

## STRADA-2X2-DNW

Soft wide beam with good illuminance uniformity

## SPECIFICATION:

|                |                  |
|----------------|------------------|
| Dimensions     | 50.0 x 50.0      |
| Height         | 11.3 mm          |
| Fastening      | glue, pin, screw |
| ROHS compliant | yes ⓘ            |

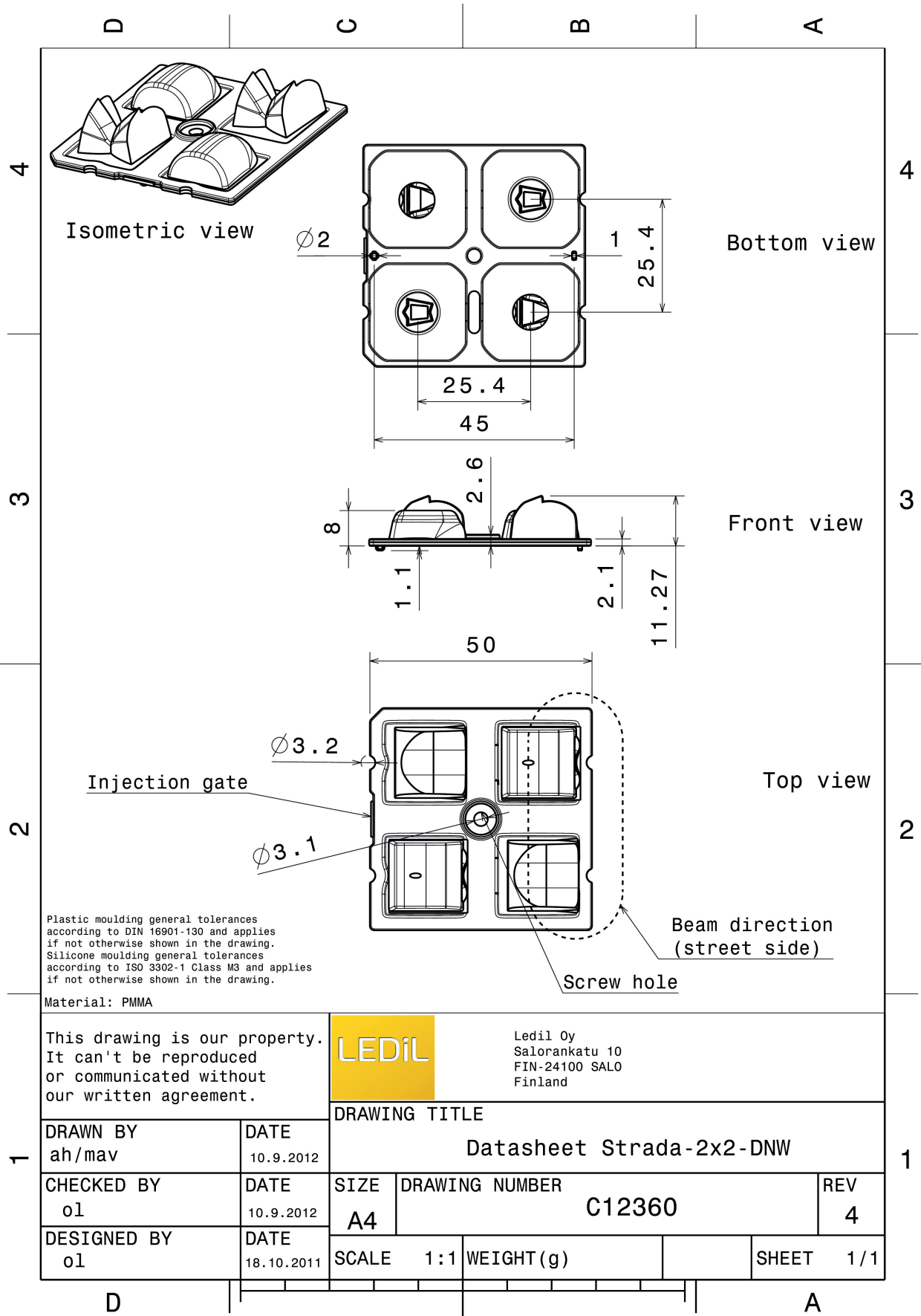
## MATERIALS:

| Component      | Type       | Material | Colour | Finish | Length (mm) |
|----------------|------------|----------|--------|--------|-------------|
| STRADA-2X2-DNW | Multi-lens | PMMA     | clear  |        |             |

## ORDERING INFORMATION:

| Component                                               | Qty in box | MOQ | MPQ | Box weight (kg) |
|---------------------------------------------------------|------------|-----|-----|-----------------|
| C12360_STRADA-2X2-DNW<br>» Box size: 480 x 280 x 300 mm | 800        | 160 | 160 | 8.2             |



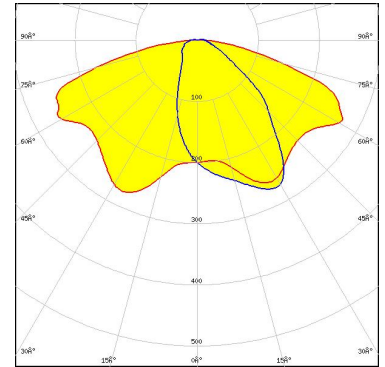


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



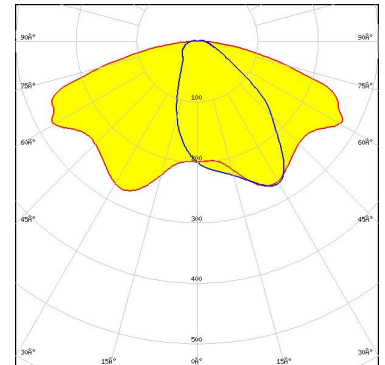
LED QUICK FLUX XTP 2x4 xxx LS G5  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



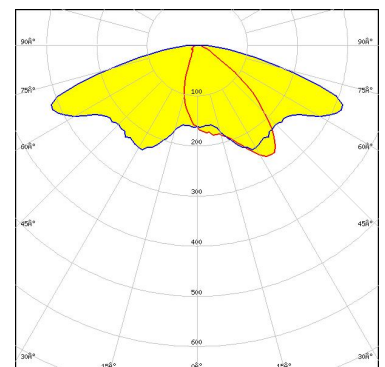
LED QUICK FLUX XTP 2x6 xxx LS G5  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XP-G  
 FWHM / FWTM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

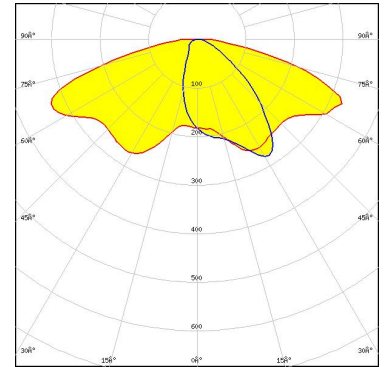


Light distribution files

#### OPTICAL RESULTS (MEASURED):



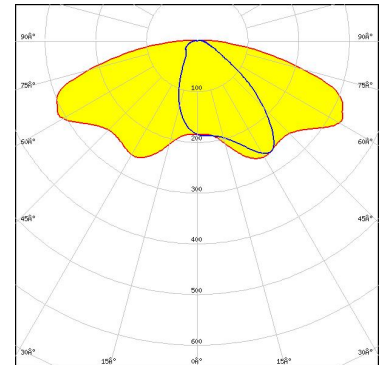
LED XP-G2  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



