

LR2-M

~25° medium beam optimized for LUXEON Rebel ES. 14.8 mm high assembly with installation tape.

SPECIFICATION:

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

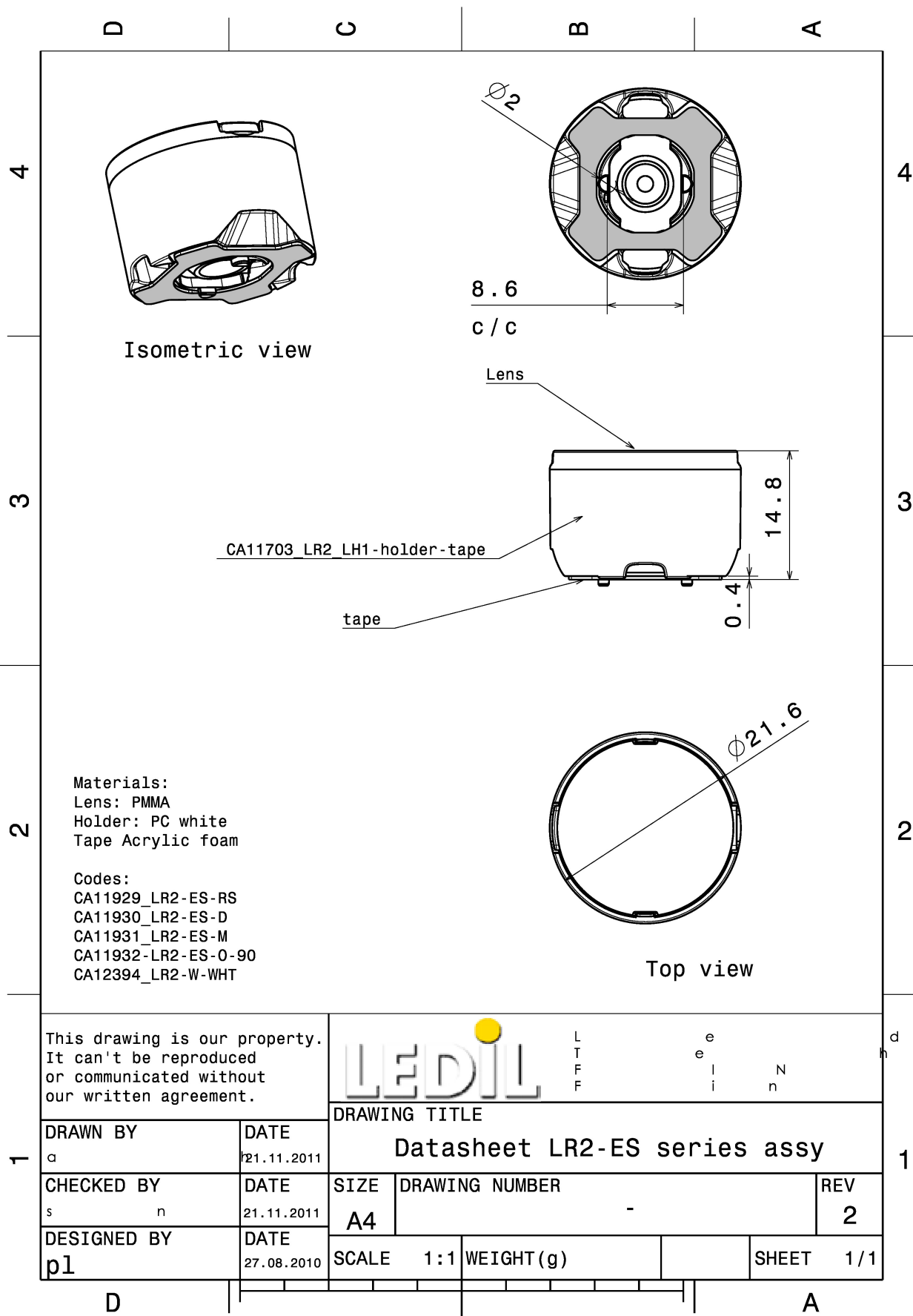


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
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 » Box size: 480 x 280 x 300 mm	1680	336	112	9.0

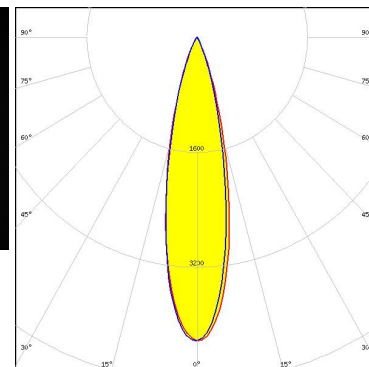
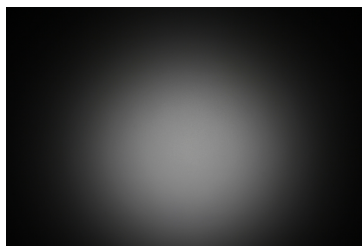


See also our general installation guide: www.ledil.com/installation_guide

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/type White
Required components:



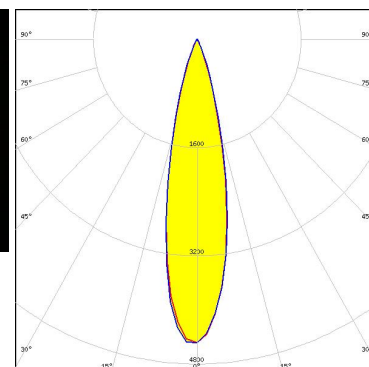
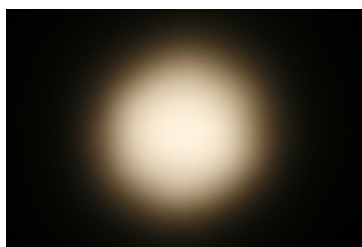
Light distribution files



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

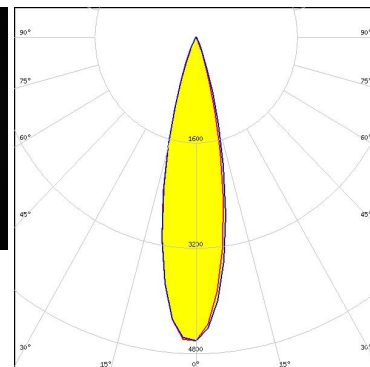
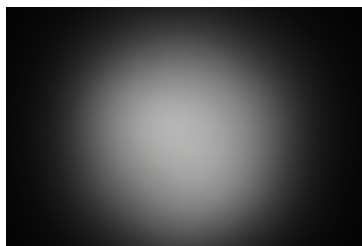


Light distribution files

OPTICAL RESULTS (MEASURED):



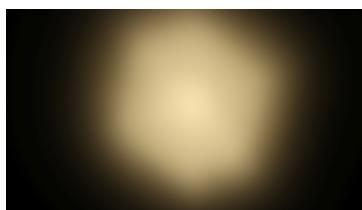
LED LUXEON TX
FWHM / FWTM 24.0° / 42.0°
Efficiency 90 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



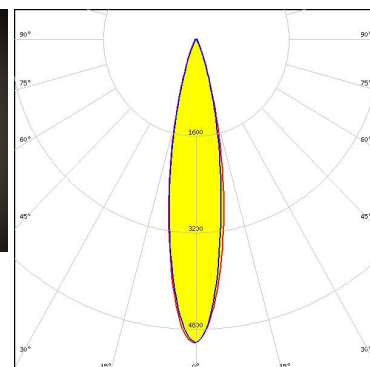
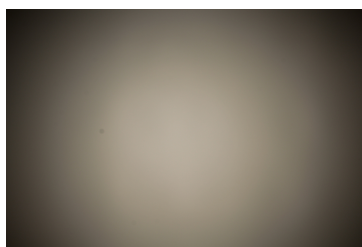
LED LUXEON Z ES
FWHM / FWTM 23.0° / 40.0°
Efficiency 90 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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

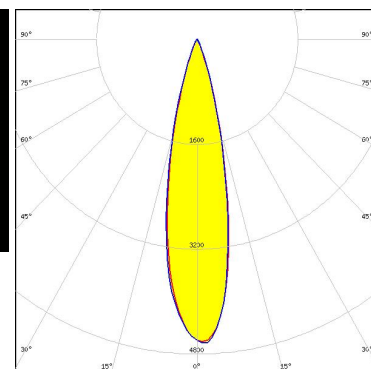


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

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

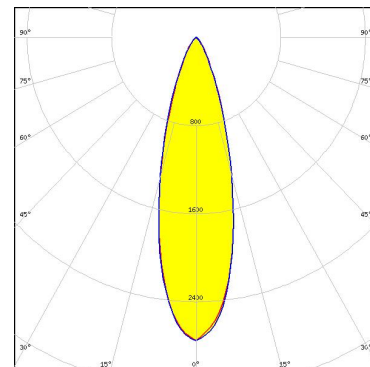


Light distribution files

OPTICAL RESULTS (SIMULATED):



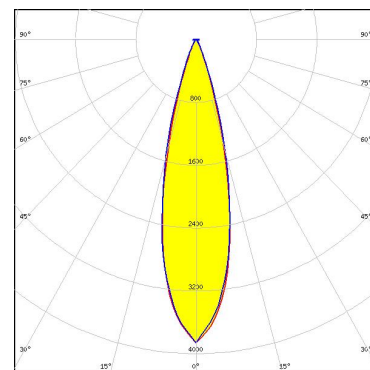
LED J Series 5050 Round LES
FWHM / FWTM 28.0° / 56.0°
Efficiency 94 %
Peak intensity 2.8 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



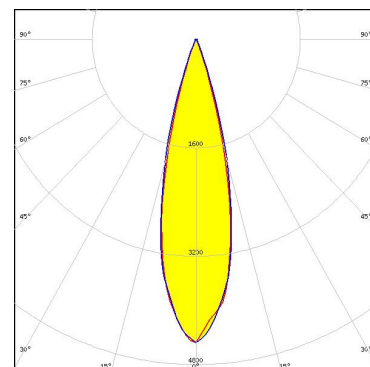
LED XD16
FWHM / FWTM 26.0° / 45.0°
Efficiency 91 %
Peak intensity 3.9 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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

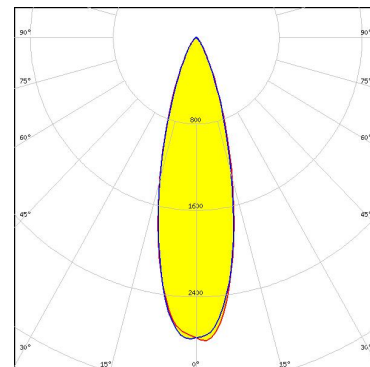


Light distribution files

OPTICAL RESULTS (SIMULATED):



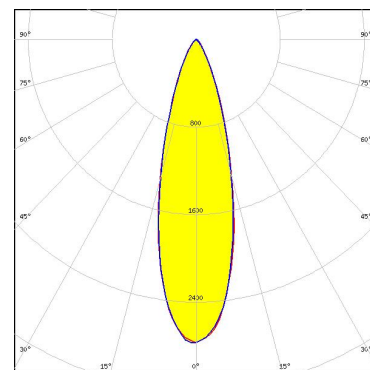
LED LUXEON 5050 Round LES
FWHM / FWTM 30.0° / 56.0°
Efficiency 94 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



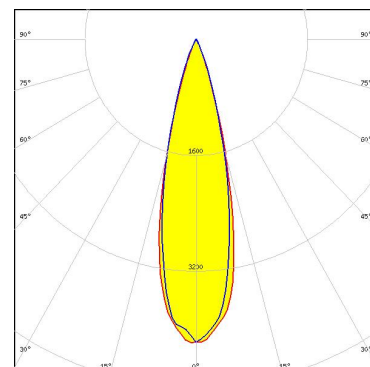
LED LUXEON 5050 Square LES
FWHM / FWTM 29.0° / 57.0°
Efficiency 96 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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

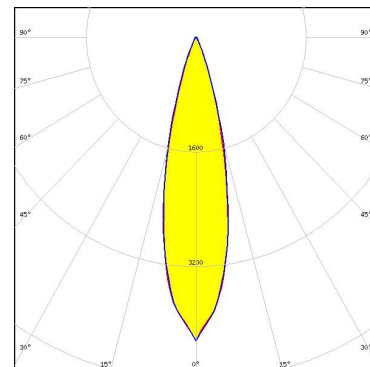


Light distribution files

OPTICAL RESULTS (SIMULATED):



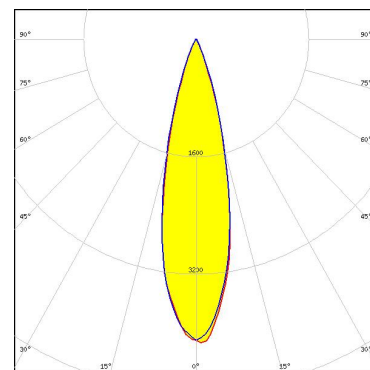
LED LUXEON IR Domed 60 (L110-0xxx060000000)
 FWHM / FWTM 24.0° / 44.0°
 Efficiency 93 %
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



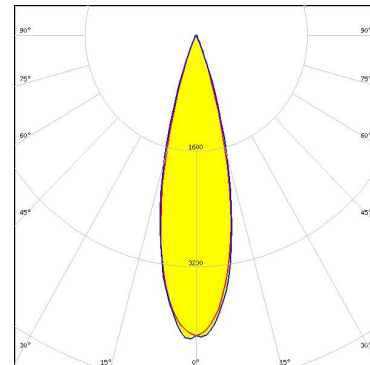
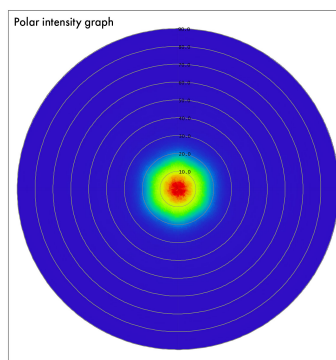
LED LUXEON V2
 FWHM / FWTM 26.0° / 45.0°
 Efficiency 94 %
 Peak intensity 4.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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

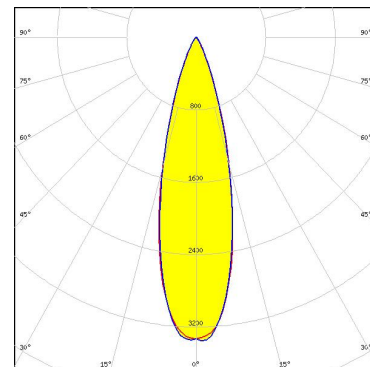


Light distribution files

OPTICAL RESULTS (SIMULATED):



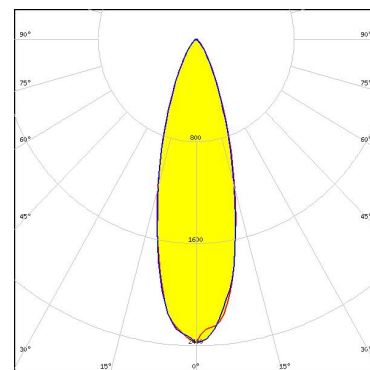
LED NV4WB35AM
 FWHM / FWTM 28.0° / 50.0°
 Efficiency 95 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



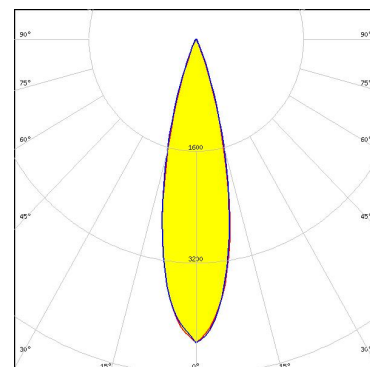
LED Duris S8
 FWHM / FWTM 30.0° / 61.0°
 Efficiency 93 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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/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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