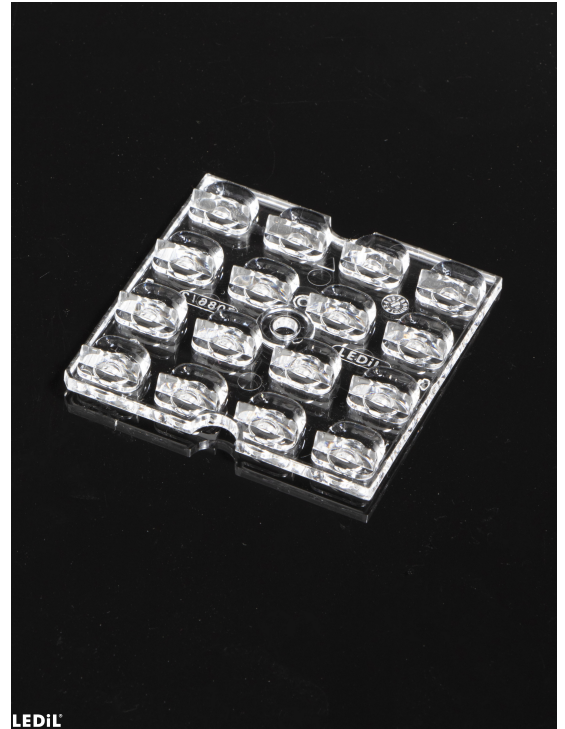


## STRADELLA-16-T4

IESNA Type IV for wider roads and area lighting like car parks and yards.

### SPECIFICATION:

Dimensions	49.5 x 49.5 mm
Height	5.3 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

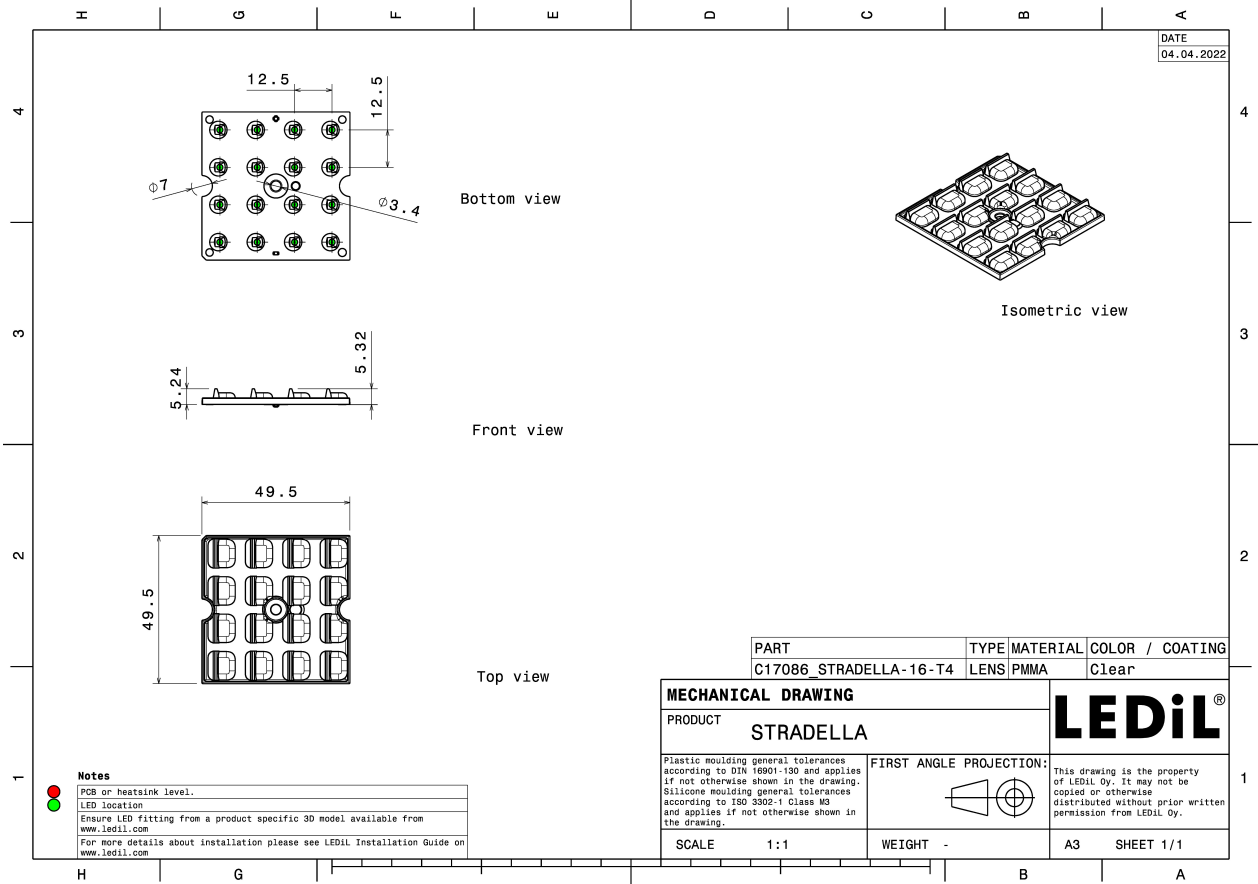


### MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
STRADELLA-16-T4	Multi-lens	PMMA	clear		

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17086_STRADELLA-16-T4 » Box size: 480 x 280 x 300 mm	800	160	160	5.8

