

## STRADELLA-8-HV-T2

IESNA Type II (medium) beam, applicable for European P-class standard pedestrian lighting and M-class roads. Variant with improved creepage distance for high voltage circuit designs.

## SPECIFICATION:

|                |             |
|----------------|-------------|
| Dimensions     | 49.5 x 49.5 |
| Height         | 5 mm        |
| Fastening      | pin, screw  |
| ROHS compliant | yes ⓘ       |

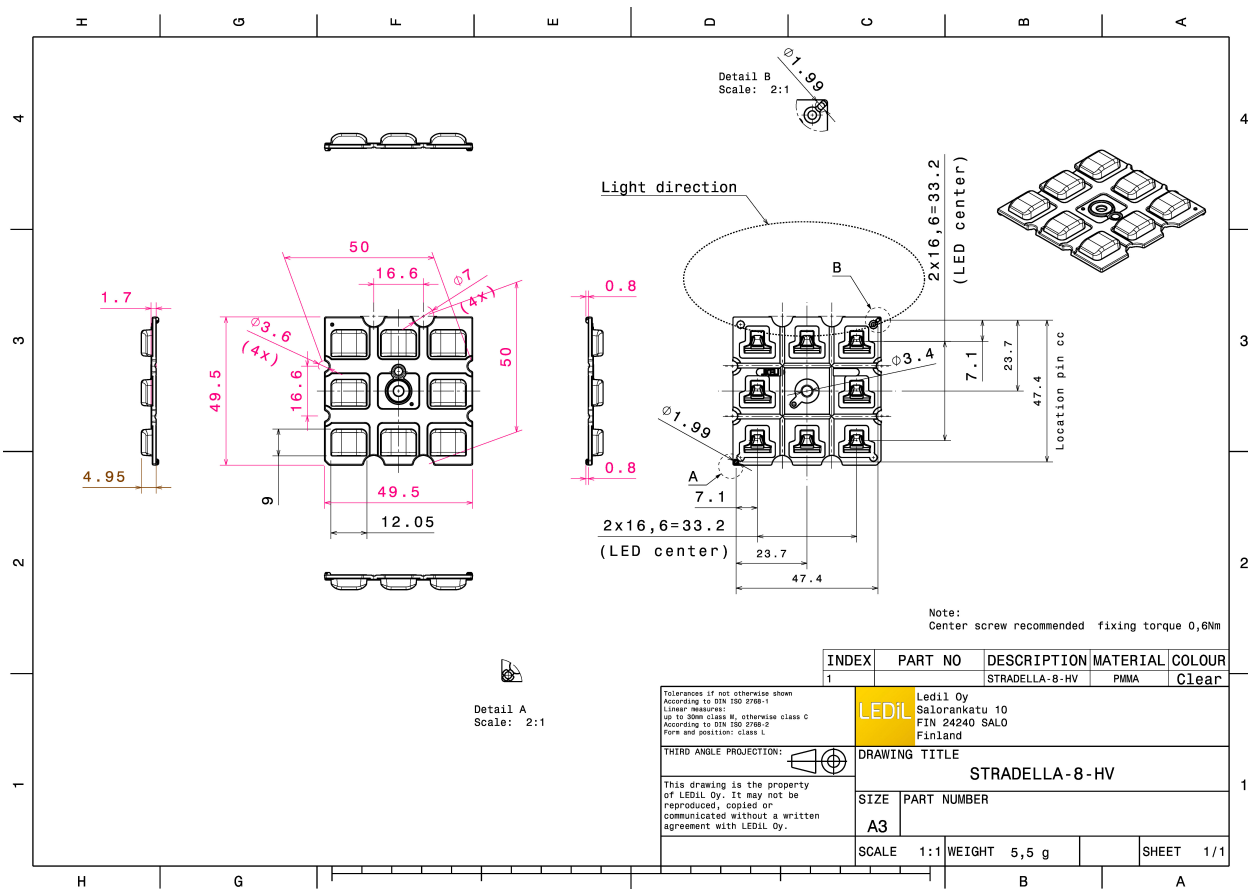


## MATERIALS:

| Component         | Type       | Material | Colour | Finish | Length (mm) |
|-------------------|------------|----------|--------|--------|-------------|
| STRADELLA-8-HV-T2 | Multi-lens | PMMA     | clear  |        |             |

