

HEIDI-M

~25° medium beam

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	11.7 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

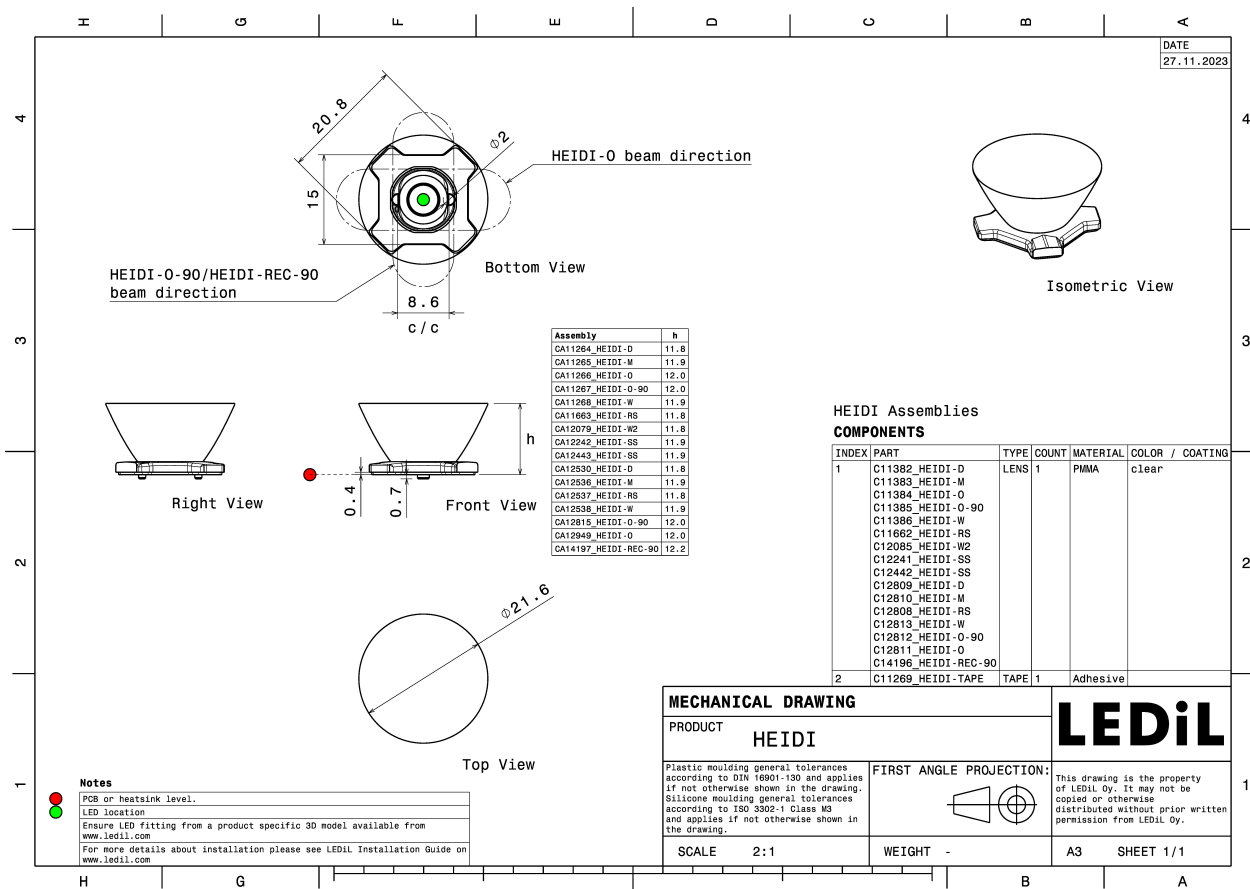
MATERIALS:

Component	Type	Material	Colour	Finish	Length
HEIDI-M	Single lens	PMMA	clear		21.6
HEIDI-TAPE	Tape	Acrylic foam	black		



ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12536_HEIDI-M	Single lens	3264	204	204	11.1
» Box size: 480 x 280 x 300 mm					

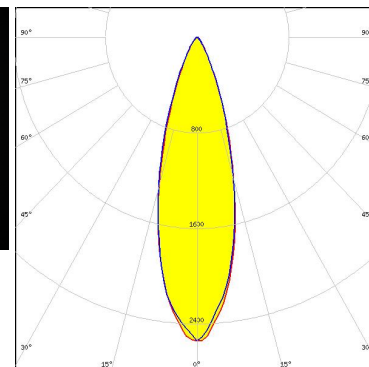
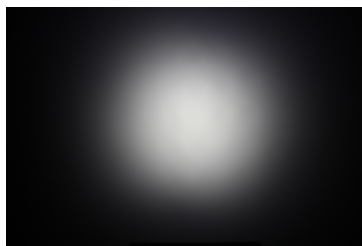