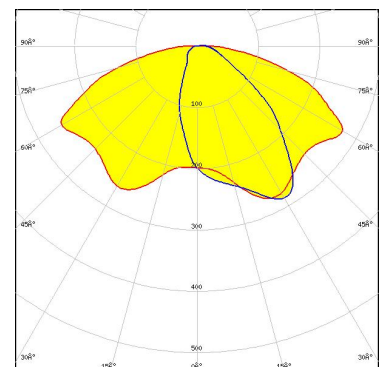
LED XP-G3  
 FWHM / FWTM Asymmetric  
 Efficiency 95 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XP-G3  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C17580\_STRADA-2X2-SHD-WHT

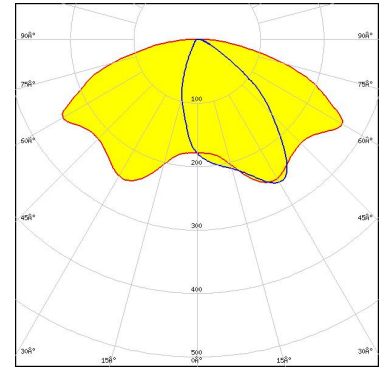


Light distribution files

#### OPTICAL RESULTS (MEASURED):



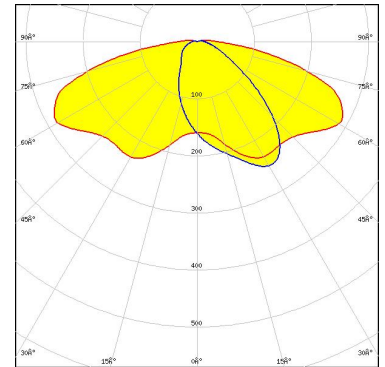
LED XP-G3  
 FWHM / FWTM Asymmetric  
 Efficiency 79 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C17677\_STRADA-2X2-SHD-BLK



Light distribution files



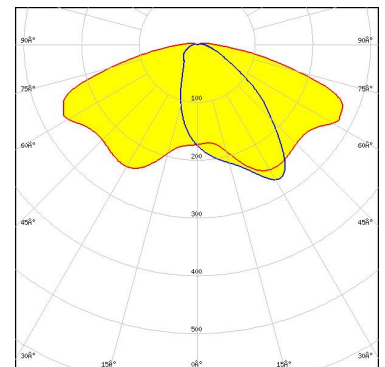
LED XP-L HD  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XP-L HI  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

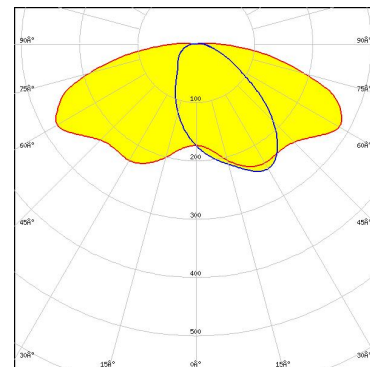


Light distribution files

#### OPTICAL RESULTS (MEASURED):



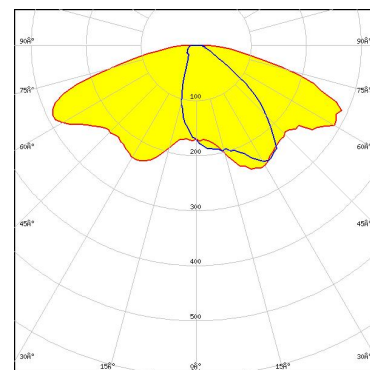
LED XP-L2  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



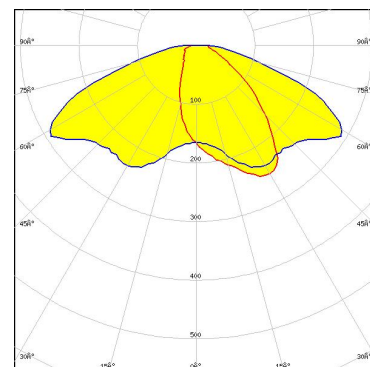
LED XT-E  
 FWHM / FWTM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XT-E HVW  
 FWHM / FWTM Asymmetric  
 Efficiency %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

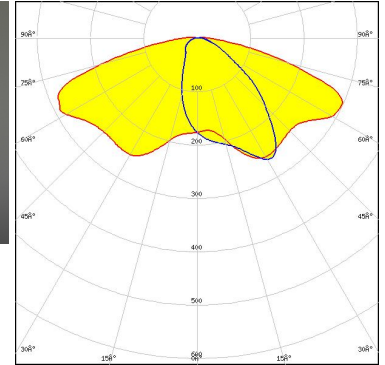


Light distribution files

#### OPTICAL RESULTS (MEASURED):

##### inventronics

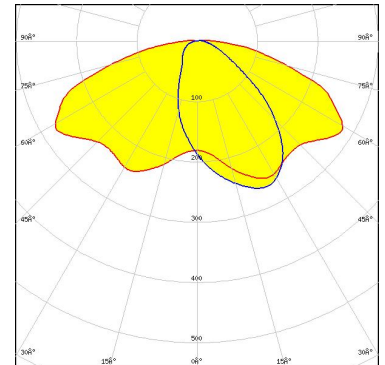
|                      |                       |
|----------------------|-----------------------|
| LED                  | PrevaLED Brick HP 2x8 |
| FWHM / FWTM          | Asymmetric            |
| Efficiency           | 94 %                  |
| Peak intensity       | 0.6 cd/lm             |
| LEDs/each optic      | 1                     |
| Light colour/type    | White                 |
| Required components: |                       |



Light distribution files

##### LUMILEDS

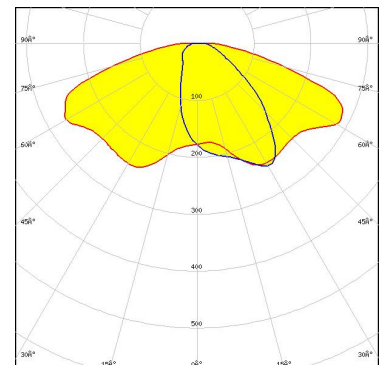
|                      |            |
|----------------------|------------|
| LED                  | LUXEON MZ  |
| FWHM / FWTM          | Asymmetric |
| Efficiency           | 94 %       |
| Peak intensity       | 0.4 cd/lm  |
| LEDs/each optic      | 1          |
| Light colour/type    | White      |
| Required components: |            |



Light distribution files

##### LUMILEDS

|                      |            |
|----------------------|------------|
| LED                  | LUXEON Q   |
| FWHM / FWTM          | Asymmetric |
| Efficiency           | 94 %       |
| Peak intensity       | 0.6 cd/lm  |
| LEDs/each optic      | 1          |
| Light colour/type    | White      |
| Required components: |            |



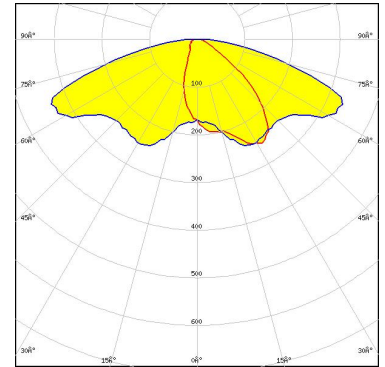
Light distribution files



#### OPTICAL RESULTS (MEASURED):



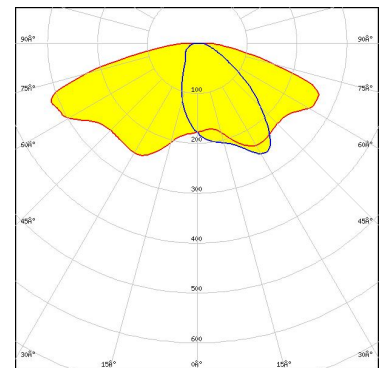
LED LUXEON Rebel ES  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



