

STRADELLA-8-HV-ME-N

Beam designed for high poles and fulfilling EN13201 M-class requirements where road width is less than the pole height. Variant with improved creepage distance for high voltage circuit design.

SPECIFICATION:

Dimensions	49.5 x 49.5
Height	6 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

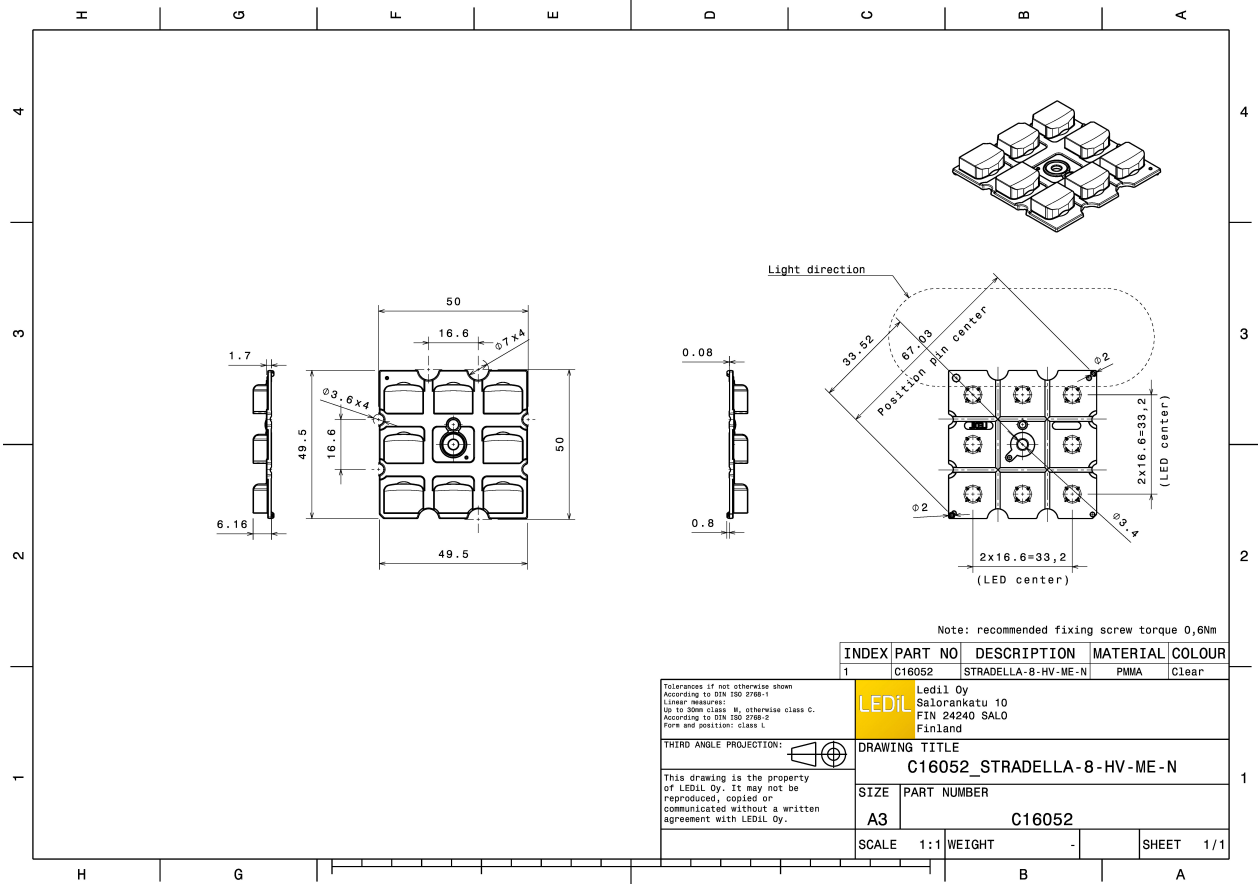


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
STRADELLA-8-HV-ME-N	Multi-lens	PMMA	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16052_STRADELLA-8-HV-ME-N » Box size: 476 x 273 x 292 mm	800	160	160	5.9

