

OLGA-O

~20° + 40° oval beam. Assembly with holder and installation tape.

SPECIFICATION:

Dimensions	Ø 32.0
Height	19.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ



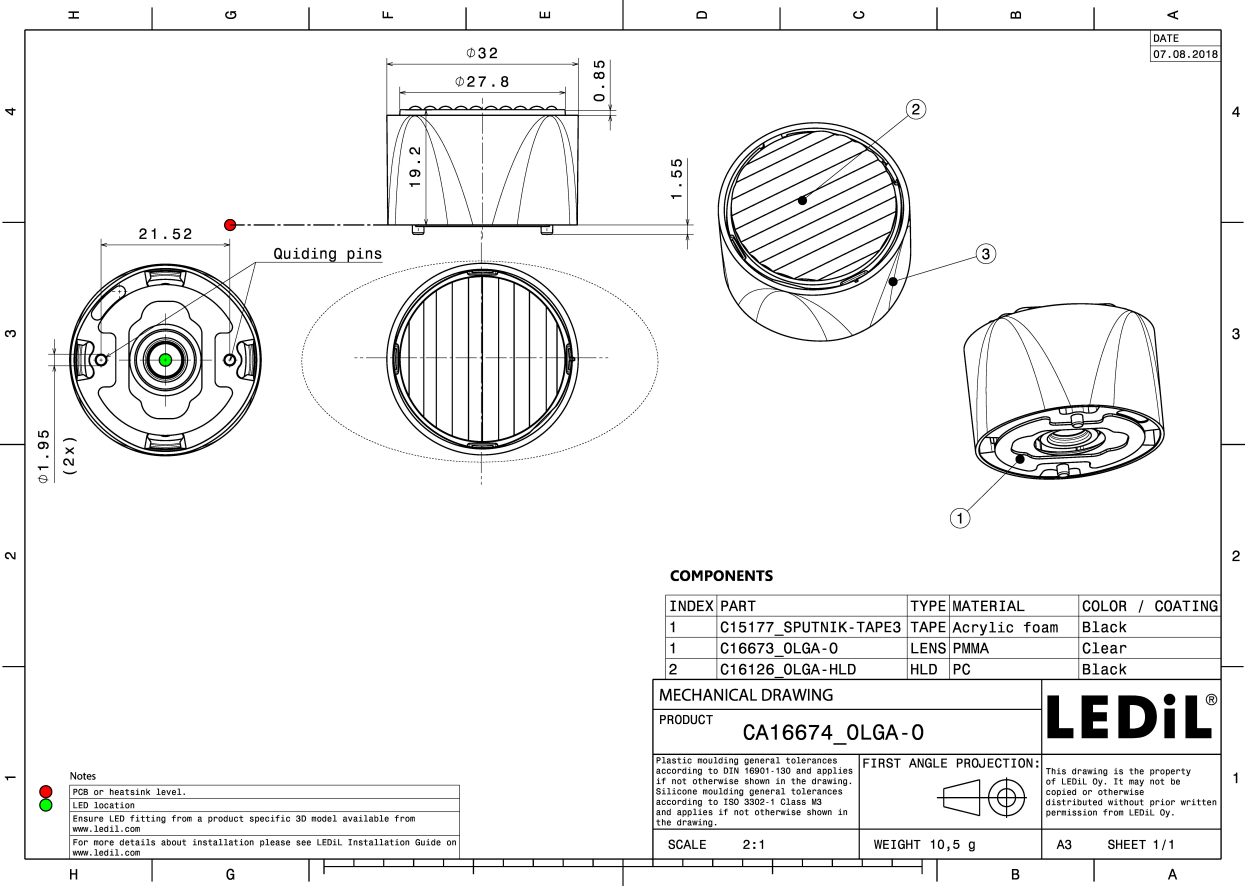
LEDiL

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
OLGA-O	Single lens	PMMA	clear		
OLGA-HLD	Holder	PC	black		
SPUTNIK-TAPE3	Tape	Acrylic foam tape	black		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA16674_OLGA-O	792	132	66	9.8
» Box size: 476 x 273 x 292 mm				

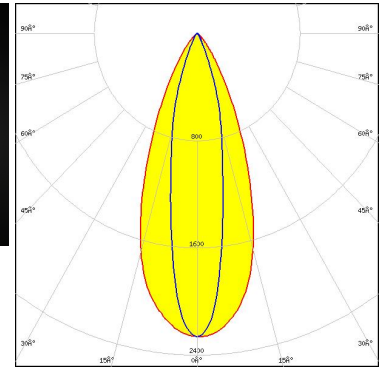
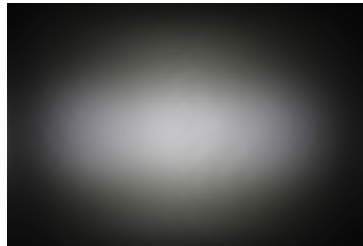


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



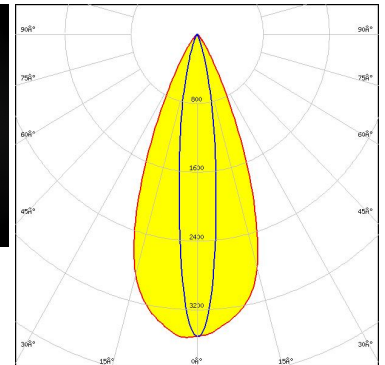
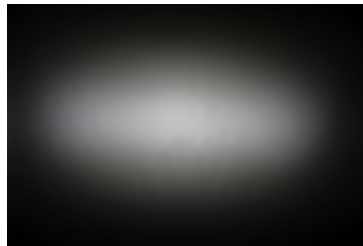
LED XHP50.2
 FWHM / FWTM 42.0 + 21.0° / 72.0 + 47.0°
 Efficiency 79 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



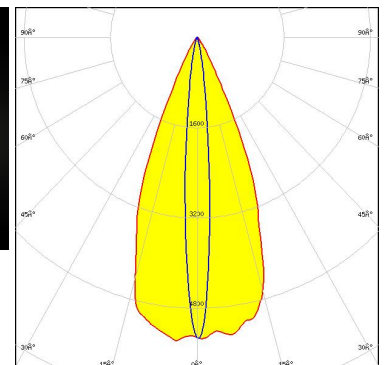
LED XM-L3
 FWHM / FWTM 43.0 + 15.0° / 65.0 + 34.0°
 Efficiency 86 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-E2
 FWHM / FWTM 44.0 + 10.0° / 60.0 + 23.0°
 Efficiency 88 %
 Peak intensity 5.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

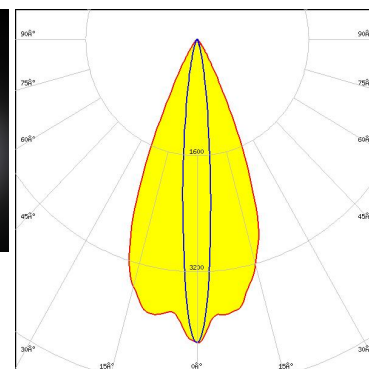
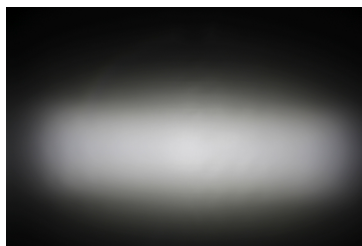


Light distribution files

OPTICAL RESULTS (MEASURED):



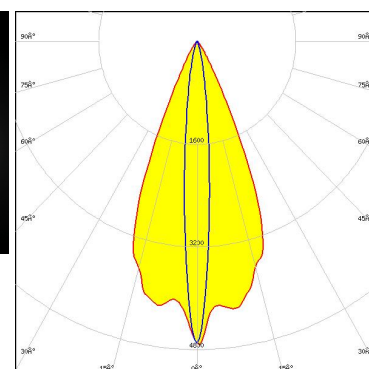
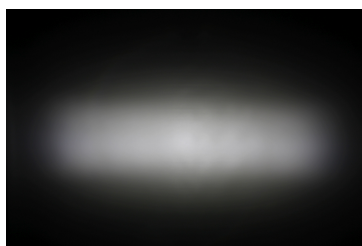
LED XQ-E HD
FWHM / FWTM 44.0 + 11.0° / 62.0 + 26.0°
Efficiency 80 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



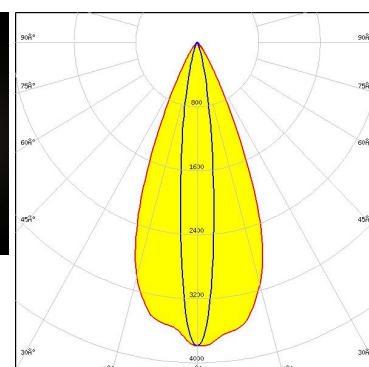
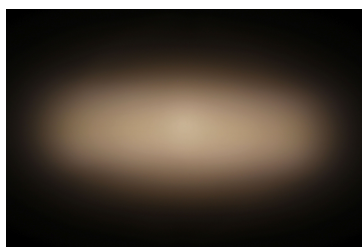
LED XQ-E HI
FWHM / FWTM 44.0 + 10.0° / 60.0 + 25.0°
Efficiency 85 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XT-E
FWHM / FWTM 44.0 + 13.0° / 65.0 + 30.0°
Efficiency 84 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

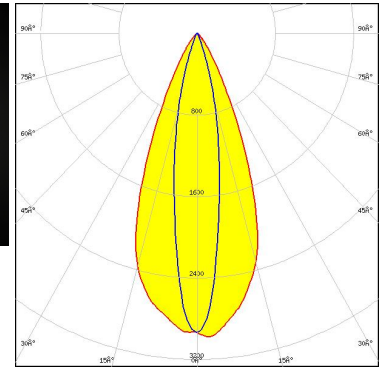
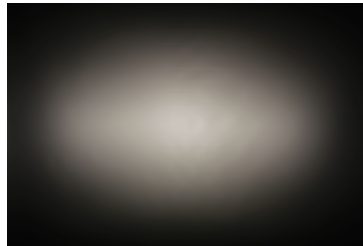


Light distribution files

OPTICAL RESULTS (MEASURED):



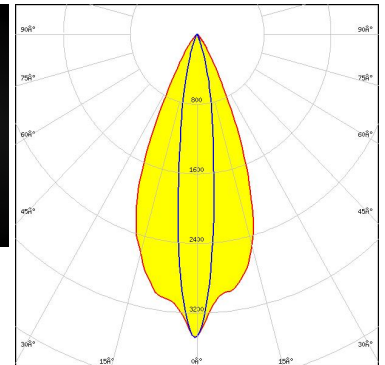
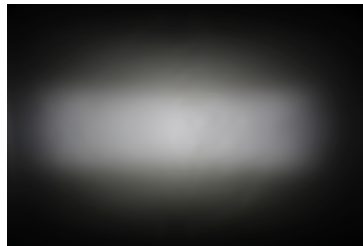
LED LUXEON MZ
 FWHM / FWTM 43.0 + 18.0° / 67.0 + 39.0°
 Efficiency 86 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



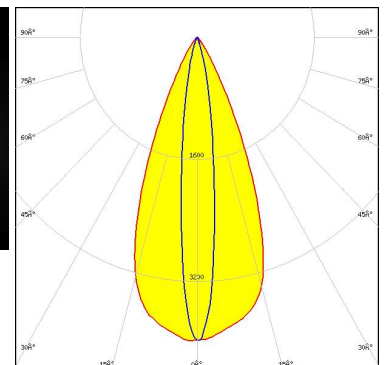
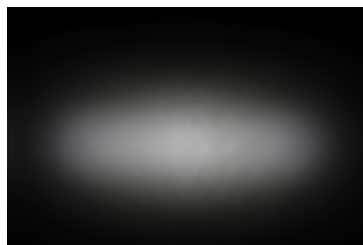
LED NCSxE17A
 FWHM / FWTM 43.0 + 14.0° / 65.0 + 34.0°
 Efficiency 84 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSW319B
 FWHM / FWTM 44.0 + 13.0° / 64.0 + 30.0°
 Efficiency 88 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

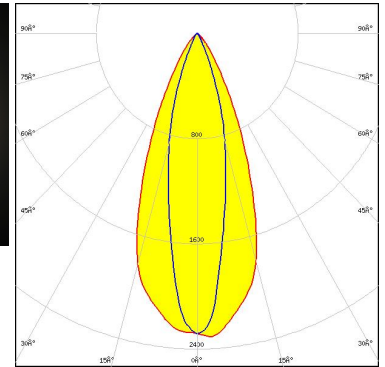
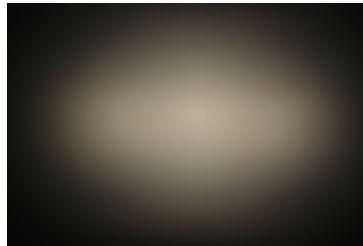


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

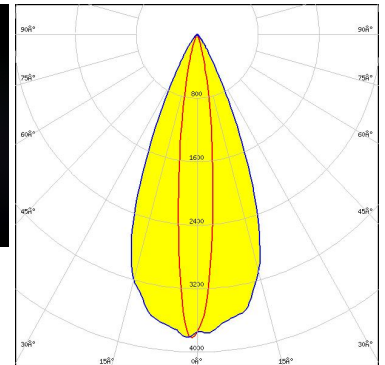
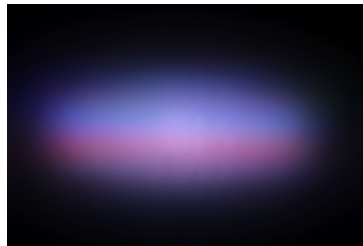
LED Duris S8
FWHM / FWTM 43.0 + 23.0° / 72.0 + 49.0°
Efficiency 85 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

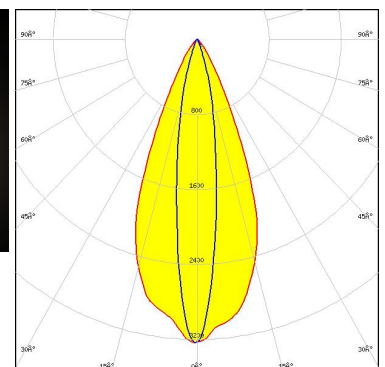
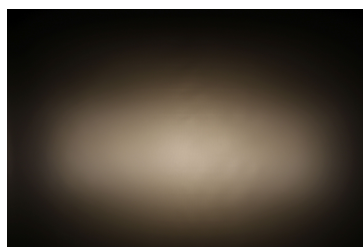
LED OSTAR Stage (S2WN)
FWHM / FWTM 44.0 + 14.0° / 64.0 + 30.0°
Efficiency 87 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:



Light distribution files

SAMSUNG

LED LH231B
FWHM / FWTM 44.0 + 16.0° / 67.0 + 37.0°
Efficiency 86 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

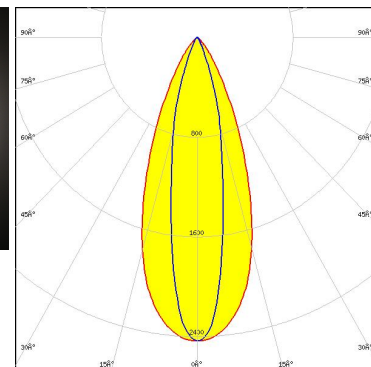
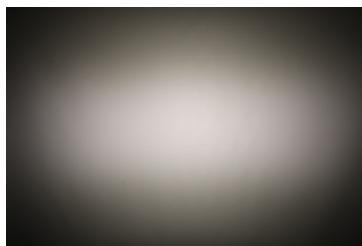


Light distribution files

OPTICAL RESULTS (MEASURED):



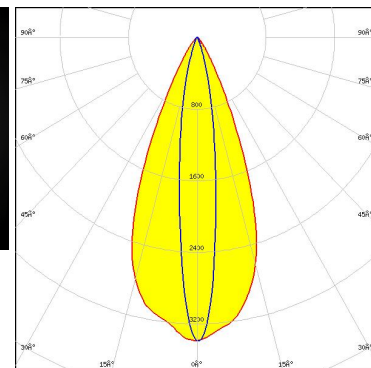
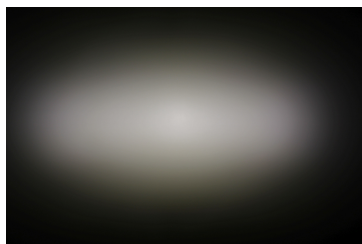
LED WICOP 5050
 FWHM / FWTM 41.0 + 21.0° / 72.0 + 45.0°
 Efficiency 82 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Z5M3
 FWHM / FWTM 43.0 + 14.0° / 65.0 + 34.0°
 Efficiency 84 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

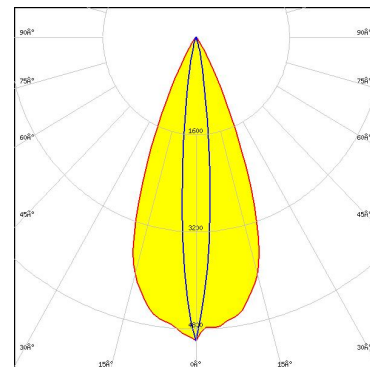


Light distribution files

OPTICAL RESULTS (SIMULATED):



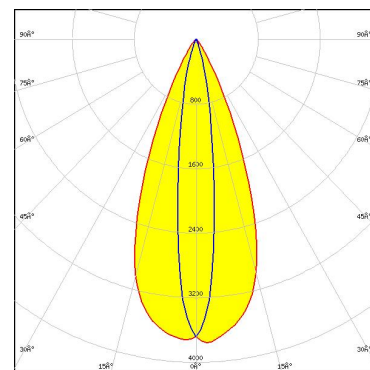
LED XHP35 HI
 FWHM / FWTM 11.0 + 42.0°
 Efficiency 90 %
 Peak intensity 5 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



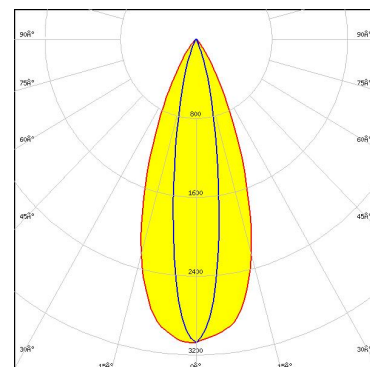
LED XHP35.2 HI
 FWHM / FWTM 42.0 + 14.0° / 64.0 + 34.0°
 Efficiency 90 %
 Peak intensity 3.8 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XHP50.3 HD
 FWHM / FWTM 40.0 + 18.0° / 67.0 + 38.0°
 Efficiency 87 %
 Peak intensity 3.1 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:

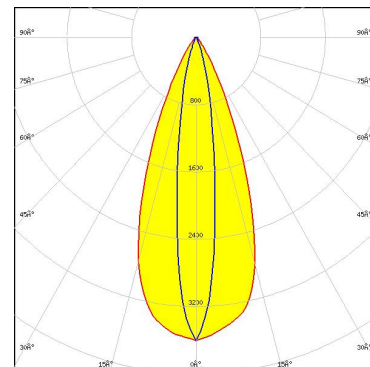


Light distribution files

OPTICAL RESULTS (SIMULATED):



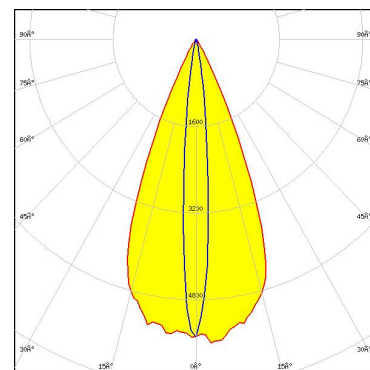
LED XHP50.3 HI
FWHM / FWTM 42.0 + 14.0° / 65.0 + 34.0°
Efficiency 95 %
Peak intensity 3.6 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



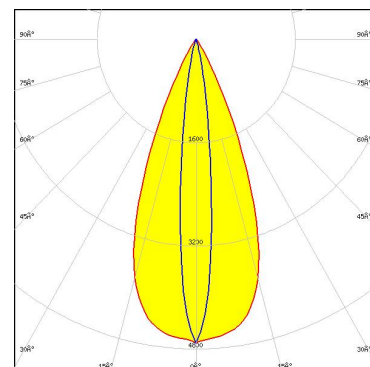
LED XP-G2
FWHM / FWTM 9.5 + 42.0°
Efficiency 90 %
Peak intensity 5.5 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-G2 HE
FWHM / FWTM 42.0 + 12.0° / 60.0 + 26.0°
Efficiency 91 %
Peak intensity 4.7 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:

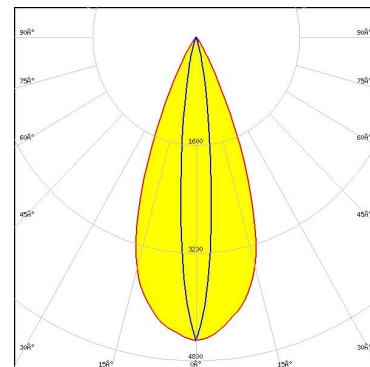


Light distribution files

OPTICAL RESULTS (SIMULATED):



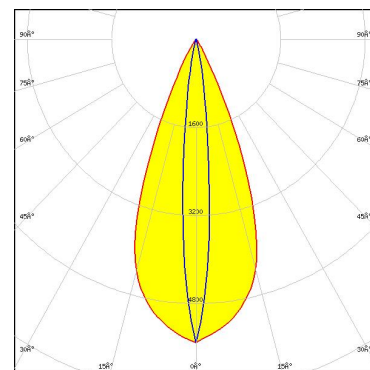
LED XP-G3
FWHM / FWTM 42.0 + 12.0° / 60.0 + 28.0°
Efficiency 89 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



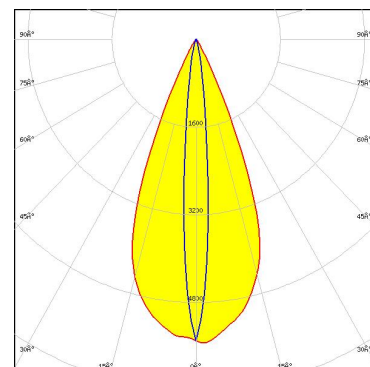
LED XP-G4
FWHM / FWTM 42.0 + 10.0° / 58.0 + 22.0°
Efficiency 92 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-G4 HI
FWHM / FWTM 44.0 + 10.0° / 58.0 + 22.0°
Efficiency 91 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

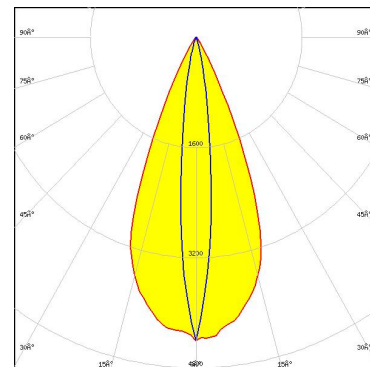


Light distribution files

OPTICAL RESULTS (SIMULATED):



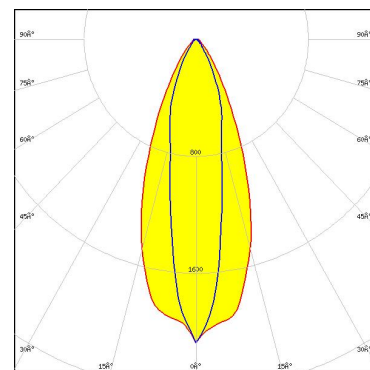
LED XP-L HI
FWHM / FWTM 12.0 + 42.0°
Efficiency 88 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



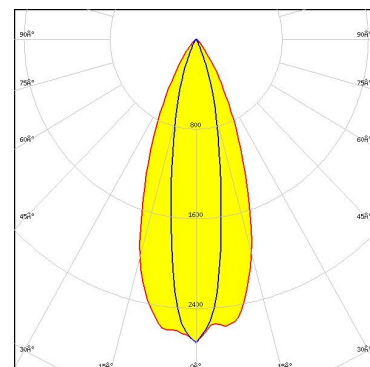
LED LUXEON 7070
FWHM / FWTM 42.0 + 20.0° / 76.0 + 60.0°
Efficiency 92 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON M/MX
FWHM / FWTM 20.0 + 40.0°
Efficiency 86 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

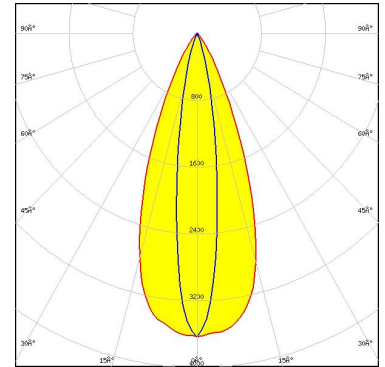


Light distribution files

OPTICAL RESULTS (SIMULATED):



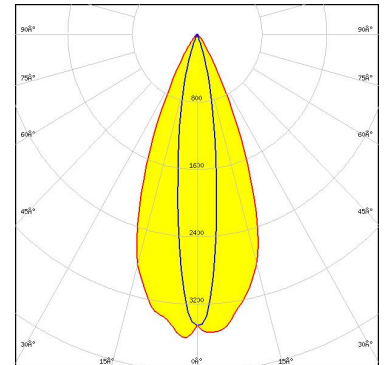
LED SST-70X-WCS
FWHM / FWTM 41.0 + 16.0° / 65.0 + 34.0°
Efficiency 90 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



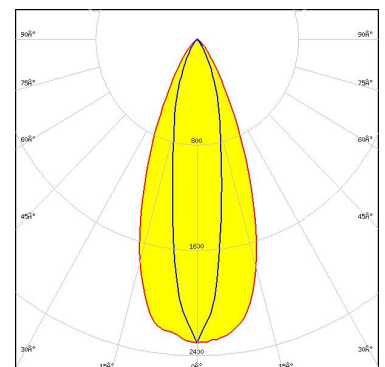
LED NV4WB35AM
FWHM / FWTM 42.0 + 16.0° / 64.0 + 36.0°
Efficiency 90 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED Duris S10
FWHM / FWTM 42.0 + 20.0° / 72.0 + 54.0°
Efficiency 86 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

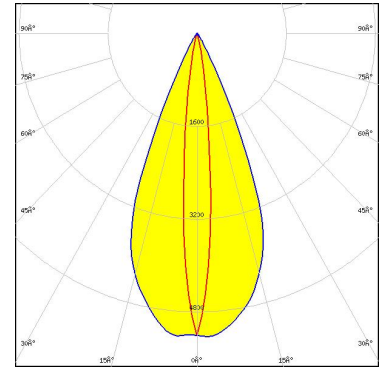


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

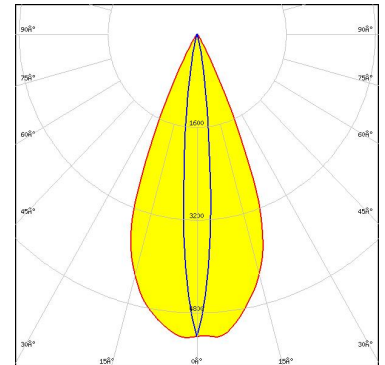
LED OSLON Black Flat S (KW HHL532.TK)
FWHM / FWTM 44.0 + 10.0° / 58.0 + 22.0°
Efficiency 92 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

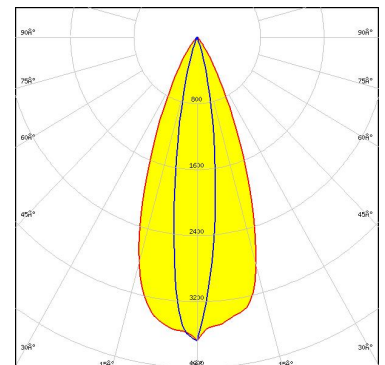
LED OSLON Black Flat X (KW HHL631.TK)
FWHM / FWTM 44.0 + 10.0° / 58.0 + 22.0°
Efficiency 92 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON Pure 1414
FWHM / FWTM 41.0 + 16.0° / 65.0 + 33.0°
Efficiency 91 %
Peak intensity 3.7 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:

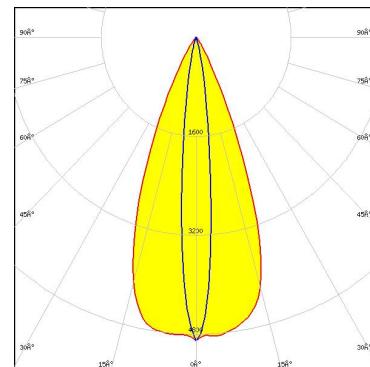


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

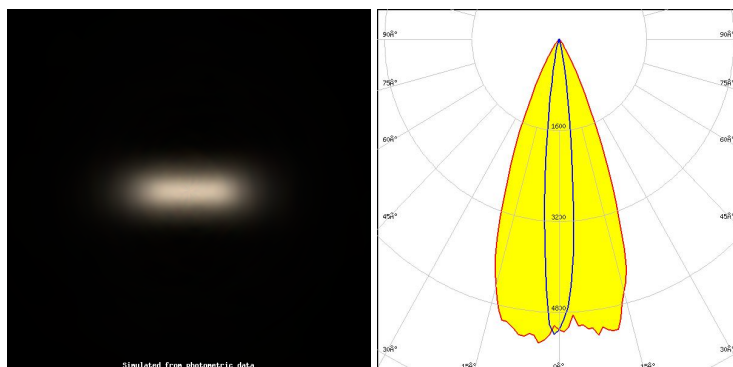
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 42.0 + 12.0° / 61.0 + 24.0°
Efficiency 90 %
Peak intensity 4.9 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SEOL
SEOUL SEMICONDUCTOR

LED Z5M3-E1
FWHM / FWTM 42.0 + 12.0° / 61.0 + 22.0°
Efficiency 92 %
Peak intensity 5.5 cd/Im
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

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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

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