

## LINDA-W60

~60° + 90° beam

## SPECIFICATION:

Dimensions	23.8 x 1140.0
Height	6.3 mm
ROHS compliant	yes ⓘ

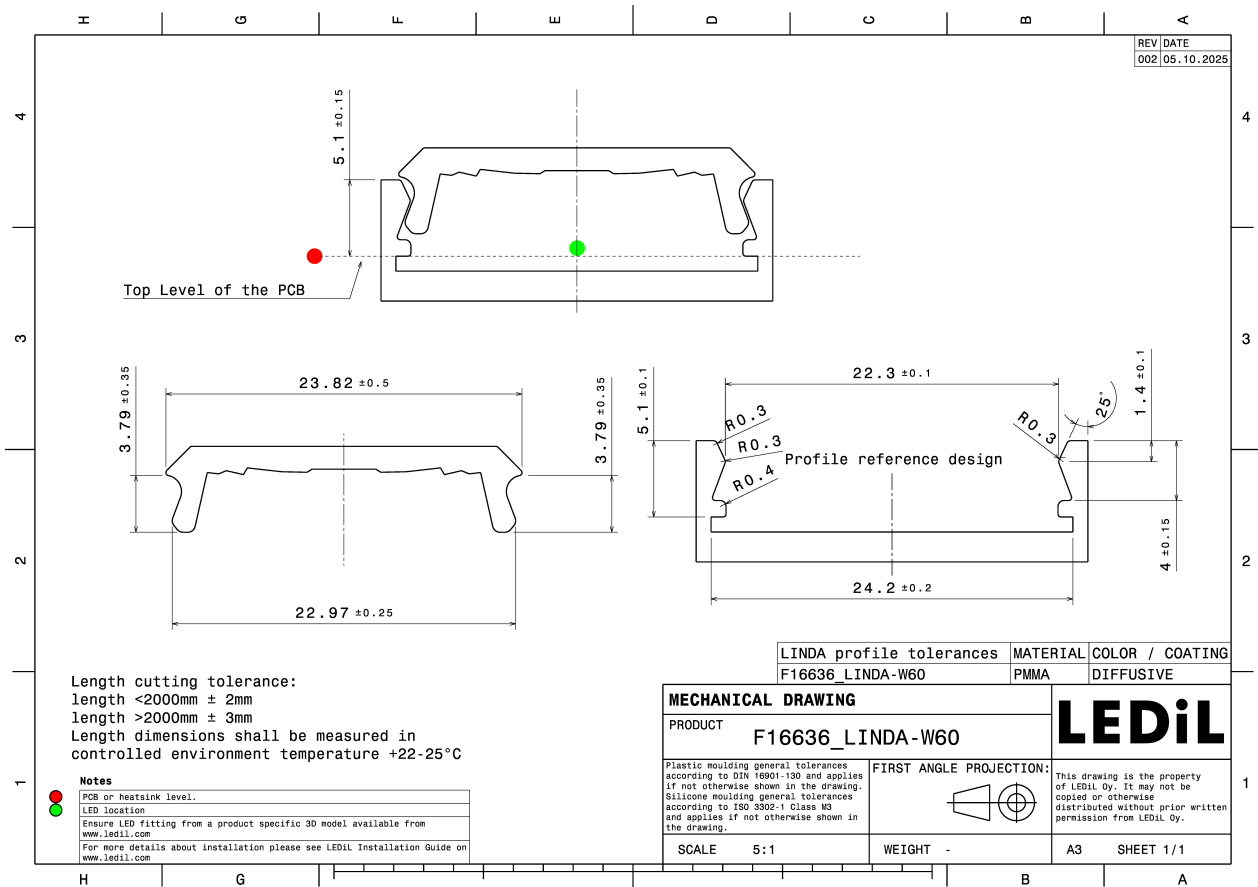
## MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LINDA-W60	Linear lens	PMMA	milky		



## ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F16636_LINDA-W60 » Box size: 1200x160x120 mm	120	120	120	9.0

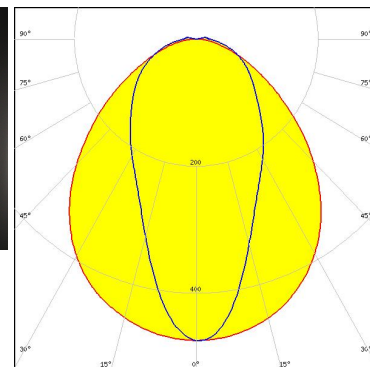
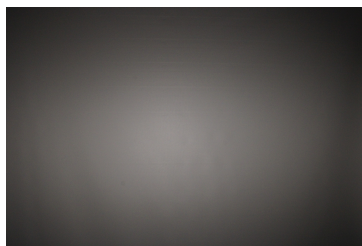


