

## LINNEA-O-B

~35° + 70° oval beam optimized for 0.5 mm metal sheet or profile. Variant made from PC.

### SPECIFICATION:

Dimensions	285.0 x 40.0 mm
Height	10.5 mm
Fastening	clips
ROHS compliant	yes ⓘ

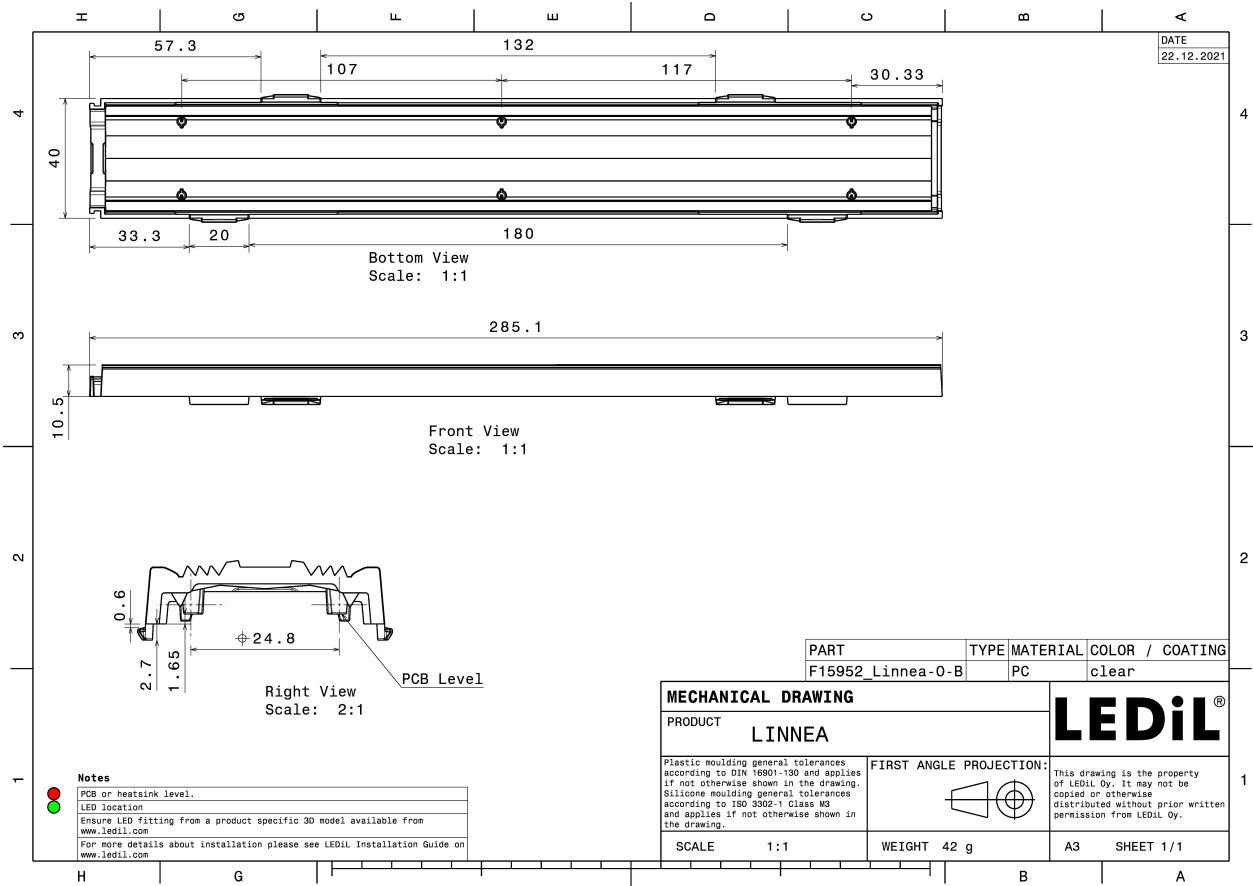
### MATERIALS:

Component	Type	Material	Colour	Finish
LINNEA-O-B	Linear lens	PC	clear	

### ORDERING INFORMATION:


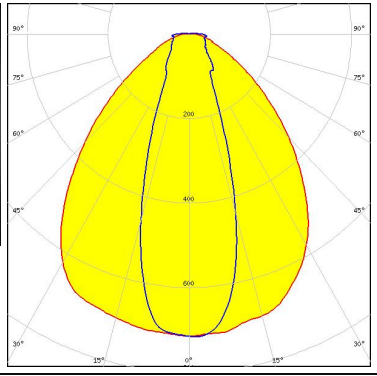

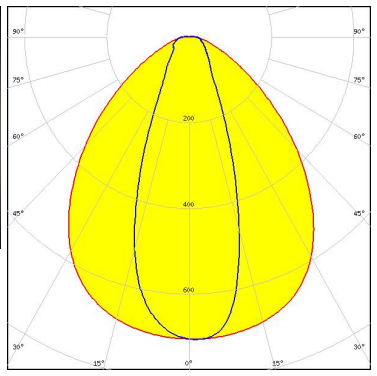

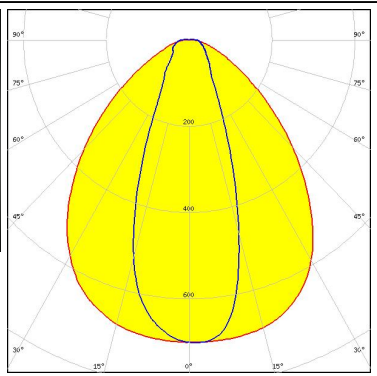
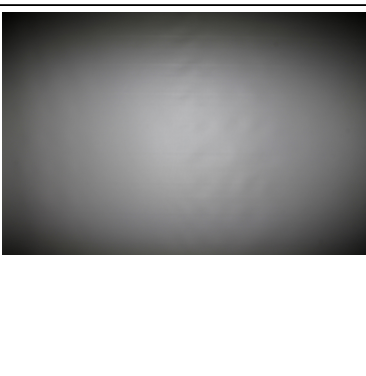
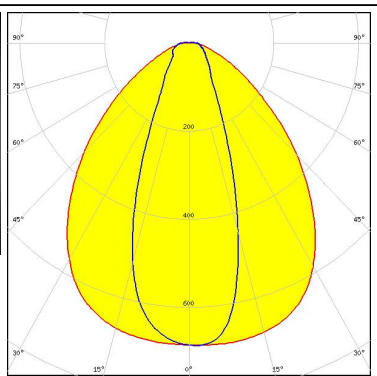
Component	Qty in box	MOQ	MPQ	Box weight (kg)
F15952_LINNEA-O-B » Box size: 398 x 298 x 265 mm	153	36	9	8.0



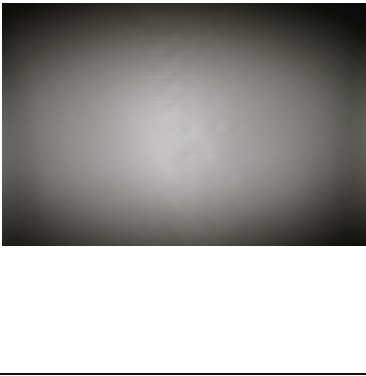
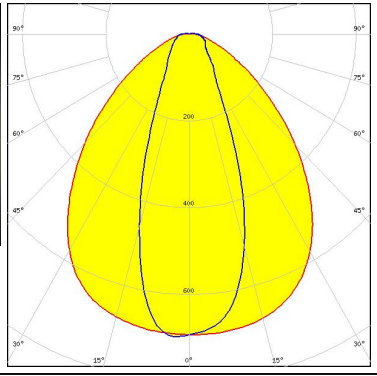

