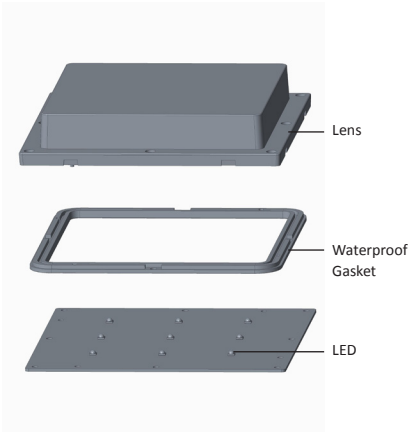
Fixing Method



Screw



Luminarie Accessories



Assembly Instruction

Part No LL12CR-EFF05L46
Waterproof Gasket LL01A00RXZX3

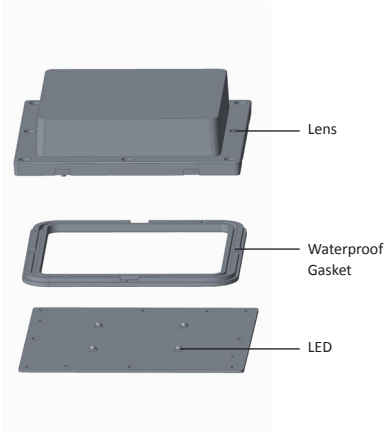
Fixing Method



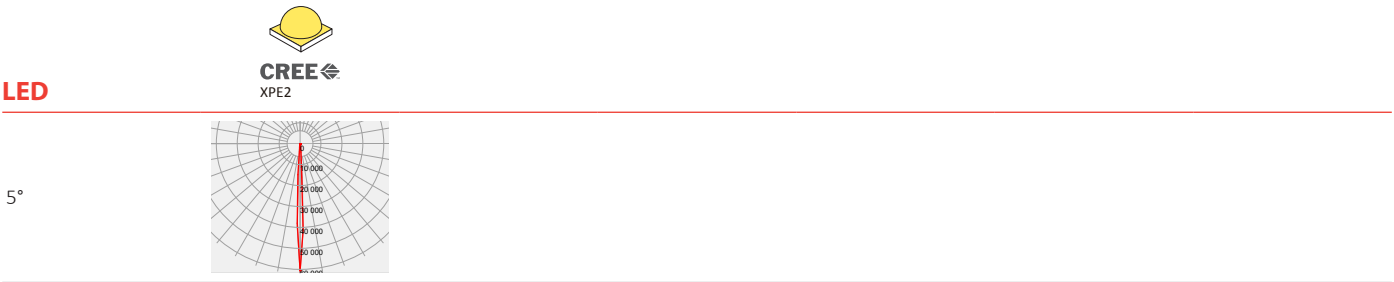
Screw



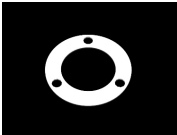
Luminarie Accessories



Photometric Distribution



Details by LED

Part No	Holder	Tape	Waterproof Gasket	LED Package Size	LED
LL01CR-EFF05L06-M2-T	 LL01CRWG15Hx	 LL01A00YUXX	-	3535	 CREE XPE2
LL04CR-EFF05L46	-	-	 LL01A00RXXX3		
LL09CR-EFF05L46	-	-	 LL01A00RXYX3		
LL12CR-EFF05L46	-	-	 LL01A00RXZX3		

LED	Part No	FWHM	cd / lm	IES
 CREE XPE2	LL01CR-EFF05L06-M2-T	5°	61.4	
	LL04CR-EFF05L46	4°	75.6	
	LL09CR-EFF05L46	4°	73.9	
	LL12CR-EFF05L46	4°	65.7	

Product Nomenclature

Ledlink Led Type Lens Angle Holder

LL 01 CR- EFF 05 L06- M2- T

Lens Dot Number Serial Number Type of Material Tape

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