

LAURA-RS

~8° spot beam optimized for CREE XP-E.
Assembly with black holder and installation
tape.

SPECIFICATION:

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

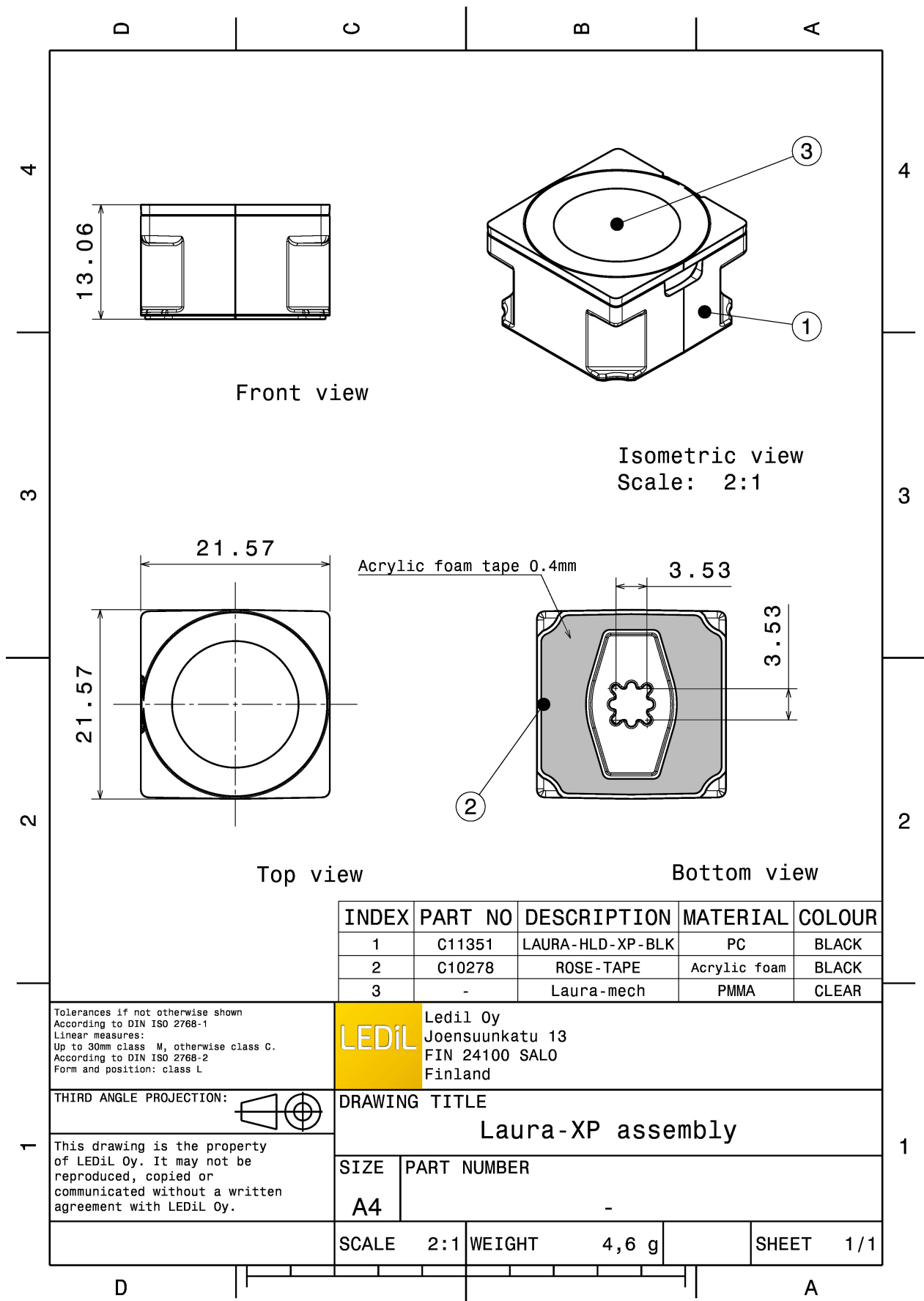


MATERIALS:

Component	Type	Material	Colour	Finish
LAURA-RS	Single lens	PMMA	clear	
LAURA-HLD-XP-BLK	Holder	PC	black	
ROSE-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11353_LAURA-RS	Single lens	1440	360	180	7.4
» Box size: 451 x 254 x 152 mm					

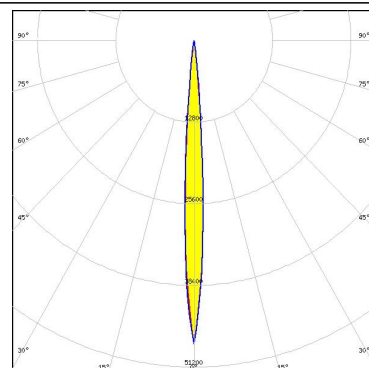


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



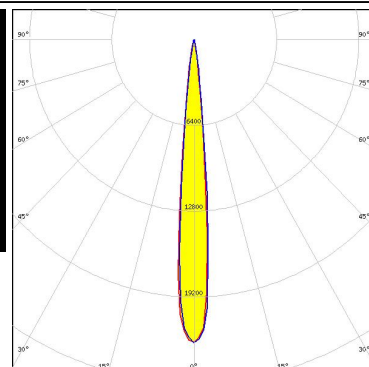
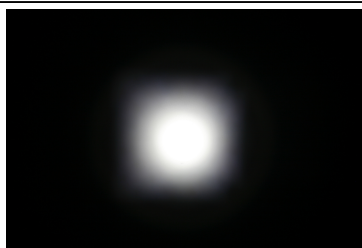
LED XP-E
FWHM / FWTM 8.0° / 14.0°
Efficiency 93 %
Peak intensity 41.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G
FWHM / FWTM 10.0° / 19.0°
Efficiency 93 %
Peak intensity 18.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



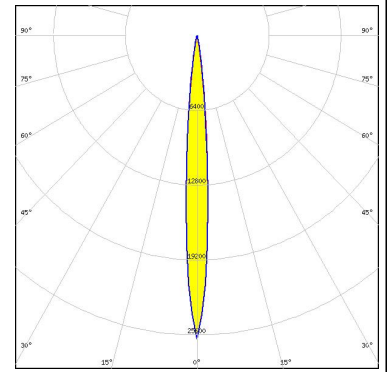
LED XP-G2
FWHM / FWTM 10.0° / 18.0°
Efficiency 93 %
Peak intensity 22.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



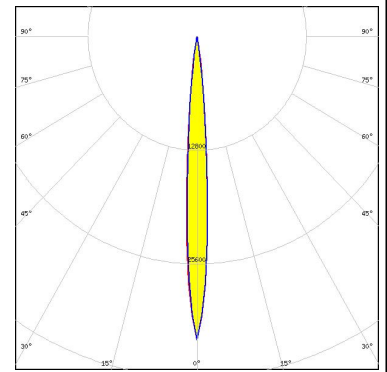
OPTICAL RESULTS (SIMULATED):



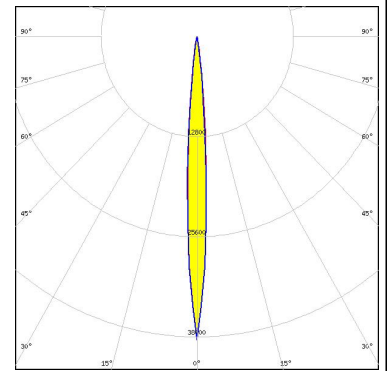
LED XD16
FWHM / FWTM 8.0° / 18.0°
Efficiency 90 %
Peak intensity 25.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



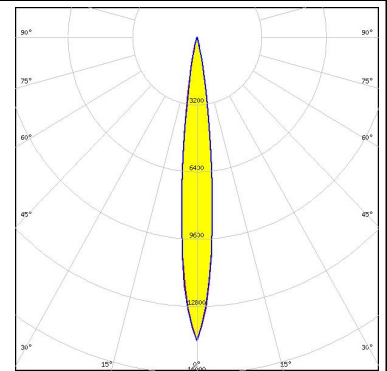
LED XE-G
FWHM / FWTM 8.0° / 16.0°
Efficiency 92 %
Peak intensity 34.2 cd/lm
LEDs/each optic 1
Light colour Red
Required components:



LED XP-E2
FWHM / FWTM 8.0° / 16.0°
Efficiency 92 %
Peak intensity 38.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



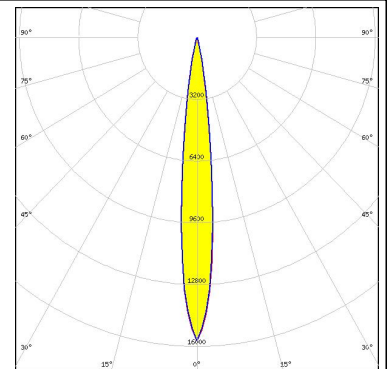
LED XP-G3
FWHM / FWTM 12.0° / 24.0°
Efficiency 84 %
Peak intensity 14.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



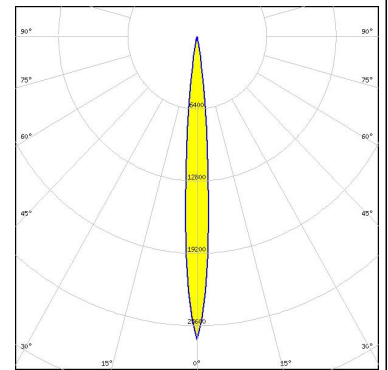
OPTICAL RESULTS (SIMULATED):



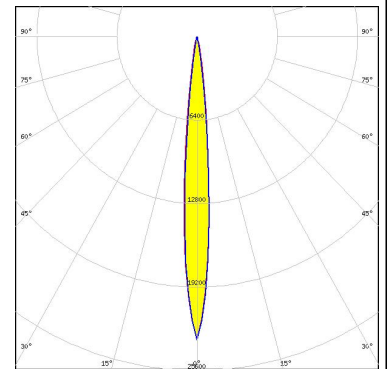
LED LUXEON HL2X
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 92 %
 Peak intensity 15.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



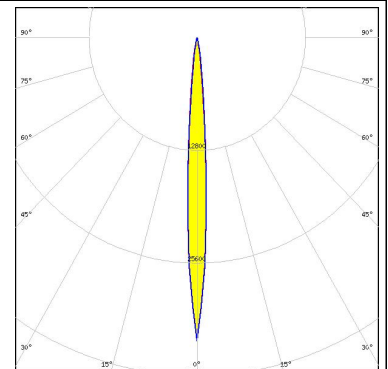
LED SST-20
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 93 %
 Peak intensity 26.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSRAM Opto Semiconductors
 OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 93 %
 Peak intensity 23.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



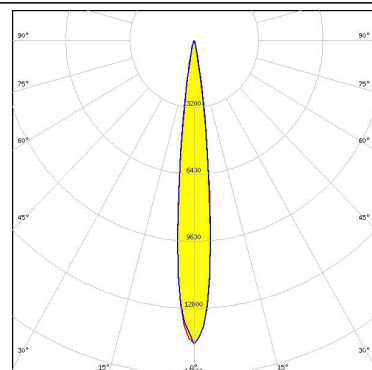
LED OSRAM Opto Semiconductors
 OSLON SSL 80
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 92 %
 Peak intensity 34.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LH351C
FWHM / FWTM 12.0° / 22.0°
Efficiency 82 %
Peak intensity 14.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



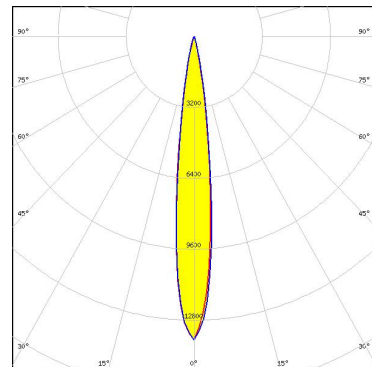
SEOUL SEMICONDUCTOR

LED Z5
FWHM / FWTM 8.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z5M4
FWHM / FWTM 13.0° / 25.0°
Efficiency 93 %
Peak intensity 13.7 cd/lm
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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