

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 ⓘ

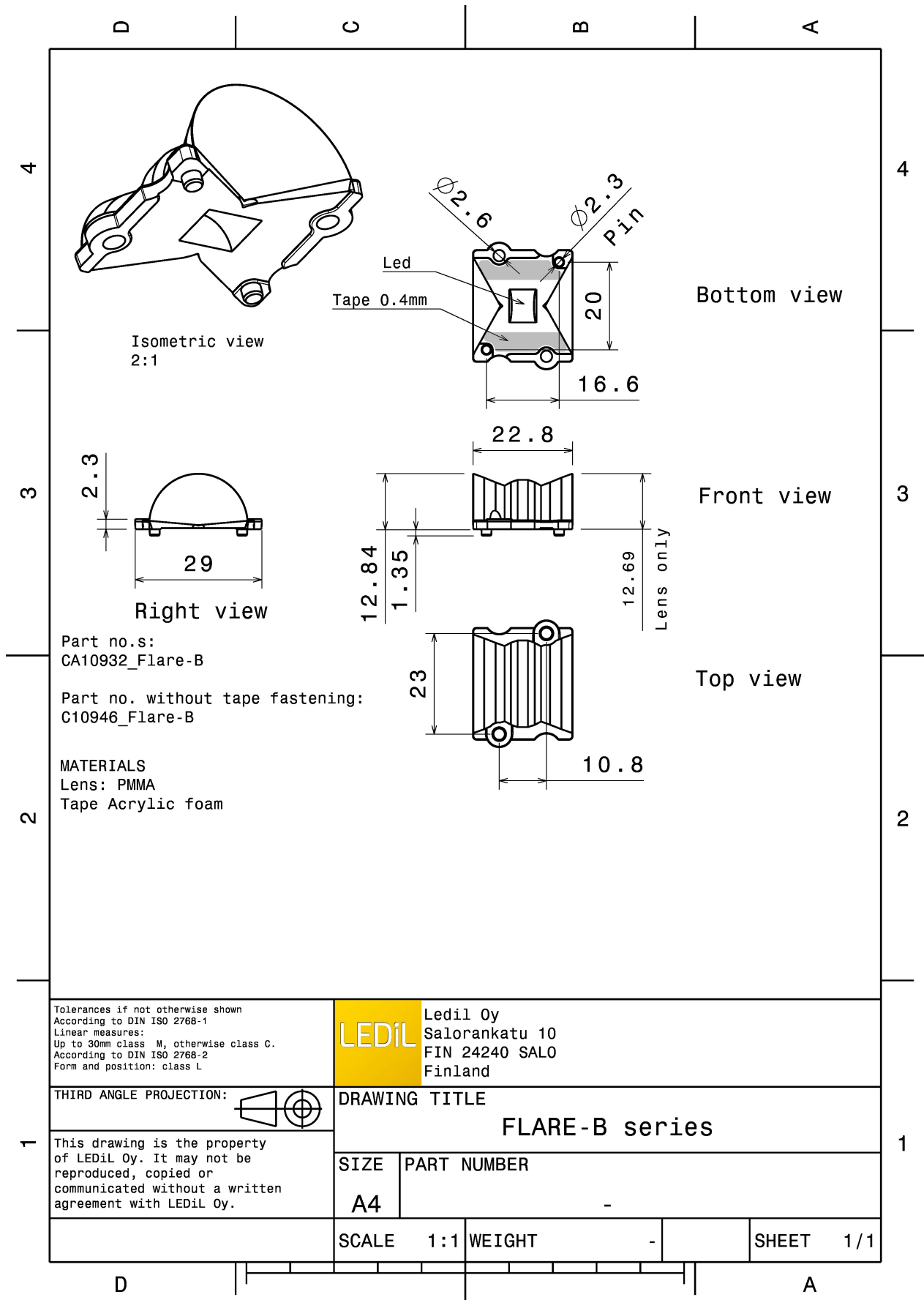


MATERIALS:

Component	Type	Material	Colour	Finish
FLARE-B	Single lens	PMMA	clear	
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					

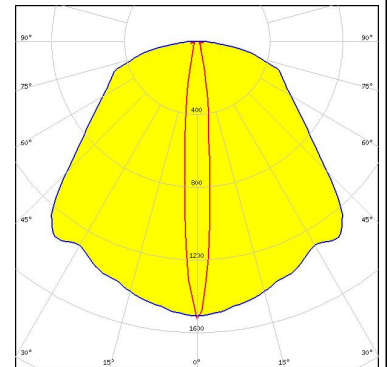


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

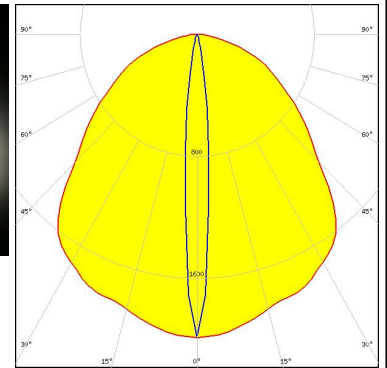
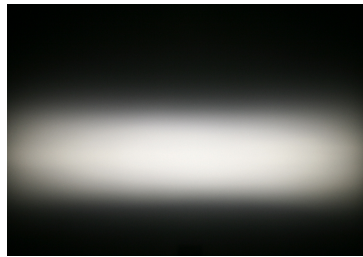
CREE LED

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



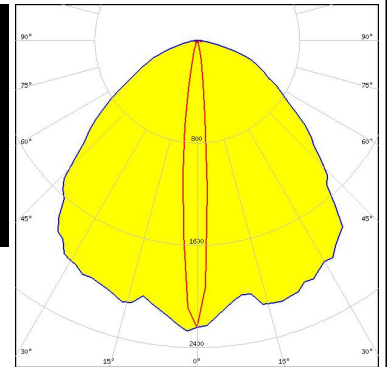
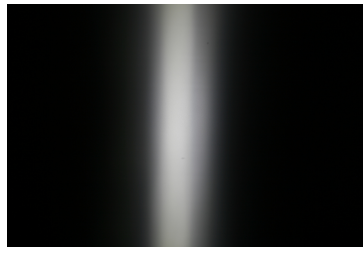
CREE LED

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



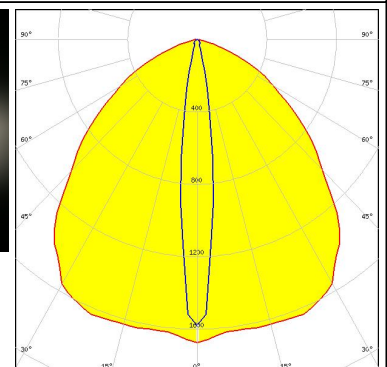
CREE LED

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



LUMILEDS

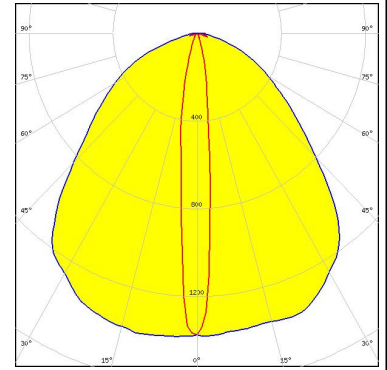
LED LUXEON Rebel
 FWHM / FWTM 101.0 + 14.0° / 142.0 + 29.0°
 Efficiency 93 %
 Peak intensity 1.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

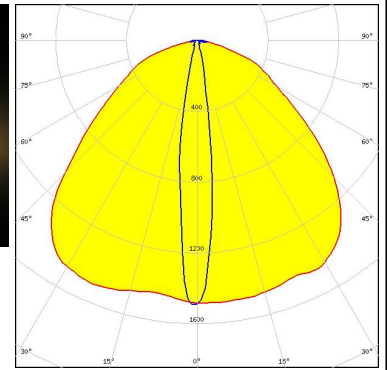
LUMILEDS

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 White
 Required components:



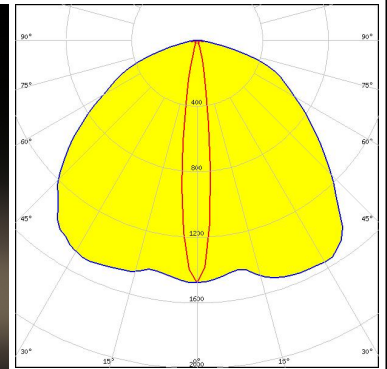
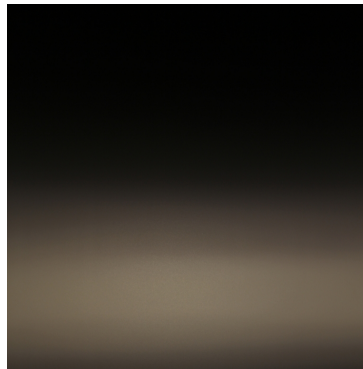
LUMILEDS

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 White
 Required components:



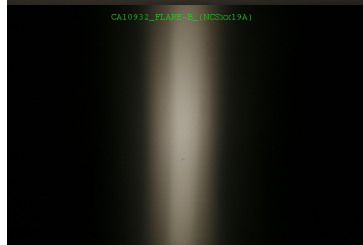
LUMILEDS

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 White
 Required components:



NICHIA

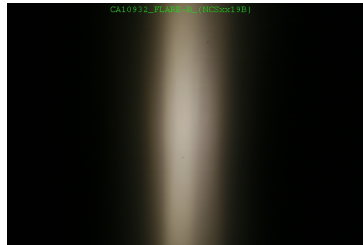
LED NCSxx19A
 FWHM / FWTM 9.0 + 88.0° / 26.0 + 154.0°
 Efficiency 94 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



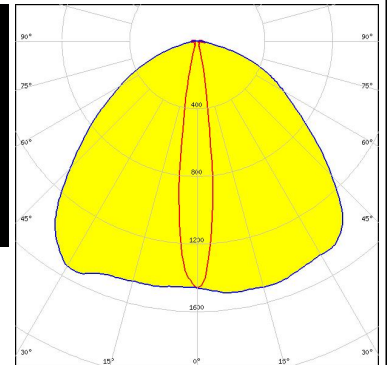
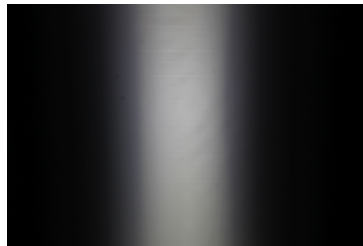
OPTICAL RESULTS (MEASURED):



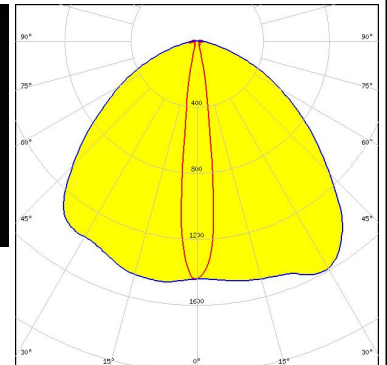
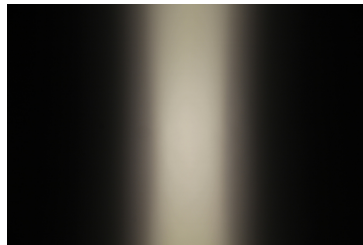
LED NCSxx19B
 FWHM / FWTM 11.0 + 103.0° / 28.0 + 160.0°
 Efficiency 94 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



