

## LINDA-W60

~60° + 90° beam

### TECHNICAL SPECIFICATIONS:

Dimensions	23.8 x 1140.0 mm
Height	6.3 mm
ROHS compliant	yes ⓘ

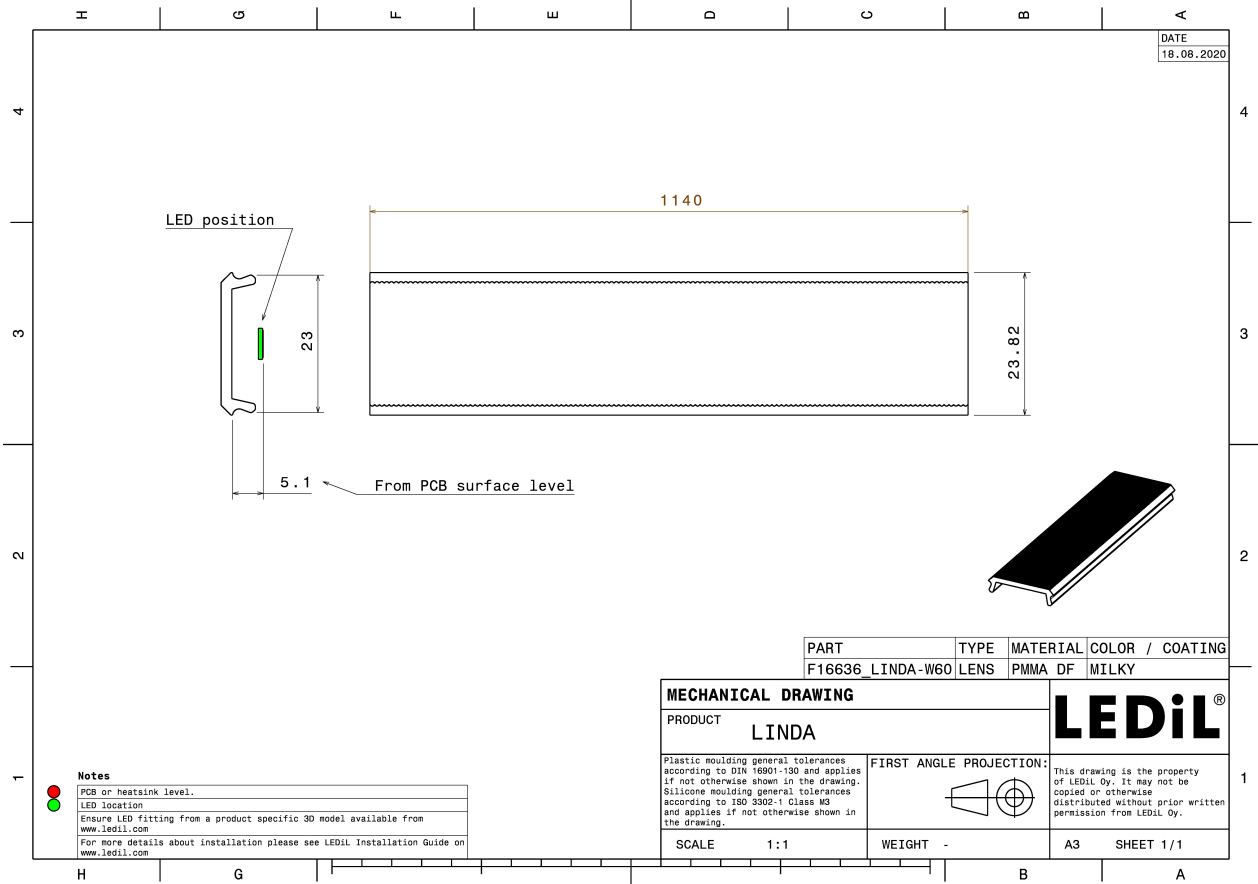
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LINDA-W60	Linear lens	PMMA	milky	



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F16636_LINDA-W60 » Box size: 1185 x 150 x 115 mm	120	120	120	9.0

