

LR2-D

~14° diffused spot beam optimized for LUXEON Rebel ES. 14.8 mm high assembly with installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.8 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

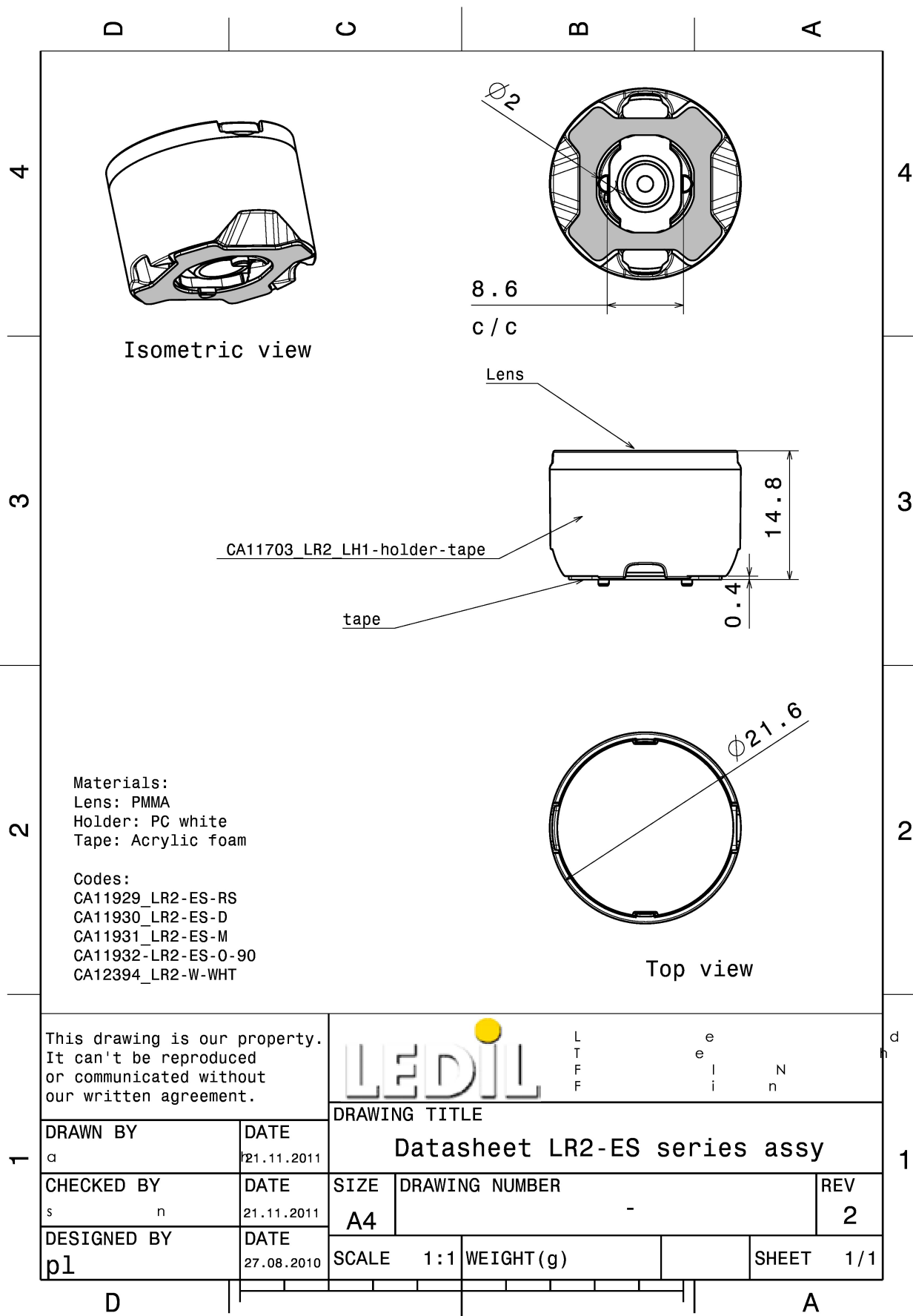
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LXP2-D	Single lens	PMMA	clear	
LR2-ES-LH1-HLD	Holder	PC	white	
HEIDI-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11930_LR2-D	Single lens	1680	336	112	9.6
» Box size: 480 x 280 x 300 mm					



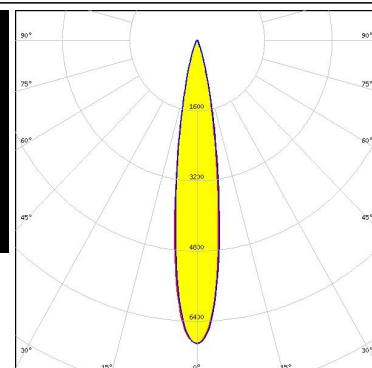
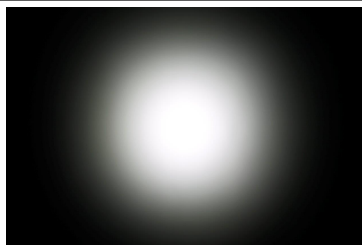