## ORDERING INFORMATION:

| Component                                                  | Qty in box | MOQ | MPQ | Box weight (kg) |
|------------------------------------------------------------|------------|-----|-----|-----------------|
| C15981_STRADELLA-8-HV-T2<br>» Box size: 480 x 280 x 300 mm | 800        | 160 | 160 | 5.3             |

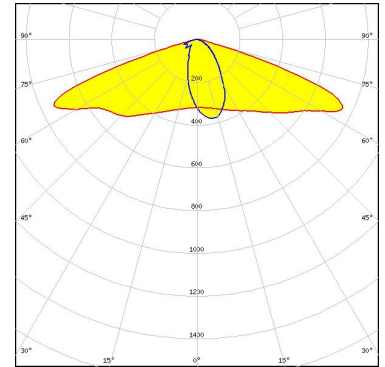


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



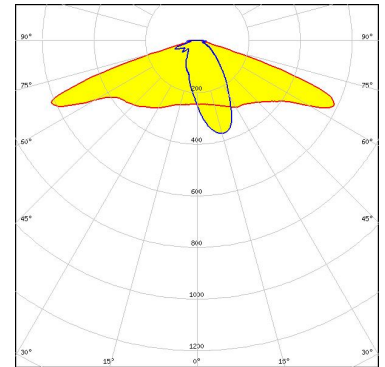
LED JB3030 HE B Class  
 FWHM / FWTM Asymmetric  
 Efficiency 97 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



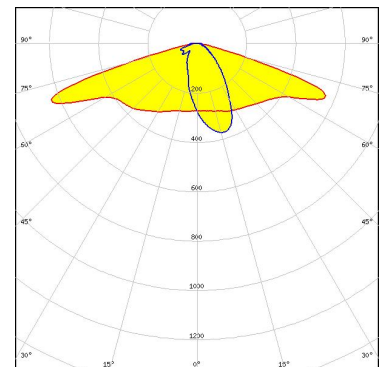
LED XD16  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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

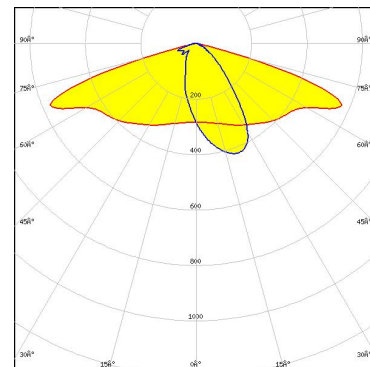


Light distribution files

#### OPTICAL RESULTS (MEASURED):

##### inventronics

|                      |                             |
|----------------------|-----------------------------|
| LED                  | PL-BRICK HP 3x8 Stradella-8 |
| FWHM / FWTM          | Asymmetric                  |
| Efficiency           | 98 %                        |
| Peak intensity       | 0.7 cd/lm                   |
| LEDs/each optic      | 1                           |
| Light colour/type    | White                       |
| Required components: |                             |



Light distribution files

##### LUMILEDS

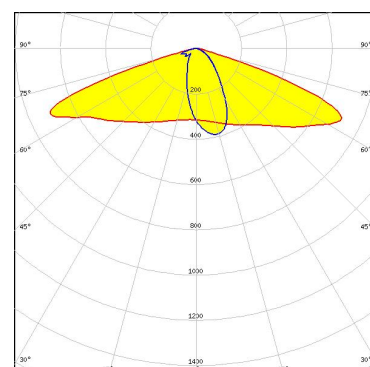
|                      |            |
|----------------------|------------|
| LED                  | LUXEON TX  |
| FWHM / FWTM          | Asymmetric |
| Efficiency           | 94 %       |
| Peak intensity       | 0.8 cd/lm  |
| LEDs/each optic      | 1          |
| Light colour/type    | White    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