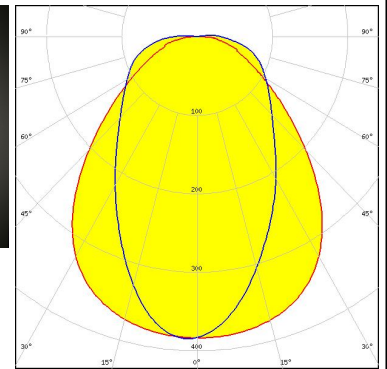


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### PHOTOMETRIC DATA (MEASURED):

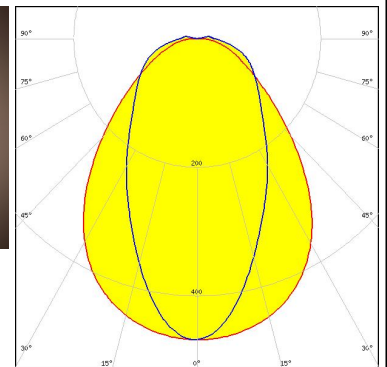
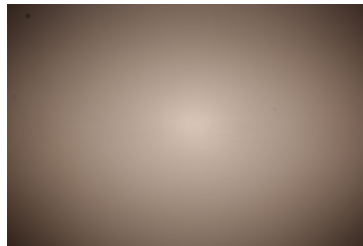
#### CREE

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



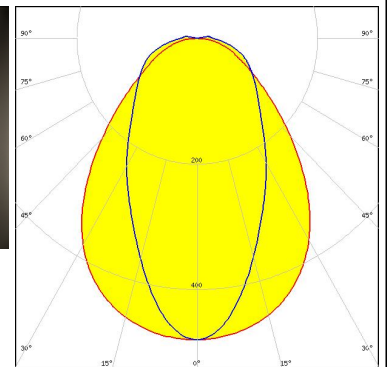
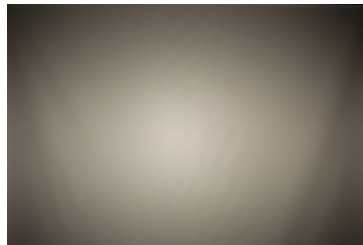
#### NICHIA

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 Tunable White  
 Required components:



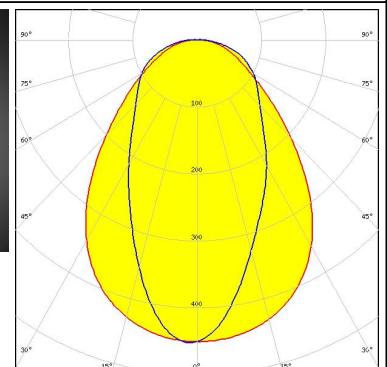
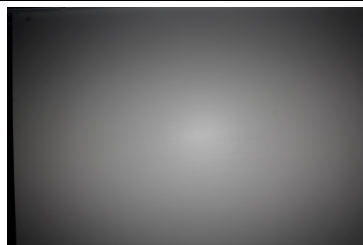
#### NICHIA

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 White  
 Required components:



#### OSRAM

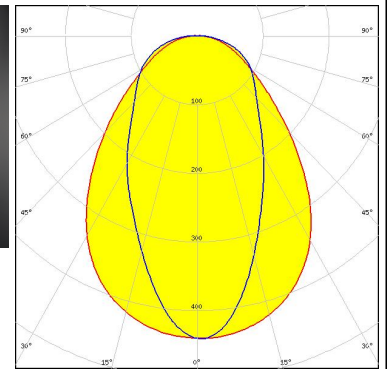
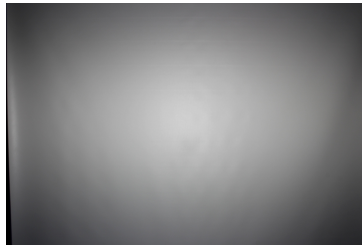
LED PL-LIN-Z5 1100 280x20  
 FWHM / FWTM 86.0 + 57.0° / 148.0 + 157.0°  
 Efficiency 78 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