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



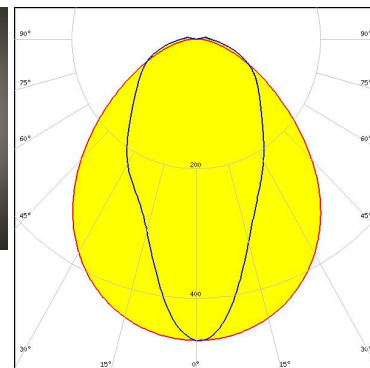
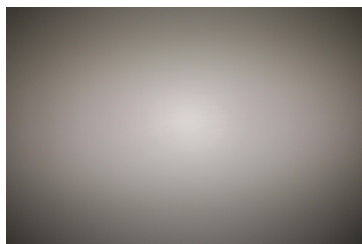
LED Bridgelux SMD 3030  
 FWHM / FWTM 98.0 + 51.0° / 150.5 + 157.5°  
 Efficiency 85 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type Tunable White  
 Required components:



Light distribution files

#### CITIZEN

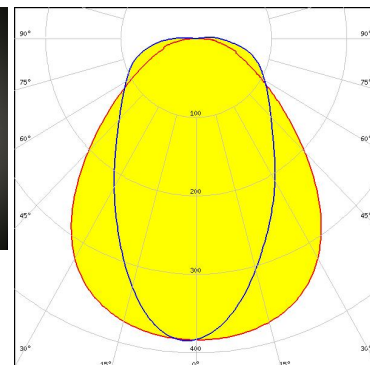
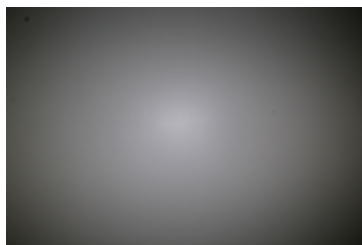
LED CLUC11  
 FWHM / FWTM 97.0 + 55.0° / 149.0 + 159.0°  
 Efficiency 84 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XP-G3  
 FWHM / FWTM Asymmetric  
 Efficiency 81 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

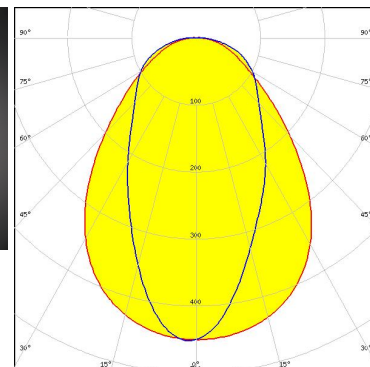
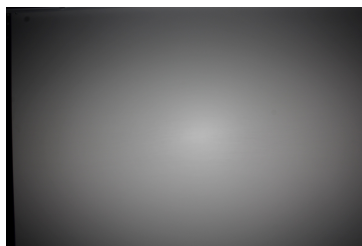


Light distribution files

#### OPTICAL RESULTS (MEASURED):

##### inventronics

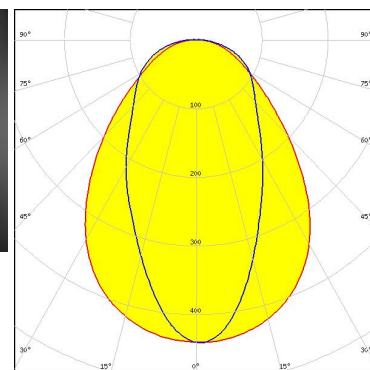
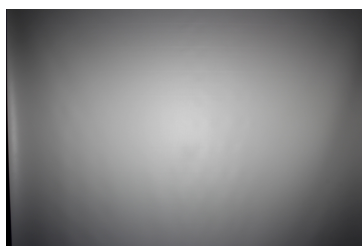
LED PL-LIN-Z5 1100 280x20  
 FWHM / FWTM 86.0 + 57.0° / 148.0 + 157.0°  
 Efficiency 78 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

