

FLARE-B

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

SPECIFICATION:

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

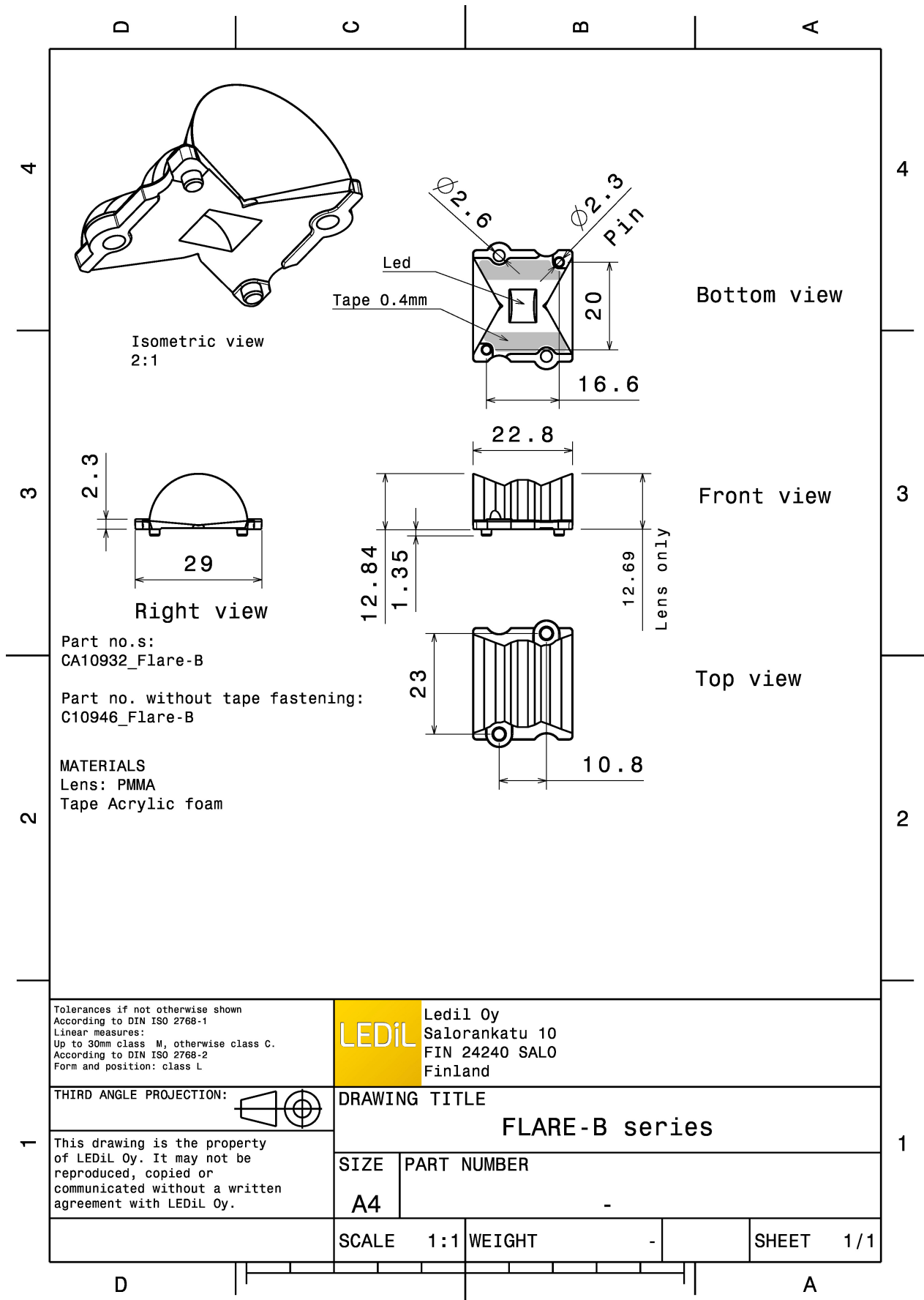


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
FLARE-B	Single lens	PMMA	clear		
FLARE-B-TAPE	Tape	Acrylic foam tape	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					