Light distribution files

##### OSRAM

Opto Semiconductors

|                      |                         |
|----------------------|-------------------------|
| LED                  | OSCONIQ S 3030 (QSLR31) |
| FWHM / FWTM          | Asymmetric              |
| Efficiency           | 94 %                    |
| Peak intensity       | 0.8 cd/lm               |
| LEDs/each optic      | 1                       |
| Light colour/type    | White                   |
| Required components: |                         |

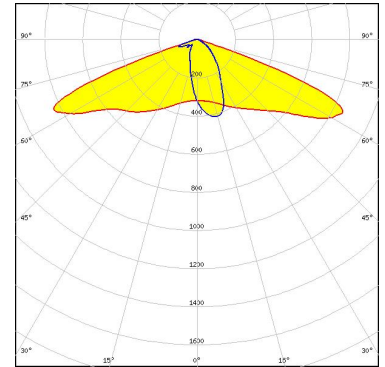


Light distribution files

#### OPTICAL RESULTS (MEASURED):

#### PHILIPS

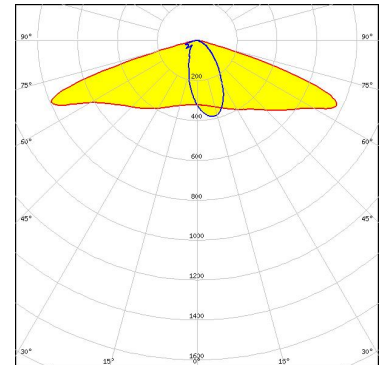
|                      |                                  |
|----------------------|----------------------------------|
| LED                  | Fortimo FastFlex LED 4x8up PR G5 |
| FWHM / FWTM          | Asymmetric                       |
| Efficiency           | 94 %                             |
| Peak intensity       | 0.9 cd/lm                        |
| LEDs/each optic      | 1                                |
| Light colour/type    | White                            |
| Required components: |                                  |



Light distribution files



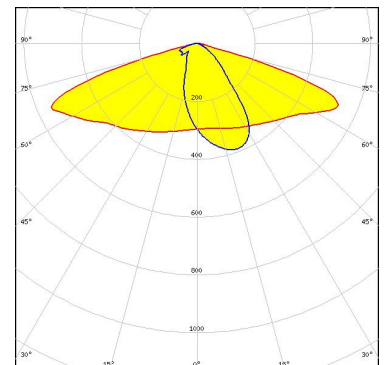
|                      |                |
|----------------------|----------------|
| LED                  | SEOUL DC 3030C |
| FWHM / FWTM          | Asymmetric     |
| Efficiency           | 94 %           |
| Peak intensity       | 0.9 cd/lm      |
| LEDs/each optic      | 1              |
| Light colour/type    | White          |
| Required components: |                |



Light distribution files



|                      |            |
|----------------------|------------|
| LED                  | Z5M4       |
| FWHM / FWTM          | Asymmetric |
| Efficiency           | 97 %       |
| Peak intensity       | 0.6 cd/lm  |
| LEDs/each optic      | 1          |
| Light colour/type    | White      |
| Required components: |            |

