

## LINDA-O

~40° + 100° oval beam

## SPECIFICATION:

Dimensions	25.7 x 1140.0
Height	5 mm
ROHS compliant	yes ⓘ

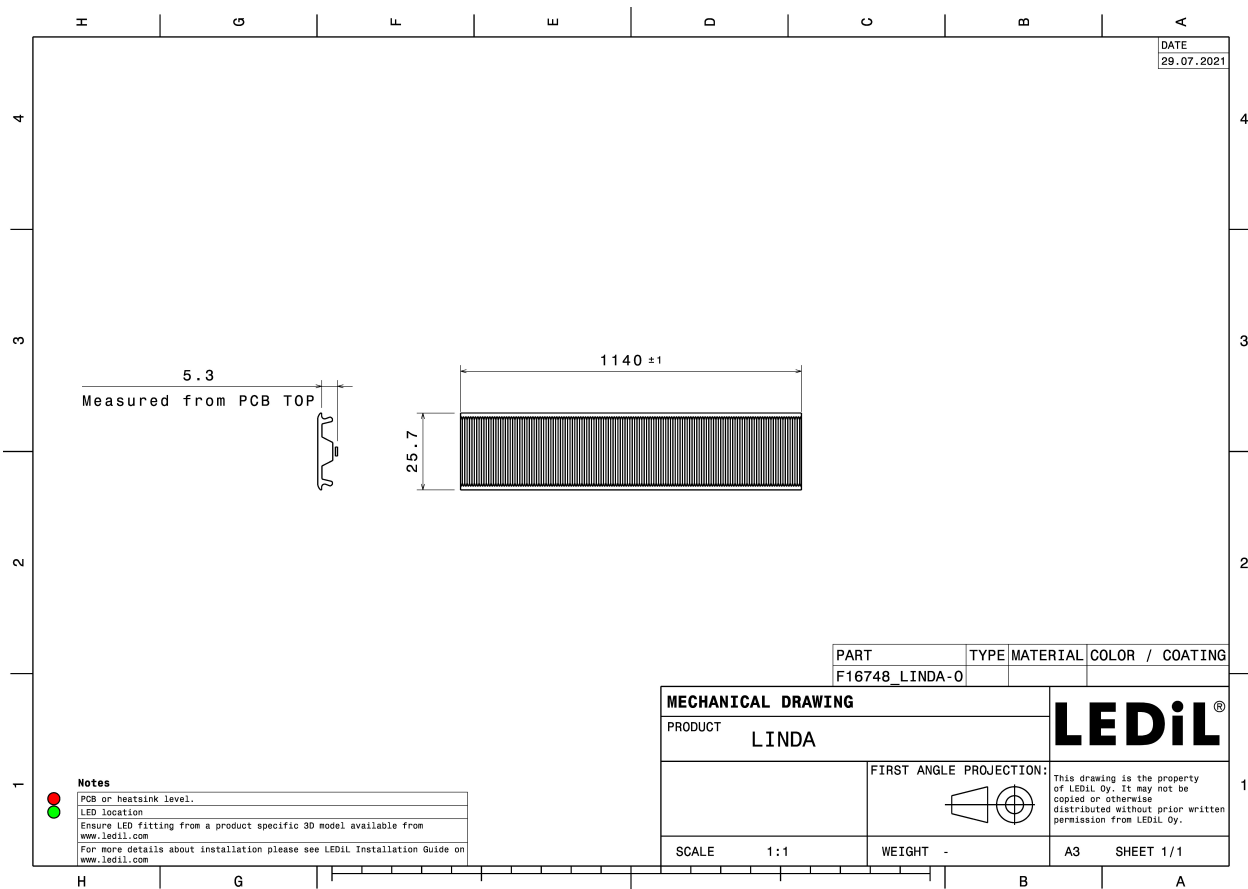
## MATERIALS:



Component	Type	Material	Colour	Finish	Length (mm)
LINDA-O	Linear lens	PMMA	milky		

## ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F16748_LINDA-O » Box size: 1200x160x120 mm	150	150	150	13.1

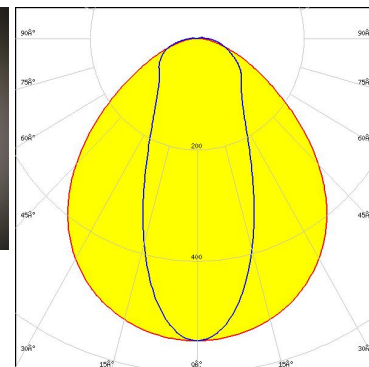
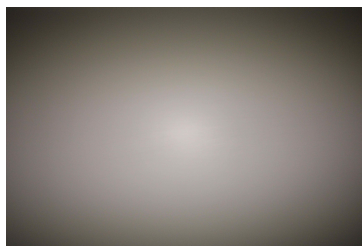


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

#### CITIZEN

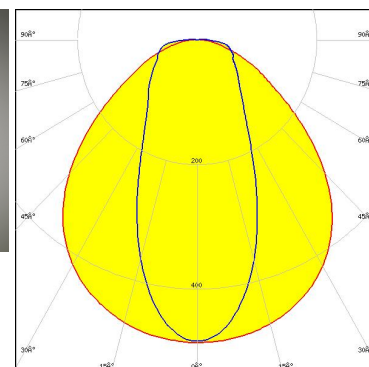
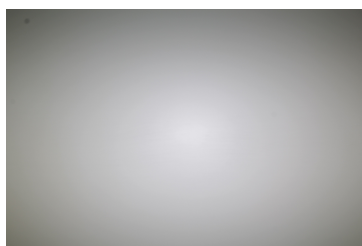
LED	CLUC11
FWHM / FWTM	99.0 + 44.0° / 147.0 + 148.0°
Efficiency	85 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



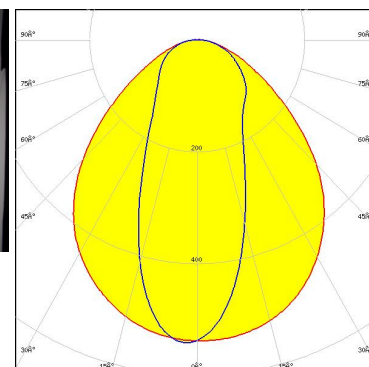
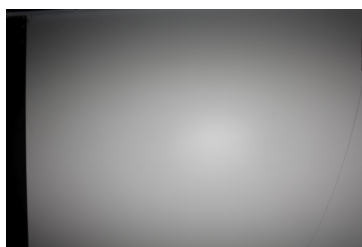
LED	XP-G3
FWHM / FWTM	101.0 + 48.0° / 152.0 + 165.0°
Efficiency	84 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	PL-LIN-Z5 1100 280x20
FWHM / FWTM	97.0 + 42.0° / 147.0 + 140.0°
Efficiency	82 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

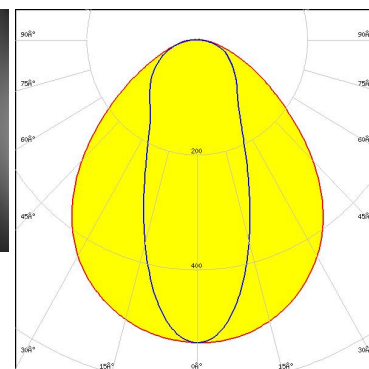


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### inventronics

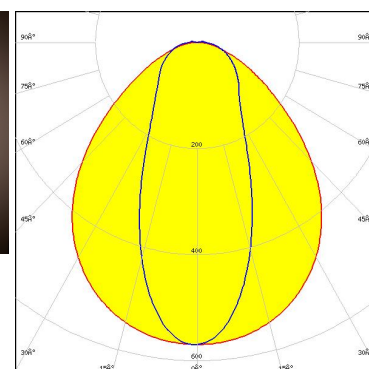
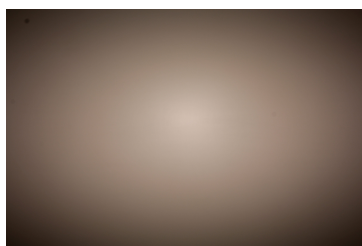
LED	PL-LIN-Z5 2000 280x20
FWHM / FWTM	96.0 + 42.0° / 147.0 + 141.0°
Efficiency	80 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

