

## LINDA-O

~40° + 100° oval beam

### SPECIFICATION:

Dimensions	25.7 x 1140.0 mm
Height	5 mm
Fastening	snaps
ROHS compliant	yes ⓘ

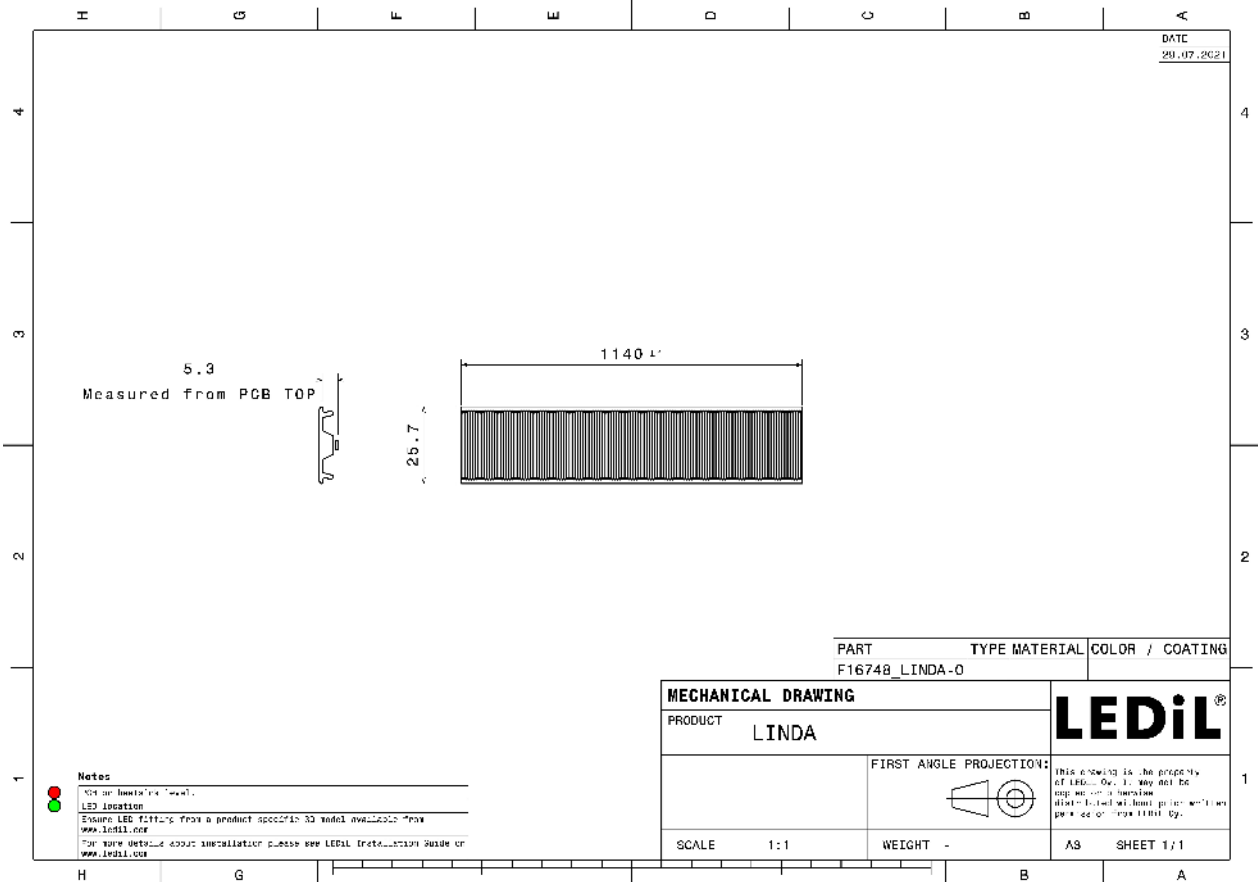
### MATERIALS:

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

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F16748_LINDA-O » Box size: 1185 x 150 x 115 mm	150	150	150	13.1



