

FLARE-MAXI-D

34 x 33 mm lens with ~110° x 15° diffused oval beam

SPECIFICATION:

Dimensions	33.9 x 33.3 mm
Height	16.5 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

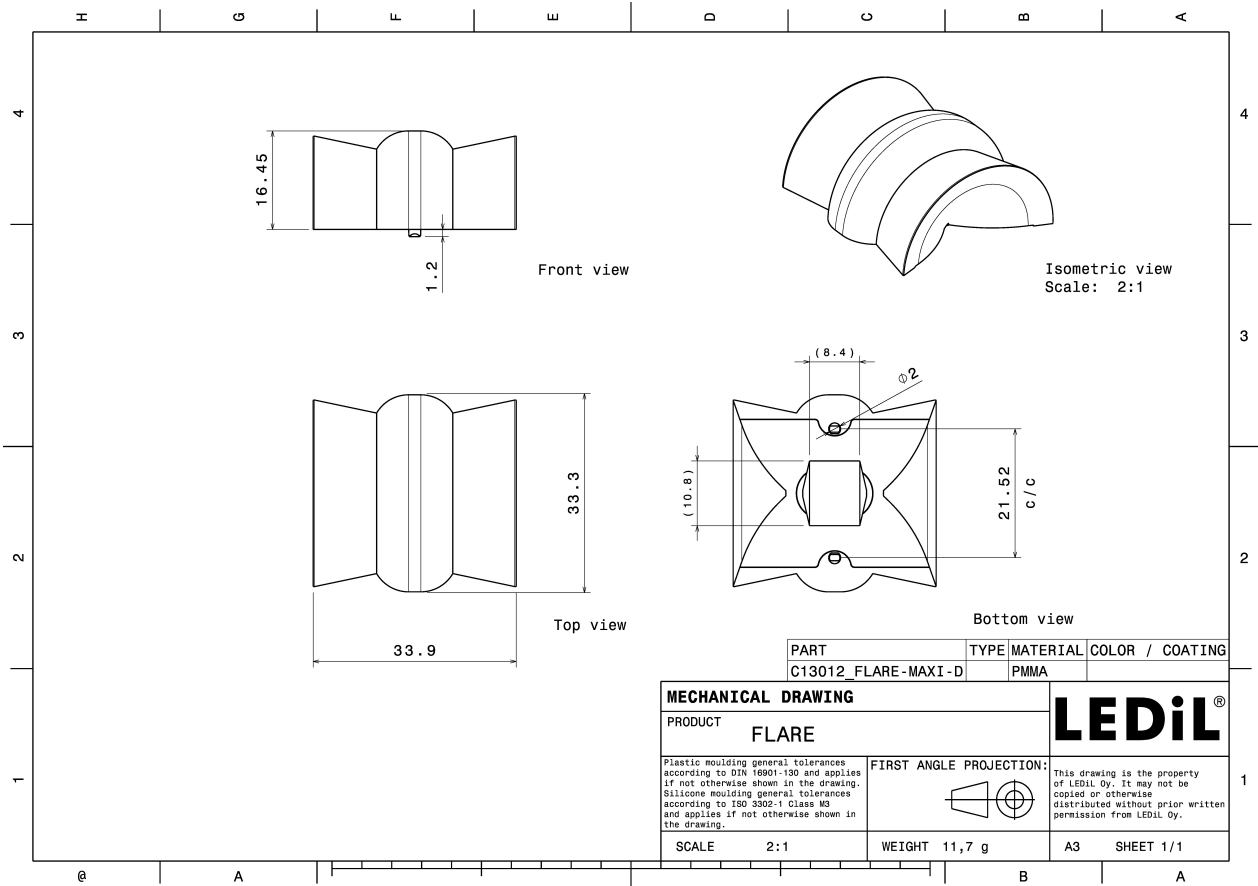


MATERIALS:

Component	Type	Material	Colour	Finish	Length
FLARE-MAXI-D	Single lens	PMMA	clear		33.9

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13012_FLARE-MAXI-D » Box size: 451 x 254 x 197 mm	840		168	9.7

