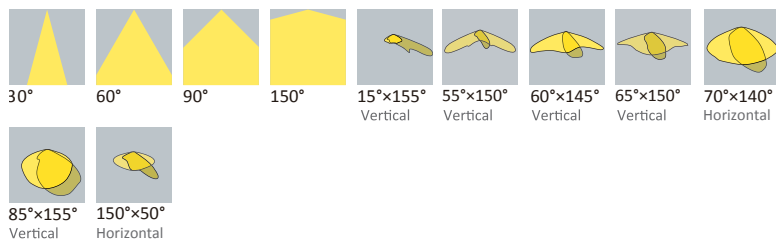




Datasheet

CUQ Series

Available Distribution



Dimensions

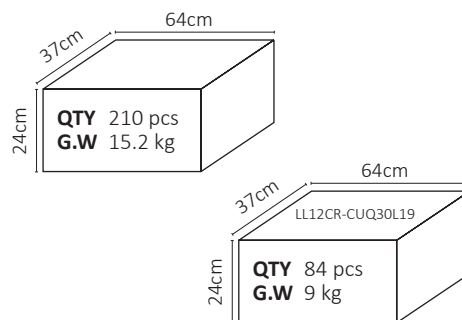
Part Number	Height	Part Number	Height
LL12CR-CUQ30L19	13.15	LL12LU-CUQ15050L19	8.4
LL12CR-CUQ60L19	11.28	LL12NI-CUQ55150L06	8.87
LL12CR-CUQ90L19	8.81	LL12NI-CUQ65145Lxx	8.64
LL12CR-CUQ150L19	8.63	LL12NI-CUQ65150L06	8.88
LL12CR-CUQ15155L19	8.87	LL12NI-CUQ15055Lxx	8.4
LL12CR-CUQ60145L19	8.15		
LL12CR-CUQ70140L19	9.04		
LL12CR-CUQ85155L19	8.58		
LxW	173x71.4		

*All dimensions are in millimeters.

LED



Packaging Details (SPQ)



Recommend Applications



General Information



- Lens Material L19: PC 1250Z / L02: PC LEV1700 / L06: PMMA 8N
- Operating Temperature PC: -40°C~+110°C / PMMA: -40°C~+70°C
- 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.

Accessories



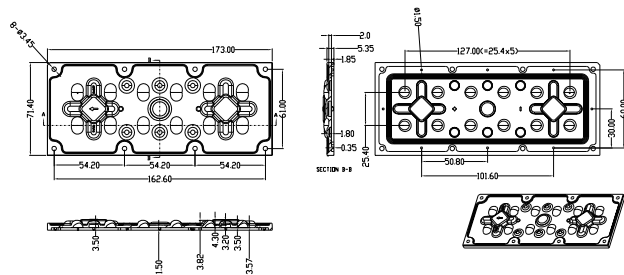
- Available with Waterproof Gasket LL01A00RSOX2

Mechanical Specification

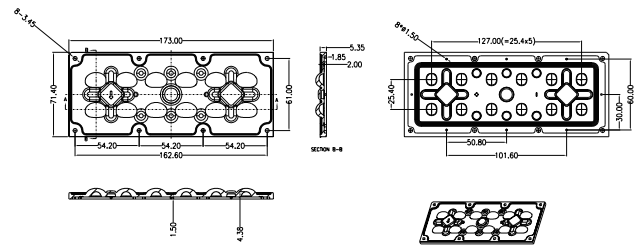
*All dimensions are in millimeters.

