

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 ⓘ

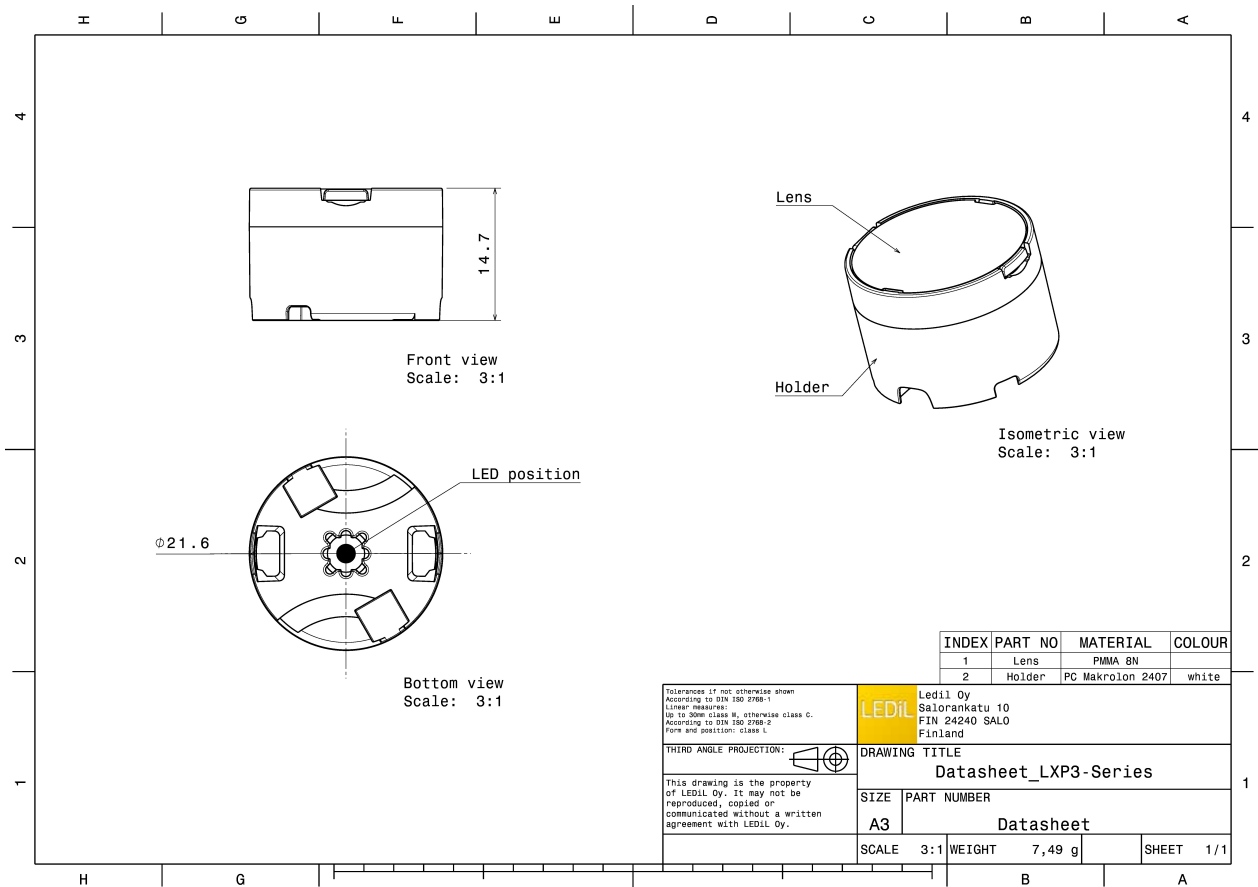


MATERIALS:

Component	Type	Material	Colour	Finish
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					

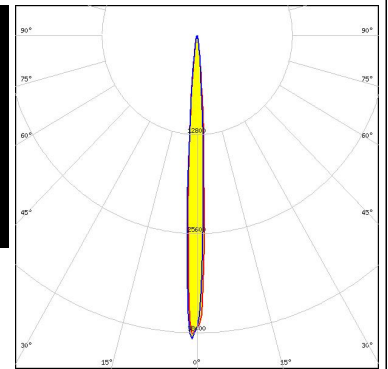
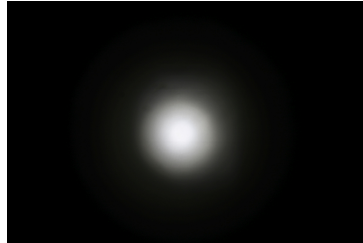