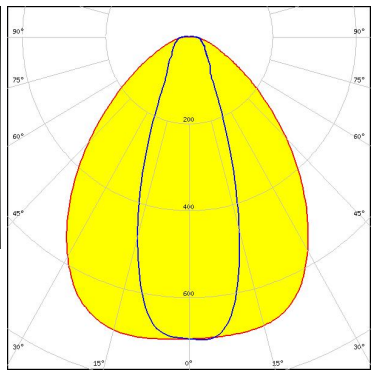

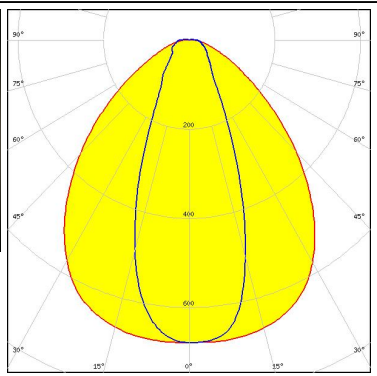
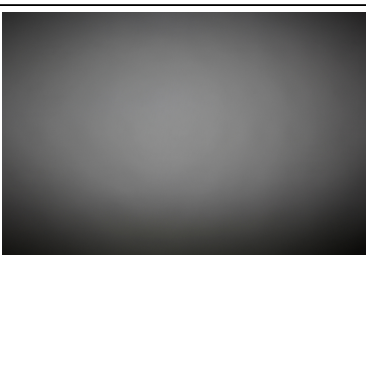
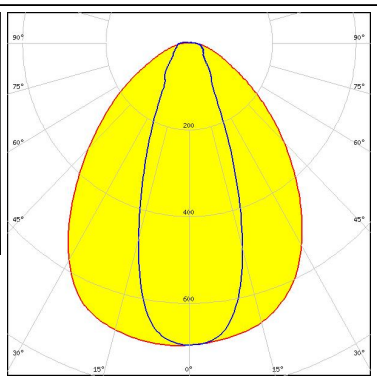


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> LEDs</p> <p>LED XP-E</p> <p>FWHM / FWTM 90.0 + 35.0° / 138.0 + 86.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>Helvar</b></p> <p>LED L-iC-282-827-865-011A</p> <p>FWHM / FWTM 91.0 + 39.0° / 139.0 + 84.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>Helvar</b></p> <p>LED LP-282-840-009A 60/300</p> <p>FWHM / FWTM 91.0 + 39.0° / 139.0 + 85.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>Helvar</b></p> <p>LED LS-282-840-011A</p> <p>FWHM / FWTM 92.0 + 39.0° / 140.0 + 86.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

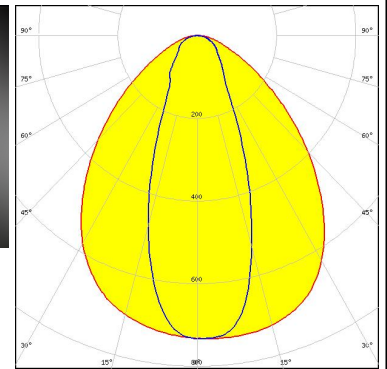
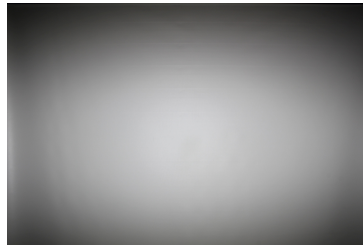
#### OPTICAL RESULTS (MEASURED):

<p><b>Helvar</b></p> <p>LED LX-282-840-023A            FWHM / FWTM 91.0 + 39.0° / 139.0 + 86.0°            Efficiency 83 %            Peak intensity 0.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>MST</b> <i>Your solutions</i></p> <p>LED LinLED 280x24mm 1100lm 830 2C 30V LINNEA-GC G1            FWHM / FWTM 88.0 + 37.0° / 137.0 + 83.0°            Efficiency 82 %            Peak intensity 0.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NFSW757H            FWHM / FWTM 92.0 + 41.0° / 140.0 + 89.0°            Efficiency 85 %            Peak intensity 0.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NFSx757G            FWHM / FWTM 87.0 + 38.0° / 140.0 + 85.0°            Efficiency 81 %            Peak intensity 0.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

#### OPTICAL RESULTS (MEASURED):

### OSRAM

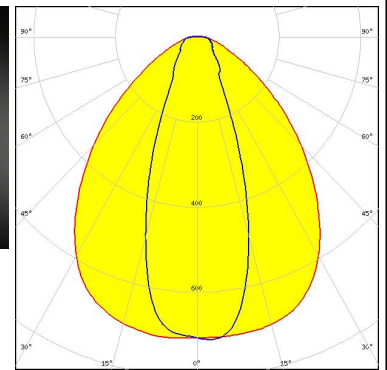
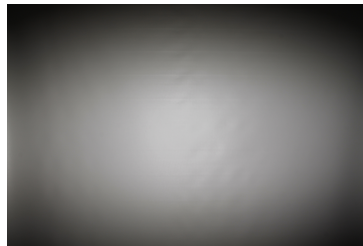
LED PL-LIN-IND-Z1 2800 560x24  
 FWHM / FWTM 91.0 + 39.0° / 140.0 + 94.0°  
 Efficiency 87 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OSRAM

