

LAURA-O

~40° x 12° oval beam optimized for CREE XP-E.
Assembly with black holder and installation
tape.

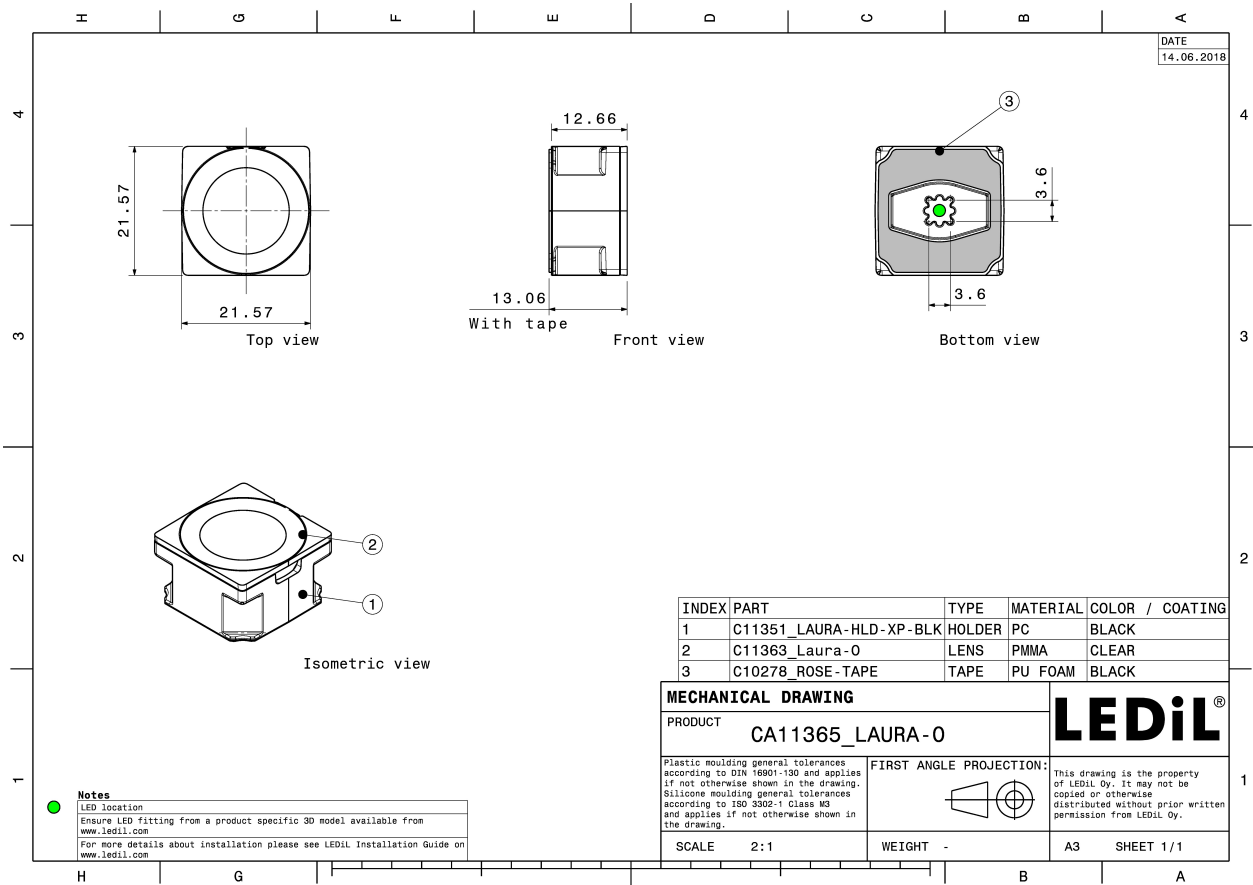
TECHNICAL SPECIFICATIONS:

Dimensions	21.6 x 21.6 mm
Height	13.1 mm
Fastening	tape
Colour	black
Box size	
Box weight	7.6 kg
Quantity in Box	1440 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LAURA-O	Lens	PMMA	clear
LAURA-HLD-XP-BLK	Holder	PC	black
ROSE-TAPE	Tape	PU tape	black



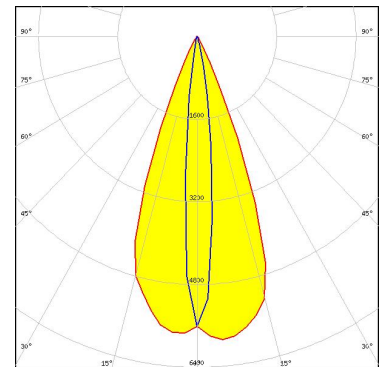
PHOTOMETRIC DATA (MEASURED):

CREE

LED XP-E
FWHM 13.0 + 40.0°
Efficiency 91 %
Peak intensity 4.100 cd/lm
Required components:

CREE

LED XP-E2
FWHM 40.0 + 12.0°
Efficiency 87 %
Peak intensity 5.700 cd/lm
Required components:

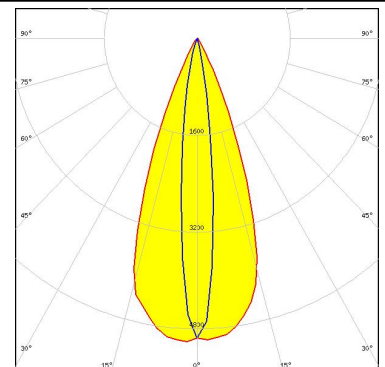
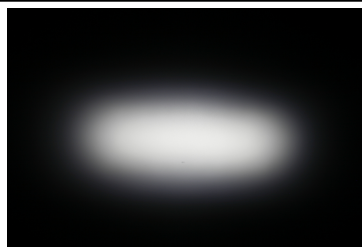


CREE

LED XP-G
FWHM 36.0 + 13.0°
Efficiency 91 %
Peak intensity 4.100 cd/lm
Required components:

CREE

LED XP-G2
FWHM 39.0 + 14.0°
Efficiency 87 %
Peak intensity 4.900 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

 **LG Innotek**

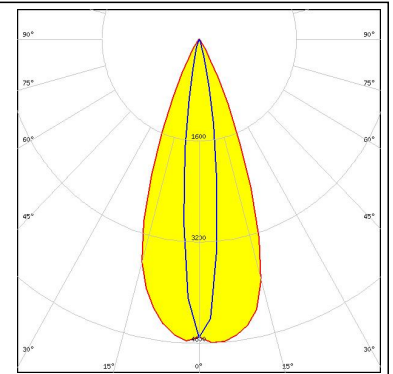
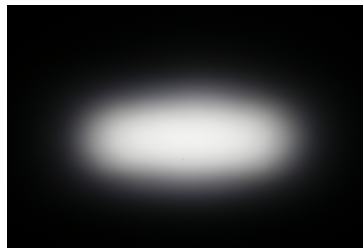
LED H35C1 (LEMWA33)

FWHM 39.0 + 14.0°


Efficiency 86 %

Peak intensity 4.600 cd/lm

Required components:



PHOTOMETRIC DATA (SIMULATED):

	
SEOUL SEMICONDUCTOR	
LED	Z5
FWHM	12.0 + 36.0°
Efficiency	%
Peak intensity	cd/lm
Required components:	

GENERAL INFORMATION:

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

MATERIALS:

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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

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