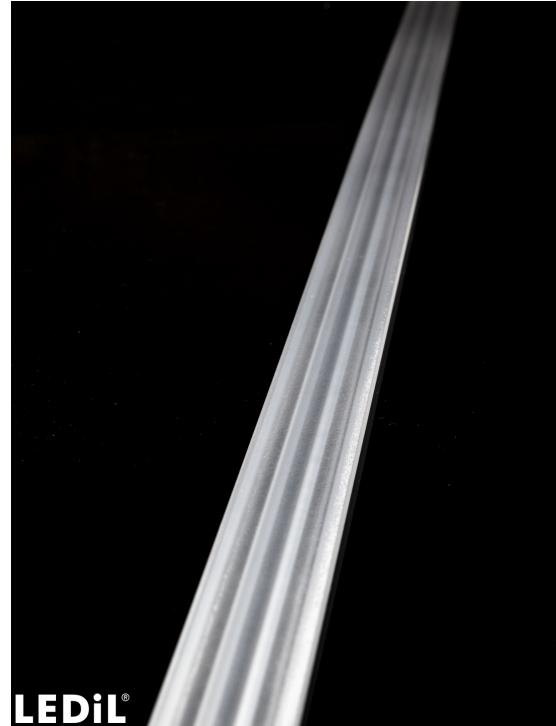


## LINDA-O

~40° + 100° oval beam



### TECHNICAL SPECIFICATIONS:

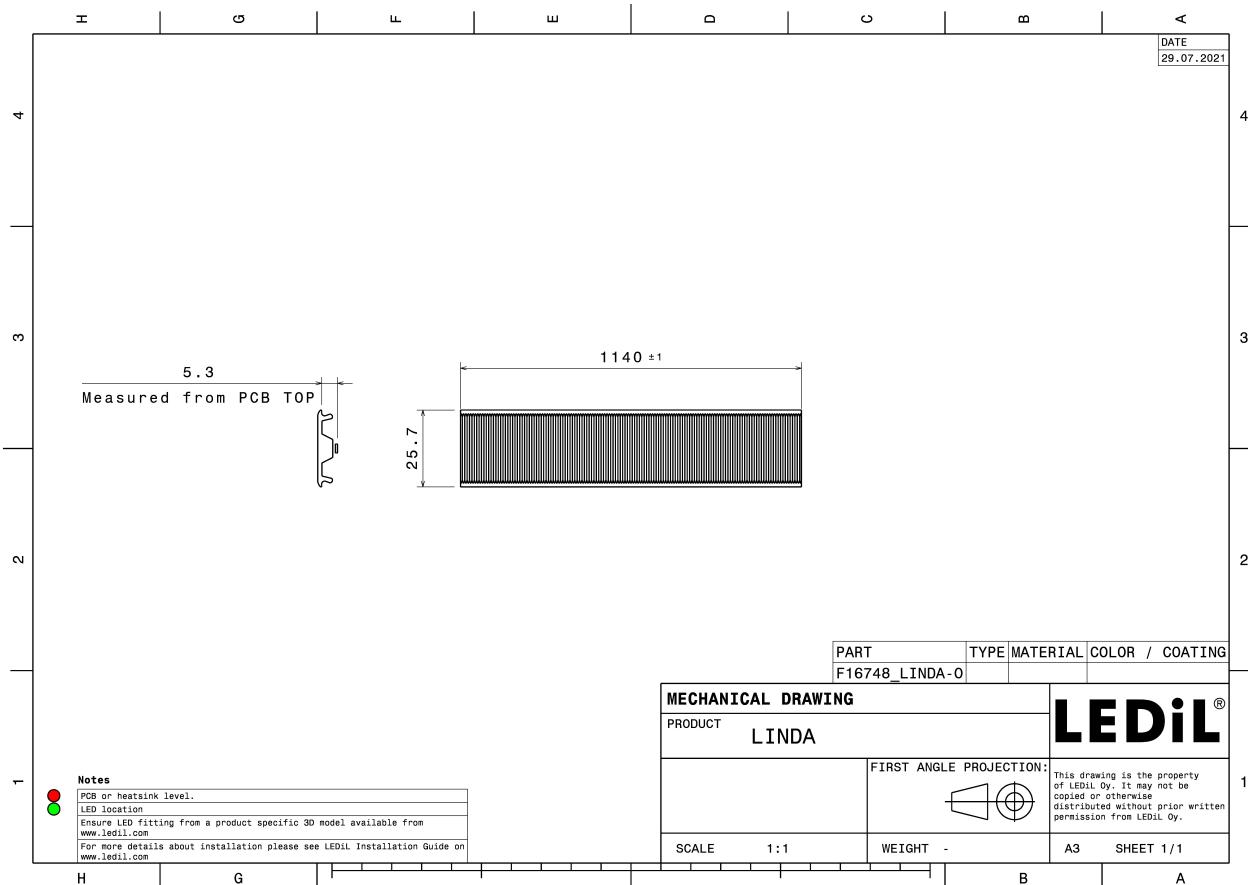
Dimensions	25.7 x 1140.0 mm
Height	5 mm
Fastening	snaps
ROHS compliant	yes 