#### NICHIA

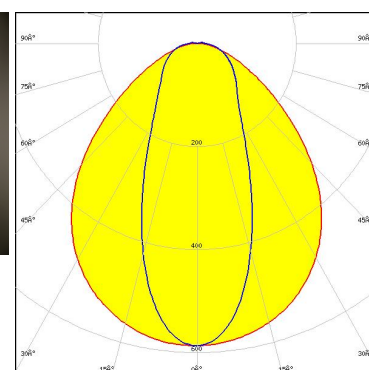
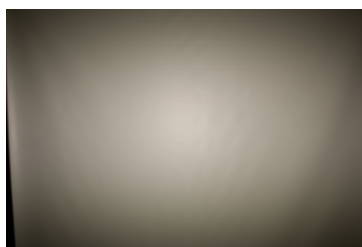
LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	96.0 + 45.0° / 146.0 + 142.0°
Efficiency	88 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	



Light distribution files

#### NICHIA

LED	NFSW757H
FWHM / FWTM	95.0 + 43.0° / 145.0 + 138.0°
Efficiency	88 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



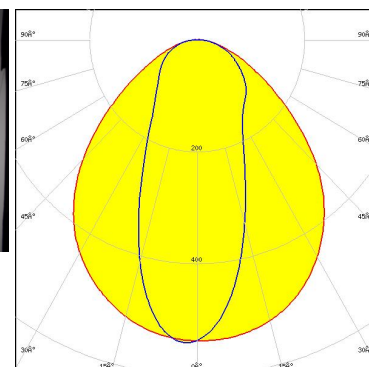
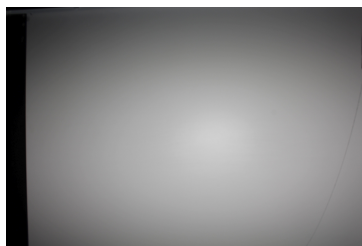
Light distribution files



### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

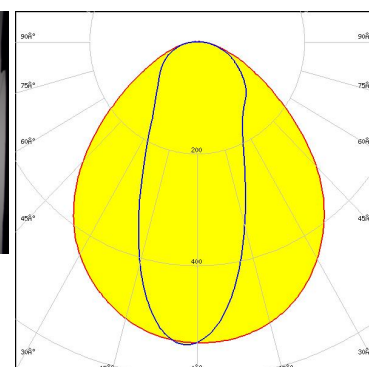
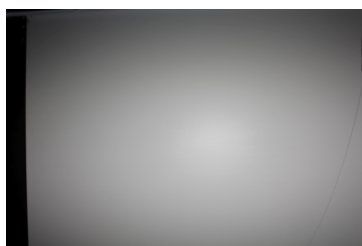
LED Duris E 2835  
FWHM / FWTM 96.0 + 42.0° / 147.0 + 141.0°  
Efficiency 80 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

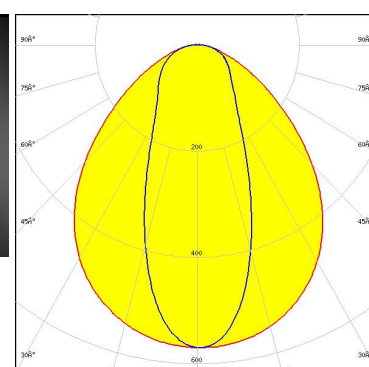
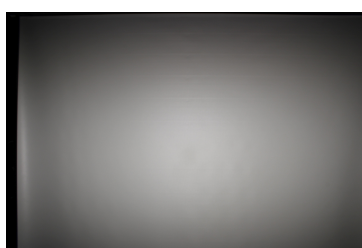
LED Duris E 2835  
FWHM / FWTM 97.0 + 42.0° / 147.0 + 140.0°  
Efficiency 82 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**PHILIPS**