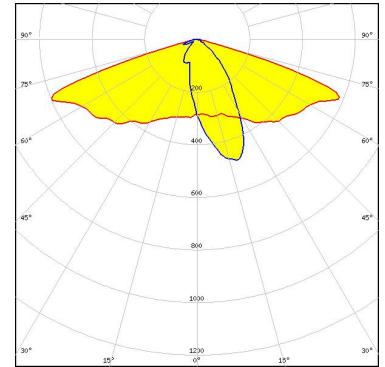


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



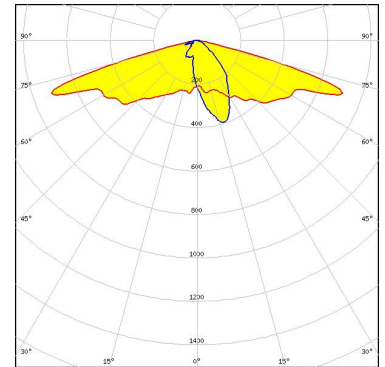
LED XQ-E HD  
 FWHM / FWTM Asymmetric  
 Efficiency 95 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



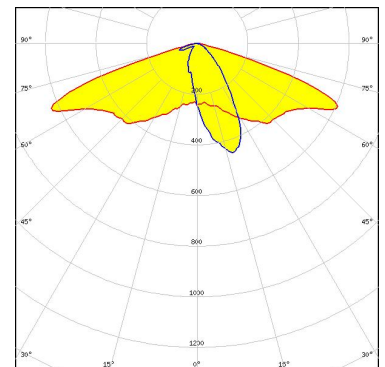
LED XQ-E HI  
 FWHM / FWTM Asymmetric  
 Efficiency 96 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED LUXEON 3030 2D (Round LES)  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

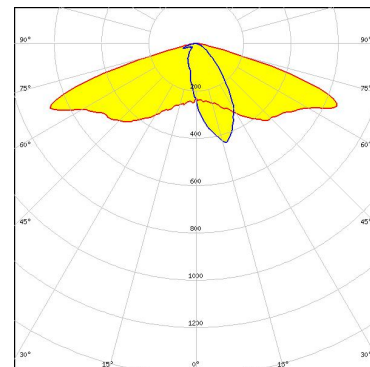


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



|                      |                             |
|----------------------|-----------------------------|
| LED                  | LUXEON 3030 2D (Square LES) |
| FWHM / FWTM          | Asymmetric                  |
| Efficiency           | 94 %                        |
| Peak intensity       | 0.8 cd/lm                   |
| LEDs/each optic      | 1                           |
| Light colour/type    | White                       |
| Required components: |                             |



Light distribution files

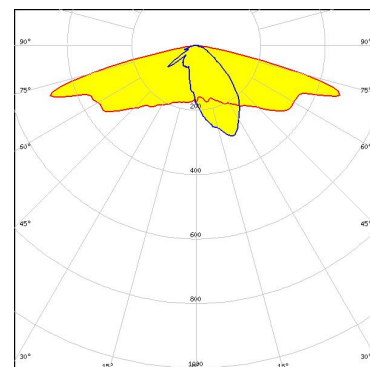


|                      |                |
|----------------------|----------------|
| LED                  | LUXEON 3535 2D |
| FWHM / FWTM          | Asymmetric     |
| Efficiency           | 94 %           |
| Peak intensity       | 0.8 cd/lm      |
| LEDs/each optic      | 1              |
| Light colour/type    | White          |
| Required components: |                |

Light distribution files



|                      |            |
|----------------------|------------|
| LED                  | LUXEON C   |
| FWHM / FWTM          | Asymmetric |
| Efficiency           | 78 %       |
| Peak intensity       | 0.6 cd/lm  |
| LEDs/each optic      | 1          |
| Light colour/type    | White      |
| Required components: |            |



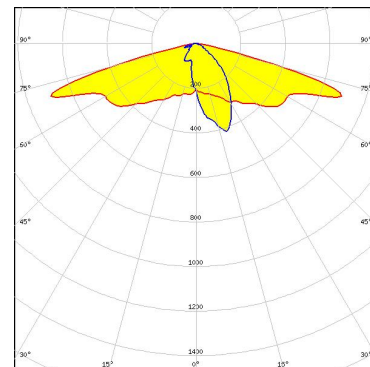
Protective plate, glass

Light distribution files

#### OPTICAL RESULTS (SIMULATED):



LED LUXEON CZ  
FWHM / FWTM Asymmetric  
Efficiency 96 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