### MATERIAL SPECIFICATIONS:

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	150	150	150	13.1
» Box size: 1185 x 150 x 115 mm				

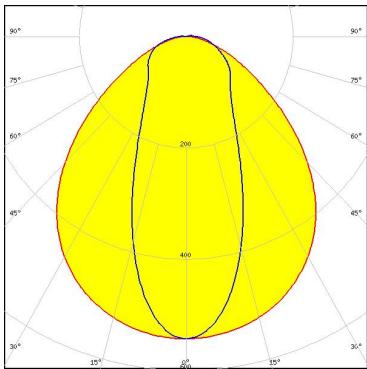


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## PHOTOMETRIC DATA (MEASURED):

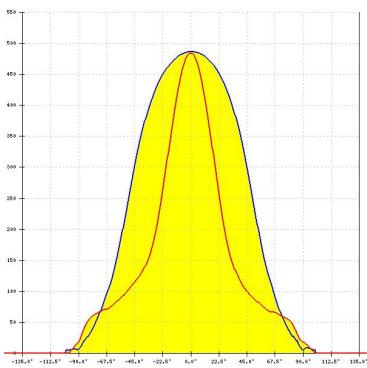
### CITIZEN

LED CLUC11  
 FWHM / FWTM  $99.0 + 44.0^\circ / 147.0 + 148.0^\circ$   
 Efficiency 85 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



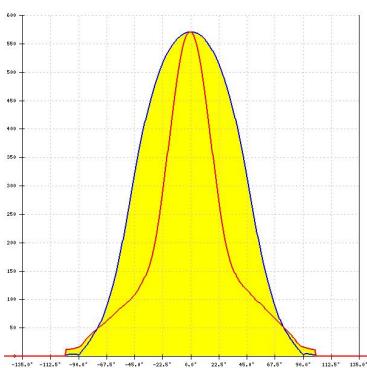
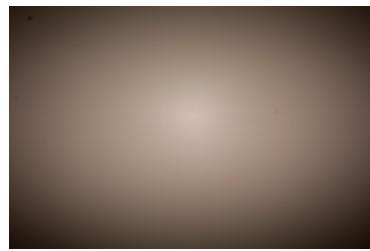
### CREE LED

LED XP-G3  
 FWHM / FWTM  $101.0 + 48.0^\circ / 152.0 + 165.0^\circ$   
 Efficiency 84 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



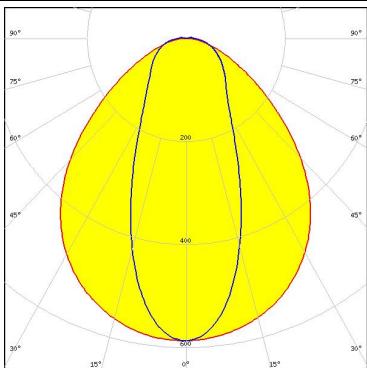
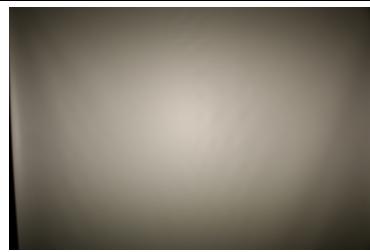
### NICHIA

LED NF2W757G-MT (Tunable White)  
 FWHM / FWTM  $96.0 + 45.0^\circ / 146.0 + 142.0^\circ$   
 Efficiency 88 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:



### NICHIA

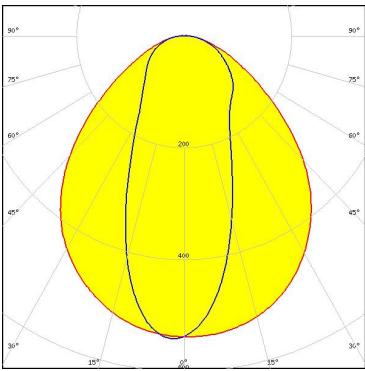
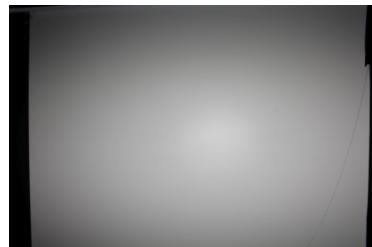
LED NFSW757H  
 FWHM / FWTM  $95.0 + 43.0^\circ / 145.0 + 138.0^\circ$   
 Efficiency 88 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## PHOTOMETRIC DATA (MEASURED):

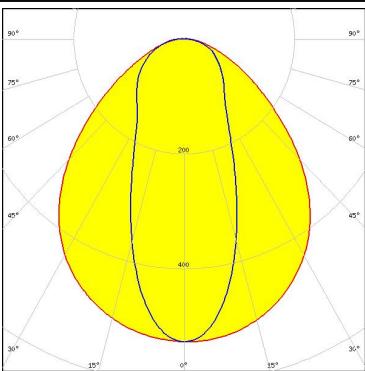
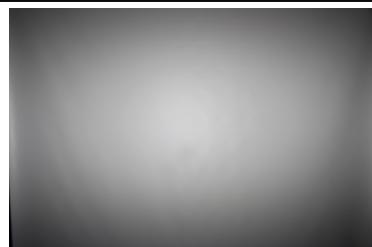
### OSRAM

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:



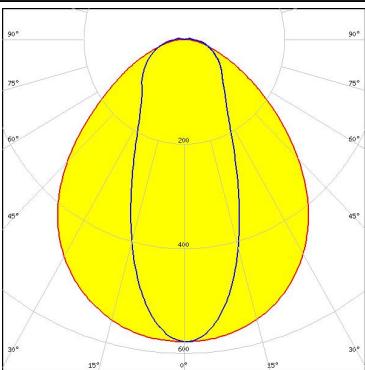
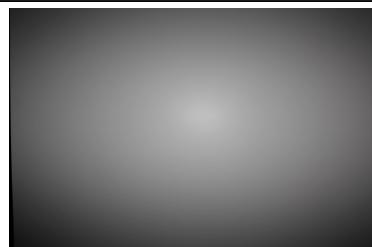
### OSRAM

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:



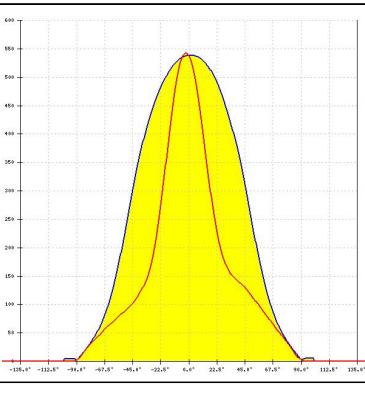
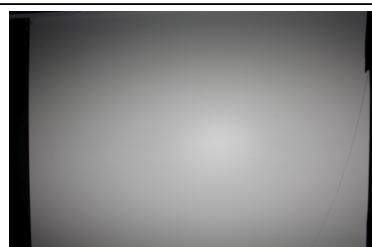
### OSRAM

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 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:



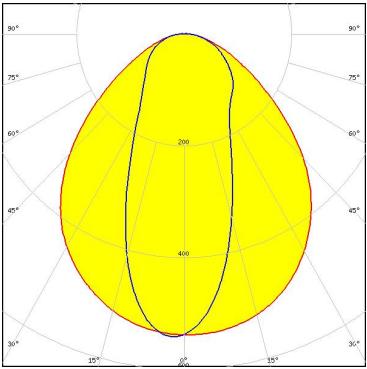
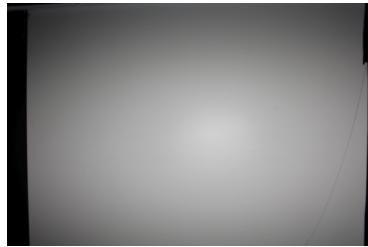
## PHOTOMETRIC DATA (MEASURED):

