

## TINA-Y-WWW

~75° wide beam. Assembly with holder, installation tape and pins.

### SPECIFICATION:

Dimensions	Ø 16.1
Height	10 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

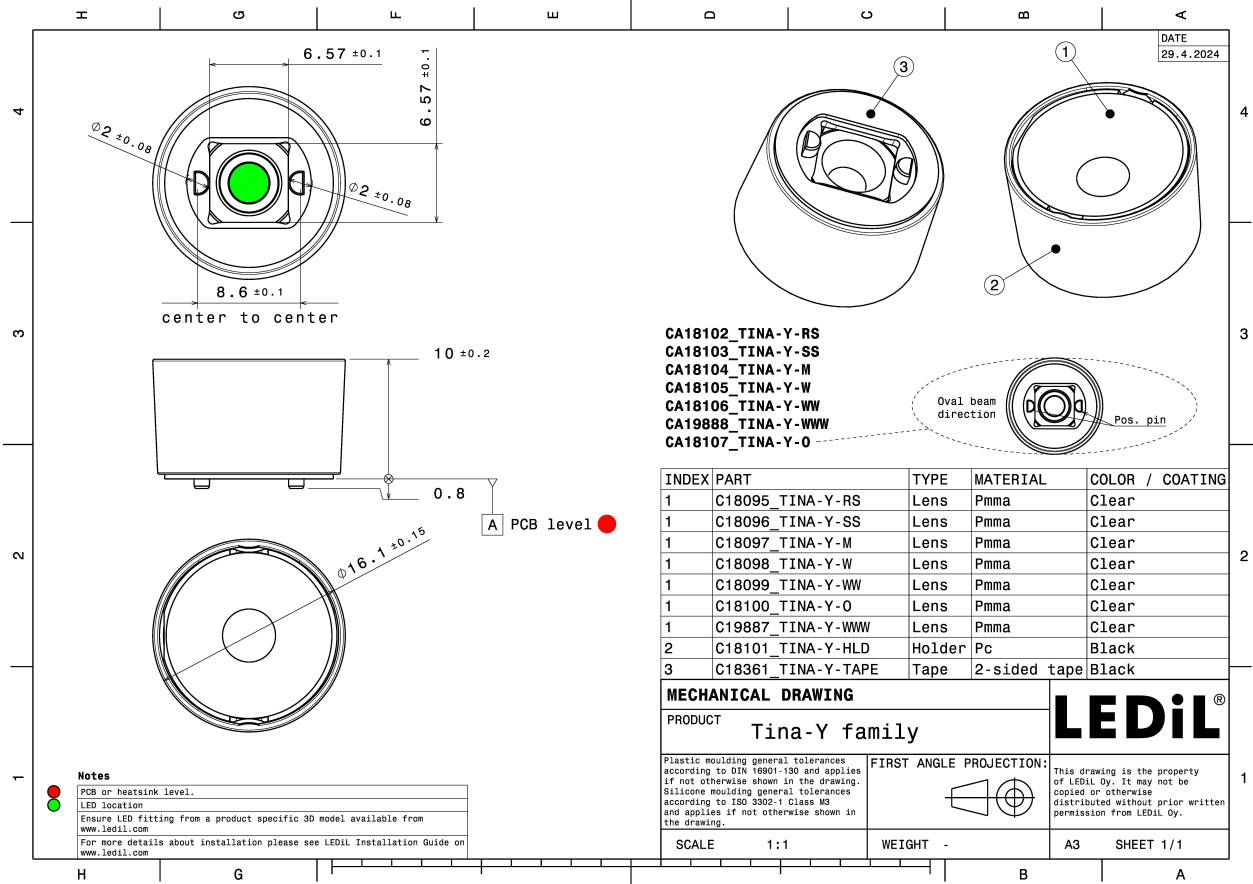


### MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
TINA-Y-WWW	Single lens	PMMA	clear	gloss	
TINA-Y-HLD	Holder	PC	black	gloss	
TINA-Y-TAPE	Tape	Acryl tape			

