

FLARE-B

29 x 23 mm lens with ~100° x 10° oval beam.
Assembly with installation tape.

SPECIFICATION:

Dimensions	29.0 x 22.8 mm
Height	12.8 mm
Fastening	tape, screw
ROHS compliant	yes ⓘ

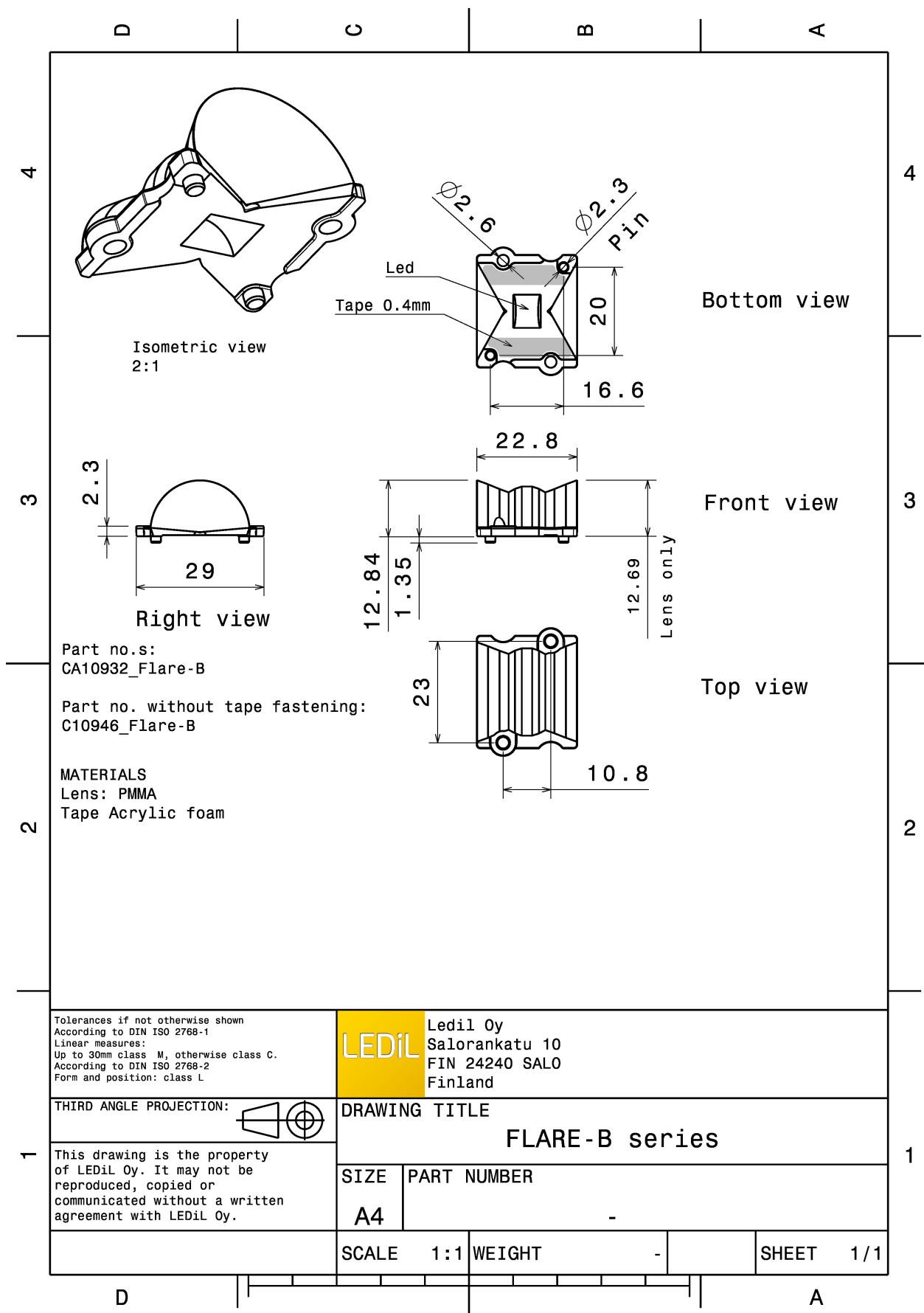


MATERIALS:

Component	Type	Material	Colour	Finish	Length
FLARE-B	Single lens	PMMA	clear		29.0
FLARE-B-TAPE	Tape	Acrylic foam	black		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA10932_FLARE-B	Single lens	2448	288	144	9.8
» Box size: 476 x 273 x 292 mm					

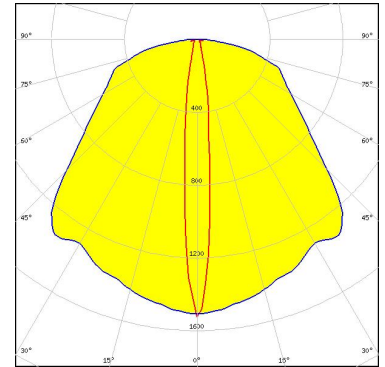


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



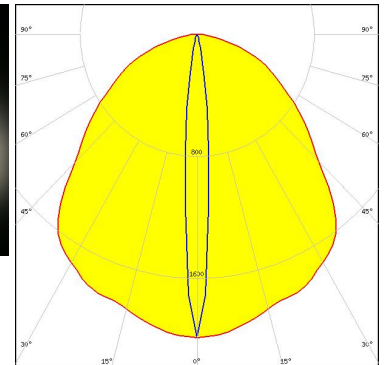
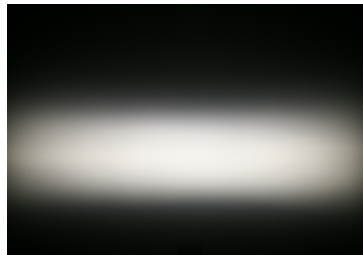
LED XB-D
FWHM / FWTM 10.0 + 108.0° / 30.0 + 167.0°
Efficiency 93 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



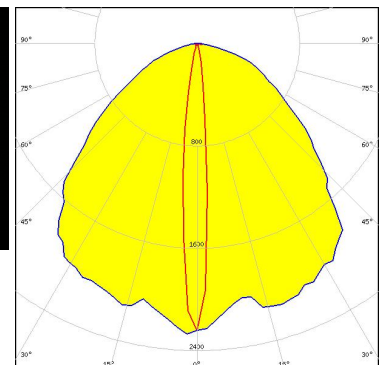
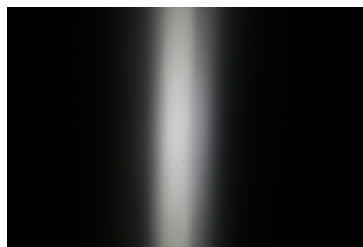
LED XP-E
FWHM / FWTM 102.0 + 10.0° / 154.0 + 26.0°
Efficiency 93 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-E2
FWHM / FWTM 11.0 + 101.0° / 22.0 + 150.0°
Efficiency 94 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

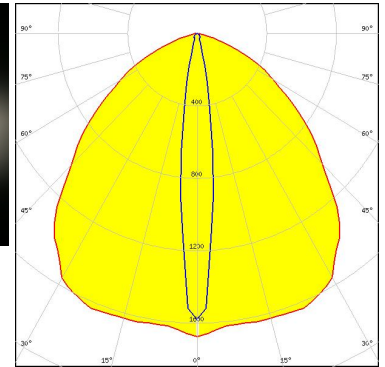
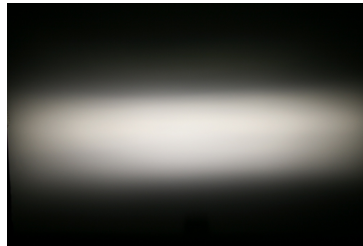


Light distribution files

OPTICAL RESULTS (MEASURED):



