

## LINDA-WW

~70° + 100° beam

### SPECIFICATION:

Dimensions	25.7 x 1140.0 mm
Height	5.3 mm
ROHS compliant	yes ⓘ

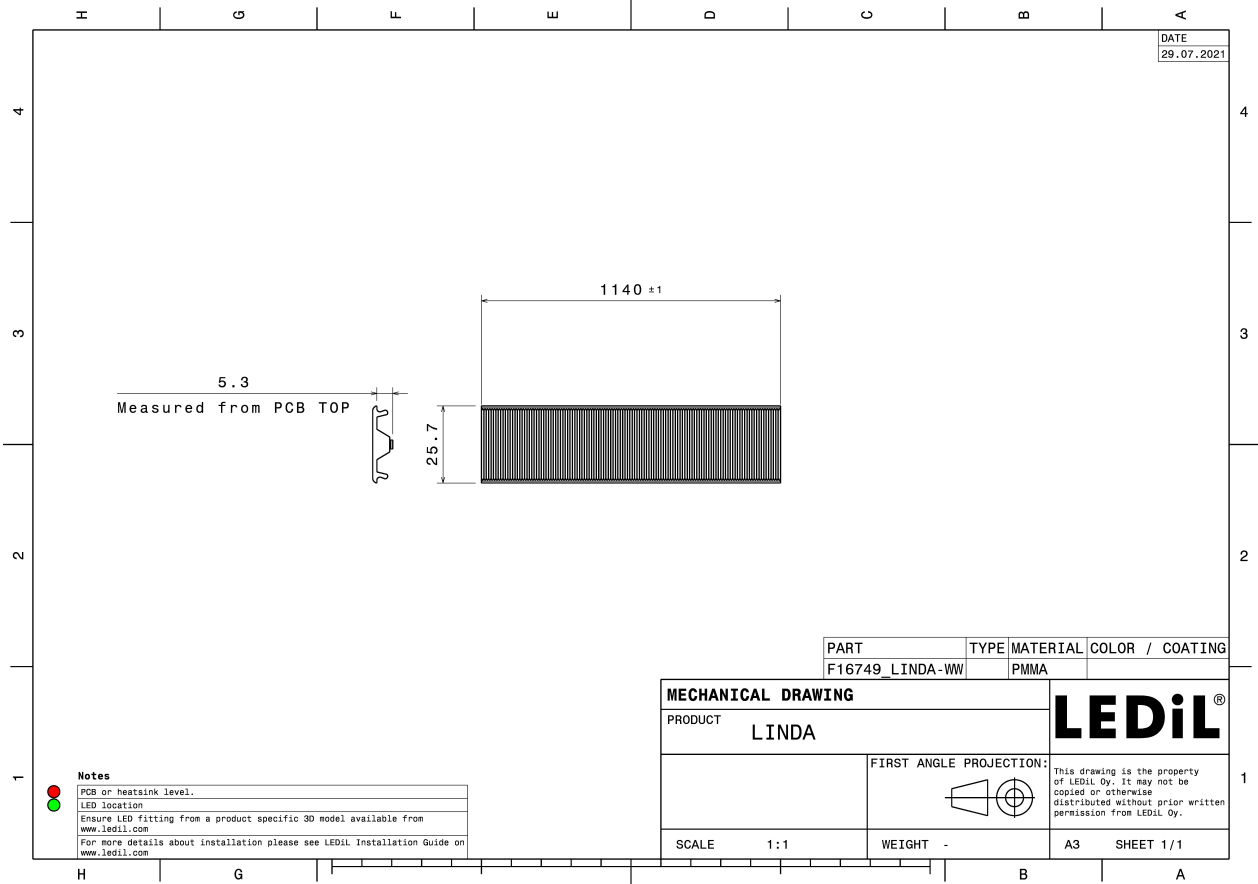
### MATERIALS:

Component	Type	Material	Colour	Finish
LINDA-WW	Linear lens	PMMA		



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F16749_LINDA-WW » Box size: 1185 x 150 x 115 mm	150	150	150	12.5