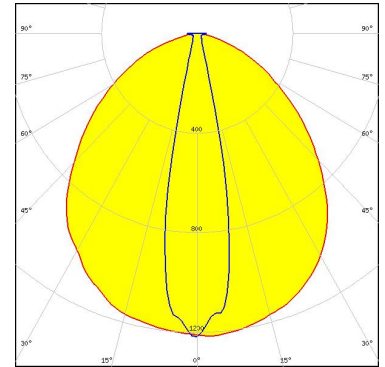


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



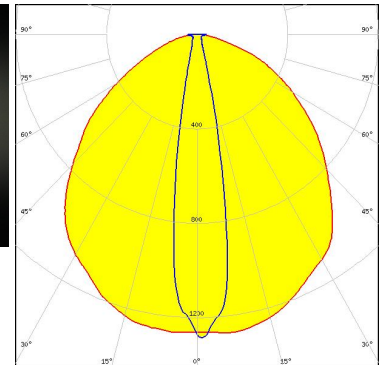
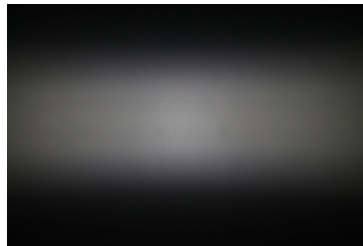
LED MK-R
FWHM / FWTM 100.0 + 23.0° / 148.0 + 36.0°
Efficiency 92 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



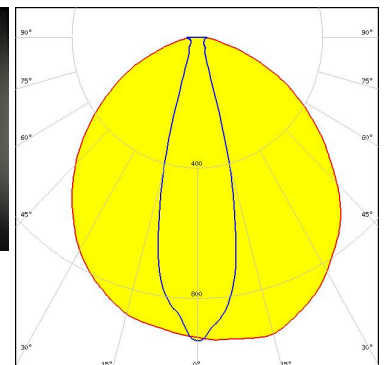
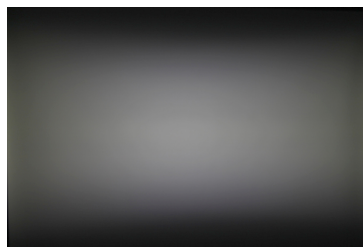
LED XHP50
FWHM / FWTM 104.0 + 19.0° / 151.0 + 35.0°
Efficiency 92 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XHP70
FWHM / FWTM 104.0 + 28.0° / 153.0 + 44.0°
Efficiency 92 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

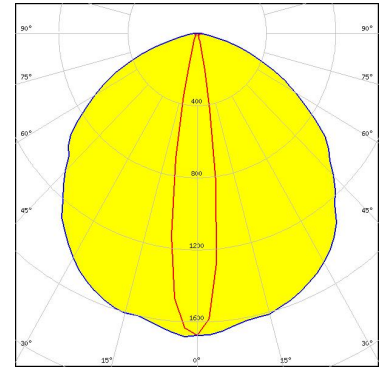


Light distribution files

OPTICAL RESULTS (MEASURED):



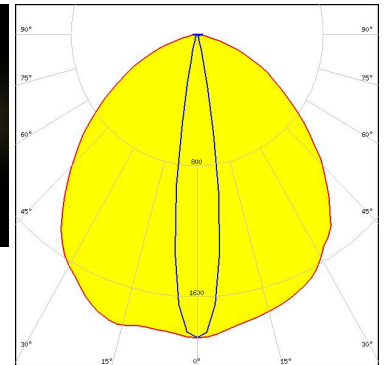
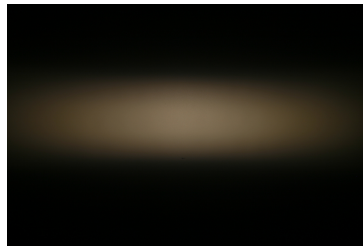
LED XM-L
FWHM / FWTM 110.0 + 15.0° / 151.0 + 27.0°
Efficiency 94 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



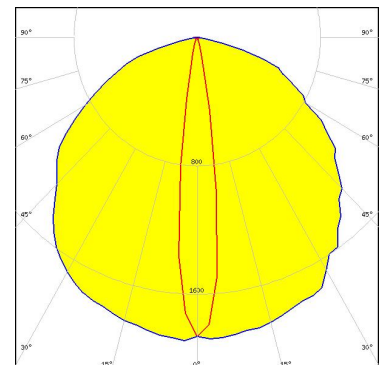
LED XM-L2
FWHM / FWTM 101.0 + 17.0° / 146.0 + 28.0°
Efficiency 94 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-G
FWHM / FWTM 115.0 + 15.0° / 155.0 + 23.0°
Efficiency 94 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

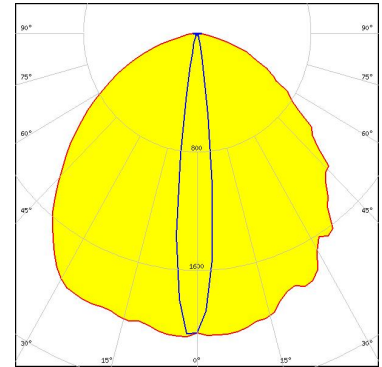


Light distribution files

OPTICAL RESULTS (MEASURED):



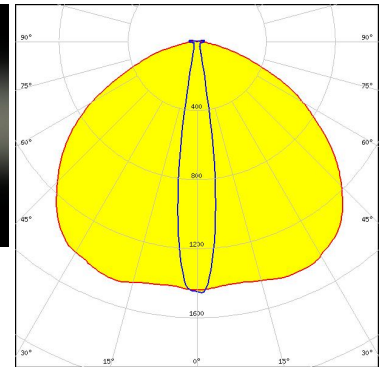
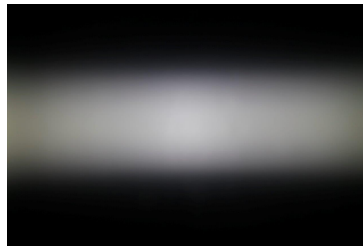
LED XP-G2
FWHM / FWTM 106.0 + 14.0° / 150.0 + 24.0°
Efficiency 94 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



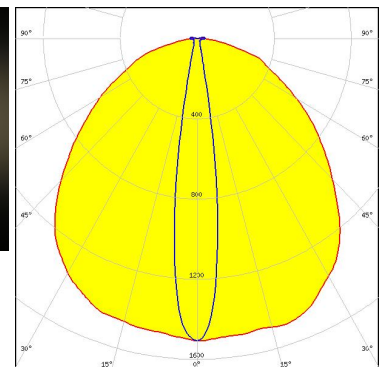
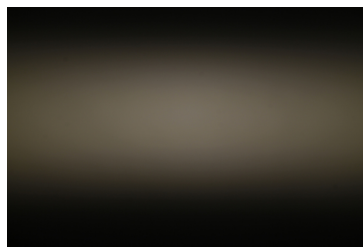
LED XP-L HD
FWHM / FWTM 119.0 + 16.0° / 154.0 + 27.0°
Efficiency 94 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-L2
FWHM / FWTM 107.0 + 16.0° / 159.0 + 28.0°
Efficiency 94 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

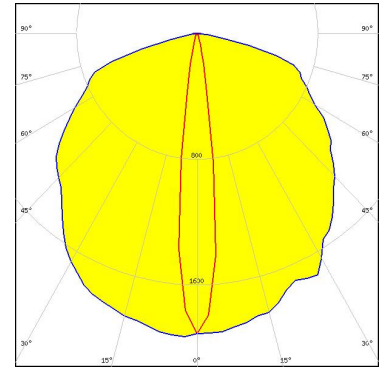


Light distribution files

OPTICAL RESULTS (MEASURED):



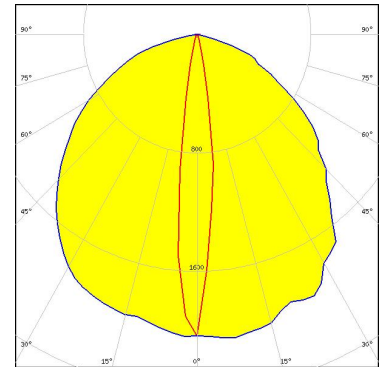
LED XT-E
 FWHM / FWTM 117.0 + 14.0° / 159.0 + 26.0°
 Efficiency 94 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



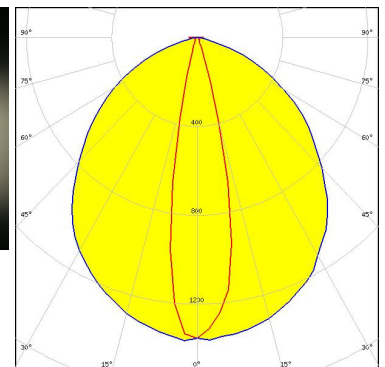
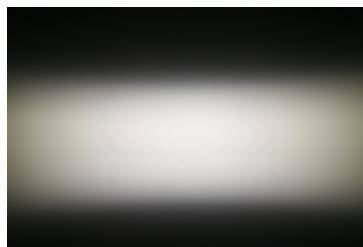
LED LUXEON A
 FWHM / FWTM 104.0 + 12.0° / 147.0 + 25.0°
 Efficiency 94 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON M/MX
 FWHM / FWTM 102.0 + 25.0° / 146.0 + 39.0°
 Efficiency 94 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

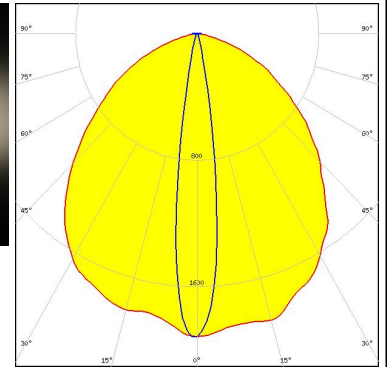
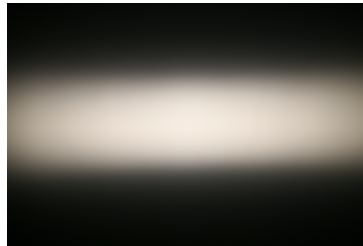


Light distribution files

OPTICAL RESULTS (MEASURED):



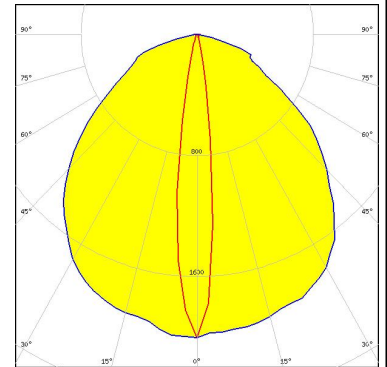
LED LUXEON MZ
FWHM / FWTM 101.0 + 16.0° / 146.0 + 27.0°
Efficiency 94 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



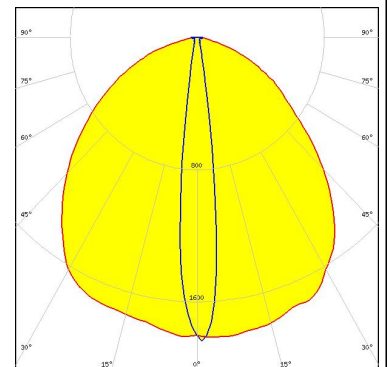
LED LUXEON Rebel ES
FWHM / FWTM 104.0 + 13.0° / 150.0 + 25.0°
Efficiency 94 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON T
FWHM / FWTM 102.0 + 13.0° / 149.0 + 25.0°
Efficiency 92 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

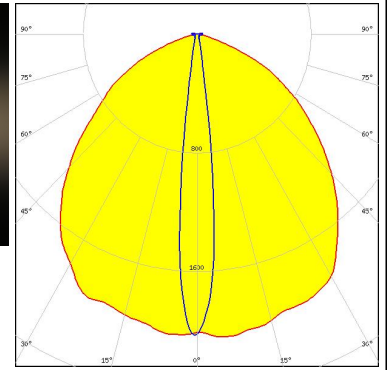
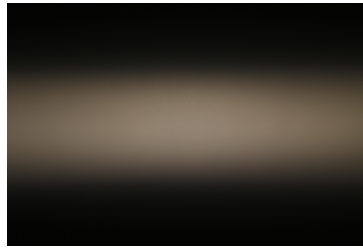


Light distribution files

OPTICAL RESULTS (MEASURED):



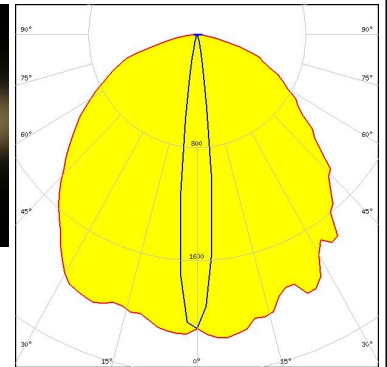
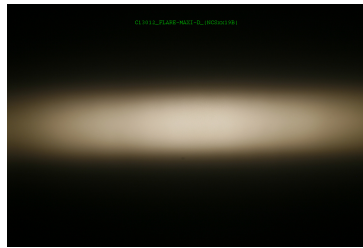
LED LUXEON TX
FWHM / FWTM 103.0 + 13.0° / 143.0 + 22.0°
Efficiency 93 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



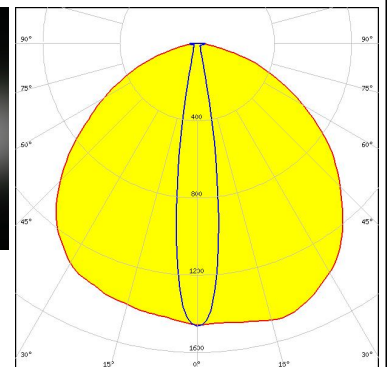
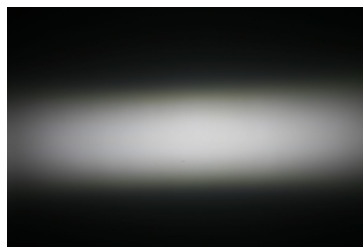
LED NCSxx19B
FWHM / FWTM 107.0 + 13.0° / 156.0 + 23.0°
Efficiency 94 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NS9x383
FWHM / FWTM 110.0 + 16.0° / 152.0 + 30.0°
Efficiency 93 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

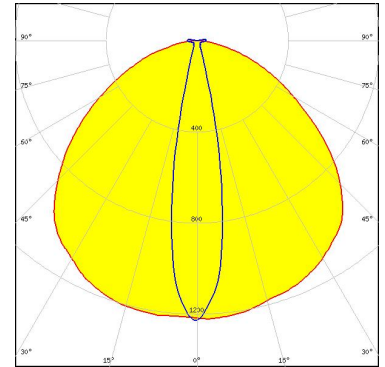


Light distribution files

OPTICAL RESULTS (MEASURED):



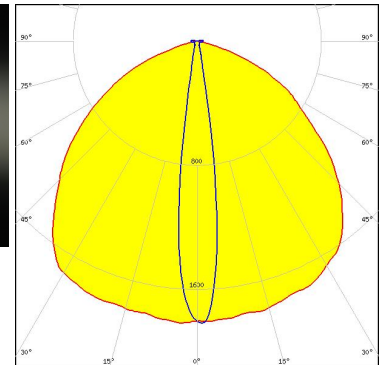
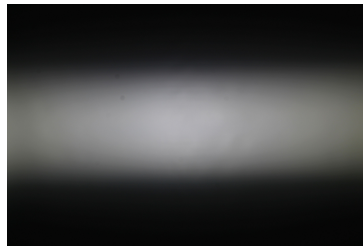
LED NV4x144A
FWHM / FWTM 111.0 + 20.0° / 145.0 + 144.0°
Efficiency 89 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



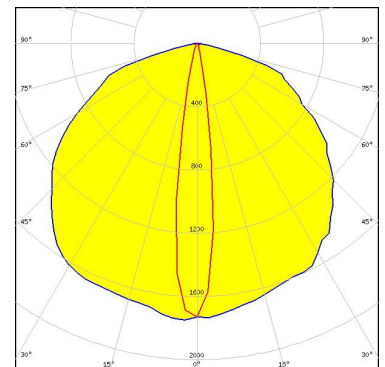
LED NVSW219F
FWHM / FWTM 109.0 + 14.0° / 146.0 + 24.0°
Efficiency 94 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NVSxx19B/NVSxx19C
FWHM / FWTM 116.0 + 13.0° / 154.0 + 25.0°
Efficiency 94 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:


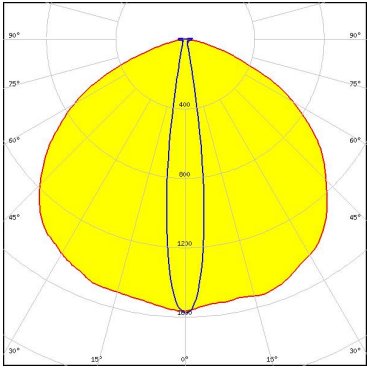


Light distribution files

OPTICAL RESULTS (MEASURED):

NICHIA


LED	NWSx229A
FWHM / FWTM	117.0 + 15.0° / 151.0 + 26.0°
Efficiency	92 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OSRAM
Opto Semiconductors

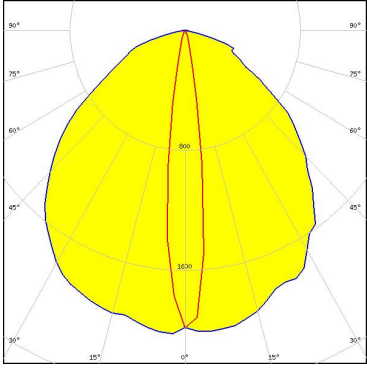
LED	Duris S10
FWHM / FWTM	92.0 + 20.0° / 144.0 + 36.0°
Efficiency	93 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON Square EC
FWHM / FWTM	99.0 + 14.0° / 149.0 + 27.0°
Efficiency	94 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

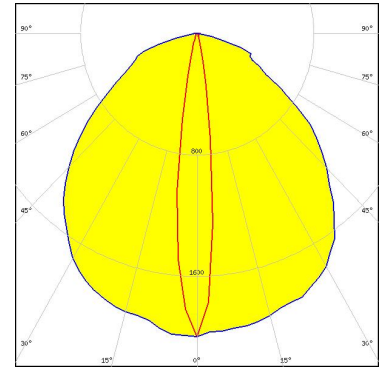


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

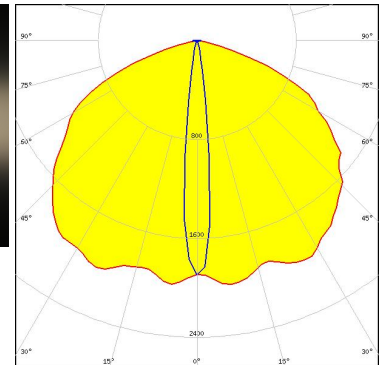
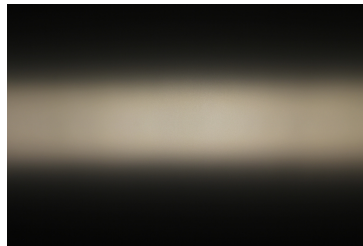
LED OSLON Square PC
FWHM / FWTM 104.0 + 12.0° / 150.0 + 25.0°
Efficiency 94 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

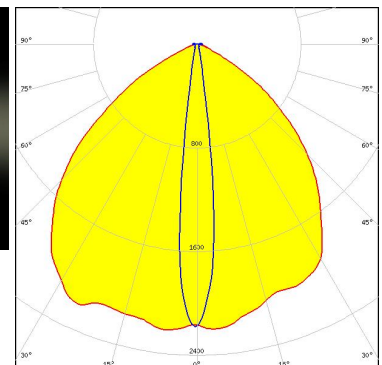
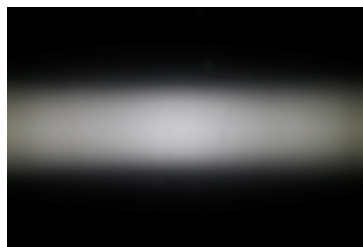
LED OSLON SSL 150
FWHM / FWTM 128.0 + 13.0° / 152.0 + 23.0°
Efficiency 94 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



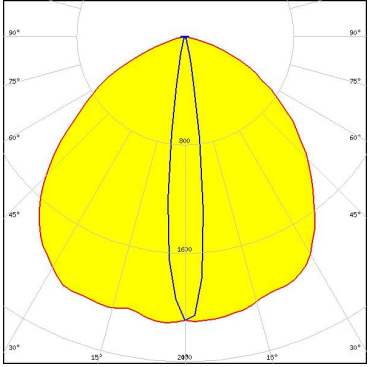
SAMSUNG



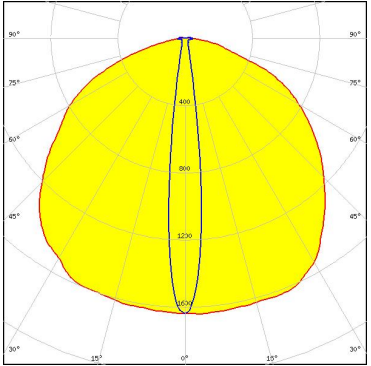
LED LH351Z
FWHM / FWTM 98.0 + 13.0° / 128.0 + 22.0°
Efficiency 94 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (MEASURED):

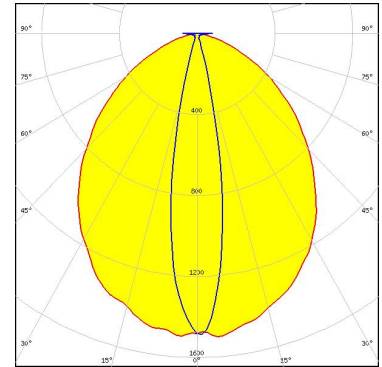
 <small>SEOUL SEMICONDUCTOR</small>			
LED	Z5M1/Z5M2		
FWHM / FWTM	104.0 + 14.0° / 144.0 + 25.0°		
Efficiency	94 %		
Peak intensity	2.1 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required components:		<p>Light distribution files</p>	

 <small>SEOUL SEMICONDUCTOR</small>			
LED	Z8Y22P		
FWHM / FWTM	117.0 + 13.0° / 158.0 + 25.0°		
Efficiency	94 %		
Peak intensity	1.6 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required components:		<p>Light distribution files</p>	

OPTICAL RESULTS (SIMULATED):



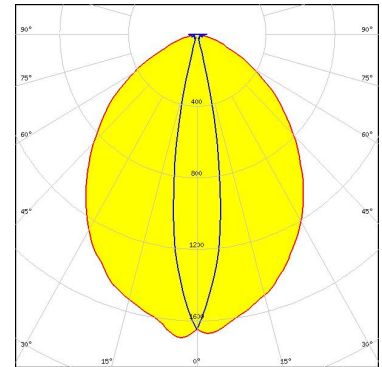
LED XHP50.2
 FWHM / FWTM 92.0 + 20.0° / 144.0 + 34.0°
 Efficiency 94 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



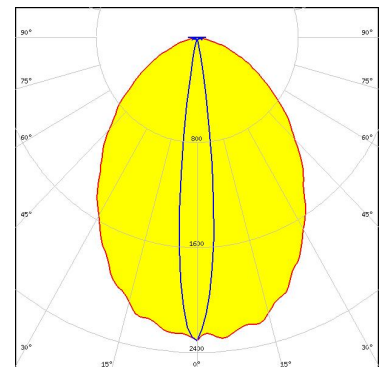
LED XHP50.3 HD
 FWHM / FWTM 88.0 + 18.0° / 139.0 + 30.0°
 Efficiency 95 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-G2 HE
 FWHM / FWTM 84.0 + 13.0° / 140.0 + 21.0°
 Efficiency 95 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

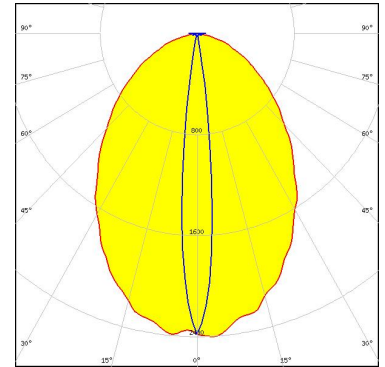


Light distribution files

OPTICAL RESULTS (SIMULATED):



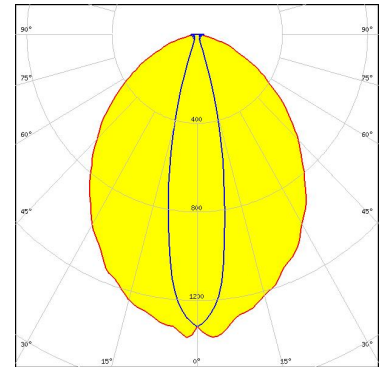
LED XP-G3
 FWHM / FWTM 82.0 + 12.0° / 145.0 + 20.0°
 Efficiency 95 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



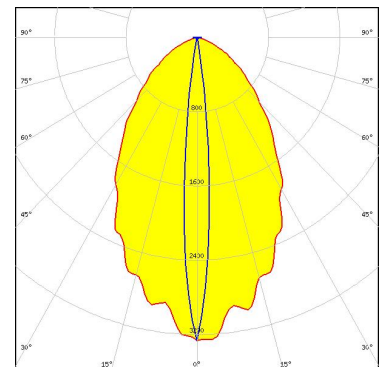
LED LUXEON 7070
 FWHM / FWTM 89.0 + 22.0° / 144.0 + 38.0°
 Efficiency 95 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON H50-2
 FWHM / FWTM 10.0 + 65.0° / 18.0 + 126.0°
 Efficiency 92 %
 Peak intensity 3.3 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.

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

Shipping locations

Poznan, Poland
Hong Kong, China

Distribution Partners

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