

LR2-D

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

SPECIFICATION:

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

MATERIALS:

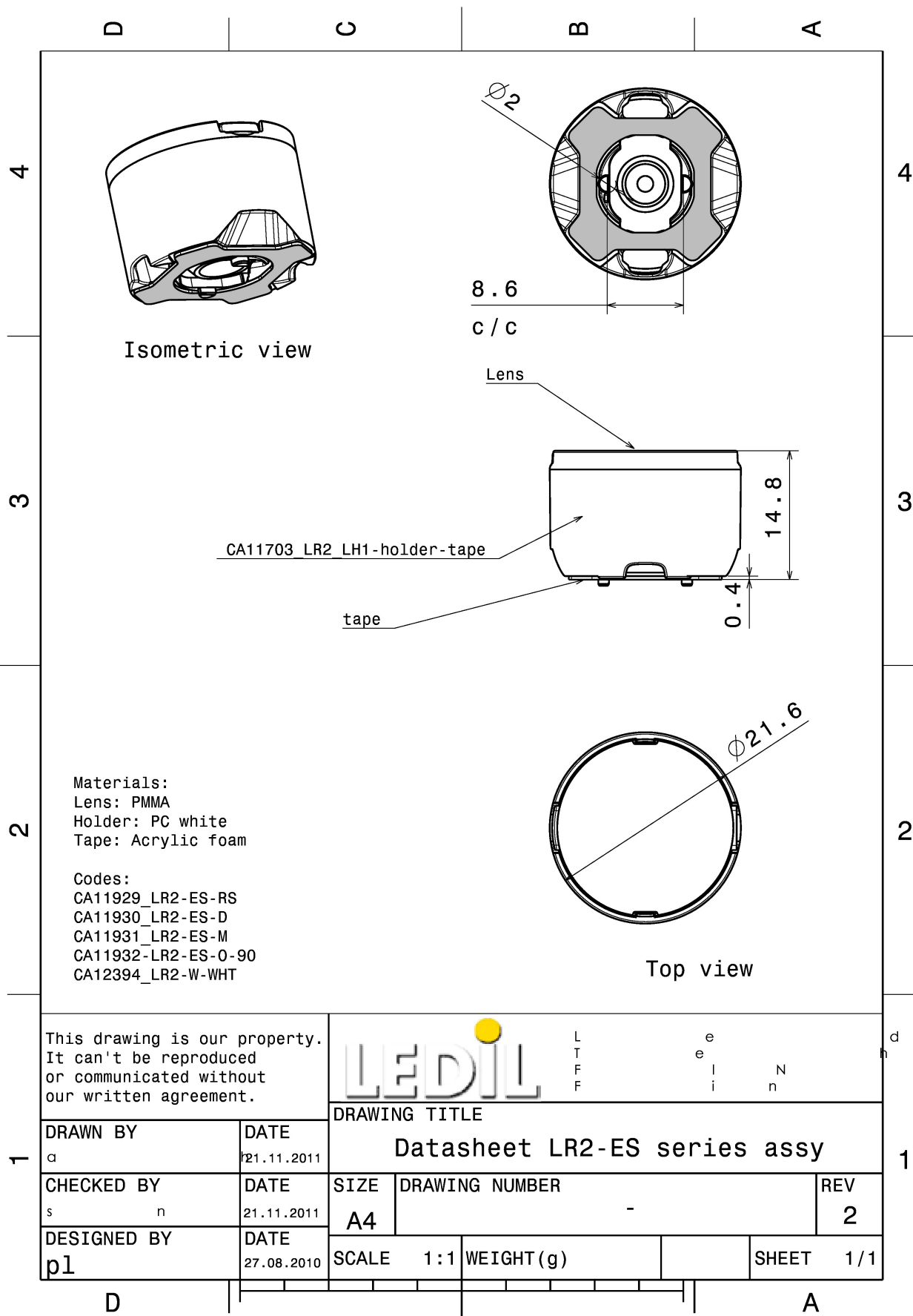
Component	Type	Material	Colour	Finish
LXP2-D	Single lens	PMMA	clear	
LR2-ES-LH1-HLD	Holder	PC	white	
HEIDI-TAPE	Tape	Acrylic foam	black	