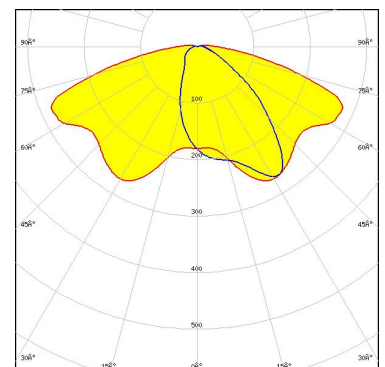
LED LUXEON T  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON TX  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



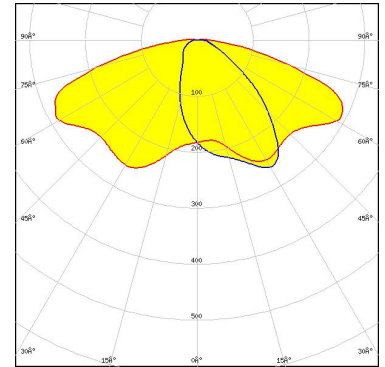
Light distribution files



#### OPTICAL RESULTS (MEASURED):



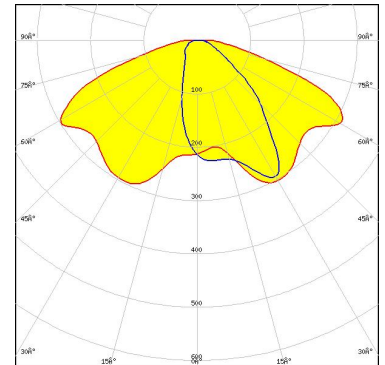
LED LUXEON V2  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



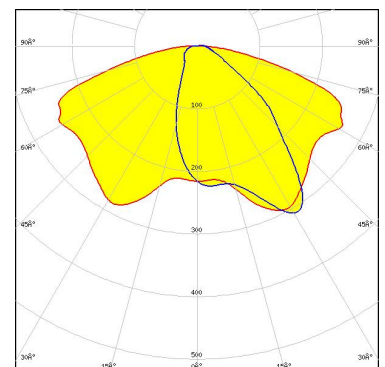
LED LUXEON Z ES  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED RecLED 122x50mm 1900lm 730 2x4 Opt G1  
FWHM / FWTM Asymmetric  
Efficiency 97 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

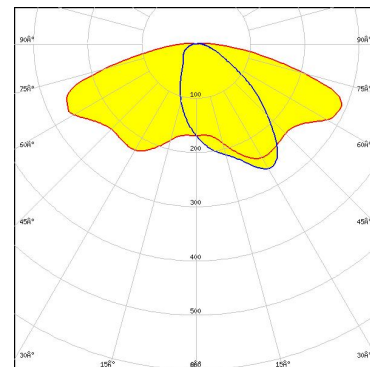


Light distribution files

#### OPTICAL RESULTS (MEASURED):



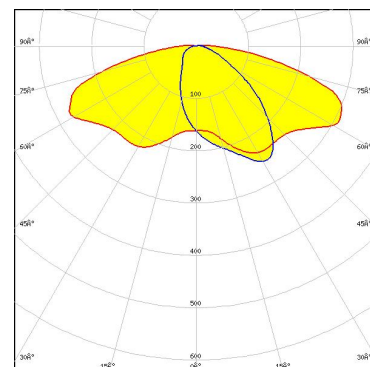
LED NVSW219F  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



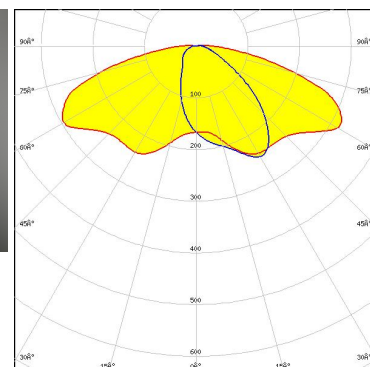
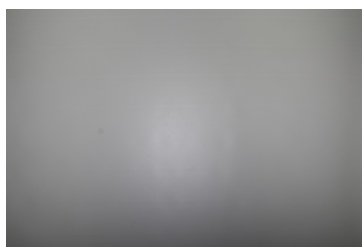
LED NVSW319B  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED NVSW3x9A  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

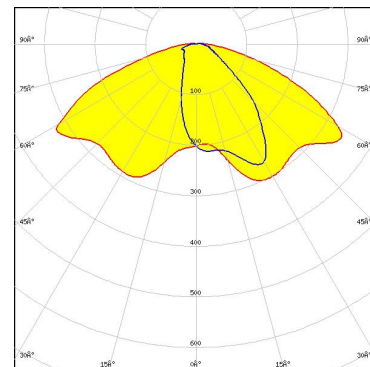


Light distribution files

#### OPTICAL RESULTS (MEASURED):



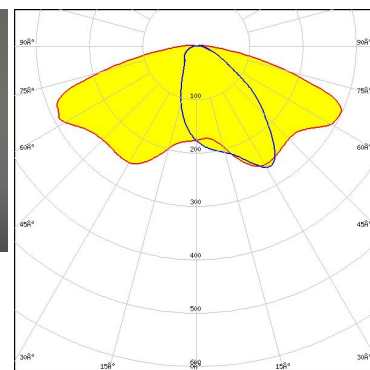
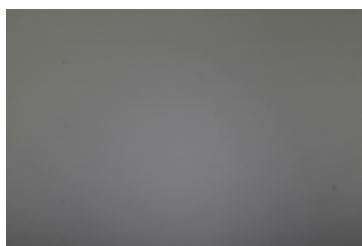
LED NVSxE21A  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



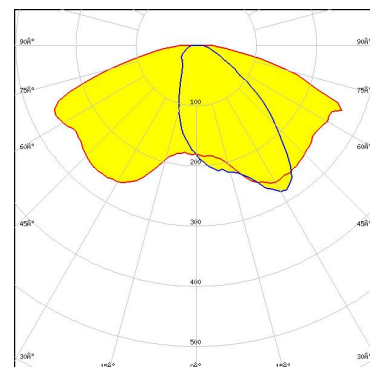
LED OSLON Square CSSRM2/CSSRM3  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED OSLON Square PC  
 FWHM / FWTM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

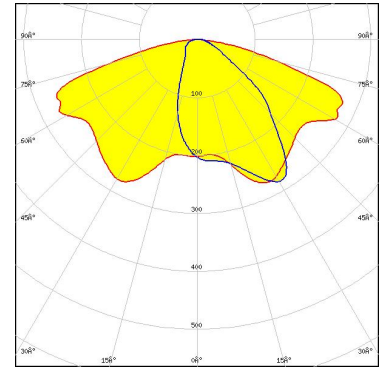


Light distribution files

#### OPTICAL RESULTS (MEASURED):

#### PHILIPS

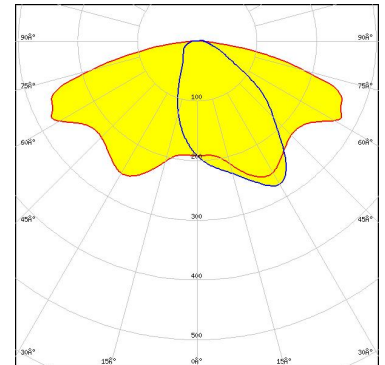
|                      |                                |
|----------------------|--------------------------------|
| LED                  | Fortimo FastFlex LED 2x8 DA G4 |
| FWHM / FWTM          | Asymmetric                     |
| Efficiency           | 94 %                           |
| Peak intensity       | 0.7 cd/lm                      |
| LEDs/each optic      | 1                              |
| Light colour/type    | White                          |
| Required components: |                                |



