

## LINDA-W60

~60° + 90° beam

### SPECIFICATION:

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

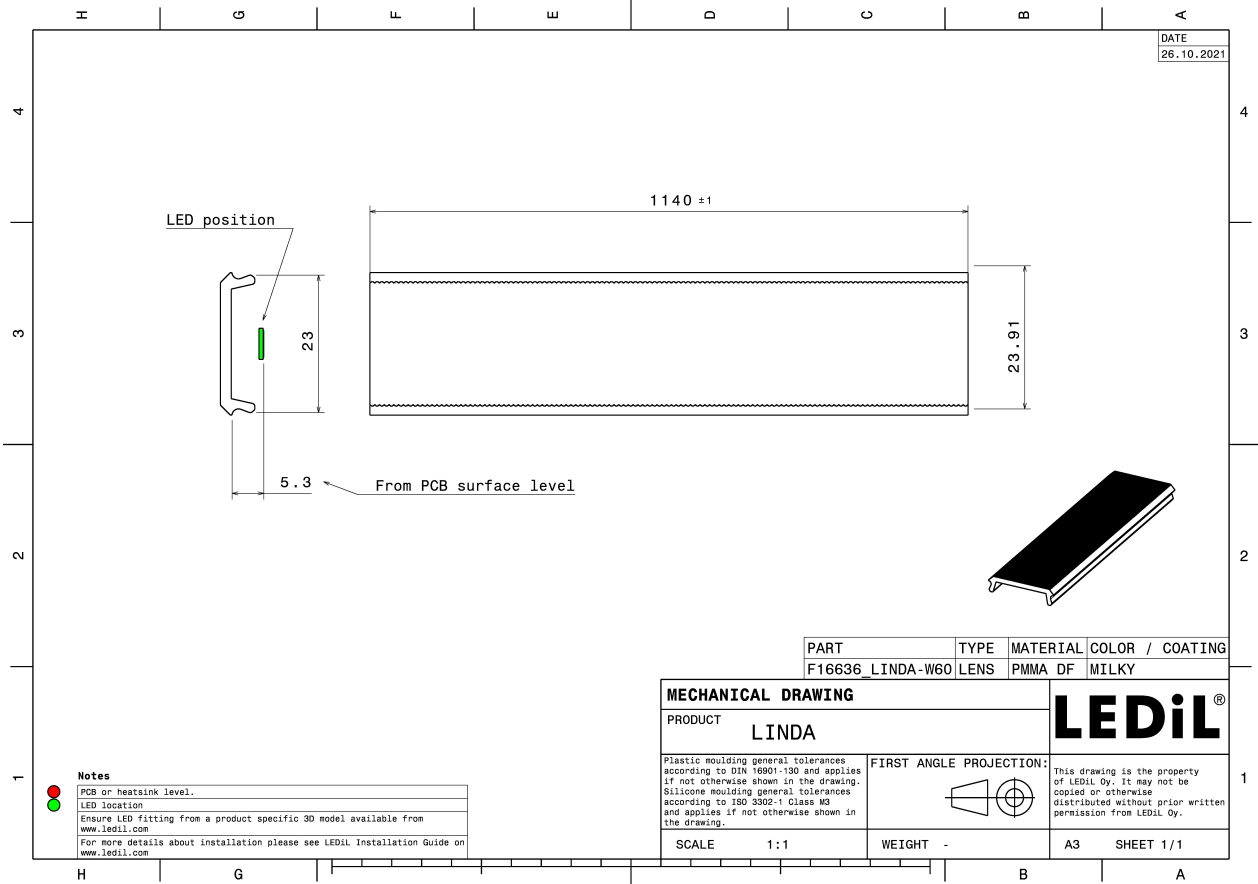
### MATERIALS:

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




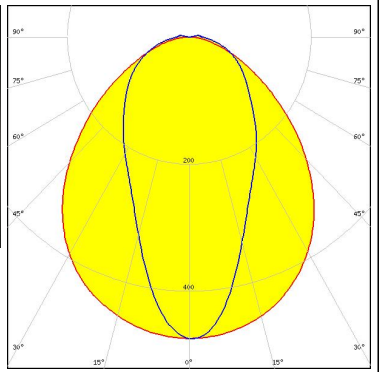
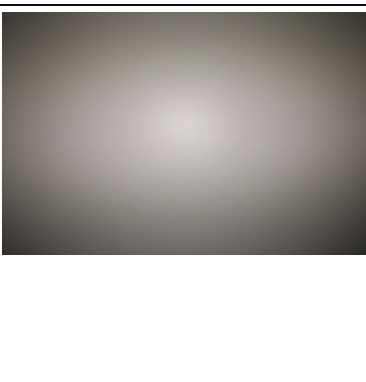
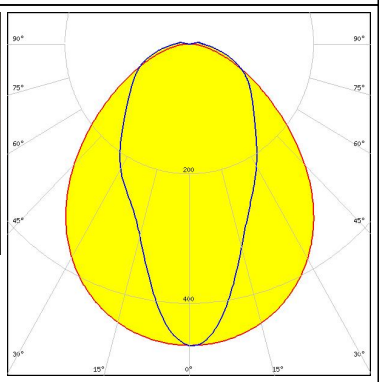

