

LXP3-RS

~9.6° spot beam optimized for CREE XP-E. 14.7 mm high assembly.

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	glue
ROHS compliant	yes ⓘ

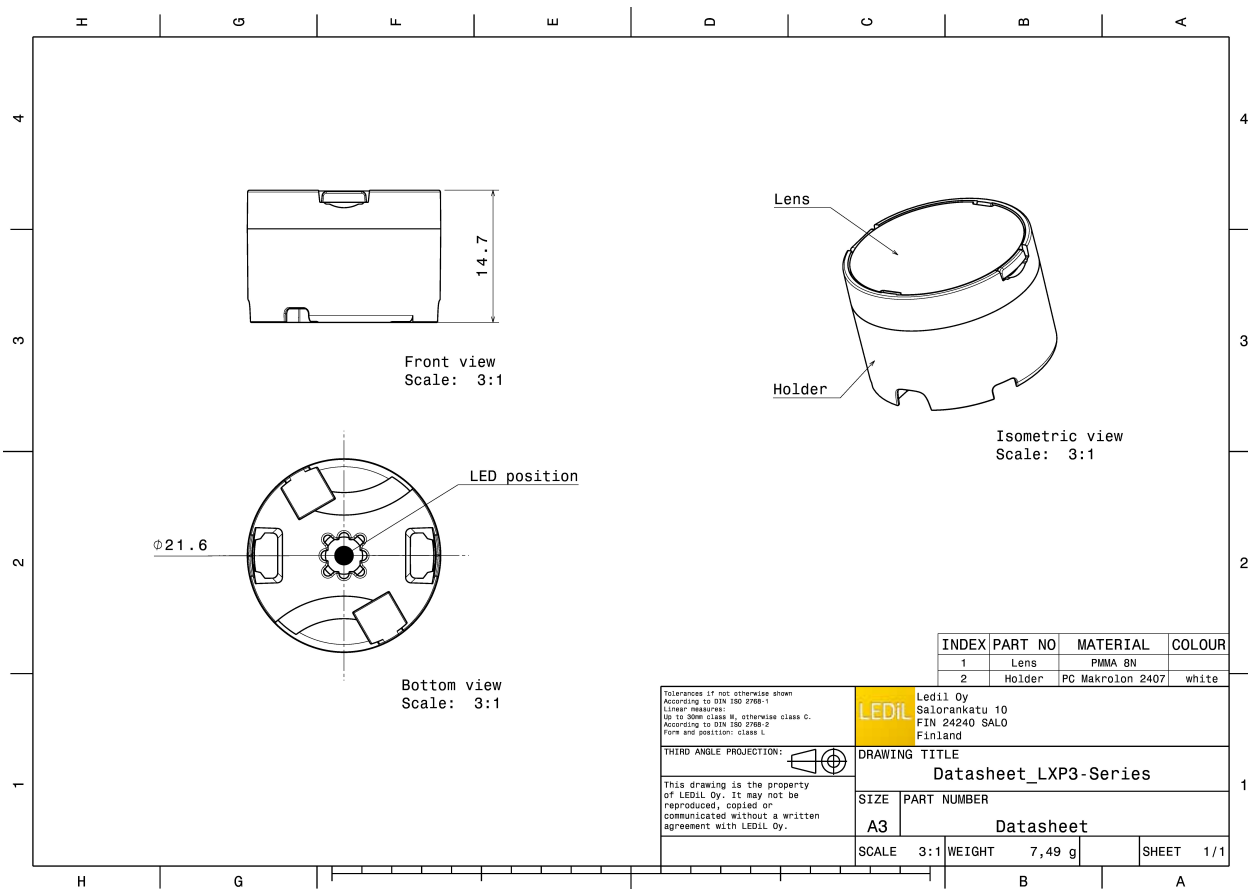


MATERIALS:

Component	Type	Material	Colour	Finish
LXP2-RS	Single lens	PMMA	clear	
LXP3-LH1-WHT	Holder	PC	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP11631_LXP3-RS	Single lens	1680	0	112	0.0
» Box size: 480 x 280 x 300 mm					