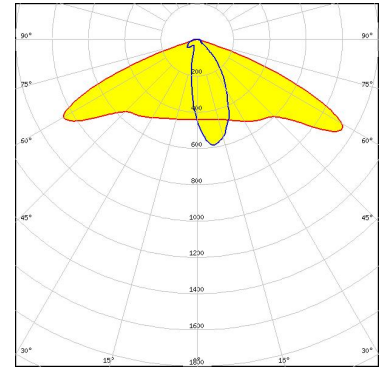


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



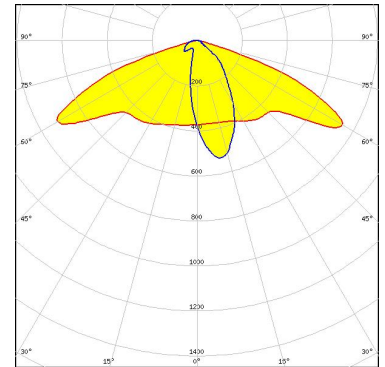
LED JB3030 HE B Class
 FWHM / FWTM Asymmetric
 Efficiency 96 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



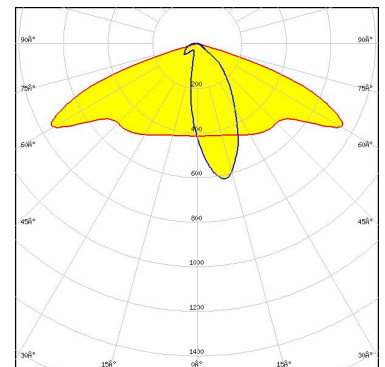
LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED PL-BRICK HP 3x8 Stradella-8
 FWHM / FWTM Asymmetric
 Efficiency 97 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

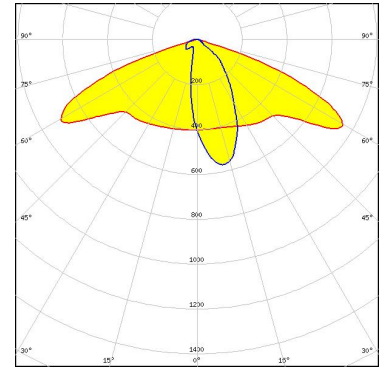


Light distribution files

OPTICAL RESULTS (MEASURED):



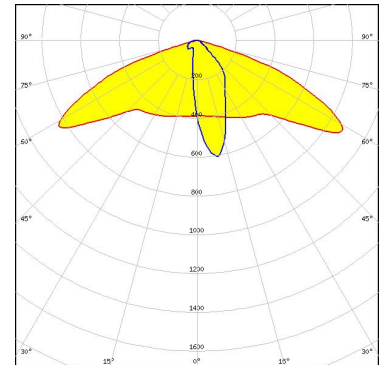
LED LUXEON V2
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



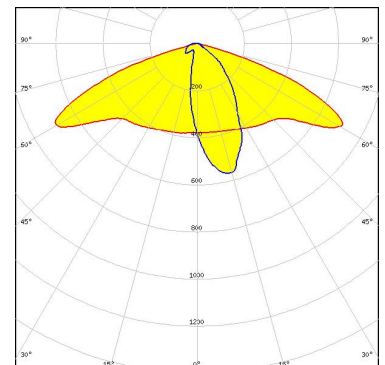
LED NF2W585AR
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NVSW219F-V2
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

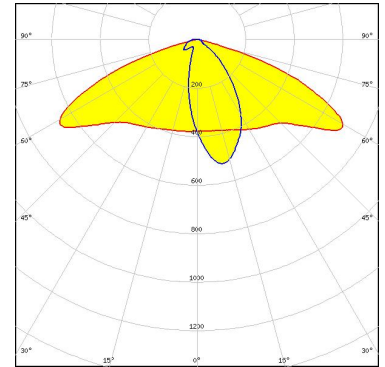


Light distribution files

OPTICAL RESULTS (MEASURED):