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					



LEDiL

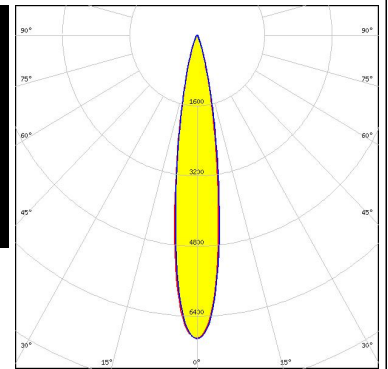
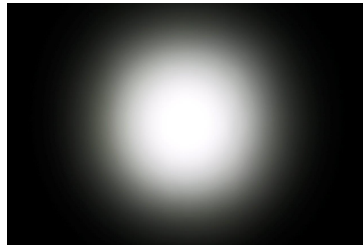


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



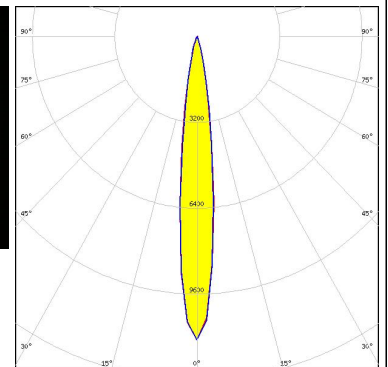
LED XP-L HD
FWHM / FWTM 17.0° / 34.0°
Efficiency 92 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



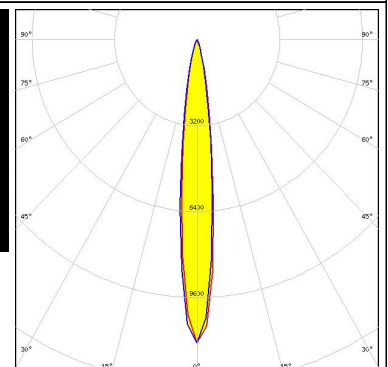
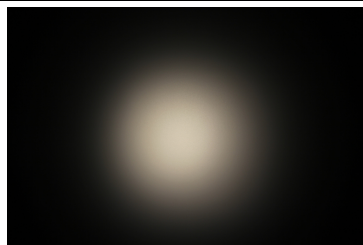
LED LUXEON Rebel ES
FWHM / FWTM 14.0°
Efficiency 92 %
LEDs/each optic 1
Light colour White
Required components:



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:



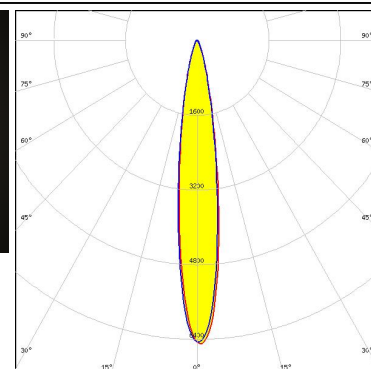
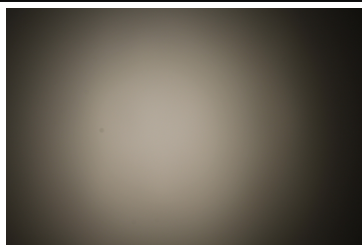
OPTICAL RESULTS (MEASURED):



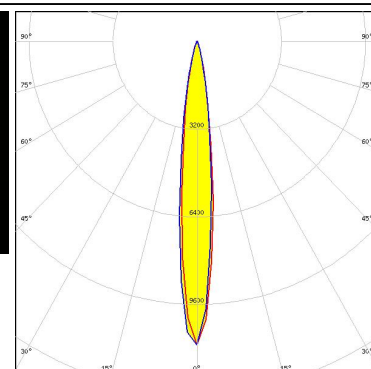
LED LUXEON Z ES
FWHM / FWTM 10.0° / 24.0°
Efficiency 90 %
Peak intensity 15.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:



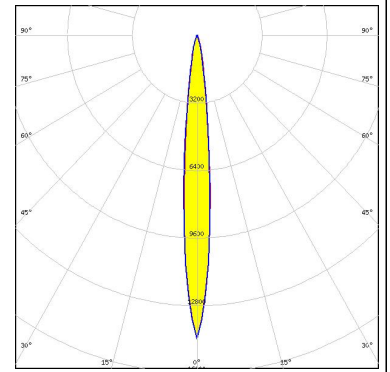
LED OSLOM Square EC
FWHM / FWTM 12.0° / 27.0°
Efficiency 91 %
Peak intensity 11.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



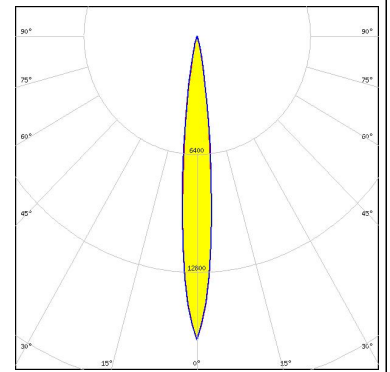
OPTICAL RESULTS (SIMULATED):



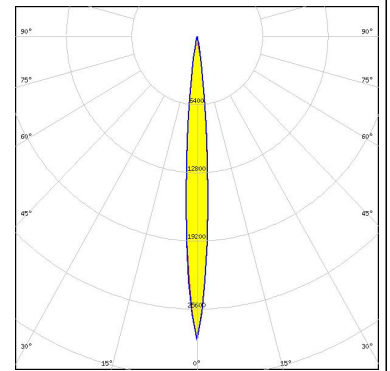
LED XD16
FWHM / FWTM 10.0° / 24.0°
Efficiency 91 %
Peak intensity 14.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



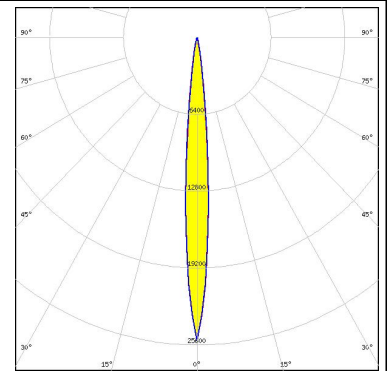
LED XP-G2
FWHM / FWTM 12.0° / 24.0°
Efficiency 95 %
Peak intensity 16.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:



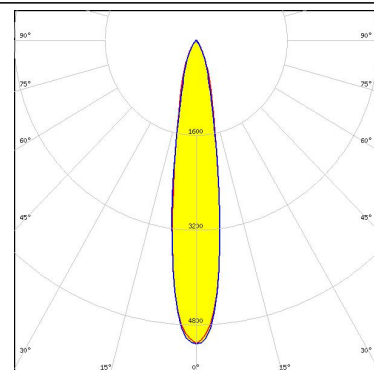
LED XQ-E HI
FWHM / FWTM 8.0° / 18.0°
Efficiency 94 %
Peak intensity 25.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

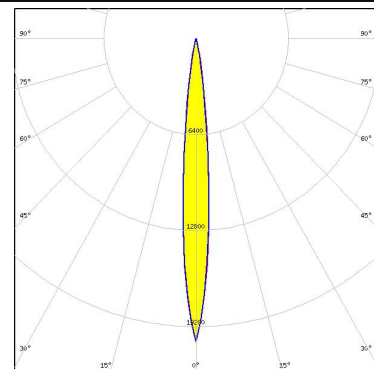
LUMILEDS

LED LUXEON 5050 Round LES
FWHM / FWTM 18.0° / 45.0°
Efficiency 96 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