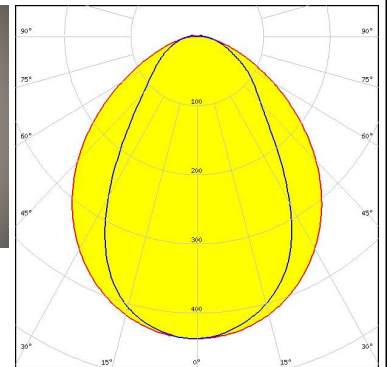


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

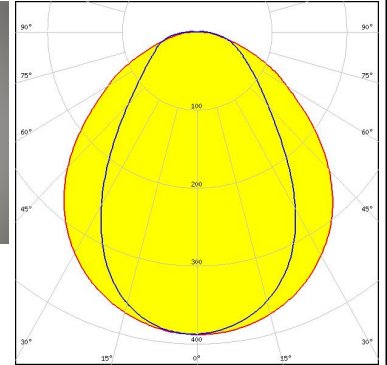
### CITIZEN

LED CLUC11  
 FWHM / FWTM 99.0 + 69.0° / 149.0 + 140.0°  
 Efficiency 87 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



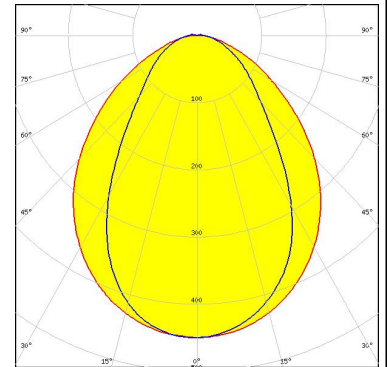
### CREE LED

LED XP-G3  
 FWHM / FWTM 104.0 + 74.0° / 156.0 + 159.0°  
 Efficiency 86 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



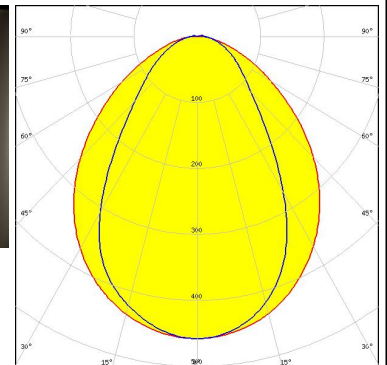
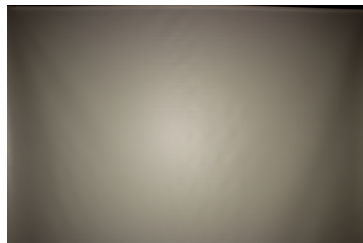
### NICHIA

LED NF2W757G-MT (Tunable White)  
 FWHM / FWTM 98.0 + 70.0° / 151.0 + 141.0°  
 Efficiency 90 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:



### NICHIA

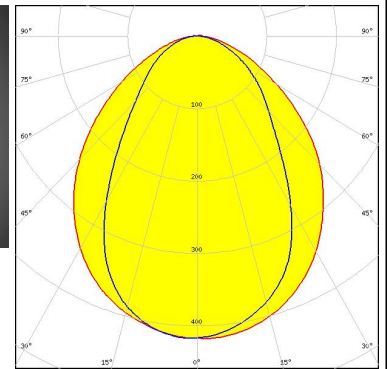
LED NFSW757H  
 FWHM / FWTM 97.0 + 69.0° / 150.0 + 138.0°  
 Efficiency 91 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

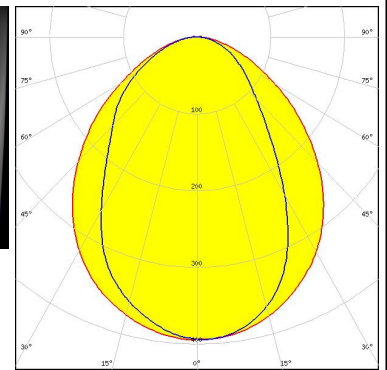
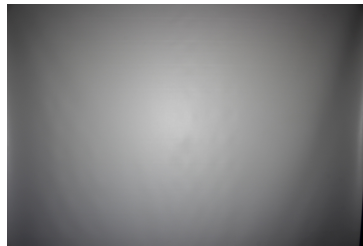
#### OSRAM

LED PL-LIN-Z5 1100 280x20  
 FWHM / FWTM 100.0 + 71.0° / 151.0 + 141.0°  
 Efficiency 85 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