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



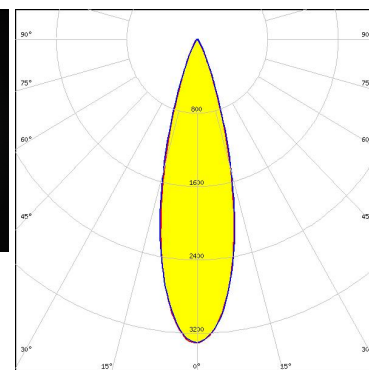
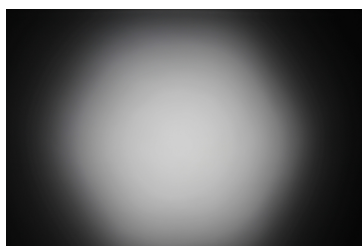
LED XHP35 HD
FWHM / FWTM 28.0° / 55.0°
Efficiency 86 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



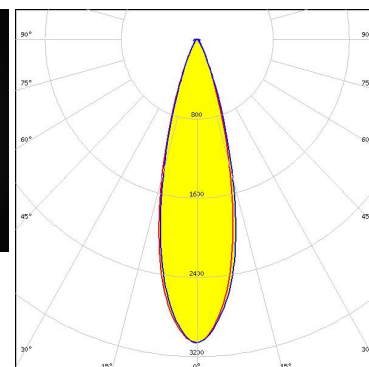
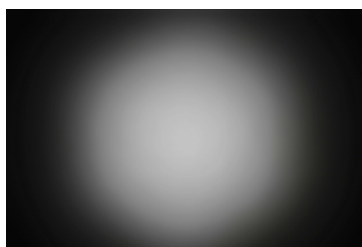
LED XHP35 HI
FWHM / FWTM 28.0° / 49.0°
Efficiency 94 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-G3
FWHM / FWTM 28.0° / 50.0°
Efficiency 94 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

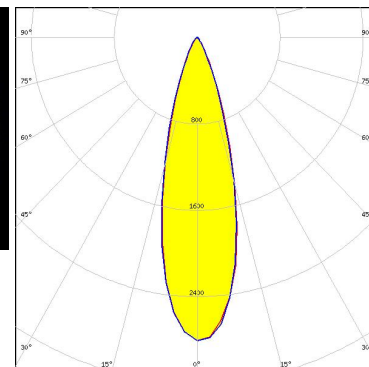
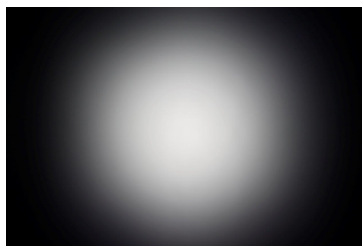


Light distribution files

OPTICAL RESULTS (MEASURED):



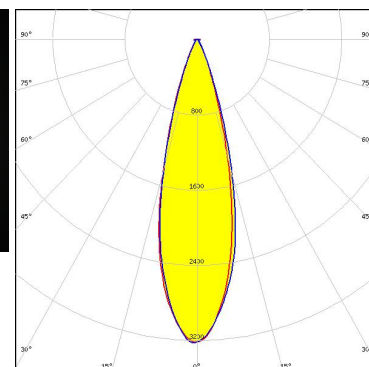
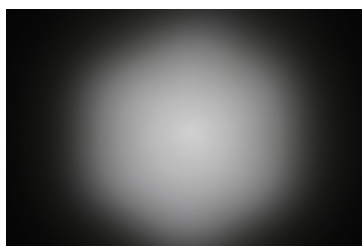
LED XP-L HD
FWHM / FWTM 28.0° / 52.0°
Efficiency 86 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



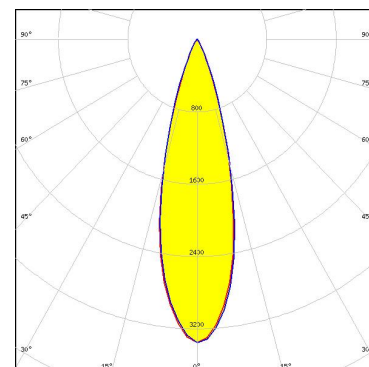
LED XT-E
FWHM / FWTM 28.0° / 49.0°
Efficiency 95 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON A
FWHM / FWTM 29.0° / 49.0°
Efficiency 88 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

