

LAURA-D-PIN

~15° diffused spot beam optimized for CREE XP-E. Assembly with white holder, installation tape and location pins.

TECHNICAL SPECIFICATIONS:

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

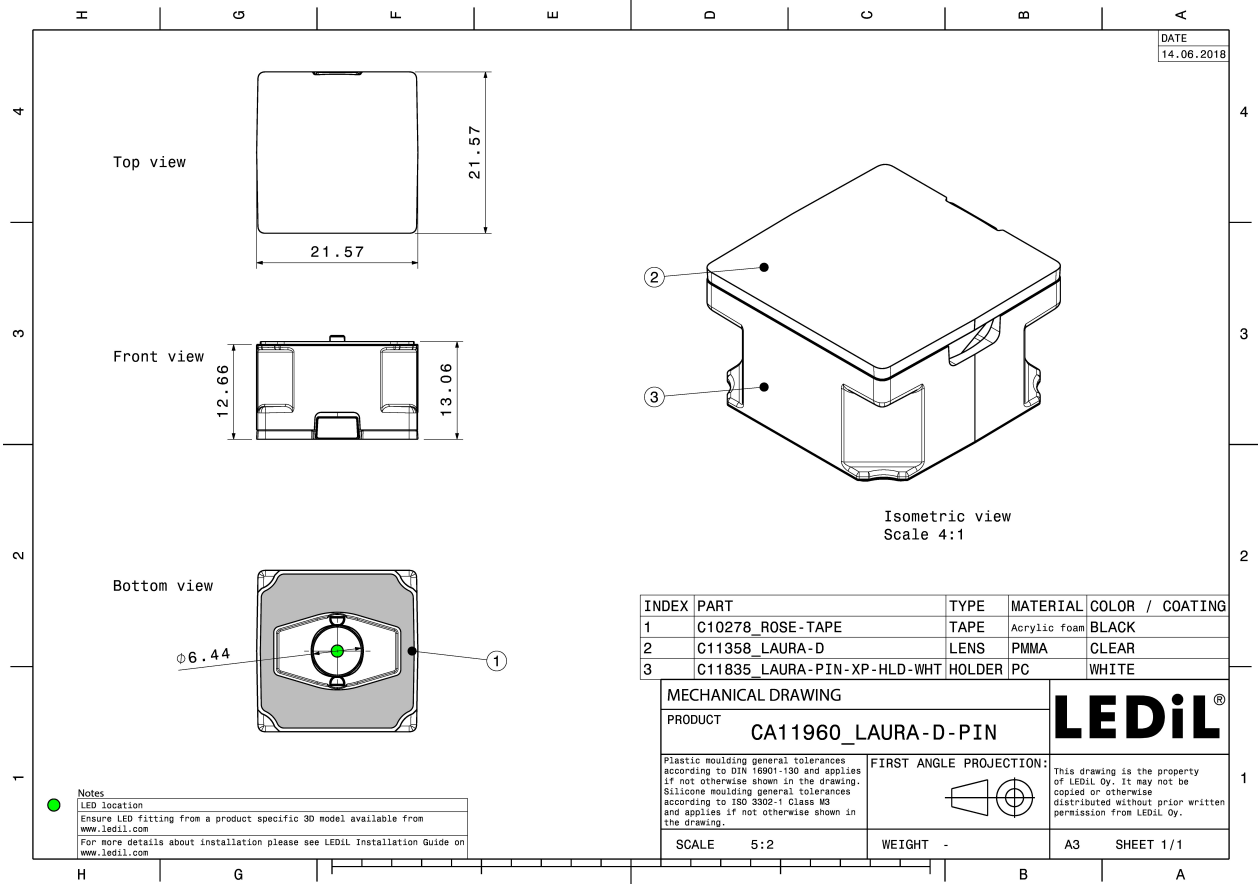


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LAURA-D	Single lens	PMMA	clear	
LAURA-PIN-XP-HLD-WHT	Holder	PC	white	
ROSE-TAPE	Tape	PU tape	black	

