

LR2-M

~25° medium 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:

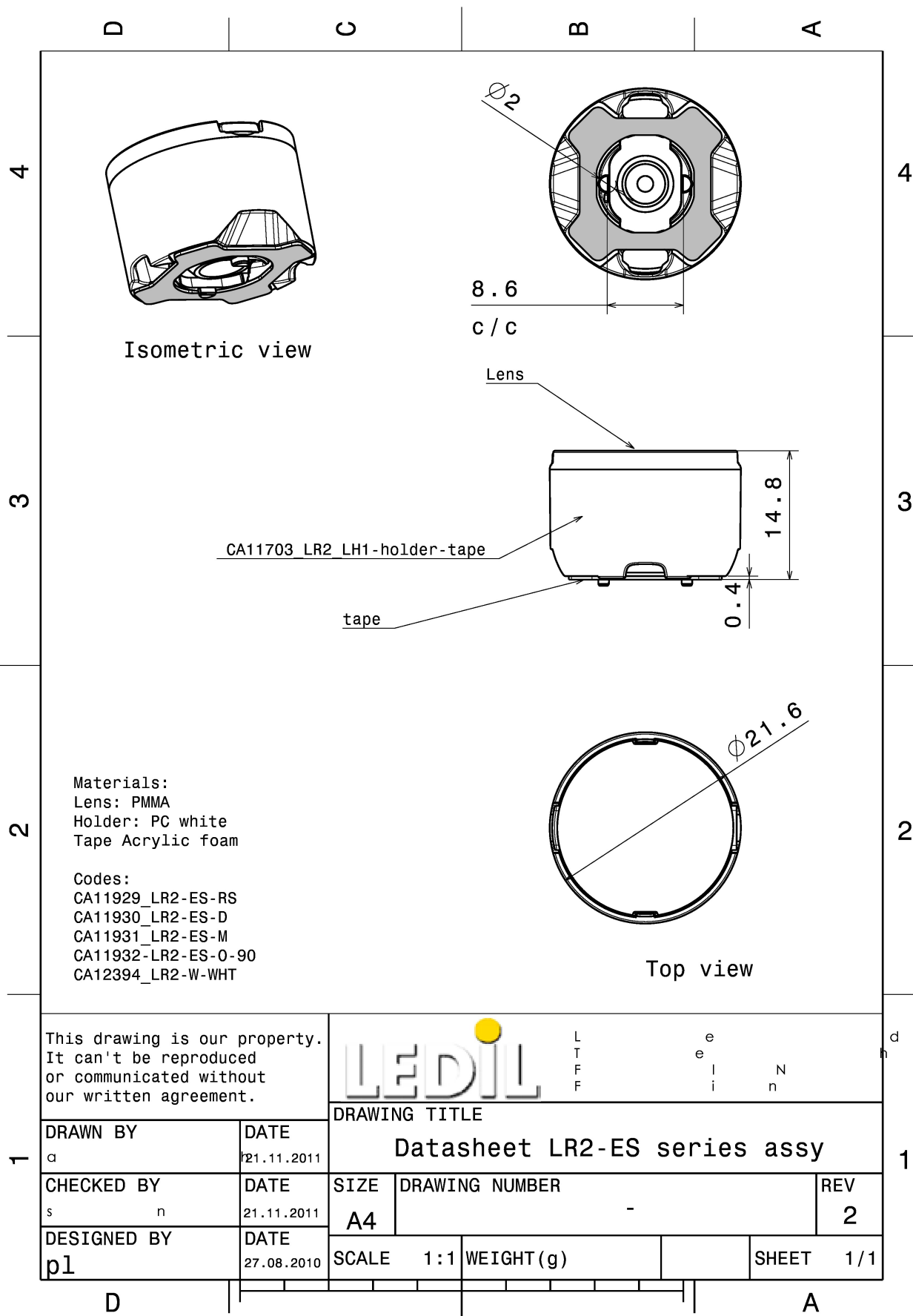
Component	Type	Material	Colour	Finish
LXP2-M	Single lens	PMMA	clear	
LR2-ES-LH1-HLD	Holder	PC	white	
HEIDI-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11931_LR2-M	Single lens	1680	336	112	9.0
» Box size: 480 x 280 x 300 mm					