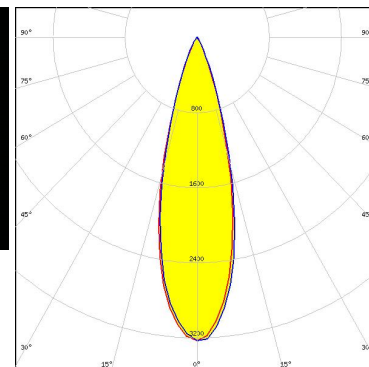


Light distribution files

OPTICAL RESULTS (MEASURED):



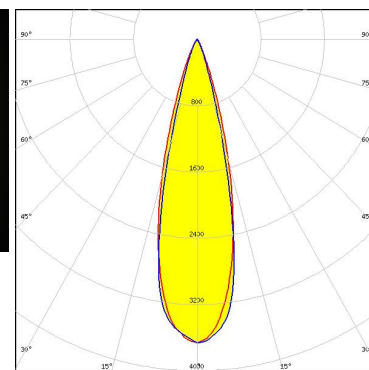
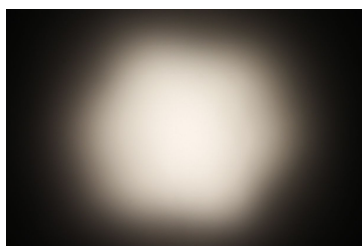
LED LUXEON R
FWHM / FWTM 29.0° / 49.0°
Efficiency 87 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



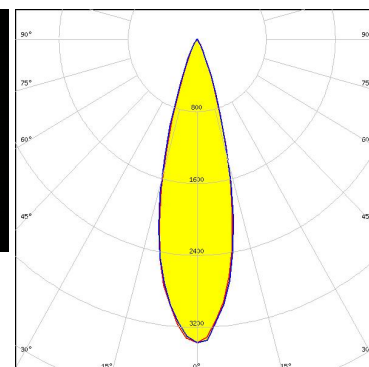
LED LUXEON Rebel
FWHM / FWTM 27.0° / 44.0°
Efficiency 88 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON Rebel ES
FWHM / FWTM 29.0° / 47.0°
Efficiency 88 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

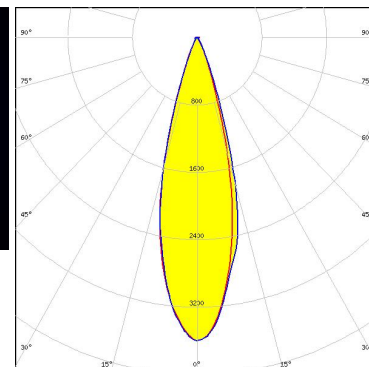


Light distribution files

OPTICAL RESULTS (MEASURED):



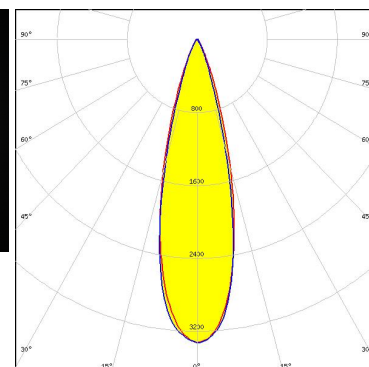
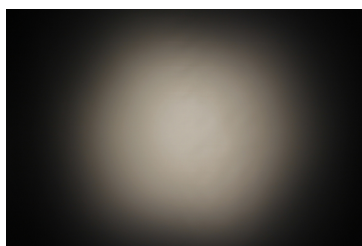
LED SST-10-B130
FWHM / FWTM 28.0° / 46.0°
Efficiency 94 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type Blue
Required components:



Light distribution files



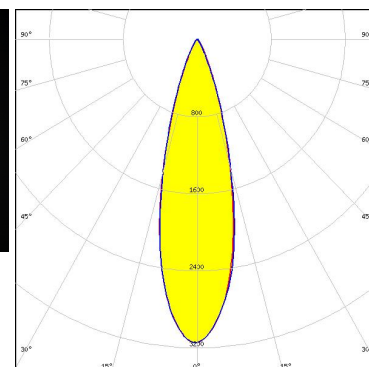
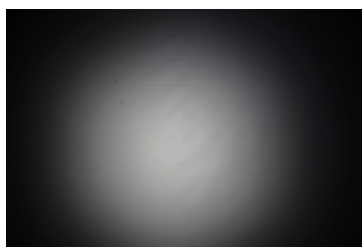
LED NVSW219D
FWHM / FWTM 28.0° / 50.0°
Efficiency 94 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NVSW319B
FWHM / FWTM 28.0° / 51.0°
Efficiency 94 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