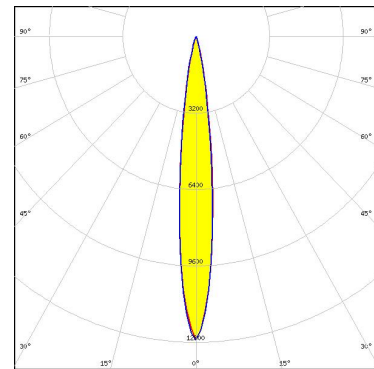
LUMILEDS

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:



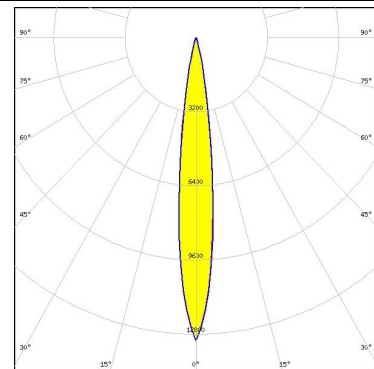
LUMILEDS

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



LUMILEDS

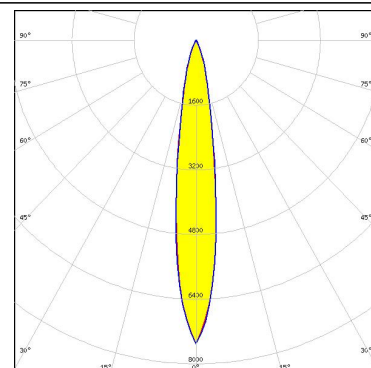
LED LUXEON HL2X
FWHM / FWTM 14.0° / 26.0°
Efficiency 94 %
Peak intensity 13.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



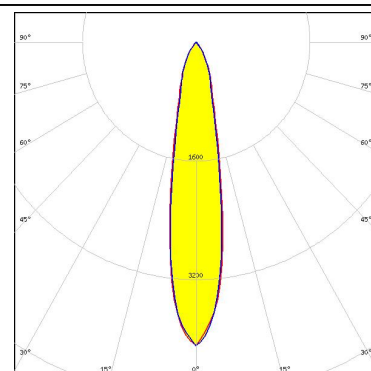
OPTICAL RESULTS (SIMULATED):



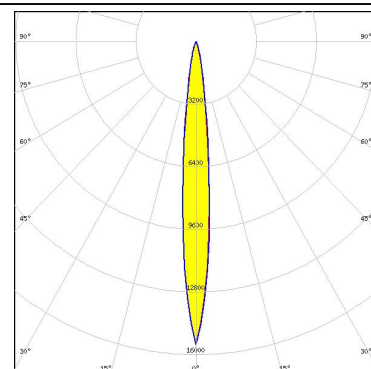
LED NV4WB35AM
FWHM / FWTM 16.0° / 36.0°
Efficiency 96 %
Peak intensity 7.5 cd/Im
LEDs/each optic 1
Light colour White
Required components:



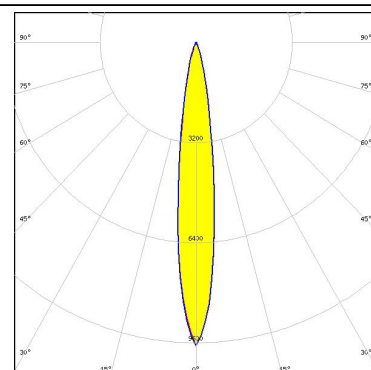
LED Duris S8
FWHM / FWTM 20.0° / 51.0°
Efficiency 95 %
Peak intensity 4.1 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ C 2424
FWHM / FWTM 10.0° / 24.0°
Efficiency 95 %
Peak intensity 15.5 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 3737 (3W version)
FWHM / FWTM 14.0° / 32.0°
Efficiency 96 %
Peak intensity 9.7 cd/Im
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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