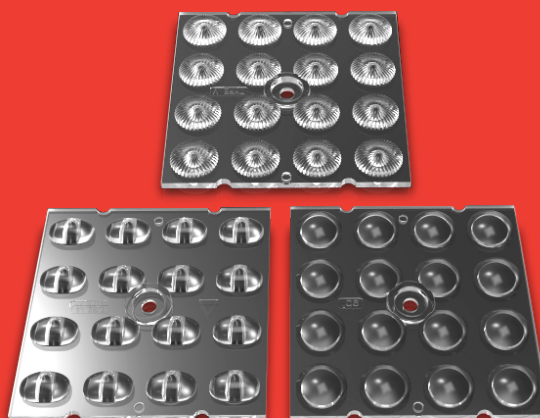
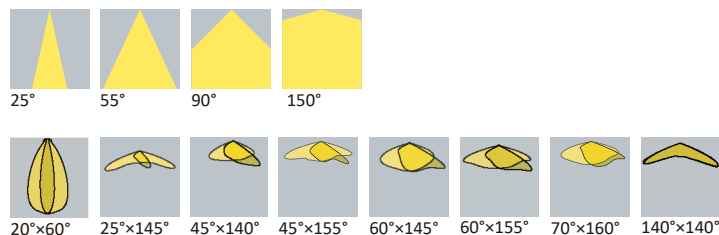




Datasheet

LL16ZZ-DVVxxLxx

Available Distribution



LED



Recommend Applications



General Information

PMMA 70°C -40°C	PC 110°C -40°C	PMMA 8N HB RTI 1.5mm 90°C	PC 1250Z HB RTI 1.5mm 125°C	400nm~900nm > 90%		
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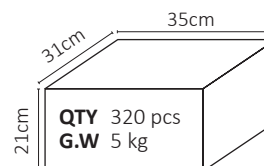
- Lens Material L06: PMMA 8N / L19: PC 1250Z
- Operating Temperature L06: -40°C~+70°C / L19: -40°C~+110°C
- UL Flammability HB @ 1.5mm
- UL RTI Elec L06: 90°C / L19: 125°C @ 1.5mm
- Light Transmission Rate 400nm~900nm > 90%
- ✓ If necessary, Clean lenses with mild soap, water and soft cloth.
- ⚠ Never 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	Height	L×W
LL16ZZ-DVV25L19	6.3	50×50
LL16ZZ-DVV55L19	7.3	
LL16ZZ-DVV90L19	3.8	
LL16ZZ-DVV150L19	3.8	
LL16ZZ-DVV2060L19	7.2	
LL16ZZ-DVV25145L19	4.18	
LL16ZZ-DVV45140L19	4.17	
LL16ZZ-DVV45155L19	3.92	
LL16ZZ-DVV60145L19	3.78	
LL16ZZ-DVV60155L19	3.68	
LL16ZZ-DVV70160L19	3.63	
LL16ZZ-DVV140140L06	4.94	

*All dimensions are in millimeters.

Packaging Details (SPQ)



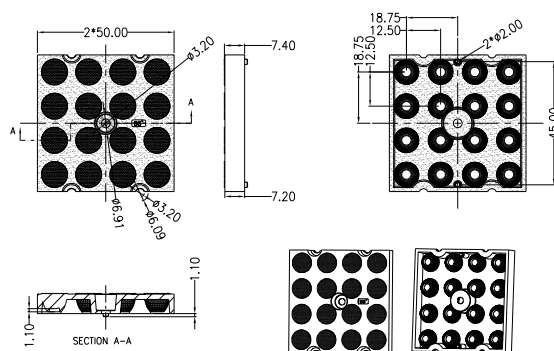
Mechanical Specification

*All dimensions are in millimeters.

Lens Dimension



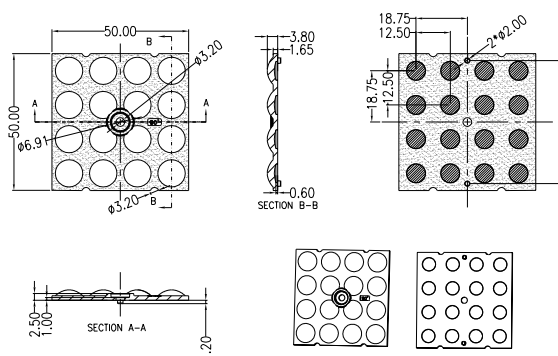
LL16ZZ-DVV55L19



Lens Dimension



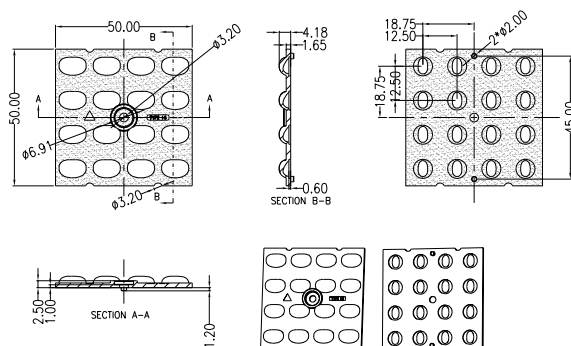
LL16ZZ-DVVxxL19 (90°/150°)