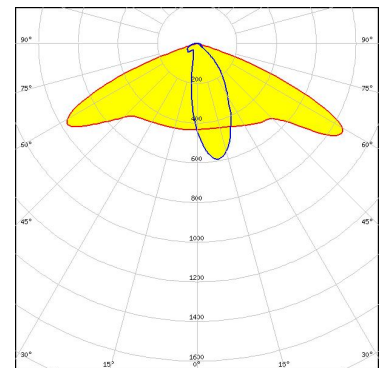
LED NVSW319B
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



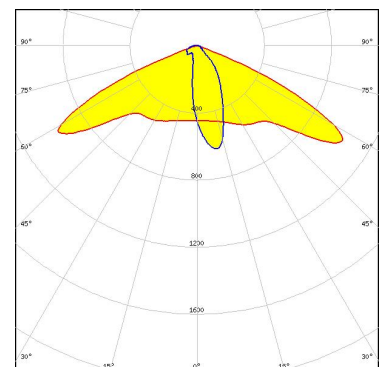
LED OSCONIQ S 3030 (QSLR31)
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files


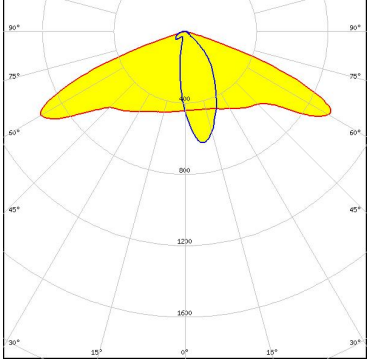



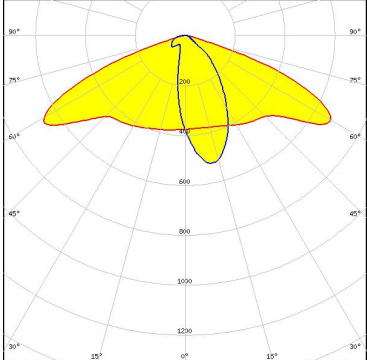
LED Fortimo FastFlex LED 4x8up PR G5
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OPTICAL RESULTS (MEASURED):

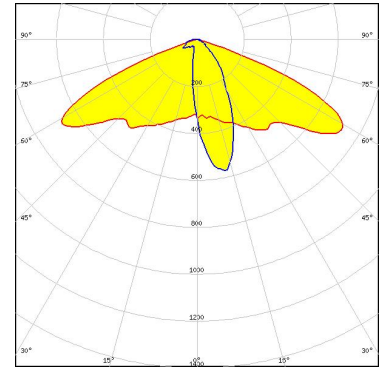
 <small>SEOUL SEMICONDUCTOR</small>		
LED	SEOUL DC 3030C	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Required components:		
		Light distribution files

 <small>SEOUL SEMICONDUCTOR</small>		
LED	Z5M3	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Required components:		
		Light distribution files

OPTICAL RESULTS (SIMULATED):



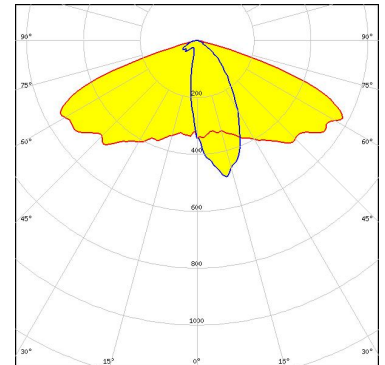
LED JB3030 HE B Class
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-G2
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

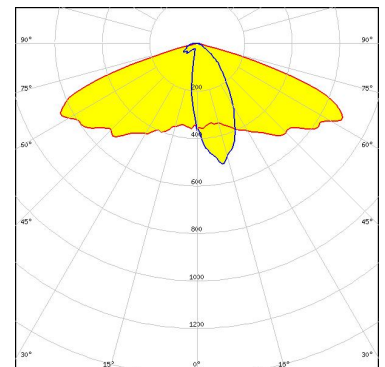


Protective plate, glass

Light distribution files



LED XP-G2
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

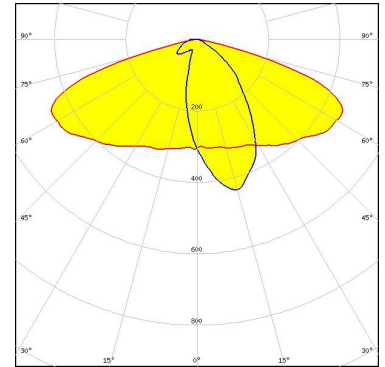


Light distribution files

OPTICAL RESULTS (SIMULATED):



