

Data Sheet

LL03OS-GKxxL06



OSLON SSL 80



Features & Typical Applications

- High efficiency
- Available with 4 beam angles
- Optimized for uniform effect
- Lens without Housing
- Spotlight
- Architectural Lighting

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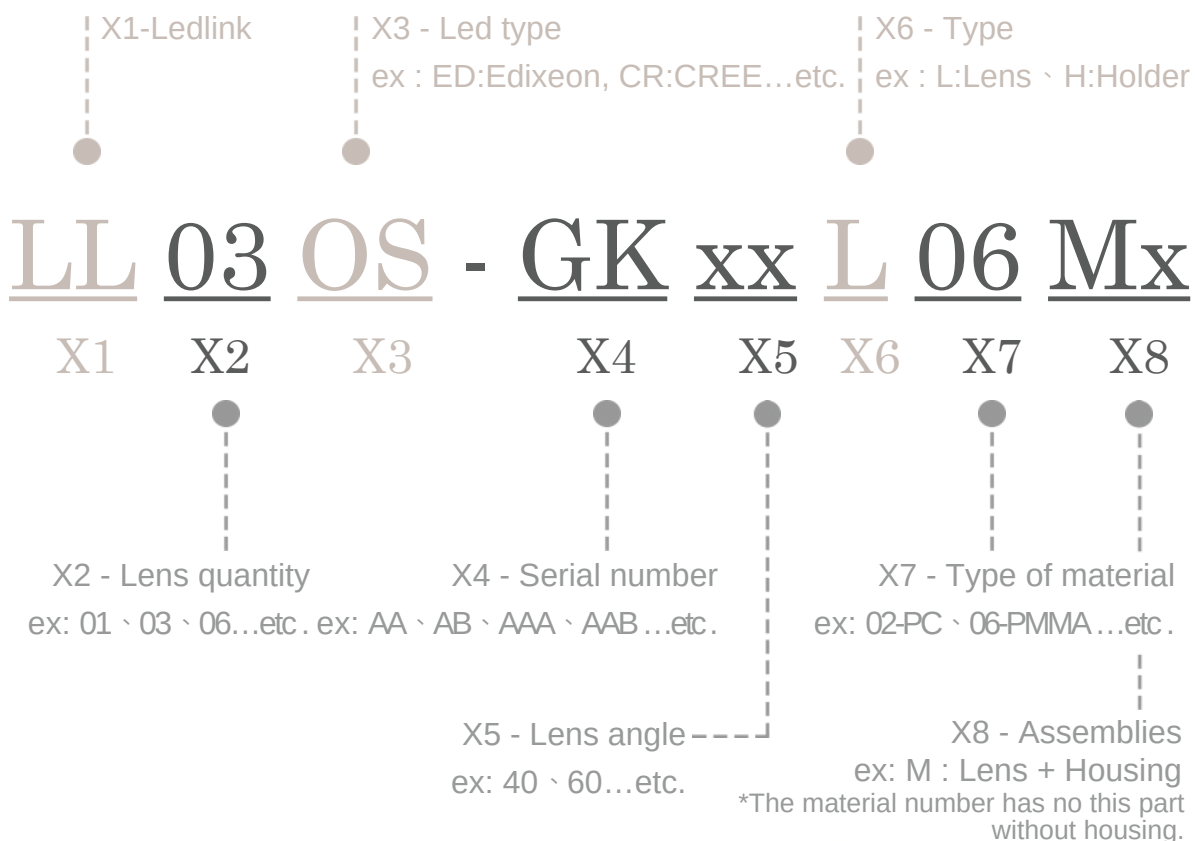
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General Information

- Lens Material Optical Grade PMMA
- Operating Temperature range -40°C~+70°C(upper limit +80°C)
- Storage Temperature range -40°C~+70°C(upper limit +80°C)
 - * Average transmittance in visible spectrum 400nm~700nm>90%
- Usage and Maintenance:
 1. If necessary, clean lenses with mild soap, water and soft cloth.
 2. Never use any commercial cleaning solvents on lenses, like alcohol.
 3. Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.