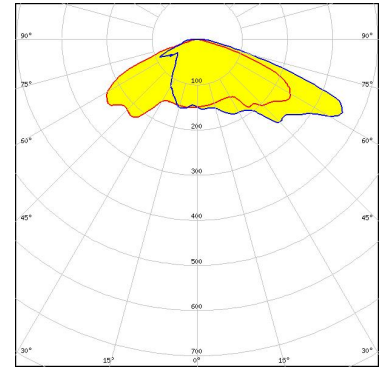


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



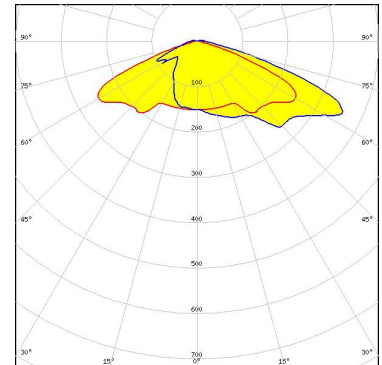
LED J Series 3030  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



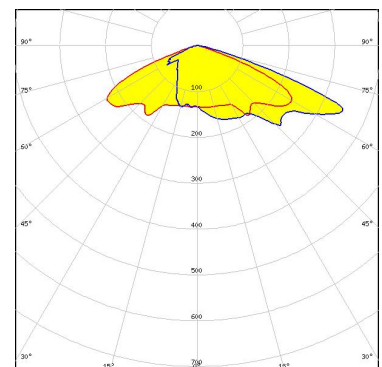
LED EHP-223.5x50-1604-xx-70-LS30-06-NTC  
 FWHM / FWTM Asymmetric  
 Efficiency 95 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



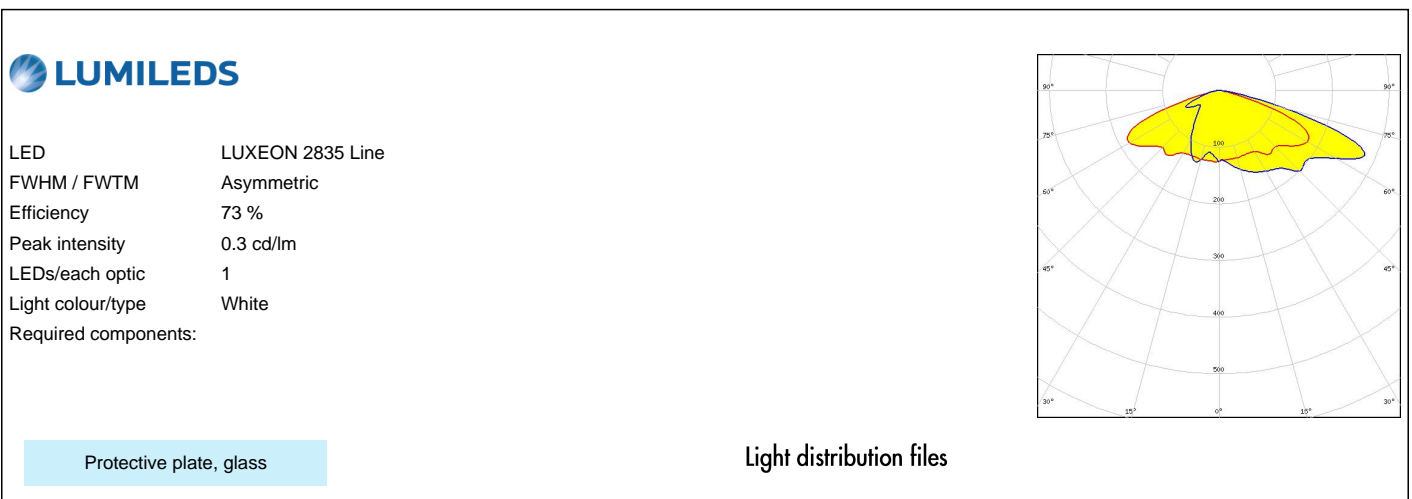
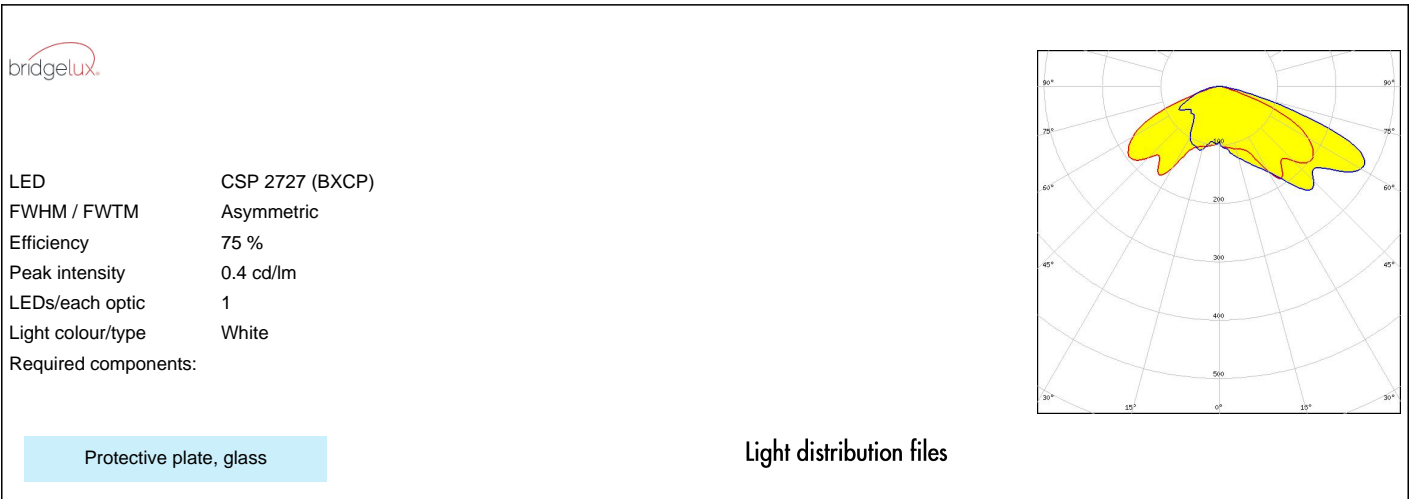
LED LUXEON 3030 2D (Round LES)  
 FWHM / FWTM Asymmetric  
 Efficiency 81 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Protective plate, glass