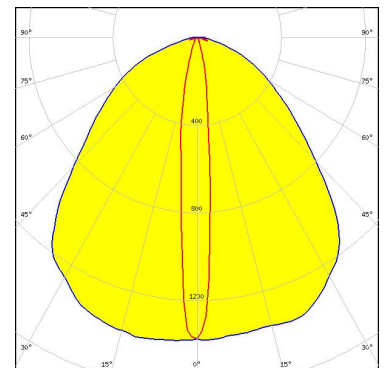
LED LUXEON Rebel
FWHM / FWTM 101.0 + 14.0° / 142.0 + 29.0°
Efficiency 93 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



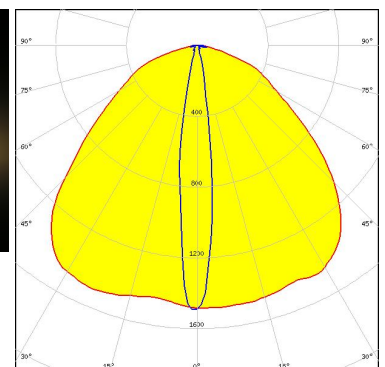
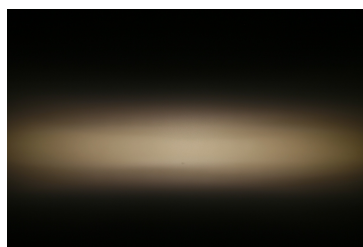
LED LUXEON Rebel ES
FWHM / FWTM 12.0 + 104.0° / 35.0 + 154.0°
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON T
FWHM / FWTM 13.0 + 105.0° / 29.0 + 152.0°
Efficiency 93 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



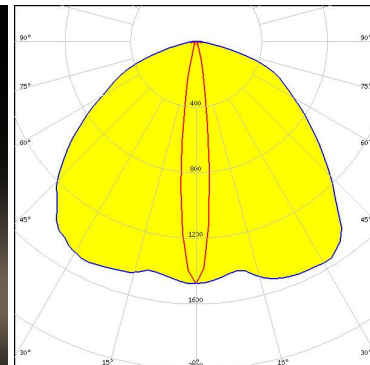
Light distribution files

OPTICAL RESULTS (MEASURED):



LED LUXEON TX
 FWHM / FWTM 14.0 + 114.0° / 29.0 + 156.0°
 Efficiency 93 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files



LED NCSxx19A
 FWHM / FWTM 9.0 + 88.0° / 26.0 + 154.0°
 Efficiency 94 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files

CA10932_FLARE-B (NCSxx19A)



LED NCSxx19B
 FWHM / FWTM 11.0 + 103.0° / 28.0 + 160.0°
 Efficiency 94 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

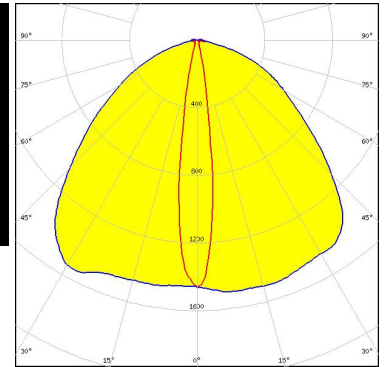
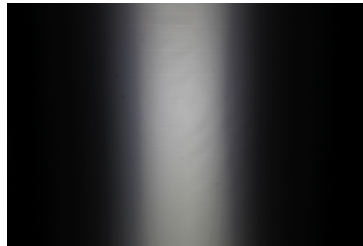
Light distribution files

CA10932_FLARE-B (NCSxx19B)

OPTICAL RESULTS (MEASURED):