Lens Dimension

* Lenses are *vertical* to long side.
(15°×155° / 55°×150° / 60°×145° / 65°×150° / 85°×155°)

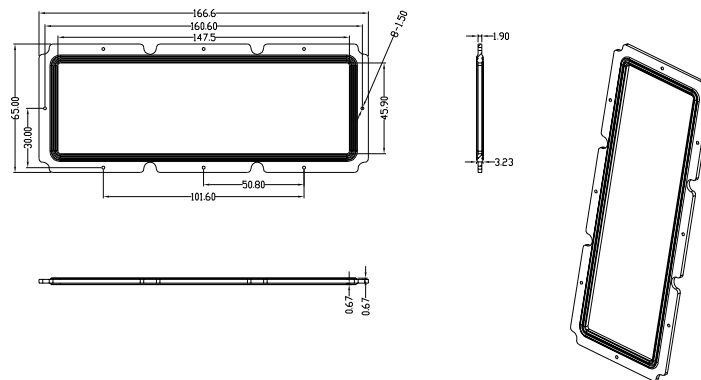


* Lenses are *horizontal* to long side.
(70°×140° / 150°×50°)



Waterproof Gasket Dimension

LL01A00RSOX2

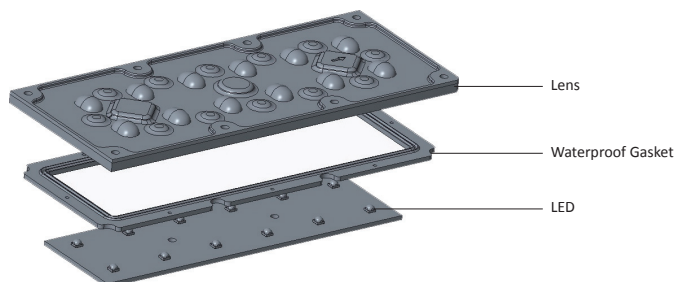


Assembly Instruction

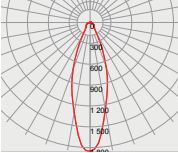
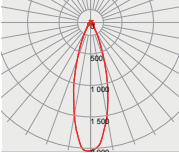
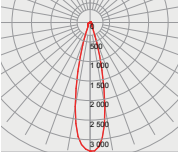
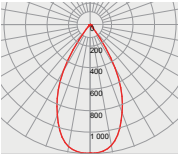
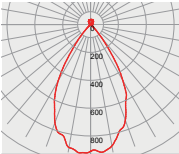
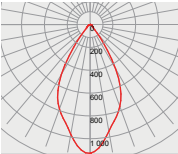
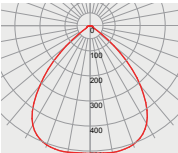
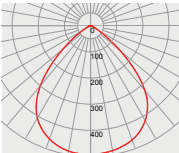
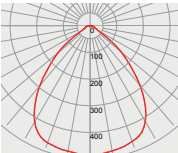
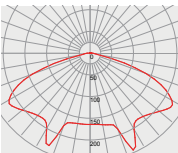
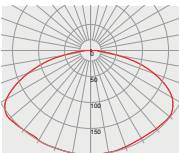
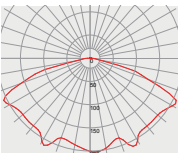
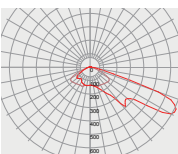
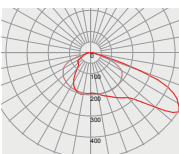
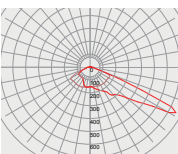
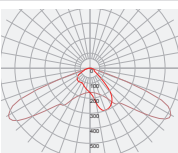
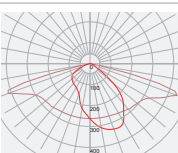
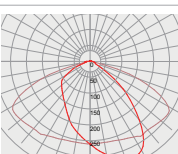
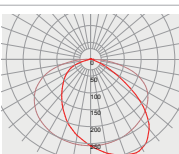
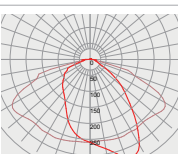
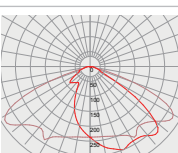
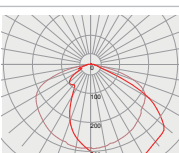
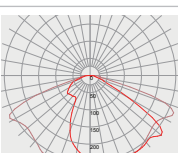
Fixing Method