LEDiL

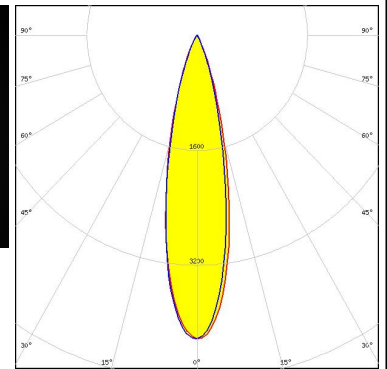
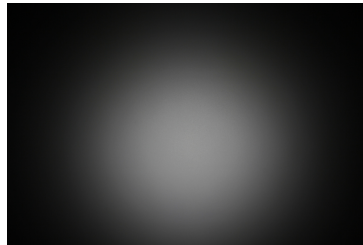


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



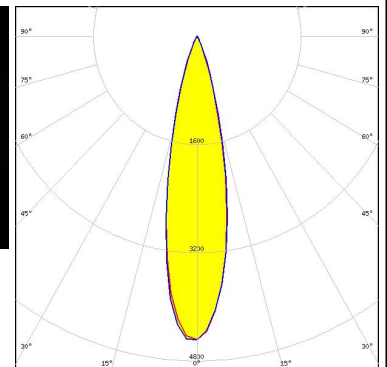
LED XP-L HD
FWHM / FWTM 24.0° / 46.0°
Efficiency 90 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



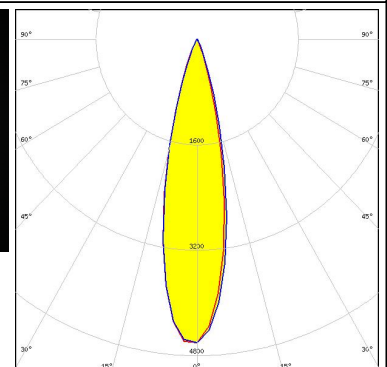
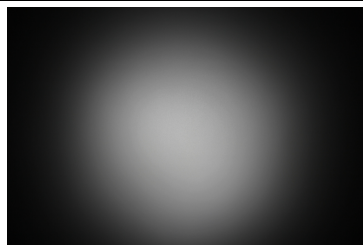
LED LUXEON Rebel ES
FWHM / FWTM 22.0°
Efficiency 92 %
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON T
FWHM / FWTM 25.0° / 44.0°
Efficiency 90 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



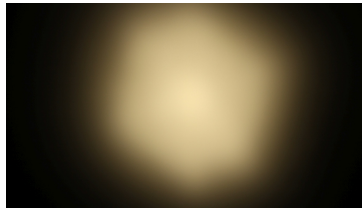
LED LUXEON TX
FWHM / FWTM 24.0° / 42.0°
Efficiency 90 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



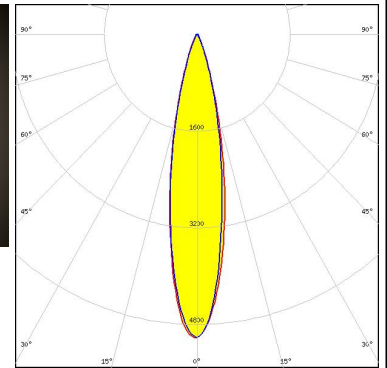
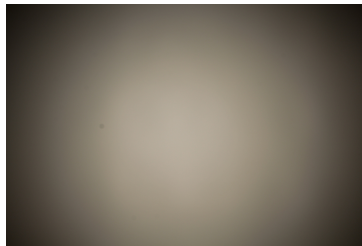
OPTICAL RESULTS (MEASURED):



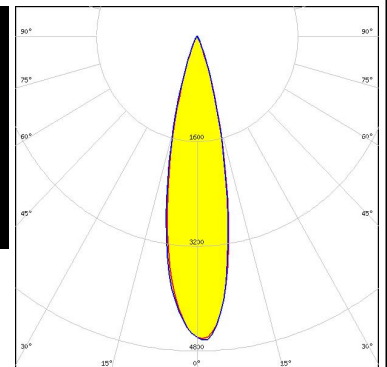
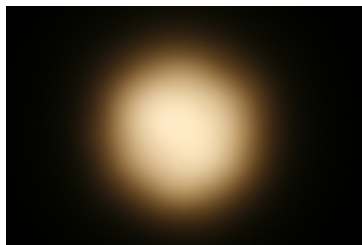
LED LUXEON Z ES
FWHM / FWTM 23.0° / 40.0°
Efficiency 90 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM / FWTM 22.0° / 42.0°
Efficiency 94 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