Light distribution files

#### PHILIPS

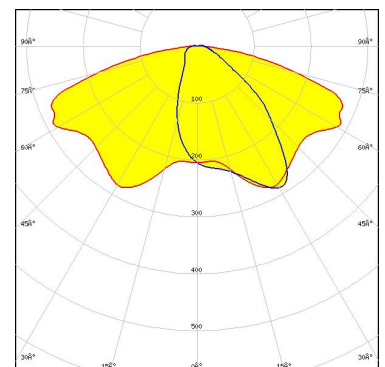
|                      |                                 |
|----------------------|---------------------------------|
| LED                  | Fortimo FastFlex LED 2x8 DA G4+ |
| FWHM / FWTM          | Asymmetric                      |
| Efficiency           | 97 %                            |
| Peak intensity       | 0.6 cd/lm                       |
| LEDs/each optic      | 1                               |
| Light colour/type    | White                           |
| Required components: |                                 |



Light distribution files

#### PHILIPS

|                      |                                |
|----------------------|--------------------------------|
| LED                  | Fortimo FastFlex LED 2x8 DA G5 |
| FWHM / FWTM          | Asymmetric                     |
| Efficiency           | 97 %                           |
| Peak intensity       | 0.6 cd/lm                      |
| LEDs/each optic      | 1                              |
| Light colour/type    | White                          |
| Required components: |                                |

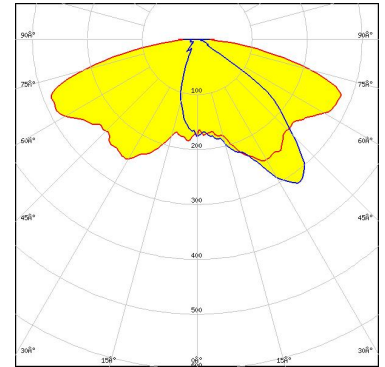


Light distribution files

#### OPTICAL RESULTS (MEASURED):

#### PHILIPS

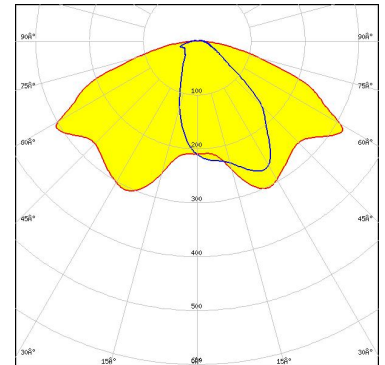
LED Fortimo FastFlex LED 2x8 DAX G4  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

#### SAMSUNG

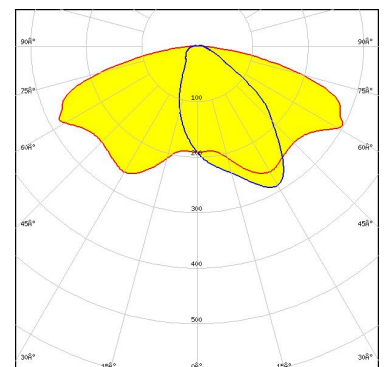
LED HiLOM RC12 Z (LH181B)  
 FWHM / FWTM Asymmetric  
 Efficiency 97 %  
 Peak intensity 0.5 cd/m  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

#### SAMSUNG

LED HiLOM RH12 Z (LH351C)  
 FWHM / FWTM Asymmetric  
 Efficiency 97 %  
 Peak intensity 0.6 cd/m  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

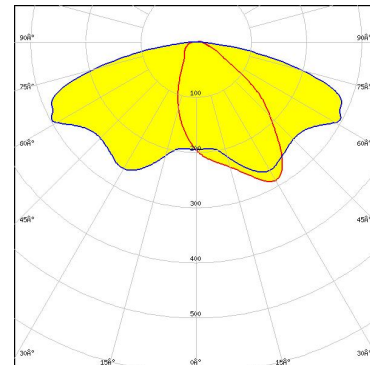


Light distribution files

#### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

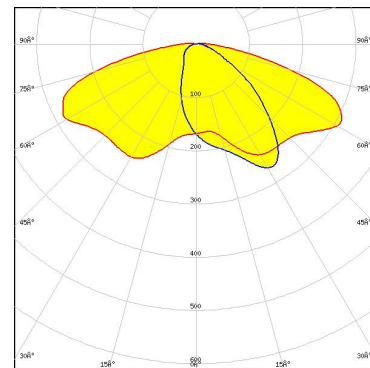
LED HiLOM RH16 (LH351C)  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

#### SAMSUNG

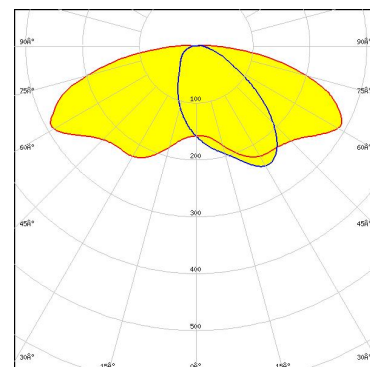
LED LH351B  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

#### SAMSUNG

LED LH351D  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

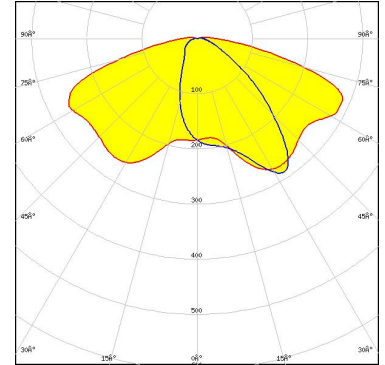


Light distribution files

#### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

LED LH351Z  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

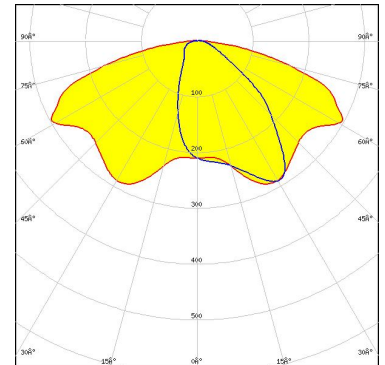


Light distribution files

#### SEITEC

Elektronik GmbH

LED LED-Pa-L15c2W11c2-xxx-C050-01  
 FWHM / FWTM Asymmetric  
 Efficiency 97 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

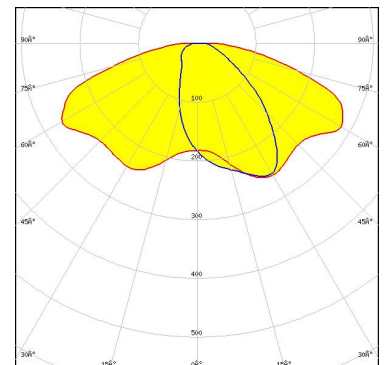


Light distribution files

#### SEUL

SEOUL SEMICONDUCTOR

LED Acrich MJT 4040  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



#### OPTICAL RESULTS (MEASURED):

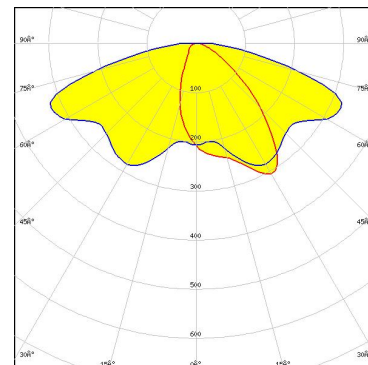


LED Z5  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files



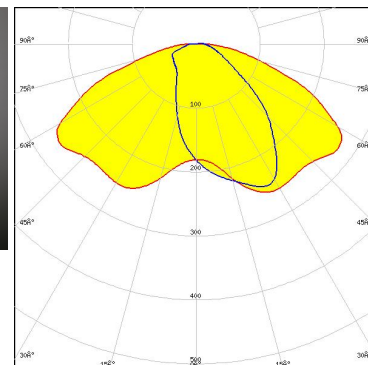
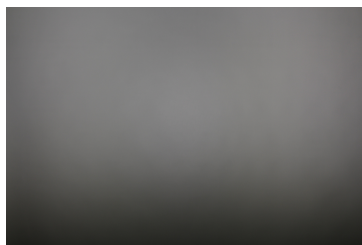
LED Z5M1/Z5M2  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED Z8Y22  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

