

VIRPI-S

~15° spot beam

SPECIFICATION:

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

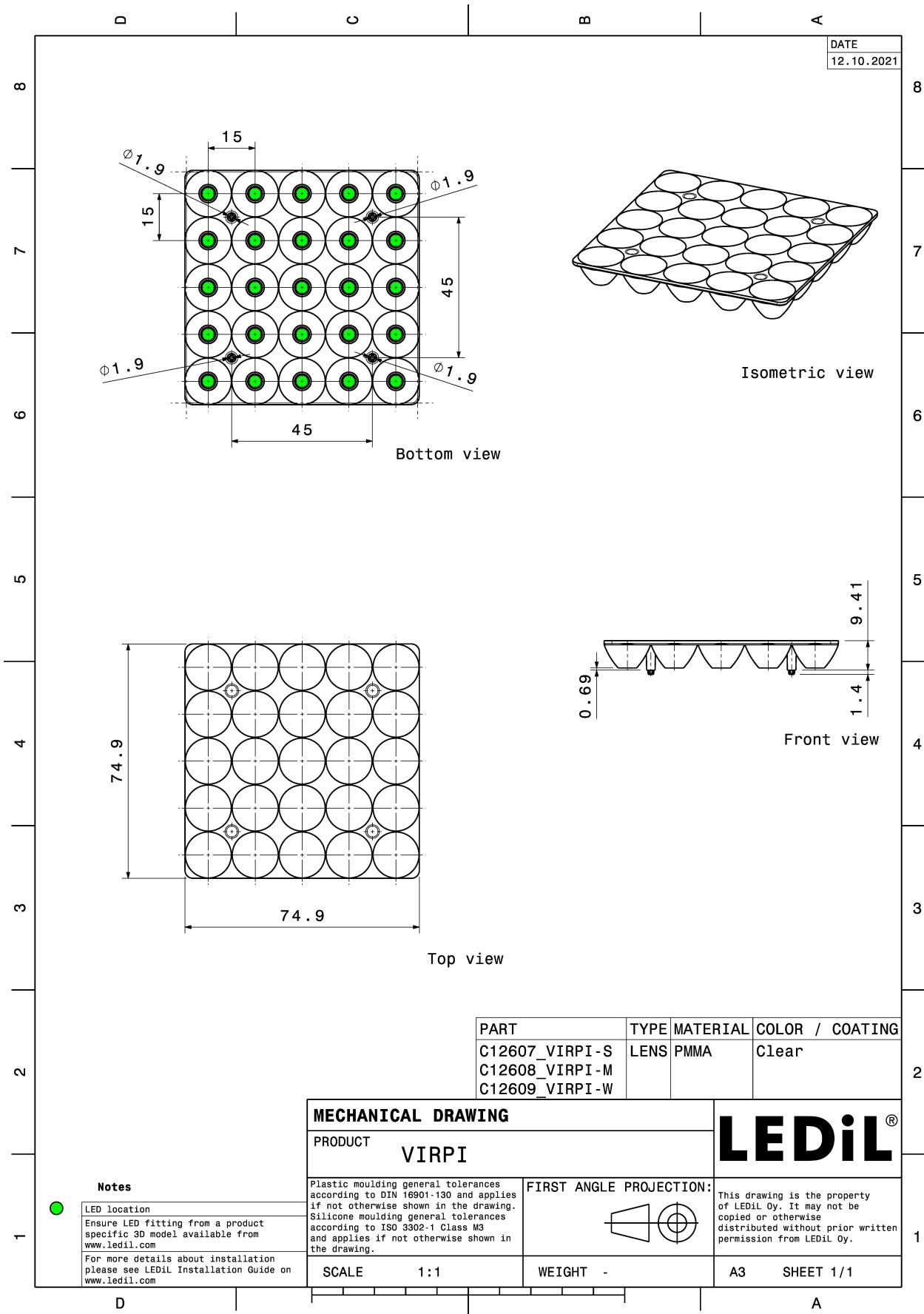


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
VIRPI-S	Multi-lens	PMMA	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12607_VIRPI-S	360	45	15	12.0
» Box size: 480 x 280 x 300 mm				

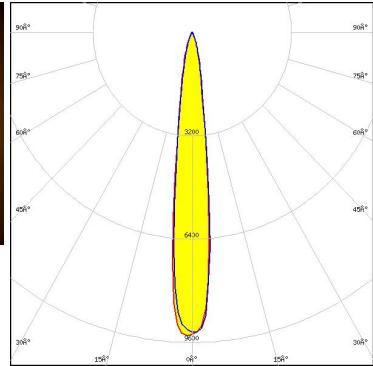
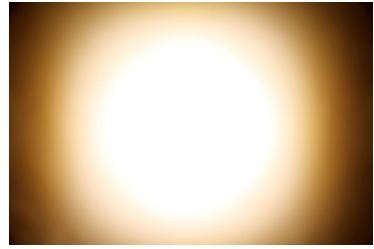


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



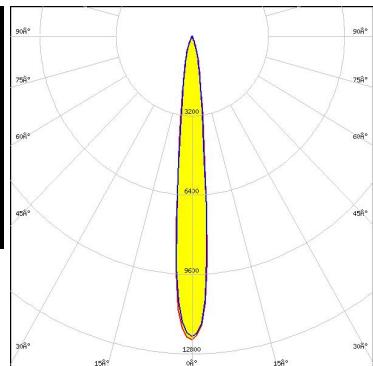
LED XB-D
 FWHM / FWTM 13.0° / 30.0°
 Efficiency 92 %
 Peak intensity 9.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



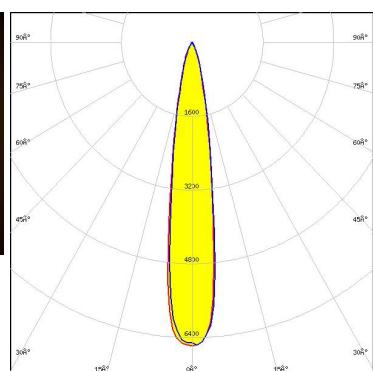
LED XP-E2
 FWHM / FWTM 11.0° / 27.0°
 Efficiency 94 %
 Peak intensity 12.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-G
 FWHM / FWTM 16.0° / 36.0°
 Efficiency 94 %
 Peak intensity 6.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

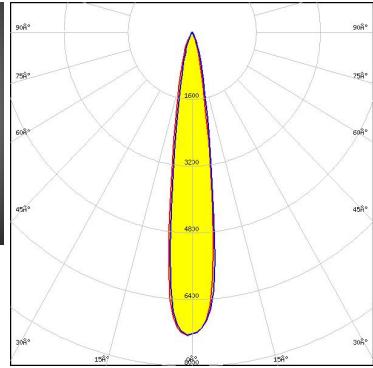
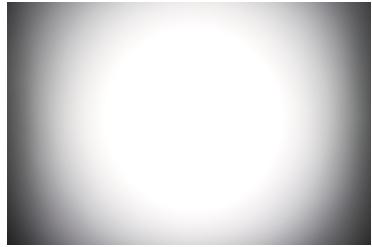


Light distribution files

OPTICAL RESULTS (MEASURED):



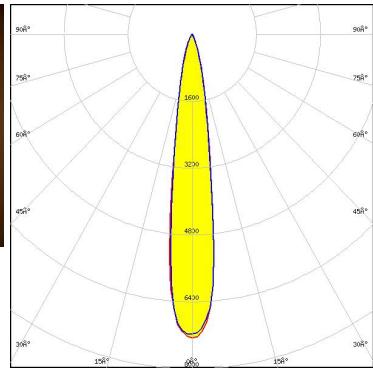
LED XP-G2
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 94 %
 Peak intensity 7.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



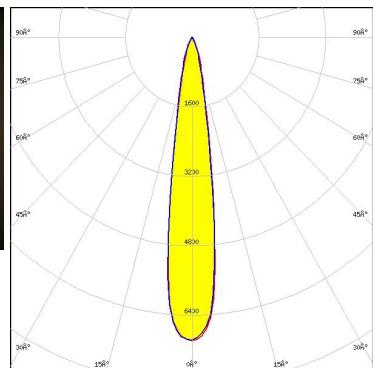
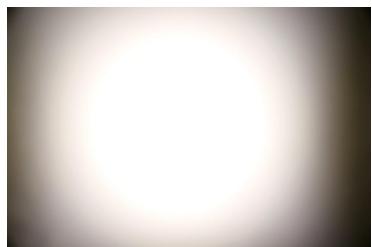
LED XT-E
 FWHM / FWTM 15.0° / 34.0°
 Efficiency 94 %
 Peak intensity 7.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON Rebel ES
 FWHM / FWTM 16.0° / 29.0°
 Efficiency 94 %
 Peak intensity 6.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

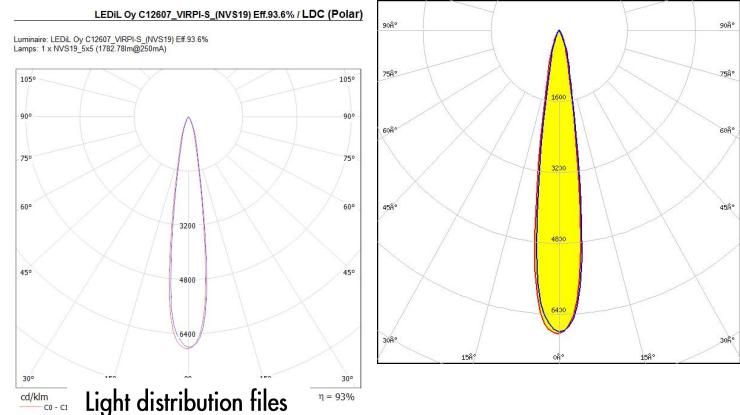


Light distribution files

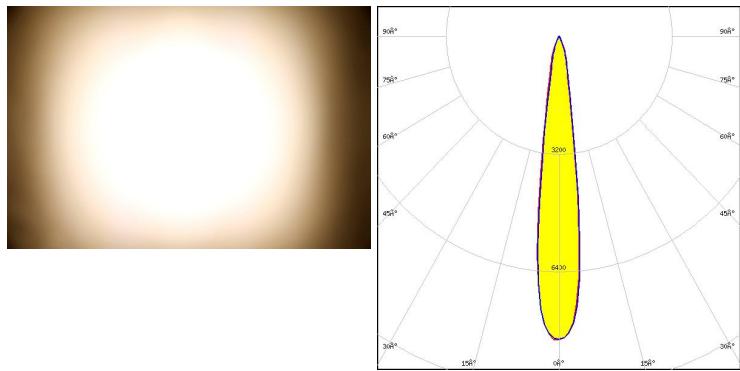
OPTICAL RESULTS (MEASURED):



LED NVSxx19A
 FWHM / FWTM 16.0° / 34.0°
 Efficiency 93 %
 Peak intensity 6.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



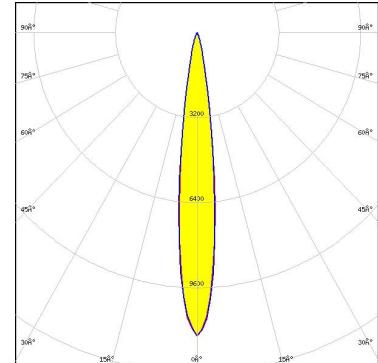
LED OSLON Square EC
 FWHM / FWTM 15.0° / 31.0°
 Efficiency 94 %
 Peak intensity 8.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



OPTICAL RESULTS (SIMULATED):



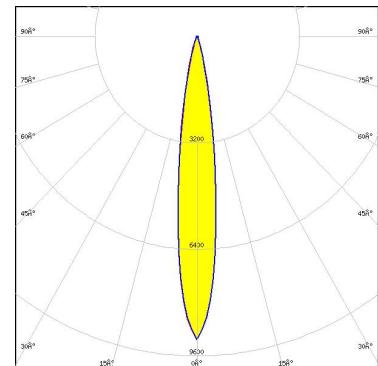
LED J Series 3030
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 95 %
 Peak intensity 11.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



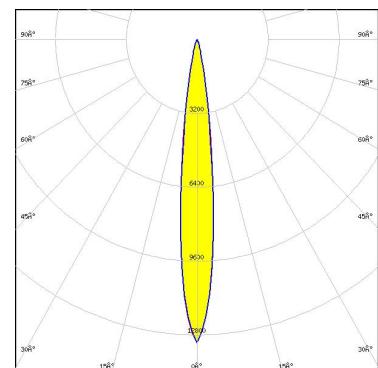
LED XD16
 FWHM / FWTM 14.0° / 30.0°
 Efficiency 94 %
 Peak intensity 9.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON 2835 Architectural
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 95 %
 Peak intensity 13.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

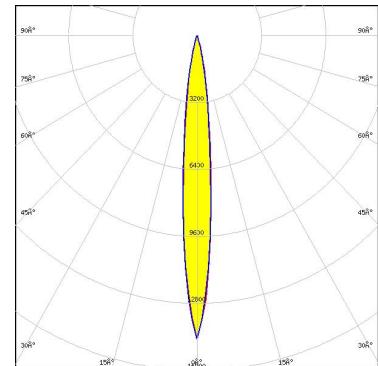


Light distribution files

OPTICAL RESULTS (SIMULATED):



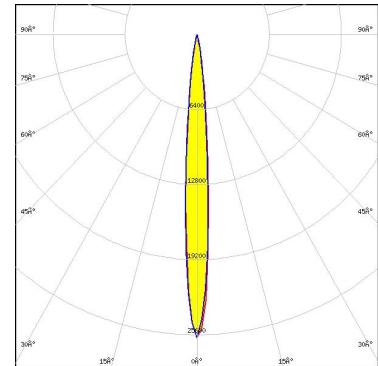
LED LUXEON C
 FWHM / FWTM 11.0° / 25.0°
 Efficiency 86 %
 Peak intensity 14.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



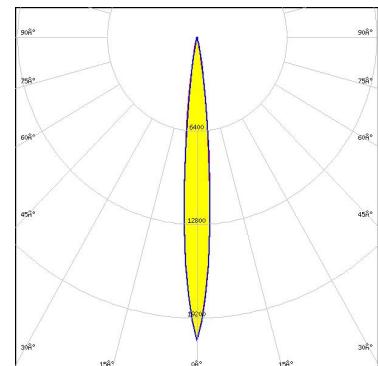
LED LUXEON CZ
 FWHM / FWTM 8.8° / 19.0°
 Efficiency 94 %
 Peak intensity 26 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON HL1Z
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 96 %
 Peak intensity 20.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



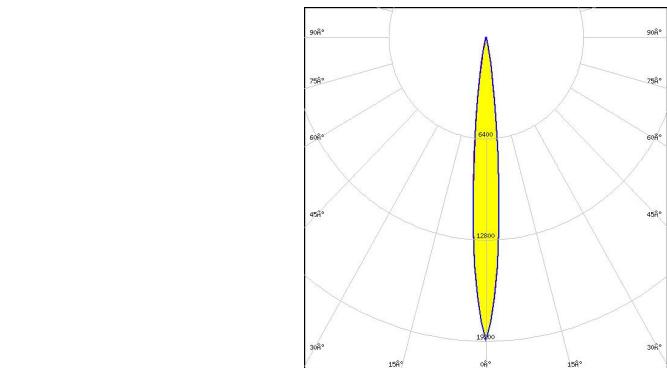
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED LUXEON HL1Z
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 88 %
 Peak intensity 19.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

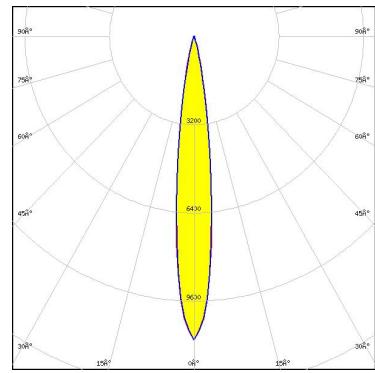


Light distribution files



LED LUXEON HL2Z
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 90 %
 Peak intensity 11 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

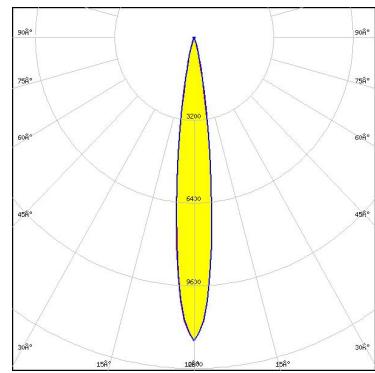
Protective plate, glass



Light distribution files



LED LUXEON HL2Z
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 97 %
 Peak intensity 11.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

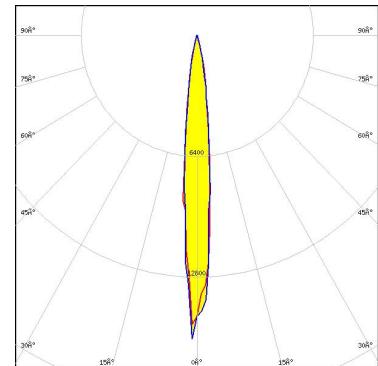


Light distribution files

OPTICAL RESULTS (SIMULATED):



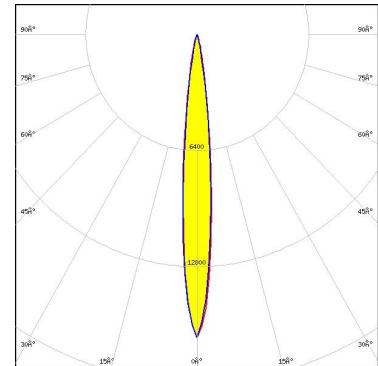
LED	LUXEON SunPlus 20 Line (150 deg)
FWHM / FWTM	13.0° / 25.0°
Efficiency	88 %
Peak intensity	15.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



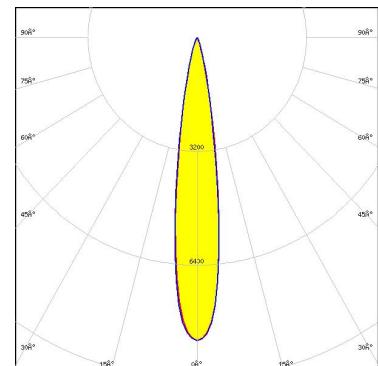
LED	LUXEON SunPlus 35 Line
FWHM / FWTM	12.0° / 23.0°
Efficiency	94 %
Peak intensity	16 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	LUXEON T
FWHM / FWTM	16.0° / 31.0°
Efficiency	93 %
Peak intensity	8.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

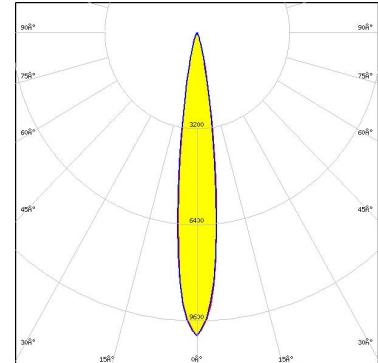


Light distribution files

OPTICAL RESULTS (SIMULATED):



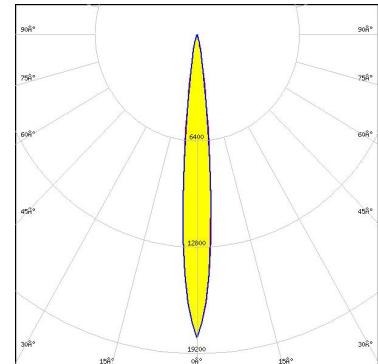
LED	LUXEON TX
FWHM / FWTM	15.0° / 29.0°
Efficiency	91 %
Peak intensity	10.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	LUXEON Z ES
FWHM / FWTM	10.0° / 22.0°
Efficiency	96 %
Peak intensity	18.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

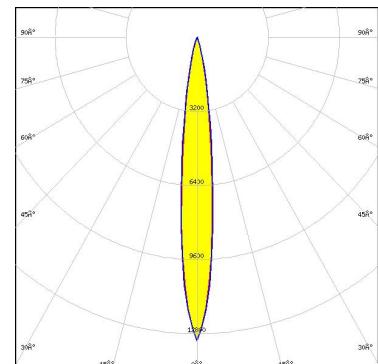


Protective plate, glass

Light distribution files



LED	SST-10-B130
FWHM / FWTM	12.0° / 27.0°
Efficiency	95 %
Peak intensity	13.1 cd/lm
LEDs/each optic	1
Light colour/type	Red
Required components:	

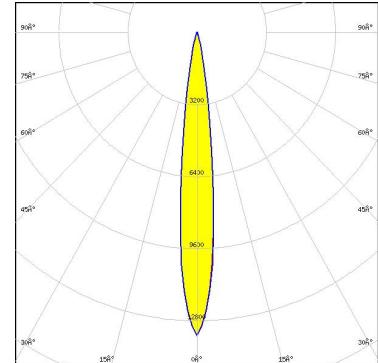


Light distribution files

OPTICAL RESULTS (SIMULATED):



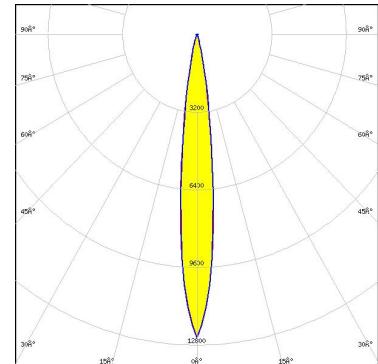
LED SST-20 Gen1
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 95 %
 Peak intensity 13.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



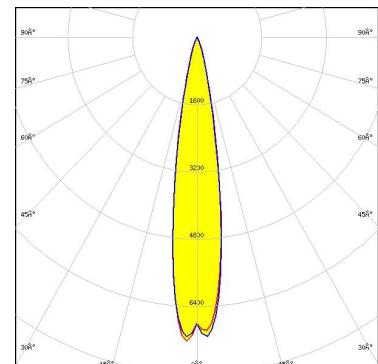
LED NVSxE21A
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 95 %
 Peak intensity 12.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSxx19B/NVSxx19C
 FWHM / FWTM 18.0° / 33.0°
 Efficiency 94 %
 Peak intensity 7.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



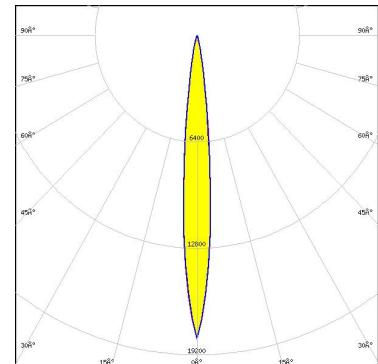
Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

LED OSCONIQ P 3030
FWHM / FWTM 10.0° / 22.0°
Efficiency 95 %
Peak intensity 18.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

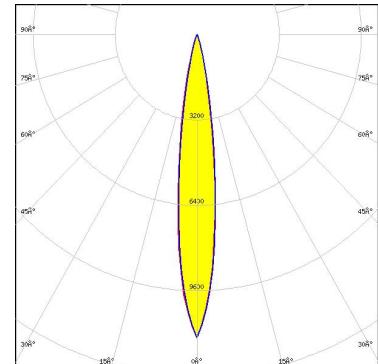


Light distribution files

OSRAM

Opto Semiconductors

LED OSLON SSL 150
FWHM / FWTM 14.0° / 28.0°
Efficiency 96 %
Peak intensity 11.4 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:

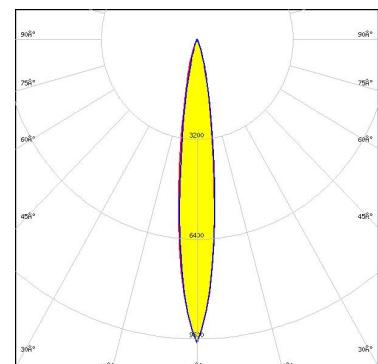


Light distribution files

OSRAM

Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 14.0° / 30.0°
Efficiency 95 %
Peak intensity 9.7 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:

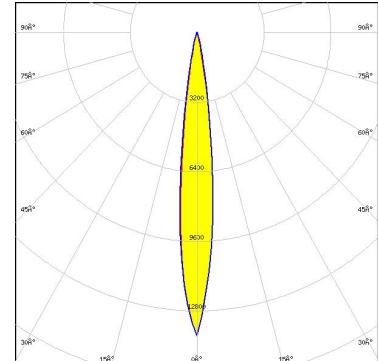


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

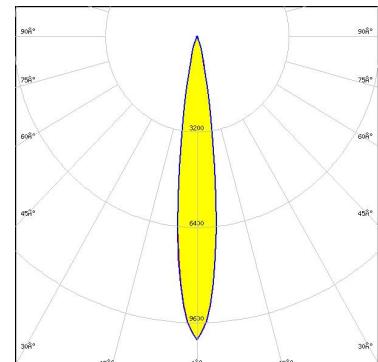
LED SFH 4715AS
FWHM / FWTM 13.0° / 24.0°
Efficiency 94 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files

SAMSUNG

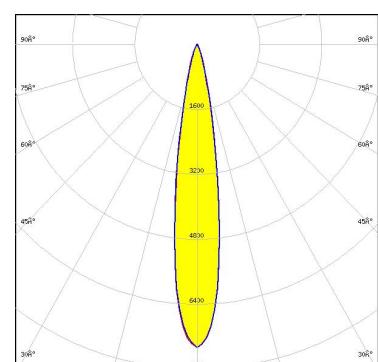
LED LH181B
FWHM / FWTM 14.0° / 28.0°
Efficiency 95 %
Peak intensity 10.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LH351B
FWHM / FWTM 17.0° / 33.0°
Efficiency 97 %
Peak intensity 7.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

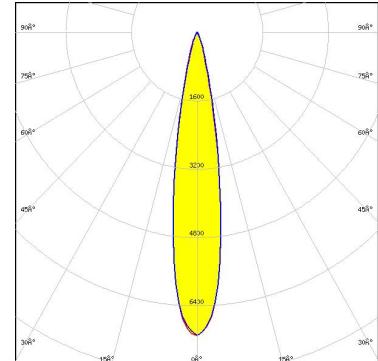


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

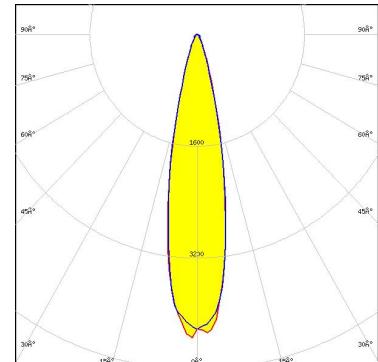
LED LH351C
 FWHM / FWTM 18.0° / 34.0°
 Efficiency 97 %
 Peak intensity 7.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

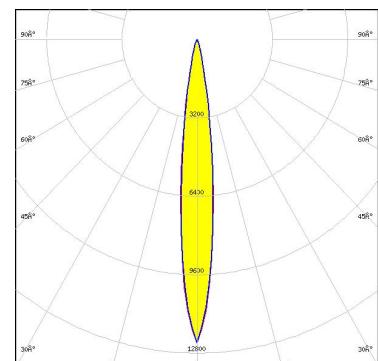
LED LH351D
 FWHM / FWTM 22.0° / 42.0°
 Efficiency 96 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

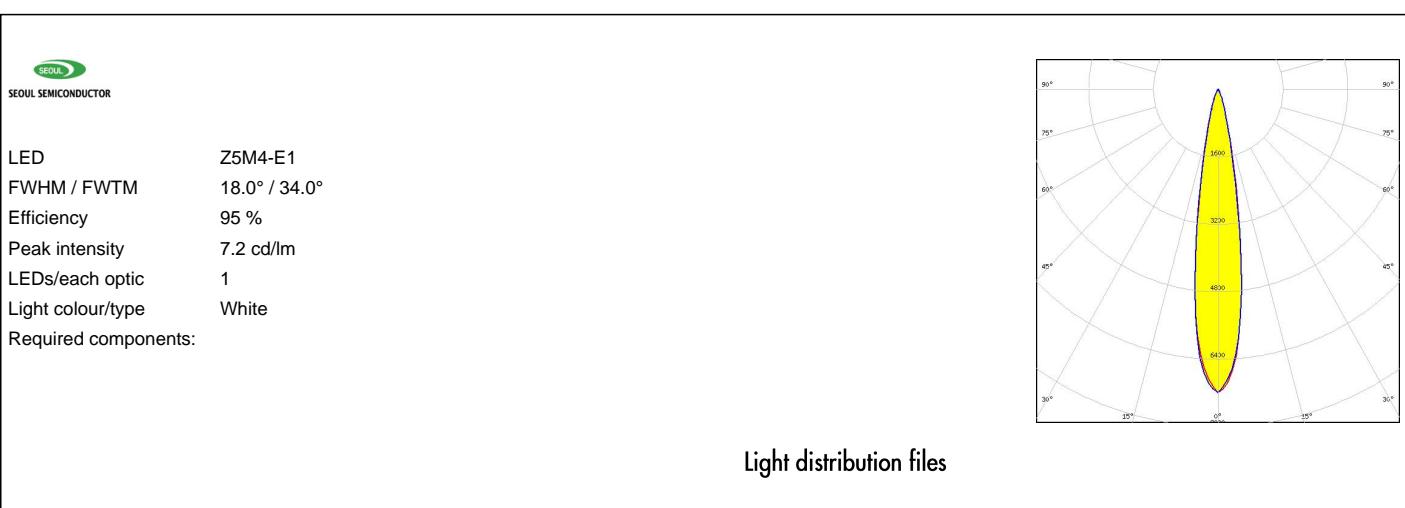
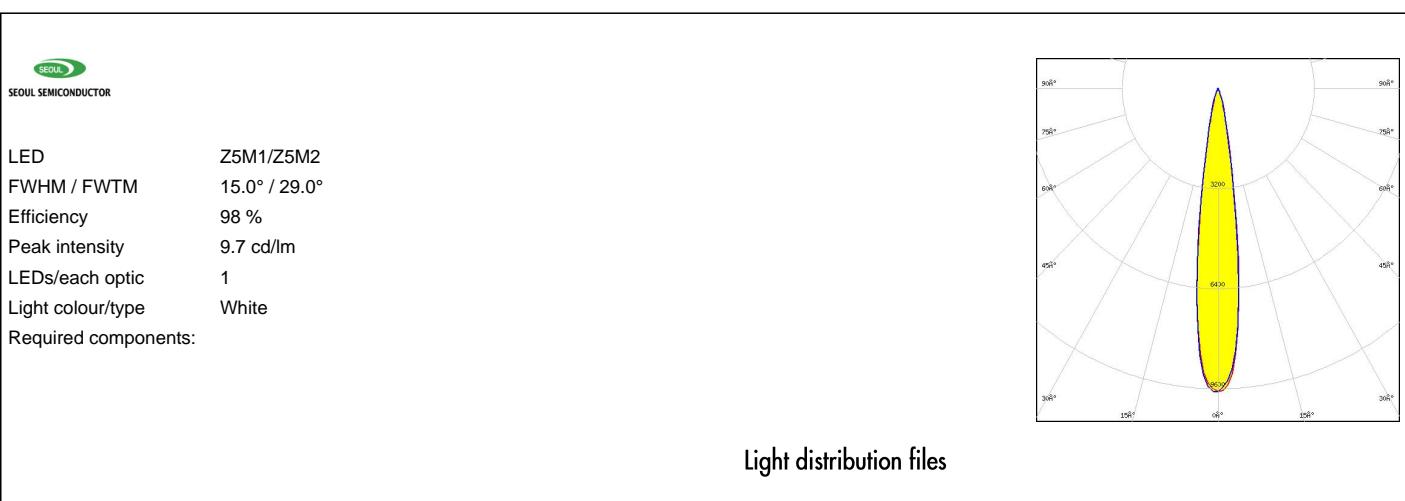
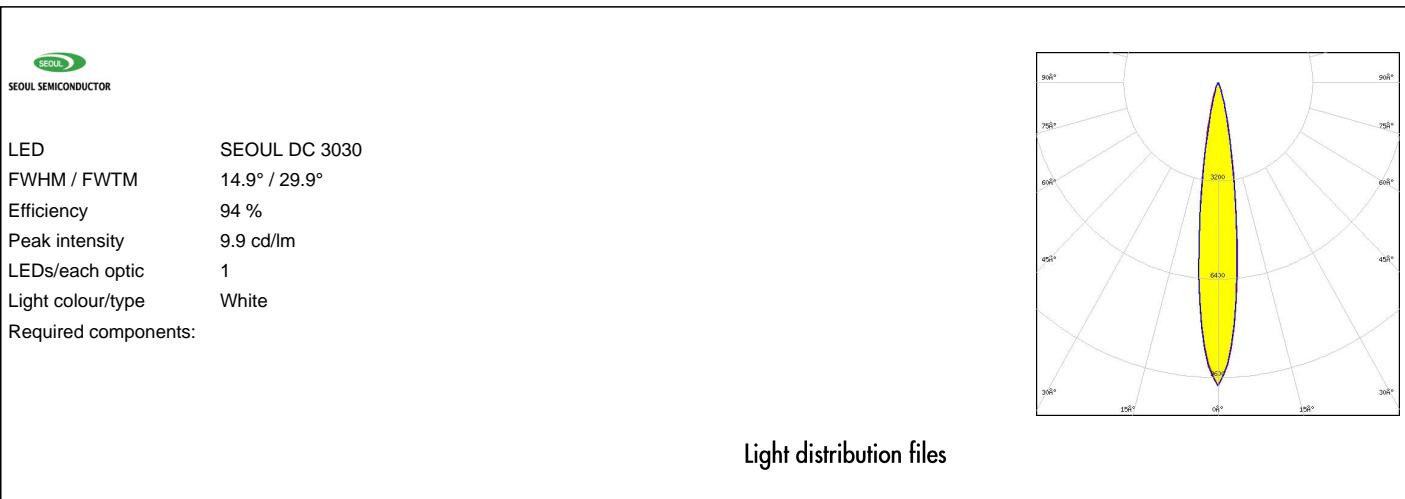
SAMSUNG

LED LM301B
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 96 %
 Peak intensity 12.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

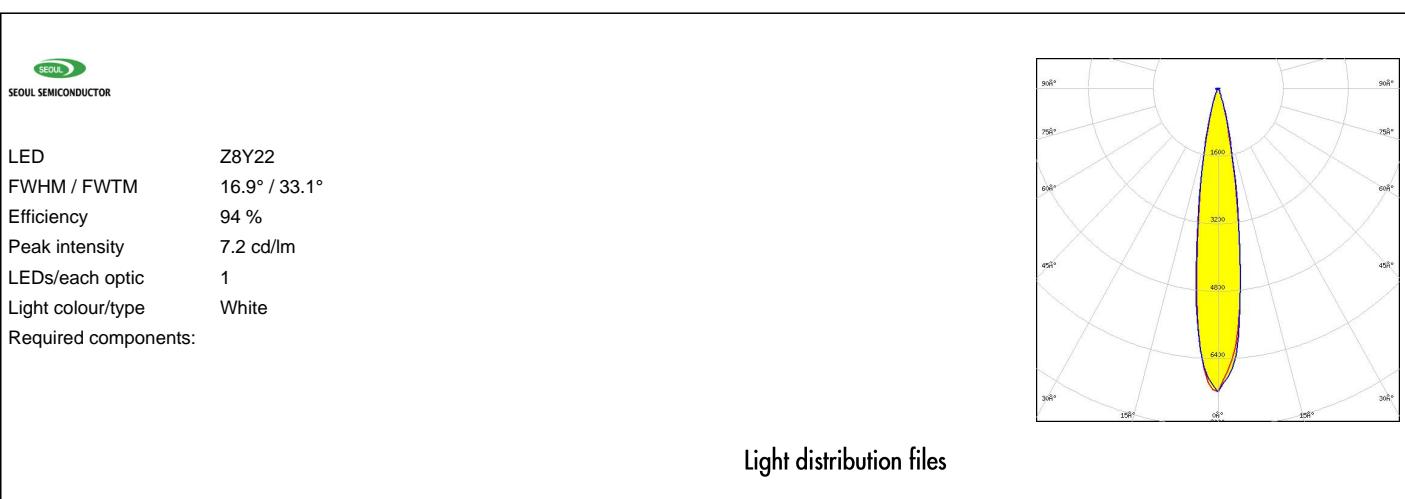
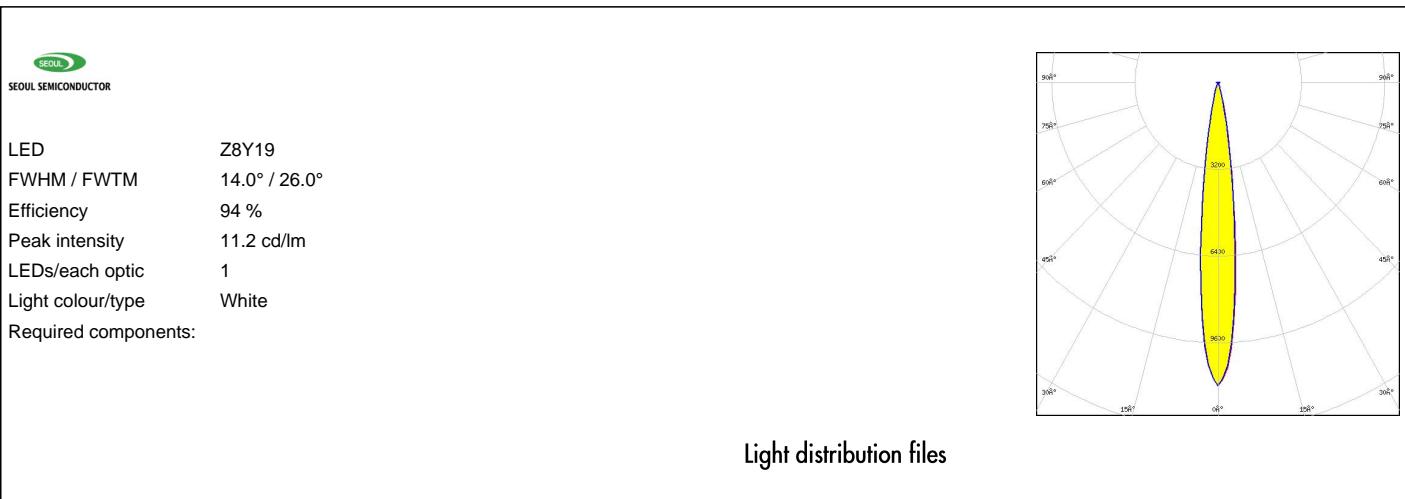


Light distribution files

OPTICAL RESULTS (SIMULATED):



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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