

G2-LAURA-RS-P

~8° spot beam. Assembly with thinner white holder, installation tape and location pins.

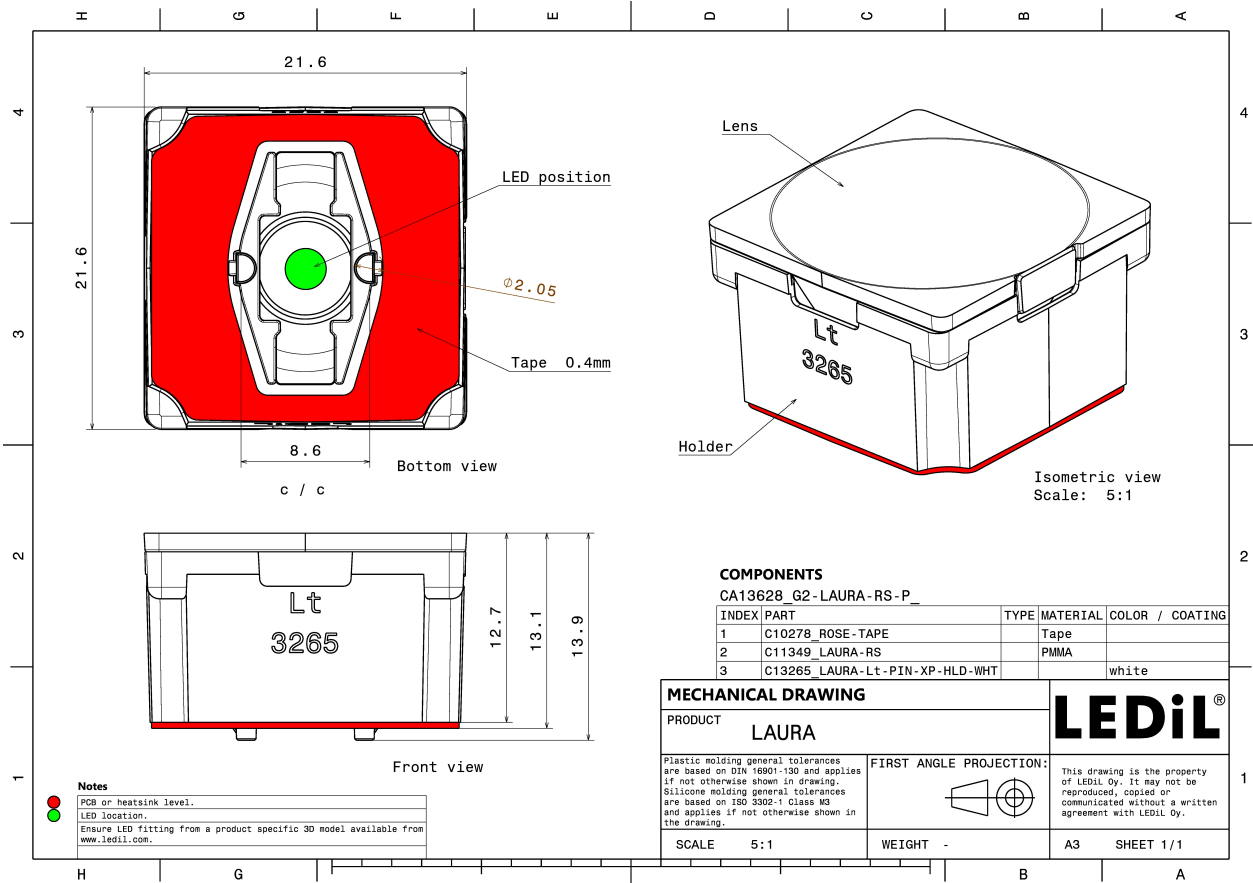
TECHNICAL SPECIFICATIONS:

Dimensions	21.6 mm
Height	13.1 mm
Fastening	tape, pin
Colour	white
Box size	
Box weight	5.9 kg
Quantity in Box	pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

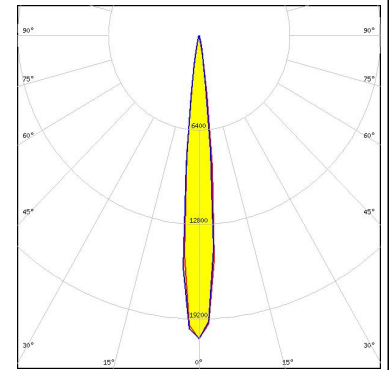
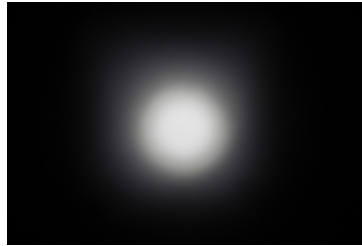
Component	Type	Material	Colour
LAURA-RS	Lens	PMMA	clear
LAURA-LT-PIN-XP-HLD-WHT	Holder	PC	white
ROSE-TAPE	Tape	PU tape	black



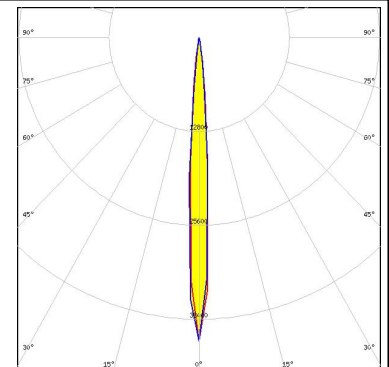
PHOTOMETRIC DATA (MEASURED):



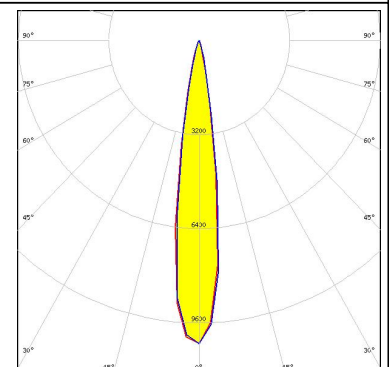
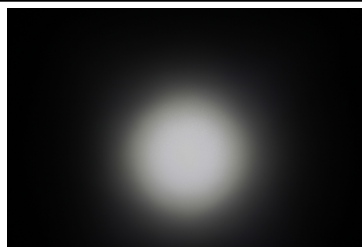
LED XB-H
FWHM 11.0°
Efficiency 91 %
Peak intensity 20.500 cd/Im
Required components:



LED XP-E
FWHM 8.0°
Efficiency 93 %
Peak intensity 33.200 cd/Im
Required components:



LED XP-E2
FWHM 8.0°
Efficiency 91 %
Peak intensity 41.400 cd/Im
Required components:

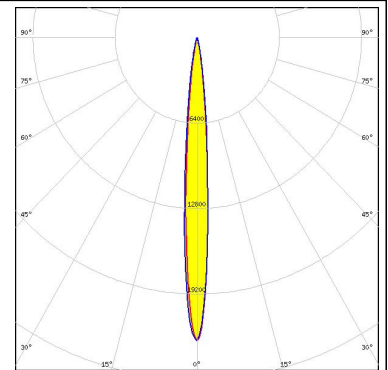
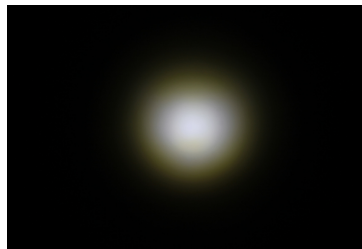


LED XP-L
FWHM 16.0°
Efficiency 90 %
Peak intensity 10.320 cd/Im
Required components:

PHOTOMETRIC DATA (MEASURED):