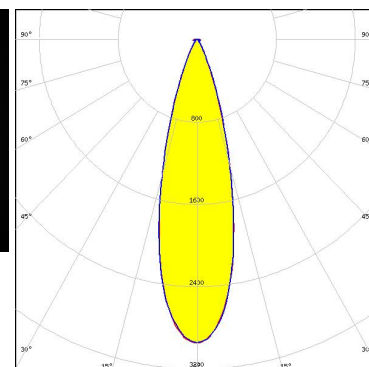
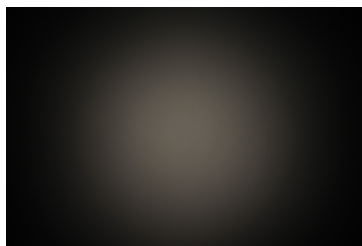


Light distribution files

OPTICAL RESULTS (MEASURED):



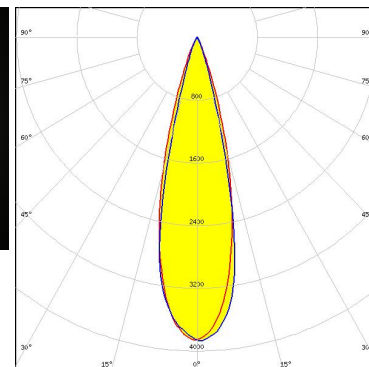
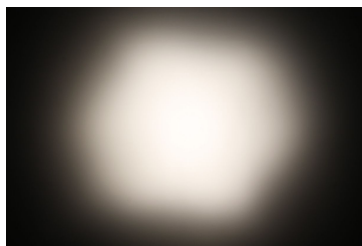
LED NVSW3x9A
FWHM / FWTM 28.0° / 51.0°
Efficiency 92 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

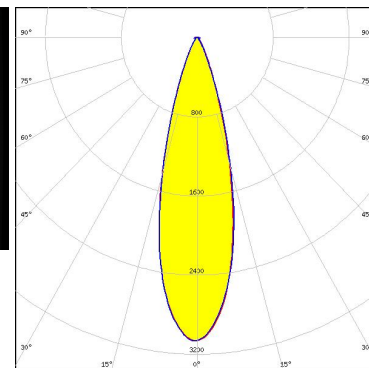
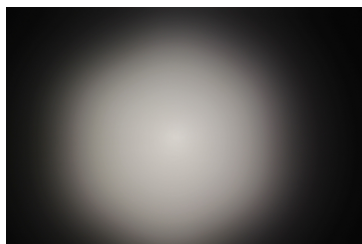
LED OSLON SSL 150
FWHM / FWTM 27.0° / 43.0°
Efficiency 88 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SEKUL
SEOUL SEMICONDUCTOR

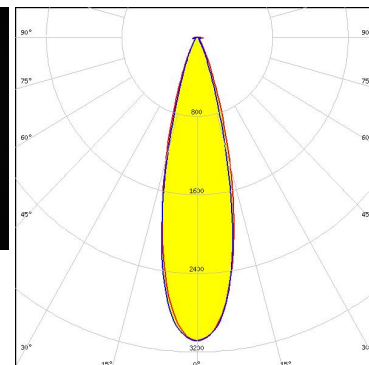
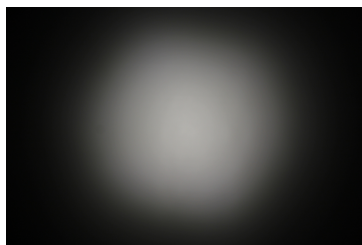
LED Z5M3
FWHM / FWTM 28.0° / 50.0°
Efficiency 94 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SEKUL
SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM / FWTM 27.0° / 50.0°
Efficiency 93 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

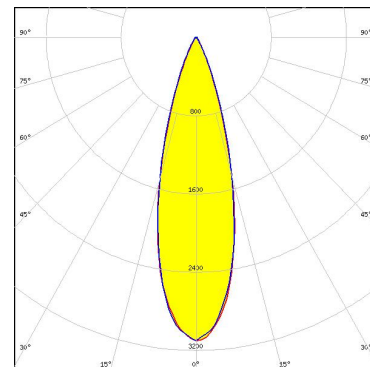


Light distribution files

OPTICAL RESULTS (SIMULATED):