#### OSRAM

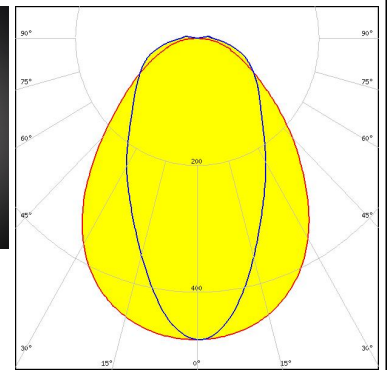
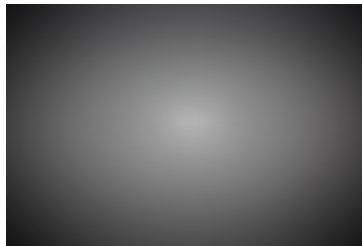
LED PL-LIN-Z5 2000 280x20  
 FWHM / FWTM 85.0 + 56.0° / 149.0 + 157.0°  
 Efficiency 76 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

Opto Semiconductors

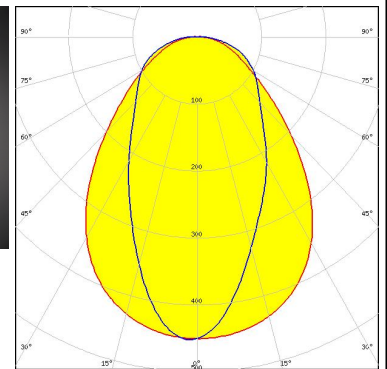
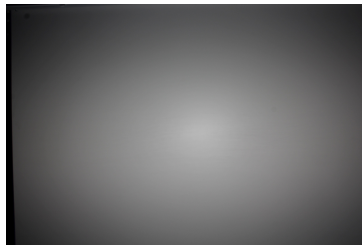
LED Duris E 2835  
 FWHM / FWTM 87.0 + 58.0° / 151.0 + 164.0°  
 Efficiency 86 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

Opto Semiconductors

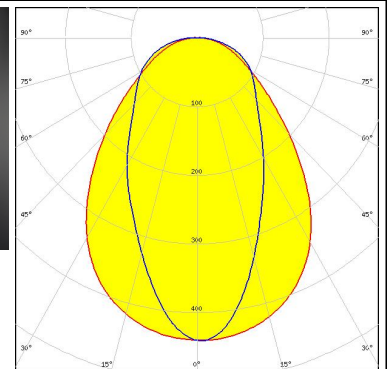
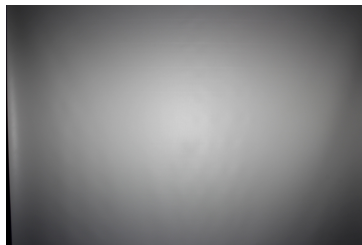
LED Duris E 2835  
 FWHM / FWTM 86.0 + 57.0° / 148.0 + 157.0°  
 Efficiency 78 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

Opto Semiconductors

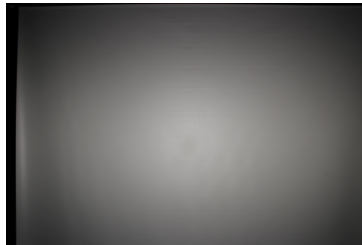
LED Duris E 2835  
 FWHM / FWTM 85.0 + 56.0° / 149.0 + 157.0°  
 Efficiency 76 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

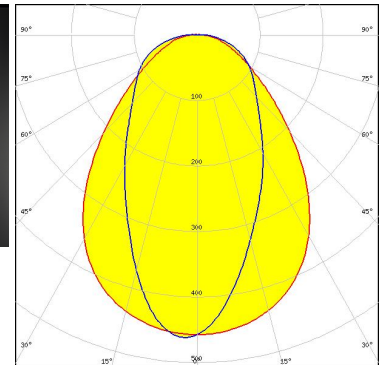
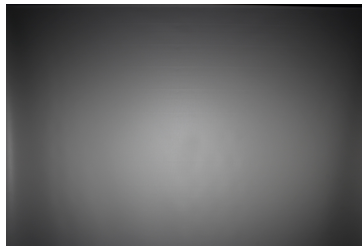
### PHILIPS

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 White  
Required components:



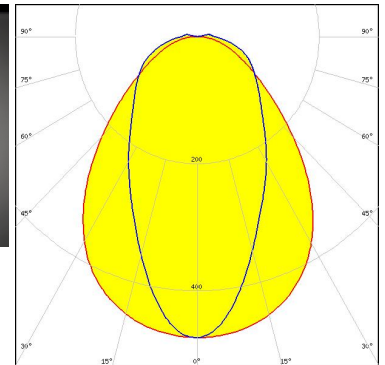
### PHILIPS

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 White  
Required components:



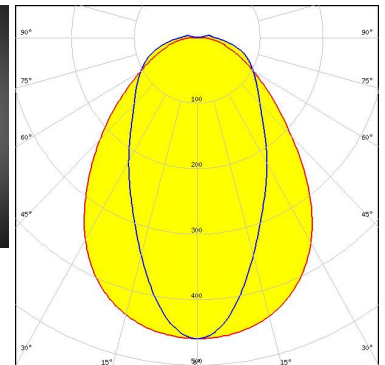
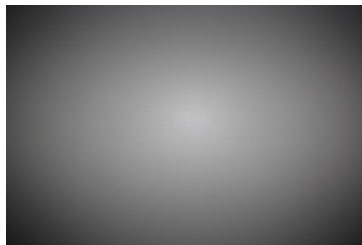
### SAMSUNG

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 White  
Required components:



### SAMSUNG

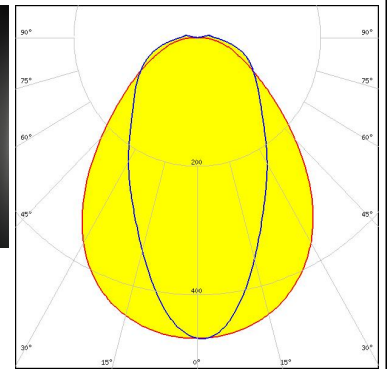
LED LM301B  
FWHM / FWTM 87.0 + 57.0° / 151.0 + 164.0°  
Efficiency 83 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

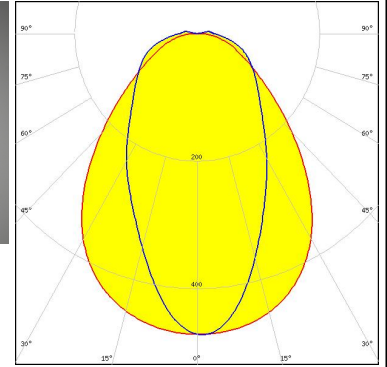
### SAMSUNG

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 White  
 Required components:



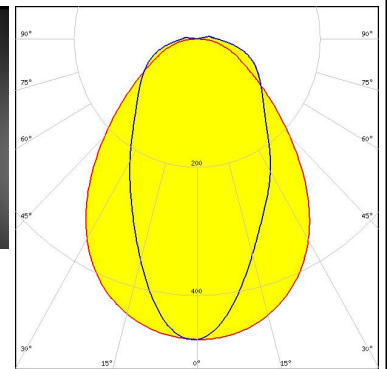
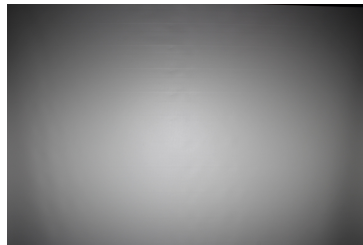
### SAMSUNG

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 White  
 Required components:



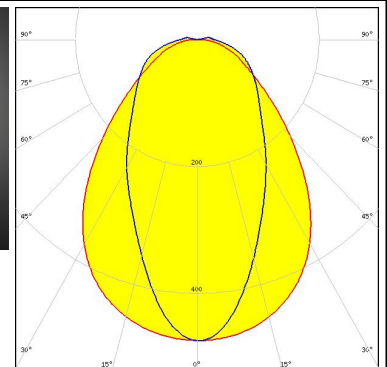
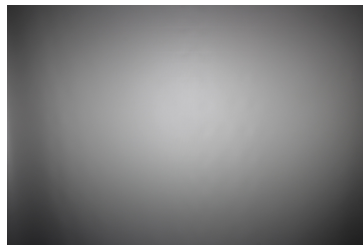
### SAMSUNG

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 White  
 Required components:



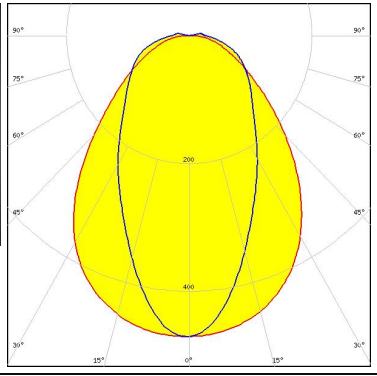

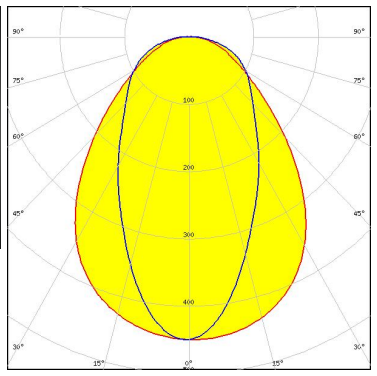

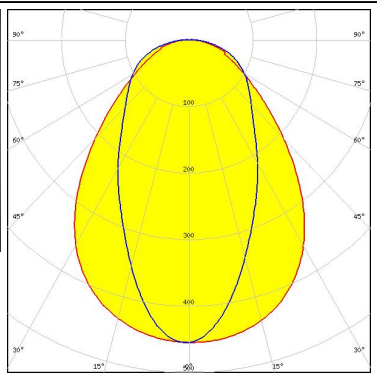

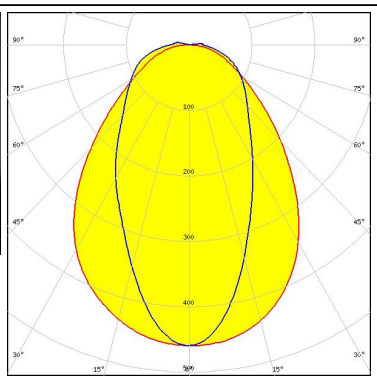


### SAMSUNG

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 White  
 Required components:



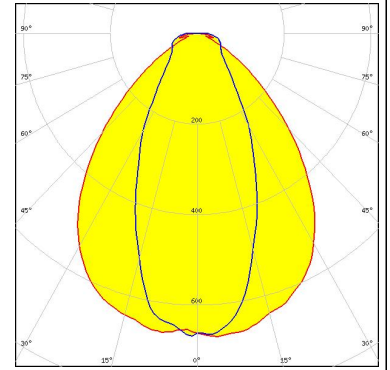
#### PHOTOMETRIC DATA (MEASURED):

<p> <b>SEOUL SEMICONDUCTOR</b></p> <p>LED: SEOUL DC 3528</p> <p>FWHM / FWTM: 87.0 + 58.0° / 150.0 + 164.0°</p> <p>Efficiency: 86 %</p> <p>Peak intensity: 0.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>		
<p><b>TRIDONIC</b></p> <p>LED: LLE 24x280mm 1250lm HV ADV5</p> <p>FWHM / FWTM: 87.0 + 58.0° / 148.0 + 156.0°</p> <p>Efficiency: 79 %</p> <p>Peak intensity: 0.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>		
<p><b>TRIDONIC</b></p> <p>LED: LLE 24x280mm 650lm HV ADV5</p> <p>FWHM / FWTM: 87.0 + 58.0° / 151.0 + 156.0°</p> <p>Efficiency: 80 %</p> <p>Peak intensity: 0.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>		
<p><b>TRIDONIC</b></p> <p>LED: LLE FLEX CC 14mm 1250lm ADV1</p> <p>FWHM / FWTM: 87.0 + 57.0° / 150.0 + 164.0°</p> <p>Efficiency: 83 %</p> <p>Peak intensity: 0.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>		

### PHOTOMETRIC DATA (SIMULATED):

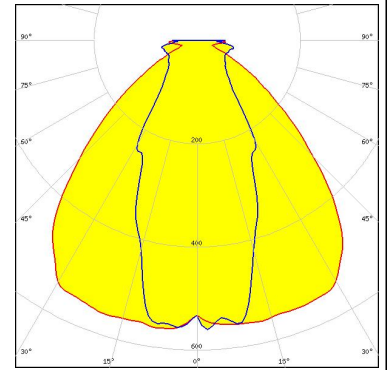
#### LUMILEDS

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 White  
Required components:



#### NICHIA

LED NFSWE11A  
FWHM / FWTM 94.0 + 46.0° / 172.0 + 173.0°  
Efficiency 82 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:





### 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.

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

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/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)