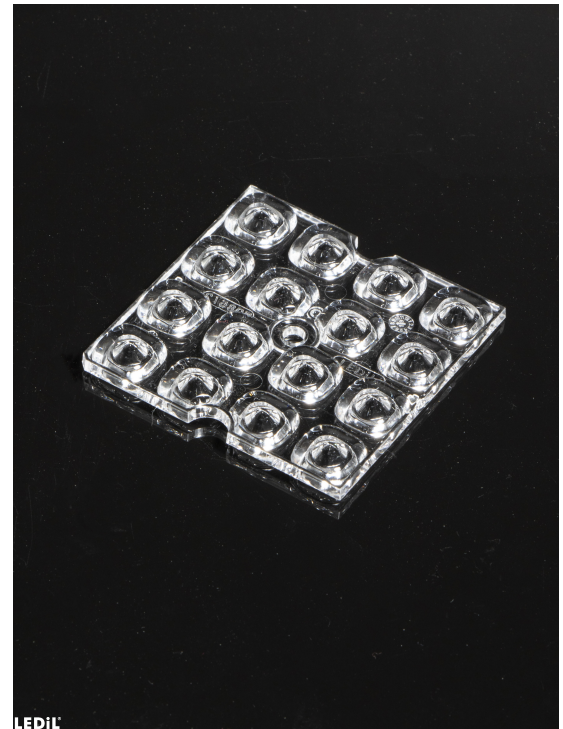


STRADELLA-16-VSM

IESNA Type V (square) beam for wide areas such as car parks.

SPECIFICATION:

Dimensions	49.5 x 49.5
Height	4.2 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

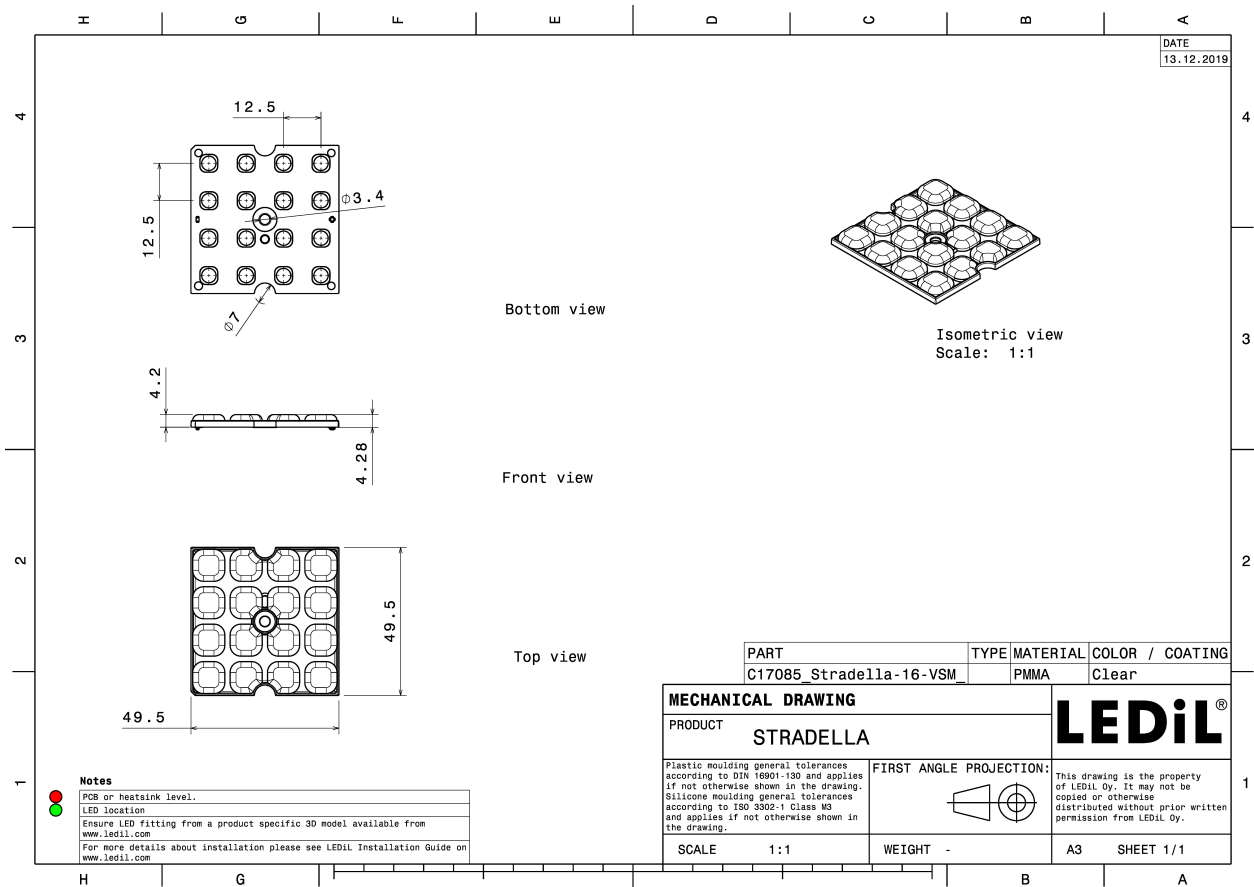


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
STRADELLA-16-VSM	Multi-lens	PMMA	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17085_STRADELLA-16-VSM » Box size: 480 x 280 x 300 mm	800	160	160	6.5

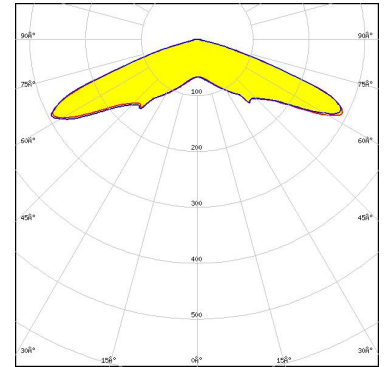


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



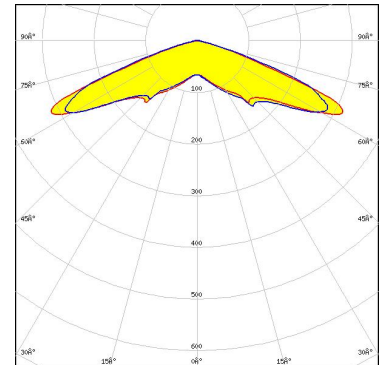
LED JB3030 HE B Class
 FWHM / FWTM Asymmetric
 Efficiency 98 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



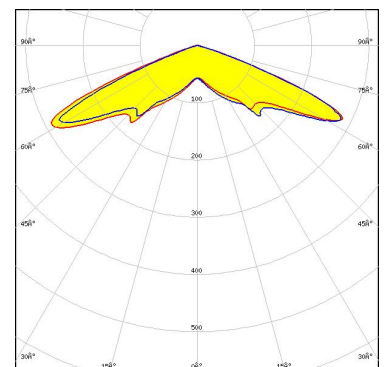
LED EHP-223.5x50-1604-xx-70-LS30-06-NTC
 FWHM / FWTM Asymmetric
 Efficiency 98 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON 3030 2D (Square LES)
 FWHM / FWTM 139.0° / 147.0°
 Efficiency 86 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



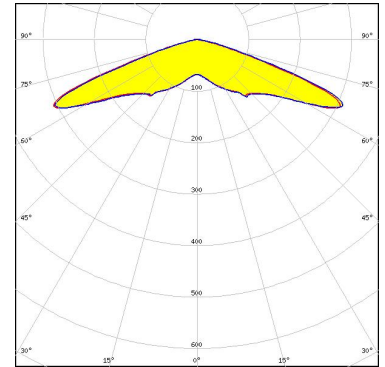
Protective plate, glass

Light distribution files

OPTICAL RESULTS (MEASURED):



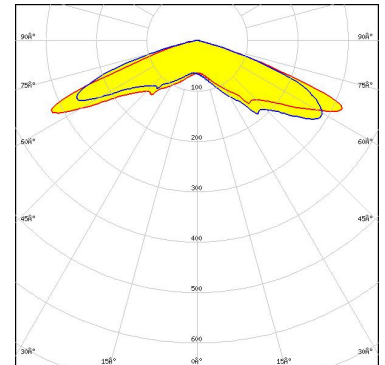
LED RecLED 172x50mm 3000lm 3x16 STRADELLA-16
 FWHM / FWTM Asymmetric
 Efficiency 98 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



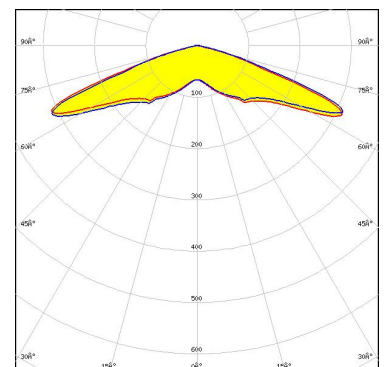
LED NF2x757G
 FWHM / FWTM 141.0° / 153.0°
 Efficiency 98 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED RLE 4x16 4000lm MP ADV2 OTD
 FWHM / FWTM 141.0° / 155.0°
 Efficiency 98 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

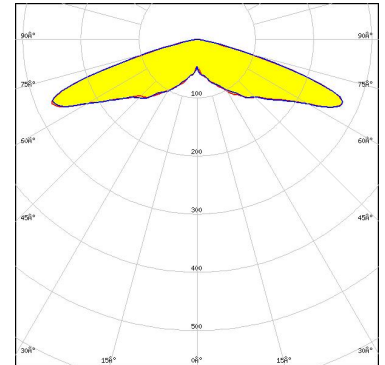


Light distribution files

OPTICAL RESULTS (SIMULATED):



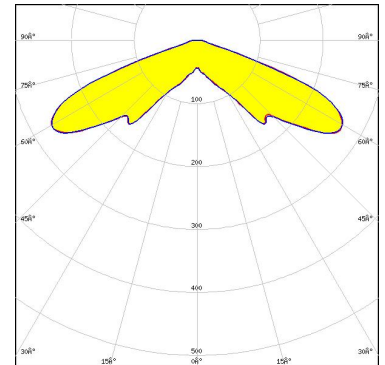
LED Bridgelux SMD 2835
 FWHM / FWTM 146.0° / 158.0°
 Efficiency 95 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



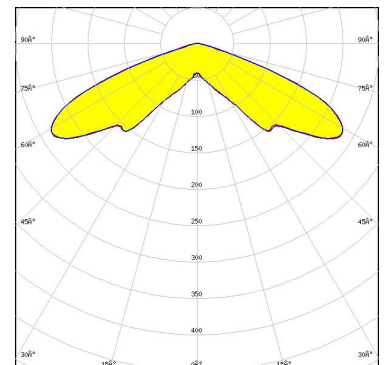
LED CSP 2727 (BXCP)
 FWHM / FWTM 140.0° / 150.0°
 Efficiency 95 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED CSP 2727 (BXCP)
 FWHM / FWTM 138.0° / 150.0°
 Efficiency 80 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



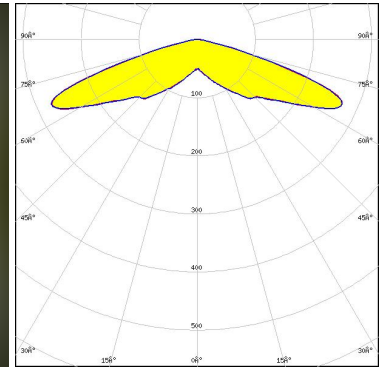
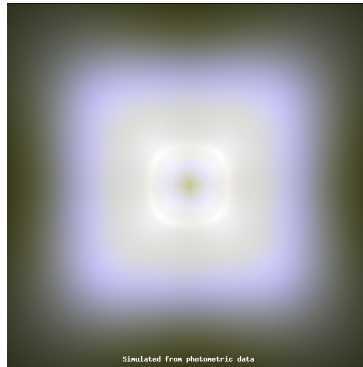
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):



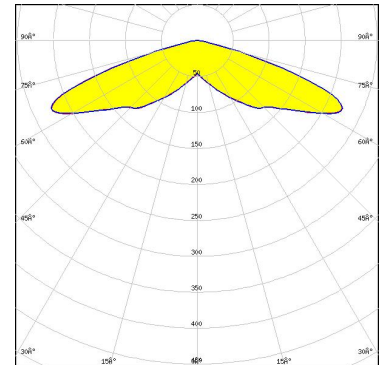
LED J Series 3030C
 FWHM / FWTM 146.0° / 158.0°
 Efficiency 95 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED J Series 3030C
 FWHM / FWTM 146.0° / 156.0°
 Efficiency 78 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

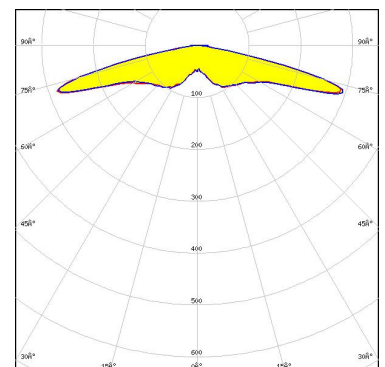


Protective plate, glass

Light distribution files



LED XP-E2
 FWHM / FWTM 155.0° / 164.0°
 Efficiency 92 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type Far Red
 Required components:

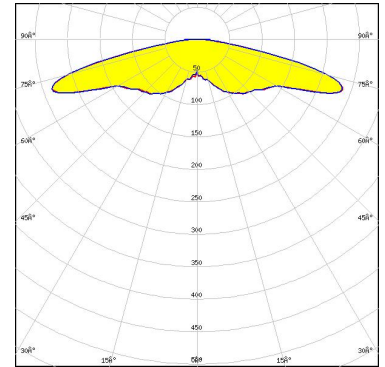


Light distribution files

OPTICAL RESULTS (SIMULATED):



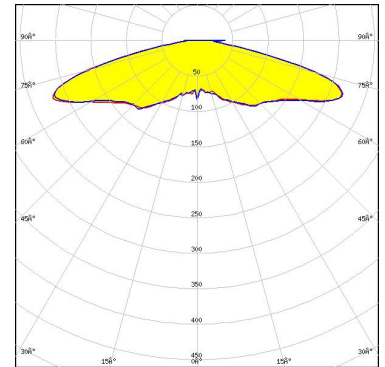
LED	XP-G
FWHM / FWTM	158.0° / 170.0°
Efficiency	91 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



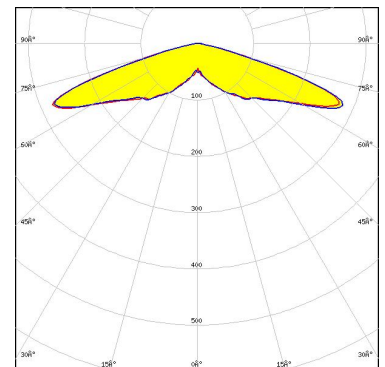
LED	XP-G3
FWHM / FWTM	155.0° / 175.0°
Efficiency	91 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	LUXEON 2835 Architectural
FWHM / FWTM	146.0° / 157.0°
Efficiency	95 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

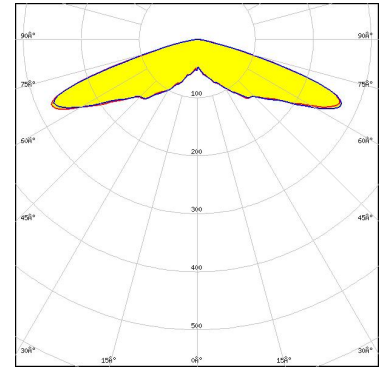


Light distribution files

OPTICAL RESULTS (SIMULATED):



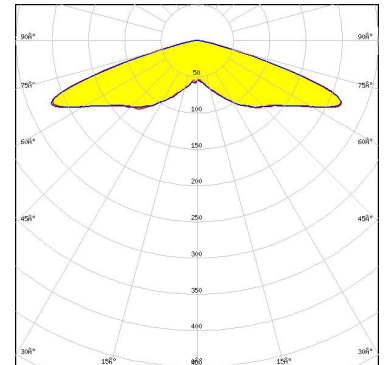
LED LUXEON 3030 HE Plus
 FWHM / FWTM 146.0° / 158.0°
 Efficiency 95 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON 3535L HE PLUS
 FWHM / FWTM 146.0° / 156.0°
 Efficiency 79 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

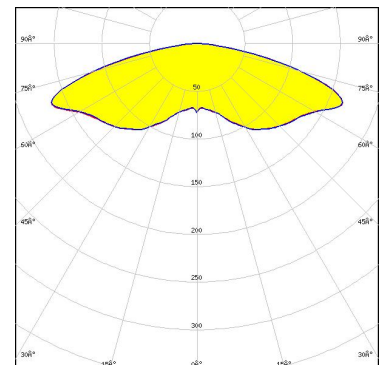


Protective plate, glass

Light distribution files



LED LUXEON HL2X
 FWHM / FWTM 154.0° / 168.0°
 Efficiency 71 %
 Peak intensity 0.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



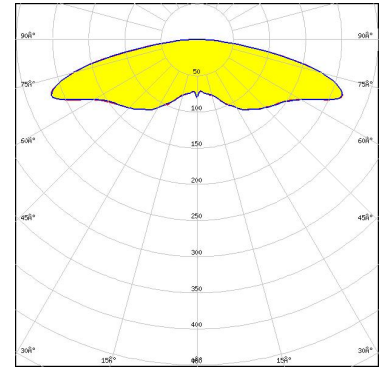
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):



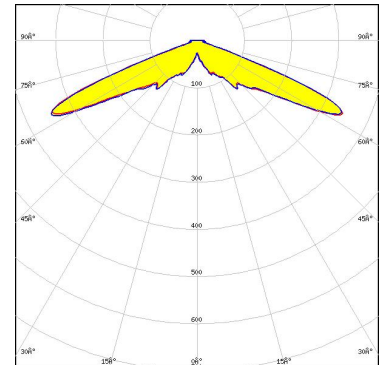
LED LUXEON HL2X
 FWHM / FWTM 160.0° / 174.0°
 Efficiency 92 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



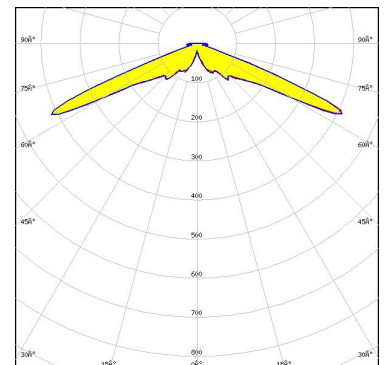
LED NCSxE17A
 FWHM / FWTM 137.0° / 143.0°
 Efficiency 95 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NFSWE11A
 FWHM / FWTM 136.0° / 142.0°
 Efficiency 93 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

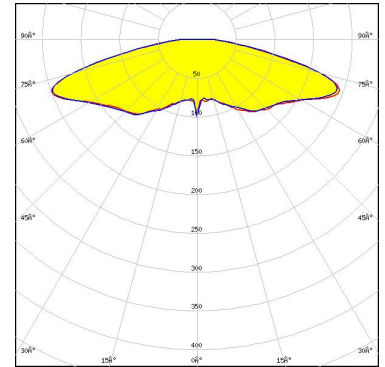


Light distribution files

OPTICAL RESULTS (SIMULATED):



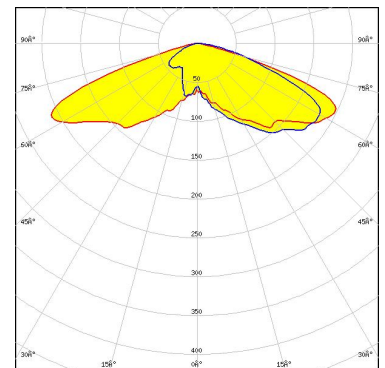
LED NVSW519A
 FWHM / FWTM 158.0° / 179.0°
 Efficiency 87 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED DURIS S5 (2 chip)
 FWHM / FWTM Asymmetric
 Efficiency 57 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C19771_STRADELLA-16-SHD-WHT

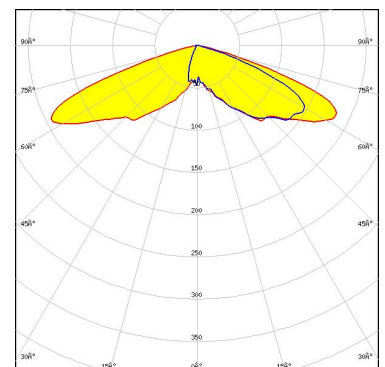


Light distribution files

Protective plate, glass



LED DURIS S5 (2 chip)
 FWHM / FWTM Asymmetric
 Efficiency 43 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C19770_STRADELLA-16-SHD-BLK



Light distribution files

Protective plate, glass

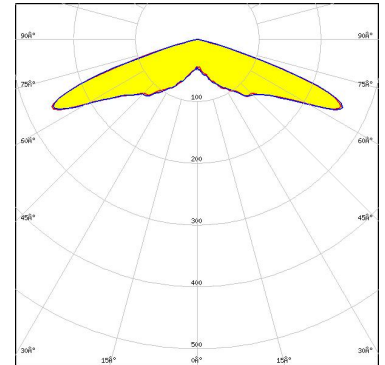
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSCONIQ C 2424 Gen1
FWHM / FWTM 142.0° / 152.0°
Efficiency 80 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

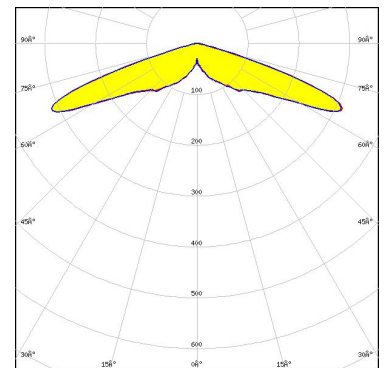
Light distribution files



OSRAM
Opto Semiconductors

LED OSCONIQ C 2424 Gen1
FWHM / FWTM 144.0° / 152.0°
Efficiency 95 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

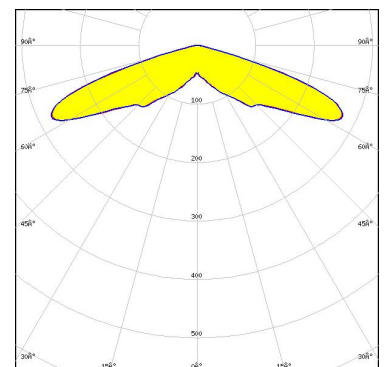
Light distribution files



OSRAM
Opto Semiconductors

LED OSCONIQ C 3030
FWHM / FWTM 144.0° / 156.0 + 154.0°
Efficiency 96 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



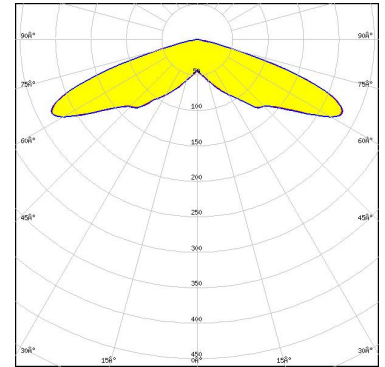
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED: OSCONIQ C 3030
FWHM / FWTM: 144.0° / 154.0°
Efficiency: 78 %
Peak intensity: 0.3 cd/lm
LEDs/each optic: 1
Light colour/type: White
Required components:

Protective plate, glass

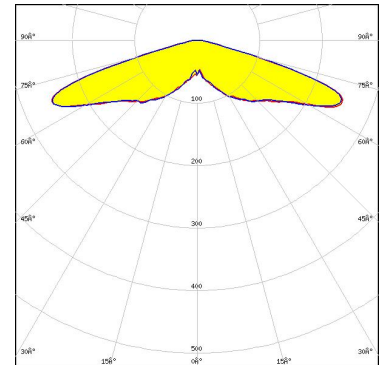
Light distribution files



OSRAM
Opto Semiconductors

LED: OSCONIQ P 3737 (2W version)
FWHM / FWTM: 148.0° / 158.0°
Efficiency: 94 %
Peak intensity: 0.5 cd/lm
LEDs/each optic: 1
Light colour/type: White
Required components:

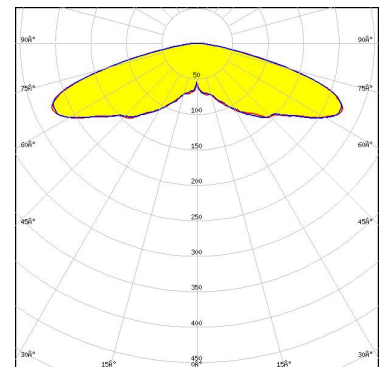
Light distribution files



OSRAM
Opto Semiconductors

LED: OSCONIQ P 3737 (3W version)
FWHM / FWTM: 152.0° / 168.0°
Efficiency: 94 %
Peak intensity: 0.3 cd/lm
LEDs/each optic: 1
Light colour/type: White
Required components:

Light distribution files



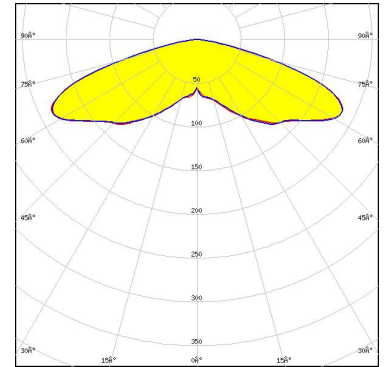
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSCONIQ P 3737 (3W version)
FWHM / FWTM 148.0° / 162.0°
Efficiency 75 %
Peak intensity 0.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

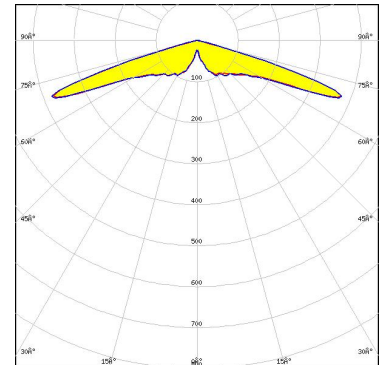
Light distribution files



OSRAM
Opto Semiconductors

LED OSLO Pure 1414
FWHM / FWTM 146.0° / 152.0°
Efficiency 95 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

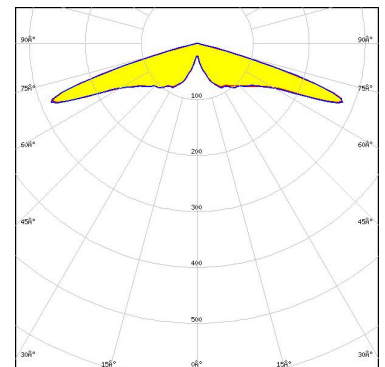


OSRAM
Opto Semiconductors

LED OSLO Pure 1414
FWHM / FWTM 146.0° / 152.0°
Efficiency 76 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

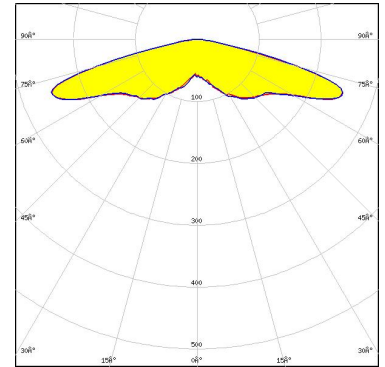
Light distribution files



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

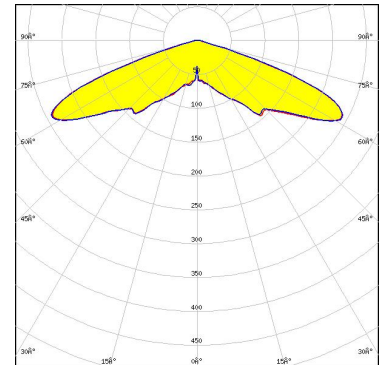
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 152.0° / 164.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LH181B
FWHM / FWTM 142.0° / 151.0°
Efficiency 84 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

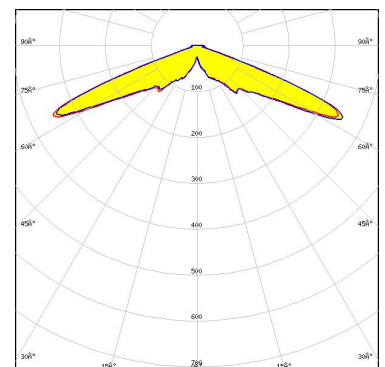


Light distribution files

Protective plate, glass

SAMSUNG

LED LM101B
FWHM / FWTM 137.0° / 143.0°
Efficiency 95 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

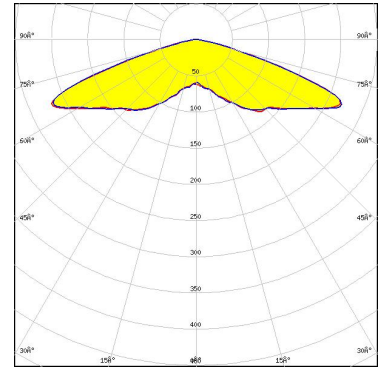
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LM301B
FWHM / FWTM Asymmetric
Efficiency 80 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

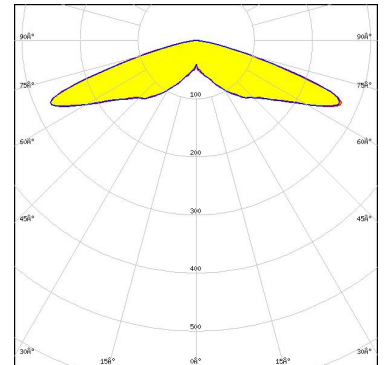
Light distribution files



SAMSUNG

LED LM301B EVO
FWHM / FWTM 146.0° / 158.0°
Efficiency 95 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

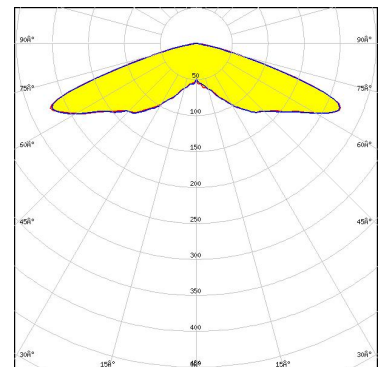


SAMSUNG

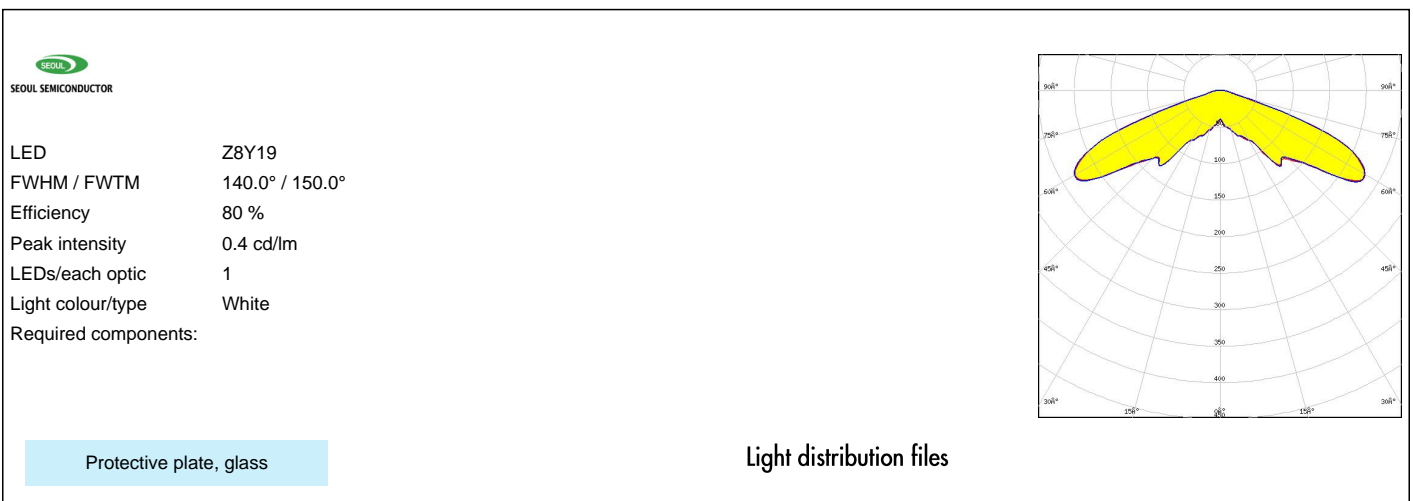
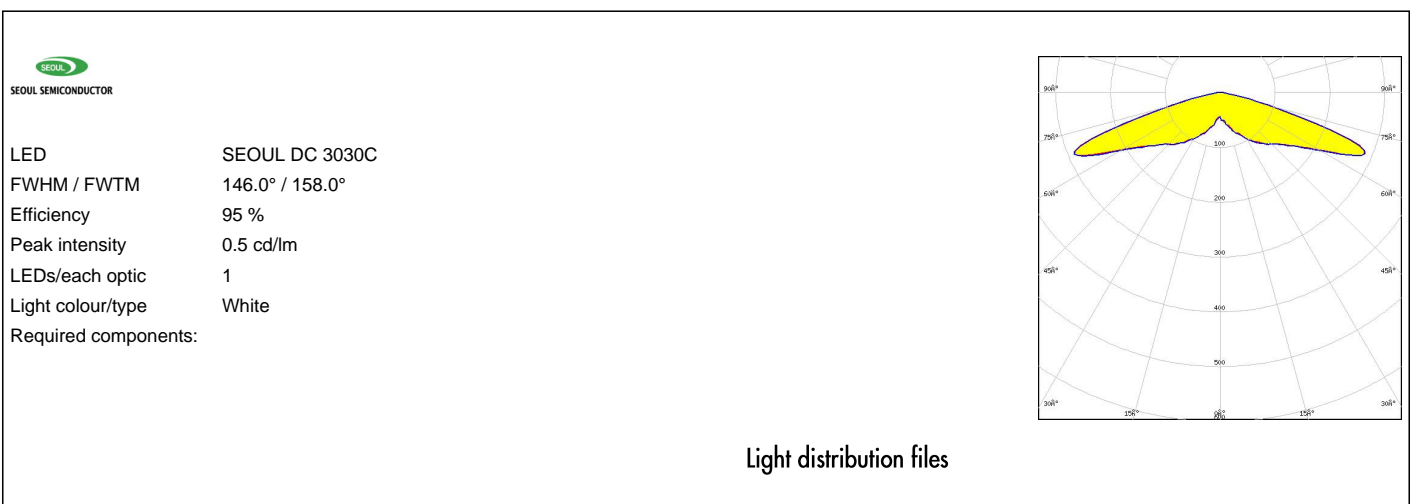
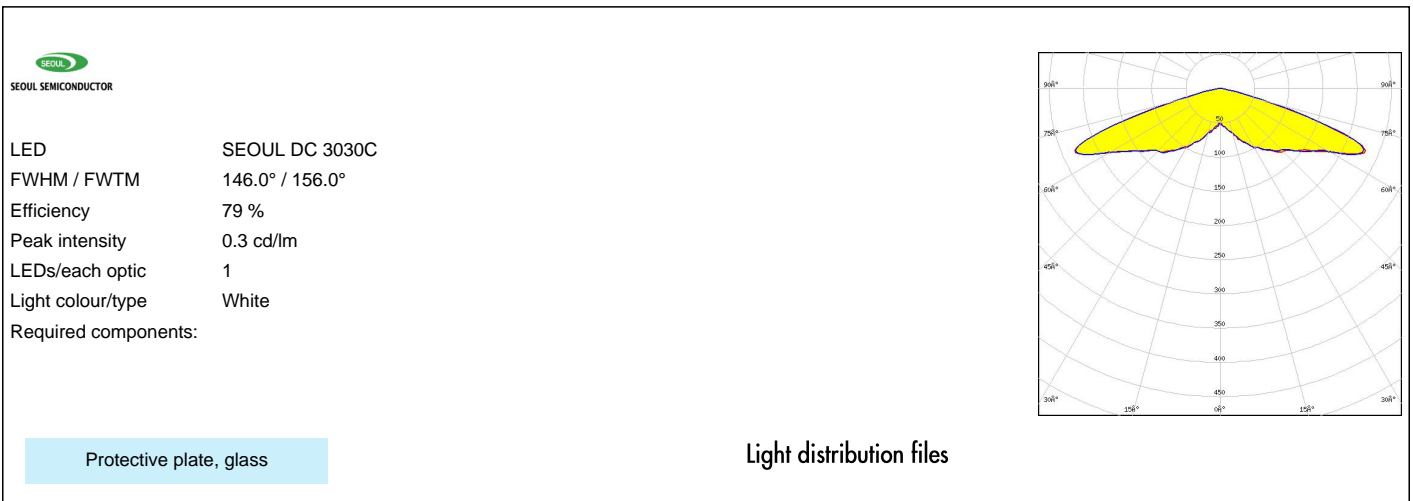
LED LM301B EVO
FWHM / FWTM 144.0° / 157.0°
Efficiency 79 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

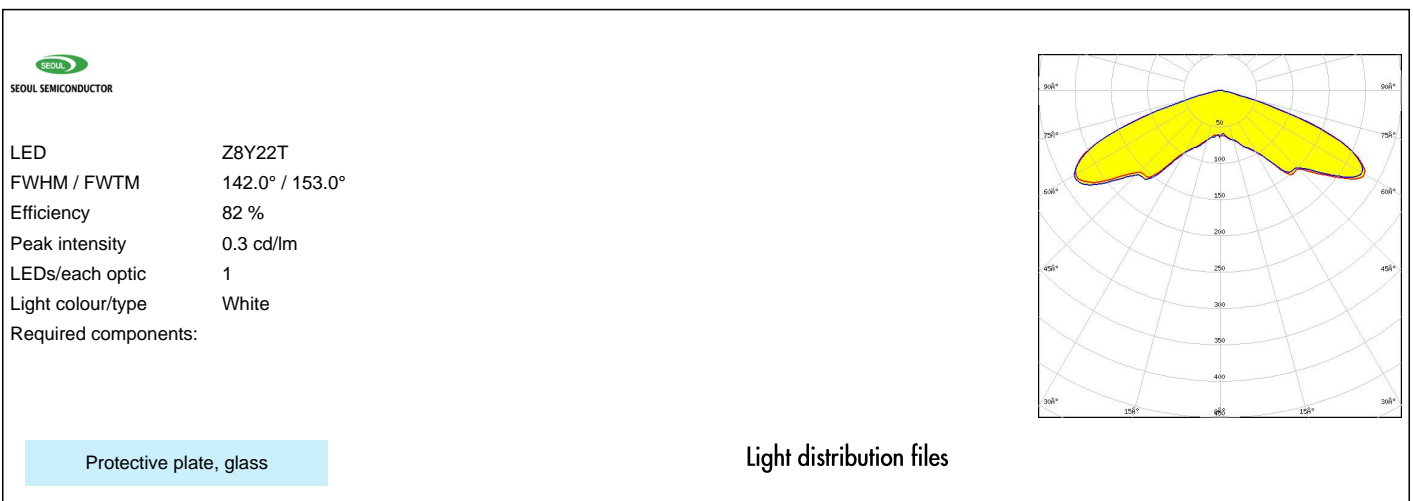
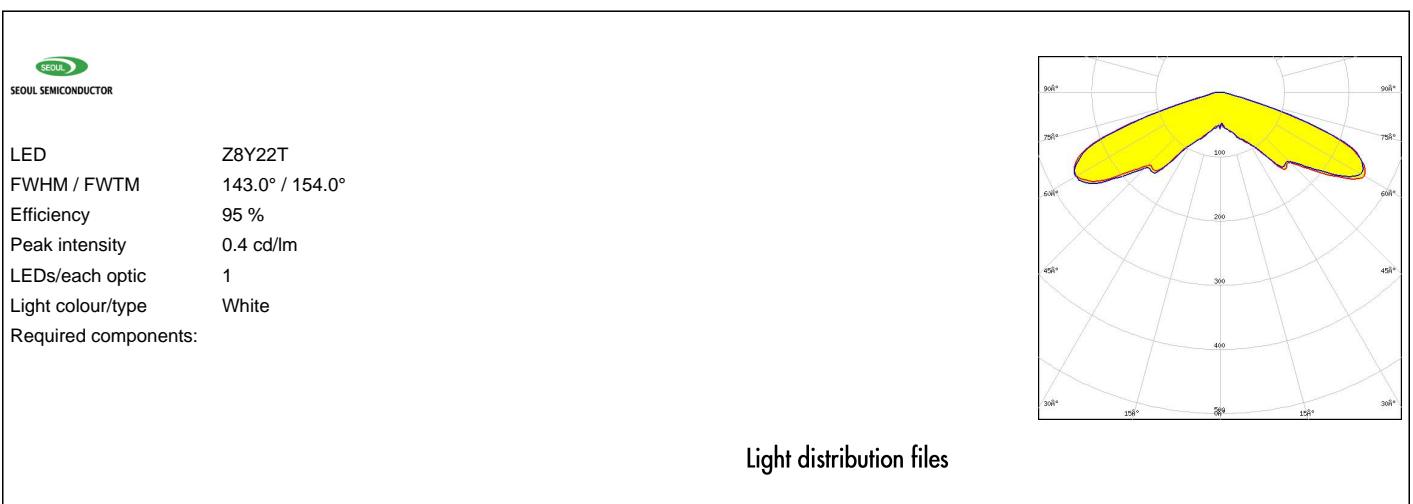
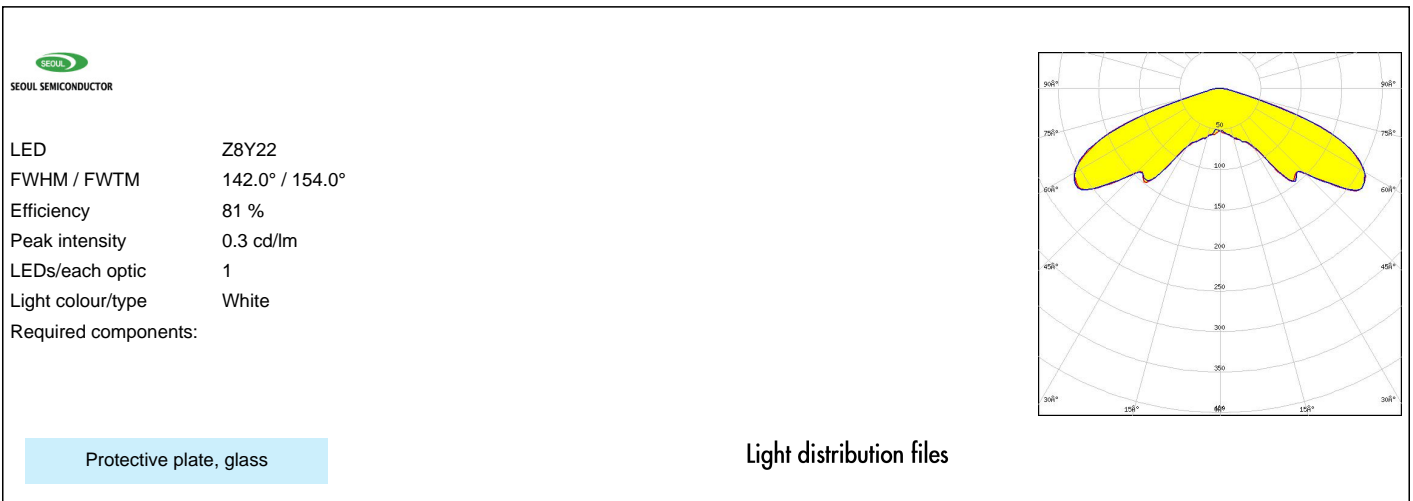
Light distribution files



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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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)