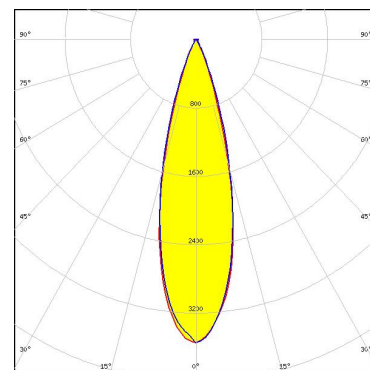
LED XP-G2 HE
FWHM / FWTM 30.0° / 51.0°
Efficiency 93 %
Peak intensity 3.1 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON HL2Z
FWHM / FWTM 28.0° / 48.0°
Efficiency 94 %
Peak intensity 3.6 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



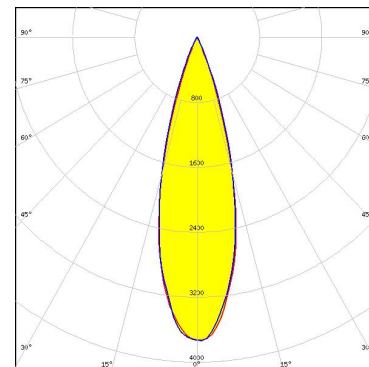
LED LUXEON IR Domed 150 (L110-0xxx150000000)
FWHM / FWTM 27.0° / 44.0°
Efficiency 93 %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

OPTICAL RESULTS (SIMULATED):



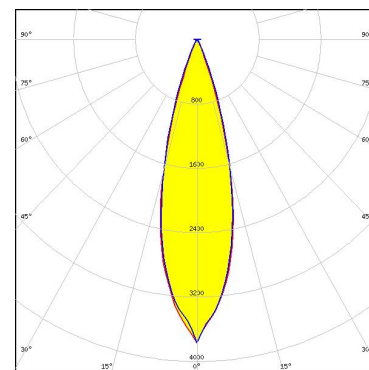
LED	LUXEON SunPlus 20 Line (120 deg)
FWHM / FWTM	29.0° / 47.0°
Efficiency	96 %
Peak intensity	3.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



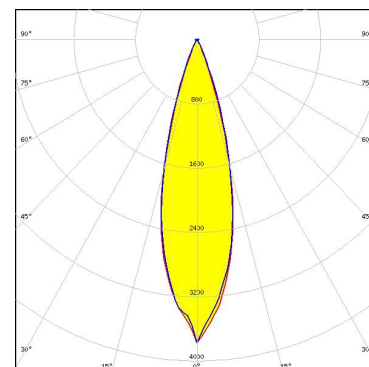
LED	LUXEON SunPlus 20 Line (150 deg)
FWHM / FWTM	28.0° / 46.0°
Efficiency	92 %
Peak intensity	3.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	LUXEON SunPlus 20 Line (150 deg)
FWHM / FWTM	28.0° / 44.0 + 46.0°
Efficiency	92 %
Peak intensity	3.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

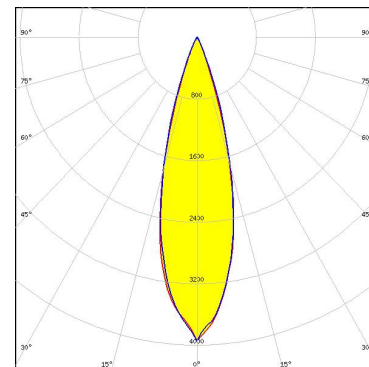


Light distribution files

OPTICAL RESULTS (SIMULATED):



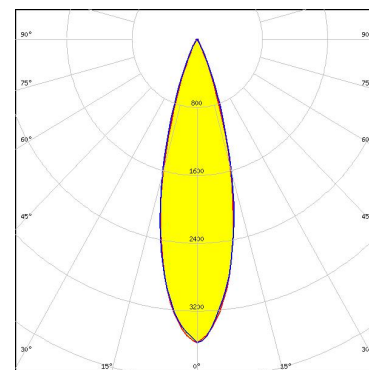
LED LUXEON SunPlus 35 Line
FWHM / FWTM 28.0° / 46.0°
Efficiency 94 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