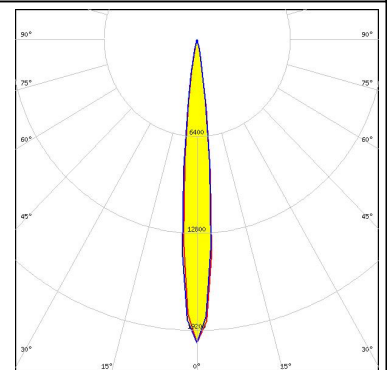
LUMILEDS

LED LUXEON 3030 2D (Round LES)
 FWHM 9.0°
 Efficiency 92 %
 Peak intensity 22.700 cd/lm
 Required components:



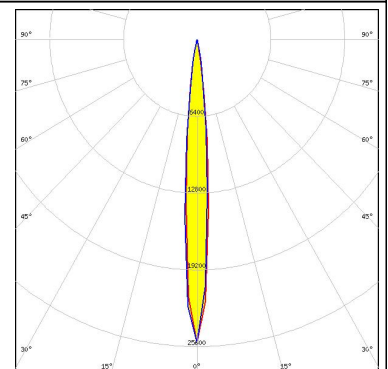
LUMILEDS

LED LUXEON TX
 FWHM 11.0°
 Efficiency 90 %
 Peak intensity 20.000 cd/lm
 Required components:



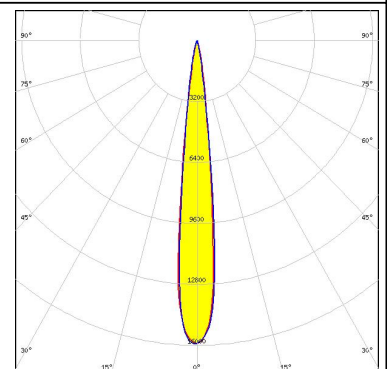
NICHIA

LED NCSxx19A
 FWHM 10.0°
 Efficiency 90 %
 Peak intensity 25.300 cd/lm
 Required components:



NICHIA

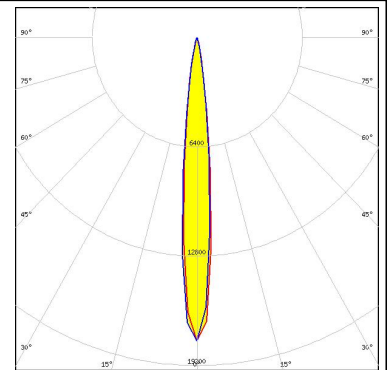
LED NVSW219D
 FWHM 12.0°
 Efficiency 94 %
 Peak intensity 15.900 cd/lm
 Required components:



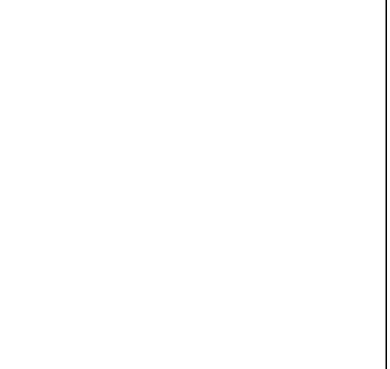
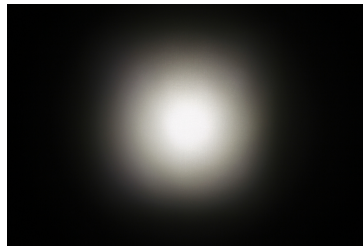
PHOTOMETRIC DATA (MEASURED):



LED NVSxx19A
FWHM 12.0°
Efficiency 90 %
Peak intensity 17.800 cd/lm
Required components:

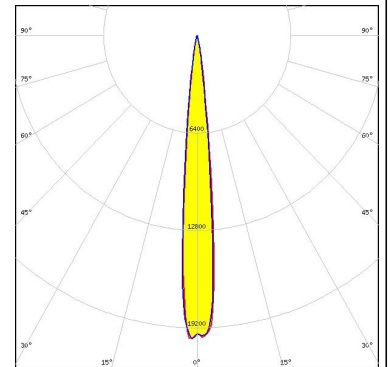


LED NVSxx19B/NVSxx19C
FWHM 12.0°
Efficiency 90 %
Peak intensity 16.300 cd/lm
Required components:



SEOUL SEMICONDUCTOR

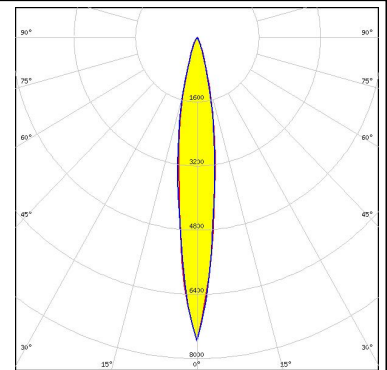
LED Z5M1/Z5M2
FWHM 11.0°
Efficiency 91 %
Peak intensity 20.000 cd/lm
Required components:



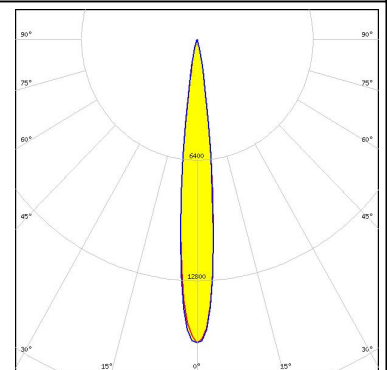
PHOTOMETRIC DATA (SIMULATED):



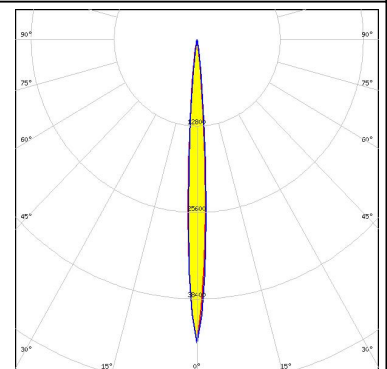
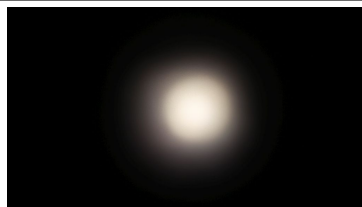
LED XHP35 HD
FWHM 14.0°
Efficiency 94 %
Peak intensity 7.560 cd/lm
Required components:



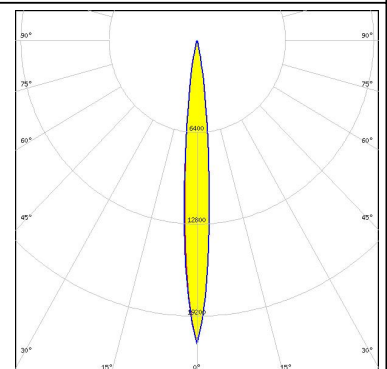
LED XHP35 HI
FWHM 12.0°
Efficiency 94 %
Peak intensity 16.100 cd/lm
Required components:



LED XQ-E
FWHM 6.9°
Efficiency 94 %
Peak intensity 44.900 cd/lm
Required components:



LED NVSxE21A
FWHM 10.0°
Efficiency 94 %
Peak intensity 21.140 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED Oslon Black FWHM 9.5° Efficiency 97 % Peak intensity 23.000 cd/lm Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED Oslon Black Flat FWHM 6.8° Efficiency 94 % Peak intensity 48.300 cd/lm Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED SFH 4770S FWHM 10.0° Efficiency 94 % Peak intensity cd/lm Required components:</p>	
<p>SAMSUNG</p> <p>LED LH351Z FWHM 10.0° Efficiency 93 % Peak intensity 25.000 cd/lm Required components:</p>	

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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