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA11960_LAURA-D-PIN	Single lens	1440		180	7.5
» Box size:					



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

PHOTOMETRIC DATA (MEASURED):

CREE

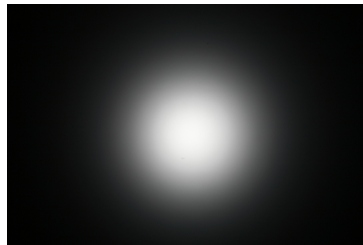
LED XP-E
FWHM / FWTM 13.0° / 31.0°
Efficiency 93 %
Peak intensity 9.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE

LED XP-E-HEW
FWHM / FWTM 15.0° / 33.0°
Efficiency 86 %
Peak intensity 6.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE

LED XP-E2
FWHM / FWTM 15.0° / 36.0°
Efficiency 88 %
Peak intensity 6.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE

LED XP-G
FWHM / FWTM 16.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:

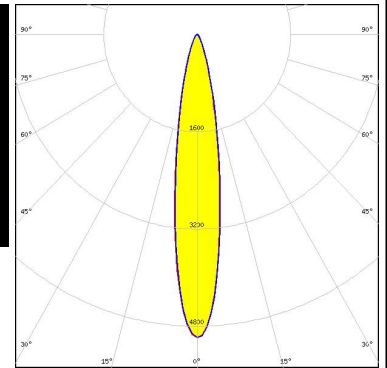
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON Rebel
 FWHM / FWTM 15.0° / 37.0°
 Efficiency 90 %
 Peak intensity 5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

LUMILEDS

LED LUXEON T
 FWHM / FWTM 18.0° / 40.0°
 Efficiency 89 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



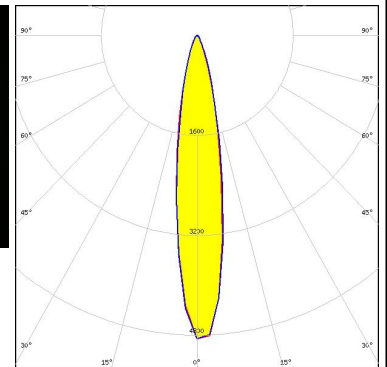
LUMILEDS

LED LUXEON Z ES
 FWHM / FWTM 15.0° / 34.0°
 Efficiency 90 %
 Peak intensity 7.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


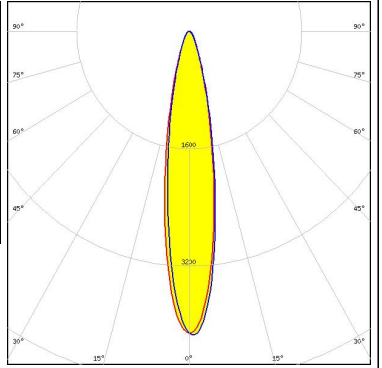


NICHIA

LED NCSxx19B
 FWHM / FWTM 19.0° / 41.0°
 Efficiency 85 %
 Peak intensity 5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NF2x757D FWHM / FWTM 19.0° / 43.0° Efficiency 84 % Peak intensity 4.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOM Square EC FWHM / FWTM 16.0° / 34.0° Efficiency 81 % Peak intensity 6.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOM SSL 150 FWHM / FWTM 12.0° / 28.0° Efficiency 83 % Peak intensity 8.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOM SSL 80 FWHM / FWTM 14.0° / 31.0° Efficiency 83 % Peak intensity 7.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED SFH 4725S
FWHM / FWTM 18.0° / 42.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