##### inventronics

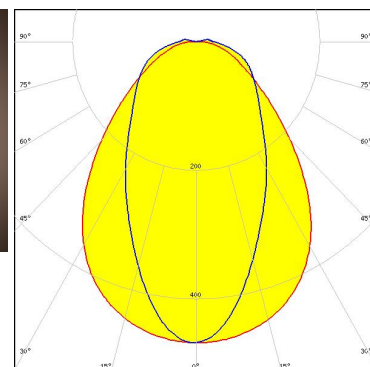
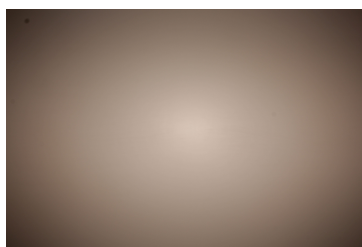
LED PL-LIN-Z5 2000 280x20  
 FWHM / FWTM 85.0 + 56.0° / 149.0 + 157.0°  
 Efficiency 76 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

##### NICHIA

LED NF2W757G-MT (Tunable White)  
 FWHM / FWTM 87.0 + 58.0° / 147.0 + 164.0°  
 Efficiency 85 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type Tunable White  
 Required components:



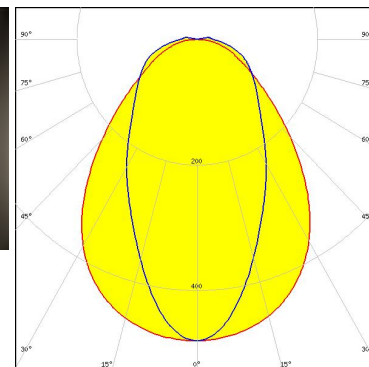
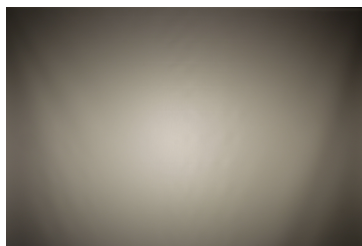
Light distribution files



#### OPTICAL RESULTS (MEASURED):



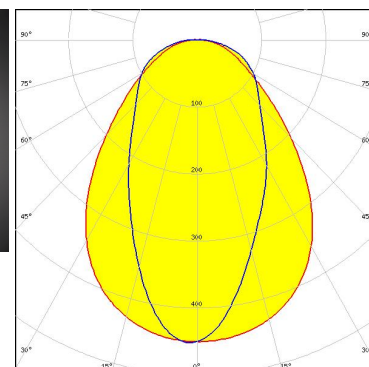
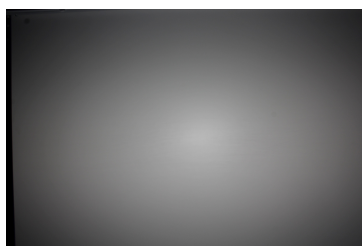
LED NFSW757H  
 FWHM / FWTM 86.0 + 57.0° / 148.0 + 164.0°  
 Efficiency 86 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



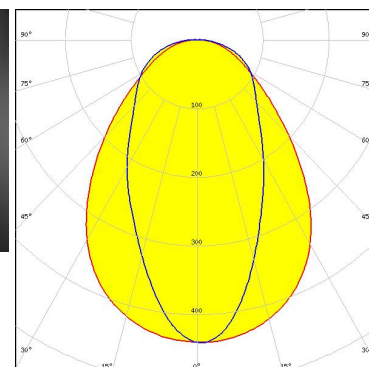
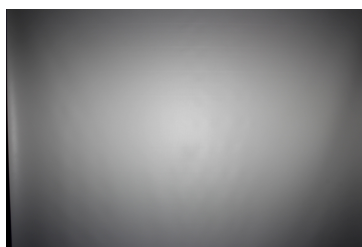
LED Duris E 2835  
 FWHM / FWTM 86.0 + 57.0° / 148.0 + 157.0°  
 Efficiency 78 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED Duris E 2835  
 FWHM / FWTM 85.0 + 56.0° / 149.0 + 157.0°  
 Efficiency 76 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

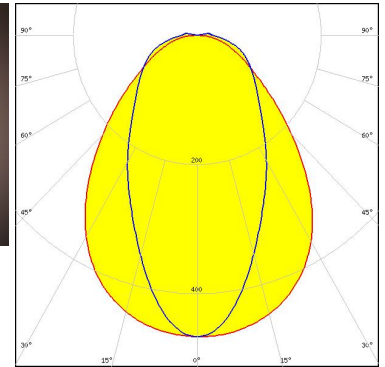
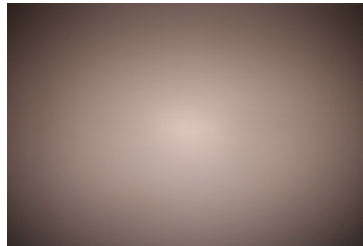