Screw



Photometric Distribution

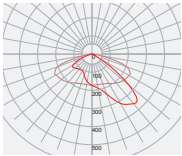
LED	 LUMILEDS LUXEON 5050	 CREE MHB-A	 CREE XP-G3
30°			
60°			
90°			
150°			
15°×155°			
55°×150°		-	-
60°×145°	-	-	
65°×150°		-	-
70°×140°			
85°×155°			

Photometric Distribution

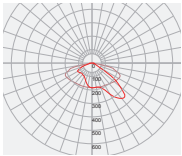
LED



150°×50°



-



Details by LED

Part No	Waterproof Gasket	LED Package Size	LED
LL12CR-CUQxxL19 LL12LU-CUQ15050L19 LL12NI-CUQxxLxx (L02/L06)	 LL01A00RSOX2	3535 / 5050	  

LED	Part No	Type	FWHM	cd / lm	IES
 LUMILEDS LUXEON 5050	LL12CR-CUQ30L19	-	32°	1.8	
	LL12CR-CUQ60L19	-	55°	1.1	
	LL12CR-CUQ90L19	-	86°	0.5	
	LL12CR-CUQ150L19	V-Very Short	142°	0.2	
	LL12CR-CUQ15155L19	IV-Very Short	31°×134°	0.7	
	LL12CR-CUQ60145L19	-	-	-	-
	LL12CR-CUQ70140L19	II-Short	73°×142°	0.4	
	LL12CR-CUQ85155L19	II-Short	76°×138°	0.4	
	LL12LU-CUQ15050L19	II-Short	63°×156°	0.6	
	LL12NI-CUQ15055L02	II-Medium	59°×153°	0.5	
	LL12NI-CUQ15055L06	II-Medium	66°×152°	0.4	
	LL12NI-CUQ55150L06	I-Short	49°×138°	0.6	
	LL12NI-CUQ65145L02	II-Short	67°×149°	0.5	
	LL12NI-CUQ65145L06	II-Short	65°×151°	0.4	
	LL12NI-CUQ65150L06	II-Medium	65°×151°	0.4	
 CREE MHB-A	LL12CR-CUQ30L19	-	30°	2.0	
	LL12CR-CUQ60L19	-	60°	0.9	
	LL12CR-CUQ90L19	-	88°	0.4	
	LL12CR-CUQ150L19	V-Very Short	148°	0.2	
	LL12CR-CUQ15155L19	III-Very Short	38°×137°	0.5	
	LL12CR-CUQ60145L19	-	-	-	-
	LL12CR-CUQ70140L19	II-Very Short	86°×147°	0.3	
	LL12CR-CUQ85155L19	III-Short	86°×142°	0.3	
 CREE XP-G3	LL12CR-CUQ30L19	-	24°	3.2	
	LL12CR-CUQ60L19	-	55°	1.1	
	LL12CR-CUQ90L19	-	86°	0.4	
	LL12CR-CUQ150L19	V-Very Short	148°	0.2	
	LL12CR-CUQ15155L19	III-Very Short	16°×140°	0.7	
	LL12CR-CUQ60145L19	I-Short	51°×139°	0.5	
	LL12CR-CUQ70140L19	II-Short	71°×145°	0.4	
	LL12CR-CUQ85155L19	II-Short	84°×144°	0.4	
	LL12LU-CUQ15050L19	III-Medium	48°×150°	0.5	
	LL12NI-CUQ65150L06	II-Medium	102°×154°	0.5	

Product Nomenclature

Ledlink Led Type Lens Angle
LL 12 CR -CUQ 30 L19
Lens Dot Number Serial Number Type of Material

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