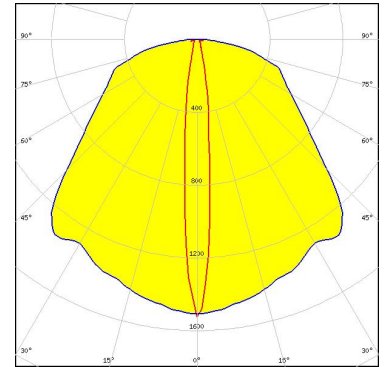


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



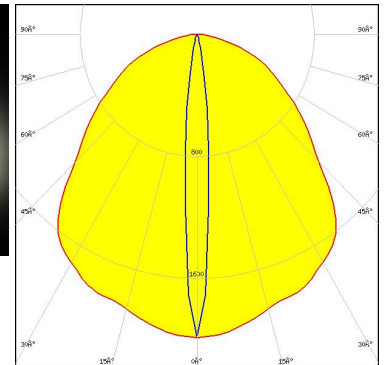
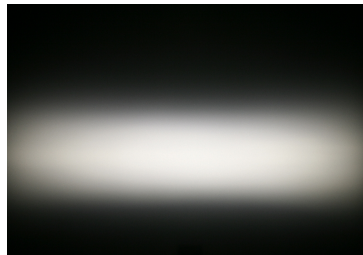
LED XB-D
FWHM / FWTM 10.0 + 108.0° / 30.0 + 167.0°
Efficiency 93 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



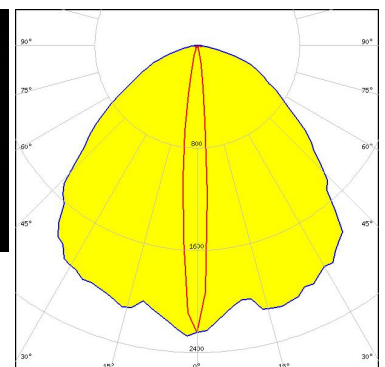
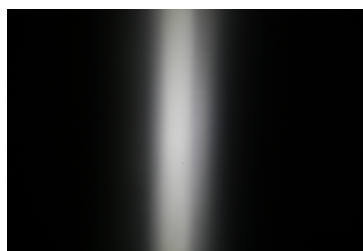
LED XP-E
FWHM / FWTM 102.0 + 10.0° / 154.0 + 26.0°
Efficiency 93 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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:

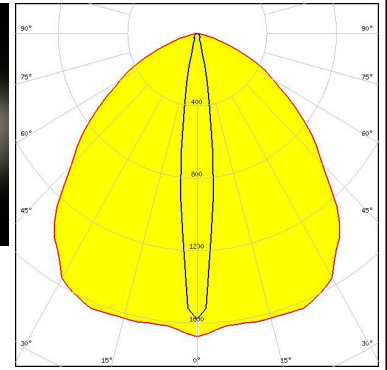


Light distribution files

OPTICAL RESULTS (MEASURED):



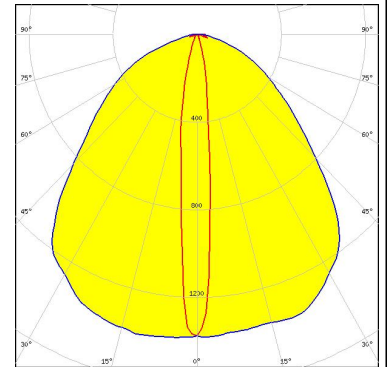
LED LUXEON Rebel
FWHM / FWTM 101.0 + 14.0° / 142.0 + 29.0°
Efficiency 93 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



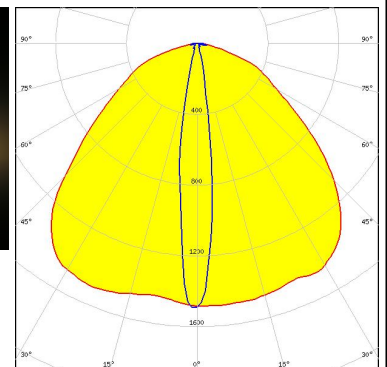
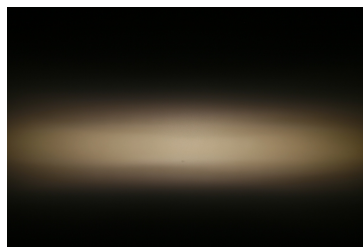
LED LUXEON Rebel ES
FWHM / FWTM 12.0 + 104.0° / 35.0 + 154.0°
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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:

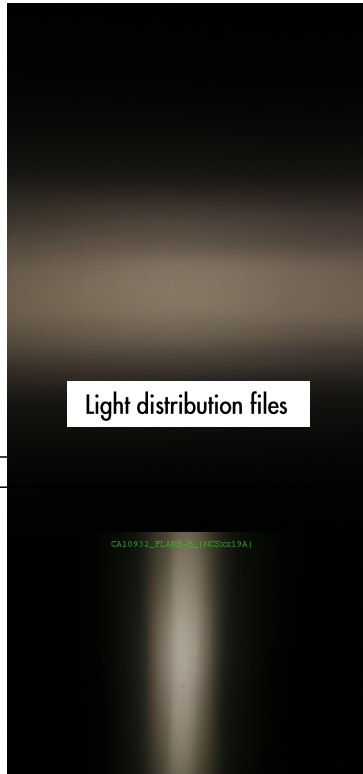


Light distribution files

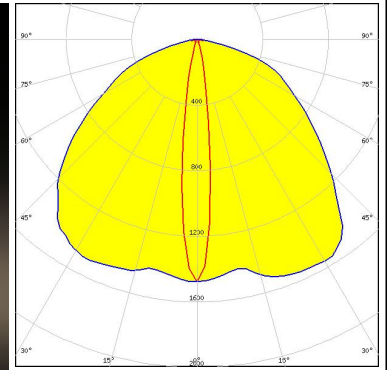
OPTICAL RESULTS (MEASURED):



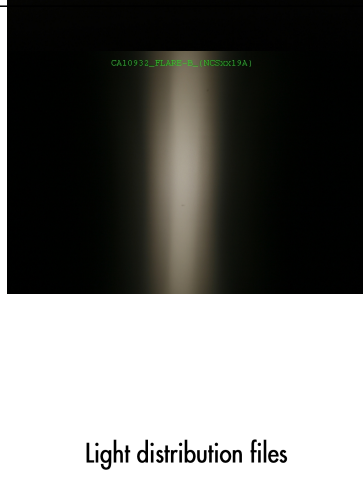
LED LUXEON TX
FWHM / FWTM 14.0 + 114.0° / 29.0 + 156.0°
Efficiency 93 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



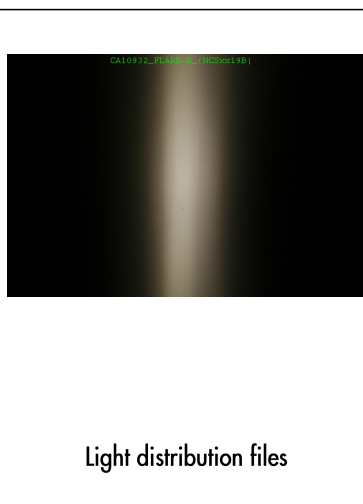
LED NCSxx19A
FWHM / FWTM 9.0 + 88.0° / 26.0 + 154.0°
Efficiency 94 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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:

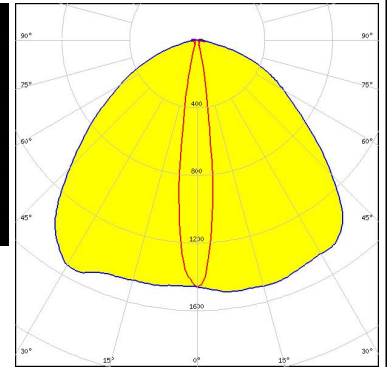
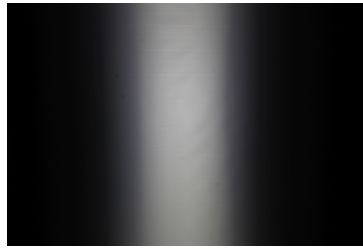


Light distribution files

OPTICAL RESULTS (MEASURED):



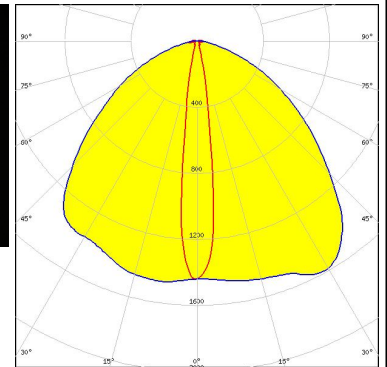
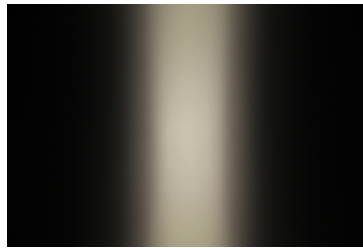
LED NVSW219F
FWHM / FWTM 15.0 + 108.0° / 28.0 + 150.0°
Efficiency 94 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



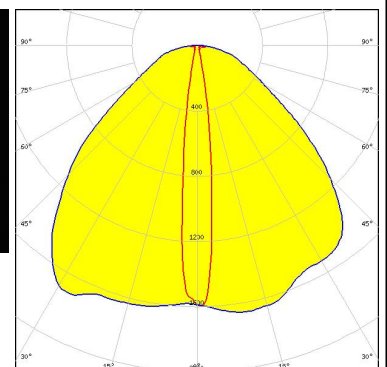
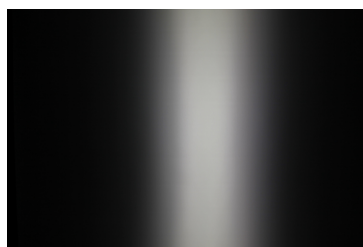
LED NVSxx19B/NVSxx19C
FWHM / FWTM 14.0 + 110.0° / 27.0 + 151.0°
Efficiency 94 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSLOM Square EC
FWHM / FWTM 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:

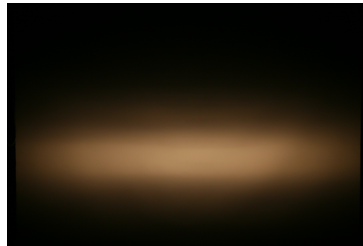


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

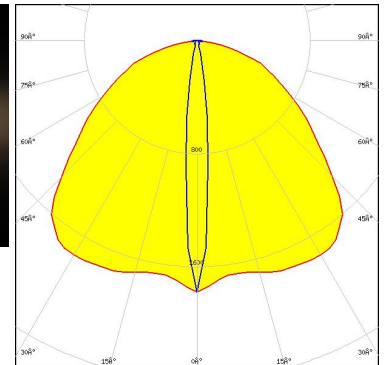
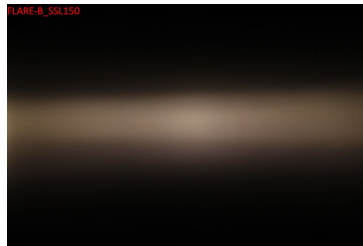
LED OSLON Square EC
FWHM / FWTM 12.0 + 104.0° / 33.0 + 162.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

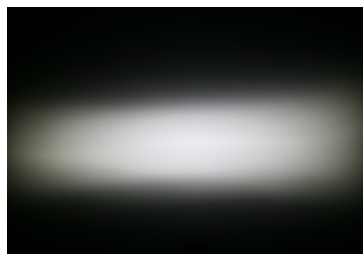
LED OSLON SSL 150
FWHM / FWTM 9.0 + 117.0°
Efficiency 93 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