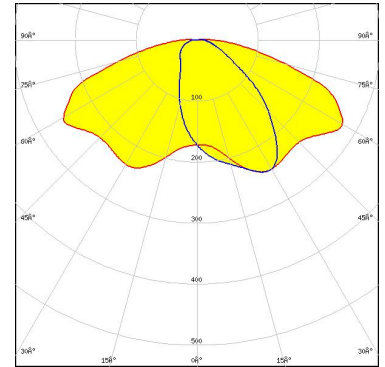


Light distribution files

#### OPTICAL RESULTS (MEASURED):



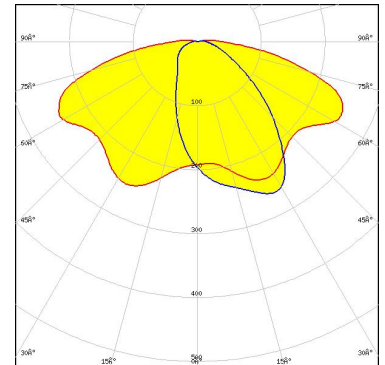
LED Z8Y22P  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



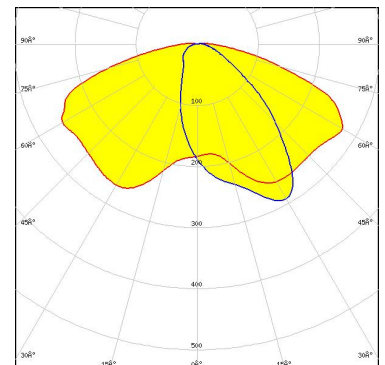
LED TL1L3  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED TL1L4  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### OPTICAL RESULTS (MEASURED):

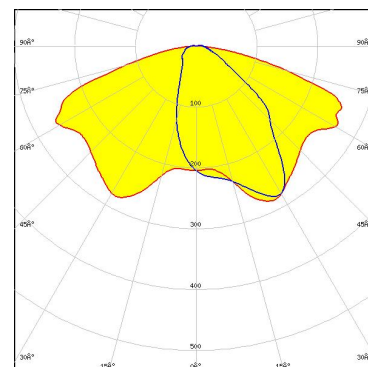
#### TRIDONIC

|                      |                            |
|----------------------|----------------------------|
| LED                  | RLE 2x4 2000lm HP EXC2 OTD |
| FWHM / FWTM          | Asymmetric                 |
| Efficiency           | 94 %                       |
| Peak intensity       | 0.7 cd/lm                  |
| LEDs/each optic      | 1                          |
| Light colour/type    | White                      |
| Required components: |                            |

Light distribution files

#### TRIDONIC

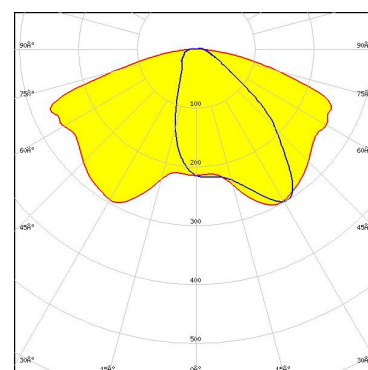
|                      |                            |
|----------------------|----------------------------|
| LED                  | RLE 2x8 4000lm HP EXC2 OTD |
| FWHM / FWTM          | Asymmetric                 |
| Efficiency           | 94 %                       |
| Peak intensity       | 0.7 cd/lm                  |
| LEDs/each optic      | 1                          |
| Light colour/type    | White                      |
| Required components: |                            |



Light distribution files

#### TRIDONIC

|                      |                                    |
|----------------------|------------------------------------|
| LED                  | RLE G1 49x121mm 2000lm xxx EXC OTD |
| FWHM / FWTM          | Asymmetric                         |
| Efficiency           | 94 %                               |
| Peak intensity       | 1 cd/lm                            |
| LEDs/each optic      | 1                                  |
| Light colour/type    | White                              |
| Required components: |                                    |

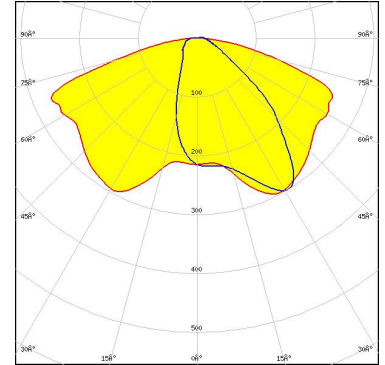


Light distribution files

#### OPTICAL RESULTS (MEASURED):

#### TRIDONIC

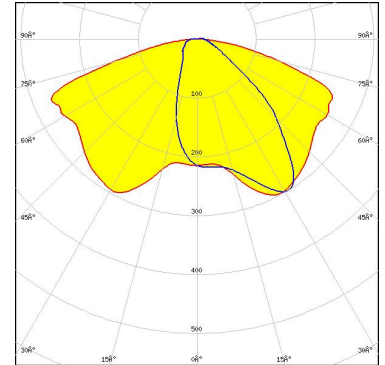
LED RLE G1 49x133mm 2000lm xxx EXC OTD  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

#### TRIDONIC

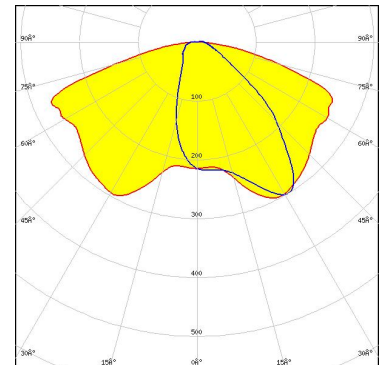
LED RLE G1 49x223mm 4000lm xxx EXC OTD  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

#### TRIDONIC

LED RLE G1 49x245mm 4000lm xxx EXC OTD  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

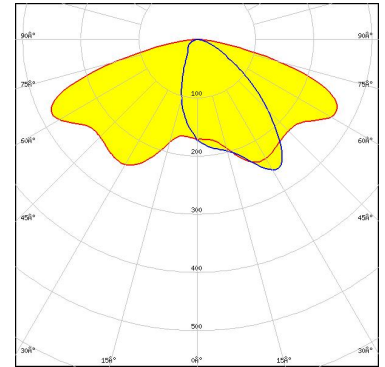
#### OPTICAL RESULTS (SIMULATED):



LED XP-G2  
FWHM / FWTM Asymmetric  
Efficiency 78 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

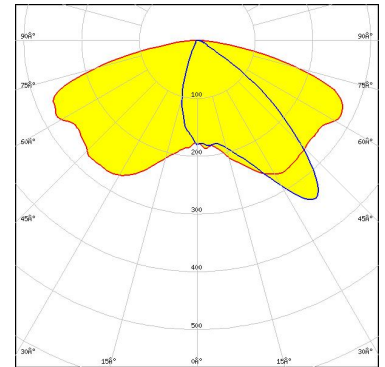
Protective plate, glass

Light distribution files



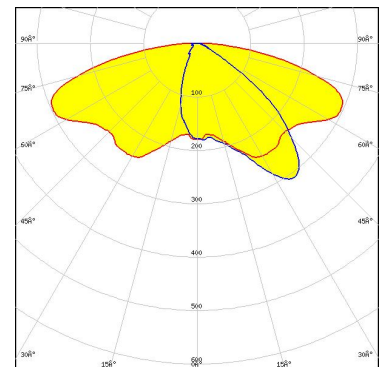
LED XP-G2  
FWHM / FWTM Asymmetric  
Efficiency 91 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C17580\_STRADA-2X2-SHD-WHT

