

LXP3-RS2

~8.5° 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 ⓘ

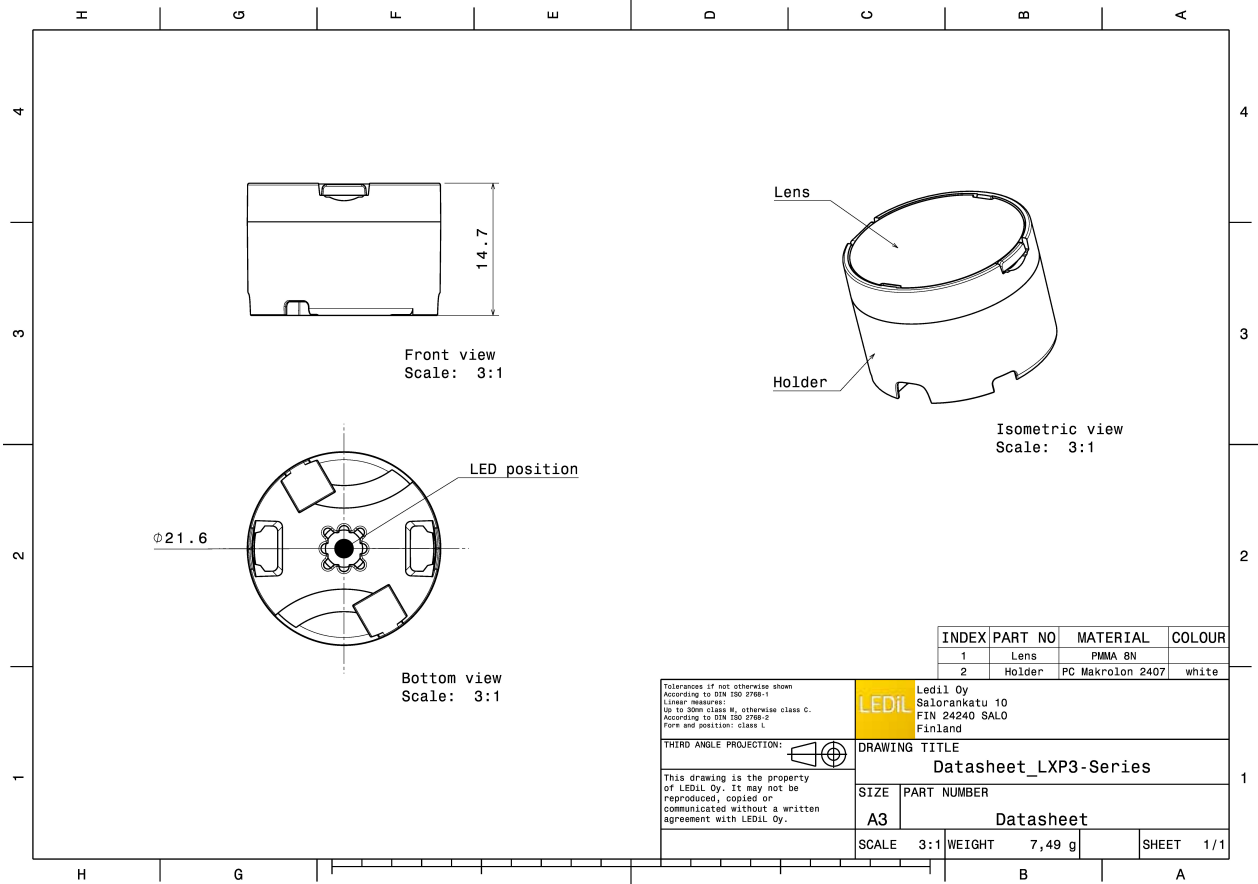


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LXP2-RS2	Single lens	PMMA			
LXP3-LH1-WHT	Holder	PC	white		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP12817_LXP3-RS2	Single lens	1680	336	112	8.9
» Box size: 480 x 280 x 300 mm					

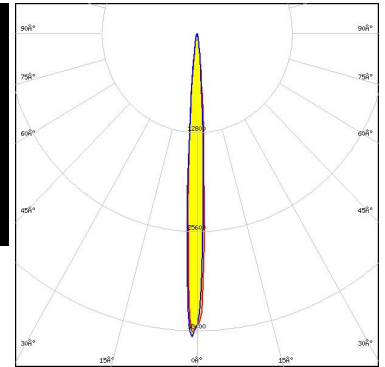
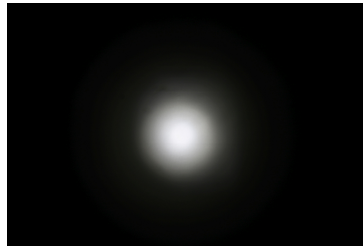


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



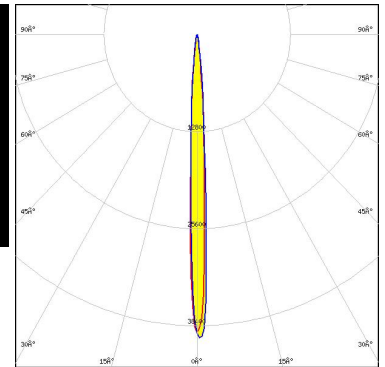
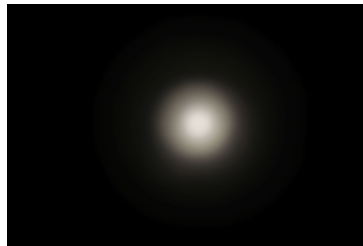
LED XP-E
 FWHM / FWTM 6.0° / 14.0°
 Efficiency 94 %
 Peak intensity 39.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



