

STRADELLA-HB-M

~60° medium beam for industrial applications

SPECIFICATION:

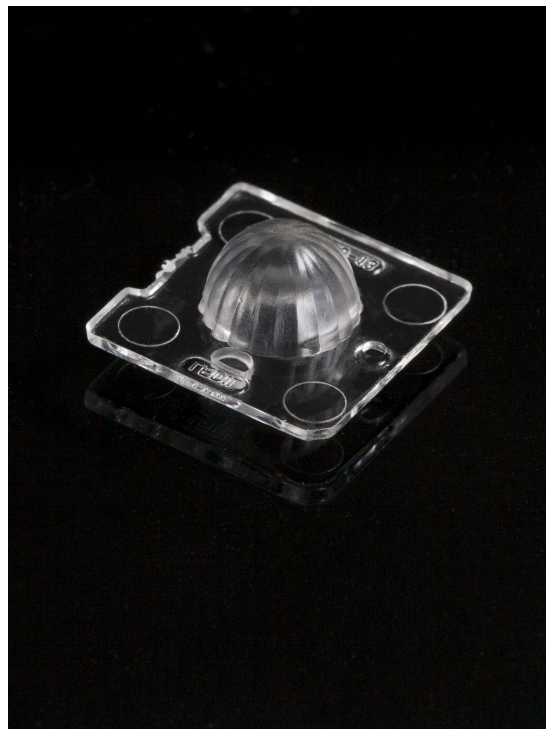
Dimensions	13.9 x 13.9
Height	5.7 mm
Fastening	pin
ROHS compliant	yes ⓘ

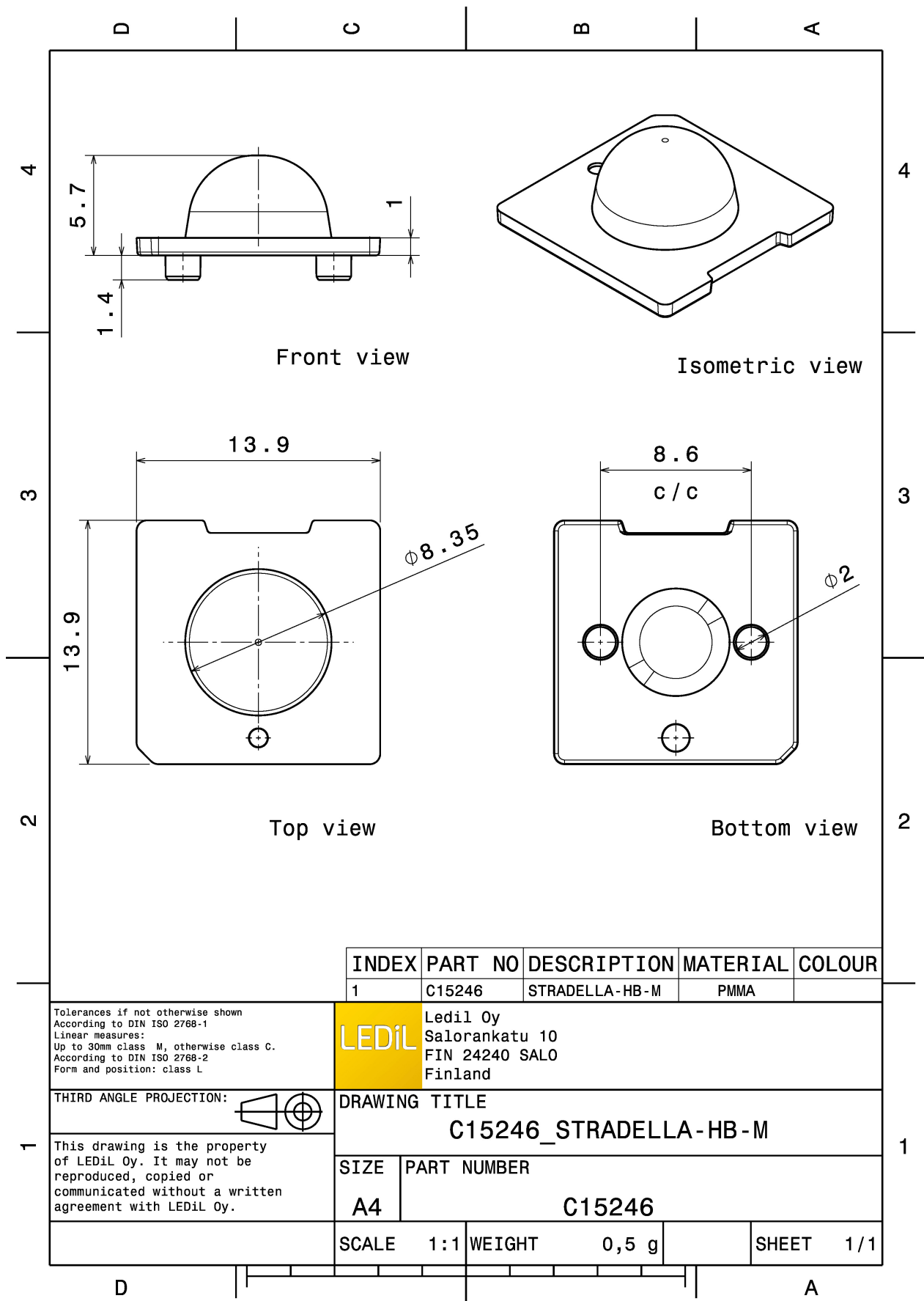
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
STRADELLA-HB-M	Single lens	PMMA	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15246_STRADELLA-HB-M » Box size: 480 x 250 x 390 mm	24000	1000	1000	9.9



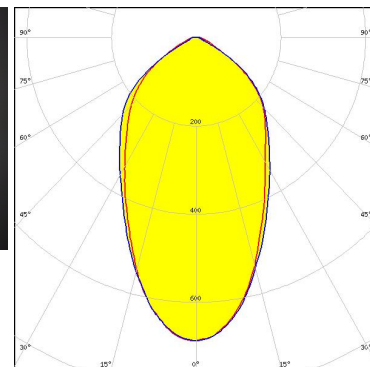
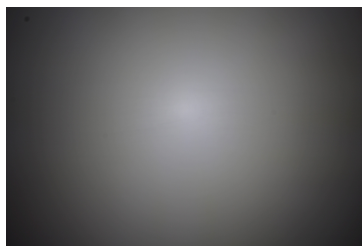


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



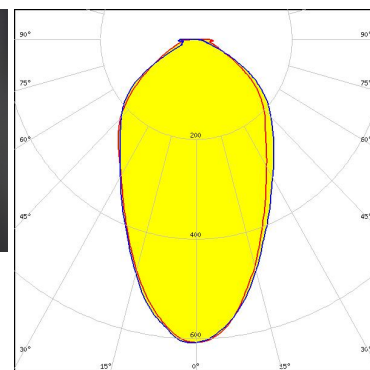
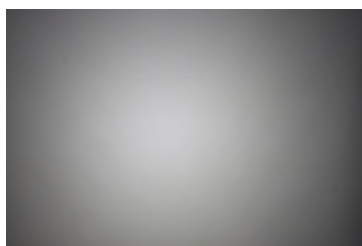
LED JB3030 HE B Class
 FWHM / FWTM 60.0° / 124.0°
 Efficiency 98 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



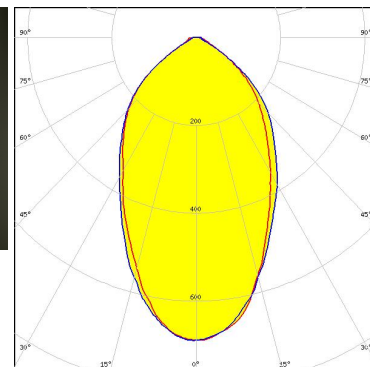
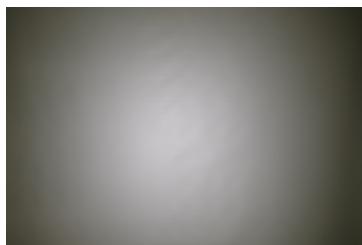
LED XT-E
 FWHM / FWTM 62.0° / 133.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSW219D
 FWHM / FWTM 61.0° / 120.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

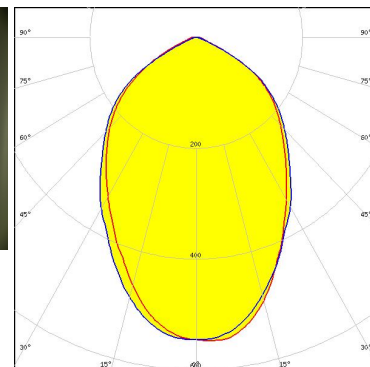
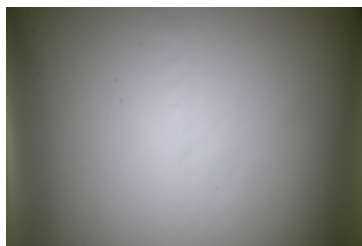


Light distribution files

OPTICAL RESULTS (MEASURED):



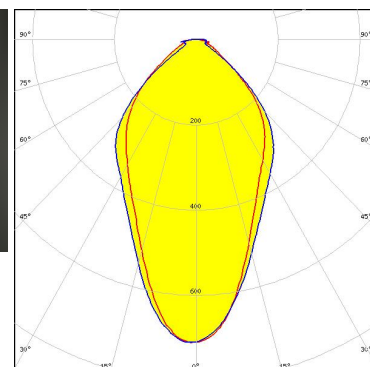
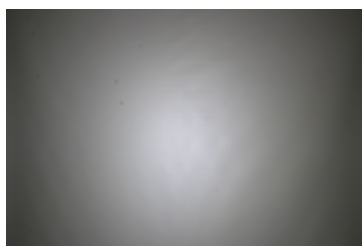
LED NVSW319B
 FWHM / FWTM 78.0° / 132.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LH181B
 FWHM / FWTM 58.0° / 117.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

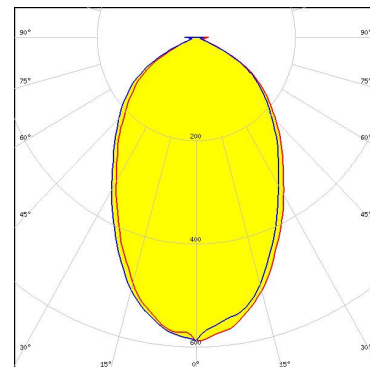


Light distribution files

OPTICAL RESULTS (SIMULATED):



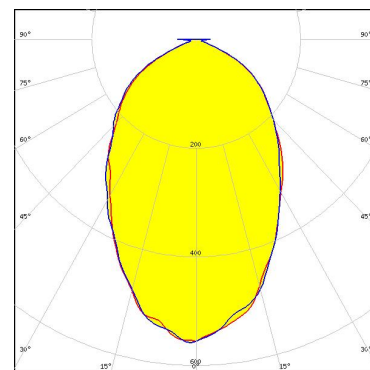
LED XP-G2 HE
 FWHM / FWTM 70.0° / 130.0°
 Efficiency 95 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



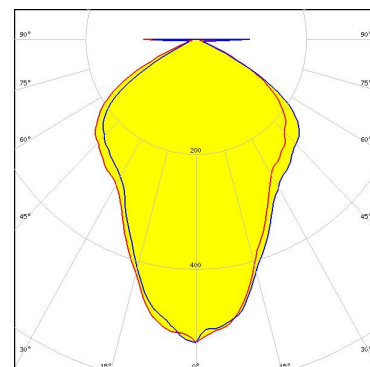
LED XP-G3
 FWHM / FWTM 73.0° / 134.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON IR Domed 150 (L110-0xxx150000000)
 FWHM / FWTM 73.0° / 180.0°
 Efficiency 96 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):

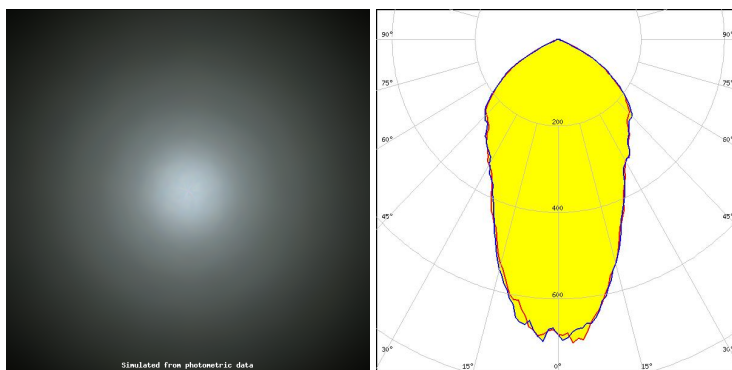


LED	LUXEON IR Domed 90 (L110-0xxx090000000)
FWHM / FWTM	47.0° / 102.0°
Efficiency	94 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files



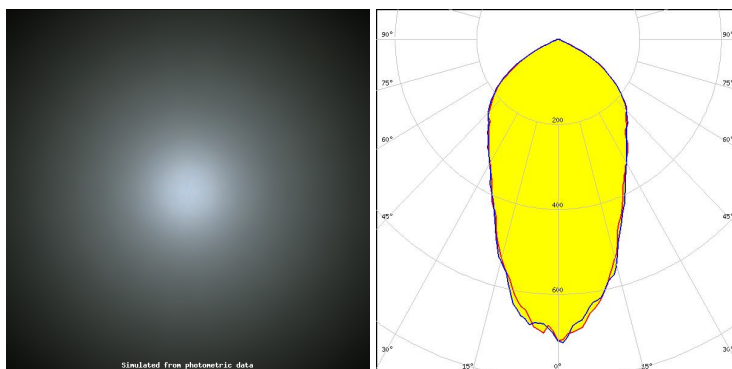
LED	SFT-12R-W-A
FWHM / FWTM	54.0 + 55.0° / 128.0 + 126.0°
Efficiency	97 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	SFT-25R-W-A
FWHM / FWTM	56.0° / 127.0 + 126.0°
Efficiency	97 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

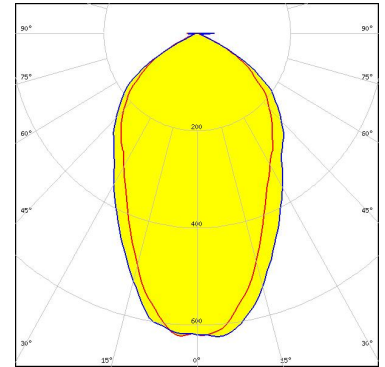


Light distribution files

OPTICAL RESULTS (SIMULATED):



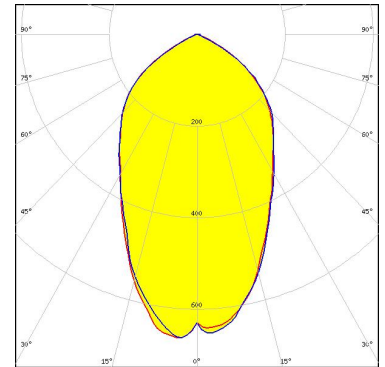
LED NF2W585AR-P8
 FWHM / FWTM 60.0 + 70.0° / 128.0 + 127.0°
 Efficiency 96 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



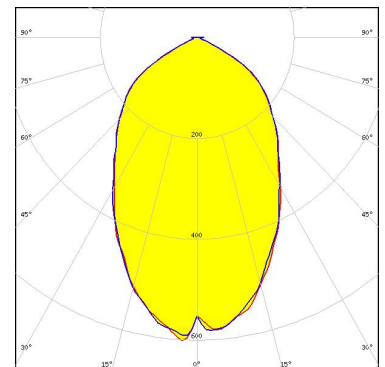
LED NFSx757G
 FWHM / FWTM 64.0° / 125.0°
 Efficiency 96 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSW219F
 FWHM / FWTM 70.0° / 128.0°
 Efficiency 95 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

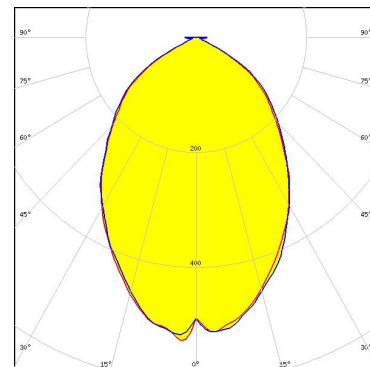


Light distribution files

OPTICAL RESULTS (SIMULATED):



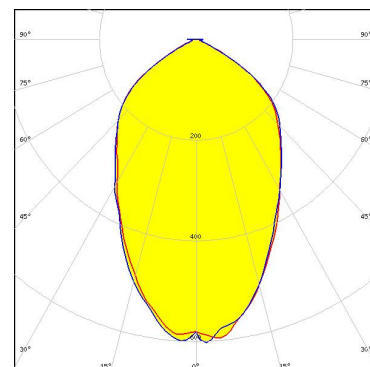
LED NVSW519A
 FWHM / FWTM 78.0° / 127.0°
 Efficiency 91 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



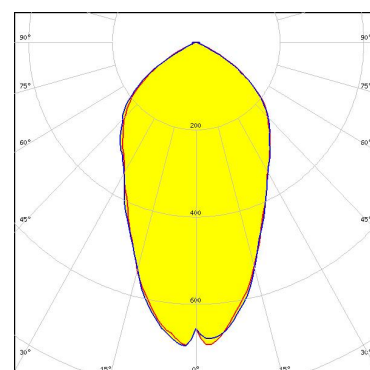
LED NVSxx19B/NVSxx19C
 FWHM / FWTM 68.0° / 126.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED OSCONIQ C 2424 Gen1
 FWHM / FWTM 60.0° / 125.0°
 Efficiency 97 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

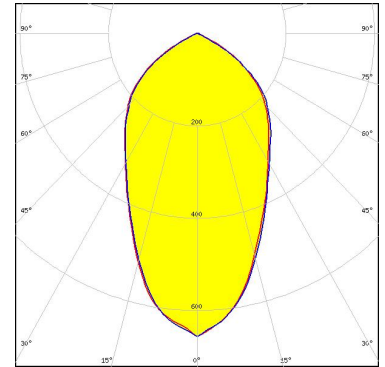
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSCONIQ C 3030
FWHM / FWTM 58.0 + 59.0° / 124.0 + 122.0°
Efficiency 88 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

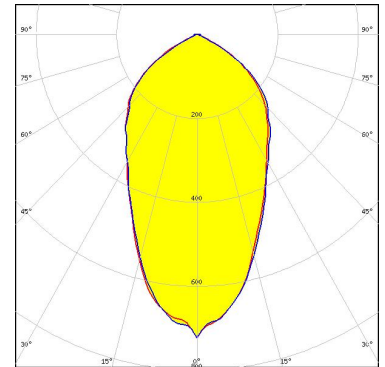
Light distribution files



OSRAM
Opto Semiconductors

LED OSCONIQ C 3030
FWHM / FWTM 57.0° / 124.0 + 122.0°
Efficiency 97 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

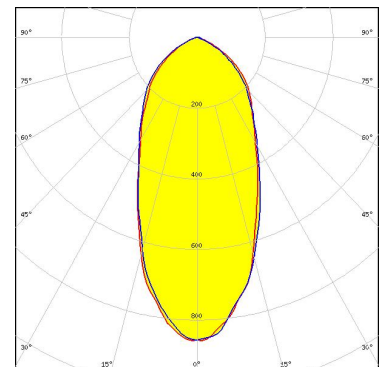
Light distribution files



OSRAM
Opto Semiconductors

LED OSCONIQ P 3030
FWHM / FWTM 50.0° / 121.0°
Efficiency 97 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

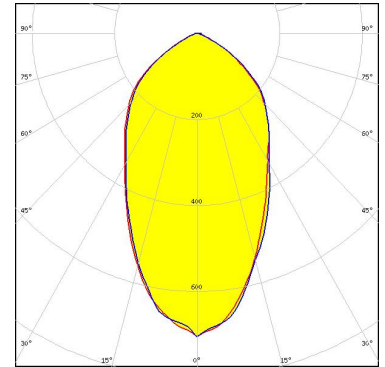
Light distribution files



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

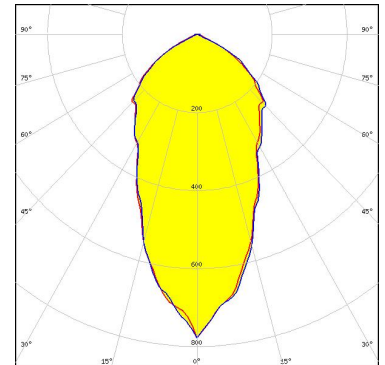
LED OSCONIQ P 3737 (2W version)
FWHM / FWTM 59.0° / 124.0°
Efficiency 94 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

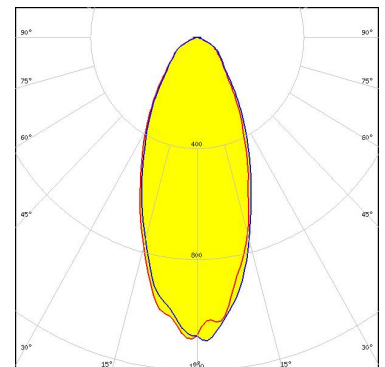
LED OSLO Pure 1414
FWHM / FWTM 49.0° / 126.0 + 125.0°
Efficiency 97 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLO SSL 80
FWHM / FWTM 44.0° / 104.0°
Efficiency 96 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

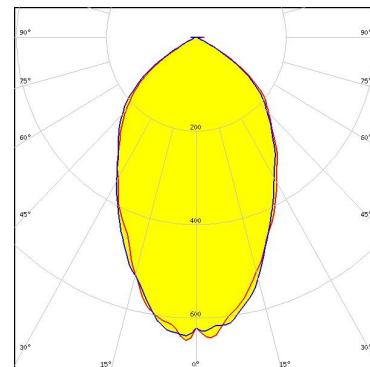


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

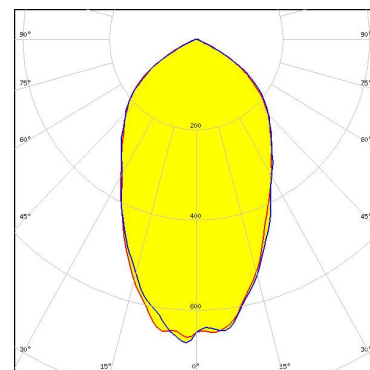
LED LH351B
 FWHM / FWTM 63.0° / 120.0°
 Efficiency 93 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



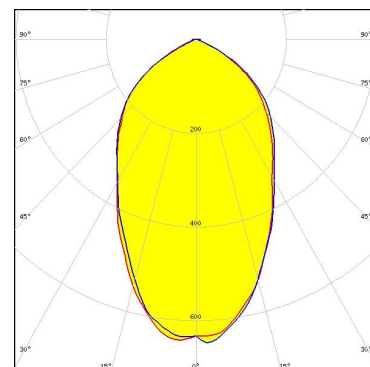
LED SEOUL DC 3528
 FWHM / FWTM 64.0° / 126.0°
 Efficiency 96 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Z5M1/Z5M2
 FWHM / FWTM 64.0° / 127.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

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.

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)