Light distribution files



LED XP-G2 HE  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

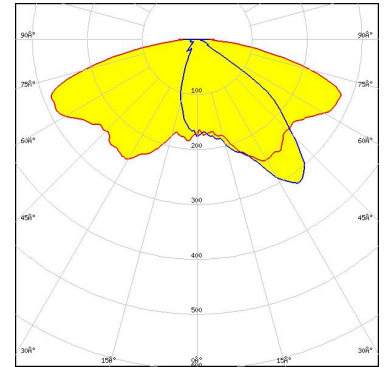
Light distribution files



#### OPTICAL RESULTS (SIMULATED):



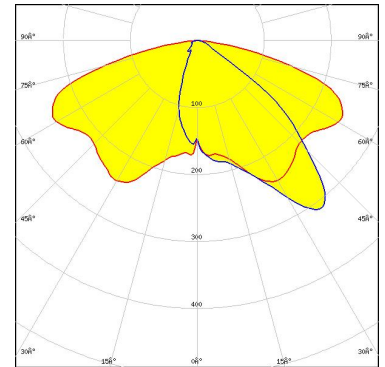
LED XP-G3  
 FWHM / FWTM Asymmetric  
 Efficiency 87 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XP-G3  
 FWHM / FWTM Asymmetric  
 Efficiency 77 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

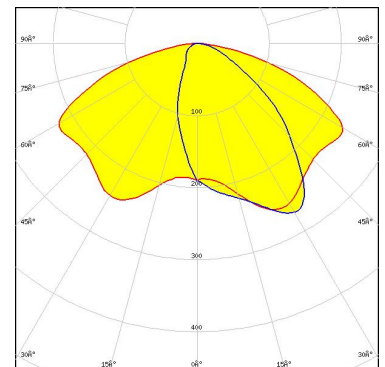


Protective plate, glass

Light distribution files



LED XP-G3  
 FWHM / FWTM Asymmetric  
 Efficiency 73 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C17580\_STRADA-2X2-SHD-WHT



Protective plate, glass

Light distribution files

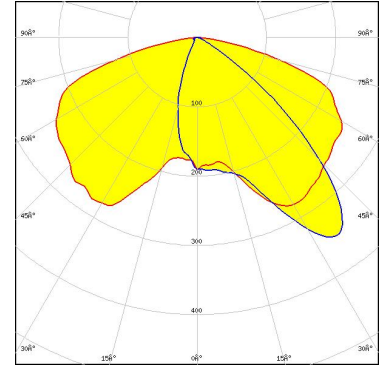
#### OPTICAL RESULTS (SIMULATED):



LED XP-G4  
FWHM / FWTM Asymmetric  
Efficiency 79 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

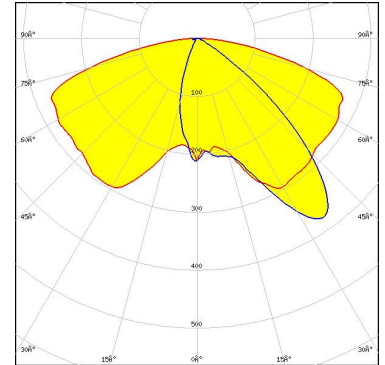
Protective plate, glass

Light distribution files



LED XP-G4  
FWHM / FWTM Asymmetric  
Efficiency 95 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

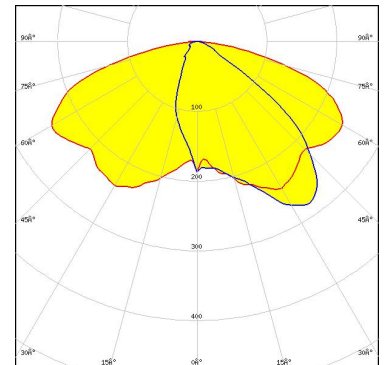
Light distribution files



LED XP-L2  
FWHM / FWTM Asymmetric  
Efficiency 78 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

Light distribution files





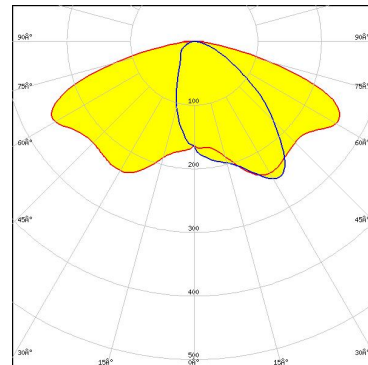
#### OPTICAL RESULTS (SIMULATED):

##### inventronics

|                      |                       |
|----------------------|-----------------------|
| LED                  | PrevaLED Brick HP 2x8 |
| FWHM / FWTM          | Asymmetric            |
| Efficiency           | 77 %                  |
| Peak intensity       | 0.4 cd/lm             |
| LEDs/each optic      | 1                     |
| Light colour/type    | White                 |
| Required components: |                       |

Protective plate, glass

Light distribution files

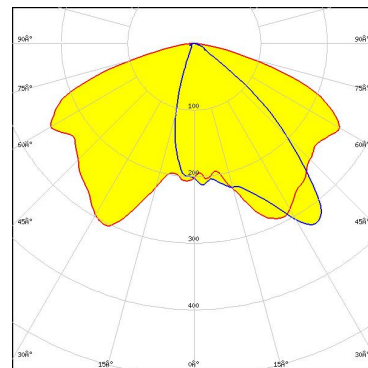


##### LUMILEDS

|                      |                            |
|----------------------|----------------------------|
| LED                  | LUXEON 3030 2D (Round LES) |
| FWHM / FWTM          | Asymmetric                 |
| Efficiency           | 79 %                       |
| Peak intensity       | 0.5 cd/lm                  |
| LEDs/each optic      | 1                          |
| Light colour/type    | White                      |
| Required components: |                            |

Protective plate, glass

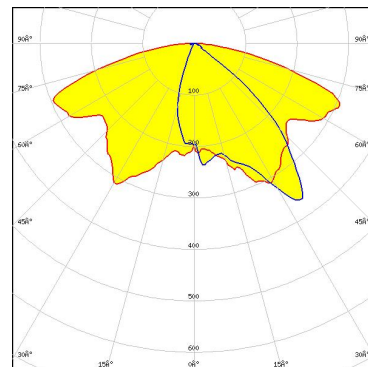
Light distribution files



##### LUMILEDS

|                      |              |
|----------------------|--------------|
| LED                  | LUXEON H50-2 |
| FWHM / FWTM          | Asymmetric   |
| Efficiency           | %            |
| LEDs/each optic      | 1            |
| Light colour/type    | White        |
| Required components: |              |

Light distribution files

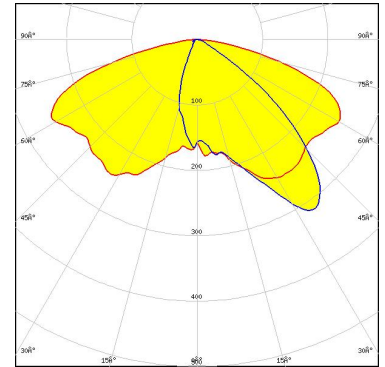


#### OPTICAL RESULTS (SIMULATED):



LED LUXEON HL2X  
 FWHM / FWTM Asymmetric  
 Efficiency 78 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

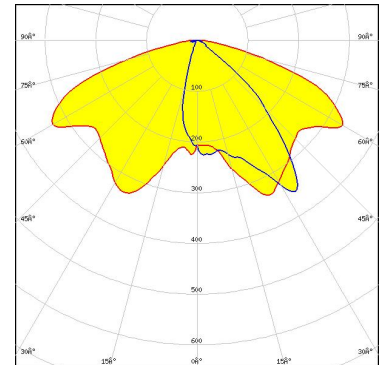
Protective plate, glass



Light distribution files



LED LUXEON HL2Z  
 FWHM / FWTM Asymmetric  
 Efficiency 95 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