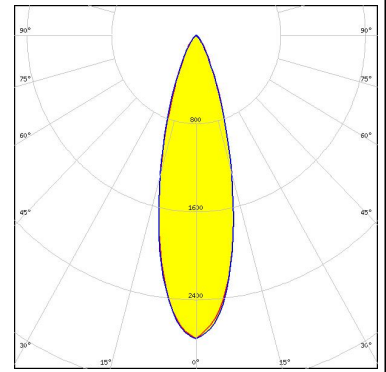
LED OSLOM Square EC
FWHM / FWTM 25.0° / 42.0°
Efficiency 89 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



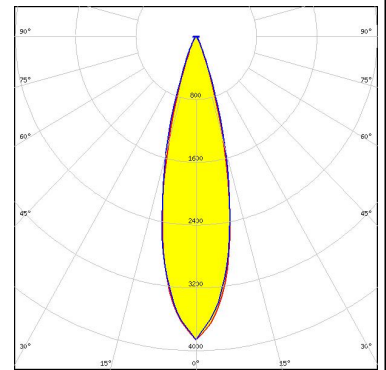
OPTICAL RESULTS (SIMULATED):



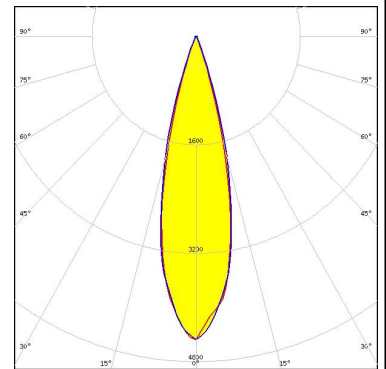
LED J Series 5050 Round LES
FWHM / FWTM 28.0° / 56.0°
Efficiency 94 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



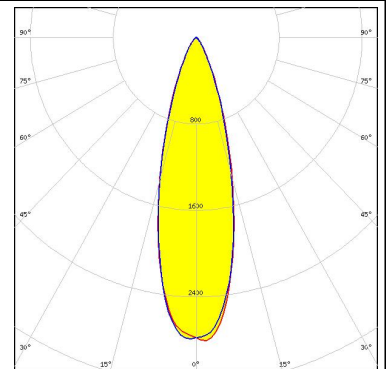
LED XD16
FWHM / FWTM 26.0° / 45.0°
Efficiency 91 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XQ-E HD
FWHM / FWTM 26.0° / 42.0°
Efficiency 94 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



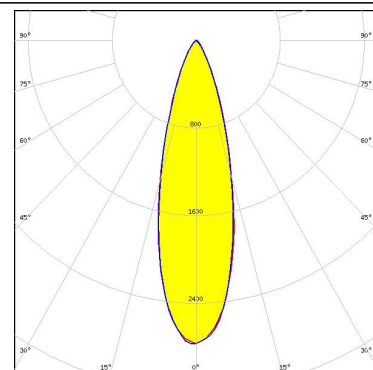
LED LUXEON 5050 Round LES
FWHM / FWTM 30.0° / 56.0°
Efficiency 94 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

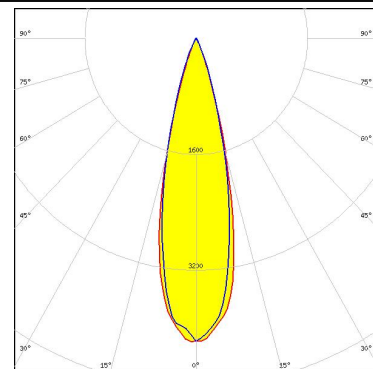
LUMILEDS

LED LUXEON 5050 Square LES
FWHM / FWTM 29.0° / 57.0°
Efficiency 96 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



