

## LAURA-SS

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

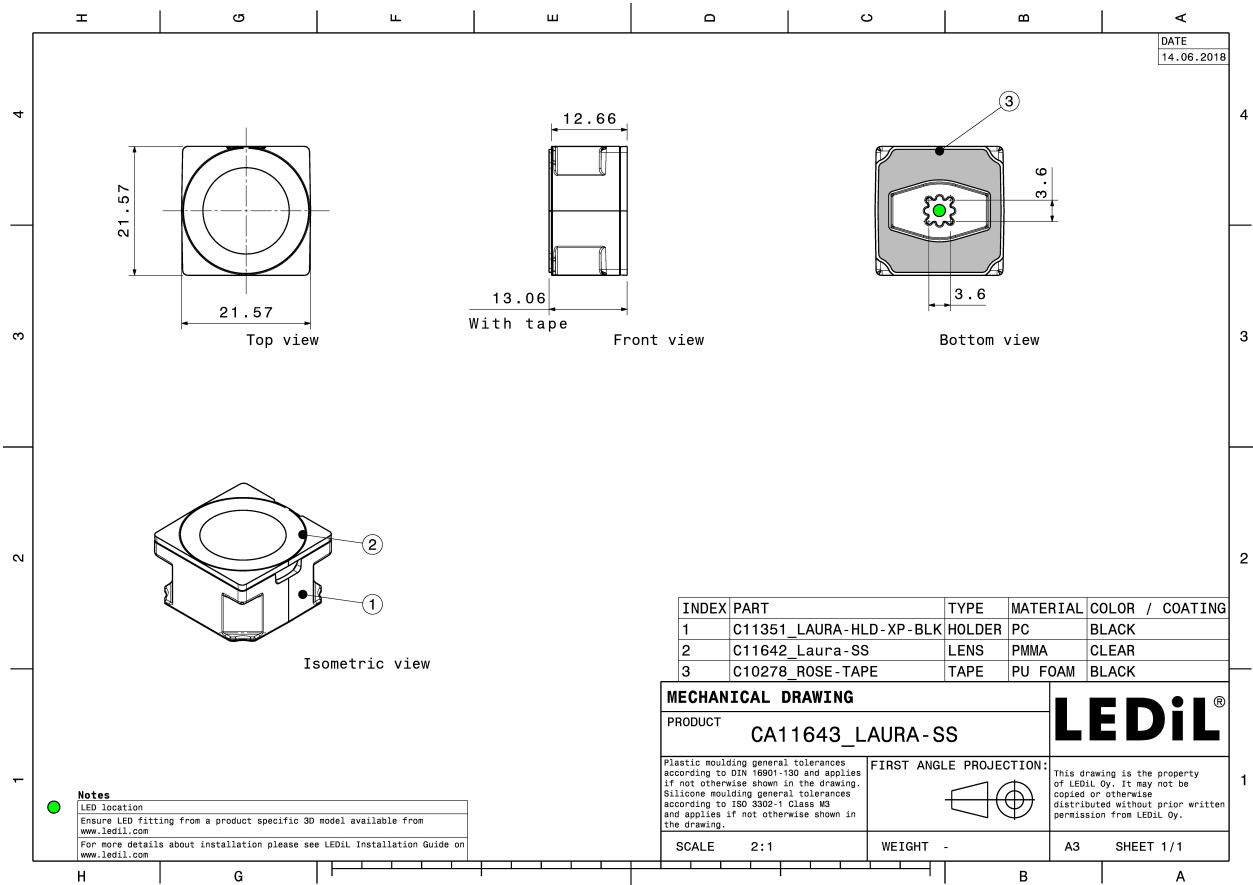
### TECHNICAL SPECIFICATIONS:

Dimensions	21.6 mm
Height	13.1 mm
Fastening	tape
Colour	black
Box size	
Box weight	7.3 kg
Quantity in Box	1440 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

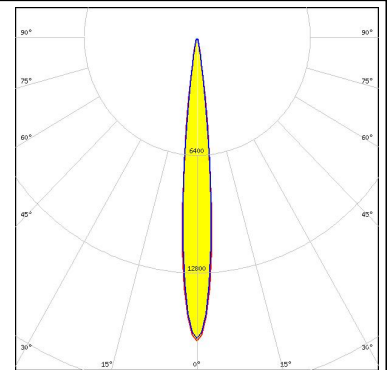
Component	Type	Material	Colour
LAURA-SS	Single lens	PMMA	
LAURA-HLD-XP-BLK	Holder	PC	black
ROSE-TAPE	Tape	PU tape	



#### PHOTOMETRIC DATA (MEASURED):

#### CREE

LED XP-E  
 FWHM 11.0°  
 Efficiency 93 %  
 Peak intensity 16.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

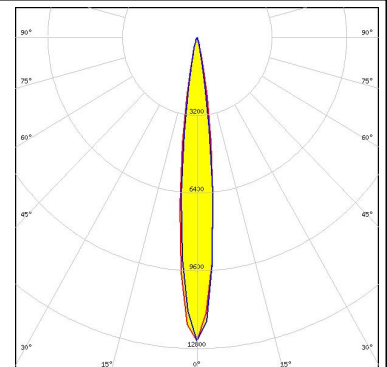
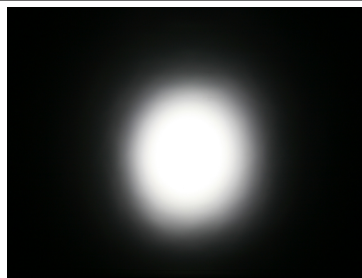


#### CREE

LED XP-E-HEW  
 FWHM 12.0°  
 Efficiency 92 %  
 Peak intensity 11.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

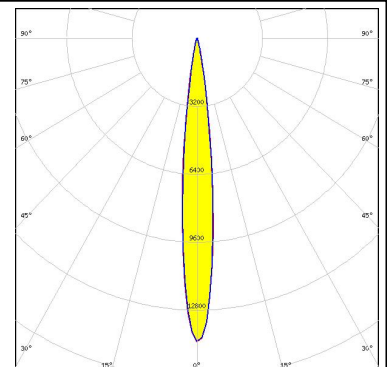
#### CREE

LED XP-G  
 FWHM 12.0°  
 Efficiency 93 %  
 Peak intensity 12.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

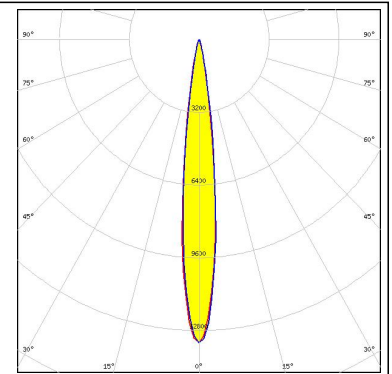
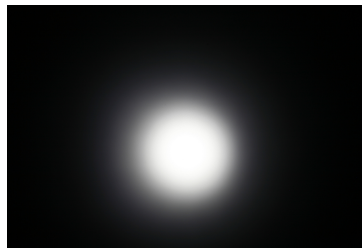
LED XP-G2  
 FWHM 12.0°  
 Efficiency 92 %  
 Peak intensity 14.300 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




## PHOTOMETRIC DATA (MEASURED):

 **LG Innotek**

LED H35C1 (LEMWA33)  
FWHM 13.0°  
Efficiency 88 %  
Peak intensity 13.300 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:



## PHOTOMETRIC DATA (SIMULATED):

	
SEOUL SEMICONDUCTOR	
LED	Z5
FWHM	10.0°
Efficiency	%
Peak intensity	cd/m
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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#### 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

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