

LAURA-SS

~11° smooth spot beam optimized for CREE XP-E. Assembly with black holder and installation tape.

SPECIFICATION:

Dimensions	21.6 x 21.6 mm
Height	13.1 mm
Fastening	tape
ROHS compliant	yes ⓘ

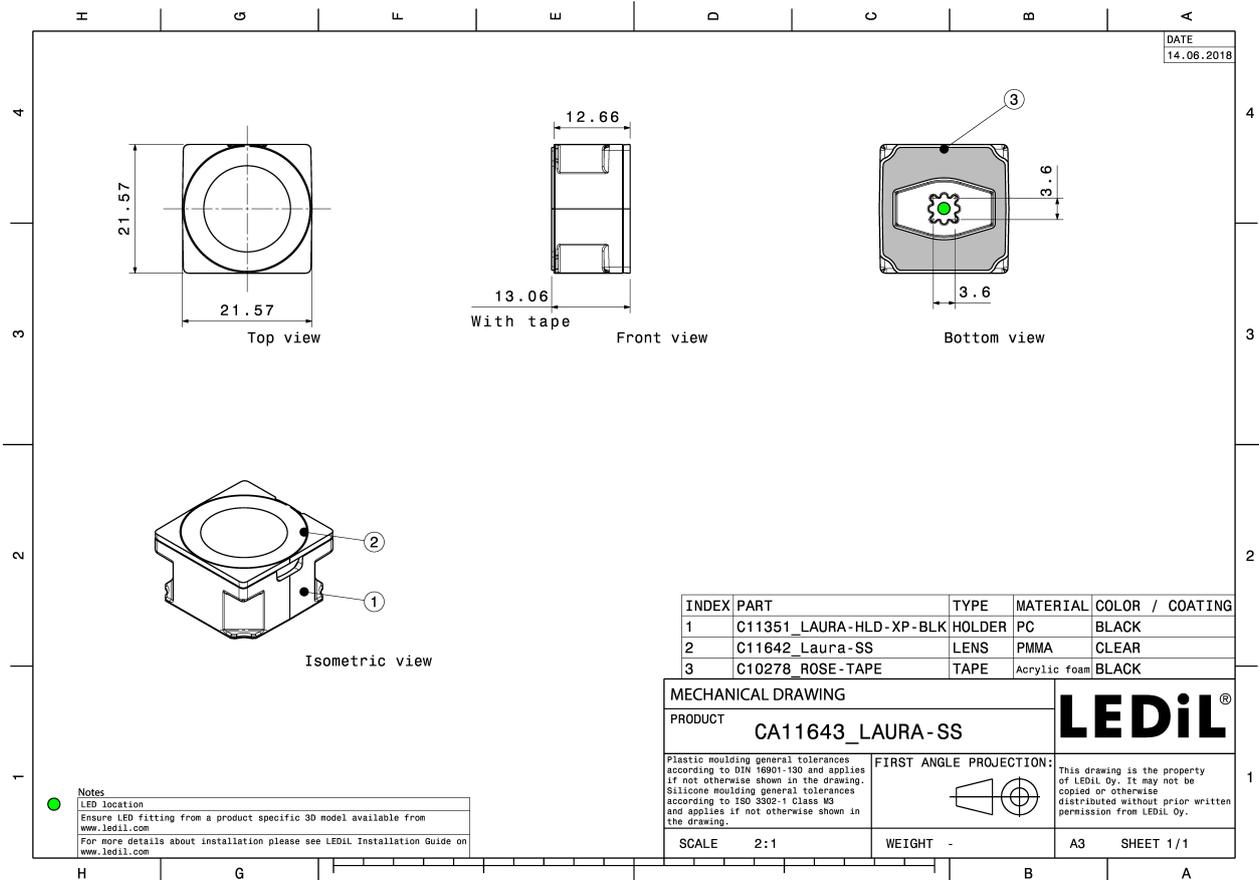


MATERIALS:

Component	Type	Material	Colour	Finish	Length
LAURA-SS	Single lens	PMMA			21.6
LAURA-HLD-XP-BLK	Holder	PC	black		21.6
ROSE-TAPE	Tape	Acrylic foam	black		21.6

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA11643_LAURA-SS » Box size:	1440		180	7.3

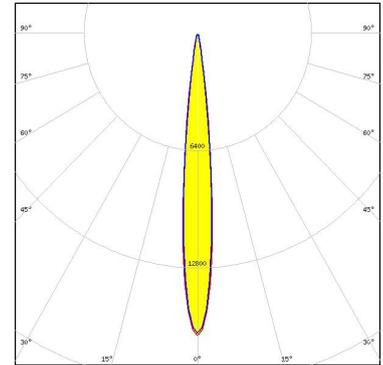


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



LED XP-E
FWHM / FWTM 11.0° / 18.0°
Efficiency 93 %
Peak intensity 16.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



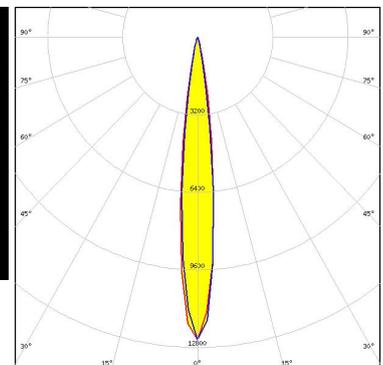
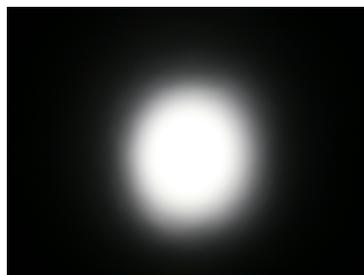
Light distribution files



LED XP-E-HEW
FWHM / FWTM 12.0° / 24.0°
Efficiency 92 %
Peak intensity 11.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED XP-G
FWHM / FWTM 12.0° / 24.0°
Efficiency 93 %
Peak intensity 12.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

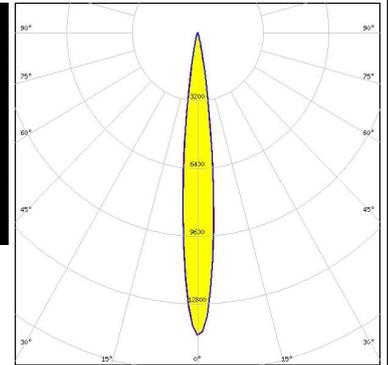


Light distribution files

OPTICAL RESULTS (MEASURED):



LED XP-G2
FWHM / FWTM 12.0° / 22.0°
Efficiency 92 %
Peak intensity 14.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):

	
SEOUL SEMICONDUCTOR	
LED	Z5
FWHM / FWTM	10.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White
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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

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

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