LED Fortimo LED Strip 1ft 1100lm FC HV4 & LV4  
FWHM / FWTM 95.0 + 42.0° / 145.0 + 135.0°  
Efficiency 82 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

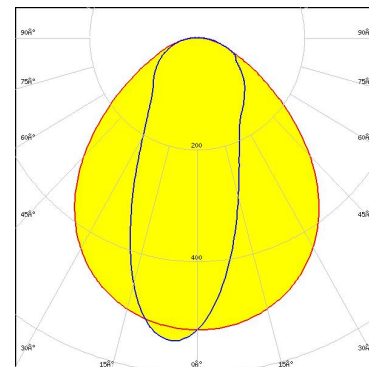


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### PHILIPS

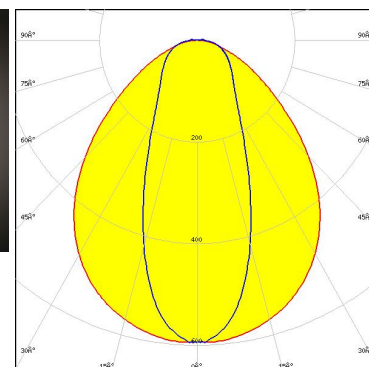
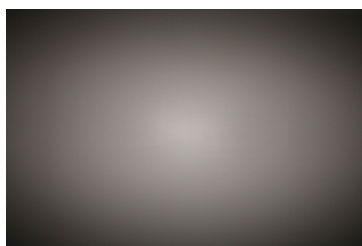
LED Fortimo LED Strip 1ft 650lm FC HV4 & LV4  
 FWHM / FWTM 94.0 + 42.0° / 147.0 + 144.0°  
 Efficiency 83 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

#### PHILIPS

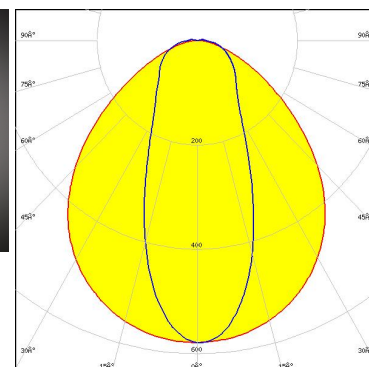
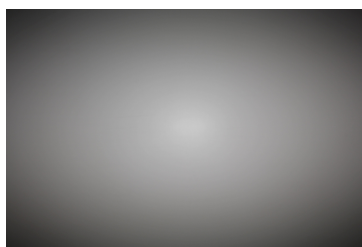
LED Fortimo LED Strip 1ft 650lm FC HV5 & LV5  
 FWHM / FWTM 94.0 + 42.0° / 145.0 + 134.0°  
 Efficiency 88 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

#### SAMSUNG

LED LM28xB Series  
 FWHM / FWTM 99.0 + 43.0° / 147.0 + 143.0°  
 Efficiency 89 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

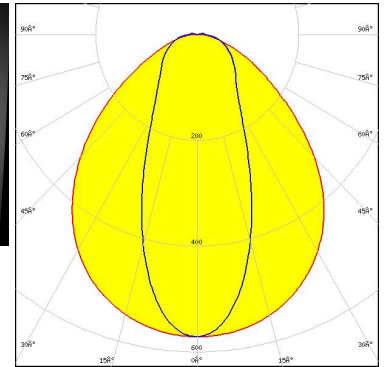
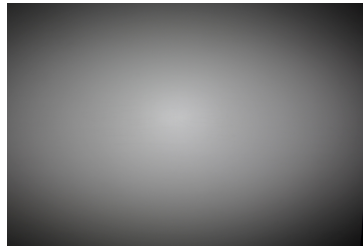