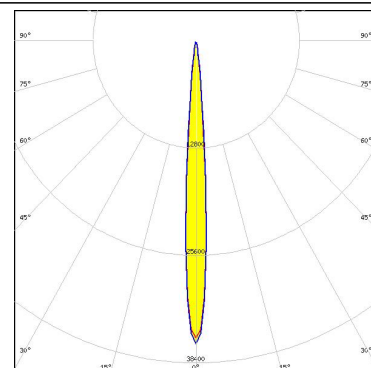


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



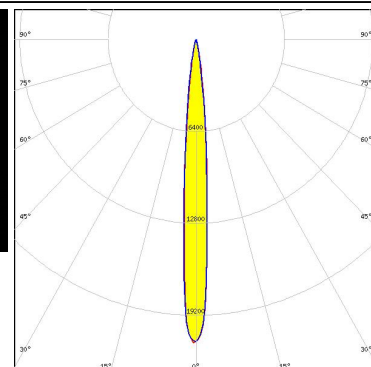
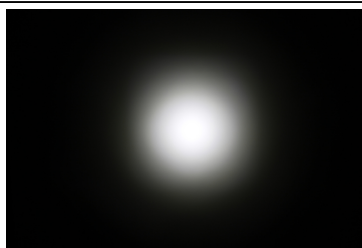
LED XP-E
FWHM / FWTM 7.0°
Efficiency 94 %
Peak intensity 36 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G
FWHM / FWTM 10.0°
Efficiency 92 %
Peak intensity 16.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



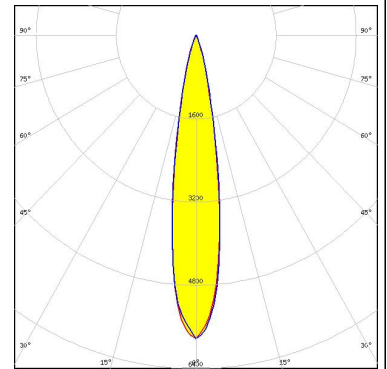
LED XP-L HI
FWHM / FWTM 9.0° / 20.0°
Efficiency 93 %
Peak intensity 21 cd/lm
LEDs/each optic 1
Light colour White
Required components:



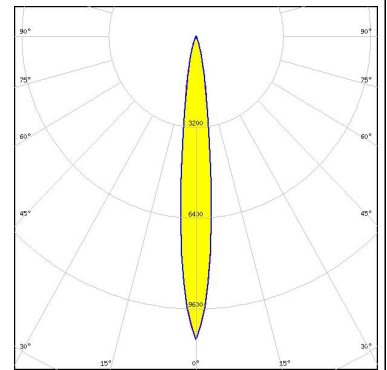
OPTICAL RESULTS (SIMULATED):



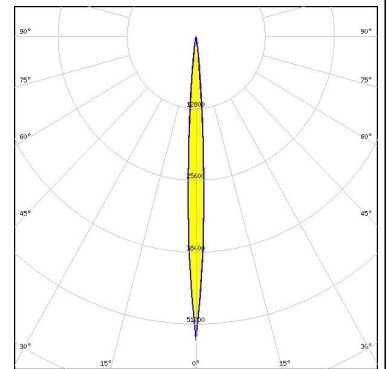
LED XHP35.2 HD
FWHM / FWTM 18.0° / 34.0°
Efficiency 78 %
Peak intensity 5.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



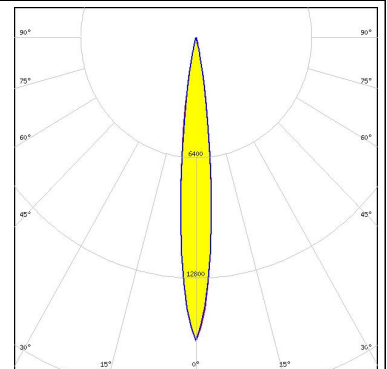
LED XHP35.2 HI
FWHM / FWTM 12.0° / 28.0°
Efficiency 86 %
Peak intensity 10.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON CZ
FWHM / FWTM 6.0° / 14.0°
Efficiency 95 %
Peak intensity 54 cd/lm
LEDs/each optic 1
Light colour Red
Required components:



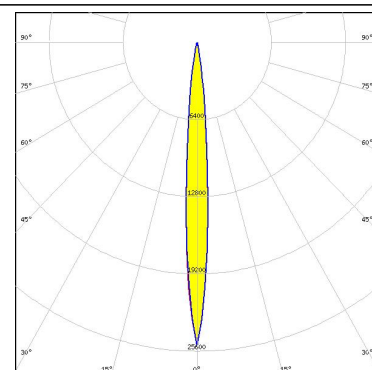
LED LUXEON HL2X
FWHM / FWTM 12.0° / 24.0°
Efficiency 93 %
Peak intensity 16.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):



LED SST-20
FWHM / FWTM 8.0° / 18.0°
Efficiency 95 %
Peak intensity 25.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z5
FWHM / FWTM 10.0°
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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