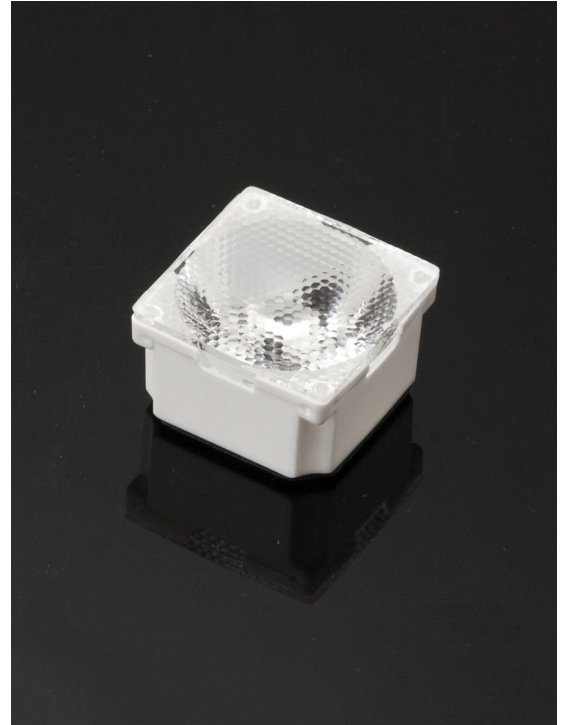


G2-LAURA-SS-P

~11° smooth spot beam. Assembly with thinner white holder, installation tape and location pins.

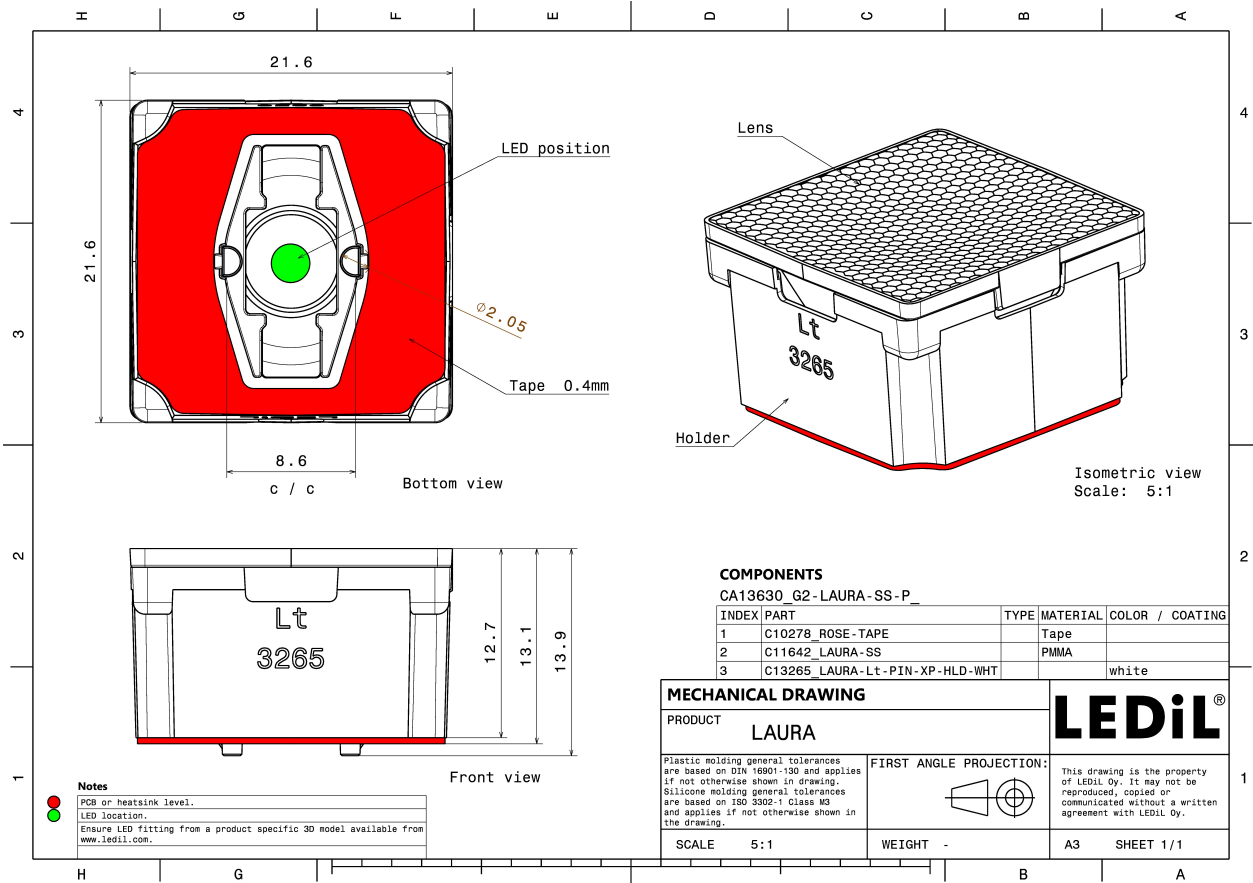
TECHNICAL SPECIFICATIONS:

Dimensions	21.6 mm
Height	13.1 mm
Fastening	tape, pin
Colour	white
Box size	
Box weight	6 kg
Quantity in Box	pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

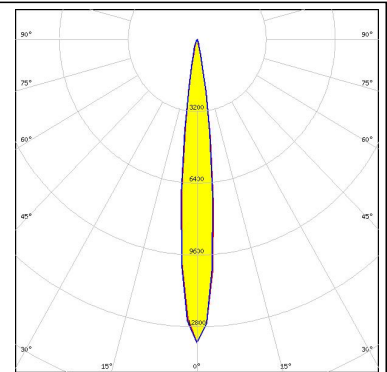
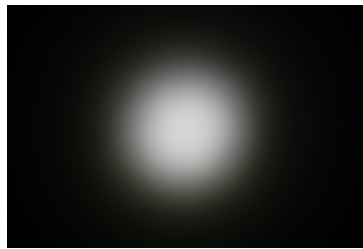
Component	Type	Material	Colour
LAURA-SS	Lens	PMMA	
LAURA-LT-PIN-XP-HLD-WHT	Holder	PC	white
ROSE-TAPE	Tape	PU tape	black



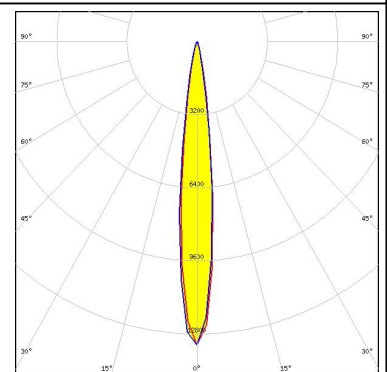
PHOTOMETRIC DATA (MEASURED):



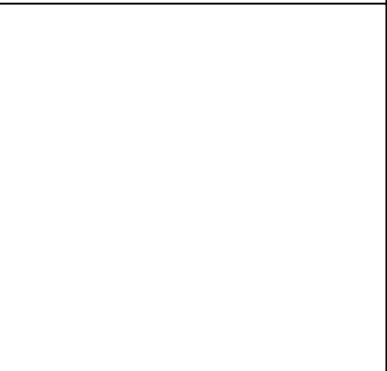
LED XB-D
FWHM 13.0°
Efficiency 88 %
Peak intensity 13.500 cd/lm
Required components:



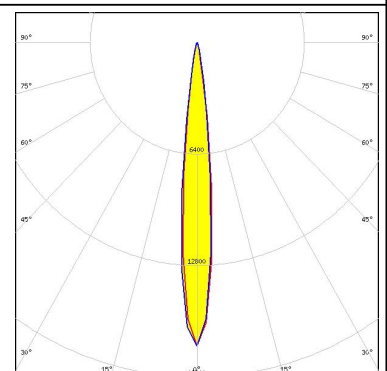
LED XB-H
FWHM 13.0°
Efficiency 90 %
Peak intensity 13.300 cd/lm
Required components:



LED XP-E
FWHM 11.0°
Efficiency 93 %
Peak intensity 16.500 cd/lm
Required components:



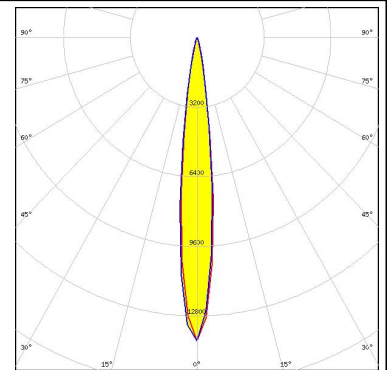
LED XP-E2
FWHM 12.0°
Efficiency 90 %
Peak intensity 17.400 cd/lm
Required components:



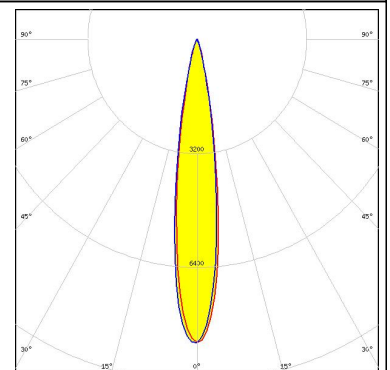
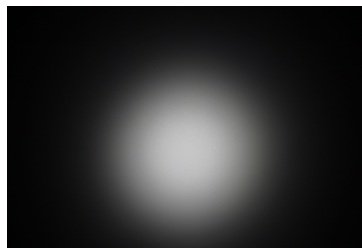
PHOTOMETRIC DATA (MEASURED):



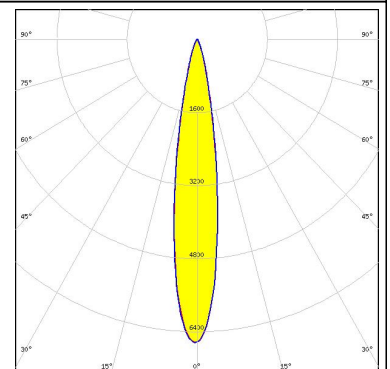
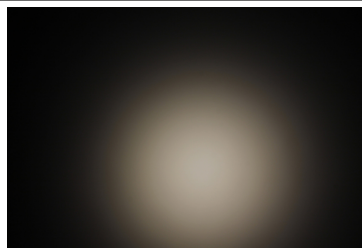
LED XP-G2
FWHM 13.0°
Efficiency 90 %
Peak intensity 14.000 cd/lm
Required components:



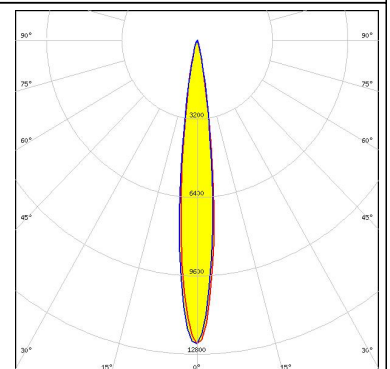
LED XP-L
FWHM 16.0°
Efficiency 89 %
Peak intensity 8.500 cd/lm
Required components:



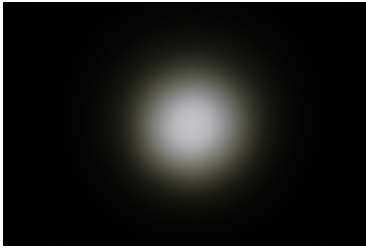
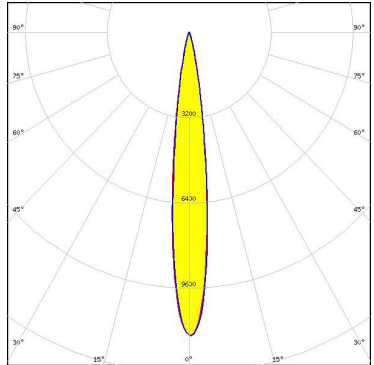
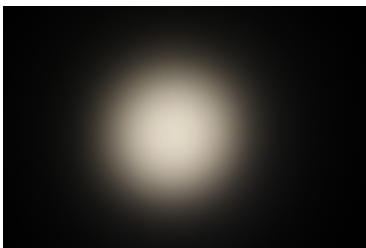
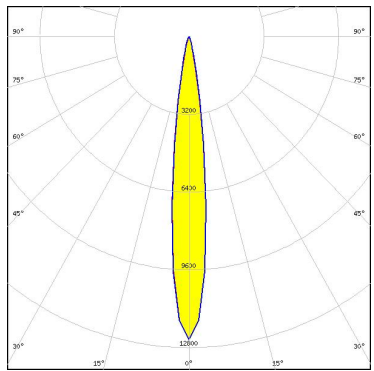