Opto Semiconductors

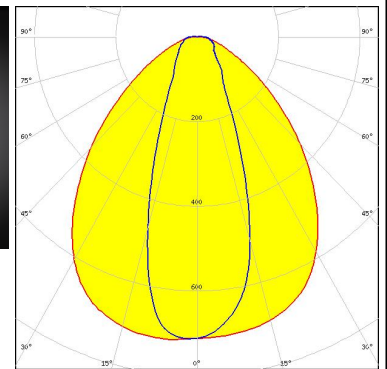
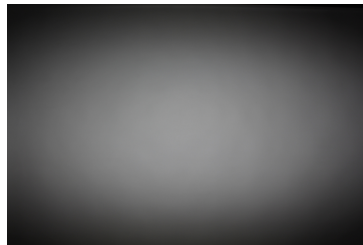
LED Duris S5 (2 chip)  
 FWHM / FWTM 90.0 + 38.0° / 138.0 + 86.0°  
 Efficiency 83 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OSRAM

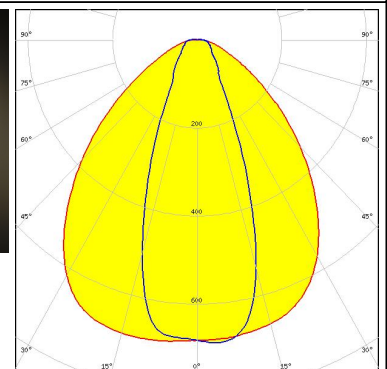
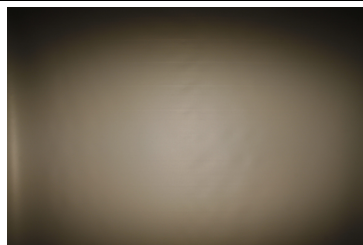
Opto Semiconductors

LED Duris S5 (Single chip)  
 FWHM / FWTM 91.0 + 38.0° / 139.0 + 88.0°  
 Efficiency 85 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHILIPS

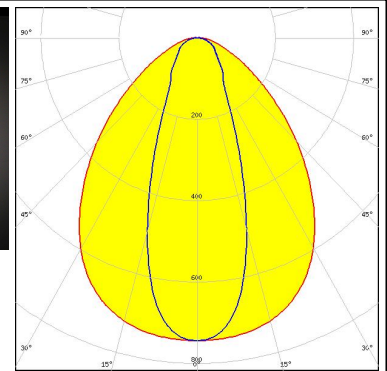
LED Fortimo LED Strip 1ft 1100lm FC HV4 & LV4  
 FWHM / FWTM 92.0 + 40.0° / 140.0 + 85.0°  
 Efficiency 83 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

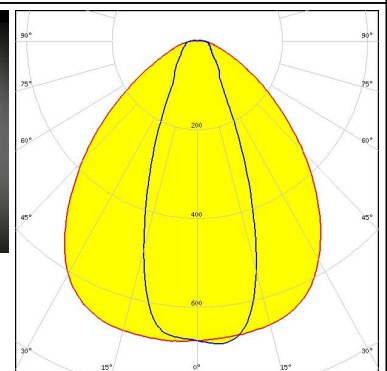
### PHILIPS

LED Fortimo LED Strip 1ft 1100lm FC HV5 & LV5  
 FWHM / FWTM 89.0 + 38.0° / 140.0 + 92.0°  
 Efficiency 86 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