Light distribution files

#### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

LED OSCONIQ E 2835  
FWHM / FWTM 87.0 + 58.0° / 149.0 + 163.0°  
Efficiency 83 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type Tunable White  
Required components:



Light distribution files

**PHILIPS**

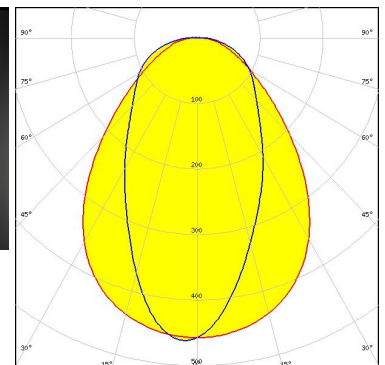
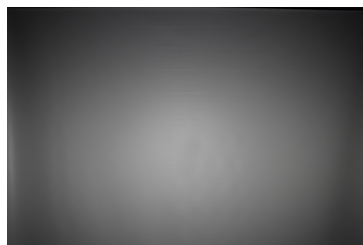
LED Fortimo LED Strip 1ft 1100lm FC HV4 & LV4  
FWHM / FWTM 85.0 + 56.0° / 148.0 + 157.0°  
Efficiency 79 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**PHILIPS**

LED Fortimo LED Strip 1ft 650lm FC HV4 & LV4  
FWHM / FWTM 86.0 + 57.0° / 146.0 + 157.0°  
Efficiency 80 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

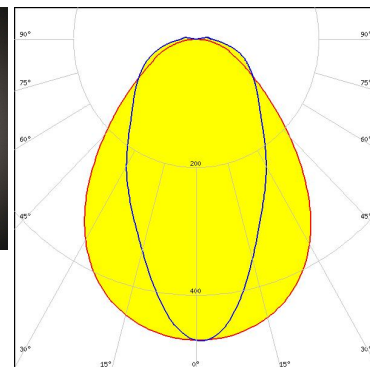
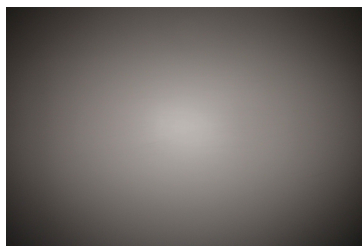


Light distribution files

#### OPTICAL RESULTS (MEASURED):

### PHILIPS

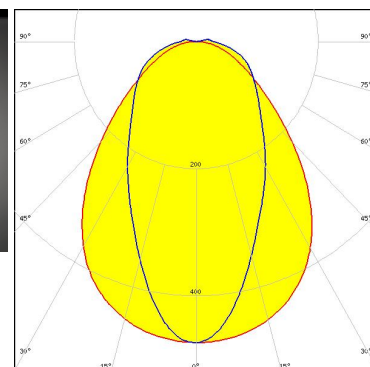
LED	Fortimo LED Strip 1ft 650lm FC HV5 & LV5
FWHM / FWTM	86.0 + 58.0° / 149.0 + 164.0°
Efficiency	84 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

### SAMSUNG

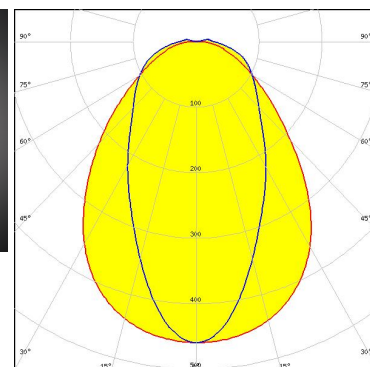
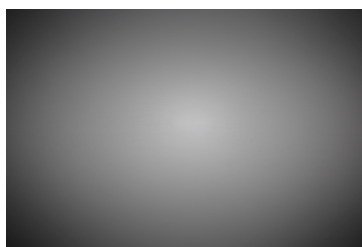
LED	LM28xB Series
FWHM / FWTM	87.0 + 57.0° / 146.0 + 163.0°
Efficiency	85 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

### SAMSUNG

LED	LM301B
FWHM / FWTM	87.0 + 57.0° / 151.0 + 164.0°
Efficiency	83 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