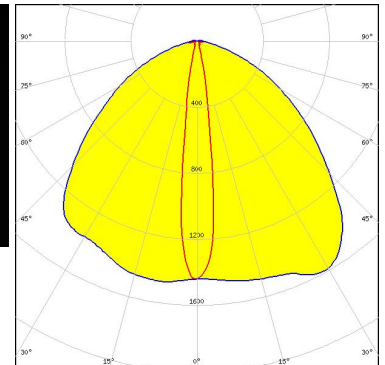
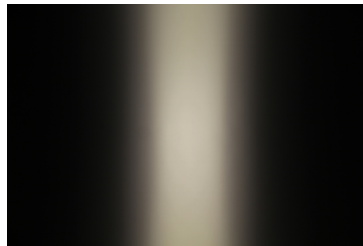
LED NVSW219F
FWHM / FWTM 15.0 + 108.0° / 28.0 + 150.0°
Efficiency 94 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



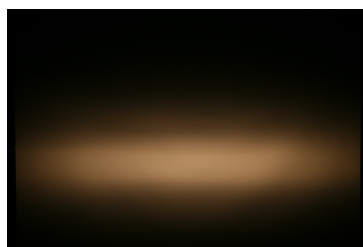
LED NVSxx19B/NVSxx19C
FWHM / FWTM 14.0 + 110.0° / 27.0 + 151.0°
Efficiency 94 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSLOM Square EC
FWHM / FWTM 12.0 + 104.0° / 33.0 + 162.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:

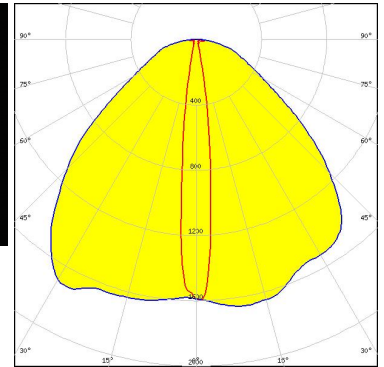
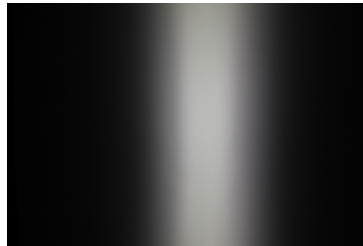


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

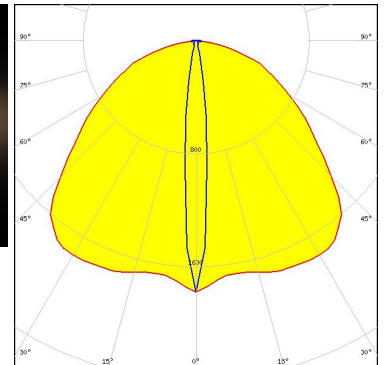
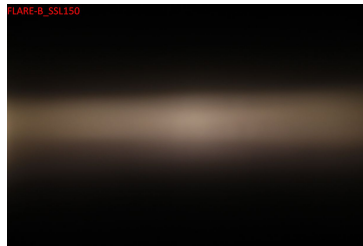
LED OSLON Square EC
FWHM / FWTM 13.0 + 104.0° / 26.0 + 157.0°
Efficiency 94 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

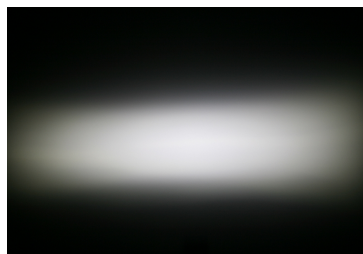
LED OSLON SSL 150
FWHM / FWTM 9.0 + 117.0°
Efficiency 93 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 83.0 + 11.0° / 144.0 + 24.0°
Efficiency 93 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

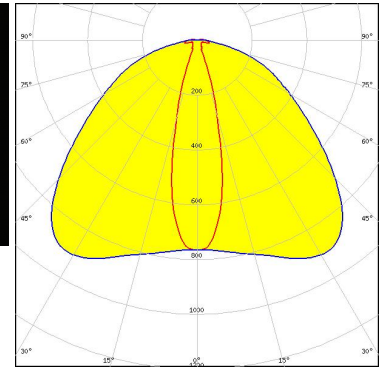
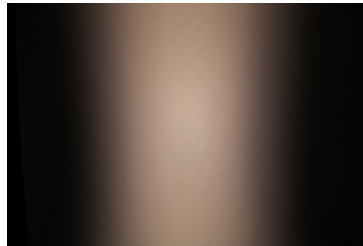


