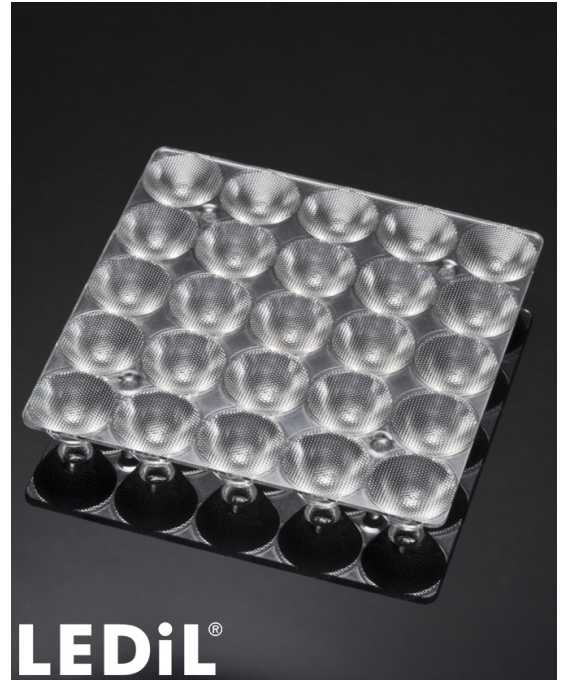


VIRPI-M

~30° medium beam

SPECIFICATION:

Dimensions	74.9 x 74.9 mm
Height	9.5 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