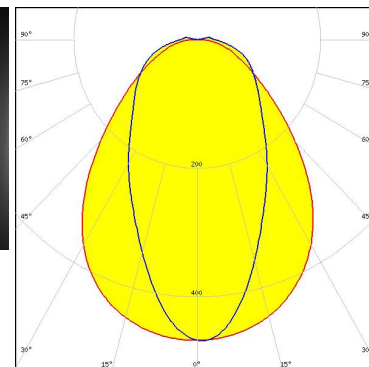
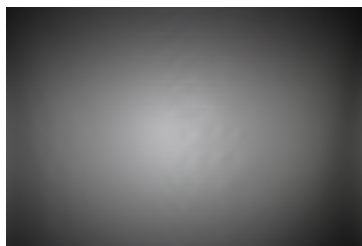


Light distribution files

#### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

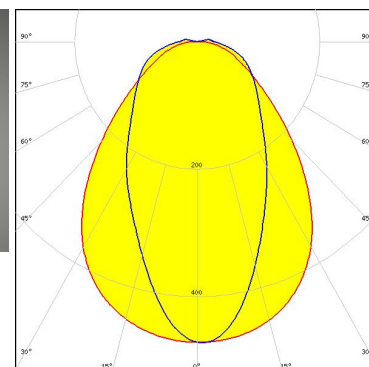
LED LM561C  
 FWHM / FWTM 96.0 + 43.0° / 146.0 + 138.0°  
 Efficiency 88 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

#### SAMSUNG

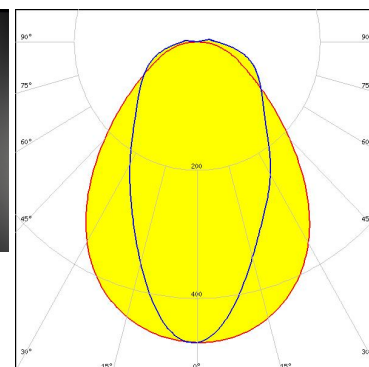
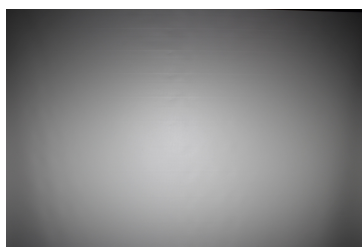
LED LT-H282C  
 FWHM / FWTM 87.0 + 58.0° / 149.0 + 164.0°  
 Efficiency 85 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

#### SAMSUNG

LED LT-Q282B  
 FWHM / FWTM 85.0 + 58.0° / 149.0 + 165.0°  
 Efficiency 85 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

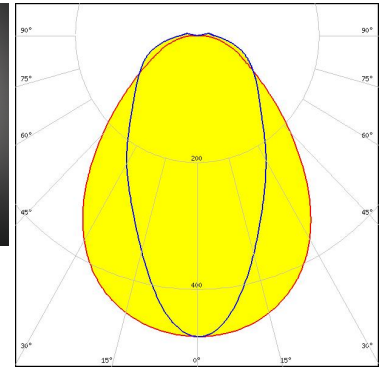
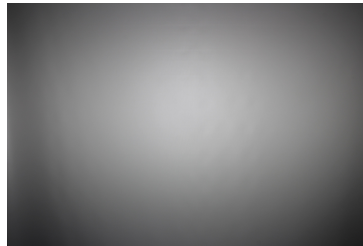


Light distribution files

#### OPTICAL RESULTS (MEASURED):

### SAMSUNG

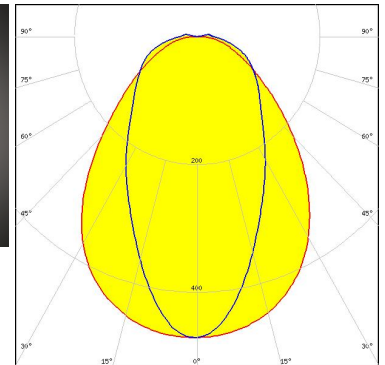
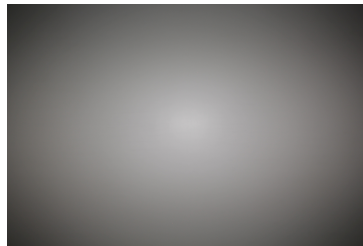
LED LT-S282H  
 FWHM / FWTM 86.0 + 57.0° / 148.0 + 163.0°  
 Efficiency 85 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