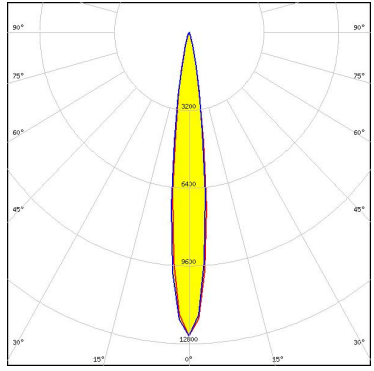

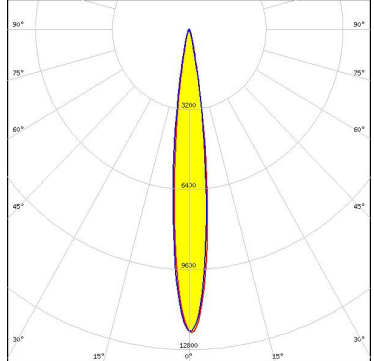
LED XP-L2
FWHM 17.0°
Efficiency 88 %
Peak intensity 6.600 cd/lm
Required components:



LED XT-E
FWHM 13.0°
Efficiency 90 %
Peak intensity 12.400 cd/lm
Required components:



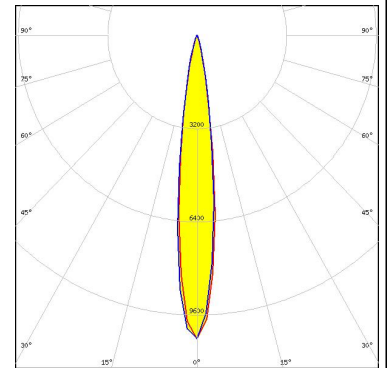
PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON 3030 2D (Round LES)</p> <p>FWHM 13.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 11.400 cd/lm</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON TX</p> <p>FWHM 14.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 12.500 cd/lm</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NCSxx19A</p> <p>FWHM 14.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 12.500 cd/lm</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NVSW219D</p> <p>FWHM 13.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 12.200 cd/lm</p> <p>Required components:</p>		

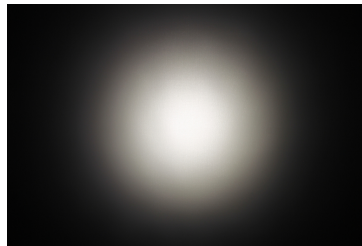
PHOTOMETRIC DATA (MEASURED):



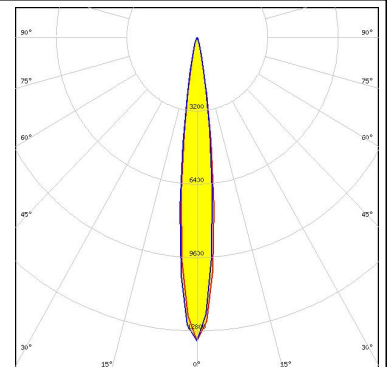
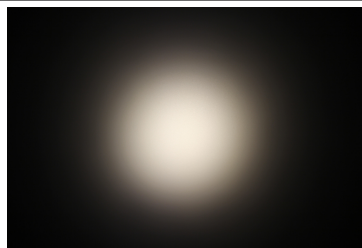
LED NVSxx19A
FWHM 15.0°
Efficiency 88 %
Peak intensity 10.400 cd/lm
Required components:



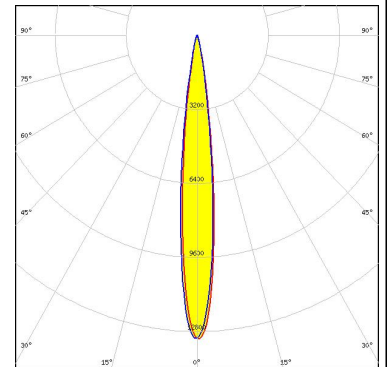
LED NVSxx19B/NVSxx19C
FWHM 14.0°
Efficiency 89 %
Peak intensity 11.400 cd/lm
Required components:



LED Oslon Square EC
FWHM 13.0°
Efficiency 90 %
Peak intensity 13.200 cd/lm
Required components:



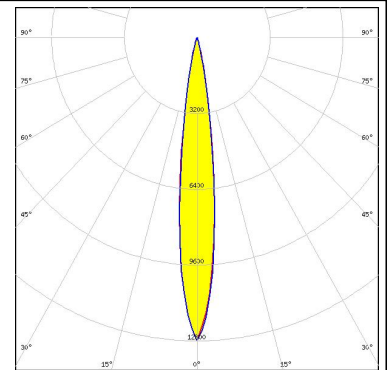
LED Z5M1/Z5M2
FWHM 12.0°
Efficiency 90 %
Peak intensity 13.140 cd/lm
Required components:



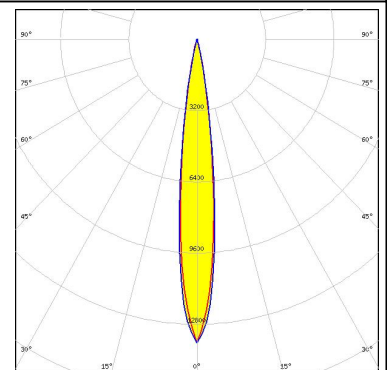
PHOTOMETRIC DATA (SIMULATED):



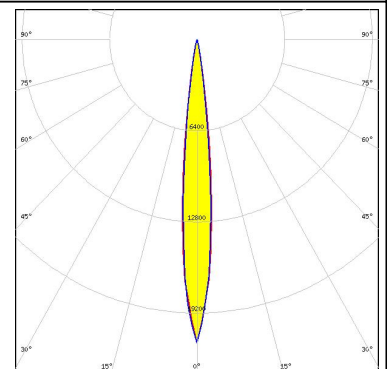
LED XHP35 HI
FWHM 14.0°
Efficiency 94 %
Peak intensity 12.800 cd/lm
Required components:



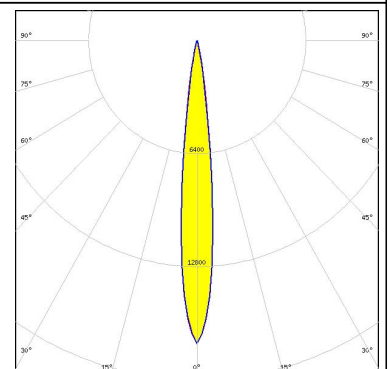
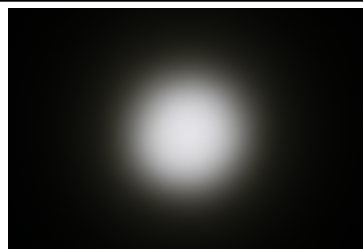
LED Oslon Black
FWHM 13.0°
Efficiency 96 %
Peak intensity 13.800 cd/lm
Required components:



LED Oslon Black Flat
FWHM 11.0°
Efficiency 94 %
Peak intensity 21.300 cd/lm
Required components:



LED Oslon Square Flat
FWHM 12.0°
Efficiency 94 %
Peak intensity 17.170 cd/lm
Required components:



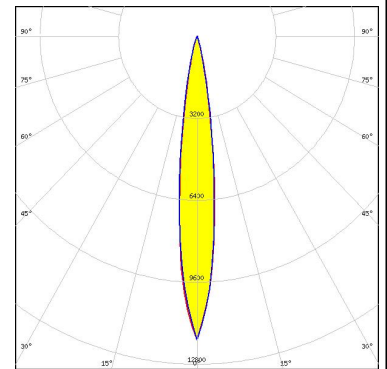
PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED SFH 4770S
FWHM 13.0°
Efficiency 94 %
Peak intensity cd/lm
Required components:

SEKUL
SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM 13.0°
Efficiency 97 %
Peak intensity 11.850 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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