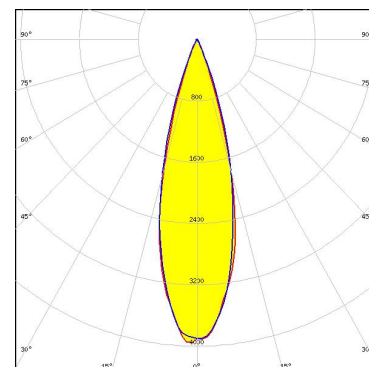
LED LUXEON TX
FWHM / FWTM 28.0° / 48.0°
Efficiency 94 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON Z ES
FWHM / FWTM 28.0° / 45.0°
Efficiency 94 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

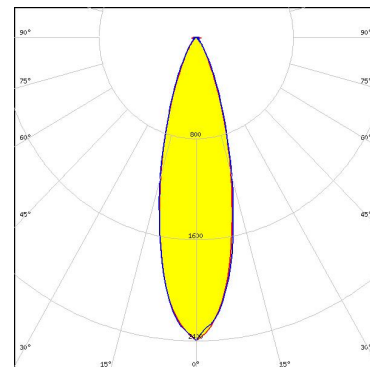


Light distribution files

OPTICAL RESULTS (SIMULATED):



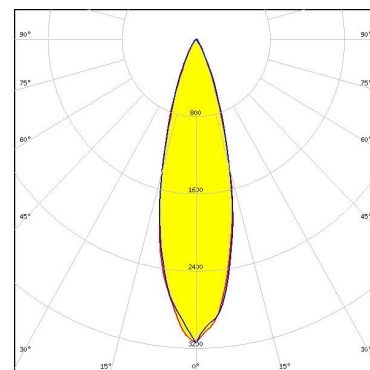
LED NCSxE17A
FWHM / FWTM 28.0° / 57.0°
Efficiency 86 %
Peak intensity 2.4 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:



Light distribution files



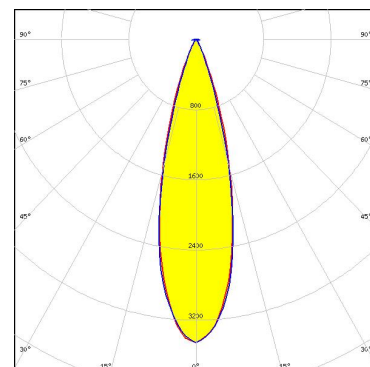
LED NV4WB35AM
FWHM / FWTM 28.0° / 52.0°
Efficiency 94 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NVSxE21A
FWHM / FWTM 28.0° / 47.0°
Efficiency 94 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

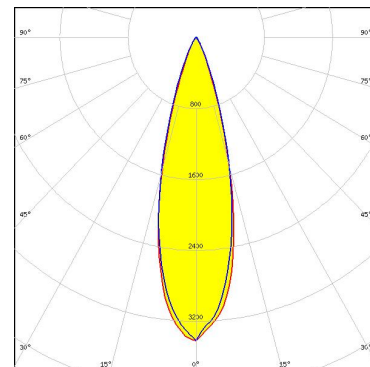


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

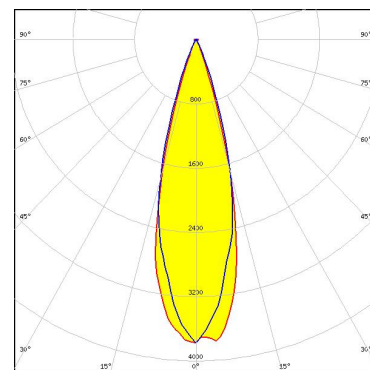
LED OSCONIQ P 3737 Flat
FWHM / FWTM 28.0° / 50.0°
Efficiency 95 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

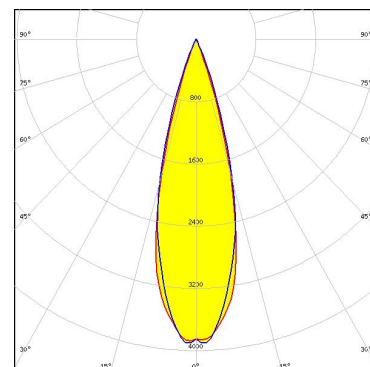
LED OSLOM Black Flat (LUW HWQP)
FWHM / FWTM 29.0° / 45.0°
Efficiency 94 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLOM Pure 1414
FWHM / FWTM 28.0 + 30.0° / 42.0 + 46.0°
Efficiency 96 %
Peak intensity 3.9 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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Hong Kong, China

Distribution Partners

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