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):



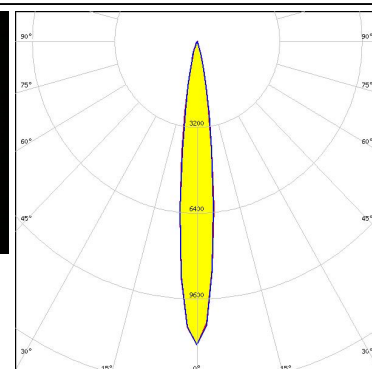
LED XP-L HD
FWHM / FWTM 17.0° / 34.0°
Efficiency 92 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



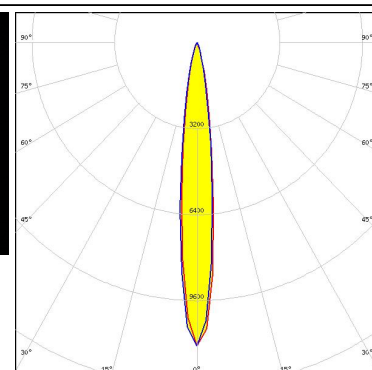
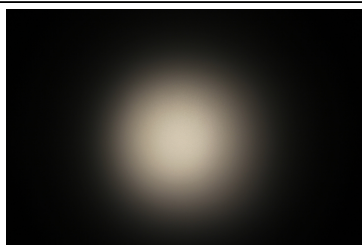
LED LUXEON Rebel ES
FWHM / FWTM 14.0°
Efficiency 92 %
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON T
FWHM / FWTM 14.0° / 30.0°
Efficiency 94 %
Peak intensity 7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON TX
FWHM / FWTM 13.0° / 29.0°
Efficiency 90 %
Peak intensity 11.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



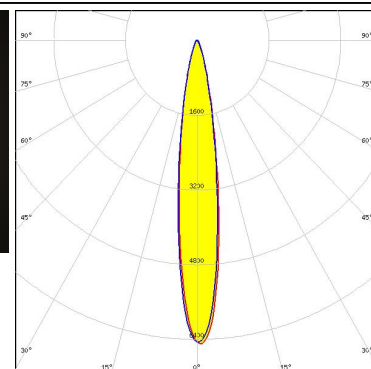
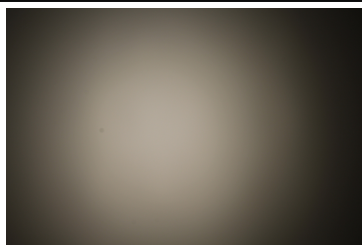
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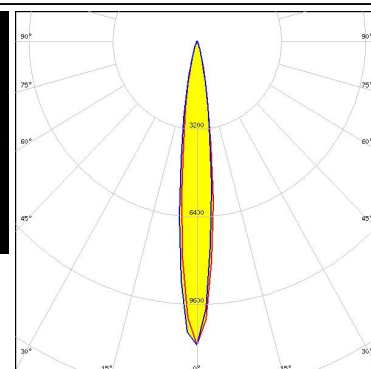
LED LUXEON Z ES
FWHM / FWTM 10.0° / 24.0°
Efficiency 90 %
Peak intensity 15.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM / FWTM 15.0° / 35.0°
Efficiency 92 %
Peak intensity 6.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



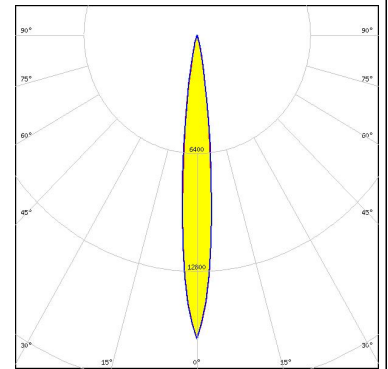
LED OSLOM Square EC
FWHM / FWTM 12.0° / 27.0°
Efficiency 91 %
Peak intensity 11.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



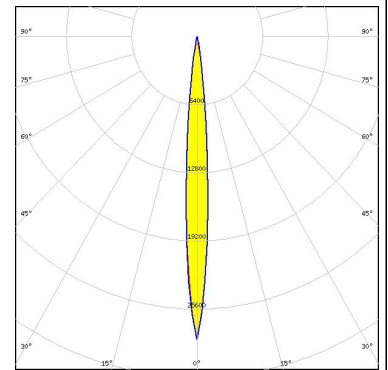
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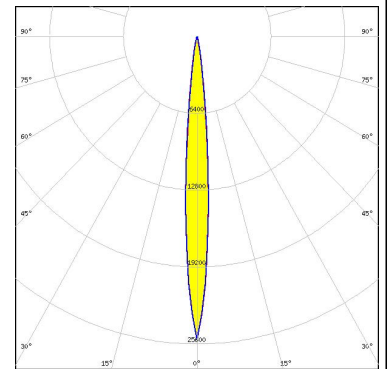
LED XP-G2
FWHM / FWTM 12.0° / 24.0°
Efficiency 95 %
Peak intensity 16.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