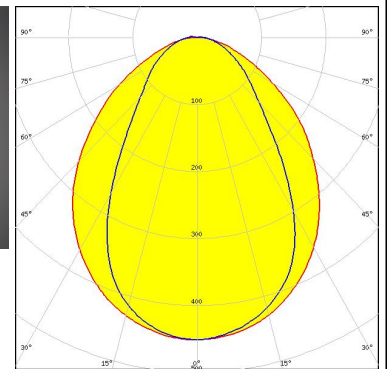
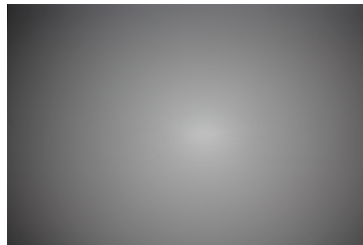
LED PL-LIN-Z5 2000 280x20  
 FWHM / FWTM 99.0 + 72.0° / 152.0 + 144.0°  
 Efficiency 82 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

Opto Semiconductors

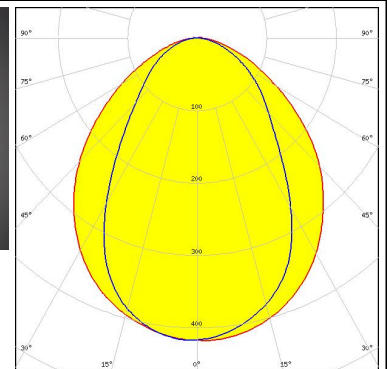
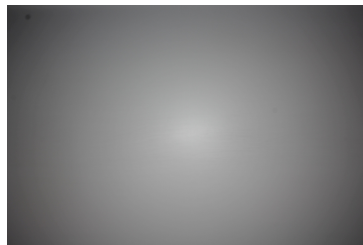
LED Duris E 2835  
 FWHM / FWTM 98.0 + 69.0° / 151.0 + 141.0°  
 Efficiency 90 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

Opto Semiconductors

LED Duris E 2835  
 FWHM / FWTM 99.0 + 72.0° / 152.0 + 144.0°  
 Efficiency 82 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



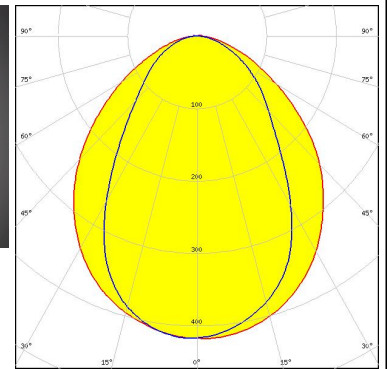


#### OPTICAL RESULTS (MEASURED):

#### OSRAM

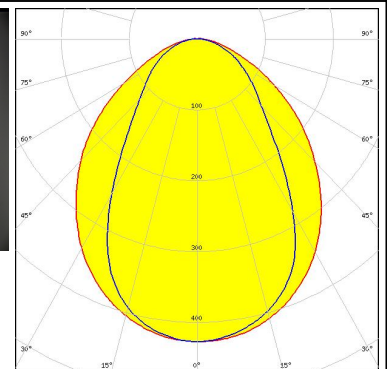
Opto Semiconductors

LED Duris E 2835  
 FWHM / FWTM 100.0 + 71.0° / 152.0 + 141.0°  
 Efficiency 85 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



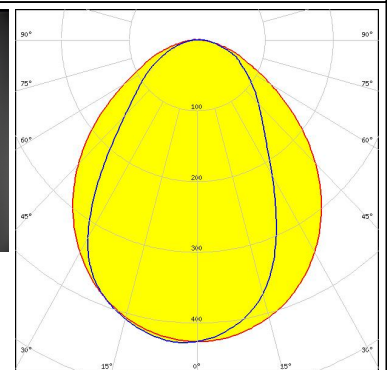
#### PHILIPS

LED Fortimo LED Strip 1ft 1100lm FC HV4 & LV4  
 FWHM / FWTM 98.0 + 69.0° / 151.0 + 141.0°  
 Efficiency 85 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