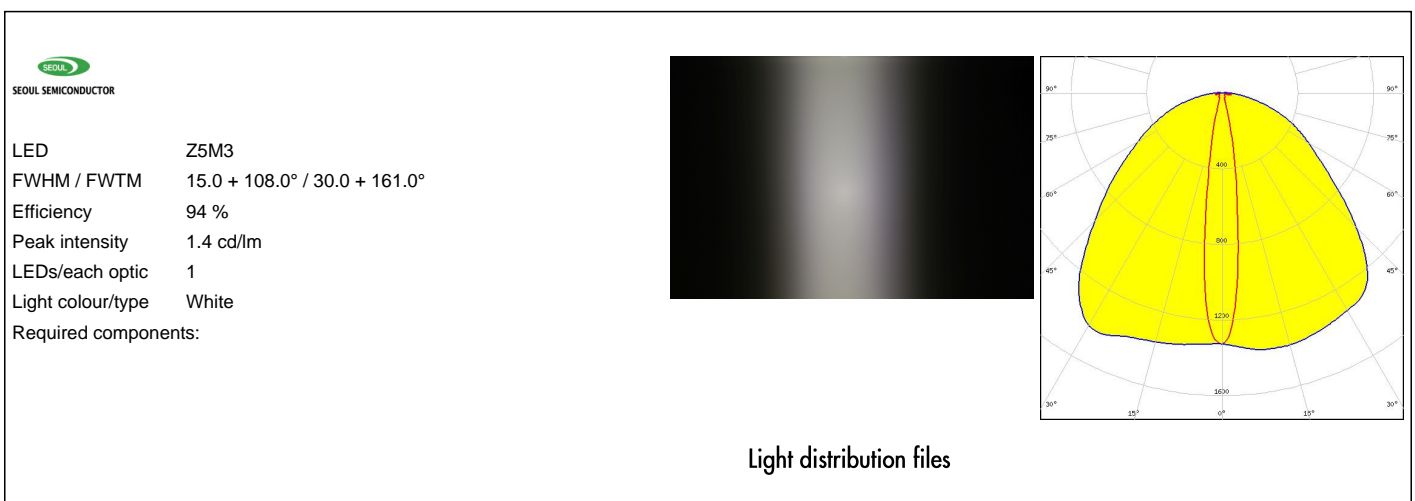
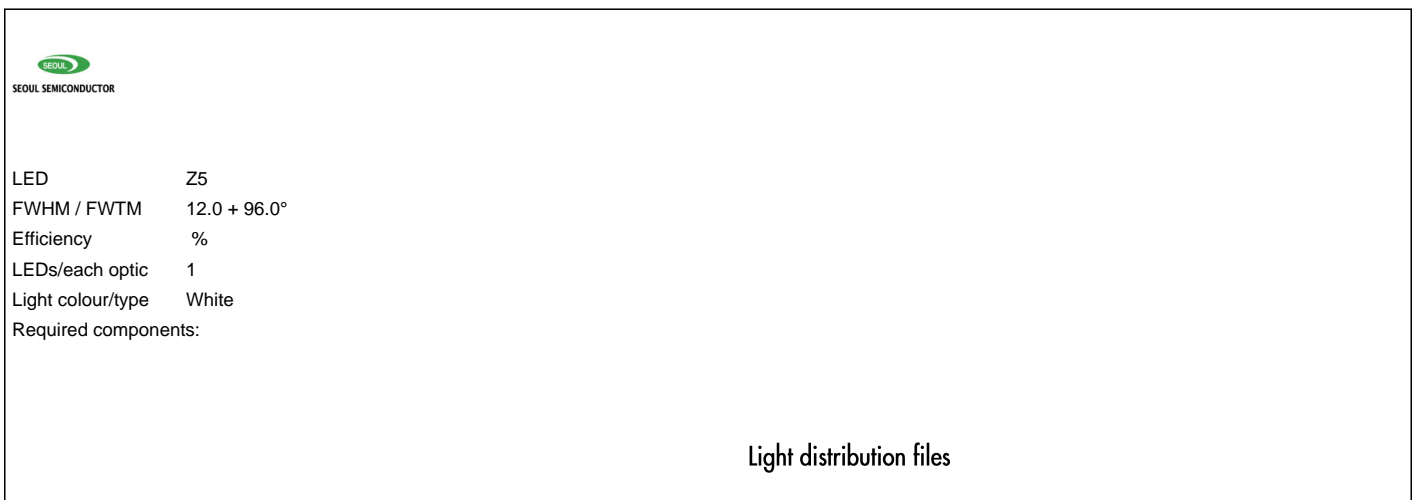
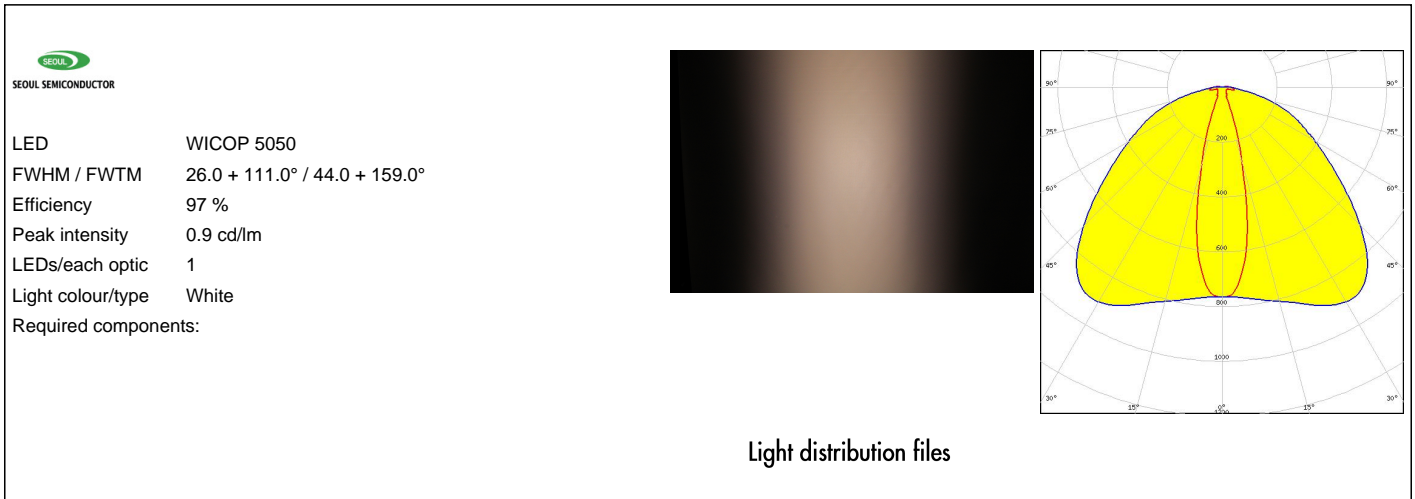
OSRAM
Opto Semiconductors

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):



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:

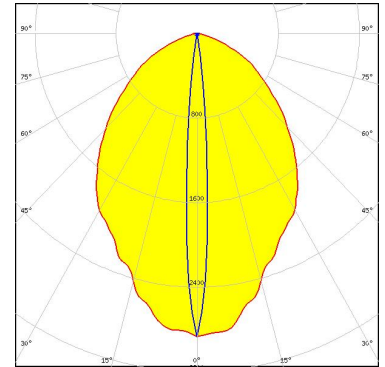


Light distribution files

OPTICAL RESULTS (SIMULATED):



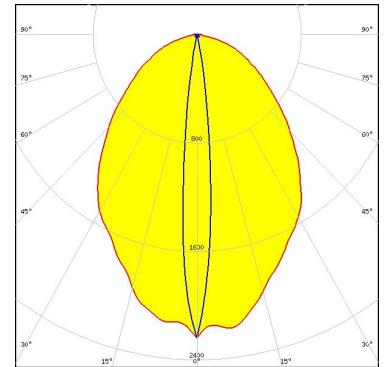
LED XP-E2
FWHM / FWTM 82.0 + 8.0° / 140.0 + 16.0°
Efficiency 97 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type Blue
Required components:



Light distribution files



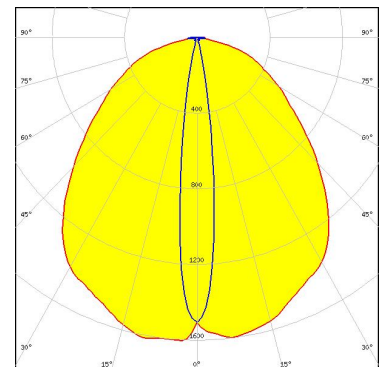
LED XP-G2
FWHM / FWTM 11.0 + 83.0° / 21.0 + 146.0°
Efficiency 94 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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

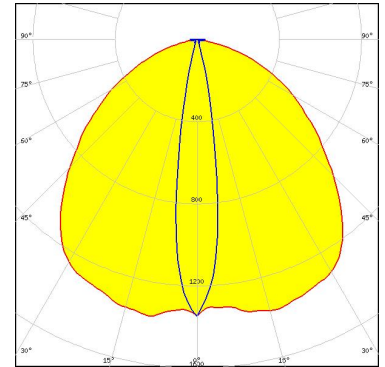


Light distribution files

OPTICAL RESULTS (SIMULATED):



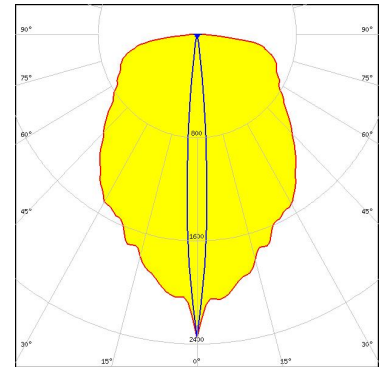
LED XP-L HD
FWHM / FWTM 106.0 + 16.0° / 151.0 + 30.0°
Efficiency 97 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



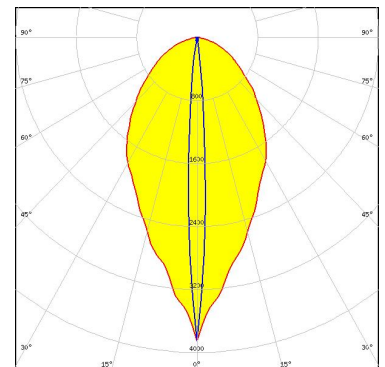
LED LUXEON C
FWHM / FWTM 83.0 + 8.0° / 169.0 + 16.0°
Efficiency 94 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type Blue
Required components:



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:

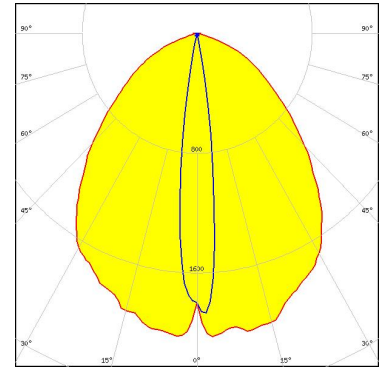


Light distribution files

OPTICAL RESULTS (SIMULATED):



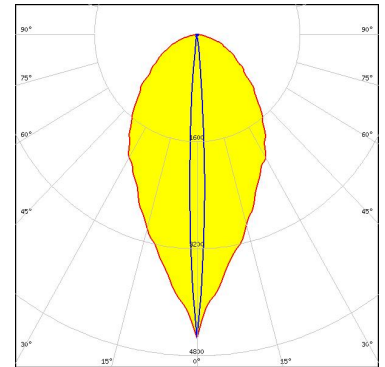
LED LUXEON H50-2
 FWHM / FWTM 13.0 + 90.0° / 22.0 + 140.0°
 Efficiency 94 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