Light distribution files

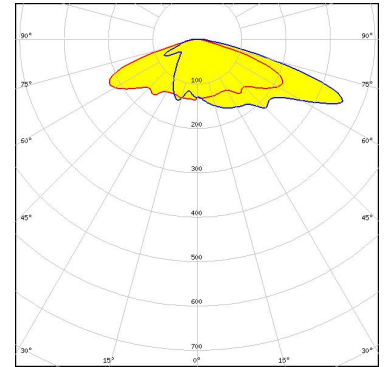
#### OPTICAL RESULTS (SIMULATED):



#### OPTICAL RESULTS (SIMULATED):



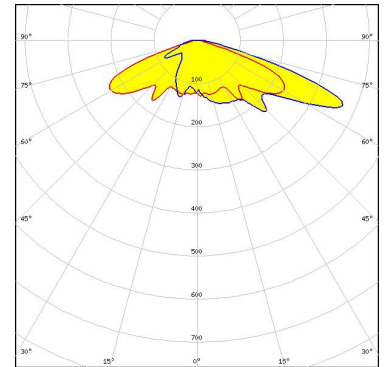
LED LUXEON 2835 Line  
FWHM / FWTM Asymmetric  
Efficiency 89 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



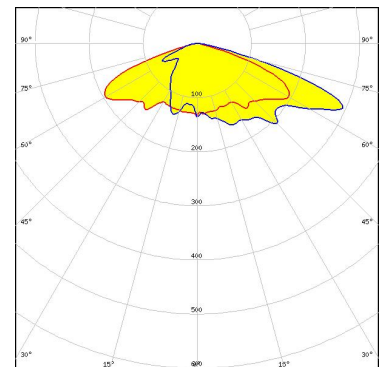
LED LUXEON 3030 2D (Round LES)  
FWHM / FWTM Asymmetric  
Efficiency 88 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON 3030 2D (Square LES)  
FWHM / FWTM Asymmetric  
Efficiency 76 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



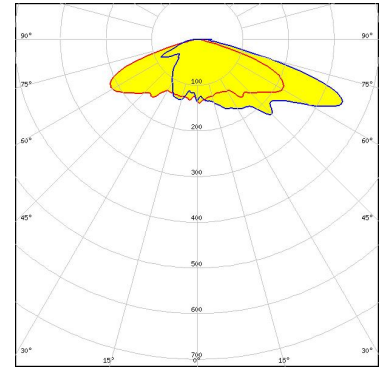
Protective plate, glass

Light distribution files

#### OPTICAL RESULTS (SIMULATED):



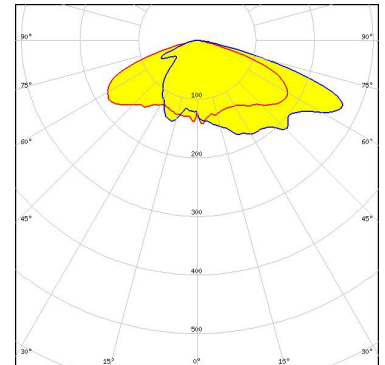
LED LUXEON 3030 HE Plus  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED NF2W757G-MT (Tunable White)  
 FWHM / FWTM Asymmetric  
 Efficiency 76 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type Tunable White  
 Required components:

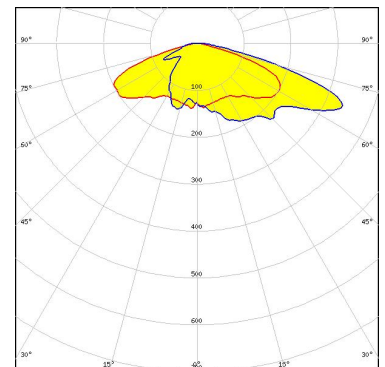


Light distribution files

Protective plate, glass

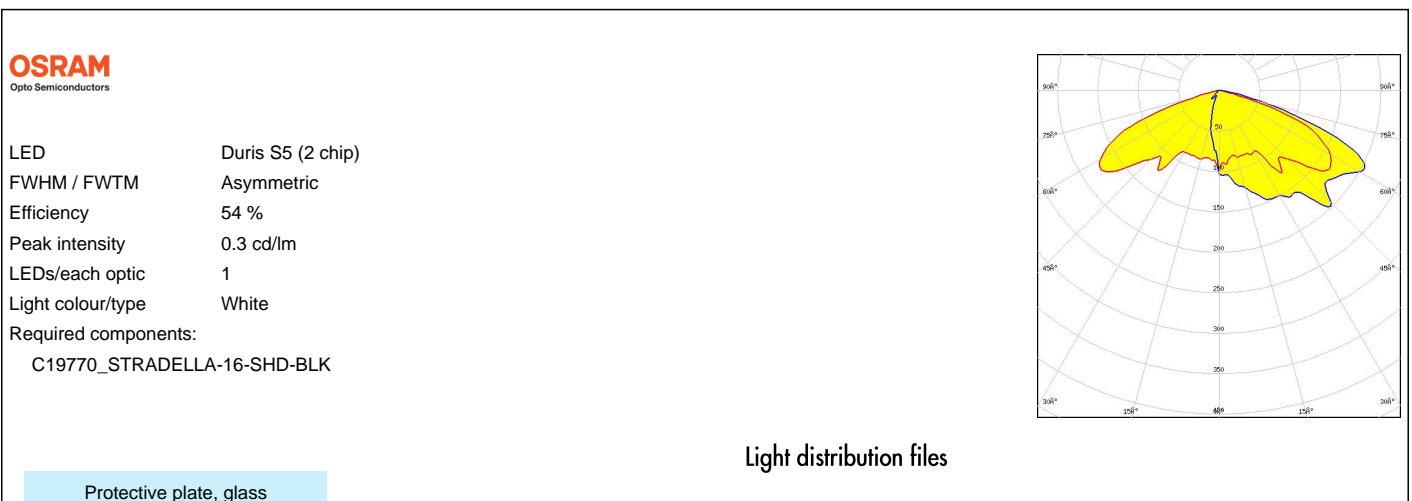
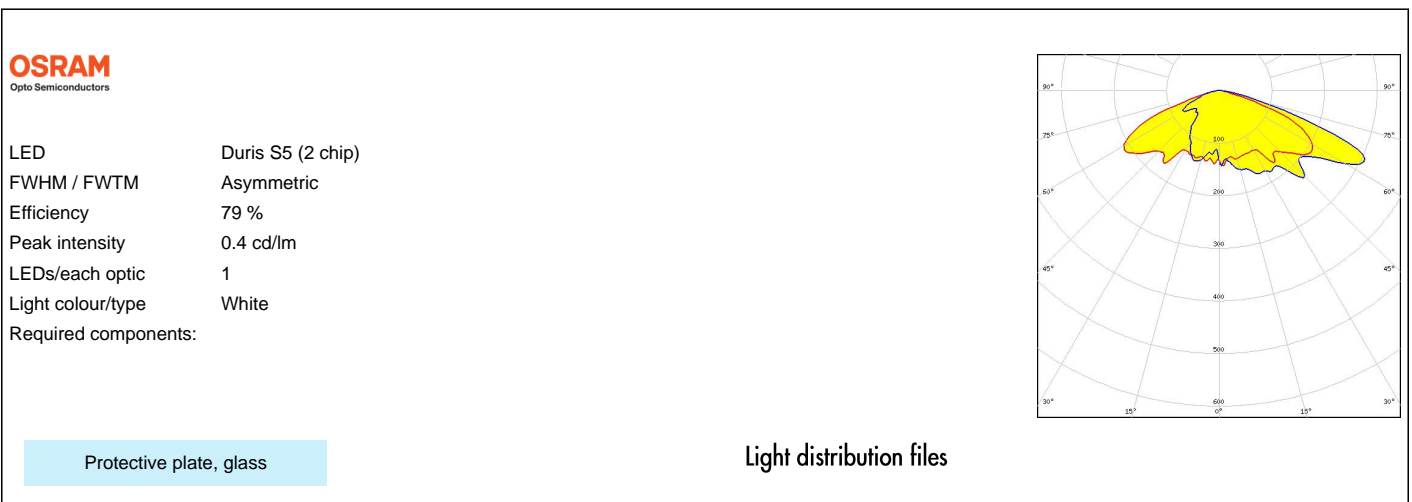
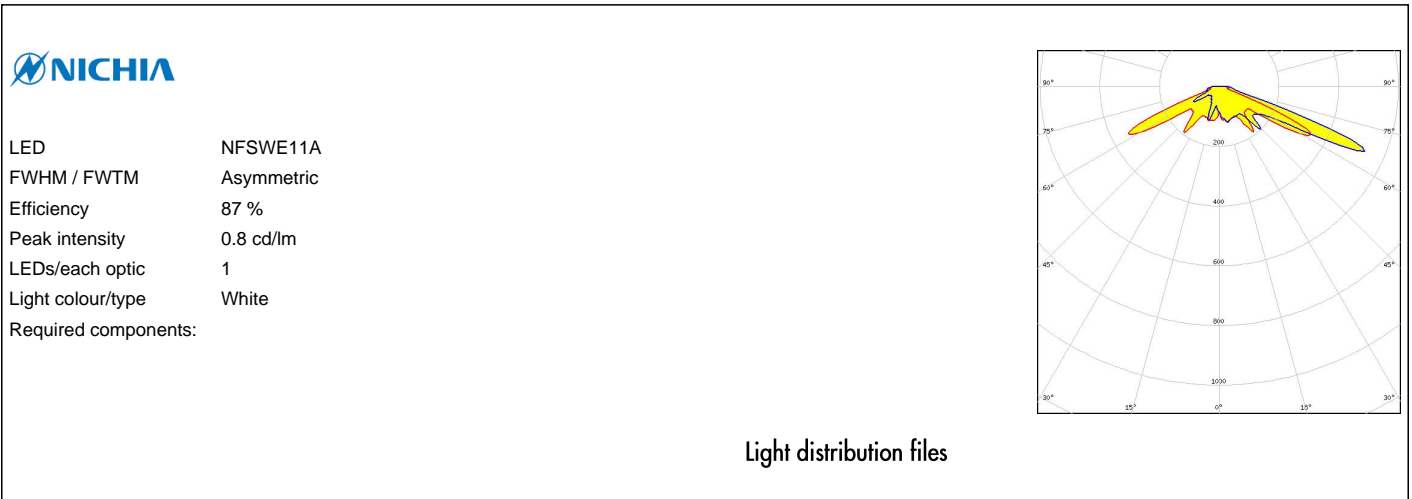