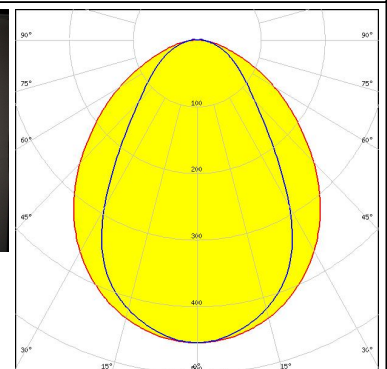
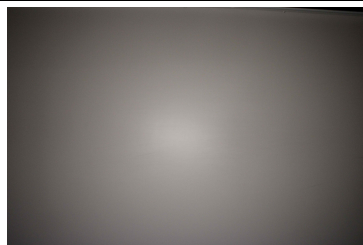
#### PHILIPS

LED Fortimo LED Strip 1ft 650lm FC HV4 & LV4  
 FWHM / FWTM 98.0 + 69.0° / 151.0 + 143.0°  
 Efficiency 87 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHILIPS

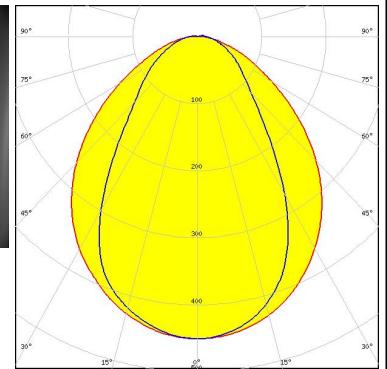
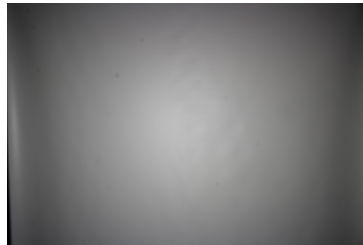
LED Fortimo LED Strip 1ft 650lm FC HV5 & LV5  
 FWHM / FWTM 97.0 + 69.0° / 151.0 + 137.0°  
 Efficiency 90 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

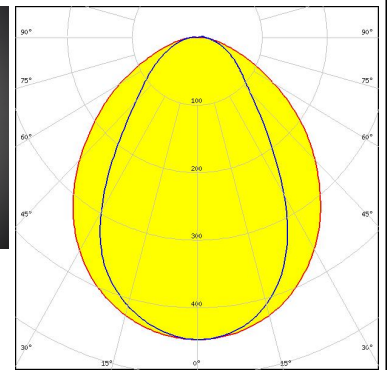
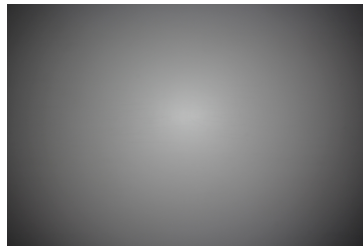
### SAMSUNG

LED LM28xB Series  
 FWHM / FWTM 99.0 + 69.0° / 151.0 + 140.0°  
 Efficiency 90 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



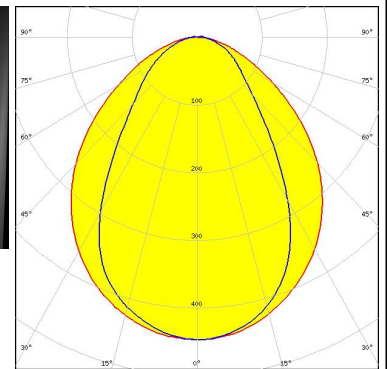
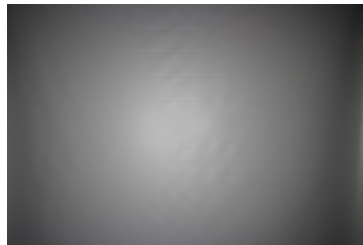
### SAMSUNG

LED LM301B  
 FWHM / FWTM 98.0 + 69.0° / 151.0 + 138.0°  
 Efficiency 89 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