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

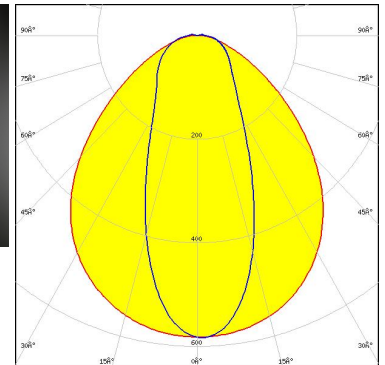
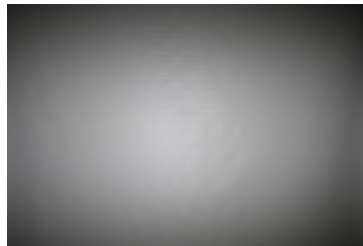
LED LM301B  
FWHM / FWTM 96.0 + 43.0° / 146.0 + 139.0°  
Efficiency 86 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### SAMSUNG

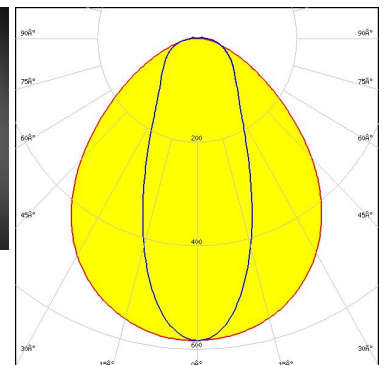
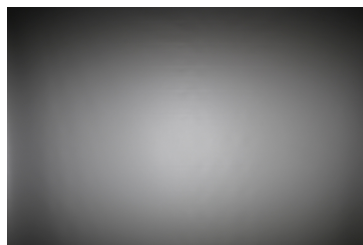
LED LM561C  
FWHM / FWTM 96.0 + 43.0° / 146.0 + 138.0°  
Efficiency 88 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### SAMSUNG

LED LT-H282C  
FWHM / FWTM 95.0 + 42.0° / 145.0 + 136.0°  
Efficiency 88 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

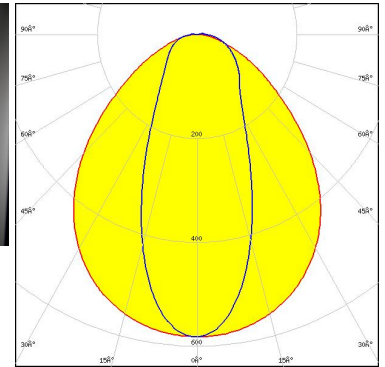


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

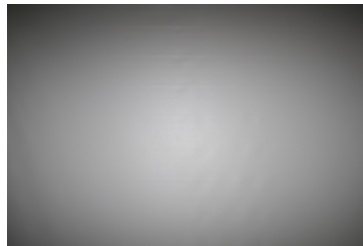
LED LT-Q282B  
FWHM / FWTM 95.0 + 43.0° / 146.0 + 136.0°  
Efficiency 88 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### SAMSUNG

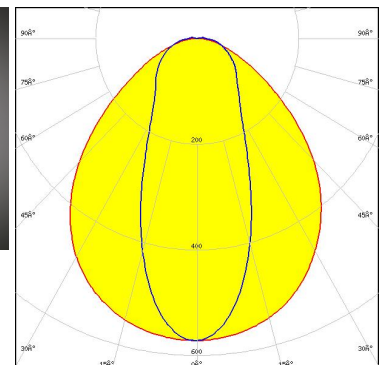
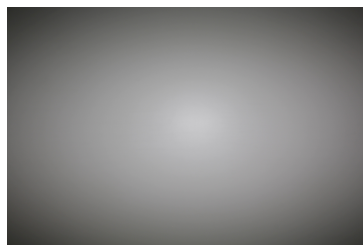
LED LT-S282H  
FWHM / FWTM 95.0 + 42.0° / 145.0 + 135.0°  
Efficiency 87 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED SEOUL DC 3528  
FWHM / FWTM 96.0 + 43.0° / 146.0 + 143.0°  
Efficiency 88 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