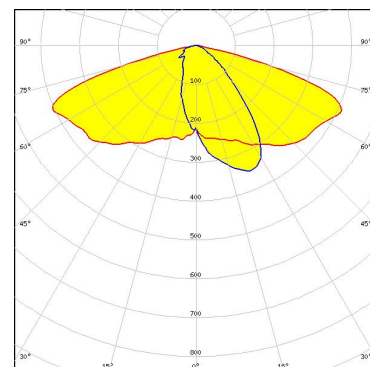


LED NF2x757D  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files



LED NVSxx19B/NVSxx19C  
FWHM / FWTM Asymmetric  
Efficiency 84 %  
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):

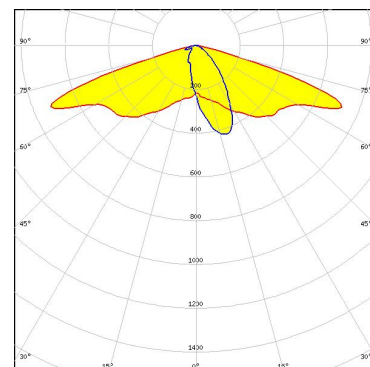
**OSRAM**  
Opto Semiconductors

LED DURIS S5 (2 chip)  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files

**OSRAM**  
Opto Semiconductors

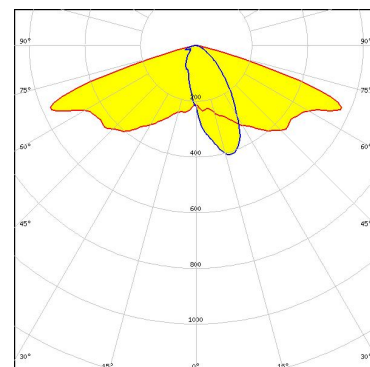
LED OSCONIQ C 2424 Gen1  
FWHM / FWTM Asymmetric  
Efficiency 96 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSCONIQ C 2424 Gen1  
FWHM / FWTM Asymmetric  
Efficiency 86 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Protective plate, glass

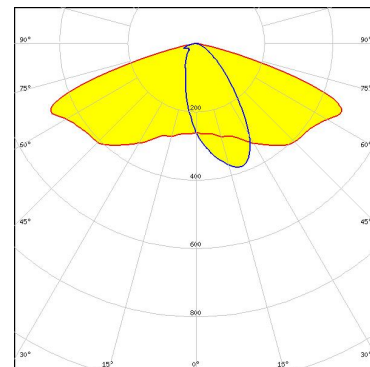
Light distribution files

#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED OSCONIQ C 3030  
FWHM / FWTM Asymmetric  
Efficiency 86 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

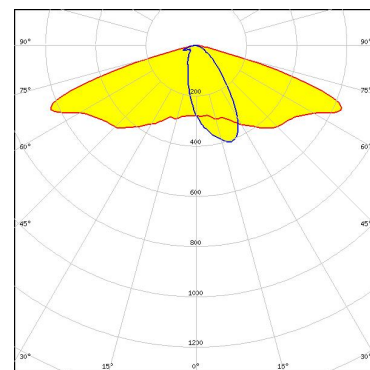
Protective plate, glass



Light distribution files

**OSRAM**  
Opto Semiconductors

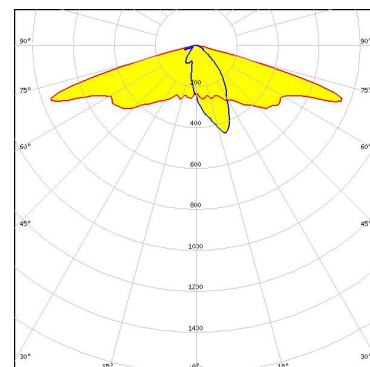
LED OSCONIQ C 3030  
FWHM / FWTM Asymmetric  
Efficiency 97 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSLO Pure 1414  
FWHM / FWTM Asymmetric  
Efficiency 97 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

