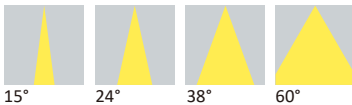




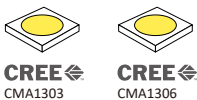
Datasheet

LL01ZZ-ENDxxL191-Mx

Available Distribution



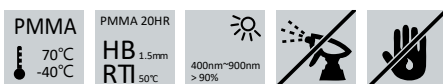
LED



Recommend Applications



General Information



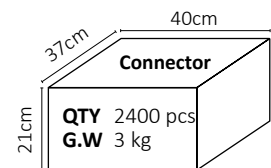
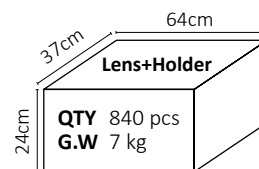
- Lens Material PMMA 20HR
- Operating Temperature -40°C~+70°C
- UL Flammability HB @1.5mm
- UL RTI Elec 50°C @1.5mm
- Light Transmission Rate 400nm~900nm > 90%
- ☑ If necessary, Clean lenses with mild soap, water and soft cloth.
- ⚠ Never use any commercial cleaning solvents on lenses, like alcohol.
- 🧤 Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.

Dimensions

Part Number	Diameter	Height
LL01ZZ-ENDxxL191-Mx	Ø28	17.35

*All dimensions are in millimeters.

Packaging Details (SPQ)



Accessories



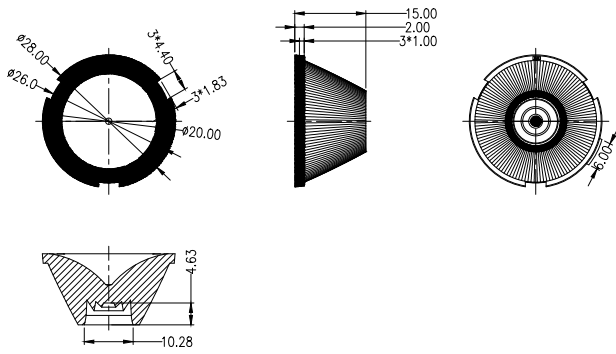
- Available with Holder LL01ZZADA28Hx
- Available with Connector LL01A00CYCB2

Mechanical Specification

*All dimensions are in millimeters.

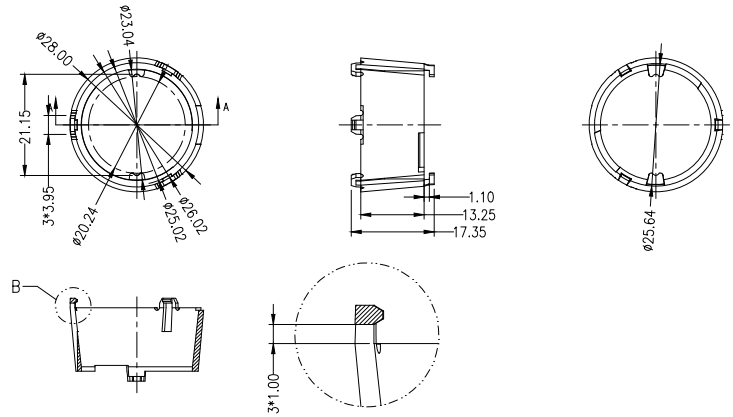
Lens Dimension

LL01ZZ-ENDxxL191-Mx



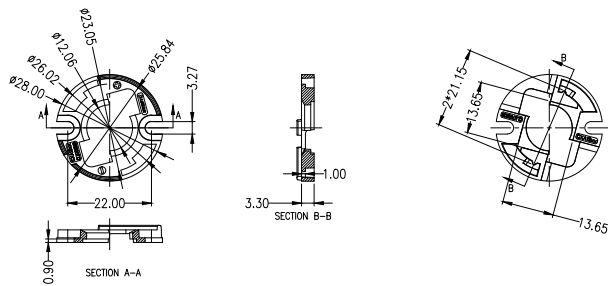
Holder Dimension

LL01ZZADA28Hx



Connector Dimension

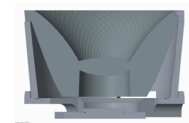
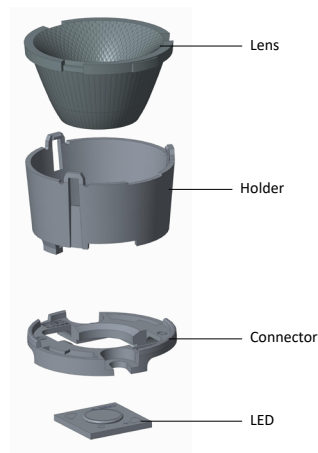
LL01A00CYCB2



Assembly Instruction

Fixing Method

Part No LL01ZZ-ENDxxL191-Mx
 Holder LL01ZZADA28Hx
 Connector LL01A00CYCB2
 LED CREE CMA1303 / CMA1306



Photometric Distribution




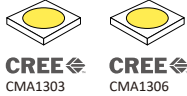
CREE
CMA1303





CREE
CMA1306

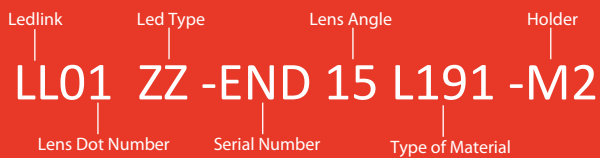
LED	CREE CMA1303	CREE CMA1306
15°		-
24°	-	
38°	-	
60°	-	

Details by LED

Part No	Holder	Connector	LED Size	LED
LL01ZZ-ENDxxL191-Mx	 LL01ZZADA28Hx	 LL01A00CYCB2	LES Ø4.5~6	 CREE CMA1303 CREE CMA1306

LED	Part No	FWHM	cd / lm	IES
 CREE CMA1303	LL01ZZ-END15L191-M2	18°	5.5	↓
 CREE CMA1306	LL01ZZ-END24L191-M2	21°	3.5	↓
	LL01ZZ-END38L191-M2	38°	1.9	↓
	LL01ZZ-END60L191-M2	60°	0.8	↓

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.6, Gaoxin Road, Tiankeng, Hengli Town, 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

service@ledlink-optics.com