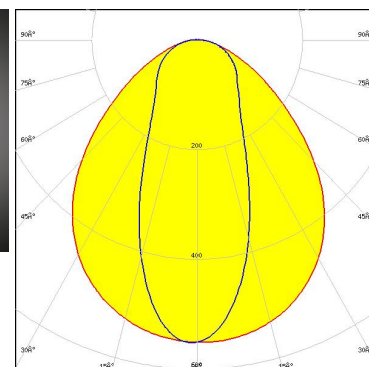
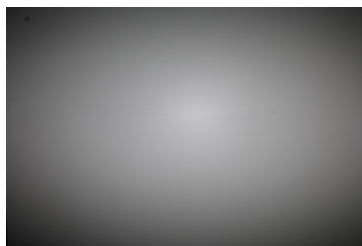


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### TRIDONIC

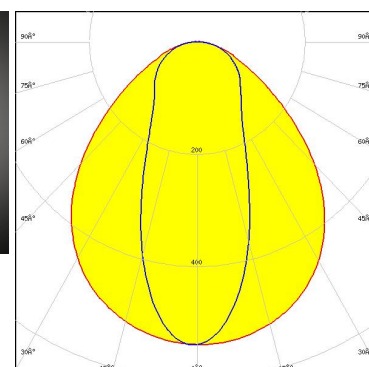
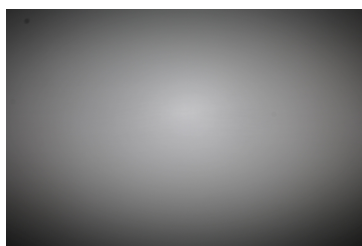
LED LLE 24x280mm 1250lm HV ADV5  
FWHM / FWTM 96.0 + 43.0° / 146.0 + 139.0°  
Efficiency 83 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### TRIDONIC

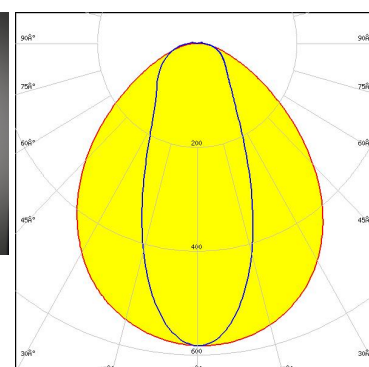
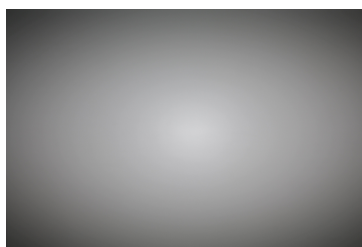
LED LLE 24x280mm 650lm HV ADV5  
FWHM / FWTM 96.0 + 43.0° / 148.0 + 141.0°  
Efficiency 83 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### TRIDONIC

LED LLE FLEX CC 14mm 1250lm ADV1  
FWHM / FWTM 95.0 + 43.0° / 145.0 + 133.0°  
Efficiency 86 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