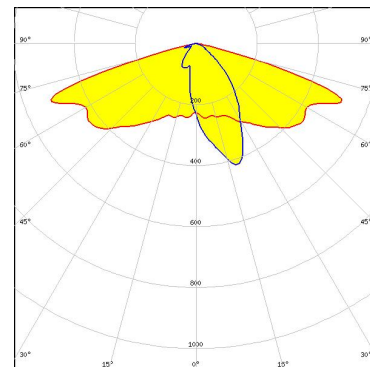
#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED OSLON Pure 1414  
FWHM / FWTM Asymmetric  
Efficiency 86 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

Light distribution files

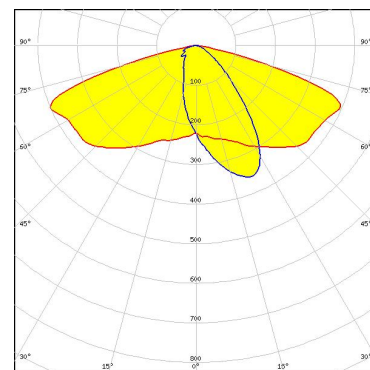


**OSRAM**  
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM Asymmetric  
Efficiency 83 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

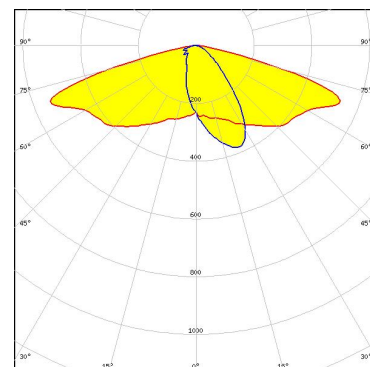
Light distribution files



**OSRAM**  
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM Asymmetric  
Efficiency 95 %  
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

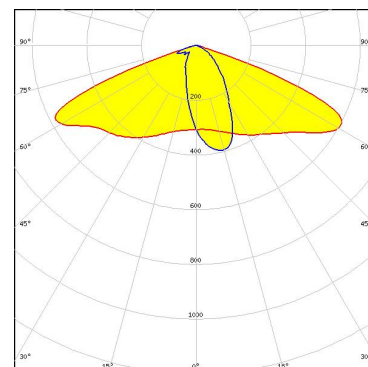
LED OSLON Square EC  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files

**PHILIPS**

LED Fortimo FastFlex LED 4x8up PR G5  
FWHM / FWTM Asymmetric  
Efficiency 86 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

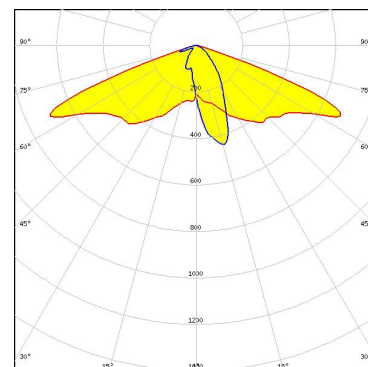


Light distribution files

**SAMSUNG**

LED LH151B  
FWHM / FWTM Asymmetric  
Efficiency 85 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