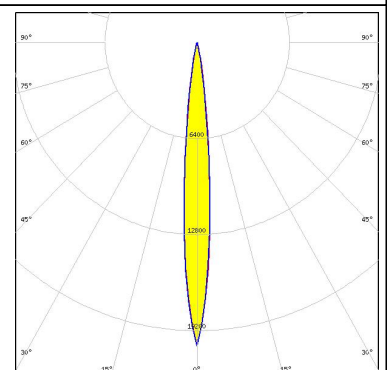
LED XQ-E HD
FWHM / FWTM 9.0° / 17.0°
Efficiency 92 %
Peak intensity 28 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XQ-E HI
FWHM / FWTM 8.0° / 18.0°
Efficiency 94 %
Peak intensity 25.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



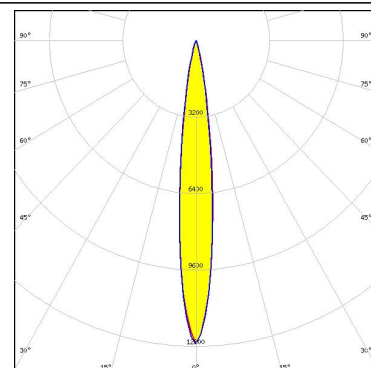
LED LUXEON C
FWHM / FWTM 10.0° / 20.0°
Efficiency 91 %
Peak intensity 20.2 cd/lm
LEDs/each optic 1
Light colour PC Amber
Required components:



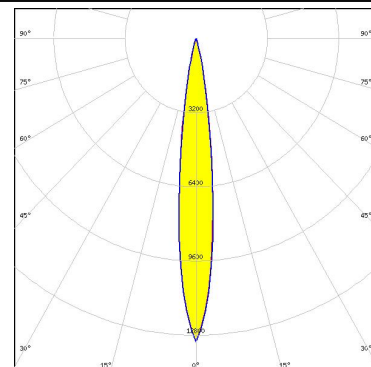
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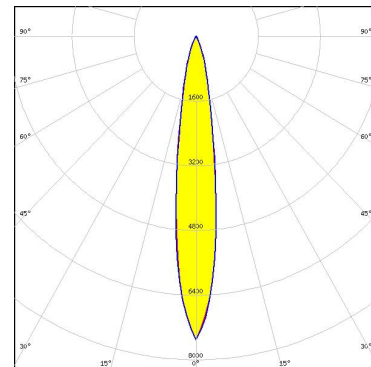
LED LUXEON H50-2
FWHM / FWTM 12.5° / 26.0°
Efficiency 93 %
Peak intensity 12.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:



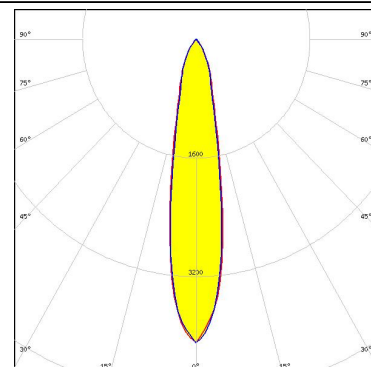
LED LUXEON HL2X
FWHM / FWTM 14.0° / 26.0°
Efficiency 94 %
Peak intensity 13.1 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED NV4WB35AM
FWHM / FWTM 16.0° / 36.0°
Efficiency 96 %
Peak intensity 7.5 cd/Im
LEDs/each optic 1
Light colour White
Required components:



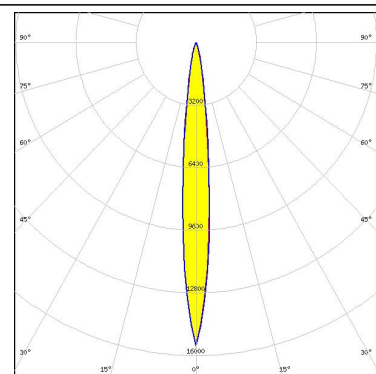
LED Duris S8
FWHM / FWTM 20.0° / 51.0°
Efficiency 95 %
Peak intensity 4.1 cd/Im
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED OSCONIQ C 2424
FWHM / FWTM 10.0° / 24.0°
Efficiency 95 %
Peak intensity 15.5 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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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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