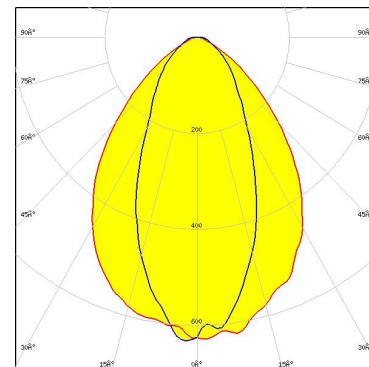


Light distribution files

### OPTICAL RESULTS (SIMULATED):



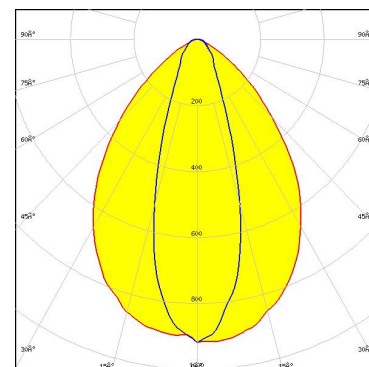
LED Bridgelux SMD 5050  
FWHM / FWTM 82.0 + 47.0° / 124.0 + 113.0°  
Efficiency 80 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



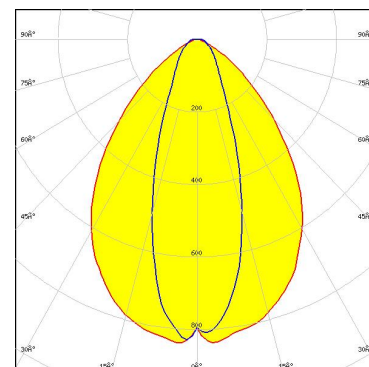
LED LUXEON 3014  
FWHM / FWTM 80.0 + 32.0° / 120.0 + 70.0°  
Efficiency 83 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON 3030 2D (Round LES)  
FWHM / FWTM 80.0 + 36.0° / 122.0 + 83.0°  
Efficiency 82 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



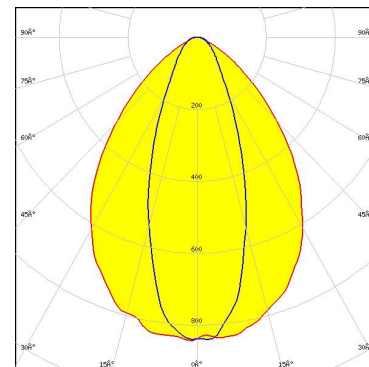
Light distribution files



### OPTICAL RESULTS (SIMULATED):



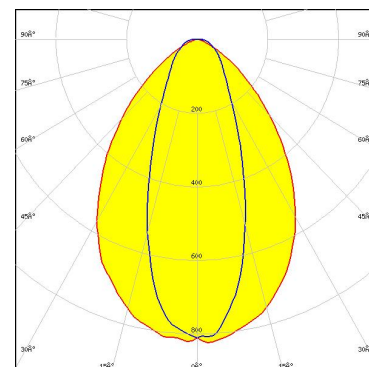
LED LUXEON 3535L HE PLUS  
FWHM / FWTM 80.0 + 38.0° / 122.0 + 86.0°  
Efficiency 88 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



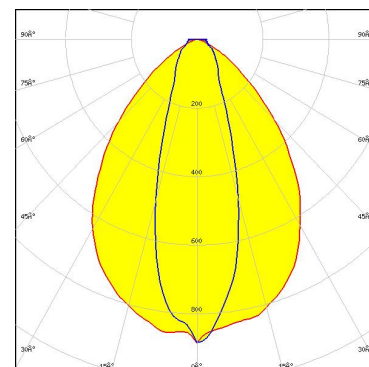
LED LUXEON CSP HL1  
FWHM / FWTM 77.0 + 39.0° / 122.0 + 104.0°  
Efficiency 89 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 5  
Light colour/type White  
Required components:



Light distribution files



LED NCSxE17A  
FWHM / FWTM 80.0 + 32.0° / 122.0 + 85.0°  
Efficiency 84 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