Product Nomenclature



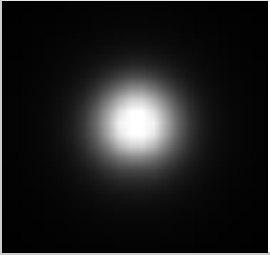
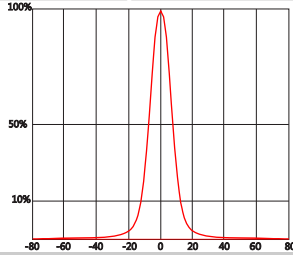
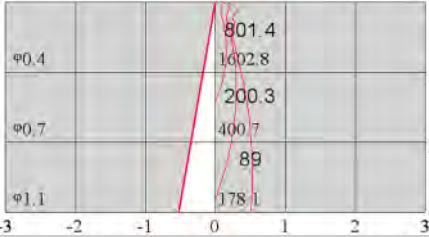
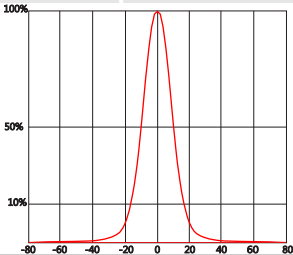
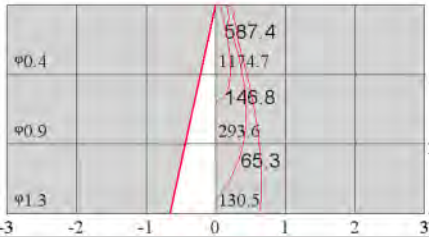
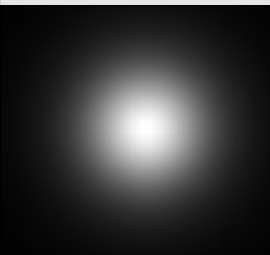
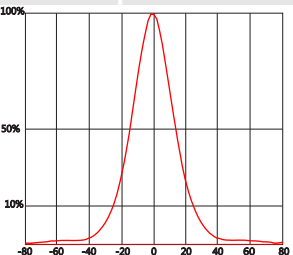
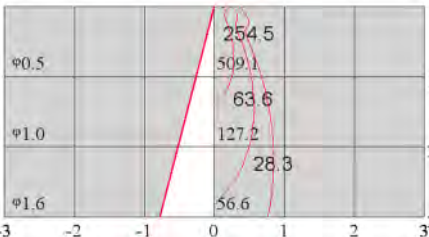
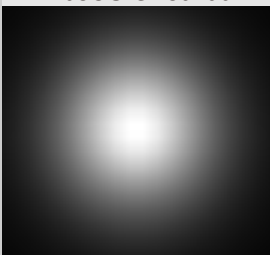
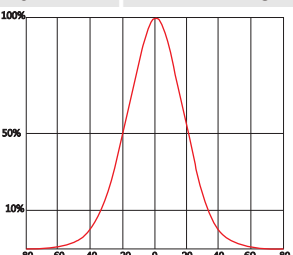
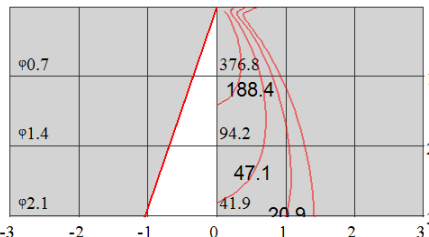
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Optical Specifications



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Note: (1) All the results of analysis are based on 0 degrees of elevation.
 (2) Tolerance: $\pm 10\%$.
 (3) Led Luminous Flux(lm): 94($\pm 5\%$).

Part Number	FWHM	Field Angle*	cd / lm	IES File
LL03OS-GK25L06	17°	33°	5.9	Download
				
Beam Pattern	Light Distribution Curve	Illuminance Distribution		
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL03OS-GK40L06	23°	43°	4.2	Download
				
Beam Pattern	Light Distribution Curve	Illuminance Distribution		
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL03OS-GK60L06	32°	66°	1.8	Download
				
Beam Pattern	Light Distribution Curve	Illuminance Distribution		
Part Number	FWHM	Field Angle*	cd / lm	IES File
LL03OS-GK80L06	40°	78°	1.3	Download
				
Beam Pattern	Light Distribution Curve	Illuminance Distribution		

*The Field Angle is the angle between the two directions opposed to each other over the beam axis for which the luminous intensity is 10% that of the maximum luminous intensity.
 *This testing result is obtained through testing the popular rank LED samples which provided by the original manufacturer. Hence, the testing results would be varied as the users choose same LED model but different rank.