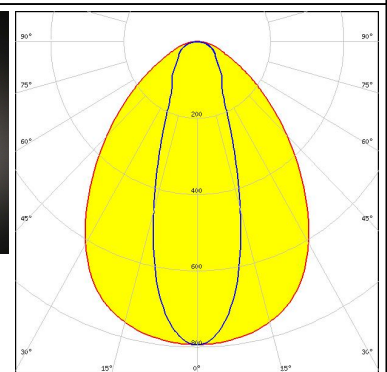
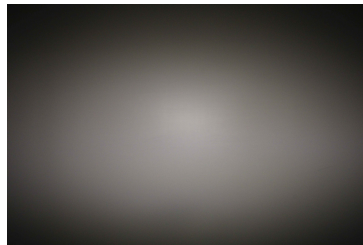
### PHILIPS

LED Fortimo LED Strip 1ft 650lm FC HV4 & LV4  
 FWHM / FWTM 93.0 + 40.0° / 140.0 + 85.0°  
 Efficiency 83 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



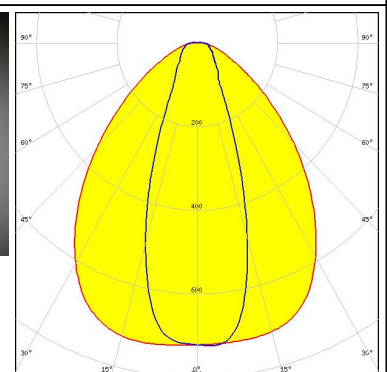
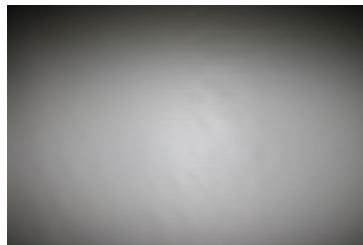
### PHILIPS

LED Fortimo LED Strip 1ft 650lm FC HV5 & LV5  
 FWHM / FWTM 85.0 + 33.0° / 136.0 + 90.0°  
 Efficiency 85 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### SAMSUNG

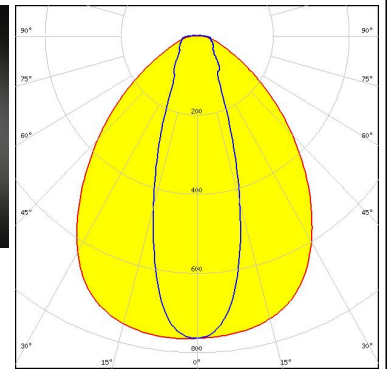
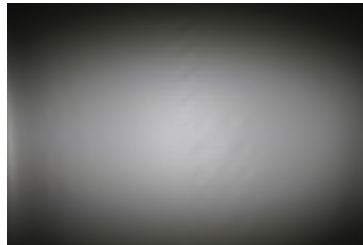
LED LM561B Plus  
 FWHM / FWTM 88.0 + 37.0° / 137.0 + 83.0°  
 Efficiency 82 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

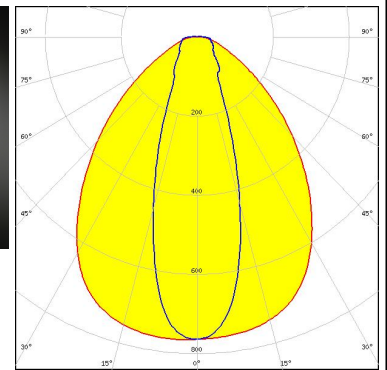
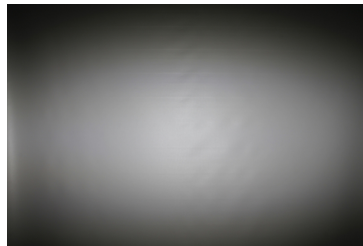
### SAMSUNG

LED LT-H282C  
 FWHM / FWTM 88.0 + 33.0° / 136.0 + 84.0°  
 Efficiency 83 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



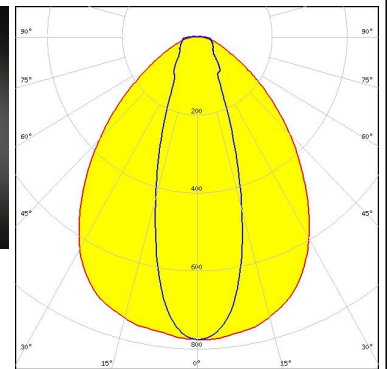
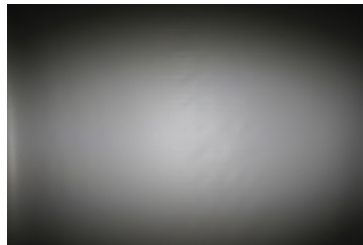
### SAMSUNG