### 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

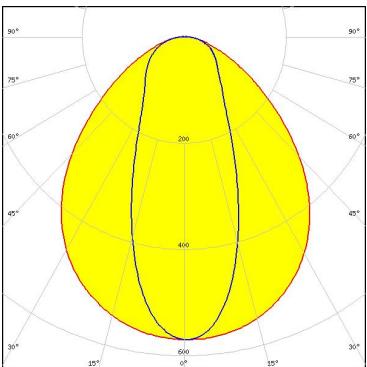
Required components:



### PHILIPS

LED	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4
FWHM / FWTM	95.0 + 42.0° / 145.0 + 135.0°
Efficiency	82 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

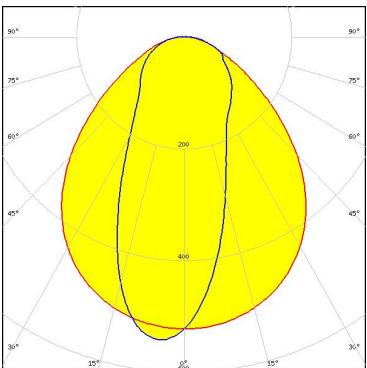
Required components:



### PHILIPS

LED	Fortimo LED Strip 1ft 650lm FC HV4 & LV4
FWHM / FWTM	94.0 + 42.0° / 147.0 + 144.0°
Efficiency	83 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

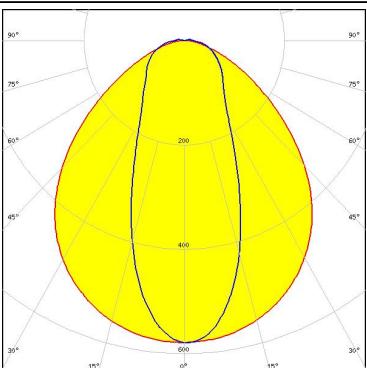
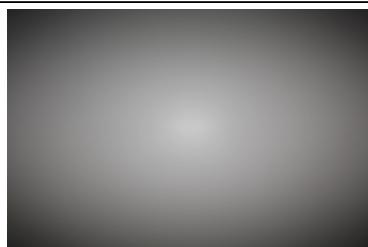
Required components:



### 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

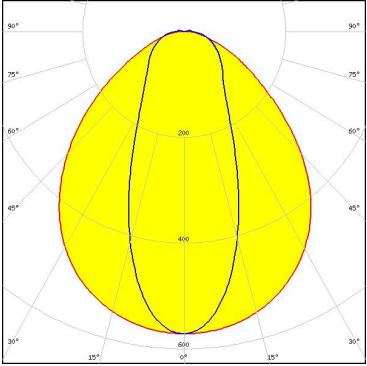
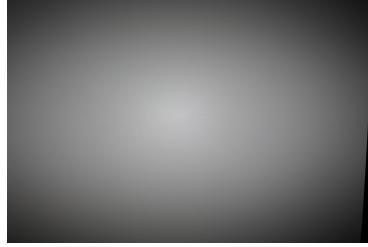
Required components:



## PHOTOMETRIC DATA (MEASURED):

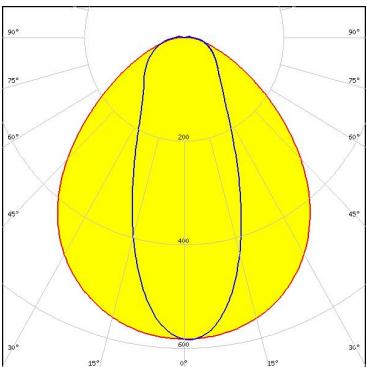
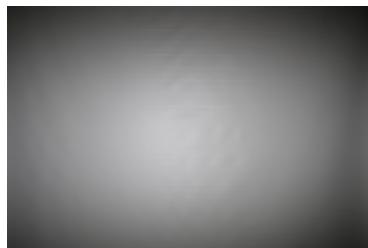
### SAMSUNG

