

VIRPI-S

~15° spot beam

SPECIFICATION:

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

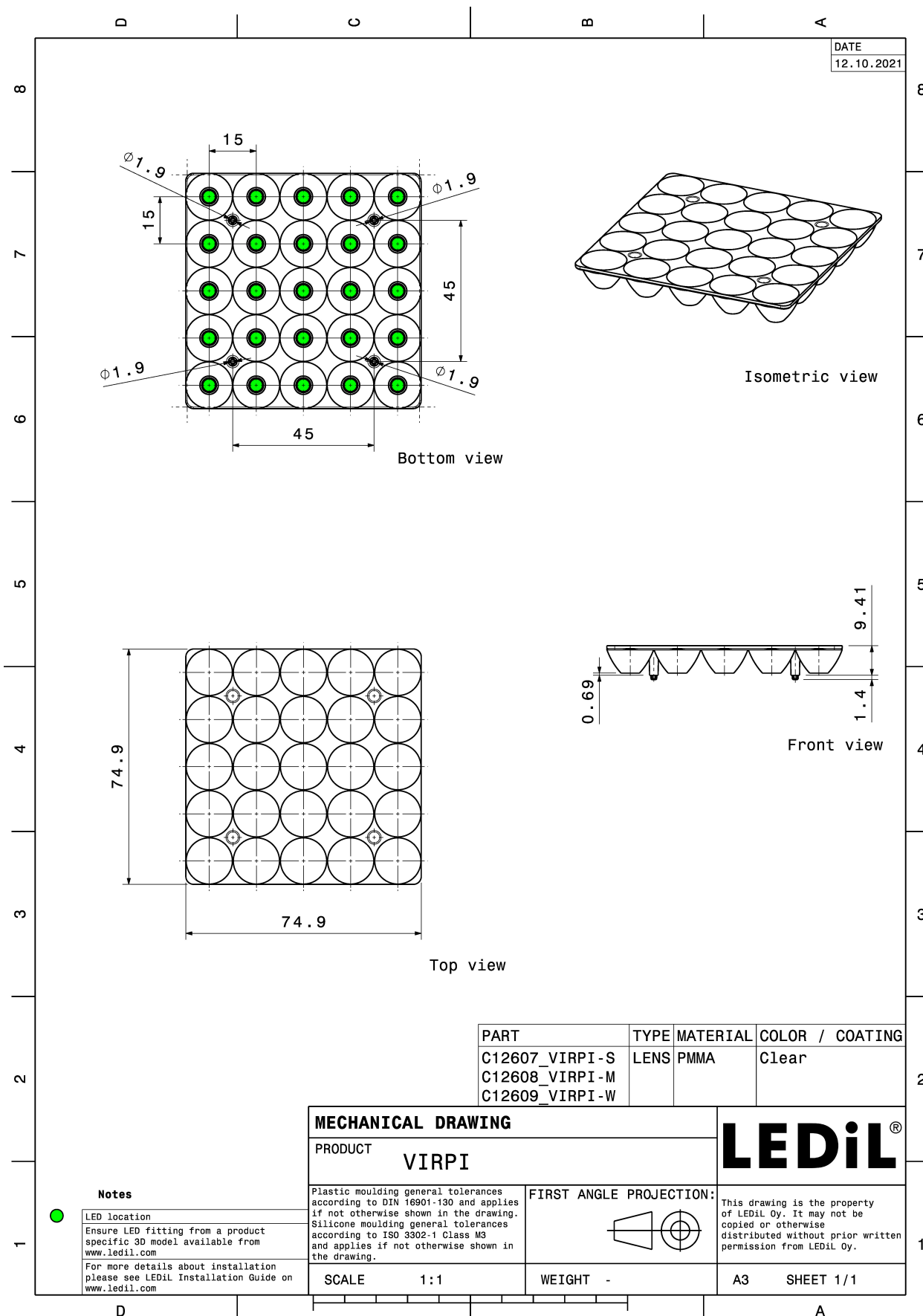


MATERIALS:

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 » Box size: 480 x 280 x 300 mm	360	45	15	12.0

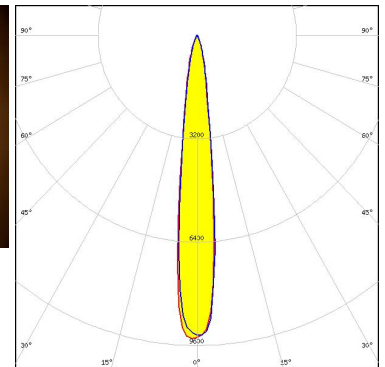
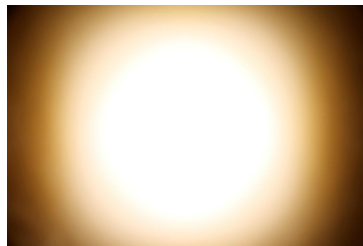


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



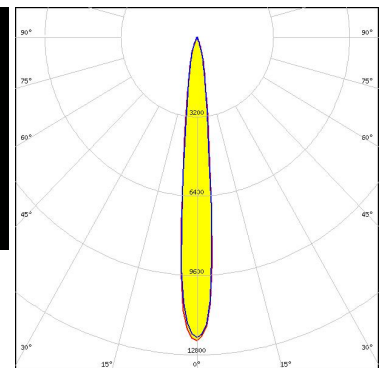
LED XB-D
FWHM / FWTM 13.0° / 30.0°
Efficiency 92 %
Peak intensity 9.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



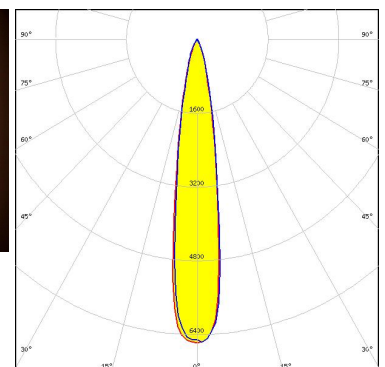
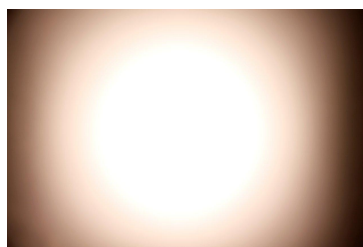
LED XP-E2
FWHM / FWTM 11.0° / 27.0°
Efficiency 94 %
Peak intensity 12.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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:

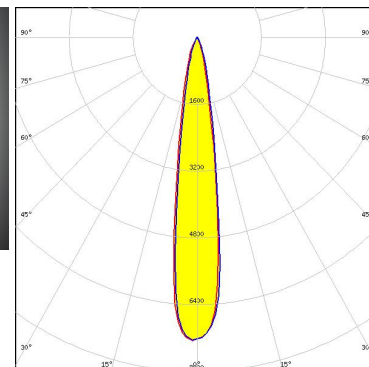


Light distribution files

OPTICAL RESULTS (MEASURED):



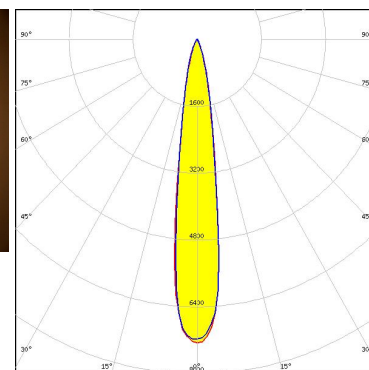
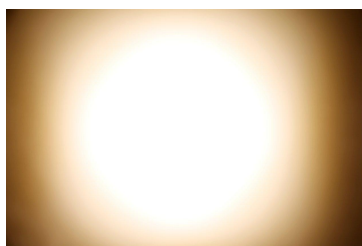
LED XP-G2
FWHM / FWTM 16.0° / 34.0°
Efficiency 94 %
Peak intensity 7.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



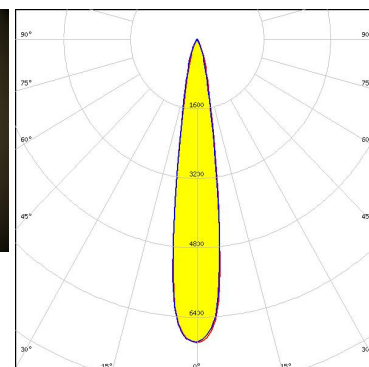
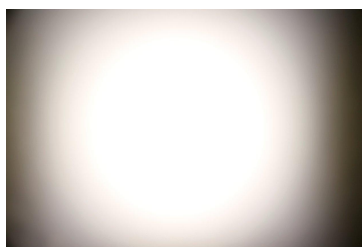
LED XT-E
FWHM / FWTM 15.0° / 34.0°
Efficiency 94 %
Peak intensity 7.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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:



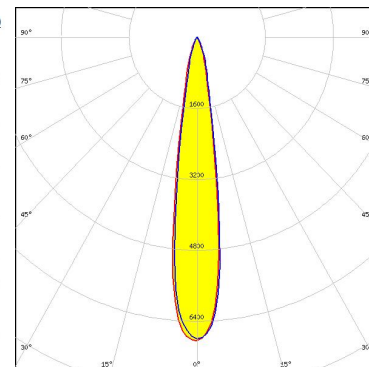
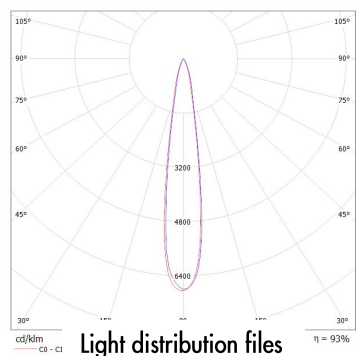
Light distribution files

OPTICAL RESULTS (MEASURED):

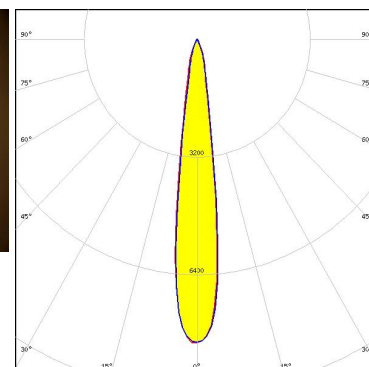
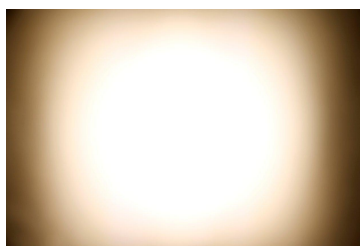


LED NVSxx19A
FWHM / FWTM 16.0° / 34.0°
Efficiency 93 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

LEDiL Oy C12607_VIRPI-S (NVS19) Eff 93.6% / LDC (Polar)
Luminaire: LEDiL Oy C12607_VIRPI-S (NVS19) Eff 93.6%
Lamps: 1 x NVS19_S45 (1762.7lm@250mA)



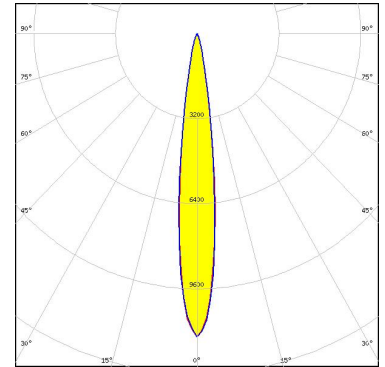
LED OSLON Square EC
FWHM / FWTM 15.0° / 31.0°
Efficiency 94 %
Peak intensity 8.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



OPTICAL RESULTS (SIMULATED):



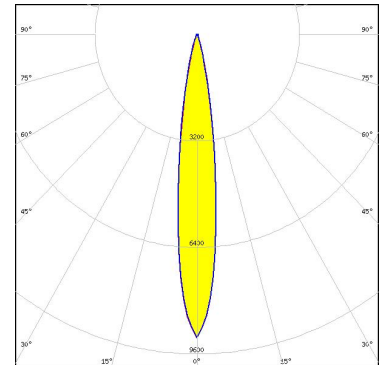
LED JB3030 HE B Class
FWHM / FWTM 14.0° / 28.0°
Efficiency 95 %
Peak intensity 11.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



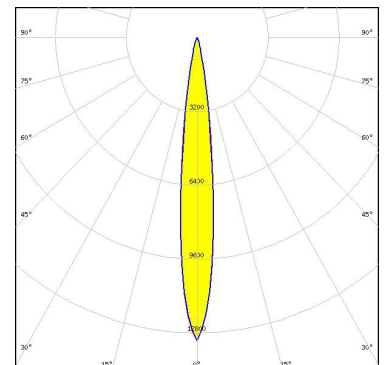
LED XD16
FWHM / FWTM 14.0° / 30.0°
Efficiency 94 %
Peak intensity 9.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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:

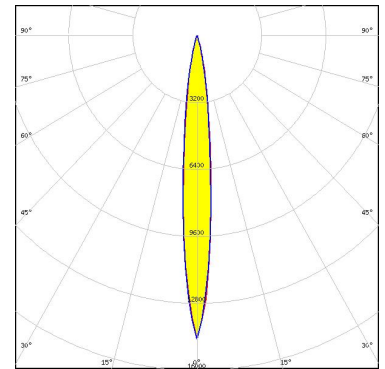


Light distribution files

OPTICAL RESULTS (SIMULATED):



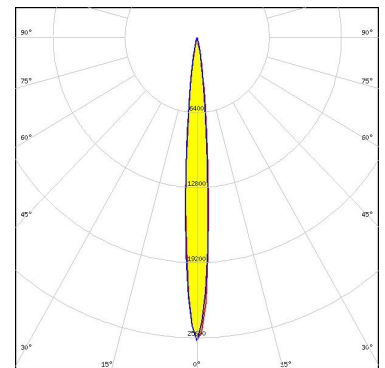
LED LUXEON C
FWHM / FWTM 11.0° / 25.0°
Efficiency 86 %
Peak intensity 14.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



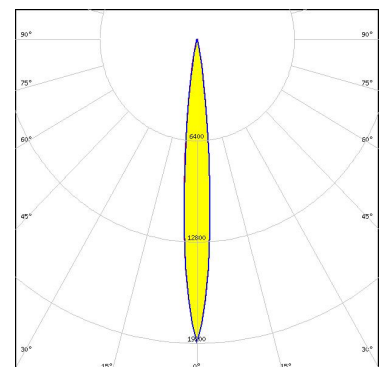
LED LUXEON CZ
FWHM / FWTM 8.8° / 19.0°
Efficiency 94 %
Peak intensity 26 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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



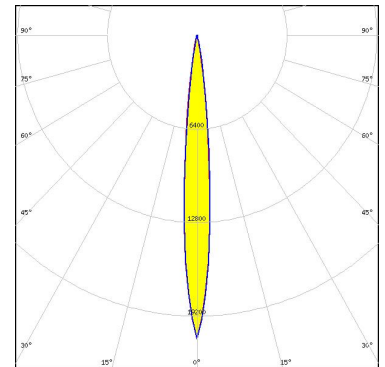
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):



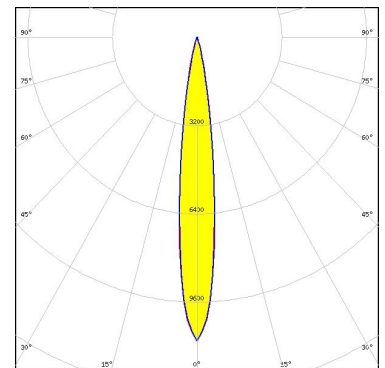
LED LUXEON HL1Z (White)
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 96 %
 Peak intensity 20.8 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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

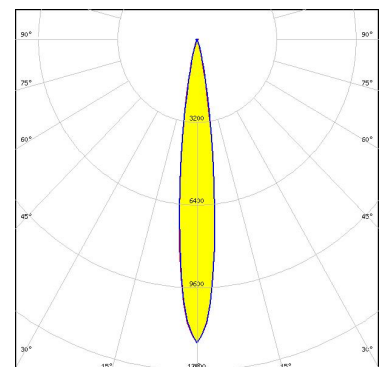


Protective plate, glass

Light distribution files



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

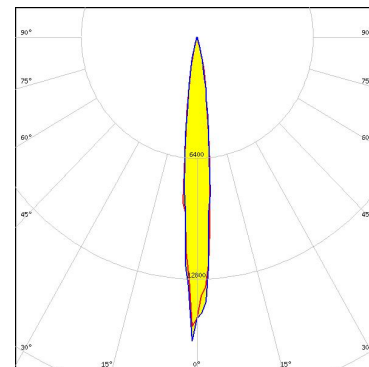


Light distribution files

OPTICAL RESULTS (SIMULATED):



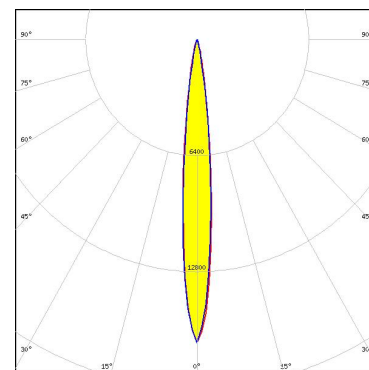
LED	LUXEON SunPlus 20 Line (150 deg)
FWHM / FWTM	13.0° / 25.0°
Efficiency	88 %
Peak intensity	15.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



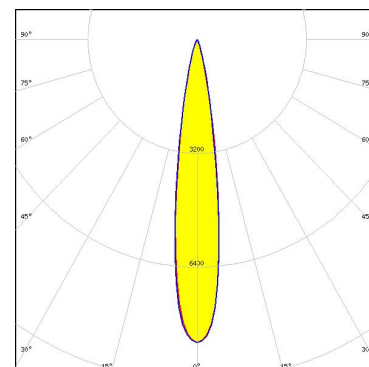
LED	LUXEON SunPlus 35 Line
FWHM / FWTM	12.0° / 23.0°
Efficiency	94 %
Peak intensity	16 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



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:	

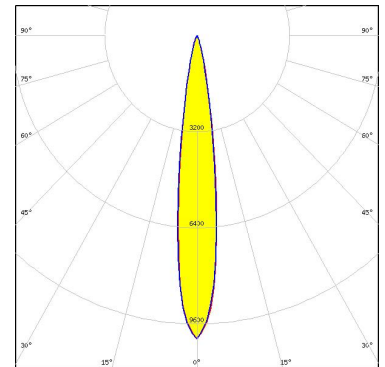


Light distribution files

OPTICAL RESULTS (SIMULATED):



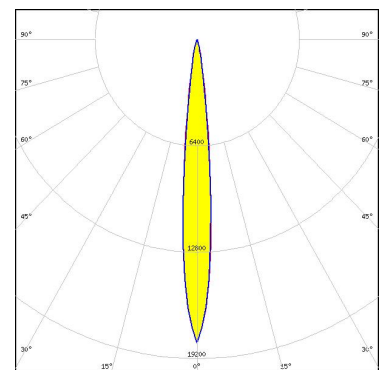
LED LUXEON TX
FWHM / FWTM 15.0° / 29.0°
Efficiency 91 %
Peak intensity 10.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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:

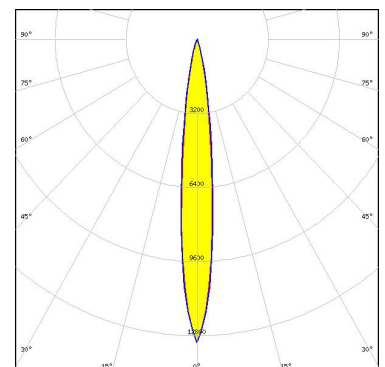


Protective plate, glass

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:

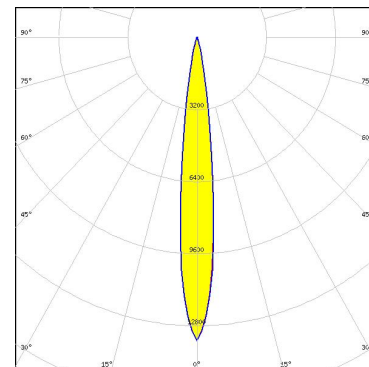


Light distribution files

OPTICAL RESULTS (SIMULATED):



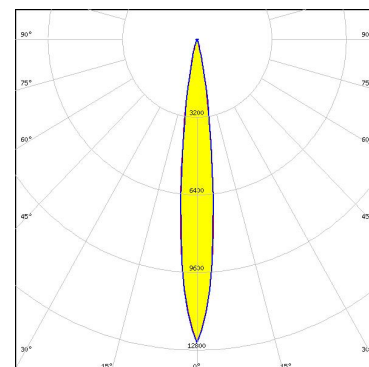
LED SST-20 Gen1
FWHM / FWTM 12.0° / 24.0°
Efficiency 95 %
Peak intensity 13.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



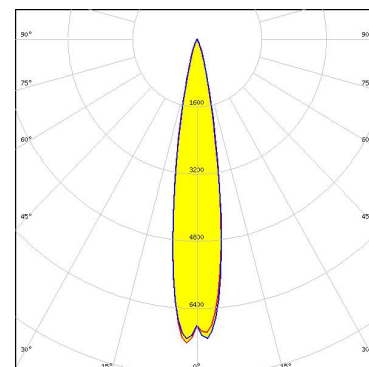
LED NVSxE21A
FWHM / FWTM 12.0° / 26.0°
Efficiency 95 %
Peak intensity 12.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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:

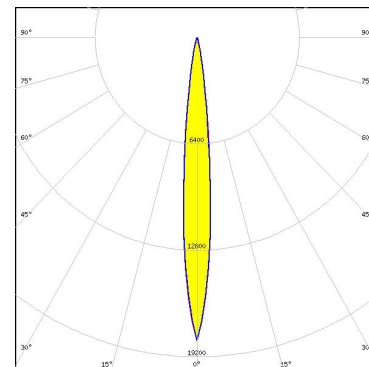


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

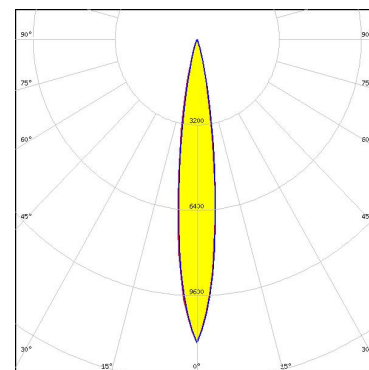
LED OSCONIQ P 3030
FWHM / FWTM 10.0° / 22.0°
Efficiency 95 %
Peak intensity 18.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

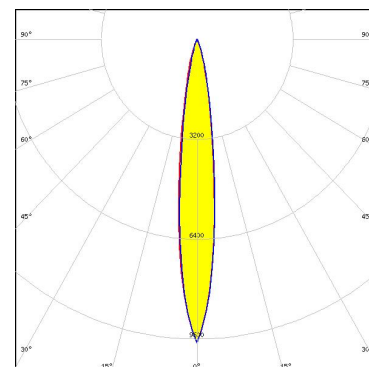
LED OSLOM SSL 150
FWHM / FWTM 14.0° / 28.0°
Efficiency 96 %
Peak intensity 11.4 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLOM 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:

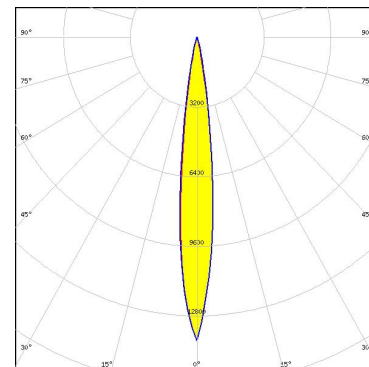


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

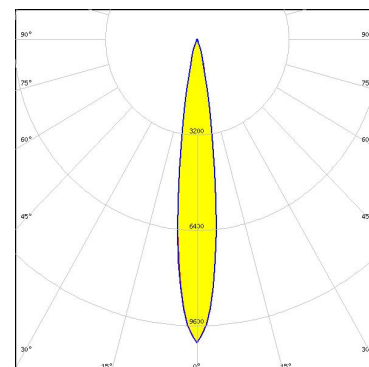
LED SFH 4715AS
FWHM / FWTM 13.0° / 24.0°
Efficiency 94 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files

SAMSUNG

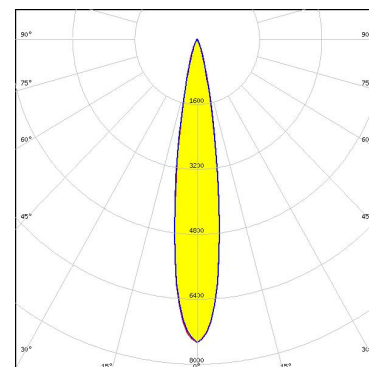
LED LH181B
FWHM / FWTM 14.0° / 28.0°
Efficiency 95 %
Peak intensity 10.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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:

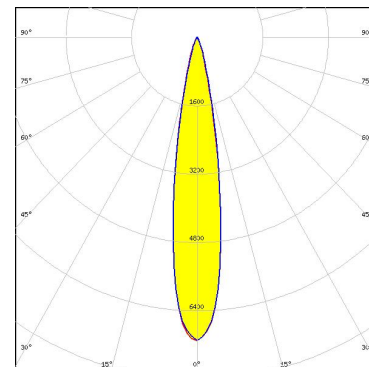


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

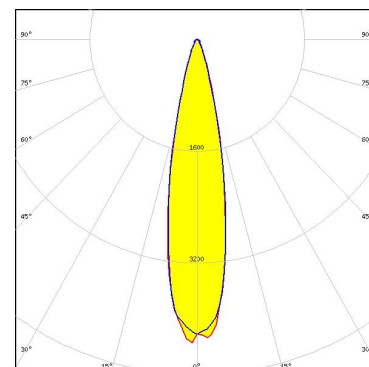
LED LH351C
FWHM / FWTM 18.0° / 34.0°
Efficiency 97 %
Peak intensity 7.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

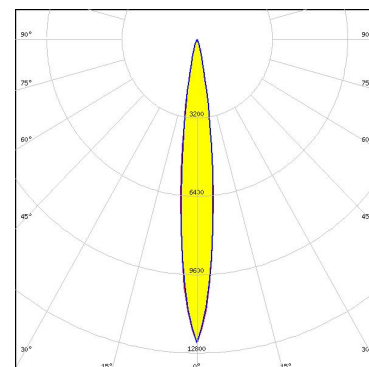
LED LH351D
FWHM / FWTM 22.0° / 42.0°
Efficiency 96 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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:

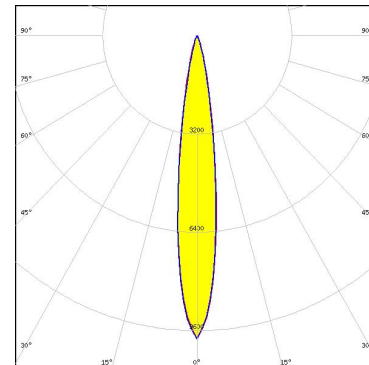


Light distribution files

OPTICAL RESULTS (SIMULATED):



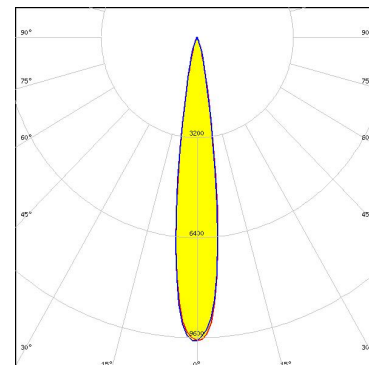
LED: SEOUL DC 3030
 FWHM / FWTM: 14.9° / 29.9°
 Efficiency: 94 %
 Peak intensity: 9.9 cd/lm
 LEDs/each optic: 1
 Light colour/type: White
 Required components:



Light distribution files



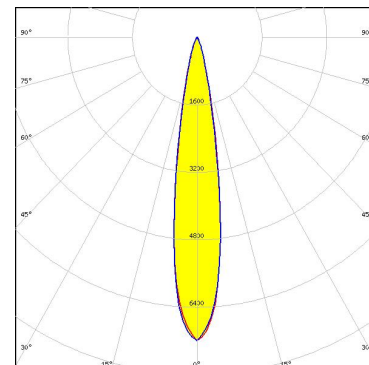
LED: Z5M1/Z5M2
 FWHM / FWTM: 15.0° / 29.0°
 Efficiency: 98 %
 Peak intensity: 9.7 cd/lm
 LEDs/each optic: 1
 Light colour/type: White
 Required components:



Light distribution files



LED: Z5M4-E1
 FWHM / FWTM: 18.0° / 34.0°
 Efficiency: 95 %
 Peak intensity: 7.2 cd/lm
 LEDs/each optic: 1
 Light colour/type: White
 Required components:

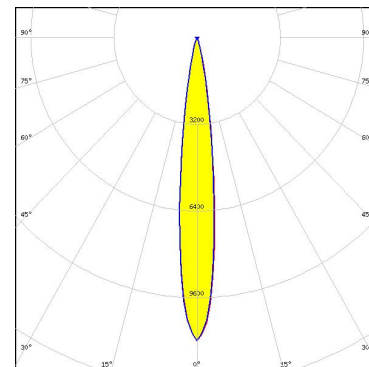


Light distribution files

OPTICAL RESULTS (SIMULATED):



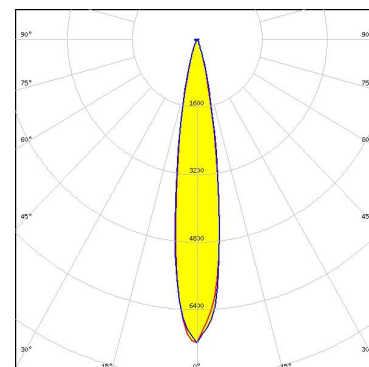
LED Z8Y19
FWHM / FWTM 14.0° / 26.0°
Efficiency 94 %
Peak intensity 11.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED Z8Y22
FWHM / FWTM 16.9° / 33.1°
Efficiency 94 %
Peak intensity 7.2 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 7
FI-24100 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[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)