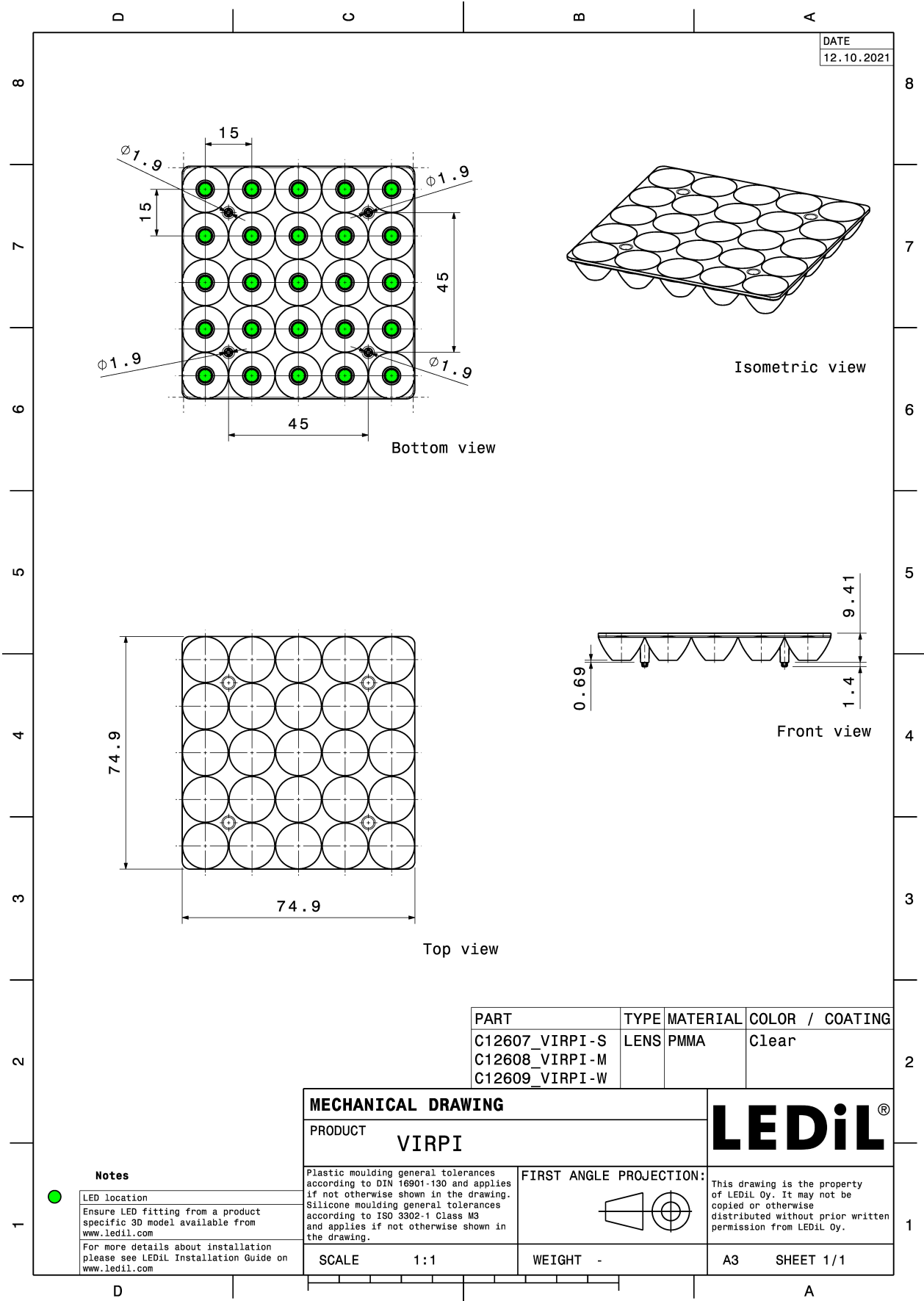


MATERIALS:

Component	Type	Material	Colour	Finish	Length
VIRPI-M	Multi-lens	PMMA	clear		74.9

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12608_VIRPI-M » Box size: 480 x 280 x 300 mm	360	45	15	12.2

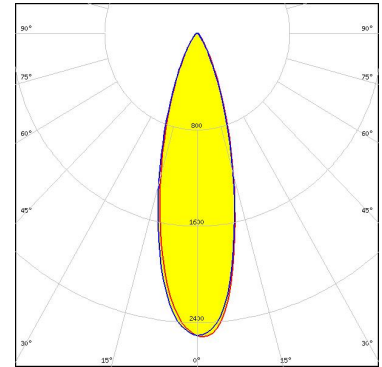


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



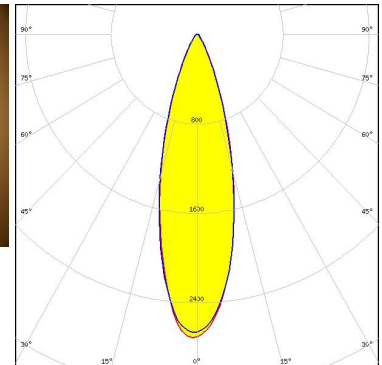
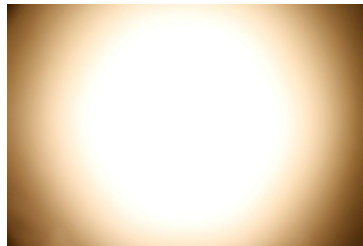
LED ML-E
 FWHM / FWTM 29.0° / 58.0°
 Efficiency 91 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



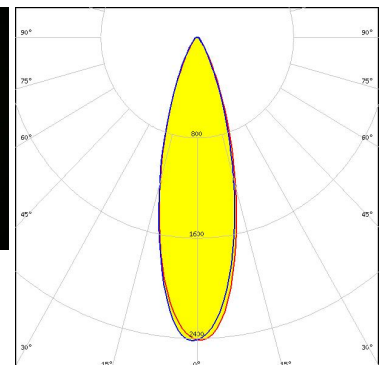
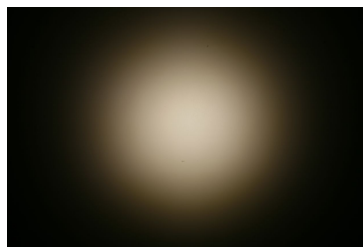
LED XB-D
 FWHM / FWTM 28.0° / 56.0°
 Efficiency 92 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XH-B/G
 FWHM / FWTM 30.0° / 58.0°
 Efficiency 90 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

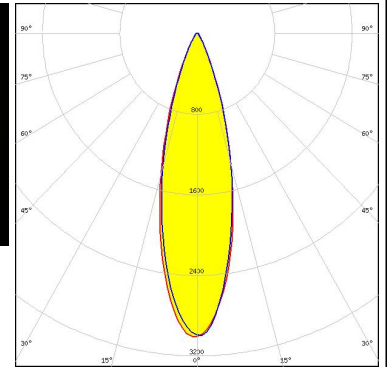


Light distribution files

OPTICAL RESULTS (MEASURED):



