

LAURA-SS

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

TECHNICAL SPECIFICATIONS:

Dimensions	21.6 mm
Height	13.1 mm
Fastening	tape
ROHS compliant	yes 

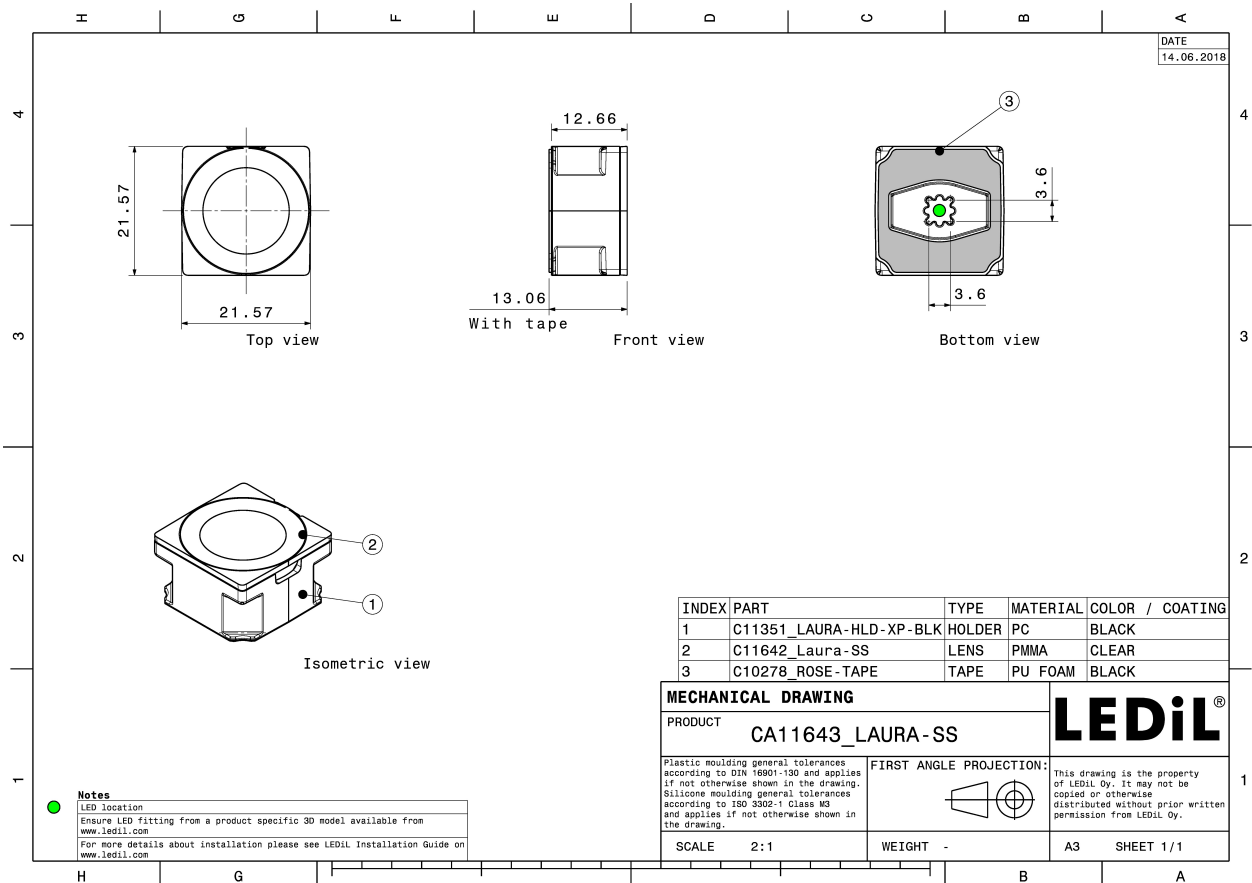
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LAURA-SS	Single lens	PMMA		
LAURA-HLD-XP-BLK	Holder	PC	black	
ROSE-TAPE	Tape	PU tape	black	

ORDERING INFORMATION:

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

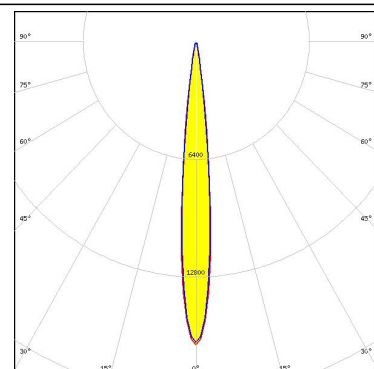




PHOTOMETRIC DATA (MEASURED):

CREE

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

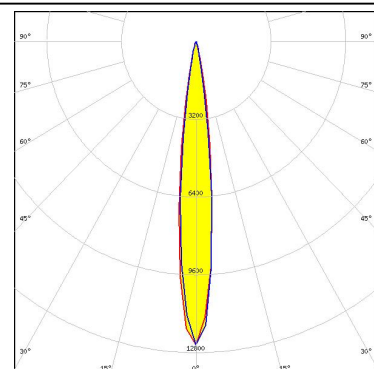


CREE

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

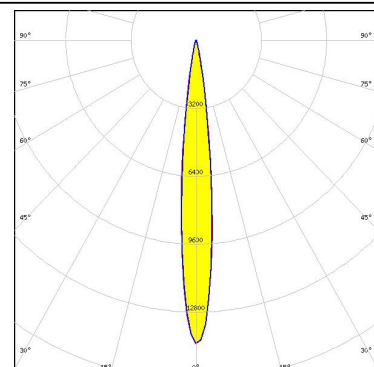
CREE

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



CREE

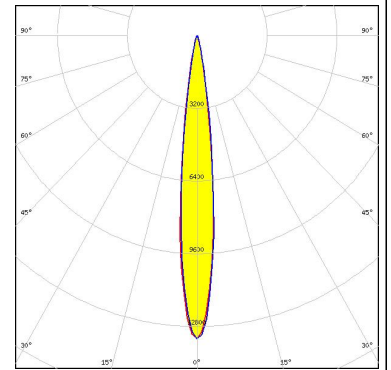
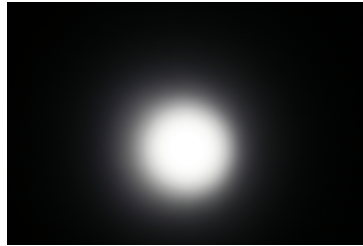
LED XP-G2
FWHM 12.0°
Efficiency 92 %
Peak intensity 14.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):



LED H35C1 (LEMWA33)
FWHM 13.0°
Efficiency 88 %
Peak intensity 13.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

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

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