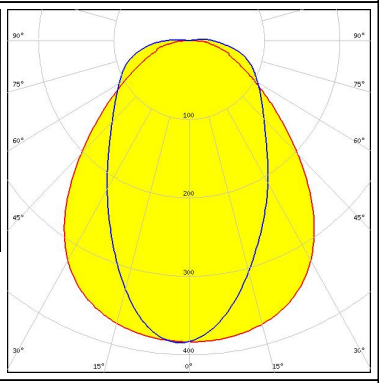

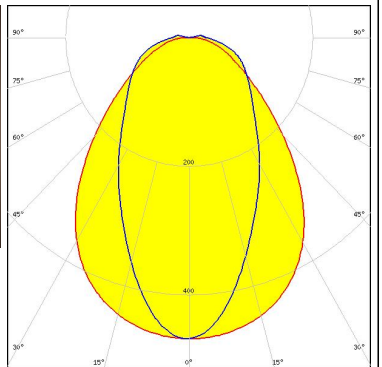
### ORDERING INFORMATION:

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

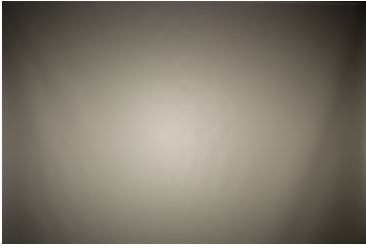
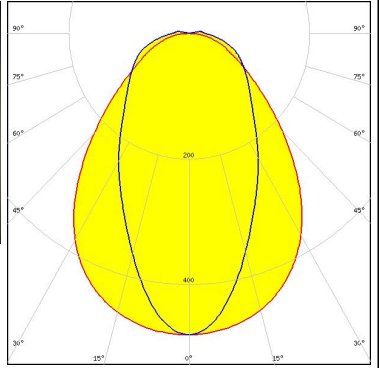

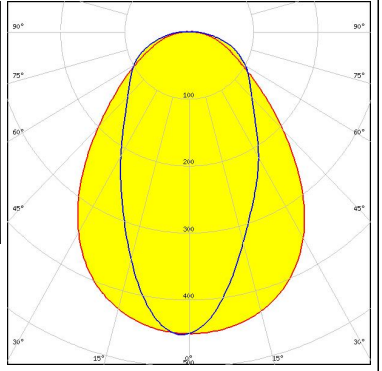
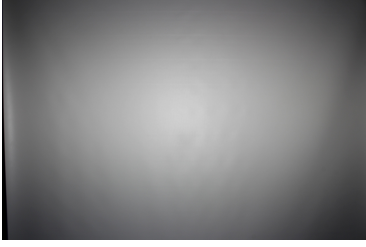
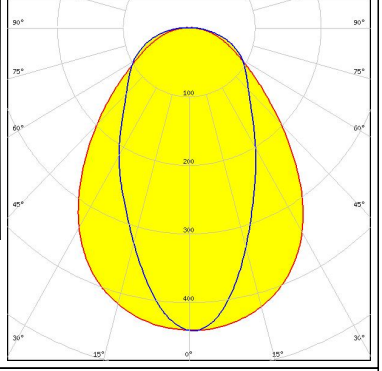

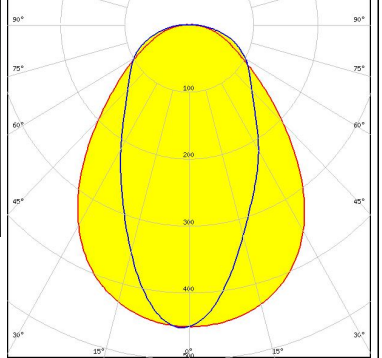


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

<p><b>bridgelux</b></p> <p>LED SMD 3030 (BXEM)</p> <p>FWHM / FWTM 98.0 + 51.0° / 150.5 + 157.5°</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components:</p>		
<p><b>CITIZEN</b></p> <p>LED CLUC11</p> <p>FWHM / FWTM 97.0 + 55.0° / 149.0 + 159.0°</p> <p>Efficiency 84 %</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>CREE LED</b></p> <p>LED XP-G3</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 81 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 87.0 + 58.0° / 147.0 + 164.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components:</p>		