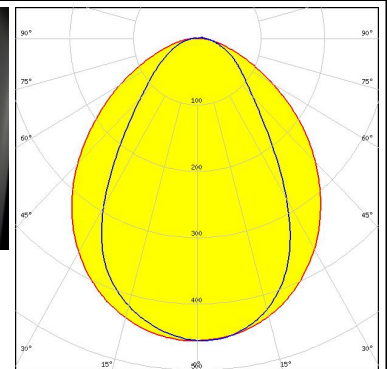
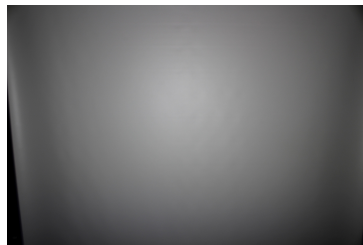
### SAMSUNG

LED LM561C  
 FWHM / FWTM 100.0 + 70.0° / 152.0 + 139.0°  
 Efficiency 90 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### SAMSUNG

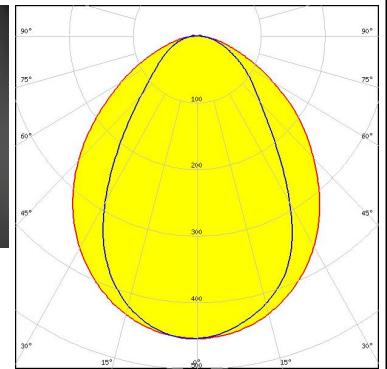
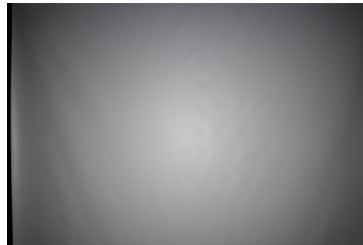
LED LT-H282C  
 FWHM / FWTM 98.0 + 69.0° / 150.0 + 135.0°  
 Efficiency 90 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (MEASURED):

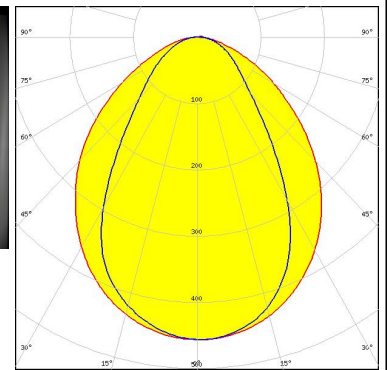
#### SAMSUNG

LED LT-Q282B  
 FWHM / FWTM 98.0 + 69.0° / 150.0 + 136.0°  
 Efficiency 90 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

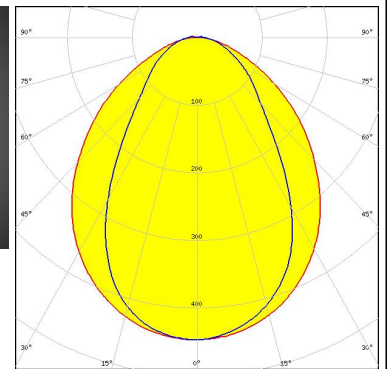
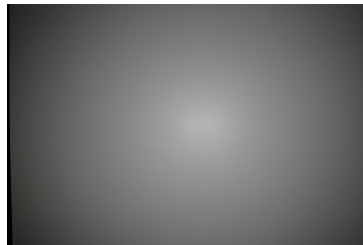


#### SAMSUNG

LED LT-S282H  
 FWHM / FWTM 98.0 + 68.0° / 150.0 + 134.0°  
 Efficiency 90 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

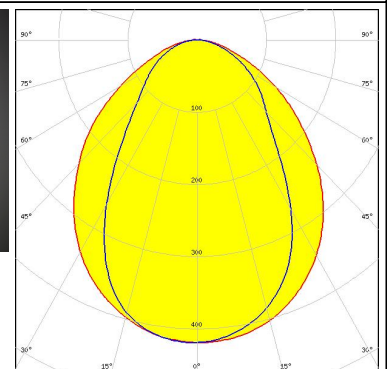
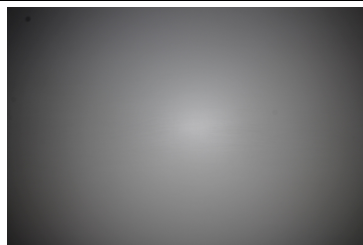


LED SEOUL DC 3528  
 FWHM / FWTM 99.0 + 70.0° / 152.0 + 141.0°  
 Efficiency 90 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### TRIDONIC