Light distribution files

OPTICAL RESULTS (MEASURED):



LED WICOP 5050
FWHM / FWTM 26.0 + 111.0° / 44.0 + 159.0°
Efficiency 97 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

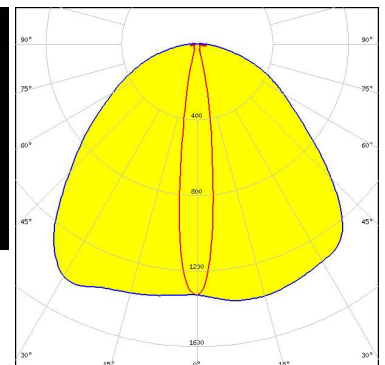
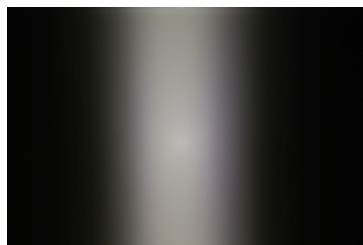


LED Z5
FWHM / FWTM 12.0 + 96.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



LED Z5M3
FWHM / FWTM 15.0 + 108.0° / 30.0 + 161.0°
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (MEASURED):

SHARP

LED Double Dome (GM2BB)
FWHM / FWTM 104.0 + 10.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:

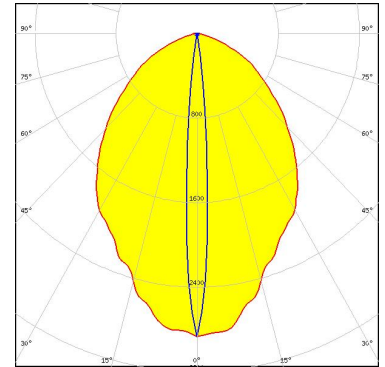


Light distribution files

OPTICAL RESULTS (SIMULATED):



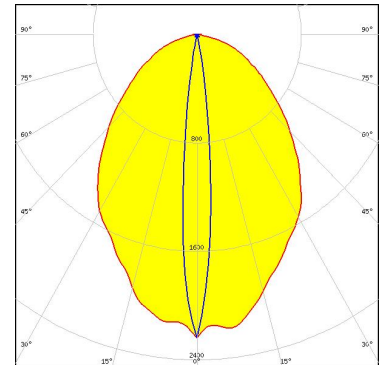
LED XP-E2
FWHM / FWTM 82.0 + 8.0° / 140.0 + 16.0°
Efficiency 97 %
Peak intensity 2.9 cd/Im
LEDs/each optic 1
Light colour/type Blue
Required components:



Light distribution files



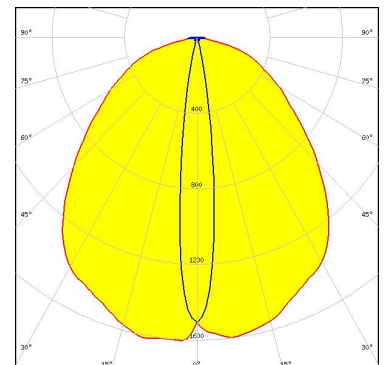
LED XP-G2
FWHM / FWTM 11.0 + 83.0° / 21.0 + 146.0°
Efficiency 94 %
Peak intensity 2.4 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-G3
FWHM / FWTM 99.0 + 14.0° / 153.0 + 26.0°
Efficiency 95 %
Peak intensity 1.6 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:

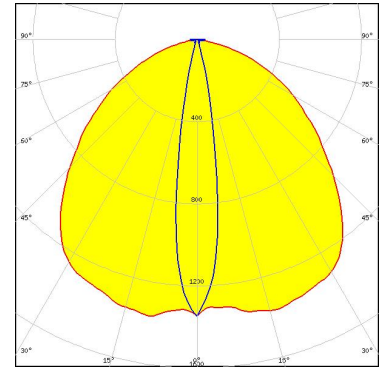


Light distribution files

OPTICAL RESULTS (SIMULATED):



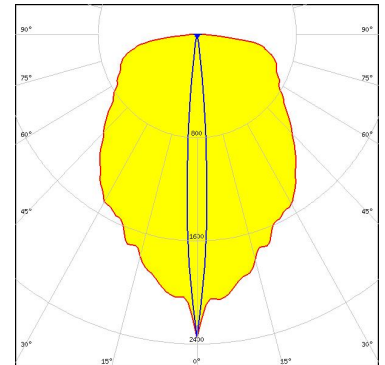
LED	XP-L HD
FWHM / FWTM	106.0 + 16.0° / 151.0 + 30.0°
Efficiency	97 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



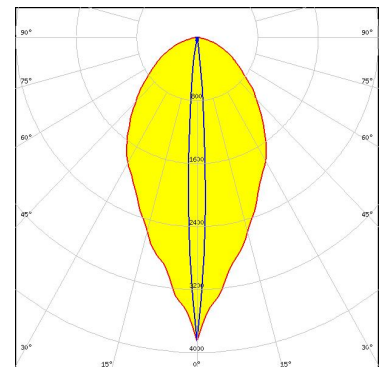
LED	LUXEON C
FWHM / FWTM	83.0 + 8.0° / 169.0 + 16.0°
Efficiency	94 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	Blue
Required components:	



Light distribution files



LED	LUXEON CZ
FWHM / FWTM	6.0 + 54.0° / 15.0 + 134.0°
Efficiency	97 %
Peak intensity	3.9 cd/lm
LEDs/each optic	1
Light colour/type	Red
Required components:	

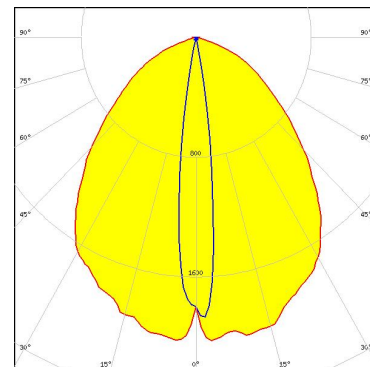


Light distribution files

OPTICAL RESULTS (SIMULATED):



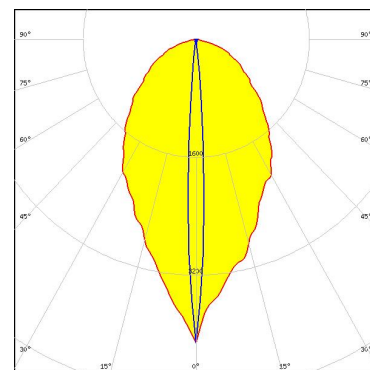
LED LUXEON H50-2
FWHM / FWTM 13.0 + 90.0° / 22.0 + 140.0°
Efficiency 94 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



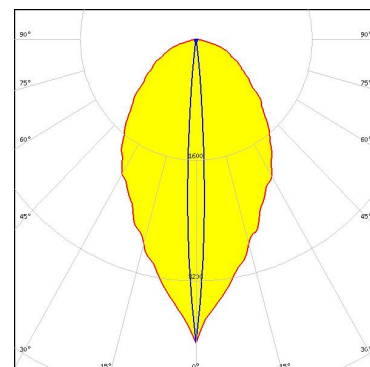
LED LUXEON Rubix
FWHM / FWTM 61.0 + 6.0° / 140.0 + 12.0°
Efficiency 97 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type Green
Required components:



Light distribution files



LED LUXEON Rubix
FWHM / FWTM 62.0 + 6.0° / 141.0 + 13.0°
Efficiency 97 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