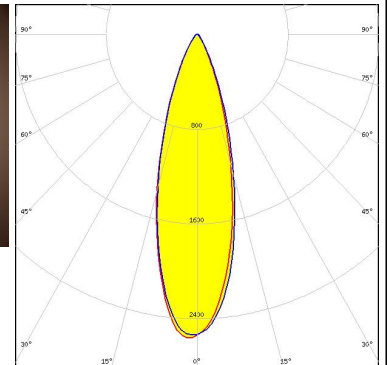
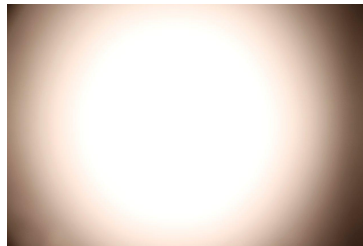
LED XP-E2
 FWHM / FWTM 28.0° / 52.0°
 Efficiency 91 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



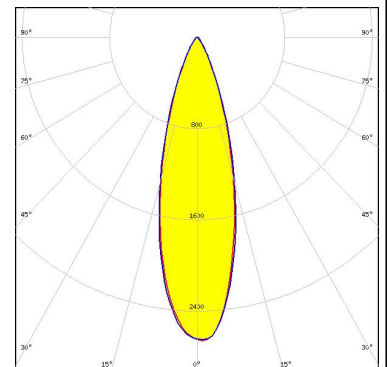
LED XP-G
 FWHM / FWTM 29.0° / 58.0°
 Efficiency 92 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-G2
 FWHM / FWTM 29.0° / 56.0°
 Efficiency 91 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

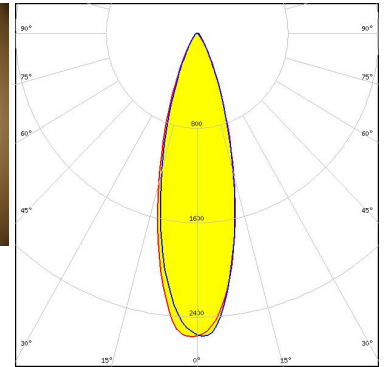
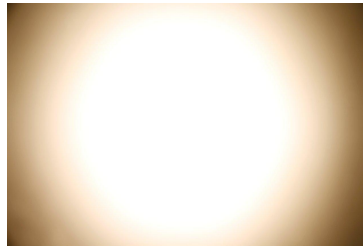


Light distribution files

OPTICAL RESULTS (MEASURED):



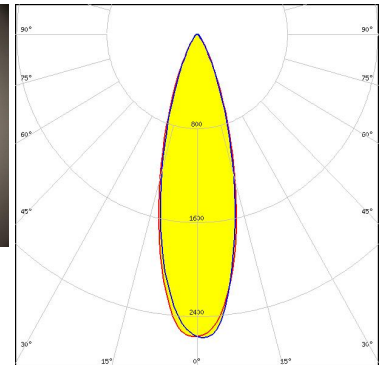
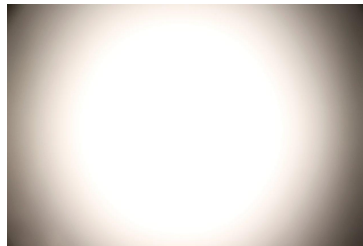
LED XT-E
 FWHM / FWTM 29.0° / 57.0°
 Efficiency 91 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



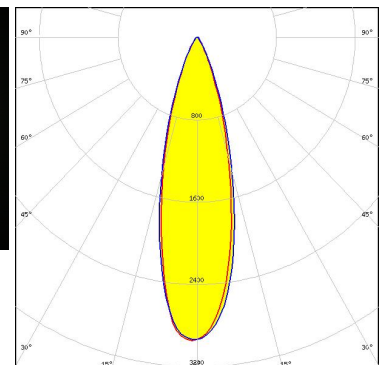
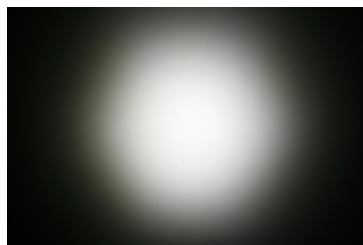
LED LUXEON Rebel ES
 FWHM / FWTM 28.0° / 57.0°
 Efficiency 91 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NF2x757A
 FWHM / FWTM 28.0° / 53.0°
 Efficiency 92 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