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Mechanical Specification

1. Fixing method

☒ Glue

☐ Screw

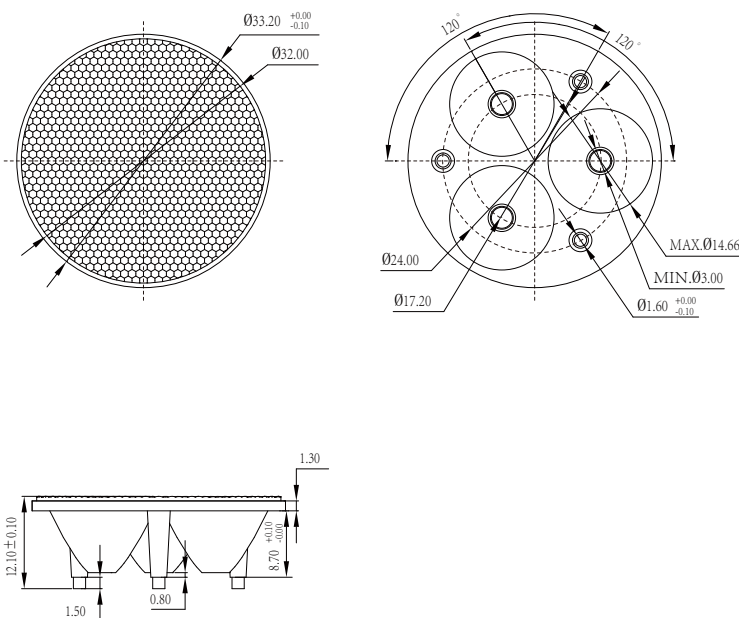
☐ Tape

☐ Fixing-ring

☒ Frame

Note: (1) All dimensions are in mm.
 (2) All measurements are ± 0.15 mm unless otherwise indicated.

2. Lens dimensions

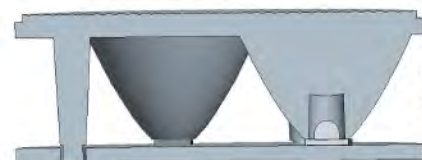


4. Lens assembly dimensions

3. Lens + Leds + MCPCB assembly instruction



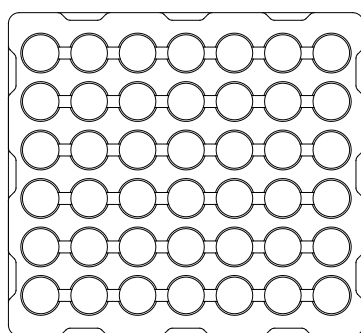
5. View assembly lens with MCPCB:



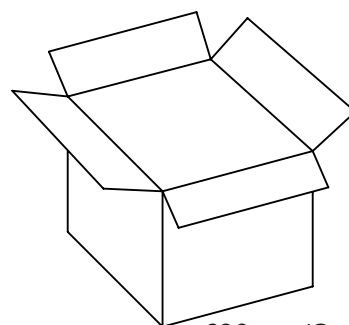
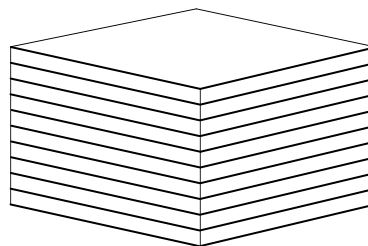
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Package Specifications

Item	Quantity	Total	Size(L*W*H)	G.W
Plastic box	42 pcs / plastic box	42 pcs	33*30*1.3 cm	4.5g
Outer box	15plastic box/Outer box	630 pcs	35*31*21 cm	



42 pcs/Inner box



630 pcs/Outer box



Note: