

FLARE-MAXI-TAPE

34 x 33 mm lens with ~100° x 15° oval beam.
Assembly with installation tape.

SPECIFICATION:

Dimensions	33.9 x 33.3
Height	16.9 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

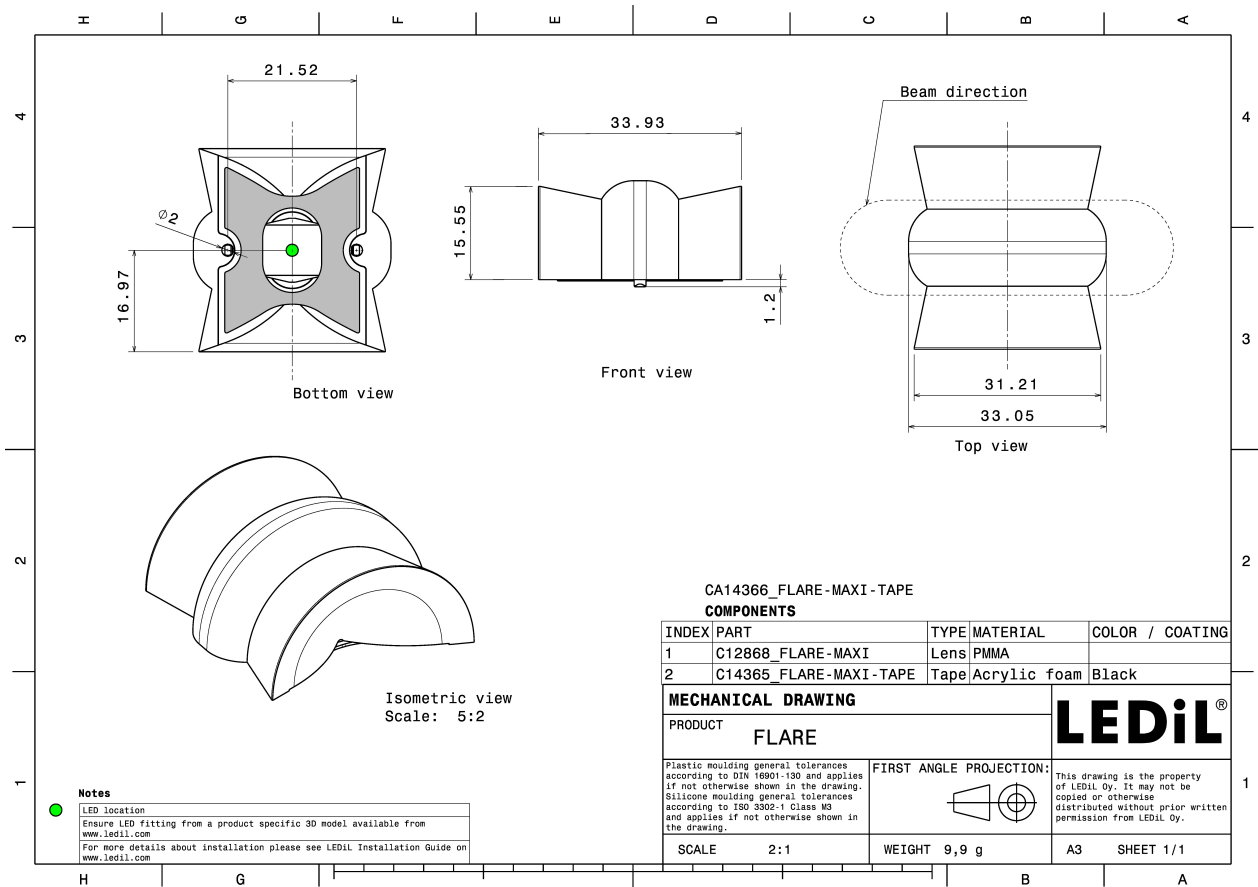


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
FLARE-MAXI	Single lens	PMMA	clear		
FLARE-MAXI-TAPE	Tape	Acryl tape	clear		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14366_FLARE-MAXI-TAPE	Single lens	864	144	72	9.7
» Box size:					

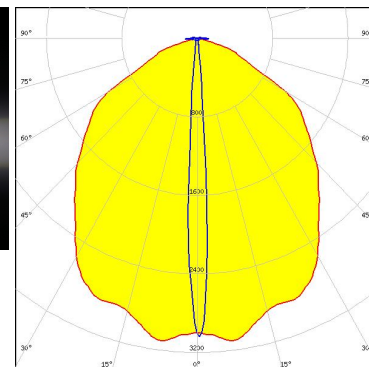
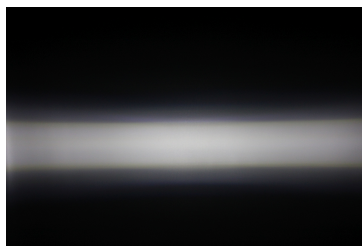


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



LED XD16
 FWHM / FWTM 100.0 + 8.0° / 140.0 + 14.0°
 Efficiency 90 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XM-L
 FWHM / FWTM 96.0 + 15.0° / 175.0°
 Efficiency 94 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED XM-L2
 FWHM / FWTM 105.0 + 13.0°
 Efficiency 96 %
 LEDs/each optic 1
 Light colour/type White
 Required components:

OPTICAL RESULTS (MEASURED):



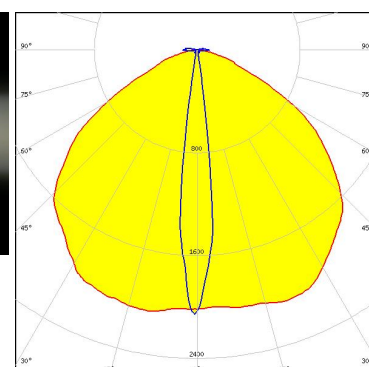
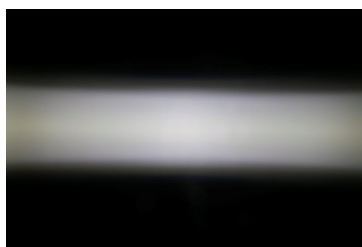
LED XP-G
FWHM / FWTM 105.0 + 11.0° / 174.0°
Efficiency 94 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED XP-G2
FWHM / FWTM 96.0 + 10.0° / 162.0°
Efficiency 94 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED XP-L HD
FWHM / FWTM 115.0 + 13.0° / 149.0 + 19.0°
Efficiency 94 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

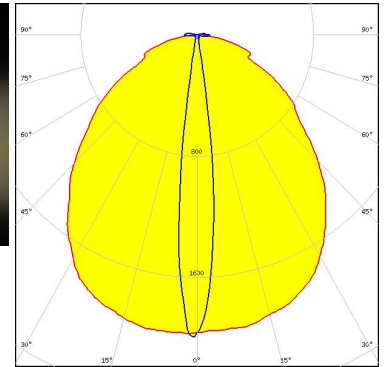
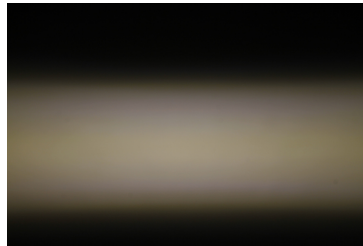


Light distribution files

OPTICAL RESULTS (MEASURED):



LED XP-L2
 FWHM / FWTM 99.0 + 13.0° / 158.0 + 21.0°
 Efficiency 94 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XT-E
 FWHM / FWTM 96.0 + 10.0° / 183.0°
 Efficiency 94 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED LUXEON Rebel ES
 FWHM / FWTM 91.0 + 10.0° / 164.0°
 Efficiency 94 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

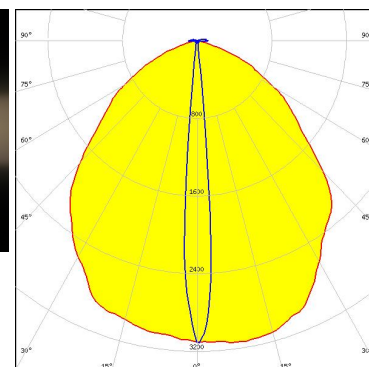
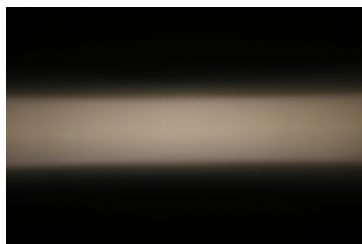
OPTICAL RESULTS (MEASURED):



LED	LUXEON T
FWHM / FWTM	96.0 + 10.0° / 262.0°
Efficiency	92 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



LED	LUXEON TX
FWHM / FWTM	96.0 + 9.0° / 141.0°
Efficiency	94 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	NCSxx19B
FWHM / FWTM	98.0 + 9.0° / 170.0°
Efficiency	94 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

OPTICAL RESULTS (MEASURED):



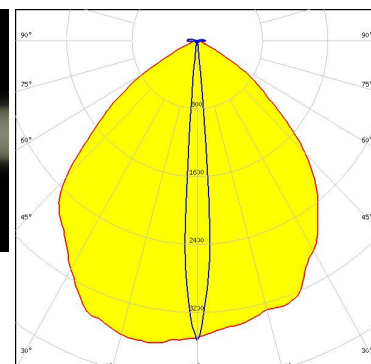
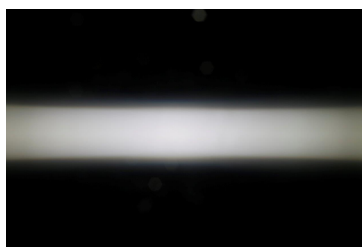
LED NVSxx19B/NVSxx19C
FWHM / FWTM 98.0 + 11.0° / 176.0°
Efficiency 94 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED OSLOM Square PC
FWHM / FWTM 98.0 + 13.0° / 178.0°
Efficiency 94 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED LH351Z
FWHM / FWTM 94.0 + 8.8° / 125.0 + 13.0°
Efficiency 94 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

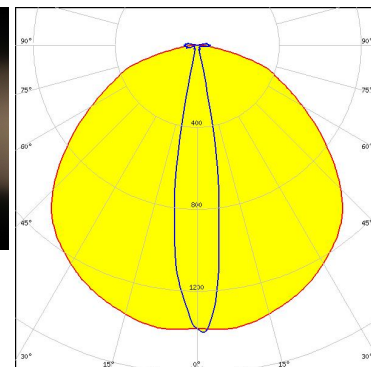
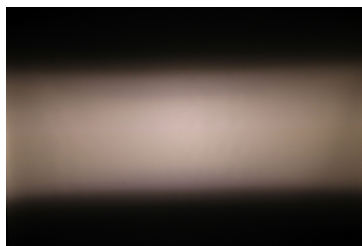


Light distribution files

OPTICAL RESULTS (MEASURED):



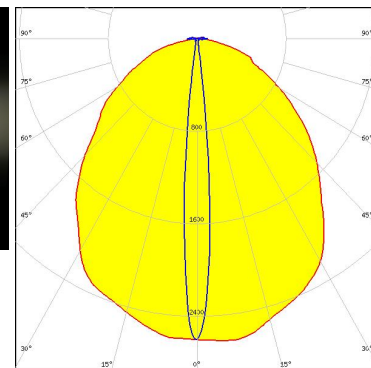
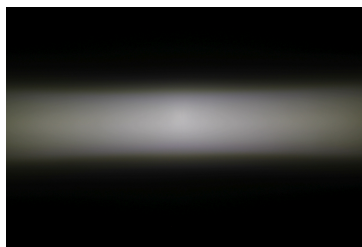
LED WICOP 5050
 FWHM / FWTM 112.0 + 17.0° / 158.0 + 27.0°
 Efficiency 93 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



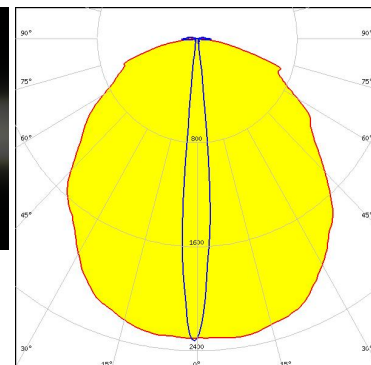
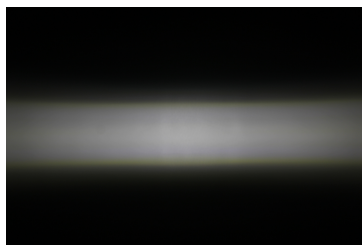
LED Z5M3
 FWHM / FWTM 97.0 + 10.0° / 154.0 + 17.0°
 Efficiency 94 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Z8Y22P
 FWHM / FWTM 104.0 + 10.0° / 160.0 + 17.0°
 Efficiency 93 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

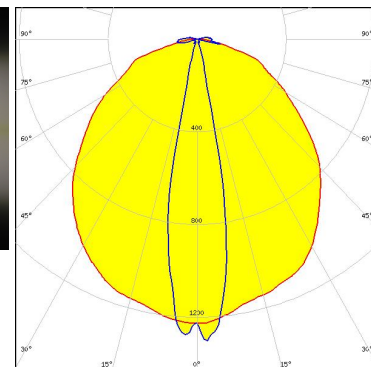
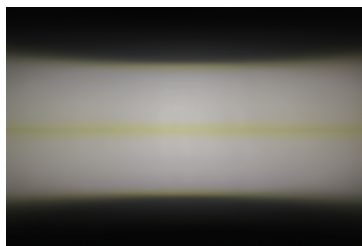


Light distribution files

OPTICAL RESULTS (MEASURED):



LED Z8Y50P
FWHM / FWTM 105.0 + 21.0° / 155.0 + 29.0°
Efficiency 93 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

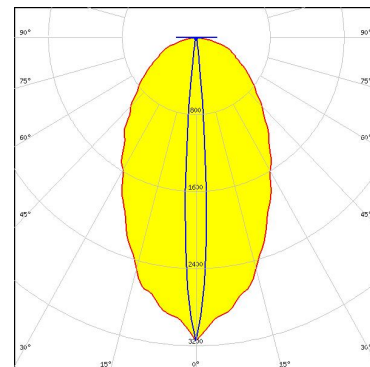


Light distribution files

OPTICAL RESULTS (SIMULATED):



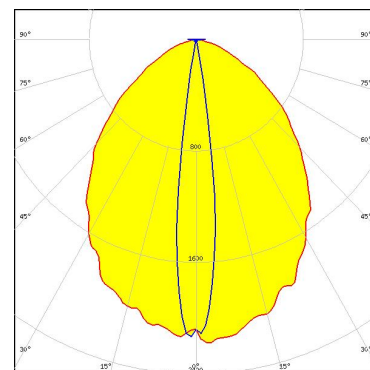
LED XD16
 FWHM / FWTM 62.0 + 8.0° / 146.0 + 15.0°
 Efficiency 94 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



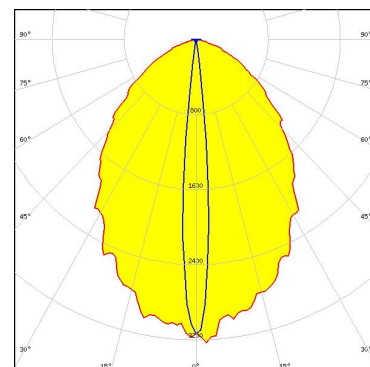
LED XHP35 HD
 FWHM / FWTM 89.0 + 14.0° / 139.0 + 20.0°
 Efficiency 91 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XHP35 HI
 FWHM / FWTM 82.0 + 10.0° / 136.0 + 15.0°
 Efficiency 93 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

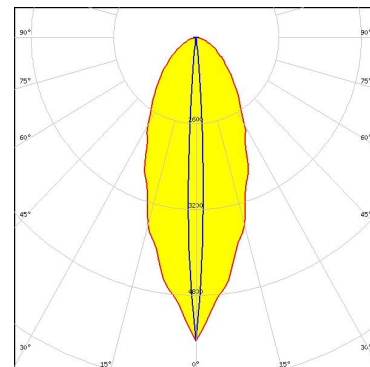


Light distribution files

OPTICAL RESULTS (SIMULATED):



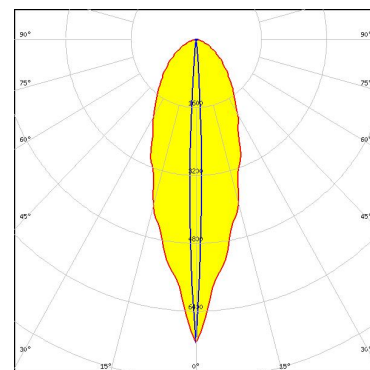
LED XP-E2
 FWHM / FWTM 6.0 + 41.0° / 13.0 + 109.0°
 Efficiency 94 %
 Peak intensity 5.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON CZ
 FWHM / FWTM 4.0 + 34.0° / 10.0 + 107.0°
 Efficiency 95 %
 Peak intensity 7.1 cd/lm
 LEDs/each optic 1
 Light colour/type Red
 Required components:



Light distribution files

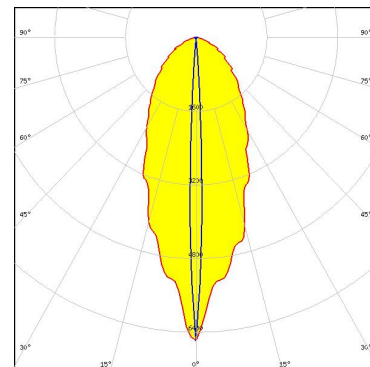


LED LUXEON H50-2
 FWHM / FWTM 9.5 + 64.0° / 137.0°
 Efficiency 92 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

OPTICAL RESULTS (SIMULATED):



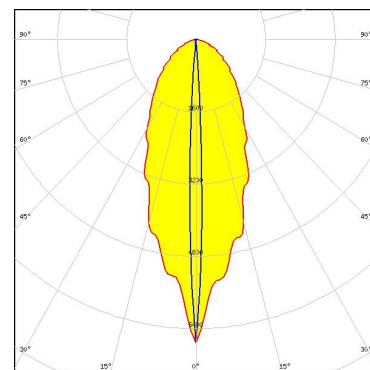
LED LUXEON Rubix
 FWHM / FWTM 41.0 + 4.0° / 118.0 + 10.0°
 Efficiency 96 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour/type Green
 Required components:



Light distribution files



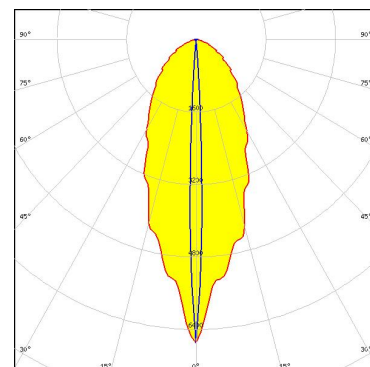
LED LUXEON Rubix
 FWHM / FWTM 40.0 + 4.0° / 117.0 + 10.0°
 Efficiency 96 %
 Peak intensity 6.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON Rubix
 FWHM / FWTM 41.0 + 4.0° / 118.0 + 10.0°
 Efficiency 96 %
 Peak intensity 6.7 cd/lm
 LEDs/each optic 1
 Light colour/type Blue
 Required components:

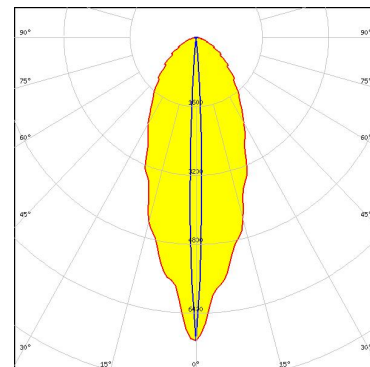


Light distribution files

OPTICAL RESULTS (SIMULATED):



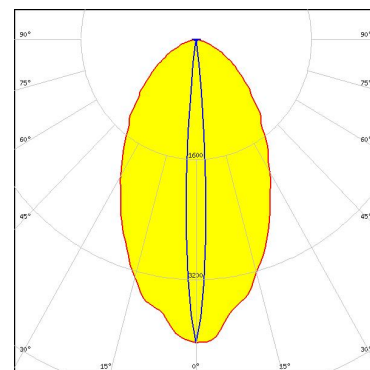
LED LUXEON Rubix
 FWHM / FWTM 39.0 + 4.0° / 114.0 + 10.0°
 Efficiency 96 %
 Peak intensity 7 cd/lm
 LEDs/each optic 1
 Light colour/type Red
 Required components:



Light distribution files



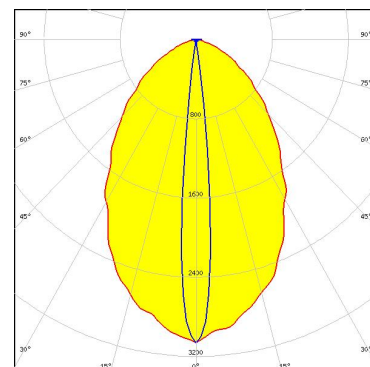
LED SFT-40-WCS
 FWHM / FWTM 61.0 + 8.0° / 129.0 + 14.0°
 Efficiency 96 %
 Peak intensity 4.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED SFT-70X-WCS
 FWHM / FWTM 72.0 + 10.0° / 132.0 + 16.0°
 Efficiency 96 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

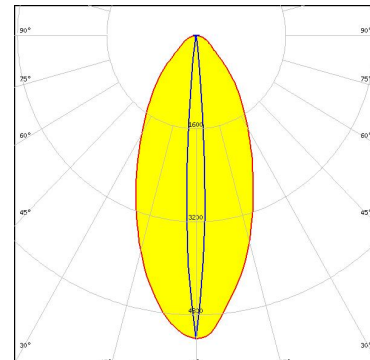
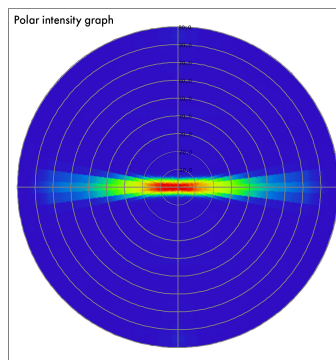


Light distribution files

OPTICAL RESULTS (SIMULATED):



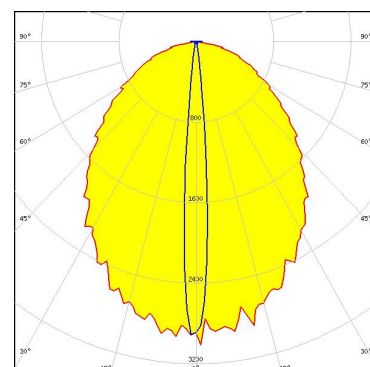
LED SST-10-IRD-B90
 FWHM / FWTM 55.0 + 8.0° / 104.0 + 12.0°
 Efficiency 95 %
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



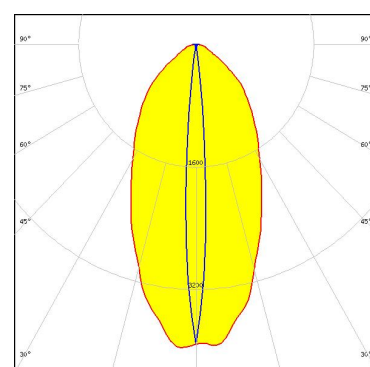
LED NCSxE17A
 FWHM / FWTM 90.0 + 9.0° / 150.0 + 18.0°
 Efficiency 94 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED OSLOM Square EC
 FWHM / FWTM 8.0 + 53.0° / 116.0 + 15.0°
 Efficiency 94 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

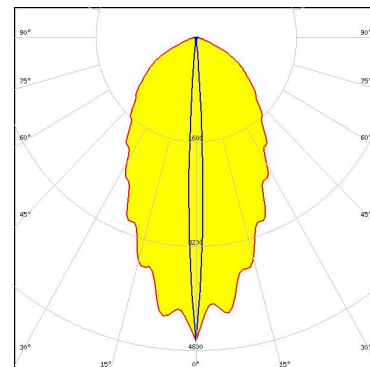


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

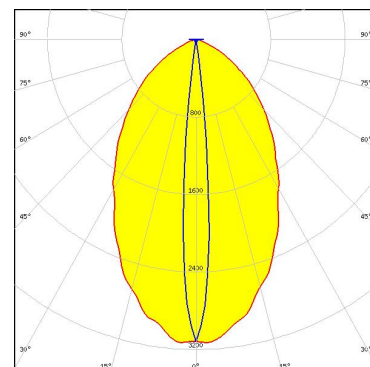
LED OSLON SSL 150
FWHM / FWTM $6.0 + 58.0^\circ / 12.0 + 131.0^\circ$
Efficiency 94 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:



Light distribution files

SAMSUNG

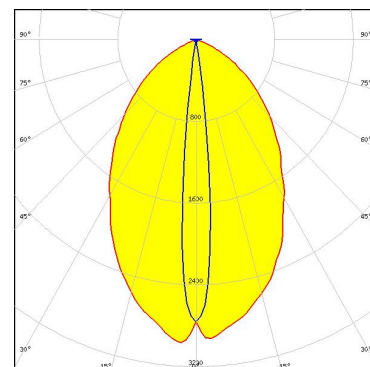
LED LH351B
FWHM / FWTM $67.0 + 10.0^\circ / 126.0 + 17.0^\circ$
Efficiency 94 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LH351C
FWHM / FWTM $71.0 + 11.0^\circ / 126.0 + 18.0^\circ$
Efficiency 94 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):



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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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