LED LT-H562C  
 FWHM / FWTM 88.0 + 33.0° / 136.0 + 84.0°  
 Efficiency 83 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



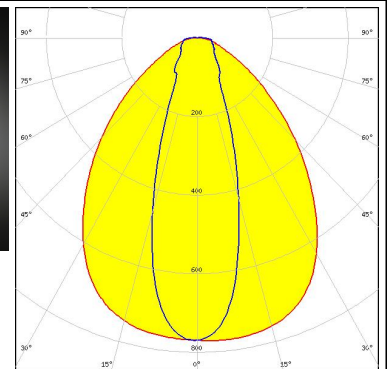
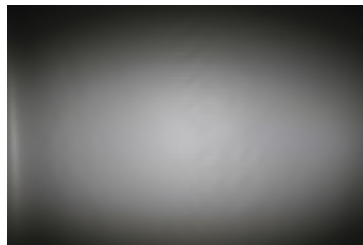
### SAMSUNG

LED LT-Q282B  
 FWHM / FWTM 86.0 + 33.0° / 136.0 + 84.0°  
 Efficiency 83 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### SAMSUNG

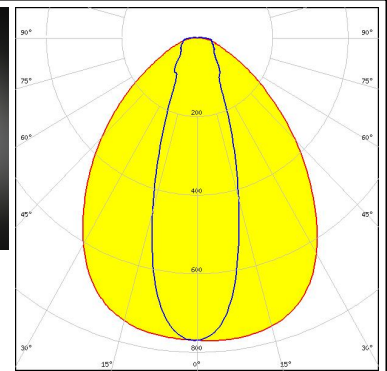
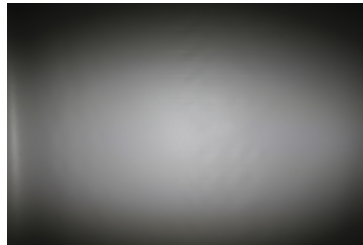
LED LT-S282H  
 FWHM / FWTM 87.0 + 33.0° / 136.0 + 84.0°  
 Efficiency 83 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

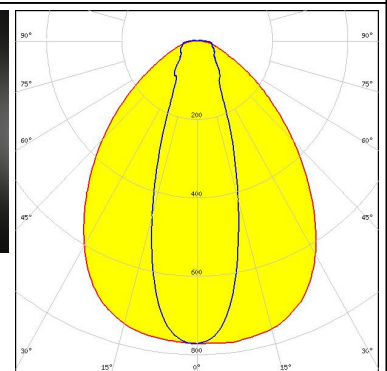
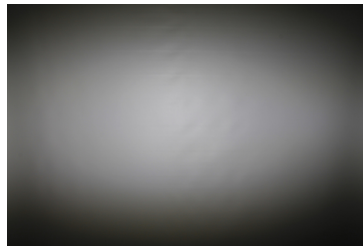
### SAMSUNG

LED LT-S562H  
 FWHM / FWTM 87.0 + 33.0° / 136.0 + 84.0°  
 Efficiency 83 %  
 Peak intensity 0.8 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



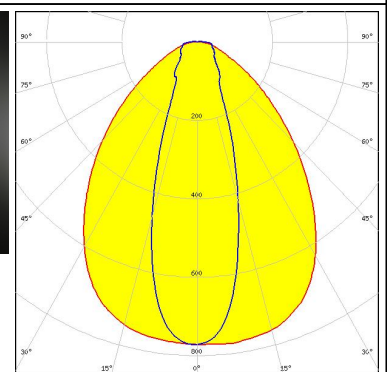
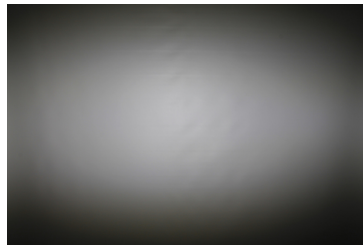
### SAMSUNG