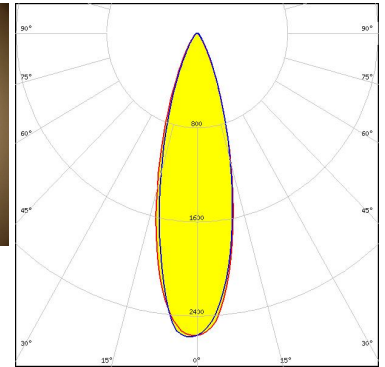
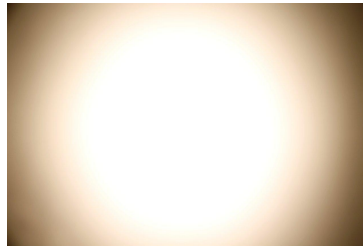


Light distribution files

OPTICAL RESULTS (MEASURED):



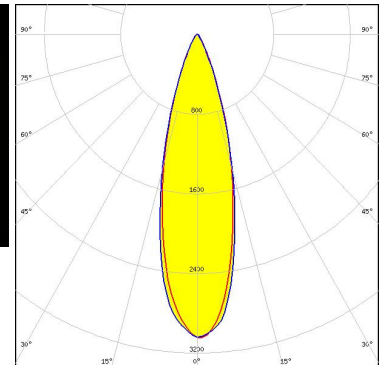
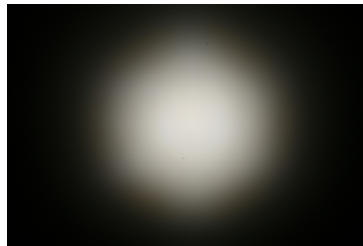
LED NVSxx19A
FWHM / FWTM 29.0° / 56.0°
Efficiency 90 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



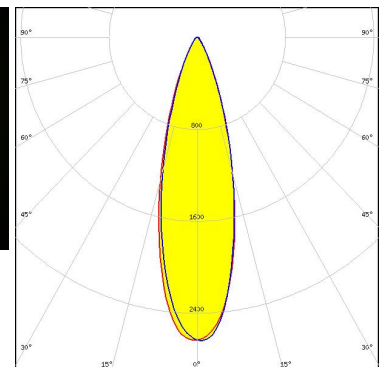
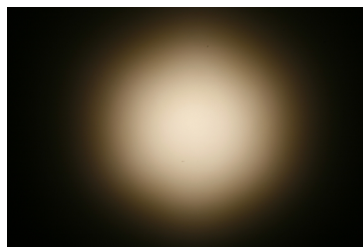
LED Duris S5 (Single chip)
FWHM / FWTM 28.0° / 51.0°
Efficiency 92 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSCONIQ P 2226
FWHM / FWTM 29.0° / 56.0°
Efficiency 90 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

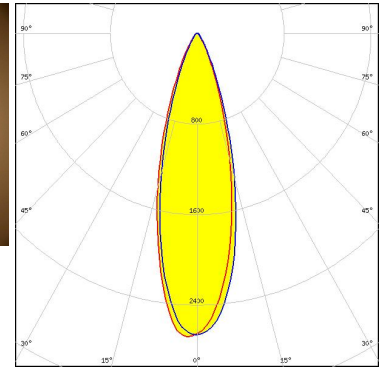
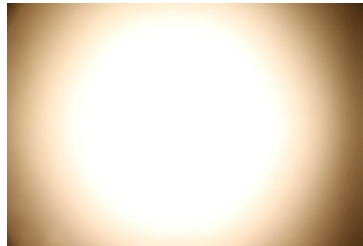