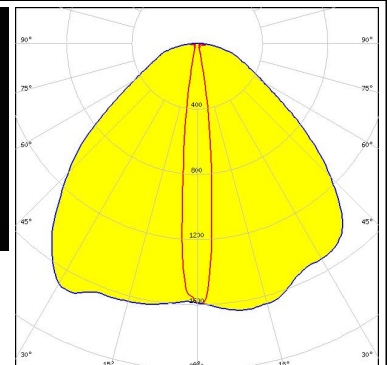
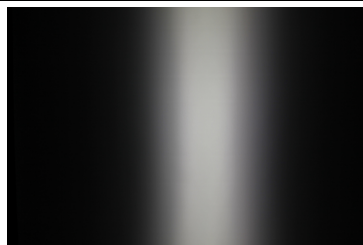
LED NVSW219F
 FWHM / FWTM 15.0 + 108.0° / 28.0 + 150.0°
 Efficiency 94 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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 White
 Required components:



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 White
 Required components:



OPTICAL RESULTS (MEASURED):

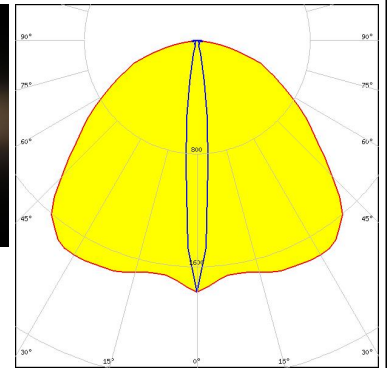
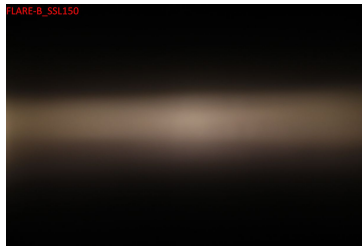
OSRAM
Opto Semiconductors

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



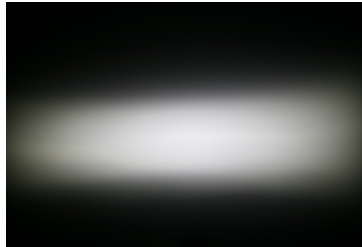
OSRAM
Opto Semiconductors

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



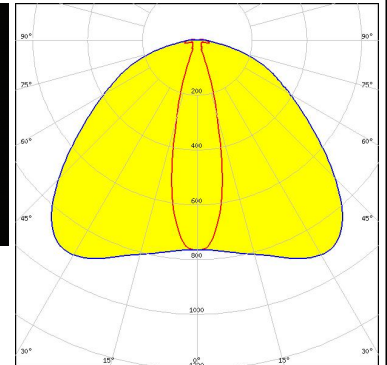
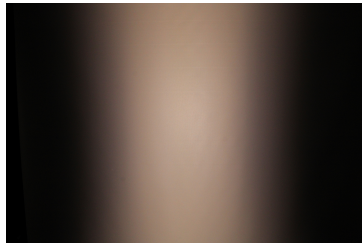
OSRAM
Opto Semiconductors

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 White
Required components:




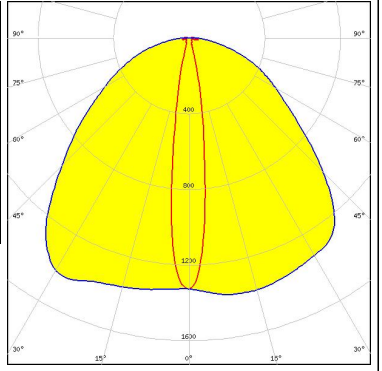



SEOL
SEOUL SEMICONDUCTOR

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 White
Required components:



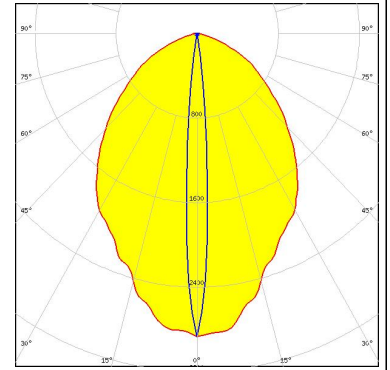
OPTICAL RESULTS (MEASURED):