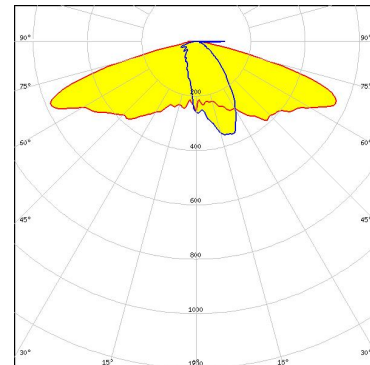


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

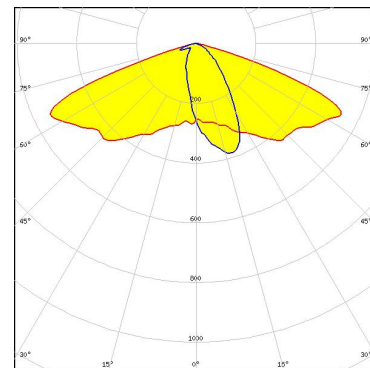
LED LH181A  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

#### SAMSUNG

LED LH181B  
 FWHM / FWTM Asymmetric  
 Efficiency 85 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

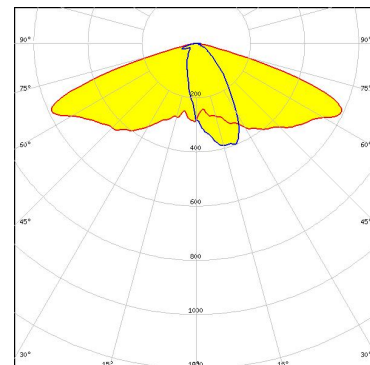


Light distribution files

Protective plate, glass

#### SAMSUNG

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



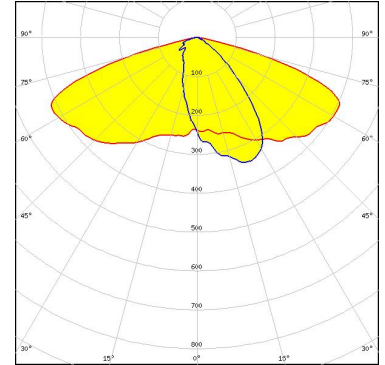
Light distribution files

#### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

LED LH351B  
 FWHM / FWTM Asymmetric  
 Efficiency 85 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

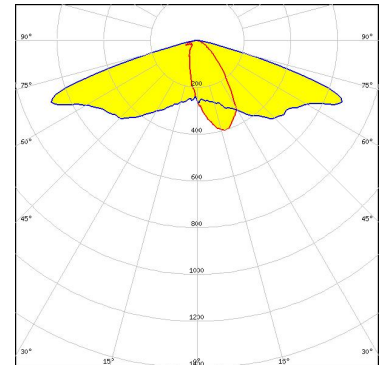
Protective plate, glass



Light distribution files

#### SAMSUNG

LED LM301B  
 FWHM / FWTM Asymmetric  
 Efficiency 96 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