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

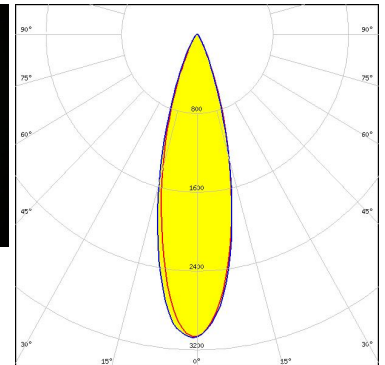
LED OSLON Square EC
FWHM / FWTM 28.0° / 55.0°
Efficiency 91 %
Peak intensity 2.8 cd/m
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LM231 A/B
FWHM / FWTM 28.0° / 52.0°
Efficiency 92 %
Peak intensity 3.1 cd/m
LEDs/each optic 1
Light colour/type White
Required components:

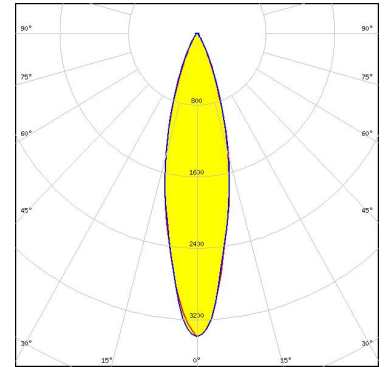


Light distribution files

OPTICAL RESULTS (SIMULATED):



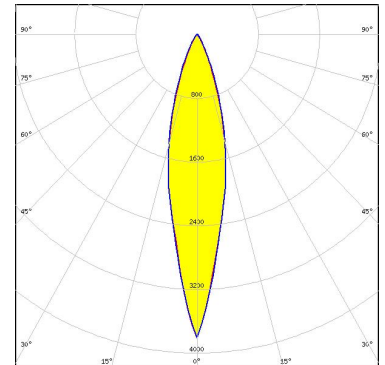
LED J Series 3030
FWHM / FWTM 26.0° / 52.0°
Efficiency 95 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



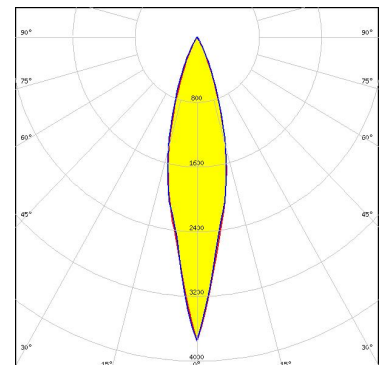
LED LUXEON 2835 Line
FWHM / FWTM 22.0° / 51.0°
Efficiency 95 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON C
FWHM / FWTM 23.0° / 50.0°
Efficiency 86 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

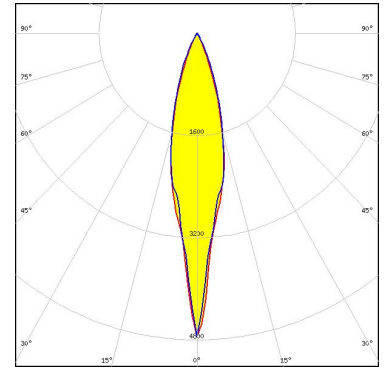


Light distribution files

OPTICAL RESULTS (SIMULATED):



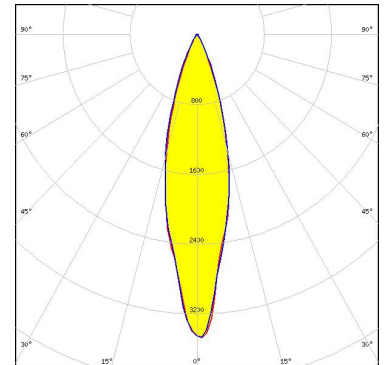
LED LUXEON CZ
FWHM / FWTM 20.0° / 48.0°
Efficiency 94 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



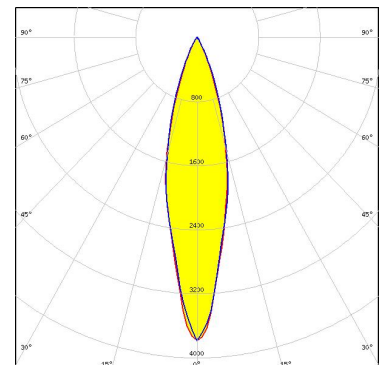
LED LUXEON SunPlus 20 Line (150 deg)
FWHM / FWTM 27.0° / 51.0°
Efficiency 88 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON SunPlus 35 Line
FWHM / FWTM 26.0° / 50.0°
Efficiency 93 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

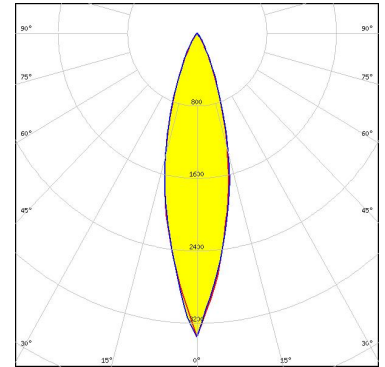


Light distribution files

OPTICAL RESULTS (SIMULATED):



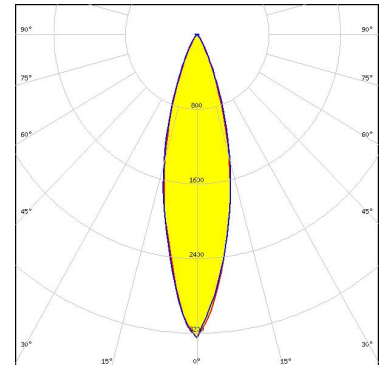
LED LUXEON T
FWHM / FWTM 26.0° / 53.0°
Efficiency 91 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



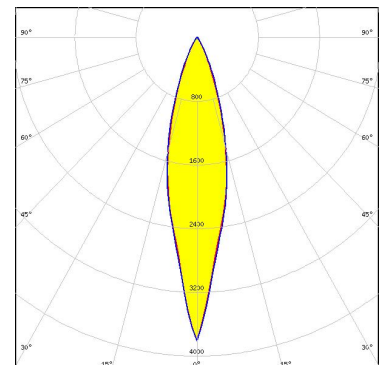
LED LUXEON TX
FWHM / FWTM 27.0° / 53.0°
Efficiency 92 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED SST-10-B130
FWHM / FWTM 24.0° / 51.0°
Efficiency 94 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:

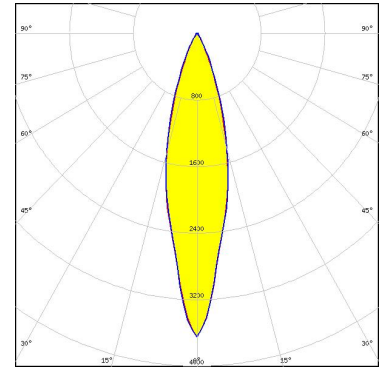


Light distribution files

OPTICAL RESULTS (SIMULATED):



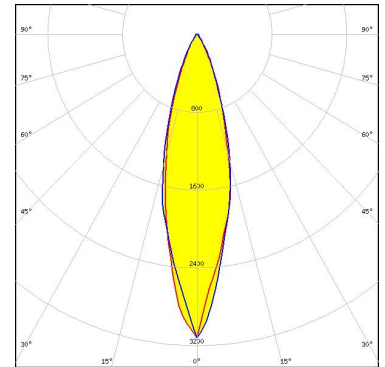
LED SST-20
FWHM / FWTM 24.0° / 51.0°
Efficiency 94 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



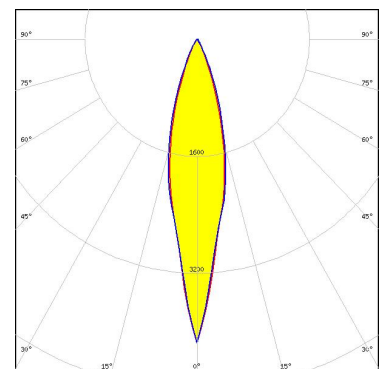
LED NVSxx19B/NVSxx19C
FWHM / FWTM 27.0° / 55.0°
Efficiency 94 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSCONIQ P 3030
FWHM / FWTM 22.0° / 50.0°
Efficiency 95 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

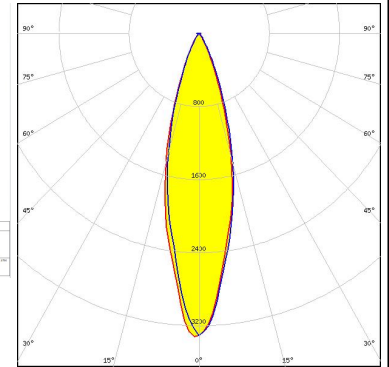
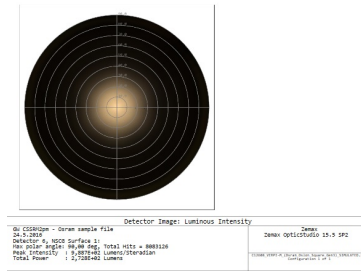


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

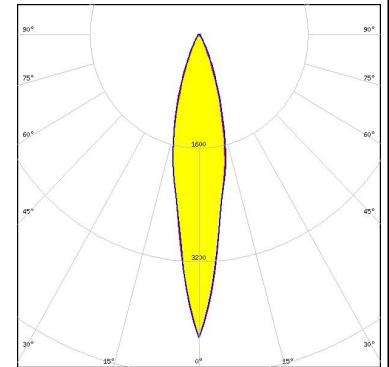
LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 26.0° / 52.0°
 Efficiency 93 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

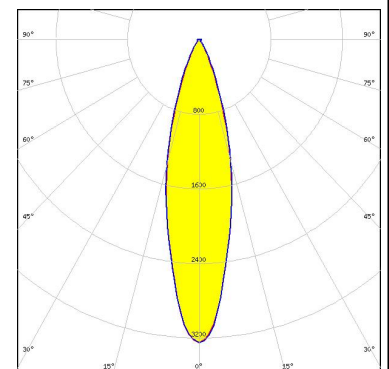
LED SFH 4715AS
 FWHM / FWTM 20.0° / 48.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files

SAMSUNG

LED LH181B
 FWHM / FWTM 26.0° / 53.0°
 Efficiency 93 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

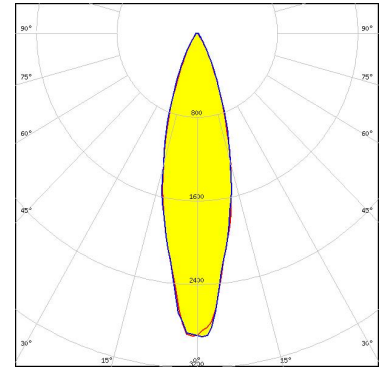


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

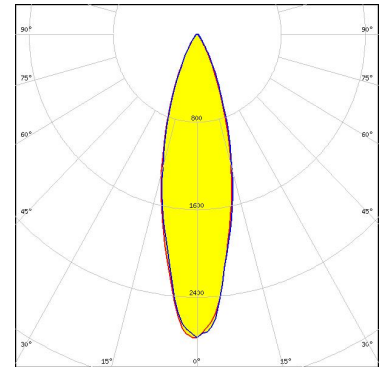
LED LH351B
FWHM / FWTM 27.0° / 56.0°
Efficiency 94 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

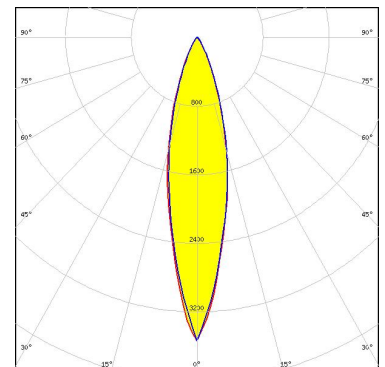
LED LH351C
FWHM / FWTM 28.0° / 57.0°
Efficiency 94 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files




LED SEOUL DC 3030
FWHM / FWTM 24.0° / 52.0°
Efficiency 94 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):

 SEOUL SEMICONDUCTOR	
LED	Z8Y22
FWHM / FWTM	26.4° / 55.1°
Efficiency	94 %
Peak intensity	2.9 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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P.R.CHINA

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