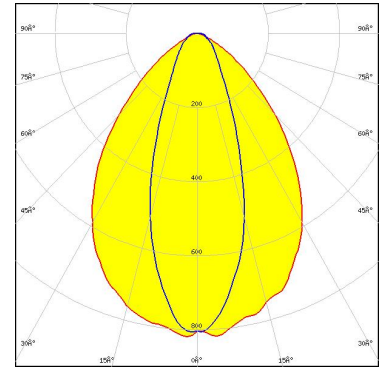


Light distribution files

### OPTICAL RESULTS (SIMULATED):



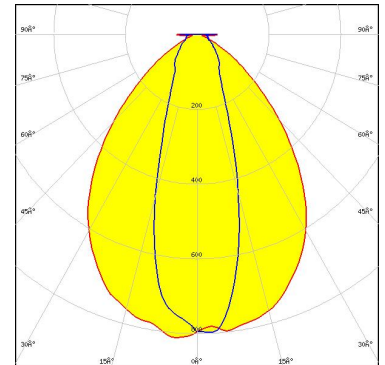
LED NF2x757G  
FWHM / FWTM 80.0 + 36.0° / 122.0 + 84.0°  
Efficiency 82 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



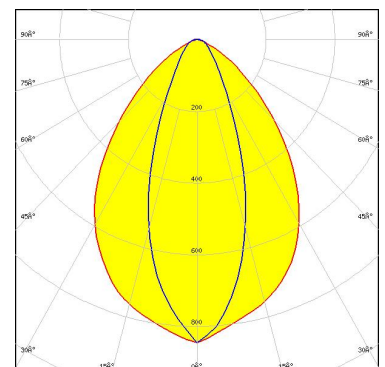
LED NFSWE11A  
FWHM / FWTM 82.0 + 32.0° / 124.0 + 90.0°  
Efficiency 82 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED OSOLON Square CSSRM2/CSSRM3  
FWHM / FWTM 80.0 + 40.0° / 124.0 + 80.0°  
Efficiency 86 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



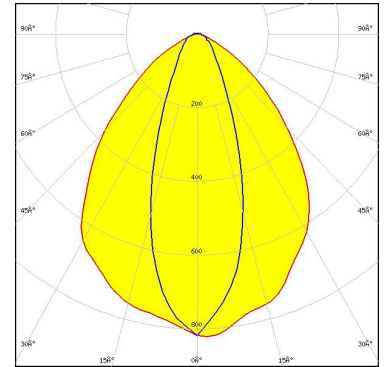
Light distribution files



### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

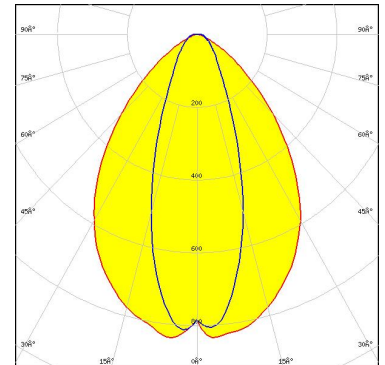
LED OSLON SSL 150  
FWHM / FWTM  $84.0 + 36.0^\circ / 128.0 + 80.0^\circ$   
Efficiency 86 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type Far Red  
Required components:



Light distribution files

**SAMSUNG**

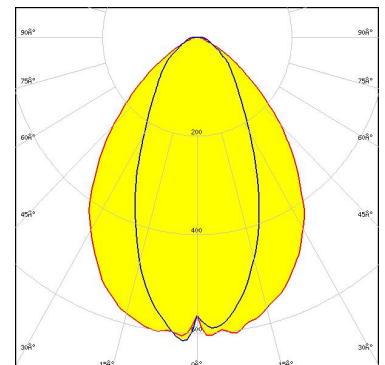
LED LM301B  
FWHM / FWTM  $78.0 + 36.0^\circ / 120.0 + 83.0^\circ$   
Efficiency 82 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**SEOUL**  
SEOUL SEMICONDUCTOR

LED SEOUL DC 5050 6V  
FWHM / FWTM  $82.0 + 48.0^\circ / 124.0 + 114.0^\circ$   
Efficiency 80 %  
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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

### 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.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

#### LEDiL Oy

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Finland

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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/  
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)