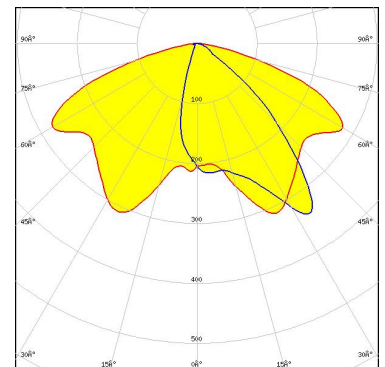


Light distribution files



LED LUXEON HL2Z  
 FWHM / FWTM Asymmetric  
 Efficiency 80 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Protective plate, glass

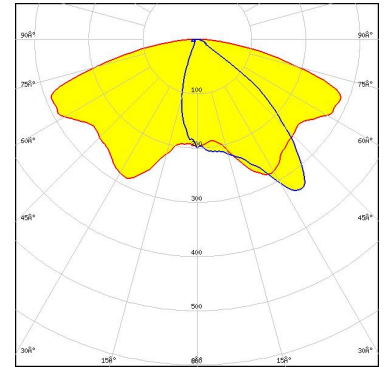


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



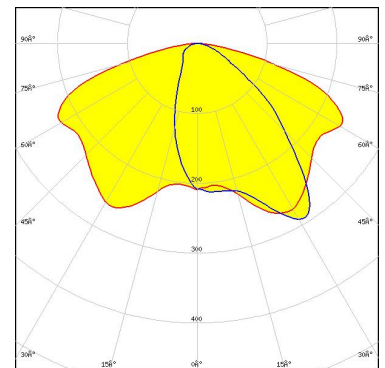
LED LUXEON V2  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED RecLED 122x50mm 1900lm 730 2x4 Opt G1  
 FWHM / FWTM Asymmetric  
 Efficiency 79 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

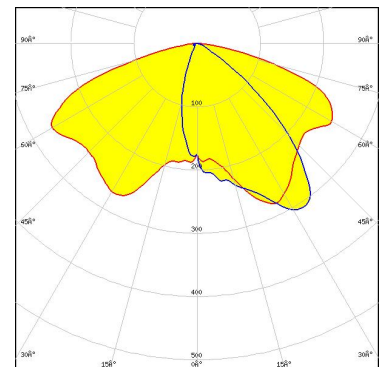


Protective plate, glass

Light distribution files



LED NF2x757G  
 FWHM / FWTM Asymmetric  
 Efficiency 78 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Protective plate, glass

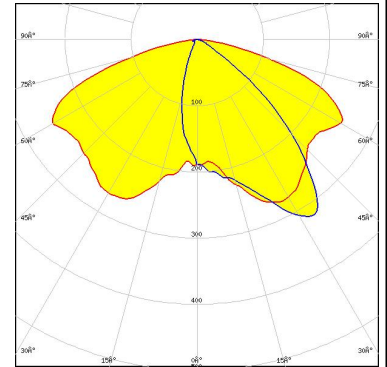
Light distribution files

#### OPTICAL RESULTS (SIMULATED):



LED NFSx757G  
 FWHM / FWTM Asymmetric  
 Efficiency 79 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

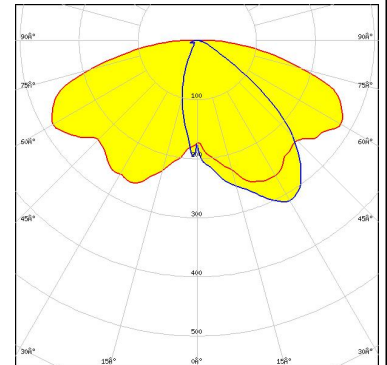
Protective plate, glass



Light distribution files



LED NV4WB35AM  
 FWHM / FWTM Asymmetric  
 Efficiency 95 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

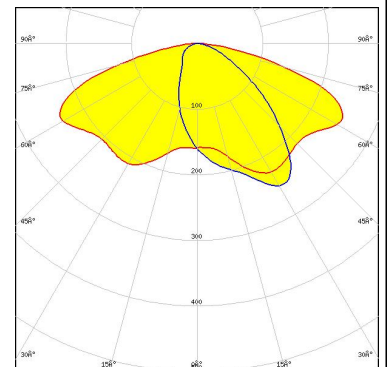


Light distribution files



LED NVSW219F  
 FWHM / FWTM Asymmetric  
 Efficiency 76 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Protective plate, glass

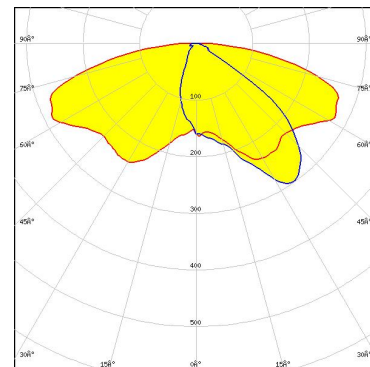


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



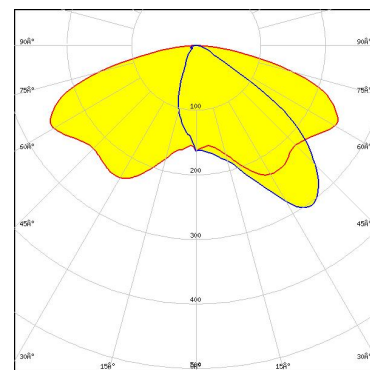
LED NVSW519A  
 FWHM / FWTM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED NVSW519A  
 FWHM / FWTM Asymmetric  
 Efficiency 80 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

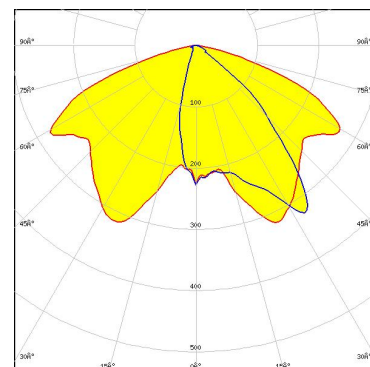


Protective plate, glass

Light distribution files



LED NVSxE21A  
 FWHM / FWTM Asymmetric  
 Efficiency 78 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



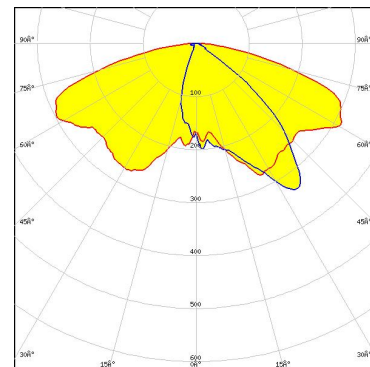
Protective plate, glass

Light distribution files

#### OPTICAL RESULTS (SIMULATED):



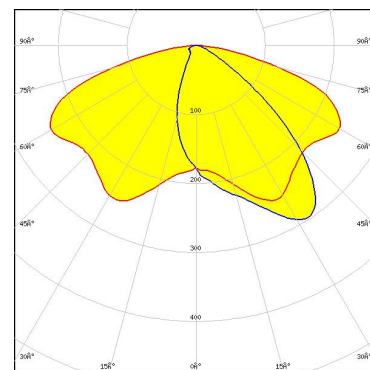
LED NVSxx19B/NVSxx19C  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED OSCONIQ P 3737 (3W version)  
 FWHM / FWTM Asymmetric  
 Efficiency 78 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

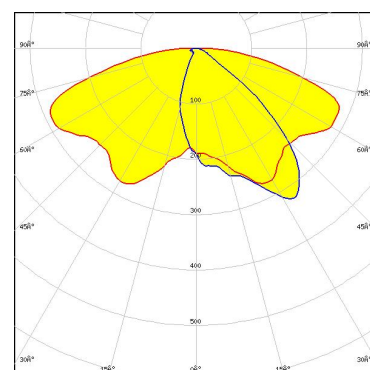


Light distribution files

Protective plate, glass



LED OSCONIQ P 3737 (3W version)  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