<p> SEUL SEMICONDUCTOR</p> <p>LED Z5 FWHM / FWTM 12.0 + 96.0° Efficiency % LEDs/each optic 1 Light colour White Required components:</p>	
<p> SEUL SEMICONDUCTOR</p> <p>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 White Required components:</p>	 
<p>SHARP</p> <p>LED Double Dome (GM2BB) FWHM / FWTM 104.0 + 10.0° Efficiency % LEDs/each optic 1 Light colour White Required components:</p>	

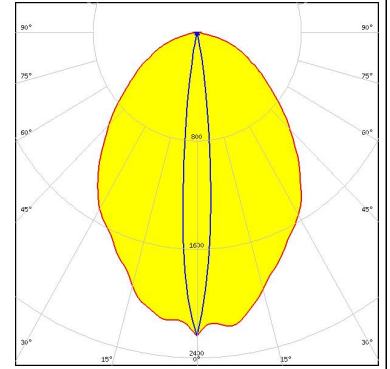
OPTICAL RESULTS (SIMULATED):



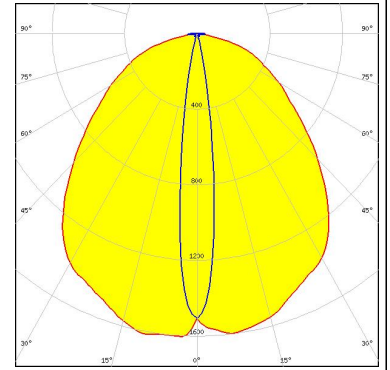
LED XP-E2
Assembly NULL
FWHM / FWTM 82.0 + 8.0° / 140.0 + 16.0°
Efficiency 97 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour Blue
Required components:



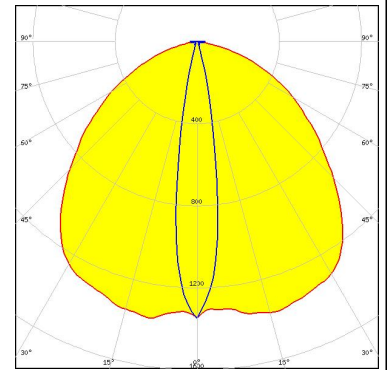
LED XP-G2
FWHM / FWTM 11.0 + 83.0° / 21.0 + 146.0°
Efficiency 94 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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 White
Required components:



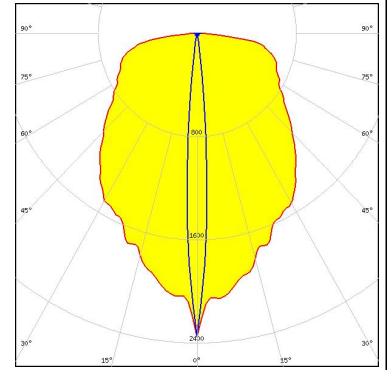
LED XP-L HD
FWHM / FWTM 106.0 + 16.0° / 151.0 + 30.0°
Efficiency 97 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

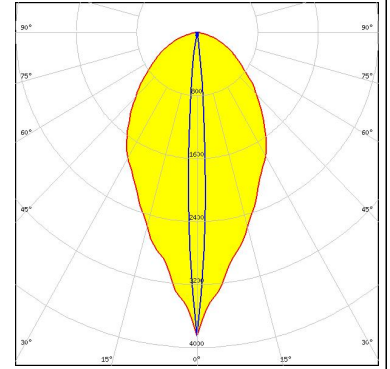
LUMILEDS

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



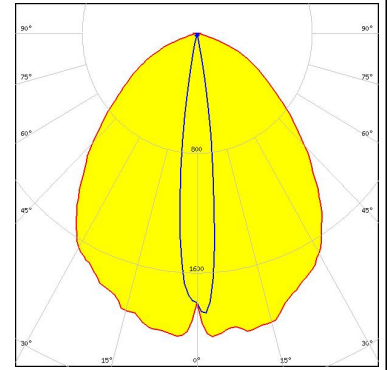
LUMILEDS

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 Red
 Required components:



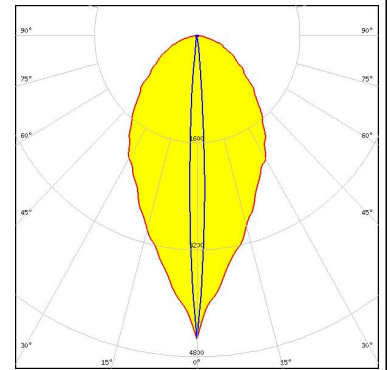
LUMILEDS

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 White
 Required components:



LUMILEDS

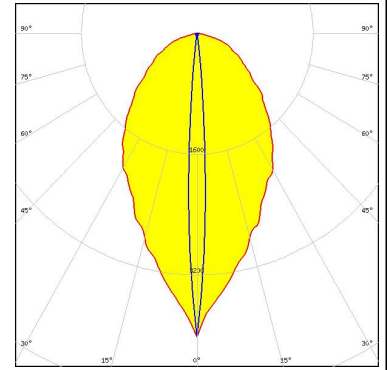
LED LUXEON Rubix
 FWHM / FWTM 52.0 + 6.0° / 134.0 + 12.0°
 Efficiency 97 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour Red
 Required components:



OPTICAL RESULTS (SIMULATED):

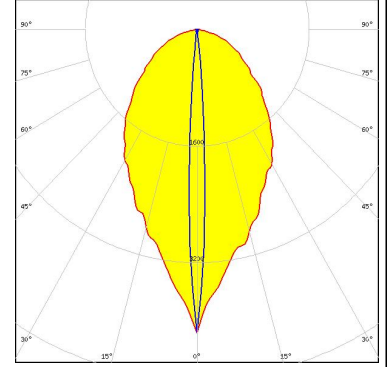
LUMILEDS

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 White
 Required components:



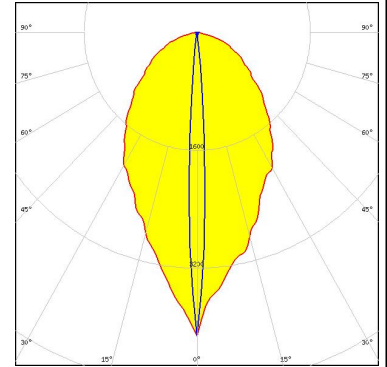
LUMILEDS

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 Blue
 Required components:



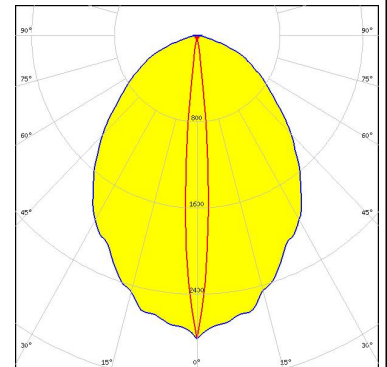
LUMILEDS

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 Green
 Required components:

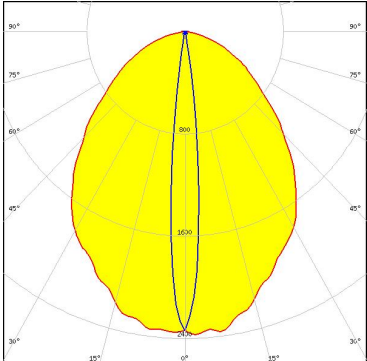
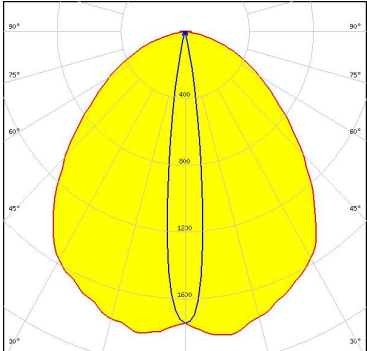
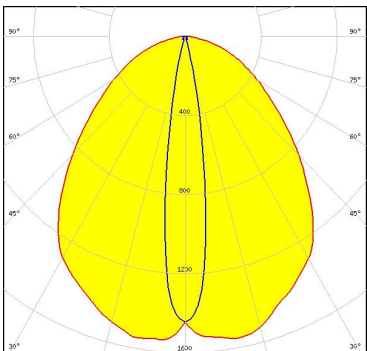
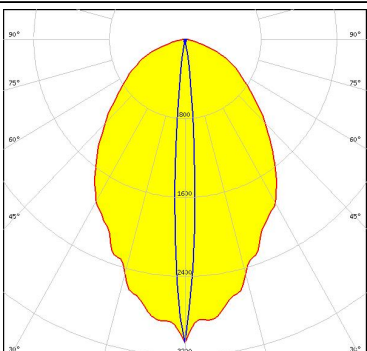