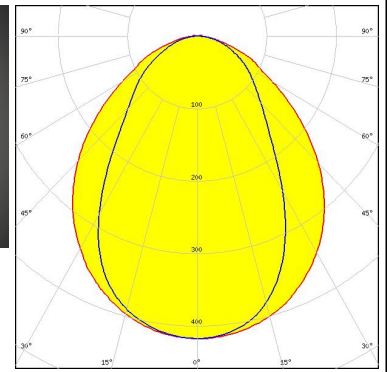
LED LLE 24x280mm 1250lm HV ADV5  
 FWHM / FWTM 99.0 + 70.0° / 152.0 + 143.0°  
 Efficiency 85 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (MEASURED):

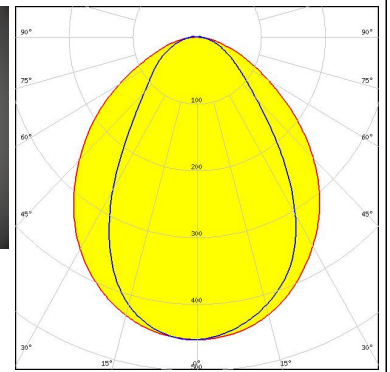
#### TRIDONIC

LED LLE 24x280mm 650lm HV ADV5  
FWHM / FWTM 99.0 + 70.0° / 152.0 + 144.0°  
Efficiency 86 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

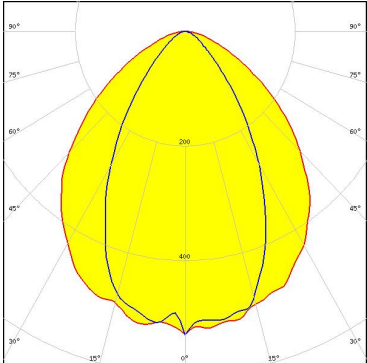
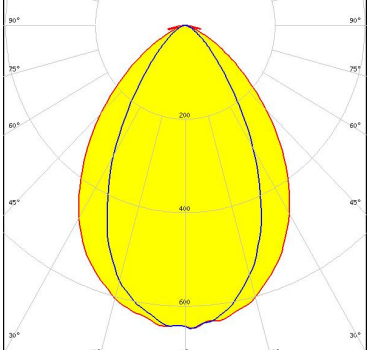
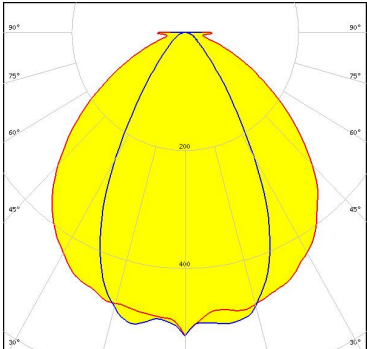
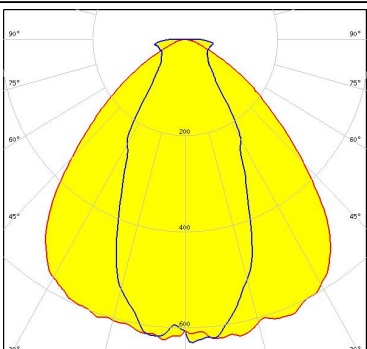


#### TRIDONIC

LED LLE FLEX CC 14mm 1250lm ADV1  
FWHM / FWTM 98.0 + 69.0° / 151.0 + 135.0°  
Efficiency 89 %  
Peak intensity 0.5 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: 96.0 + 60.0° / 142.0 + 102.0°            Efficiency: 83 %            Peak intensity: 0.5 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON CSP HL1            FWHM / FWTM: 81.0 + 59.0° / 124.0 + 99.0°            Efficiency: 88 %            Peak intensity: 0.7 cd/lm            LEDs/each optic: 5            Light colour: White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NFSWE11A            FWHM / FWTM: 102.0 + 58.0° / 146.0 + 94.0°            Efficiency: 82 %            Peak intensity: 0.5 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED: OSOLON Square CSSRM2/CSSRM3            FWHM / FWTM: 94.0 + 49.5° / 130.5 + 135.0°            Efficiency: 87 %            Peak intensity: 0.6 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	



### OPTICAL RESULTS (SIMULATED):





### 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

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

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