LED NF2W757G-MT (Tunable White)  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type Tunable White  
 Required components:



Light distribution files

#### OPTICAL RESULTS (SIMULATED):



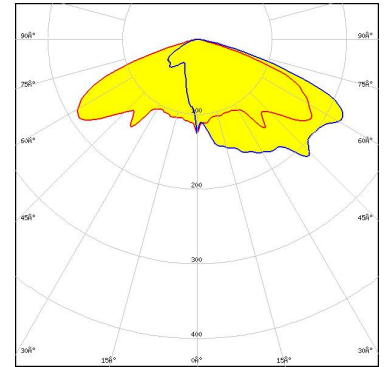
#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED Duris S5 (2 chip)  
FWHM / FWTM Asymmetric  
Efficiency 64 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:  
C19771\_STRADELLA-16-SHD-WHT

Protective plate, glass



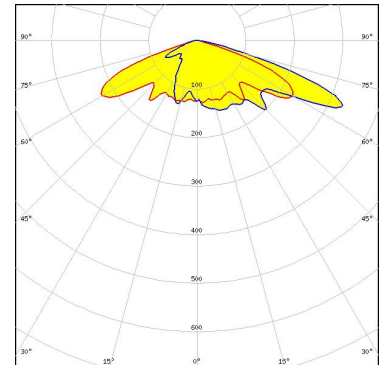
Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSCONIQ C 2424  
FWHM / FWTM Asymmetric  
Efficiency 76 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:

Protective plate, glass

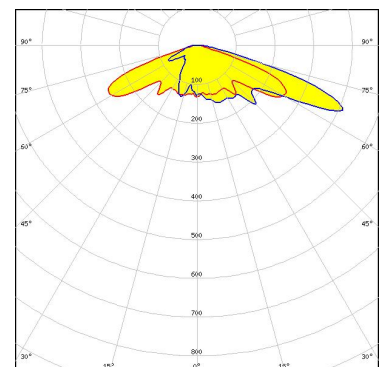


Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSCONIQ C 2424  
FWHM / FWTM Asymmetric  
Efficiency 90 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:



Light distribution files

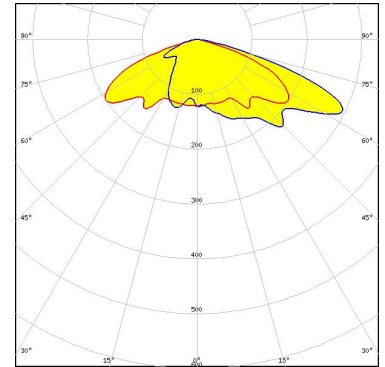


#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED OSCONIQ C 3030  
FWHM / FWTM Asymmetric  
Efficiency 75 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

