



PRODUCT DATASHEET

Lena series

last update 9/3/2015

DETAILS

Product Number	C13101_LENA-X-WAS
Family	Lena
Type	Reflector
Color	white
Diameter	111 mm
Height	37 mm
Style	round
Optic Material	HRPC
Holder Material	
Fastening	glue
Status	ready
ROHS Compliant	Yes
Date Updated	27/11/2014

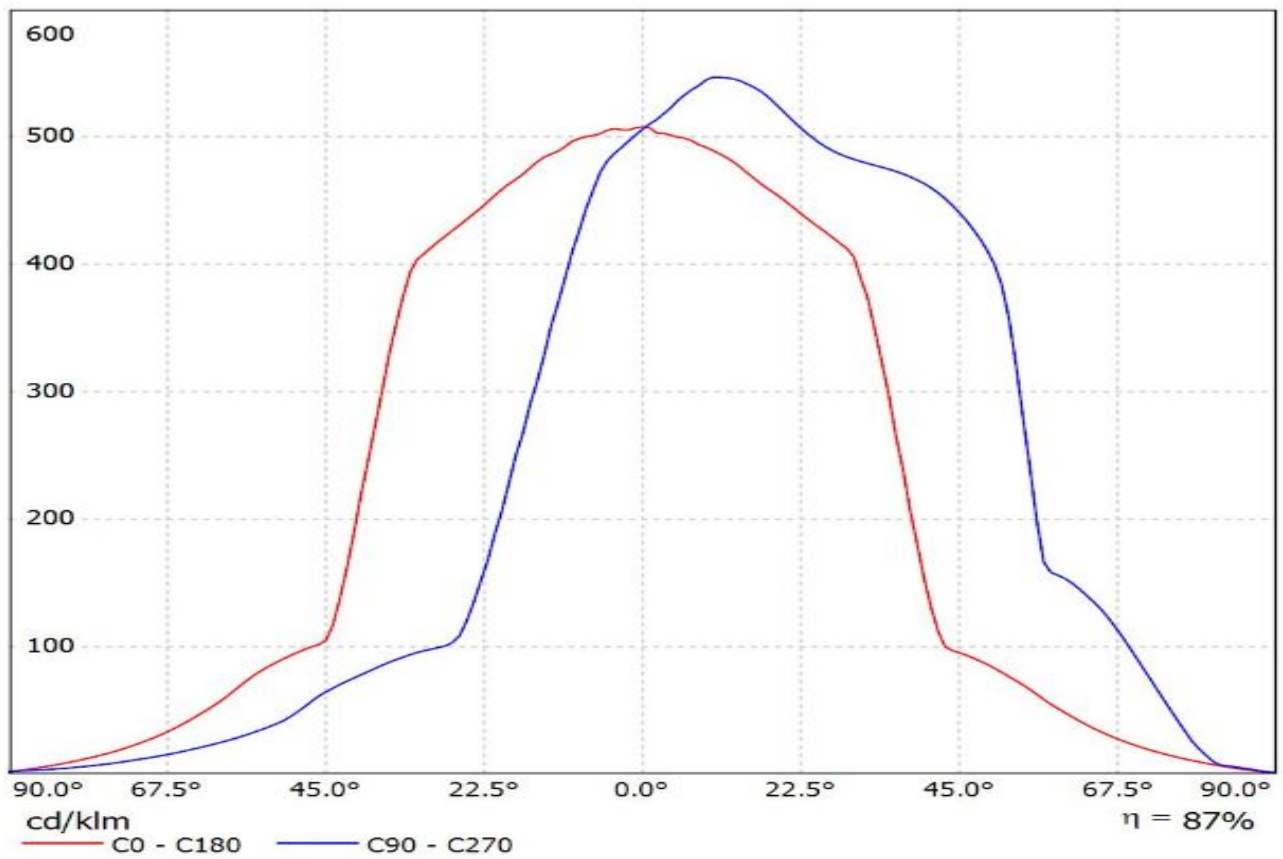


OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
Soleriq P13	Asym deg	Asymmetric	87 %	0.550	IDEAL: 50-2101CR + Lena(50-2100LN)
CXA/B 30xx	sim: Asymmetric	Asymmetric	sim: 82 %	sim: 0.680	IDEAL: 50-2234C + Lena(50-2100LN)