LED LT-V282E  
 FWHM / FWTM 87.0 + 33.0° / 136.0 + 84.0°  
 Efficiency 83 %  
 Peak intensity 0.8 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



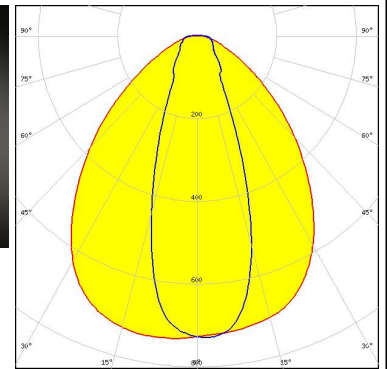
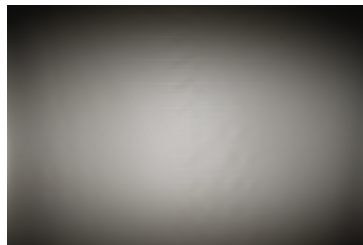
### SAMSUNG

LED LT-V562E  
 FWHM / FWTM 87.0 + 33.0° / 136.0 + 84.0°  
 Efficiency 83 %  
 Peak intensity 0.8 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

LED SEOUL DC 3030  
 FWHM / FWTM 89.0 + 37.0° / 138.0 + 87.0°  
 Efficiency 84 %  
 Peak intensity 0.7 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:

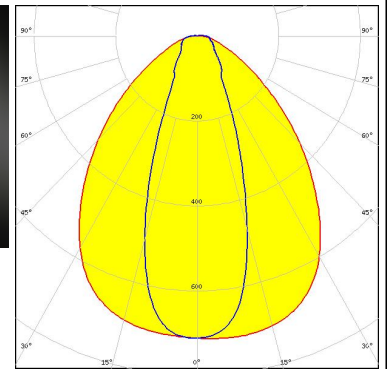




#### OPTICAL RESULTS (MEASURED):

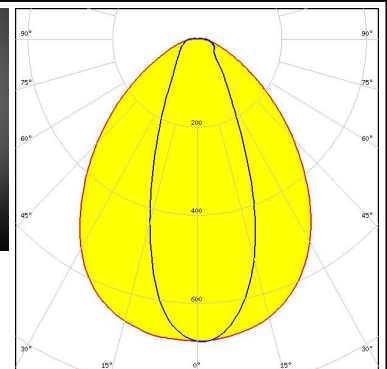
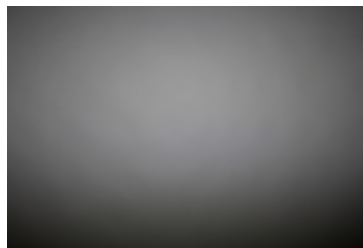
#### TRIDONIC

LED LLE G4 24x280mm 1250lm  
 FWHM / FWTM 89.0 + 38.0° / 138.0 + 86.0°  
 Efficiency 83 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



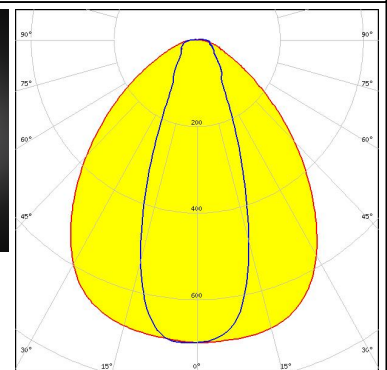
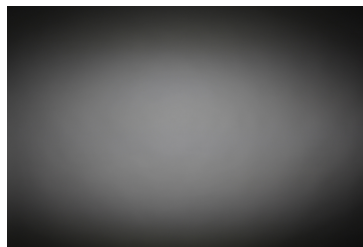
#### TRIDONIC

LED LLE G4 24x280mm 2000lm ADV  
 FWHM / FWTM 88.0 + 40.0° / 139.0 + 88.0°  
 Efficiency 83 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### TRIDONIC

LED LLE G4 24x280mm 650lm  
 FWHM / FWTM 90.0 + 39.0° / 138.0 + 87.0°  
 Efficiency 84 %  
 Peak intensity 0.7 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.

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#### LEDiL Oy

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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

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