LUMILEDS

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 White
 Required components:



OPTICAL RESULTS (SIMULATED):

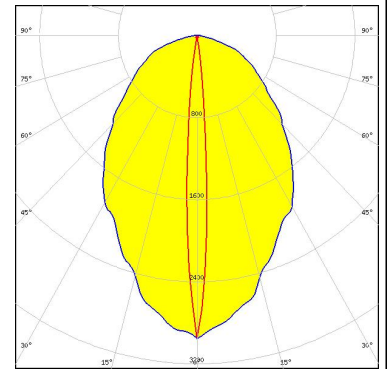
<p>LUMINUS</p> <p>LED SFT-40-WCS FWHM / FWTM 88.0 + 10.0° / 145.0 + 20.0° Efficiency 97 % Peak intensity 2.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMINUS</p> <p>LED SFT-70X-WCS FWHM / FWTM 96.0 + 14.0° / 148.0 + 23.0° Efficiency 98 % Peak intensity 1.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>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 White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOX Signal Assembly NULL FWHM / FWTM 75.0 + 8.0° / 143.0 + 16.0° Efficiency 97 % Peak intensity 3.1 cd/lm LEDs/each optic 1 Light colour Blue Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

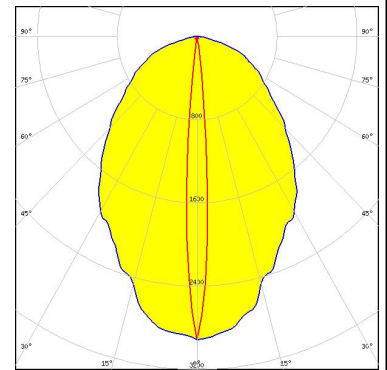
LED OSLON Signal
 FWHM / FWTM 8.0 + 79.0° / 16.0 + 148.0°
 Efficiency 97 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

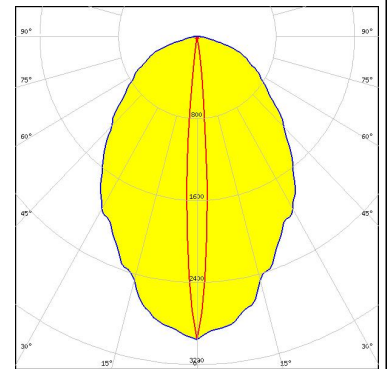
LED OSLON Signal
 FWHM / FWTM 8.0 + 81.0° / 15.0 + 148.0°
 Efficiency 97 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

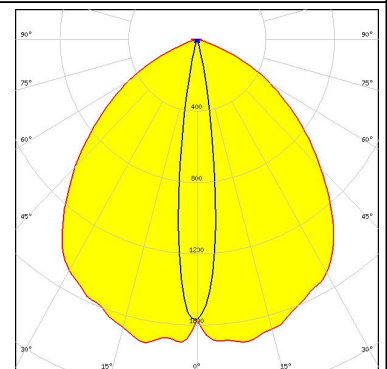
Opto Semiconductors

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 White
 Required components:



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 White
 Required components:



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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LEDiL Oy

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