#### OPTICAL RESULTS (MEASURED):

<p><b>NICHIA</b></p> <p>LED NFSW757H</p> <p>FWHM / FWTM 86.0 + 57.0° / 148.0 + 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>OSRAM</b></p> <p>LED PL-LIN-Z5 1100 280x20</p> <p>FWHM / FWTM 86.0 + 57.0° / 148.0 + 157.0°</p> <p>Efficiency 78 %</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>OSRAM</b></p> <p>LED PL-LIN-Z5 2000 280x20</p> <p>FWHM / FWTM 85.0 + 56.0° / 149.0 + 157.0°</p> <p>Efficiency 76 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Duris E 2835</p> <p>FWHM / FWTM 86.0 + 57.0° / 148.0 + 157.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

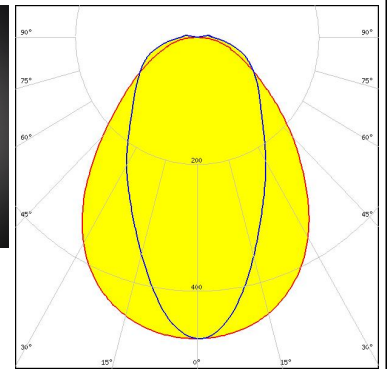
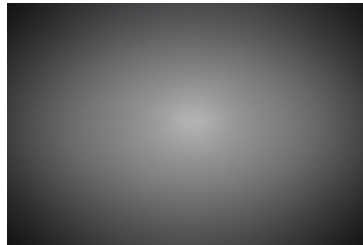


#### OPTICAL RESULTS (MEASURED):

#### OSRAM

Opto Semiconductors

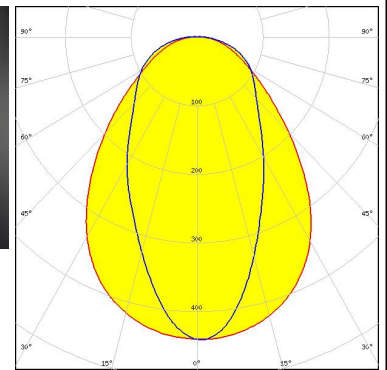
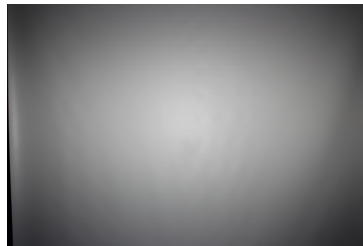
LED Duris E 2835  
 FWHM / FWTM 87.0 + 58.0° / 151.0 + 164.0°  
 Efficiency 86 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

Opto Semiconductors

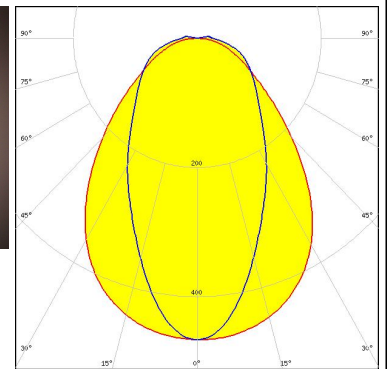
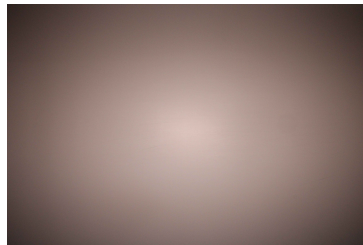
LED Duris E 2835  
 FWHM / FWTM 85.0 + 56.0° / 149.0 + 157.0°  
 Efficiency 76 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

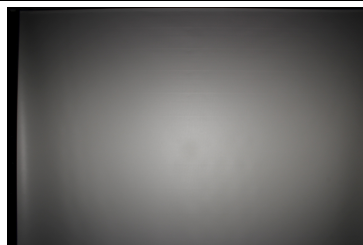
Opto Semiconductors

LED 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 Tunable White  
 Required components:



#### PHILIPS

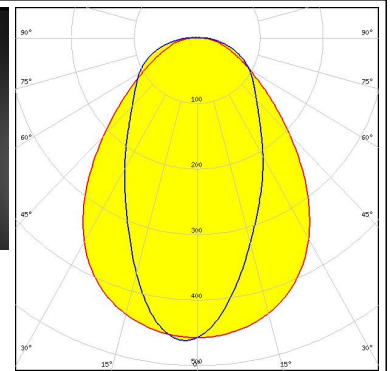
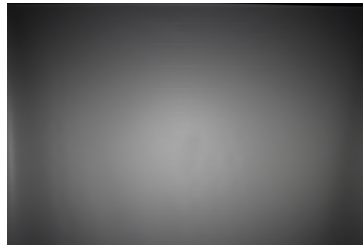
LED Fortimo LED Strip 1ft 1100lm FC HV4 & LV4  
 FWHM / FWTM 85.0 + 56.0° / 148.0 + 157.0°  
 Efficiency 79 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

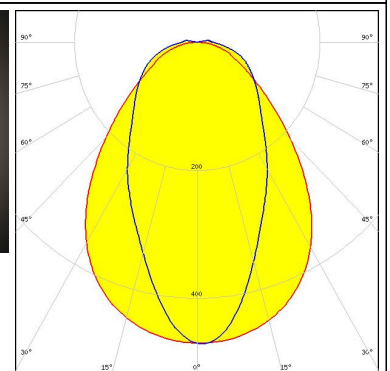
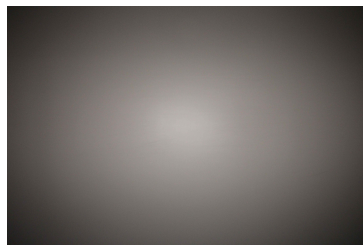
### PHILIPS

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:



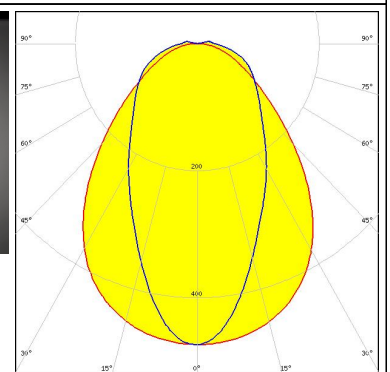
### PHILIPS

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 White  
 Required components:



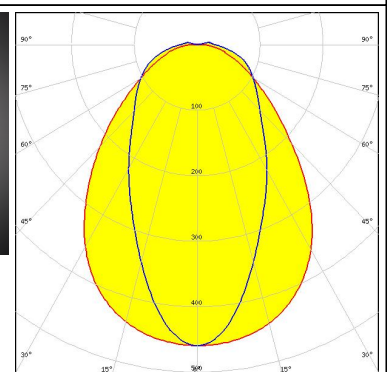
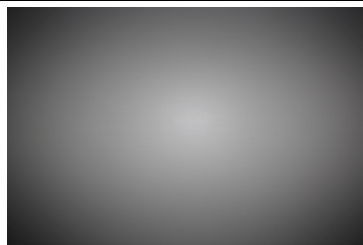
### SAMSUNG

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

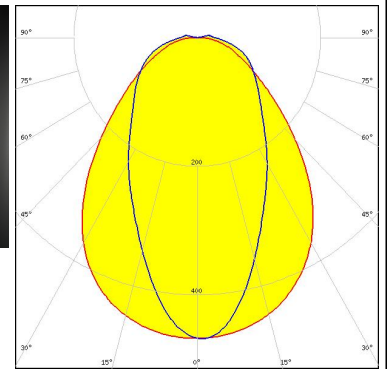
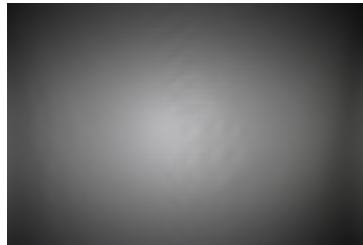
LED LM301B  
 FWHM / FWTM 87.0 + 57.0° / 151.0 + 164.0°  
 Efficiency 83 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

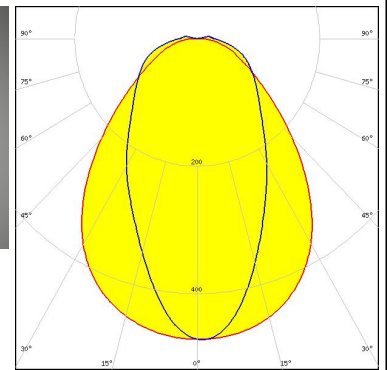
### SAMSUNG

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 White  
 Required components:



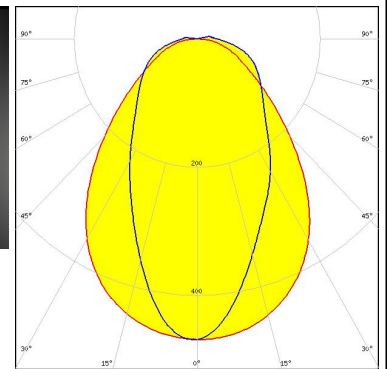
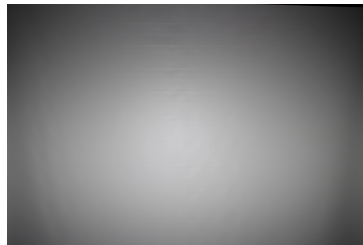
### SAMSUNG

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:



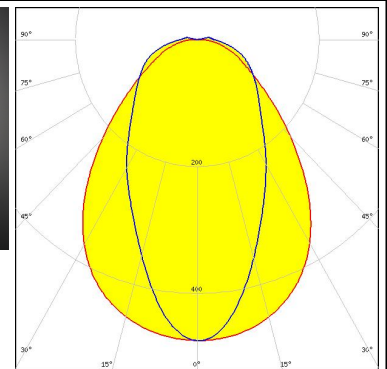
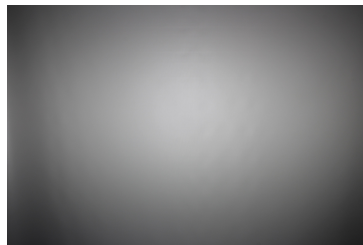
### SAMSUNG

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:



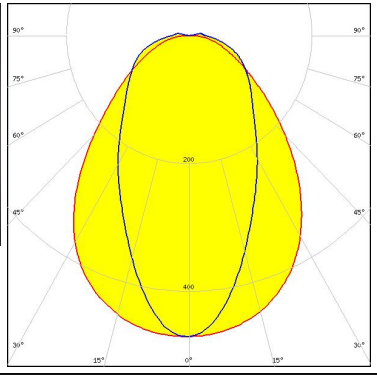

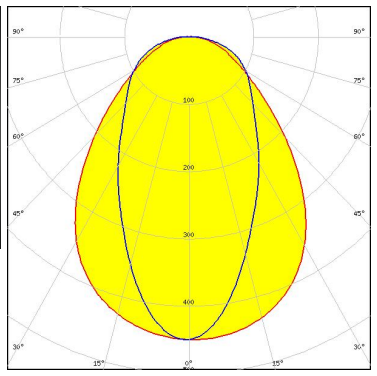

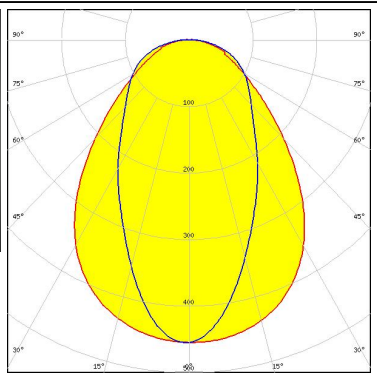

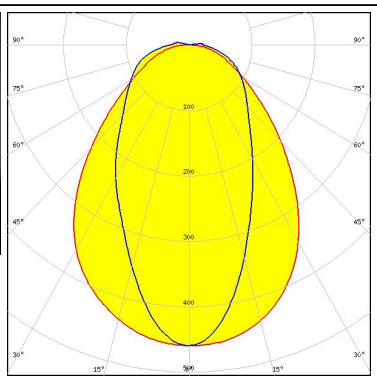


### SAMSUNG

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:



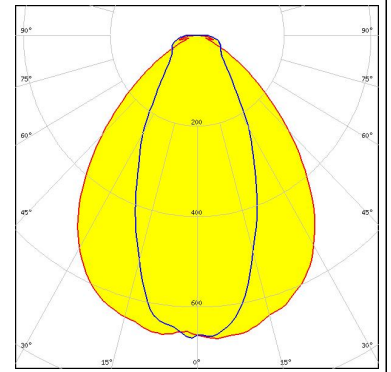
#### OPTICAL RESULTS (MEASURED):

<p> <b>SEOUL SEMICONDUCTOR</b></p> <p>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: White            Required components:</p>		
<p><b>TRIDONIC</b></p> <p>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: White            Required components:</p>		
<p><b>TRIDONIC</b></p> <p>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: White            Required components:</p>		
<p><b>TRIDONIC</b></p> <p>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: White            Required components:</p>		

#### 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	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.

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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#### Local sales and technical support

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Hong Kong, China

#### Distribution Partners

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