Lens Dimension

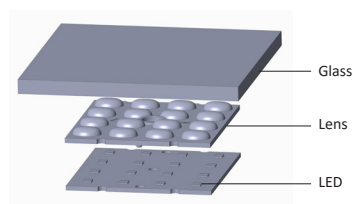


LL16ZZ-DVVxxLxx (25°×145°/60°×145°/140°×140°)



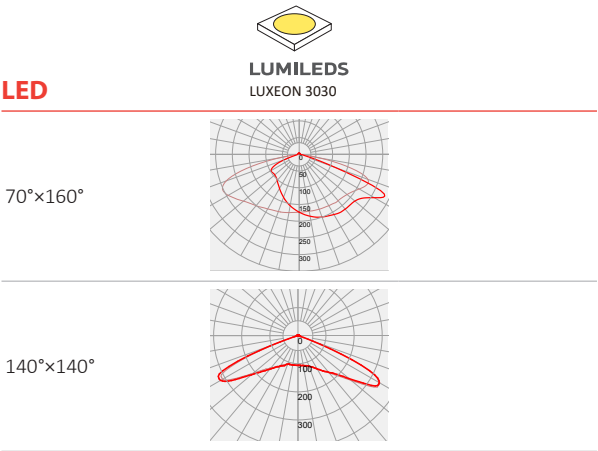
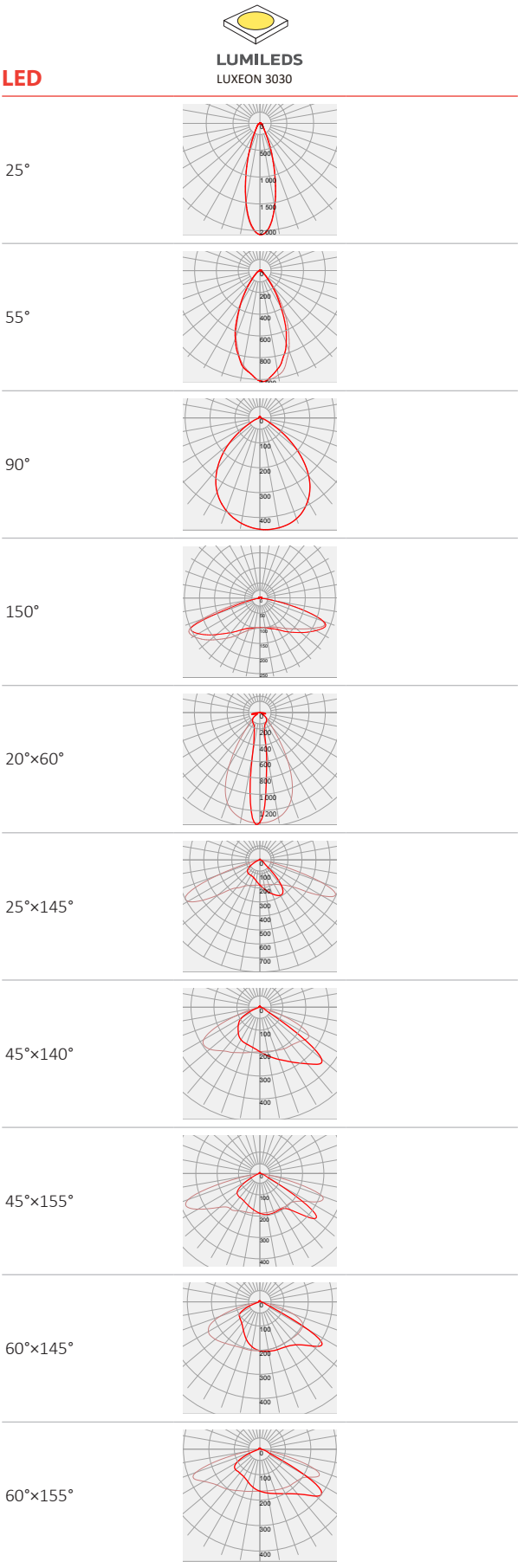
Assembly Instruction

Fixing Method



The height of the glass is 5mm.
Place the bottom of the glass above the top of the PCB with distance 8mm.

Photometric Distribution



Details by LED

Part No	Accessories	LED Package Size	LED
LL16ZZ-DVVxxLxx	-	LES Ø2.6	 LUMILEDS LUXEON 3030

LED	Part No	Type	FWHM	cd / lm	IES
 LUMILEDS LUXEON 3030	LL16ZZ-DVV25L19	-	30°	2.0	
	LL16ZZ-DVV55L19	-	51°	1.0	
	LL16ZZ-DVV90L19	-	91°	0.4	
	LL16ZZ-DVV150L19	VS-Very Short	149°	0.2	
	LL16ZZ-DVV2060L19	-	15°x61°	1.3	
	LL16ZZ-DVV25145L19	I-Short	56°x143°	0.7	
	LL16ZZ-DVV45140L19	II-Short	63°x136°	0.4	
	LL16ZZ-DVV45155L19	II-Medium	71°x150°	0.4	
	LL16ZZ-DVV60145L19	III-Short	84°x144°	0.4	
	LL16ZZ-DVV60155L19	III-Medium	73°x149°	0.4	
	LL16ZZ-DVV70160L19	IV-Short	86°x153°	0.3	
	LL16ZZ-DVV140140L06	VS-Short	135°x135°	0.5	

Product Nomenclature

Ledlink Led Type Lens Angle

LL 16 ZZ -DVV 55 L19

Lens Dot Number Serial Number Type of Material

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