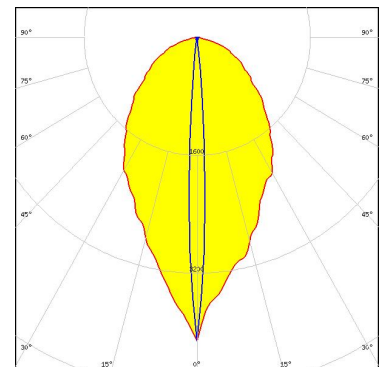
LED LUXEON Rubix
 FWHM / FWTM 52.0 + 6.0° / 134.0 + 12.0°
 Efficiency 97 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour/type Red
 Required components:



Light distribution files



LED LUXEON 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:

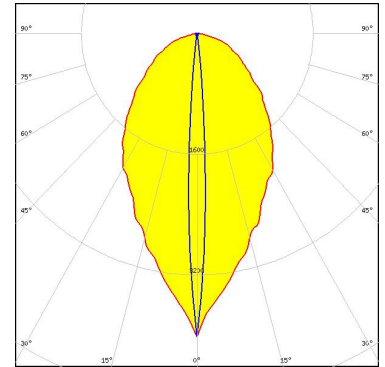


Light distribution files

OPTICAL RESULTS (SIMULATED):



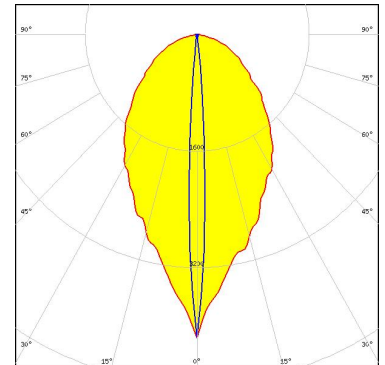
LED LUXEON Rubix
 FWHM / FWTM 62.0 + 6.0° / 141.0 + 13.0°
 Efficiency 97 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



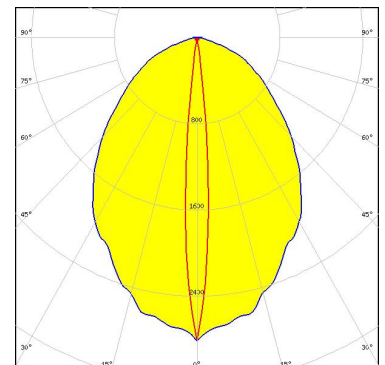
LED LUXEON Rubix
 FWHM / FWTM 60.0 + 6.0° / 140.0 + 12.0°
 Efficiency 97 %
 Peak intensity 4.2 cd/lm
 LEDs/each optic 1
 Light colour/type Blue
 Required components:



Light distribution files



LED LUXEON 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:

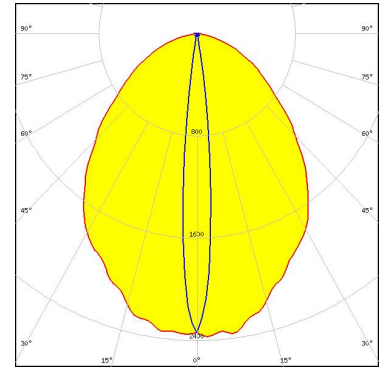


Light distribution files

OPTICAL RESULTS (SIMULATED):



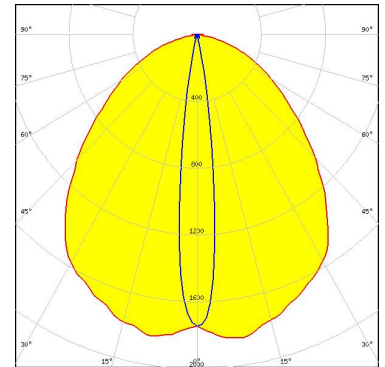
LED SFT-40-WCS
 FWHM / FWTM 88.0 + 10.0° / 145.0 + 20.0°
 Efficiency 97 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



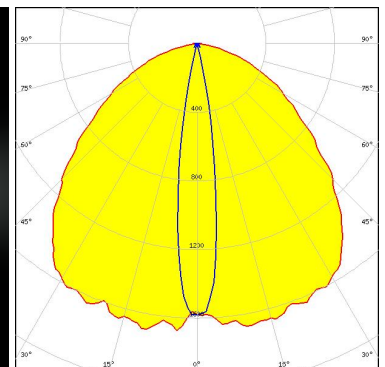
LED SFT-70X-WCS
 FWHM / FWTM 96.0 + 14.0° / 148.0 + 23.0°
 Efficiency 98 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED SFT-70X-WES-Gen2
 FWHM / FWTM 104.0 + 16.0° / 150.0 + 26.0°
 Efficiency 97 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