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA19888_TINA-Y-WWW » Box size: 476 x 273 x 197 mm	3900	300	300	6.1

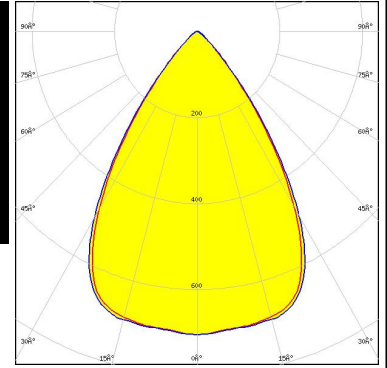
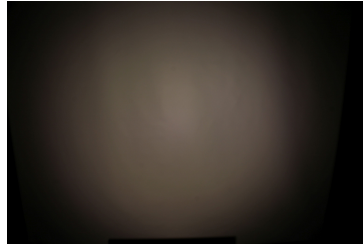


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## OPTICAL RESULTS (MEASURED):

### SAMSUNG

LED LM301B  
FWHM / FWTM 68.0° / 92.0°  
Efficiency 85 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

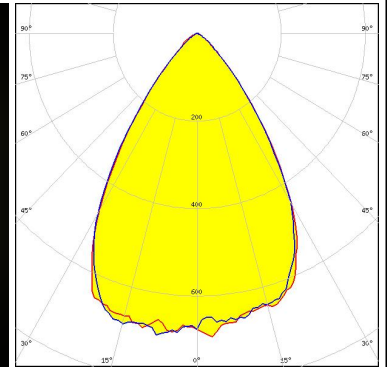


Light distribution files

### OPTICAL RESULTS (SIMULATED):



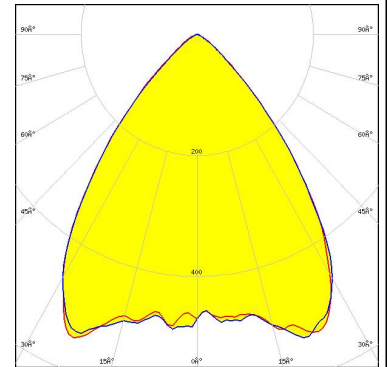
LED J Series 3030  
FWHM / FWTM 68.0° / 96.0°  
Efficiency 83 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



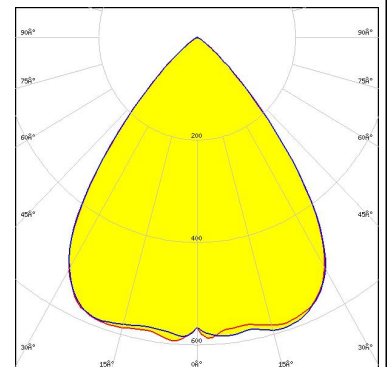
LED XM-L2  
FWHM / FWTM 77.0° / 105.0°  
Efficiency 81 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XP-E2  
FWHM / FWTM 78.0° / 100.0°  
Efficiency 88 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

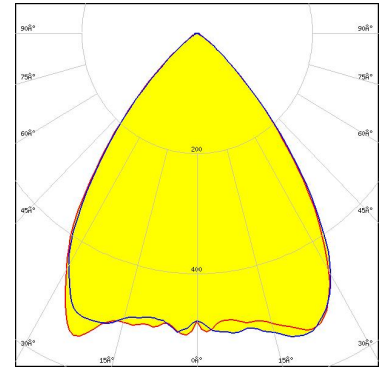


Light distribution files

### OPTICAL RESULTS (SIMULATED):



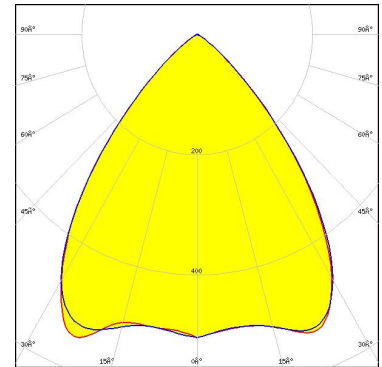
LED XP-G3  
FWHM / FWTM 76.0° / 101.0°  
Efficiency 80 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