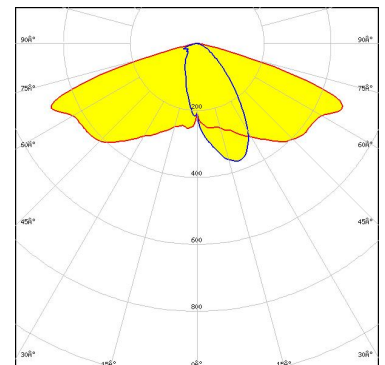


Light distribution files

#### SAMSUNG

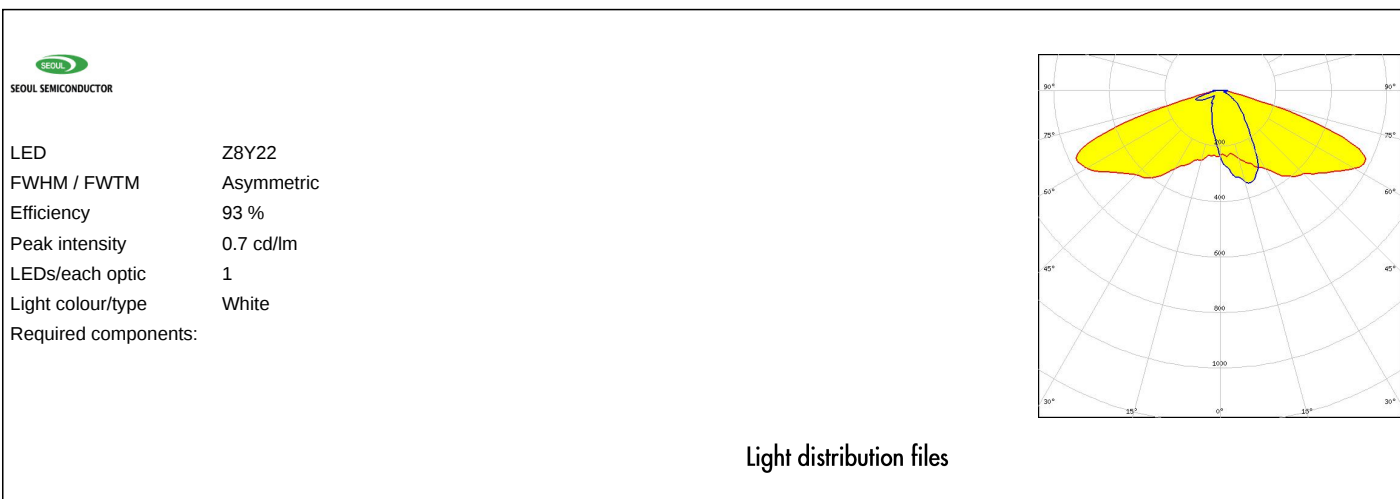
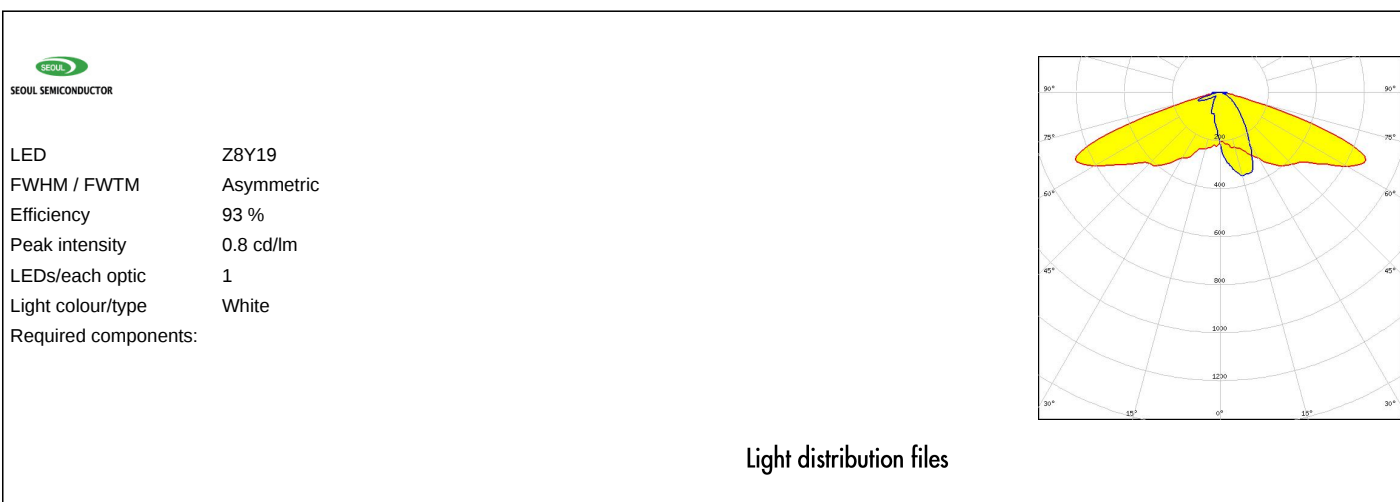
LED LM302D  
 FWHM / FWTM Asymmetric  
 Efficiency 85 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Protective plate, glass



Light distribution files

#### OPTICAL RESULTS (SIMULATED):



### 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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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

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