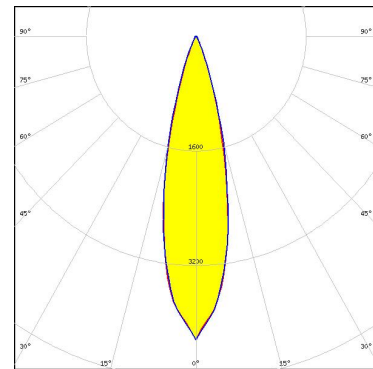
LUMILEDS

LED LUXEON H50-2
FWHM / FWTM 25.0° / 43.0°
Efficiency 92 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



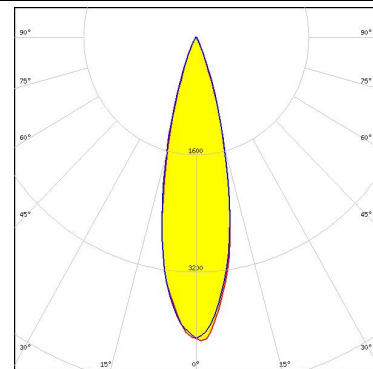
LUMILEDS

LED LUXEON IR Domed 60 (L110-0xxx060000000)
FWHM / FWTM 24.0° / 44.0°
Efficiency 93 %
LEDs/each optic 1
Light colour IR
Required components:



LUMILEDS

LED LUXEON V2
FWHM / FWTM 26.0° / 45.0°
Efficiency 94 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

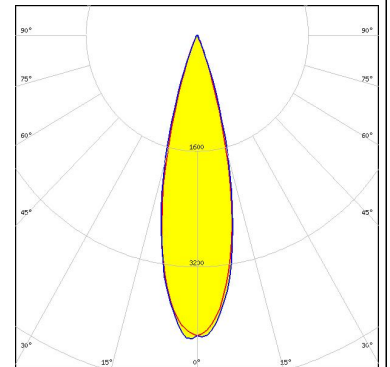
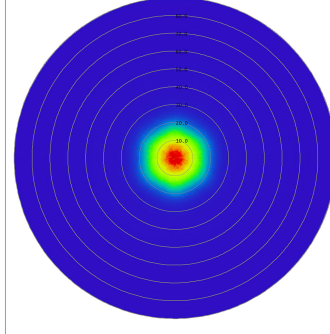


OPTICAL RESULTS (SIMULATED):

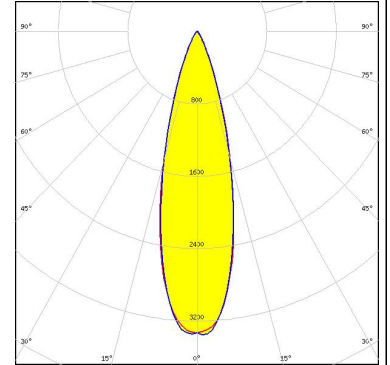


LED SST-10-IR-B90
 FWHM / FWTM 26.0° / 42.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour IR
 Required components:

Polar intensity graph

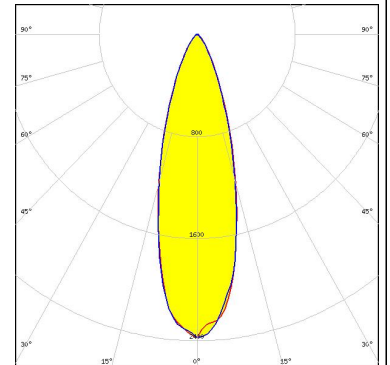


LED NV4WB35AM
 FWHM / FWTM 28.0° / 50.0°
 Efficiency 95 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



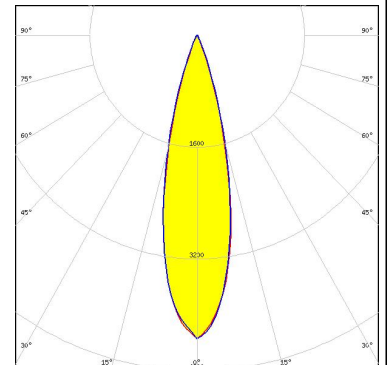
Opto Semiconductors

LED Duris S8
 FWHM / FWTM 30.0° / 61.0°
 Efficiency 93 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 26.0° / 43.0°
 Efficiency 95 %
 Peak intensity 4.3 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:

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