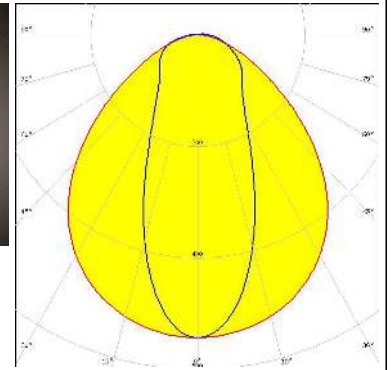


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

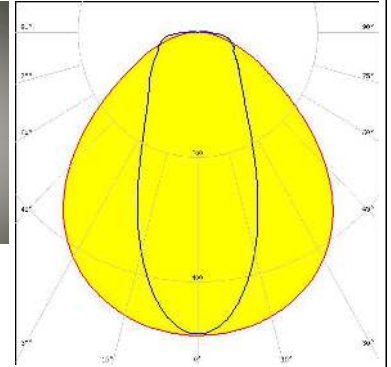
### CITIZEN

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 White  
 Required components:



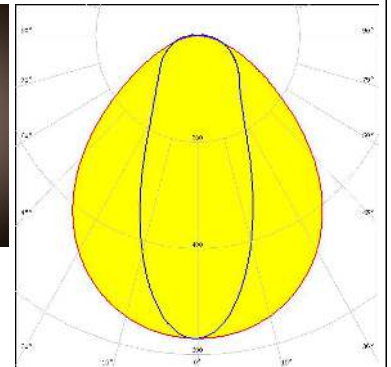
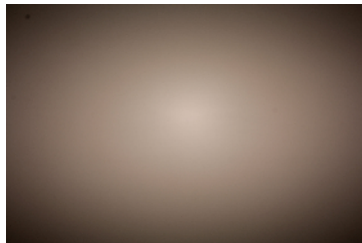
### CREE LED

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 White  
 Required components:



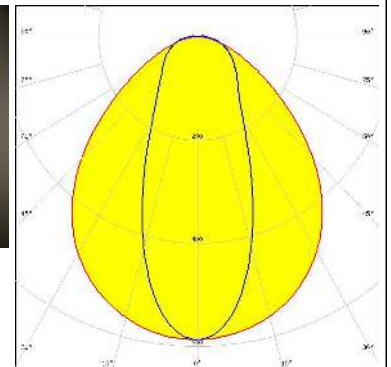
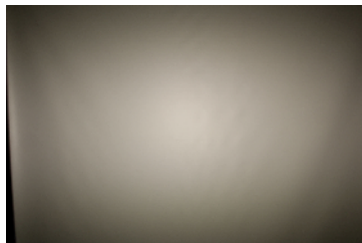
### NICHIA

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 Tunable White  
 Required components:



### NICHIA

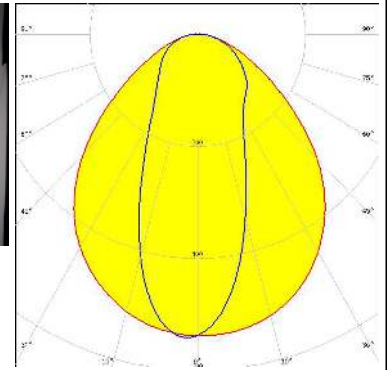
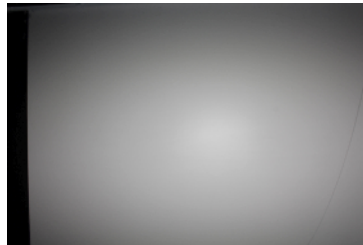
LED NFSW757H  
 FWHM / FWTM 95.0 + 43.0° / 145.0 + 138.0°  
 Efficiency 88 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (MEASURED):

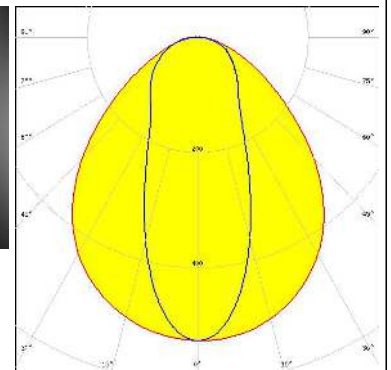
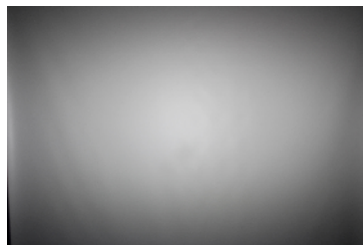
#### OSRAM

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 White  
 Required components:



#### OSRAM

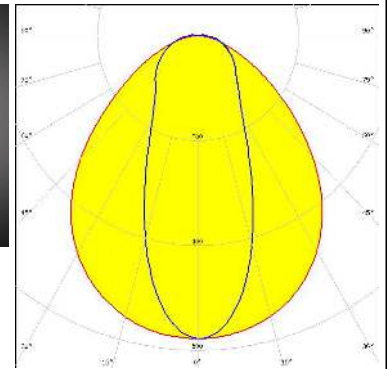
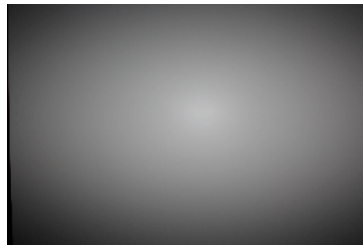
LED PL-LIN-Z5 2000 280x20  
 FWHM / FWTM 96.0 + 42.0° / 147.0 + 141.0°  
 Efficiency 80 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

Opto Semiconductors

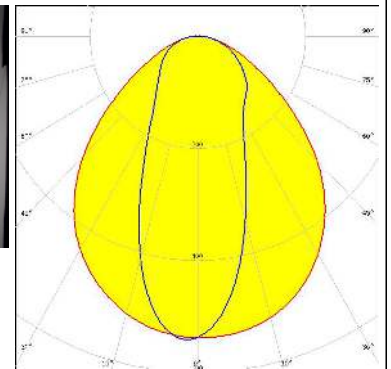
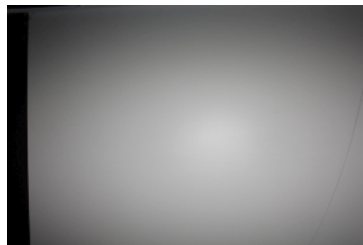
LED Duris E 2835  
 FWHM / FWTM 96.0 + 43.0° / 146.0 + 142.0°  
 Efficiency 88 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




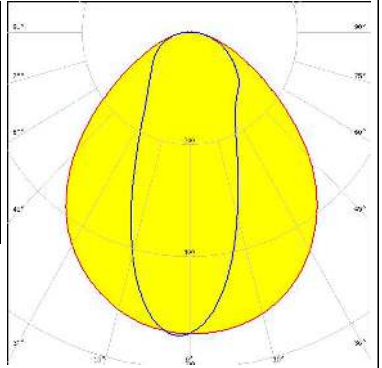

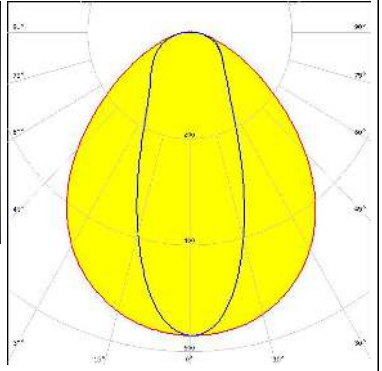

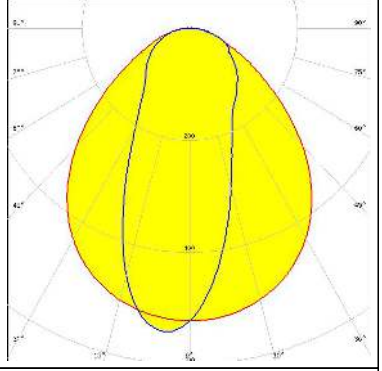

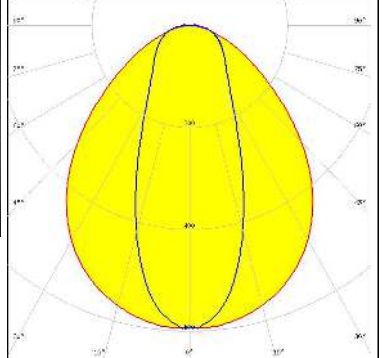
#### OSRAM

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 White  
 Required components:



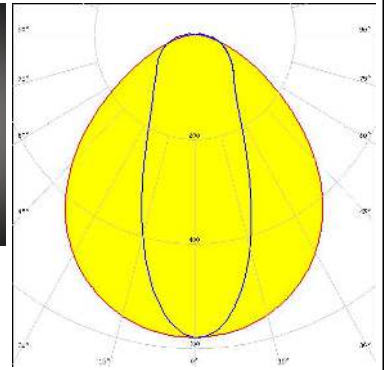
#### OPTICAL RESULTS (MEASURED):

