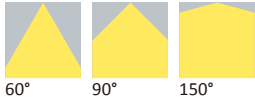


Datasheet

# LL24ZZ-EMZxxLxx

## Available Distribution



## Dimensions

Part Number	Height	LxW
LL24ZZ-EMZxxLxx	10.1	173x71.4

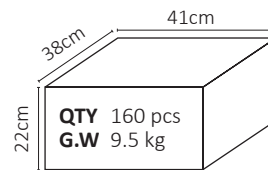
\*All dimensions are in millimeters.

## LED



**LUMILEDS**  
LUXEON 5050

## Packaging Details (SPQ)



## Recommend Applications



Industrial

## General Information

PMMA 70°C -40°C	PC 110°C -40°C	PMMA 8N HB RTI 90°C	PC LEV1700K V-2 RTI 130°C	400nm~900nm > 90%		
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- Lens Material L06: PMMA 8N / L02: PC LEV1700KL
- Operating Temperature PMMA: -40°C~+70°C / PC: -40°C~+110°C
- UL Flammability PMMA: HB / PC 1700KL: V-2 @1.5mm
- UL RTI Elec PMMA: 90°C / PC 1700KL: 130°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.

## Accessories



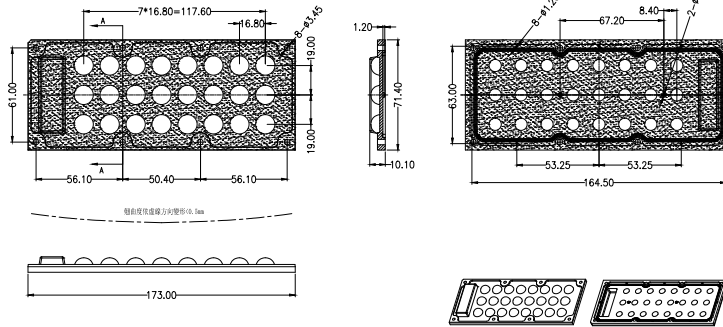
- Available with Waterproof Gasket  
LL01A00RYGX2

# Mechanical Specification

\*All dimensions are in millimeters.

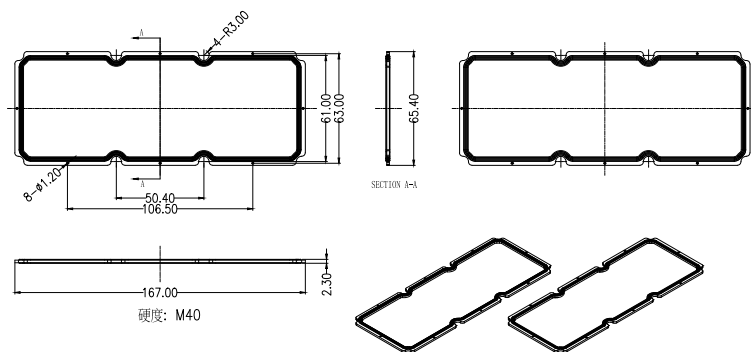
## Lens Dimension

LL24ZZ-EMZxxLxx



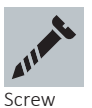
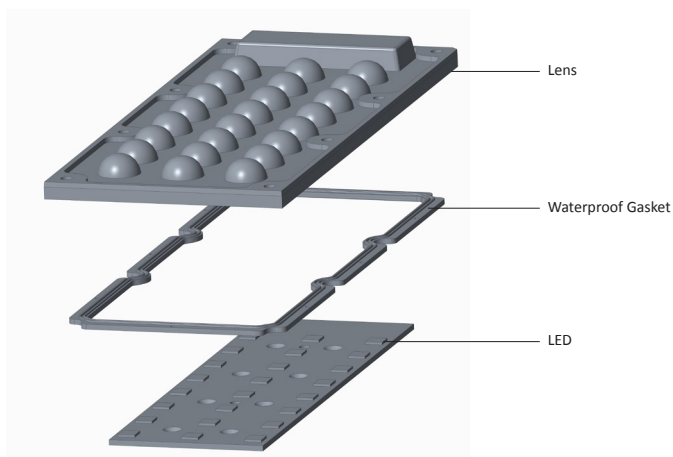
## Waterproof Gasket Dimension

LL01A00RYGX2



## Assembly Instruction

Fixing Method



# Photometric Distribution

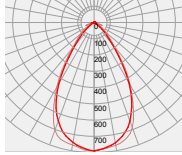


**LUMILEDS**  
LUXEON 5050

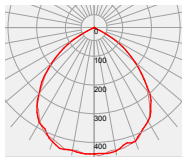
**LED**

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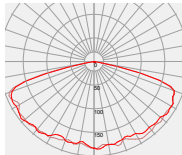
60°



90°










150°

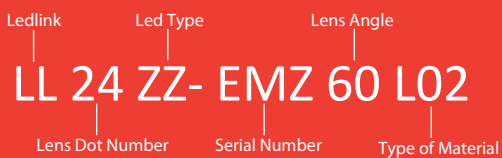


# Details by LED

Part No	Waterproof Gasket	LED Package Size	LED
LL24ZZ-EMZxxLxx	 LL01A00RYGX2	5050	 LUMILEDS LUXEON 5050

LED	Part No	Type	FWHM	cd / lm	IES
 LUMILEDS LUXEON 5050	LL24ZZ-EMZ60L02	-	62°	0.7	
	LL24ZZ-EMZ90L02	-	94°	0.4	
	LL24ZZ-EMZ150L02	-	152°	0.2	
	LL24ZZ-EMZ60L06	-	64°	0.7	
	LL24ZZ-EMZ90L06	-	96°	0.4	
	LL24ZZ-EMZ150L06	-	148°	0.2	

## Product Nomenclature



### 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., HengLiTown, 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](http://www.ledlink-optics.com)

[service@ledlink-optics.com](mailto:service@ledlink-optics.com)