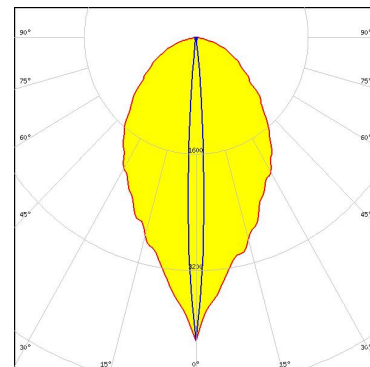


Light distribution files

OPTICAL RESULTS (SIMULATED):



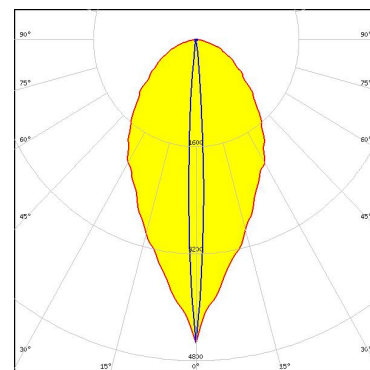
LED LUXEON Rubix
FWHM / FWTM 60.0 + 6.0° / 140.0 + 12.0°
Efficiency 97 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour/type Blue
Required components:



Light distribution files



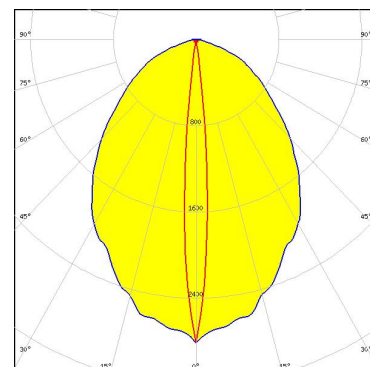
LED LUXEON Rubix
FWHM / FWTM 52.0 + 6.0° / 134.0 + 12.0°
Efficiency 97 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:



Light distribution files



LED LUXEON Z ES
FWHM / FWTM 8.0 + 84.0° / 16.0 + 142.0°
Efficiency 97 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

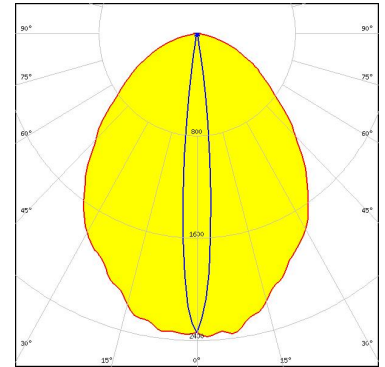


Light distribution files

OPTICAL RESULTS (SIMULATED):



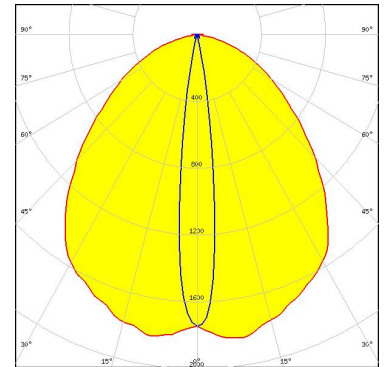
LED SFT-40-WCS
FWHM / FWTM 88.0 + 10.0° / 145.0 + 20.0°
Efficiency 97 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



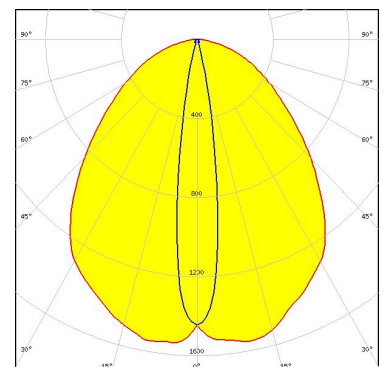
LED SFT-70X-WCS
FWHM / FWTM 96.0 + 14.0° / 148.0 + 23.0°
Efficiency 98 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSCONIQ P 3737 (3W version)
FWHM / FWTM 94.0 + 16.0° / 150.0 + 28.0°
Efficiency 97 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