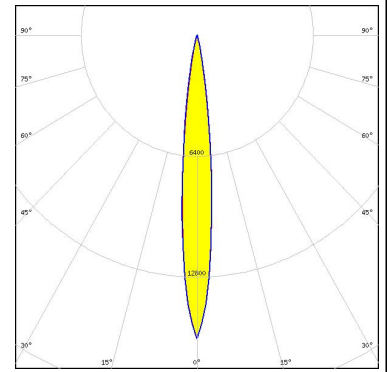
SEOUL SEMICONDUCTOR

LED Z5
FWHM / FWTM 14.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

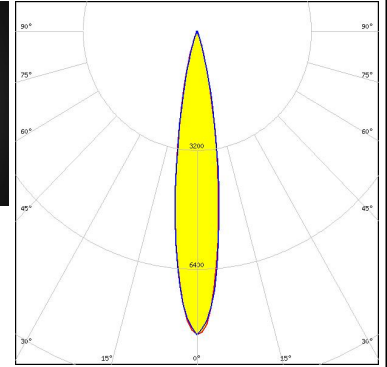
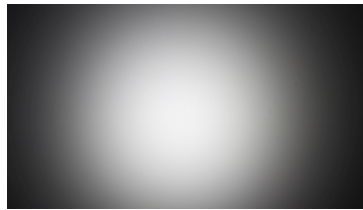
PHOTOMETRIC DATA (SIMULATED):



LED XD16
 FWHM / FWTM 12.0° / 22.0 + 23.0°
 Efficiency 90 %
 Peak intensity 16.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G3
 FWHM / FWTM 17.0° / 32.0°
 Efficiency 93 %
 Peak intensity 8.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON H50-2
 FWHM / FWTM 13.0° / 28.0°
 Efficiency 90 %
 Peak intensity 9.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON IR Domed 150
 FWHM / FWTM 9.0° / 18.0°
 Efficiency 0 %
 LEDs/each optic 1
 Light colour White
 Required components:

PHOTOMETRIC DATA (SIMULATED):



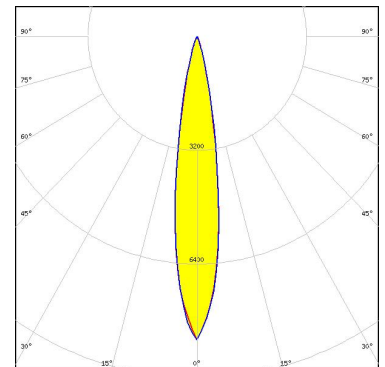
LED LUXEON IR Domed 60
 FWHM / FWTM 12.0° / 25.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour White
 Required components:



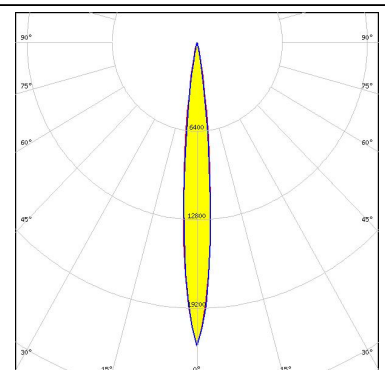
LED LUXEON IR Domed 90
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour White
 Required components:



LED NV4WB35AM
 FWHM / FWTM 16.0° / 32.0°
 Efficiency 96 %
 Peak intensity 8.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED KW CULPM1.TG
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 96 %
 Peak intensity 21.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

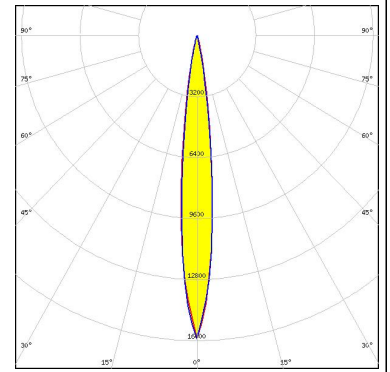


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM 12.0° / 24.0°
Efficiency 96 %
Peak intensity 15.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

LED SFH 4715S
FWHM / FWTM 13.0°
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:

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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