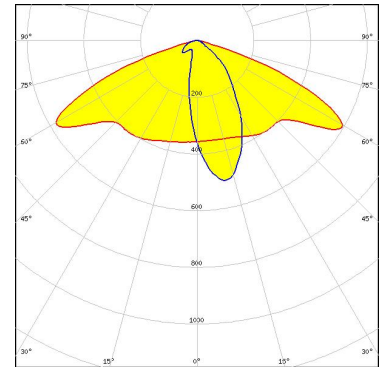
LED XP-G2 HE
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

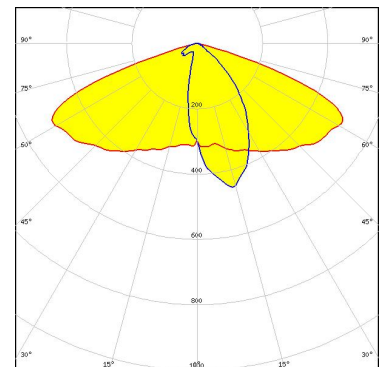


Protective plate, glass

Light distribution files



LED XP-G4
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



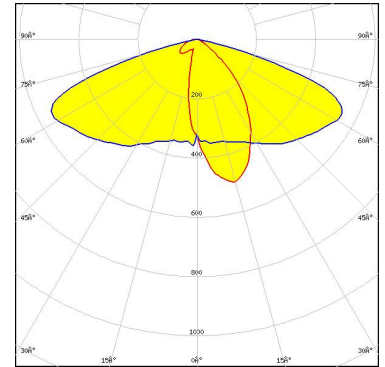
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):



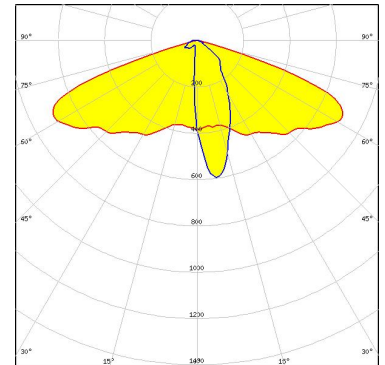
LED XP-G4
 FWHM / FWTM Asymmetric
 Efficiency 98 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



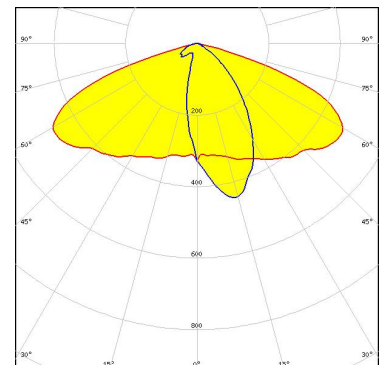
LED LUXEON CZ
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON HL2X
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



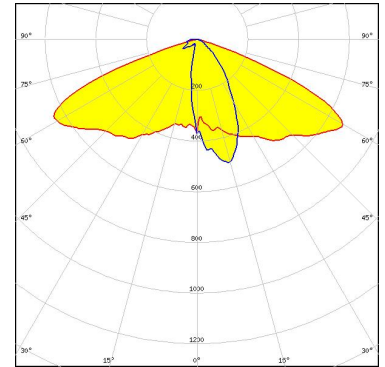
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):



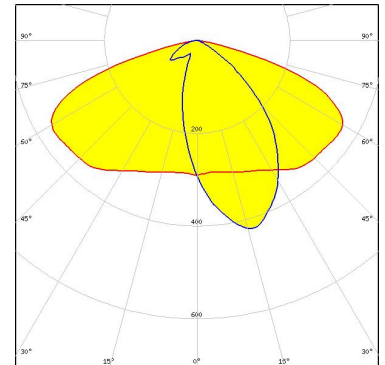
LED NF2x757G
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NVSW519A
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

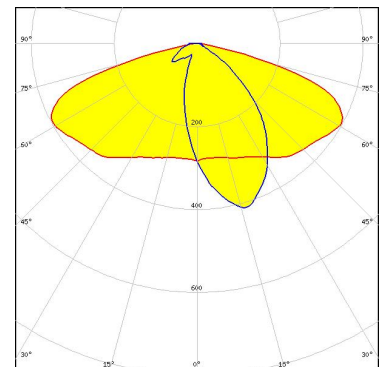


Protective plate, glass

Light distribution files



LED NVSW519A
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

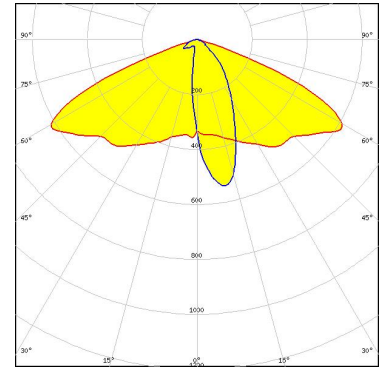
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSCONIQ C 2424 Gen1
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

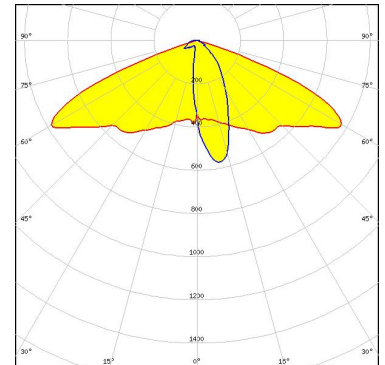
Light distribution files



OSRAM
Opto Semiconductors

LED OSCONIQ C 2424 Gen1
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

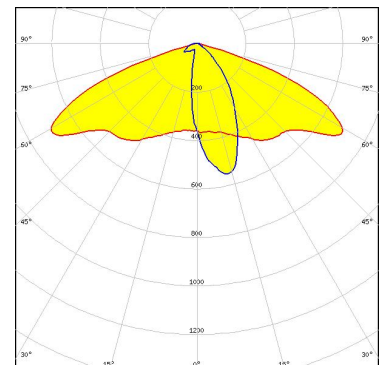
Light distribution files



OSRAM
Opto Semiconductors

LED OSCONIQ C 3030
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

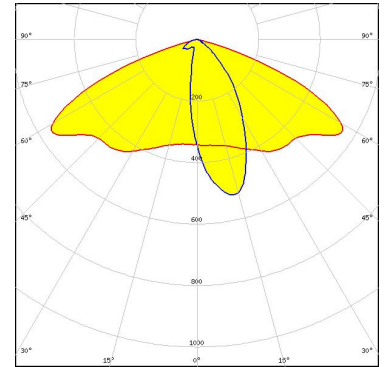


OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSCONIQ C 3030
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

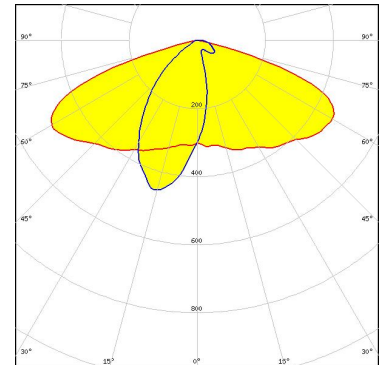
Protective plate, glass



Light distribution files

OSRAM
Opto Semiconductors

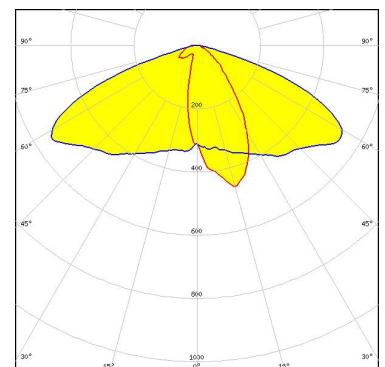
LED OSCONIQ P 3030
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSCONIQ P 3737 (3W) PUSTA1
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

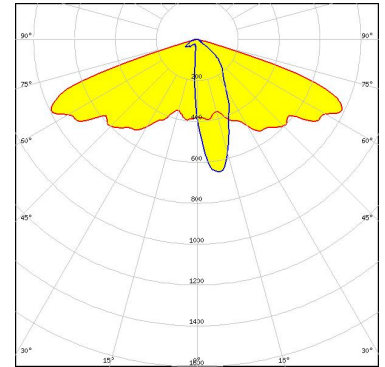


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

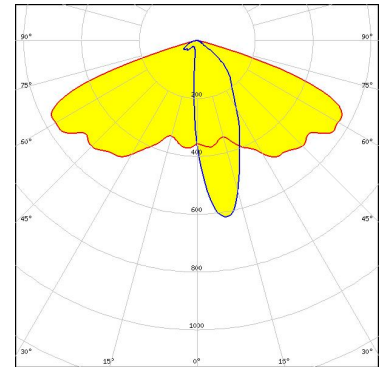
LED OSLON Pure 1414
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON Pure 1414
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

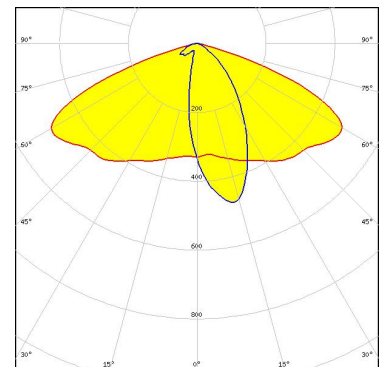


Protective plate, glass

Light distribution files

OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM Asymmetric
 Efficiency 82 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Protective plate, glass

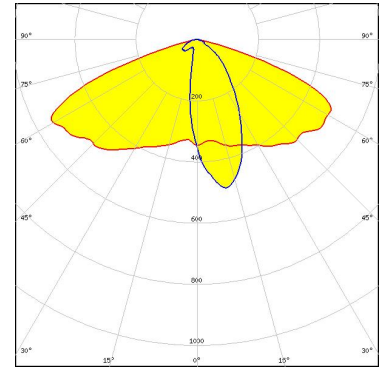
Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSLO[®]N Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

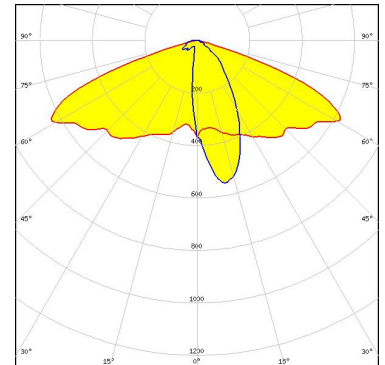
Protective plate, glass



Light distribution files

OSRAM
Opto Semiconductors

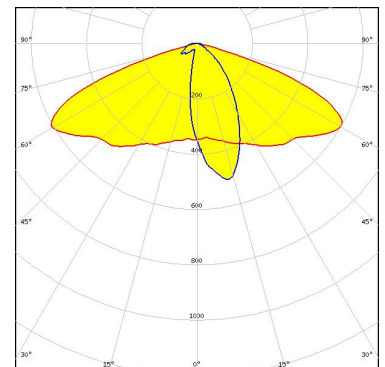
LED OSLO[®]N Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLO[®]N Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

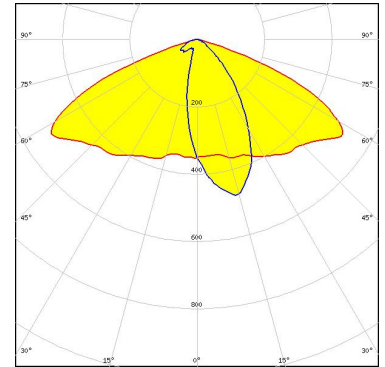
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSLON SQUARE Essential GW CPSRM1.PM
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

Light distribution files

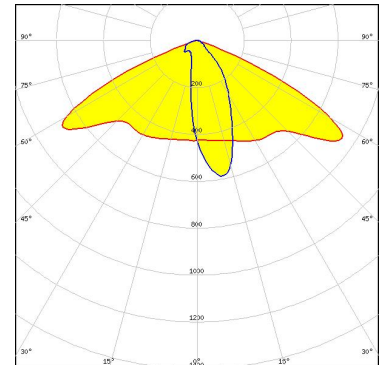


PHILIPS

LED Fortimo FastFlex LED 4x8up PR G5
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

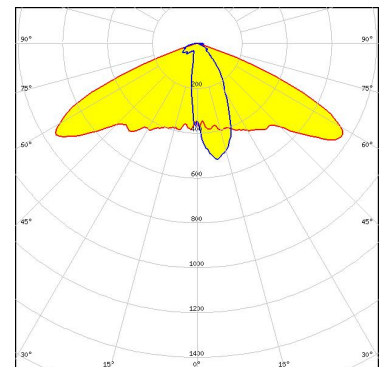
Light distribution files



SAMSUNG

LED LH181B
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

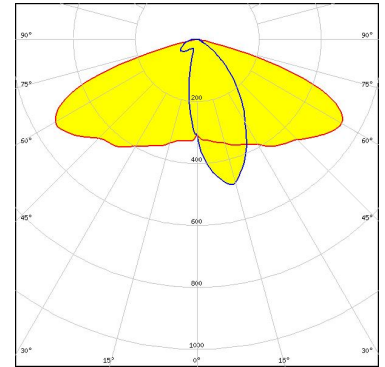
Light distribution files



OPTICAL RESULTS (SIMULATED):

SAMSUNG

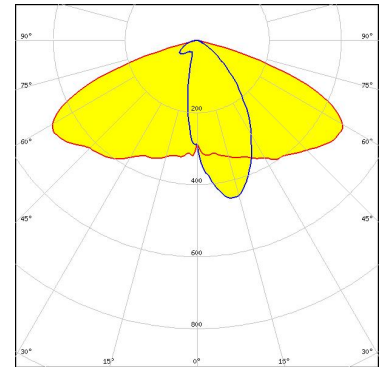
LED LH351B
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LH351B
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

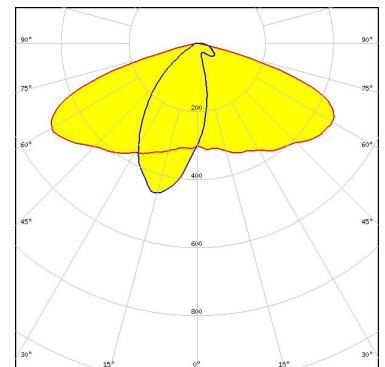


Protective plate, glass

Light distribution files

SAMSUNG

LED LH351C
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



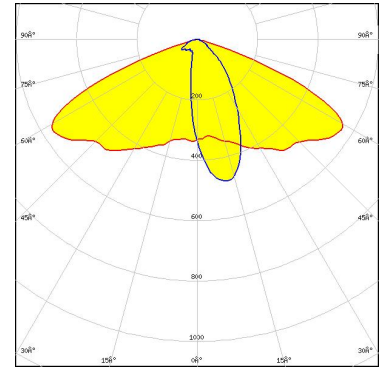
Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LM302D
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

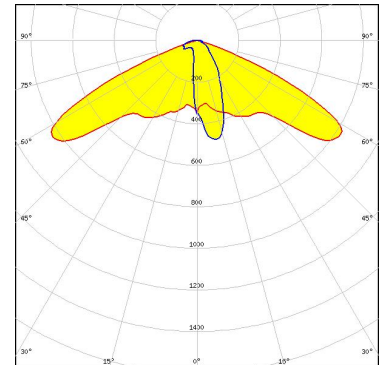
Protective plate, glass



Light distribution files



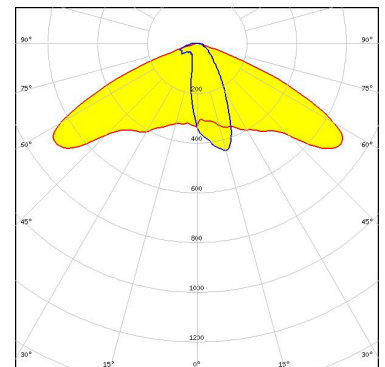
LED Z8Y19
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files




LED Z8Y22
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):

 SEUL SEMICONDUCTOR	
LED	Z8Y22P
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.7 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.

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LEDiL Oy

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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)