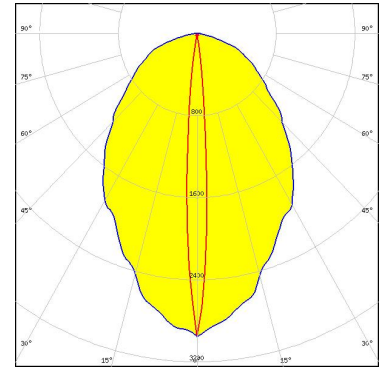


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

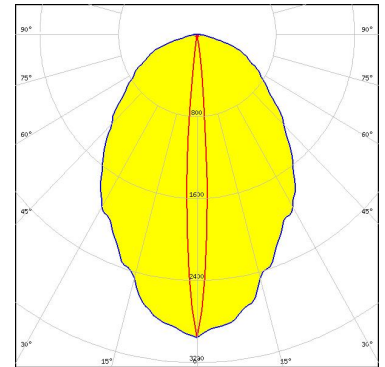
LED OSLON Signal
FWHM / FWTM 8.0 + 79.0° / 16.0 + 148.0°
Efficiency 97 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

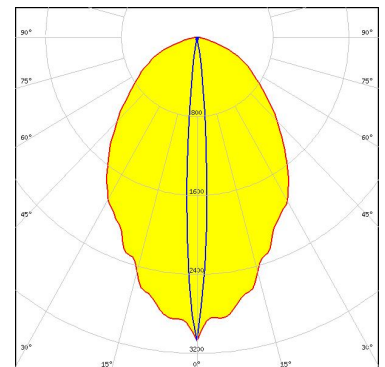
LED OSLON Signal
FWHM / FWTM 8.0 + 80.0° / 14.0 + 148.0°
Efficiency 97 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON Signal
FWHM / FWTM 75.0 + 8.0° / 143.0 + 16.0°
Efficiency 97 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type Blue
Required components:

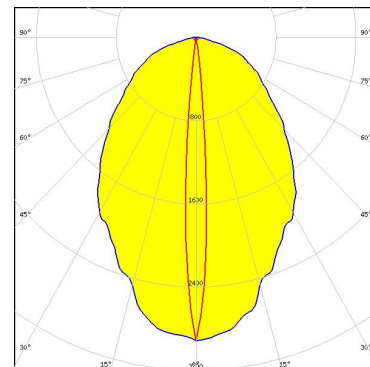


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

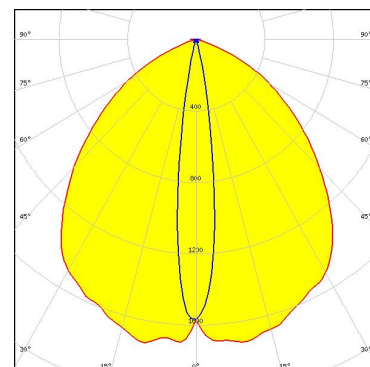
LED OSLON Signal
FWHM / FWTM 8.0 + 81.0° / 15.0 + 148.0°
Efficiency 97 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

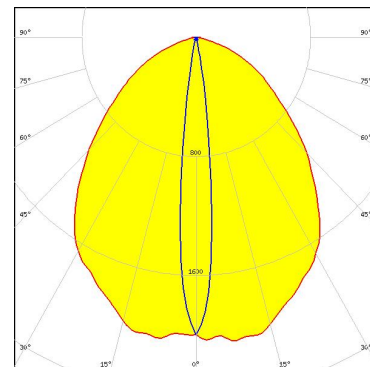
LED LH351C
FWHM / FWTM 97.0 + 16.0° / 137.0 + 27.0°
Efficiency 97 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SEAG
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
FWHM / FWTM 93.0 + 12.0° / 143.0 + 22.0°
Efficiency 97 %
Peak intensity 2.1 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.

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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Local sales and technical support

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where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Poznan, Poland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)