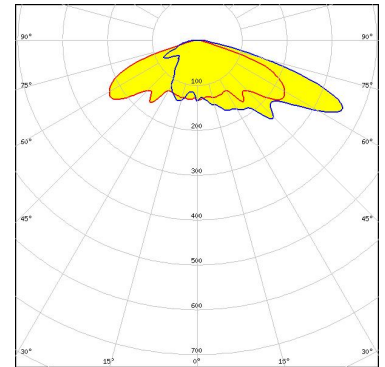
Protective plate, glass



Light distribution files

**OSRAM**  
Opto Semiconductors

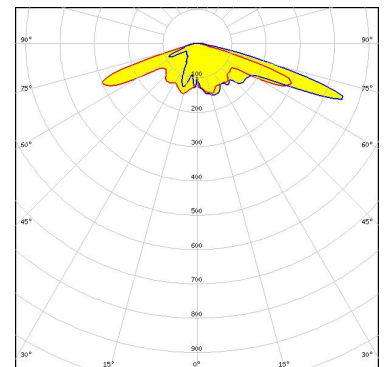
LED OSCONIQ C 3030  
FWHM / FWTM Asymmetric  
Efficiency 91 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSOLON Pure 1414  
FWHM / FWTM Asymmetric  
Efficiency 91 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

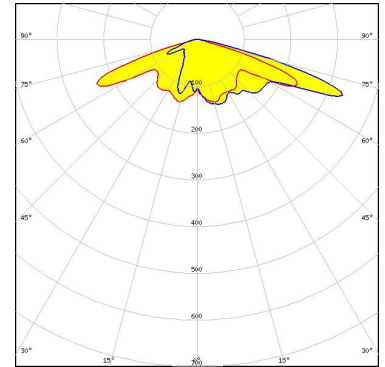
#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED OSLON Pure 1414  
FWHM / FWTM Asymmetric  
Efficiency 73 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

Light distribution files

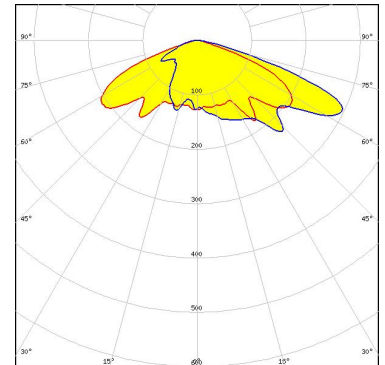


**SAMSUNG**

LED LH181B  
FWHM / FWTM Asymmetric  
Efficiency 77 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

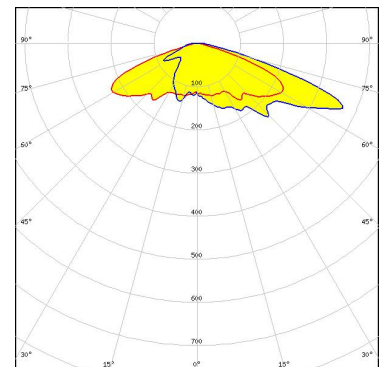
Light distribution files



**SAMSUNG**

LED LM28xB Series  
FWHM / FWTM Asymmetric  
Efficiency 89 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files



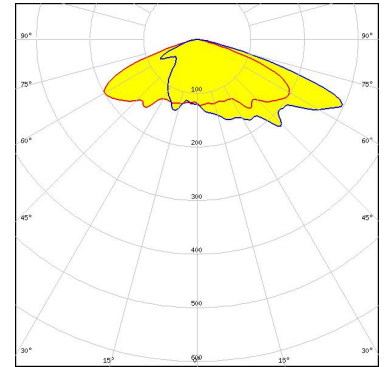
#### OPTICAL RESULTS (SIMULATED):

### SAMSUNG

LED LM28xB Series  
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

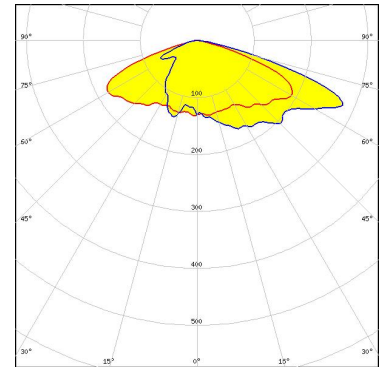


### SAMSUNG

LED LM301B  
FWHM / FWTM Asymmetric  
Efficiency 76 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

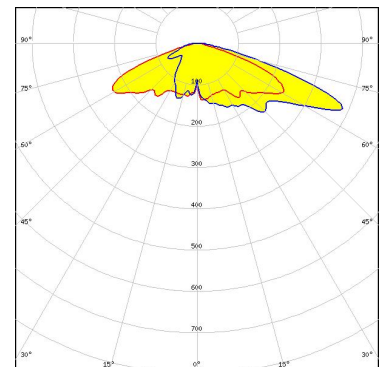
Light distribution files



### SAMSUNG

LED LM301B  
FWHM / FWTM Asymmetric  
Efficiency 89 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files