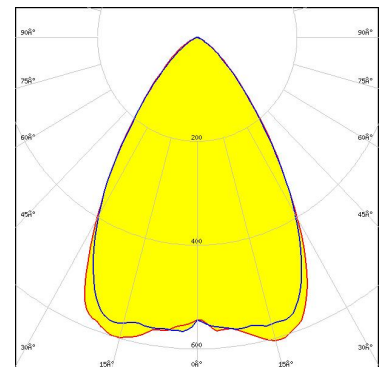
LED XP-G4  
FWHM / FWTM 78.0° / 103.0°  
Efficiency 82 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON 5050 Round LES  
FWHM / FWTM 68.0° / 106.0°  
Efficiency 78 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

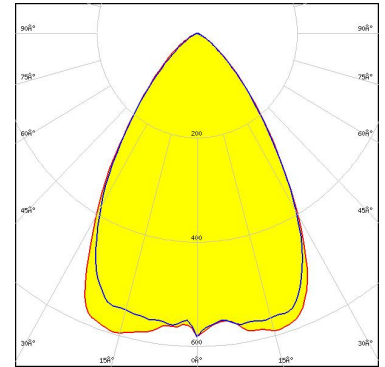


Light distribution files

### OPTICAL RESULTS (SIMULATED):



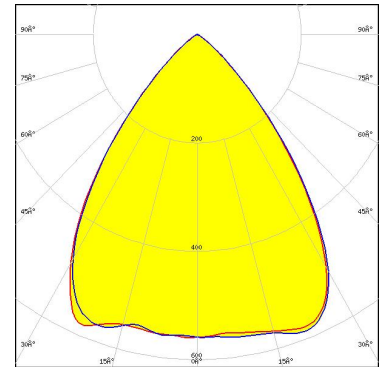
LED LUXEON 5050 Square LES  
FWHM / FWTM 69.0° / 106.0°  
Efficiency 78 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



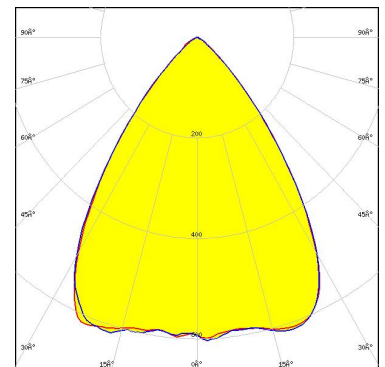
LED LUXEON TX  
FWHM / FWTM 75.0° / 100.0°  
Efficiency 84 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED NFSW757H  
FWHM / FWTM 72.0° / 99.0°  
Efficiency 86 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

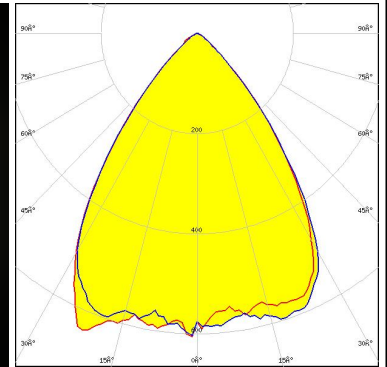


Light distribution files

### OPTICAL RESULTS (SIMULATED):



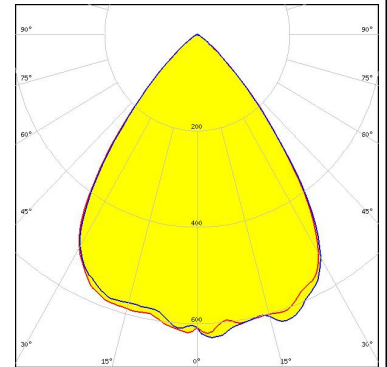
LED NFSW757H  
 FWHM / FWTM 74.0° / 99.0 + 100.0°  
 Efficiency 86 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