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

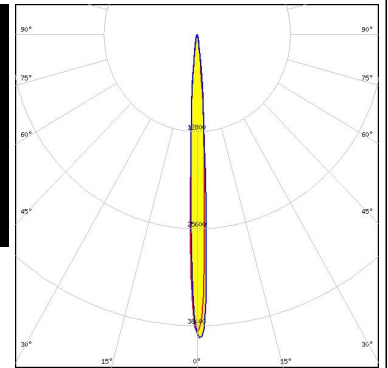
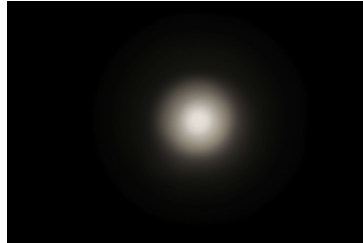
CREE LED

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



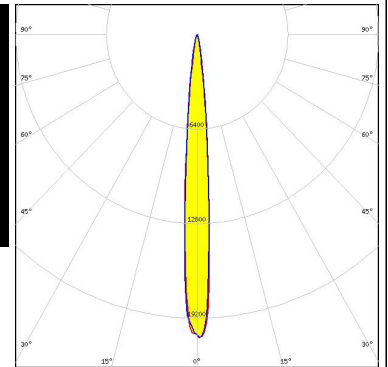
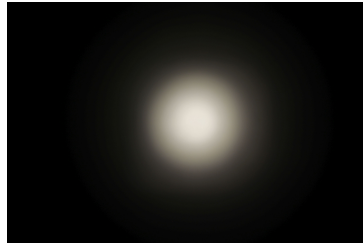
CREE LED

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



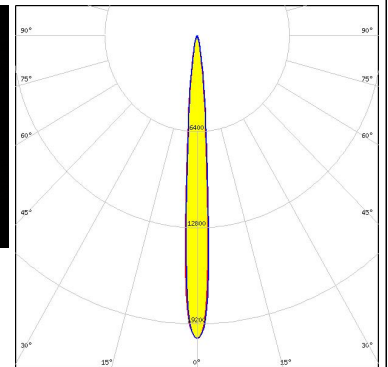
CREE LED

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



CREE LED

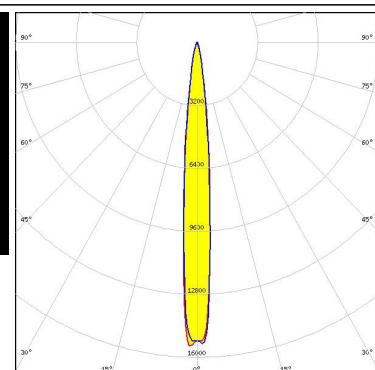
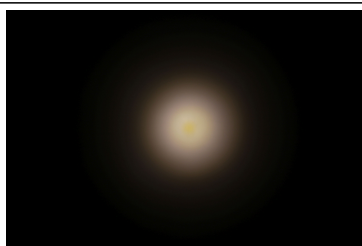
LED XP-L HI
FWHM / FWTM 8.0° / 19.0°
Efficiency 93 %
Peak intensity 20 cd/lm
LEDs/each optic 1
Light colour White
Required components:



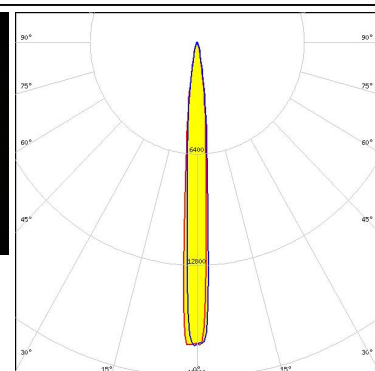
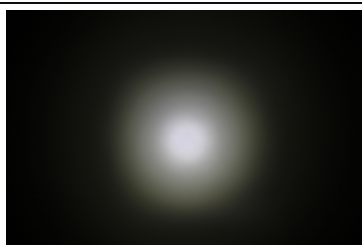
OPTICAL RESULTS (MEASURED):



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



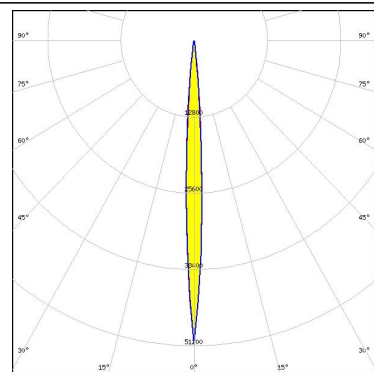
LED TL1L4
FWHM / FWTM 8.0° / 21.0°
Efficiency 94 %
Peak intensity 18 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):



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

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
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