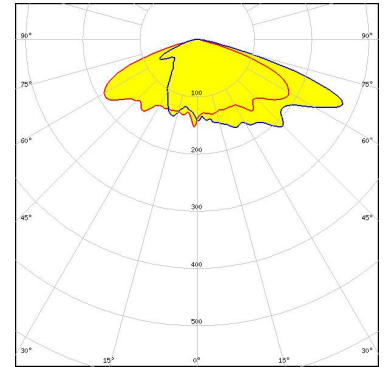
#### OPTICAL RESULTS (SIMULATED):

### SAMSUNG

LED LM302D  
FWHM / FWTM Asymmetric  
Efficiency 75 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Protective plate, glass

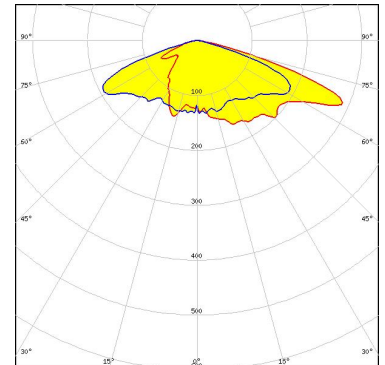
Light distribution files



LED SEOUL DC 3030C  
FWHM / FWTM Asymmetric  
Efficiency 76 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