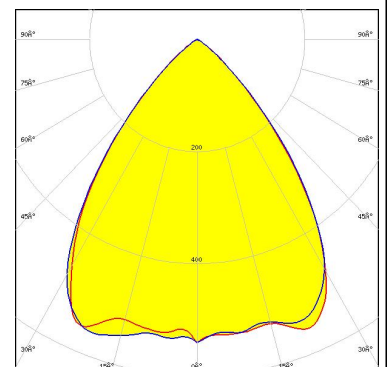
LED OSOLON Signal  
 FWHM / FWTM 76.0° / 100.0°  
 Efficiency 88 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type Blue  
 Required components:



Light distribution files



LED OSOLON Square CSSRM2/CSSRM3  
 FWHM / FWTM 78.0° / 103.0°  
 Efficiency 83 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

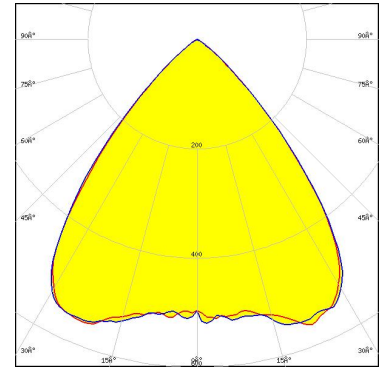


Light distribution files

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

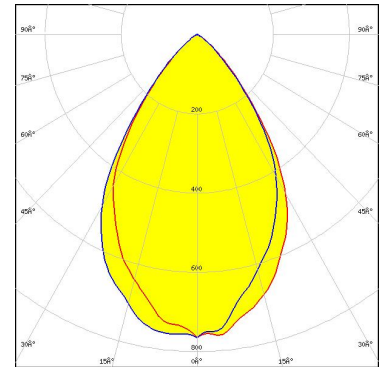
LED OSLON SSL 150  
FWHM / FWTM 80.0° / 101.0°  
Efficiency 87 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

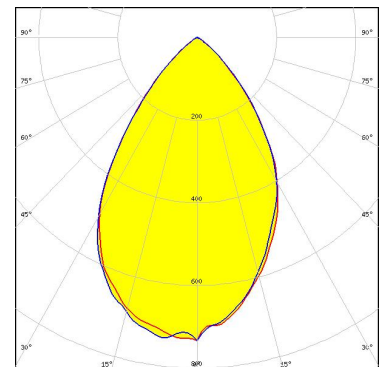
LED OSLON SSL 80  
FWHM / FWTM 67.0° / 98.0°  
Efficiency 84 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type Blue  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSLON SSL 80  
FWHM / FWTM 67.0° / 100.0°  
Efficiency 85 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type True Green  
Required components:



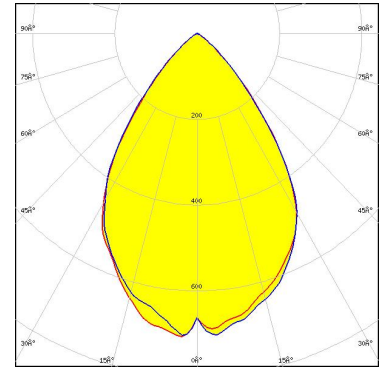
Light distribution files



### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

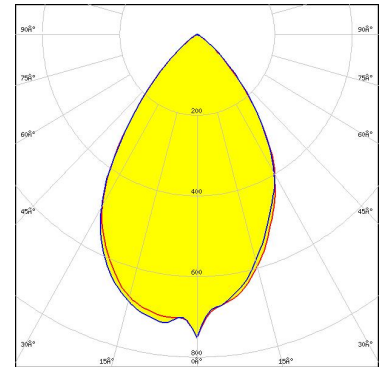
LED OSLON SSL 80  
FWHM / FWTM 71.0° / 100.0°  
Efficiency 85 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