LED LM301B  
 FWHM / FWTM  $96.0 + 43.0^\circ / 146.0 + 139.0^\circ$   
 Efficiency 86 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



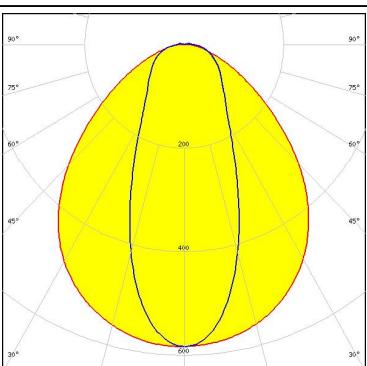
### SAMSUNG

LED LM561C  
 FWHM / FWTM  $96.0 + 43.0^\circ / 146.0 + 138.0^\circ$   
 Efficiency 88 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



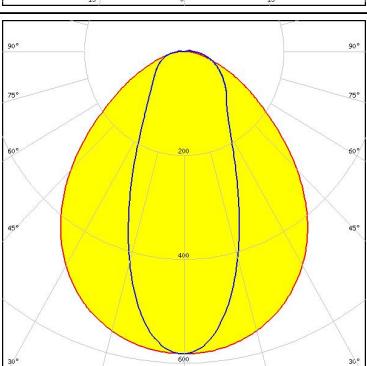
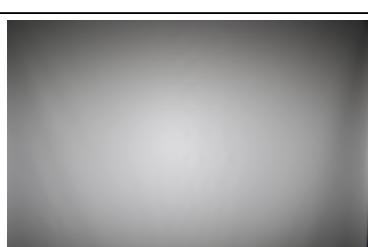
### SAMSUNG

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



### SAMSUNG

LED LT-Q282B  
 FWHM / FWTM  $95.0 + 43.0^\circ / 146.0 + 136.0^\circ$   
 Efficiency 88 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## PHOTOMETRIC DATA (MEASURED):

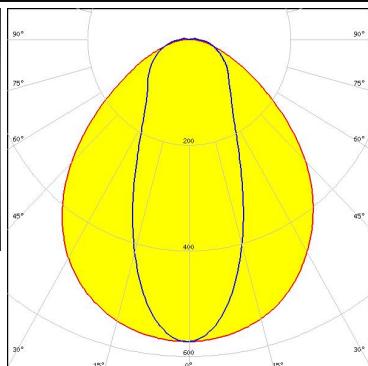
### SAMSUNG

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:



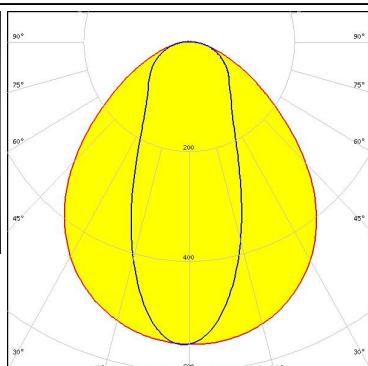
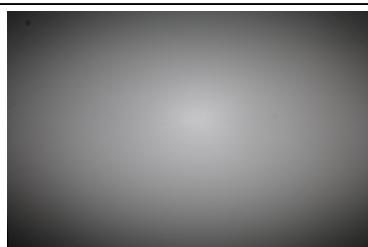
SEOUL SEMICONDUCTOR

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:



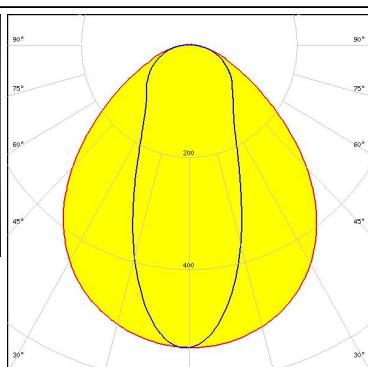
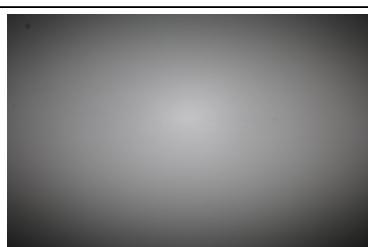
### TRIDONIC

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:



### TRIDONIC

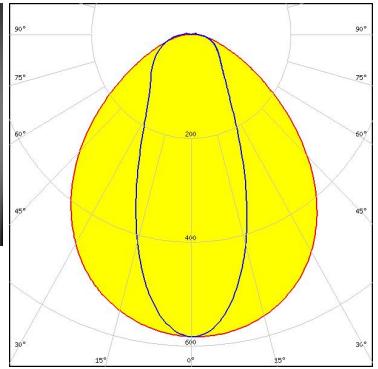
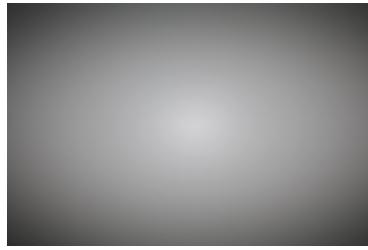
LED LLE 24x280mm 650lm HV ADV5  
 FWHM / FWTM 96.0 + 43.0° / 148.0 + 141.0°  
 Efficiency 83 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## PHOTOMETRIC DATA (MEASURED):

### 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:

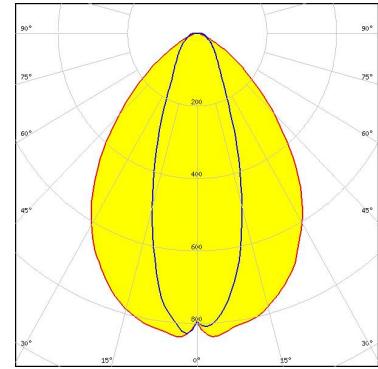


## PHOTOMETRIC DATA (SIMULATED):

### LUMILEDS

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

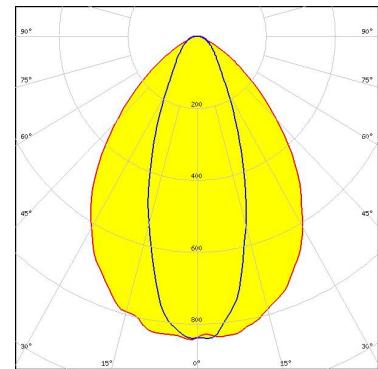
Required components:



### LUMILEDS

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

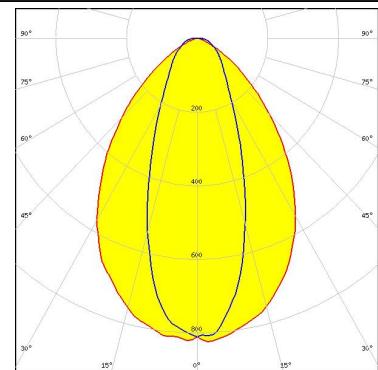
Required components:



### LUMILEDS

LED	LUXEON CSP HL1
FWHM / FWTM	77.0 + 39.0° / 122.0 + 104.0°
Efficiency	89 %
Peak intensity	0.8 cd/lm
LEDs/each optic	5
Light colour	White

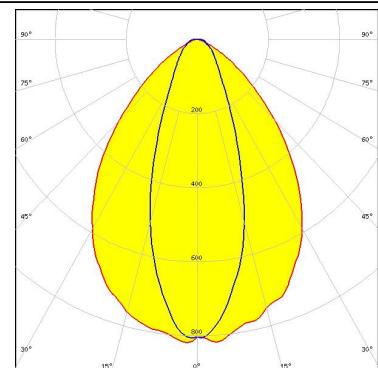
Required components:



### NICHIA

LED	NF2x757G
FWHM / FWTM	80.0 + 36.0° / 122.0 + 84.0°
Efficiency	82 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

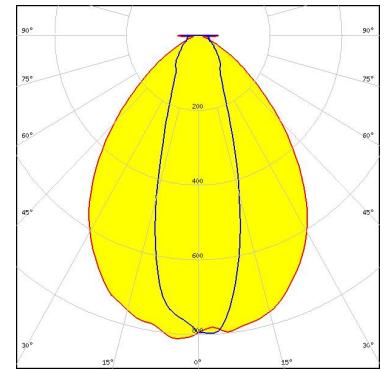
Required components:



## PHOTOMETRIC DATA (SIMULATED):



LED	NFSWE11A
FWHM / FWTM	82.0 + 32.0° / 124.0 + 90.0°
Efficiency	82 %
Peak intensity	0.8 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.

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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