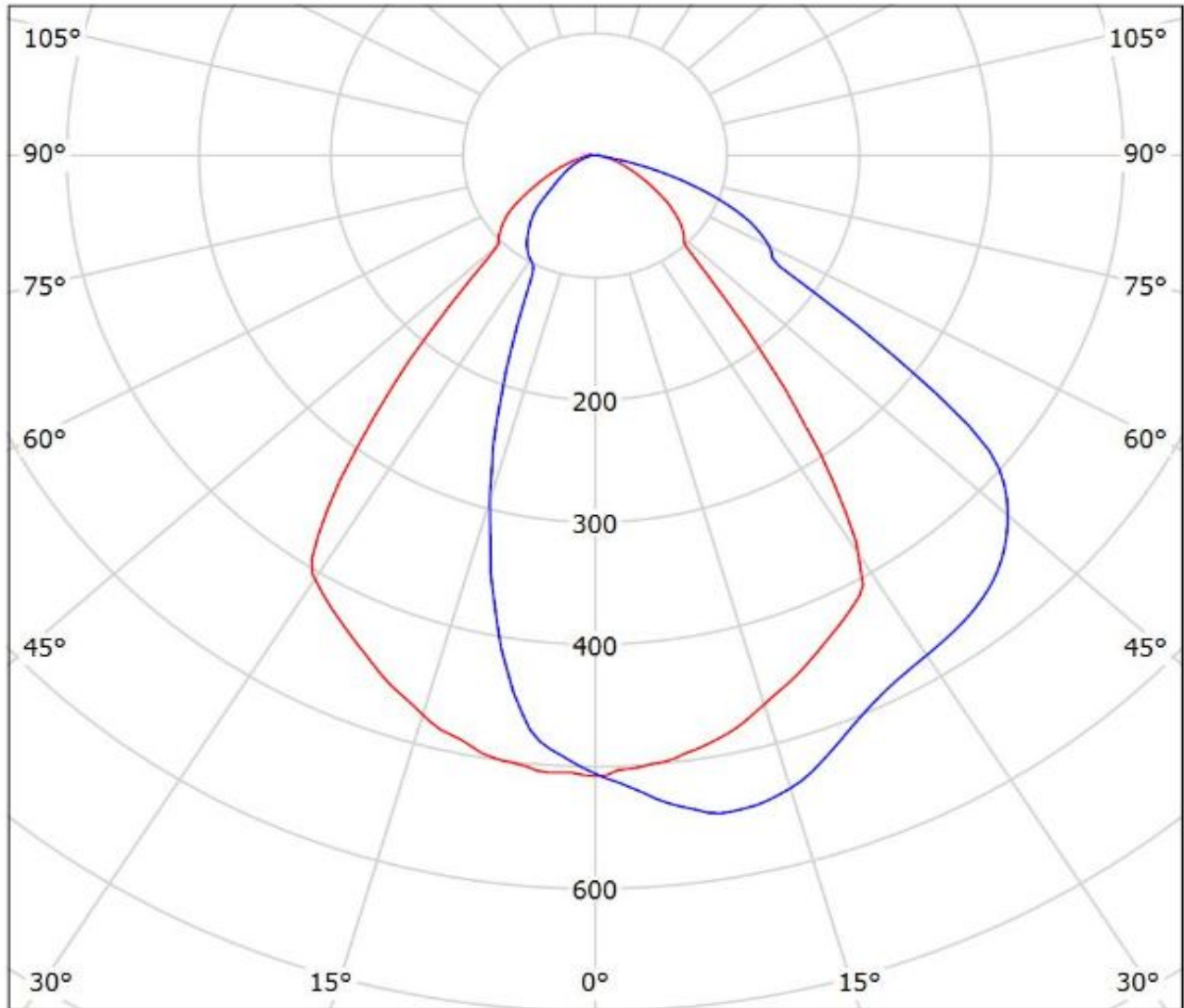
Luminaire: LEDiL Oy C13101_LENA-X-WAS_(SOLERIQ_P13)

Lamps: 1 x SOLERIQ_P13_(GW_MAGMB1.EM)_1018.49lm@250mA_CCT=3000K_P=8.79046W_I=249.8mA



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cd/klm

— C0 - C180

— C90 - C270

$\eta = 87\%$

NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.

GENERAL INFORMATION

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (short term 100 degrees of Celcius / 212 degrees of Fahrenheit).
- Fastening to PCB with appropriate adhesive. By clicking link below you can find Ledil recommended glue options.
http://www.ledil.com/datasheets/DataSheet_GLUES.pdf

Note! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the glue.

NOTE 2: All surfaces where glue is applied must be clean, dry and free from grease and dirt. If cleaning of PCB surfaces is needed, please follow strictly the cleaning instructions of your LED manufacturer -this is important as cleaning shall under no circumstances damage LEDs or other electronics components on the PCB.

Further note that optical components shall not be cleaned with any chemicals - only micro fiber cloth may be used to remove fingerprints or other traces from handling.