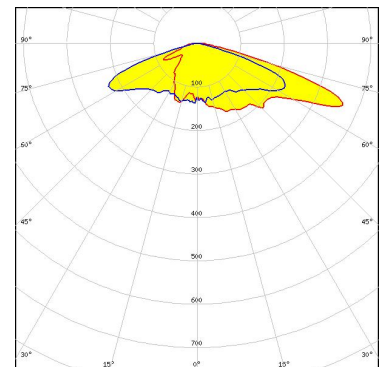
Protective plate, glass

Light distribution files

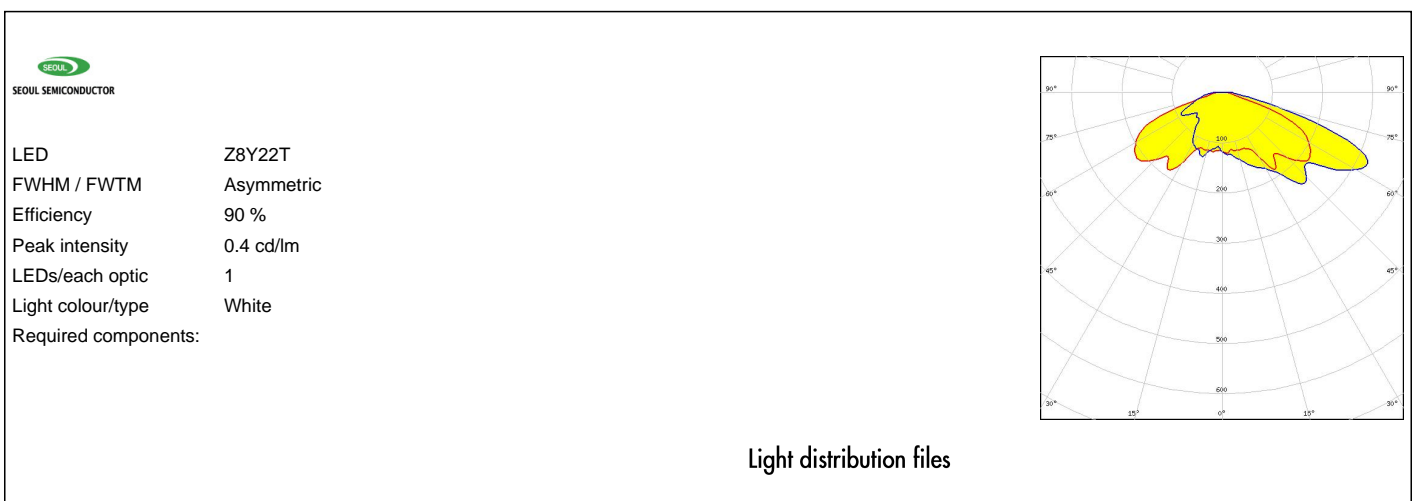
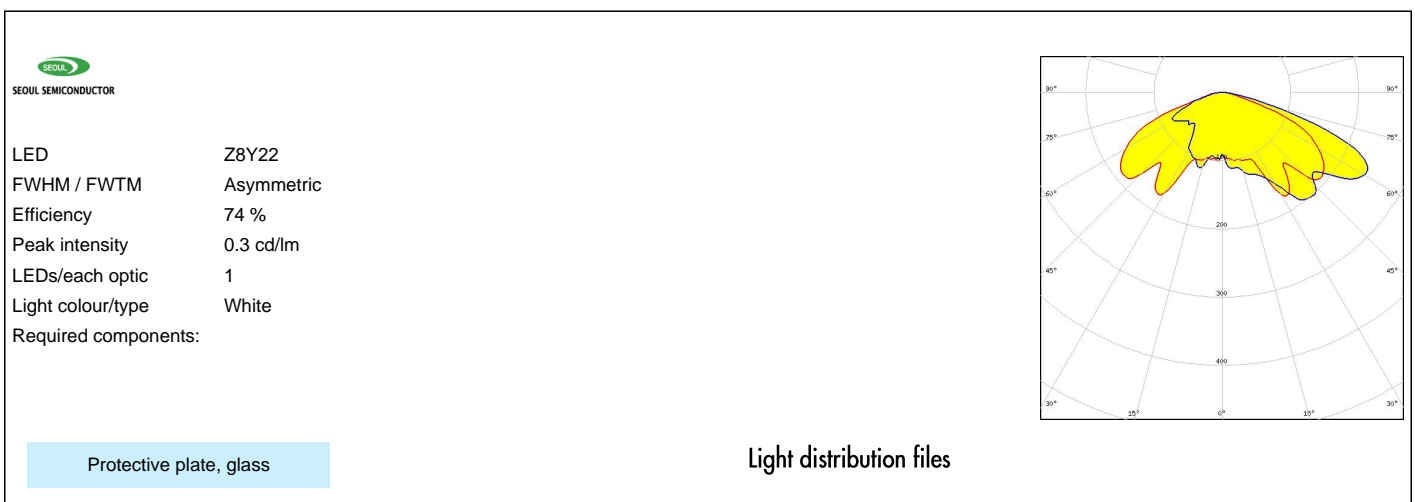
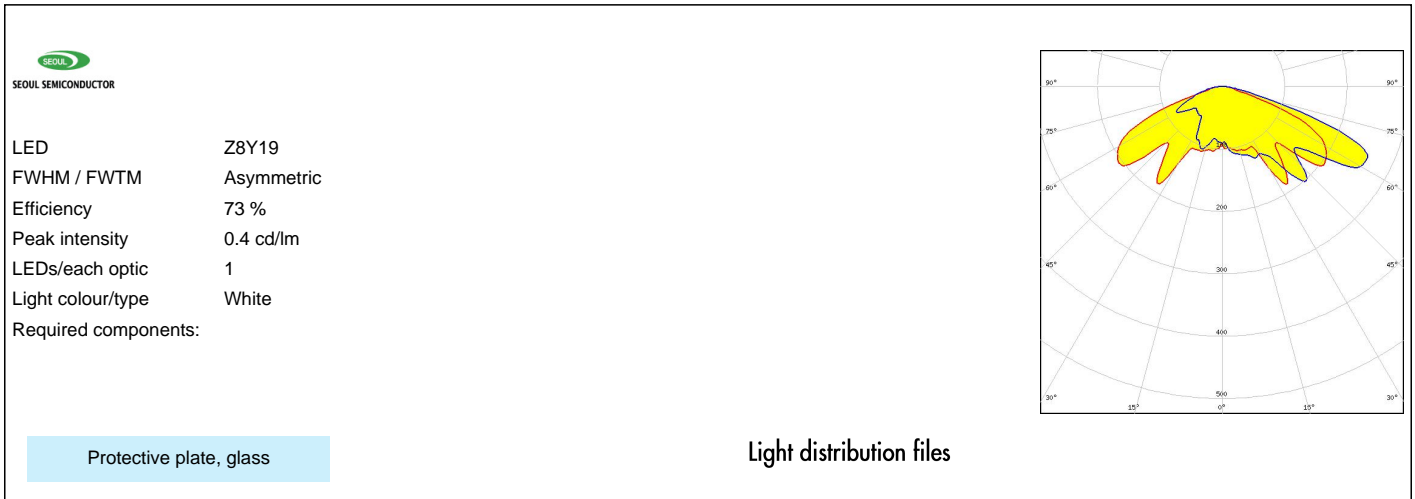


LED SEOUL DC 3030C  
FWHM / FWTM Asymmetric  
Efficiency 89 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:


Light distribution files

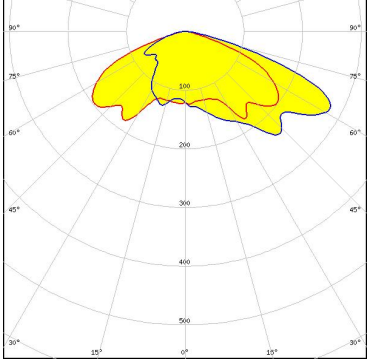


#### OPTICAL RESULTS (SIMULATED):



#### OPTICAL RESULTS (SIMULATED):

 SEUL SEMICONDUCTOR	
LED	Z8Y22T
FWHM / FWTM	Asymmetric
Efficiency	78 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
<div style="background-color: #ADD8E6; padding: 5px; display: inline-block;">Protective plate, glass</div>	
<a href="#">Light distribution files</a>	



### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

### MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 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/  
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