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Duris E 2835</p> <p>FWHM / FWTM 97.0 + 42.0° / 147.0 + 140.0°</p> <p>Efficiency 82 %</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>PHILIPS</b></p> <p>LED Fortimo LED Strip 1ft 1100lm FC HV4 &amp; LV4</p> <p>FWHM / FWTM 95.0 + 42.0° / 145.0 + 135.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>PHILIPS</b></p> <p>LED Fortimo LED Strip 1ft 650lm FC HV4 &amp; LV4</p> <p>FWHM / FWTM 94.0 + 42.0° / 147.0 + 144.0°</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>		
<p><b>PHILIPS</b></p> <p>LED Fortimo LED Strip 1ft 650lm FC HV5 &amp; LV5</p> <p>FWHM / FWTM 94.0 + 42.0° / 145.0 + 134.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

#### OPTICAL RESULTS (MEASURED):

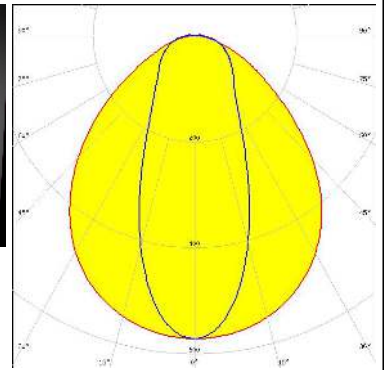
### SAMSUNG

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 White  
 Required components:



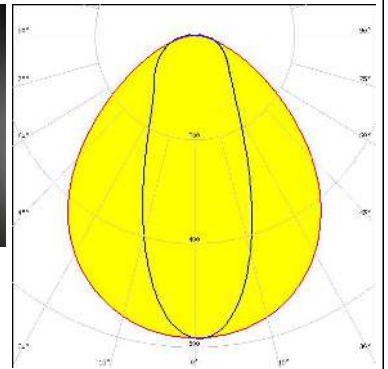
### SAMSUNG

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 White  
 Required components:



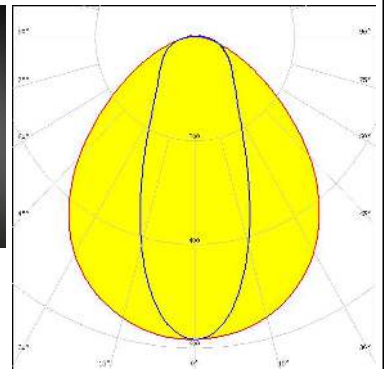
### SAMSUNG

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

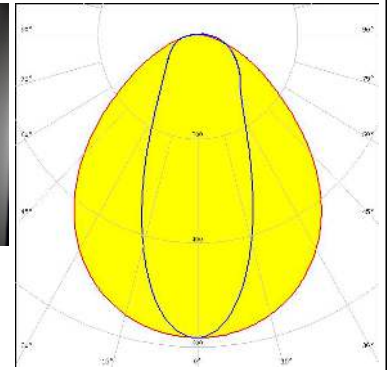
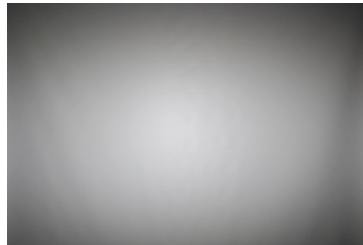
LED LT-H282C  
 FWHM / FWTM 95.0 + 42.0° / 145.0 + 136.0°  
 Efficiency 88 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### 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 White  
 Required components:

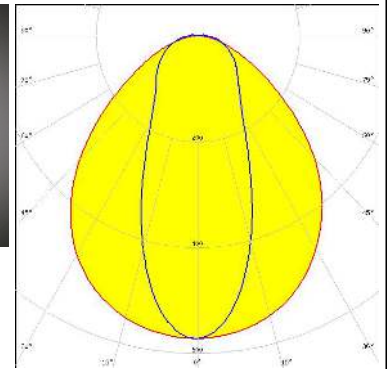
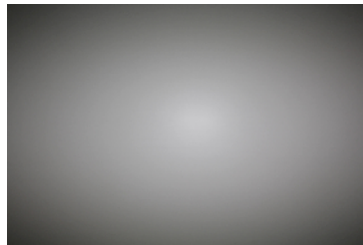


#### SAMSUNG

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 White  
 Required components:

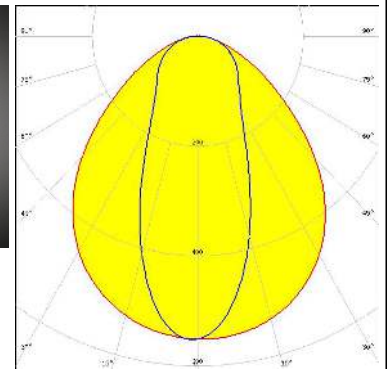
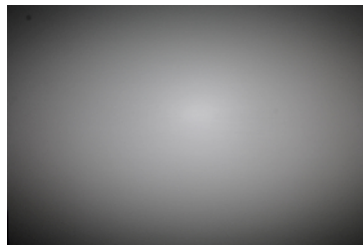


LED SEOUL DC 3528  
 FWHM / FWTM 96.0 + 43.0° / 146.0 + 143.0°  
 Efficiency 88 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### TRIDONIC

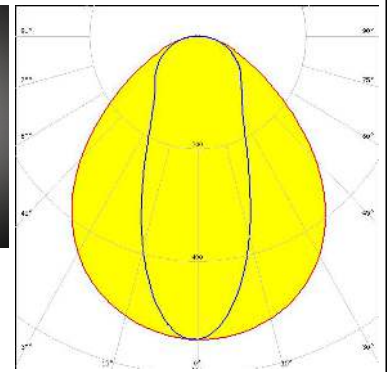
LED LLE 24x280mm 1250lm HV ADV5  
 FWHM / FWTM 96.0 + 43.0° / 146.0 + 139.0°  
 Efficiency 83 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (MEASURED):

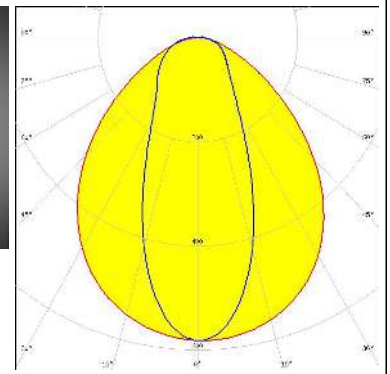
#### TRIDONIC

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 White  
Required components:




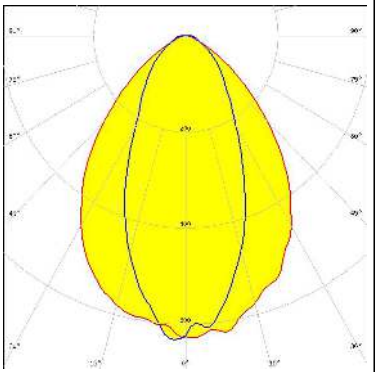

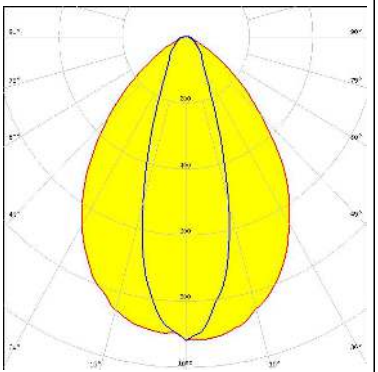

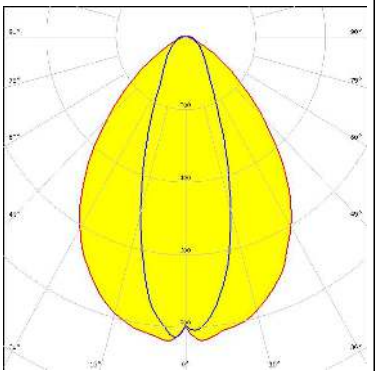

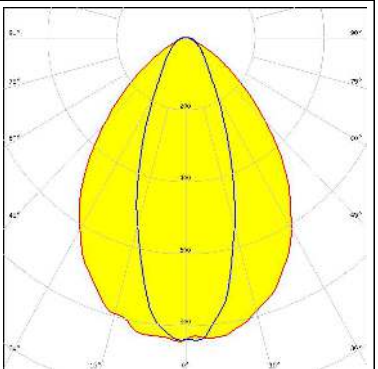
#### TRIDONIC

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 White  
Required components:

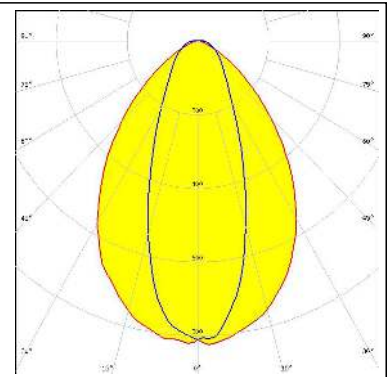
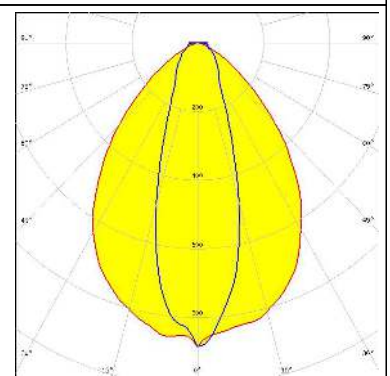
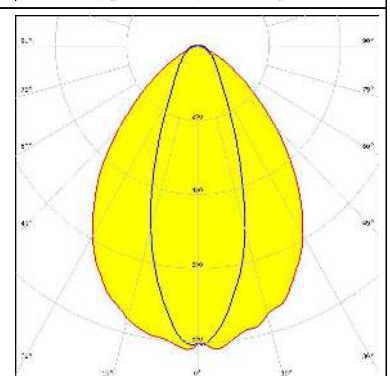
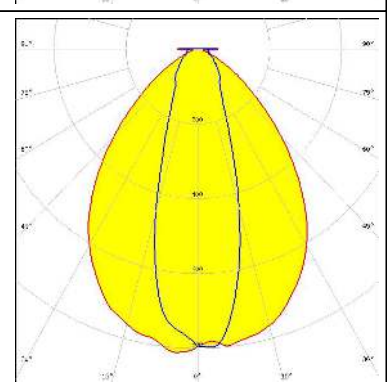




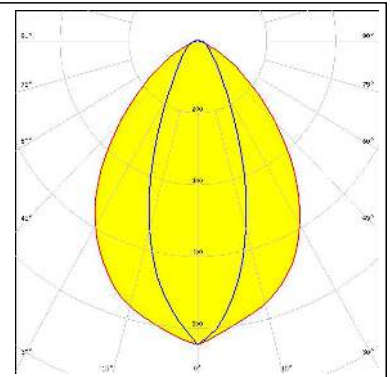
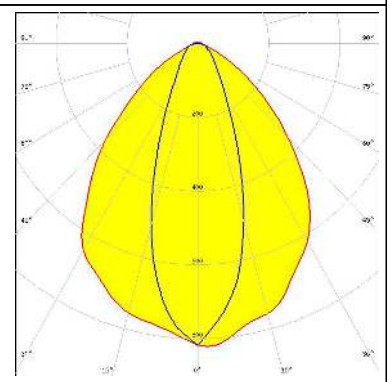
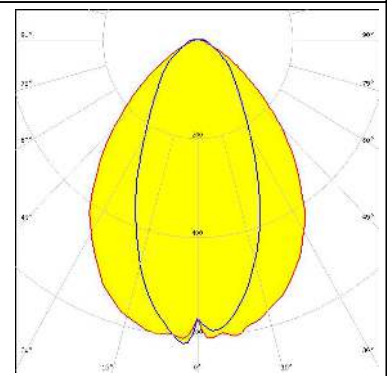
### OPTICAL RESULTS (SIMULATED):

<p> <b>bridgelux</b></p> <p>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: White            Required components:</p>	
<p> <b>LUMILEDS</b></p> <p>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: White            Required components:</p>	
<p> <b>LUMILEDS</b></p> <p>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: White            Required components:</p>	
<p> <b>LUMILEDS</b></p> <p>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: White            Required components:</p>	

### OPTICAL RESULTS (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON CSP HL1</p> <p>FWHM / FWTM 77.0 + 39.0° / 122.0 + 104.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 5</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NCSxE17A</p> <p>FWHM / FWTM 80.0 + 32.0° / 122.0 + 85.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 0.9 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 NF2x757G</p> <p>FWHM / FWTM 80.0 + 36.0° / 122.0 + 84.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 0.8 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 NFSWE11A</p> <p>FWHM / FWTM 82.0 + 32.0° / 124.0 + 90.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSLOM Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM 80.0 + 40.0° / 124.0 + 80.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 0.8 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 OSLOM SSL 150</p> <p>FWHM / FWTM 84.0 + 36.0° / 128.0 + 80.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Far Red</p> <p>Required components:</p>	
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED SEOUL DC 5050 6V</p> <p>FWHM / FWTM 82.0 + 48.0° / 124.0 + 114.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

### 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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P.R.CHINA

#### Local sales and technical support

[www.ledil.com/  
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#### Shipping locations

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#### Distribution Partners

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