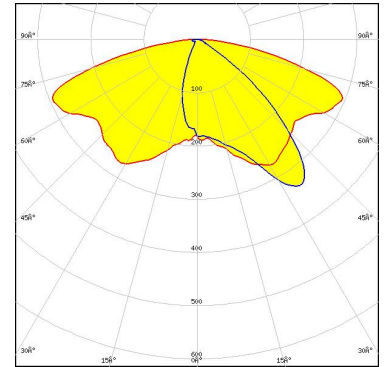


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

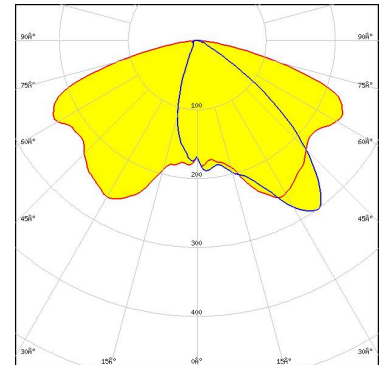
LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM Asymmetric  
Efficiency 95 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM Asymmetric  
Efficiency 78 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

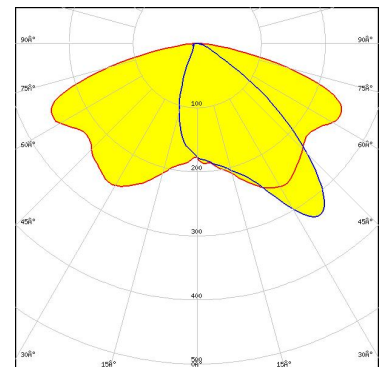


Light distribution files

Protective plate, glass

**OSRAM**  
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM Asymmetric  
Efficiency 80 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

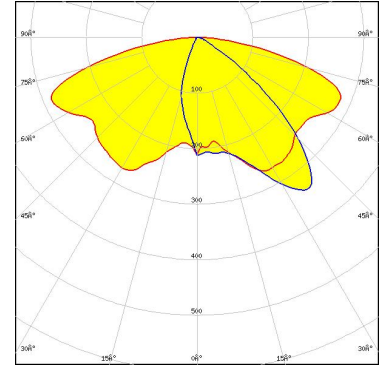
Protective plate, glass



#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

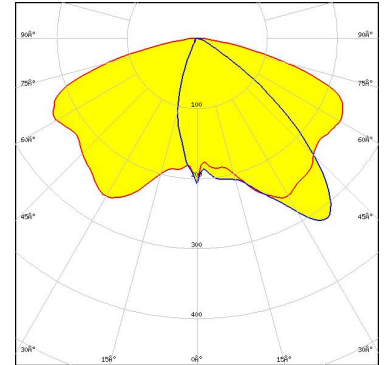
LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM Asymmetric  
Efficiency 91 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C17580\_STRADA-2X2-SHD-WHT



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM Asymmetric  
Efficiency 76 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C17580\_STRADA-2X2-SHD-WHT

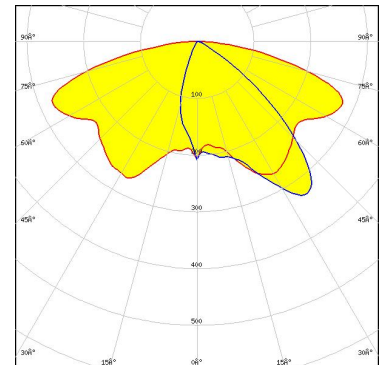


Light distribution files

Protective plate, glass

**OSRAM**  
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM Asymmetric  
Efficiency 88 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C17677\_STRADA-2X2-SHD-BLK



Light distribution files

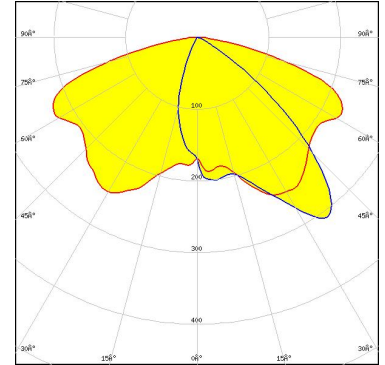
#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM Asymmetric  
Efficiency 72 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C17677\_STRADA-2X2-SHD-BLK

Protective plate, glass

Light distribution files

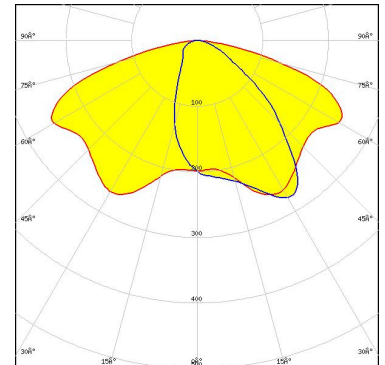


**PHILIPS**

LED Fortimo FastFlex LED 2x8 DA G5  
FWHM / FWTM Asymmetric  
Efficiency 80 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

Light distribution files

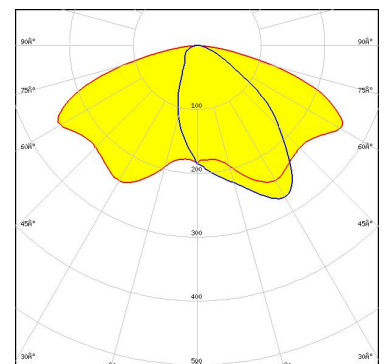


**SAMSUNG**

LED HiLOM RH12 Z (LH351C)  
FWHM / FWTM Asymmetric  
Efficiency 80 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

Light distribution files



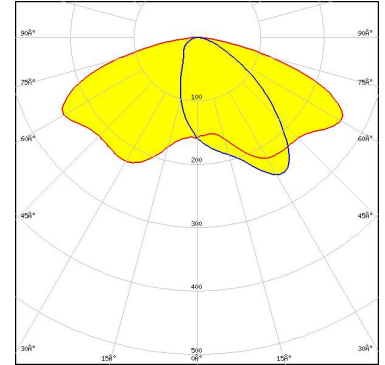
#### OPTICAL RESULTS (SIMULATED):

### SAMSUNG

LED LH351B  
 FWHM / FWTM Asymmetric  
 Efficiency 75 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Protective plate, glass

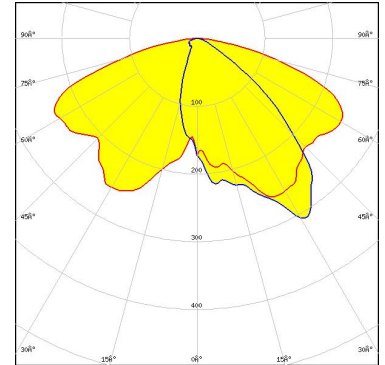
Light distribution files



LED Acrich MJT 4040  
 FWHM / FWTM Asymmetric  
 Efficiency 78 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Protective plate, glass

Light distribution files

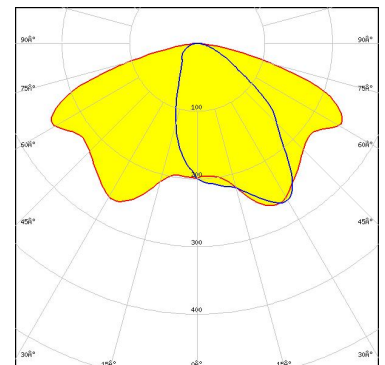


### TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD  
 FWHM / FWTM Asymmetric  
 Efficiency 81 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Protective plate, glass

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.

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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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P.R.CHINA

#### Local sales and technical support

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