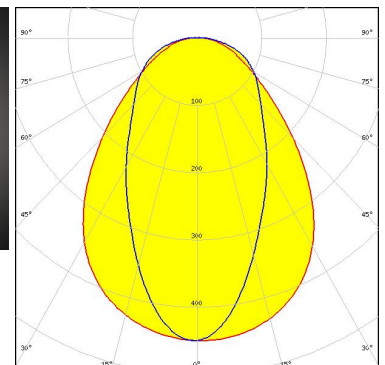
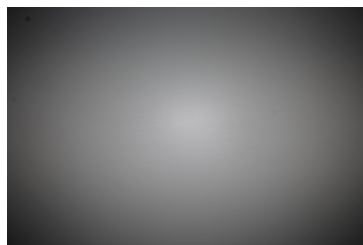
LED SEOUL DC 3528  
 FWHM / FWTM 87.0 + 58.0° / 150.0 + 164.0°  
 Efficiency 86 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

### TRIDONIC

LED LLE 24x280mm 1250lm HV ADV5  
 FWHM / FWTM 87.0 + 58.0° / 148.0 + 156.0°  
 Efficiency 79 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



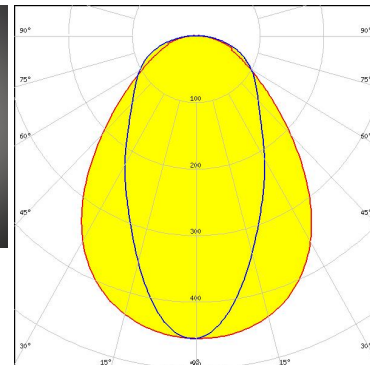
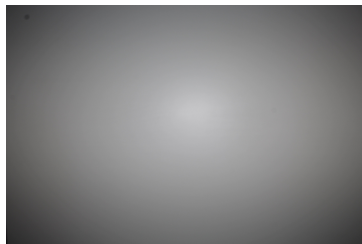
Light distribution files



## OPTICAL RESULTS (MEASURED):

### TRIDONIC

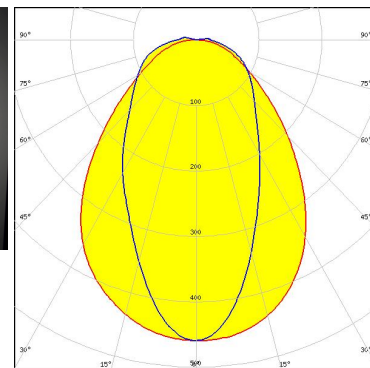
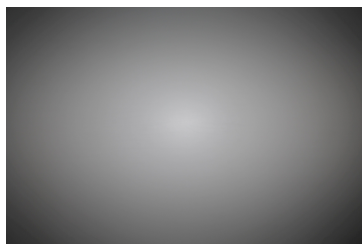
LED LLE 24x280mm 650lm HV ADV5  
FWHM / FWTM 87.0 + 58.0° / 151.0 + 156.0°  
Efficiency 80 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### TRIDONIC

LED LLE FLEX CC 14mm 1250lm ADV1  
FWHM / FWTM 87.0 + 57.0° / 150.0 + 164.0°  
Efficiency 83 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

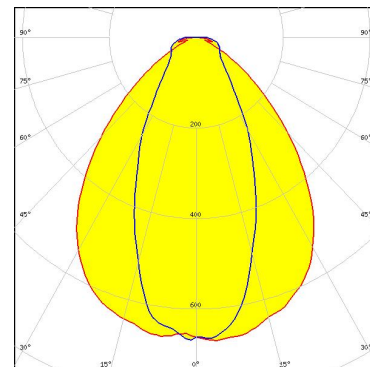


Light distribution files

### OPTICAL RESULTS (SIMULATED):



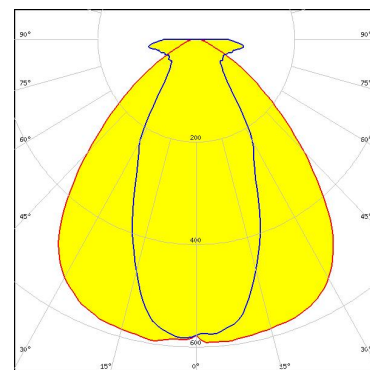
LED LUXEON CSP HL1  
FWHM / FWTM 86.0 + 48.0° / 126.0 + 114.0°  
Efficiency 88 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 5  
Light colour/type White  
Required components:



Light distribution files



LED Duris E 2835  
FWHM / FWTM 92.0 + 48.0° / 128.0 + 180.0°  
Efficiency 85 %  
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.

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#### LEDiL Oy

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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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