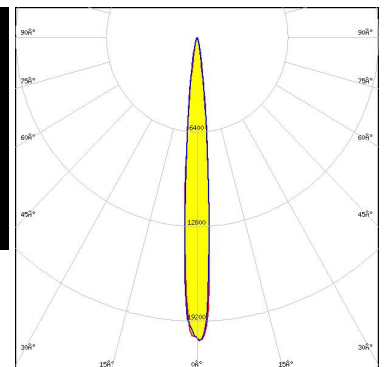
LED XP-E2
 FWHM / FWTM 6.0° / 14.0°
 Efficiency 94 %
 Peak intensity 40 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-G2
 FWHM / FWTM 9.0° / 19.0°
 Efficiency 94 %
 Peak intensity 21 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

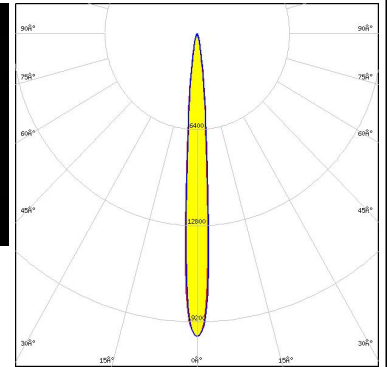


Light distribution files

OPTICAL RESULTS (MEASURED):



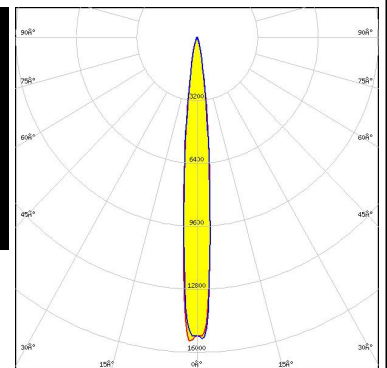
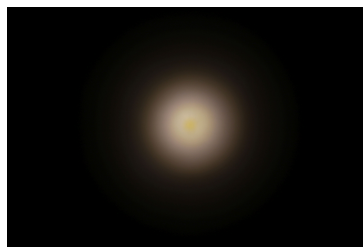
LED XP-L HI
 FWHM / FWTM 8.0° / 19.0°
 Efficiency 93 %
 Peak intensity 20 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



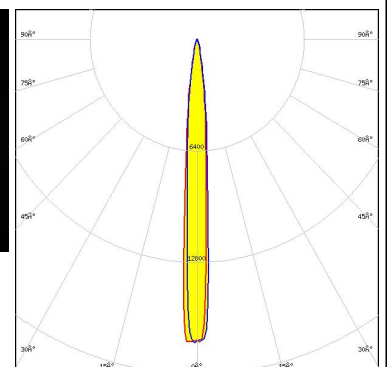
LED XT-E
 FWHM / FWTM 10.0° / 22.0°
 Efficiency 94 %
 Peak intensity 15.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED TL1L4
 FWHM / FWTM 8.0° / 21.0°
 Efficiency 94 %
 Peak intensity 18 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

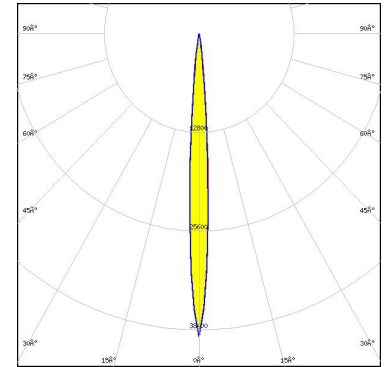


Light distribution files

OPTICAL RESULTS (SIMULATED):



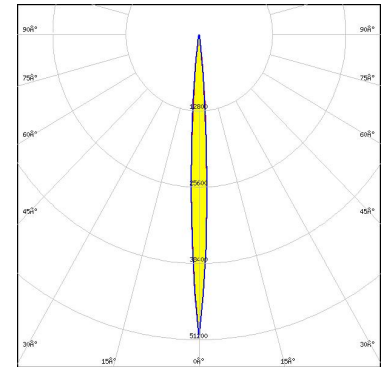
LED XP-E2
FWHM / FWTM 7.2° / 15.0°
Efficiency 94 %
Peak intensity 39.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



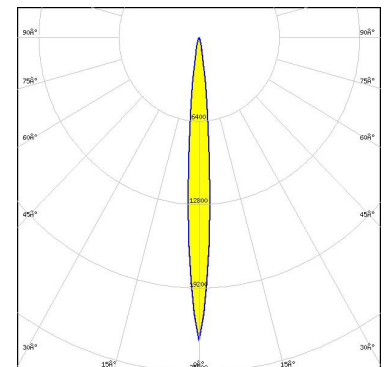
LED LUXEON CZ
FWHM / FWTM 6.0° / 14.0°
Efficiency 95 %
Peak intensity 50.9 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:



Light distribution files



LED SST-20
FWHM / FWTM 8.0° / 20.0°
Efficiency 95 %
Peak intensity 23.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

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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