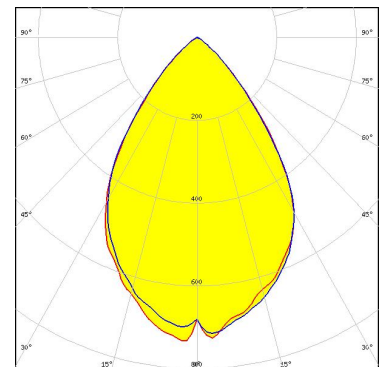
LED OSLON SSL 80  
FWHM / FWTM 67.0° / 100.0°  
Efficiency 84 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type True Green  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSLON SSL 80  
FWHM / FWTM 70.0° / 99.0°  
Efficiency 86 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

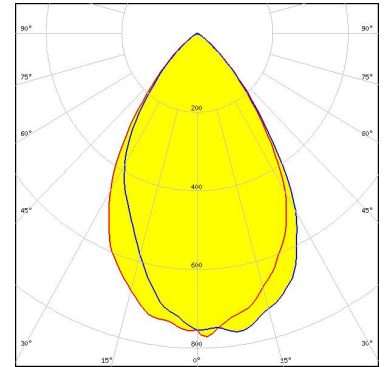


Light distribution files

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

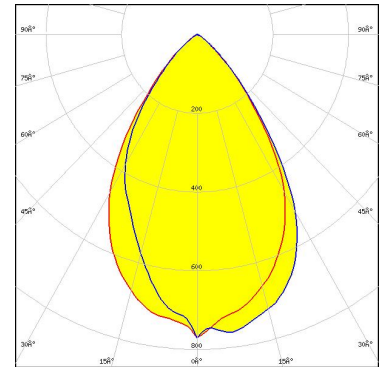
LED OSLON SSL 80  
FWHM / FWTM 66.0° / 98.0°  
Efficiency 85 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type Red  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

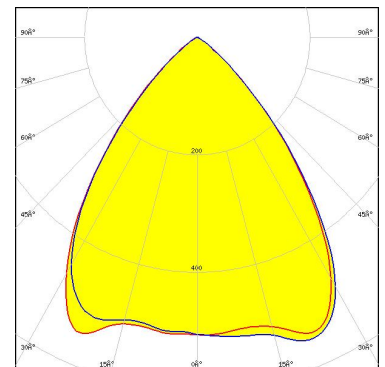
LED OSLON SSL 80  
FWHM / FWTM 65.0° / 98.0°  
Efficiency 84 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type Red  
Required components:



Light distribution files

**SAMSUNG**

LED LH351B  
FWHM / FWTM 77.0° / 104.0°  
Efficiency 83 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

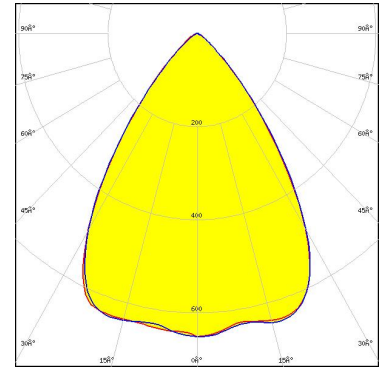


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

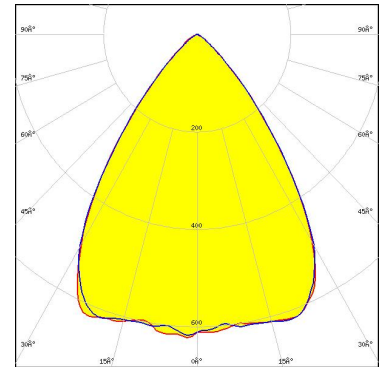
LED LM28xB Series  
FWHM / FWTM 71.0° / 98.0°  
Efficiency 85 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### SAMSUNG

LED LM301B  
FWHM / FWTM 73.0° / 99.0°  
Efficiency 86 %  
Peak intensity 0.6 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.

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#### LEDiL Oy

Joensuunkatu 7  
FI-24100 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

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