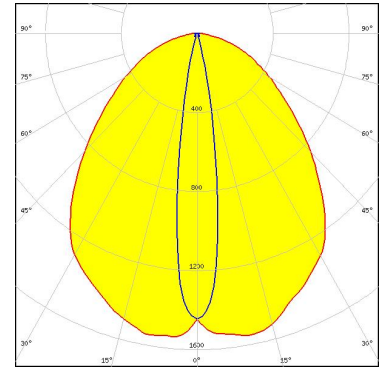


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

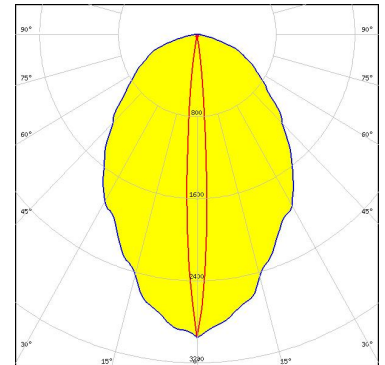
LED OSCONIQ P 3737 (3W version)
 FWHM / FWTM 94.0 + 16.0° / 150.0 + 28.0°
 Efficiency 97 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

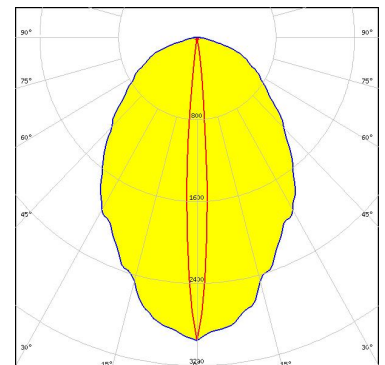
LED OSLON Signal
 FWHM / FWTM 8.0 + 79.0° / 16.0 + 148.0°
 Efficiency 97 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



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:

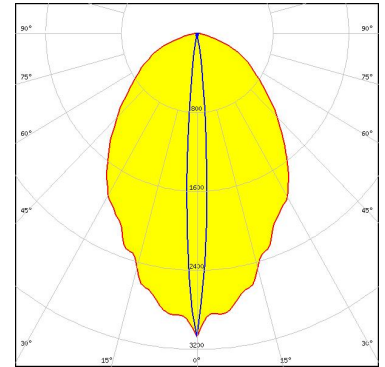


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

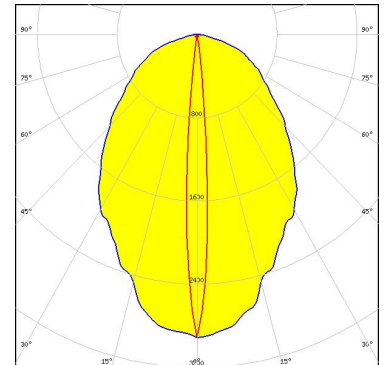
LED OSLON Signal
 FWHM / FWTM 75.0 + 8.0° / 143.0 + 16.0°
 Efficiency 97 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour/type Blue
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

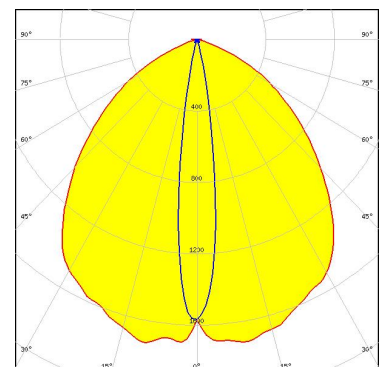
LED OSLON Signal
 FWHM / FWTM 8.0 + 81.0° / 15.0 + 148.0°
 Efficiency 97 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



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:

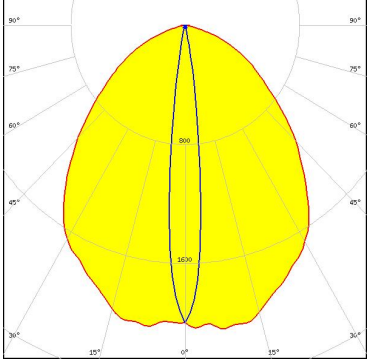


Light distribution files

OPTICAL RESULTS (SIMULATED):

 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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LEDiL Oy

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P.R.CHINA

Local sales and technical support

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

Shipping locations

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Hong Kong, China

Distribution Partners

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