

LINDA-O

~40° + 100° oval beam

SPECIFICATION:

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

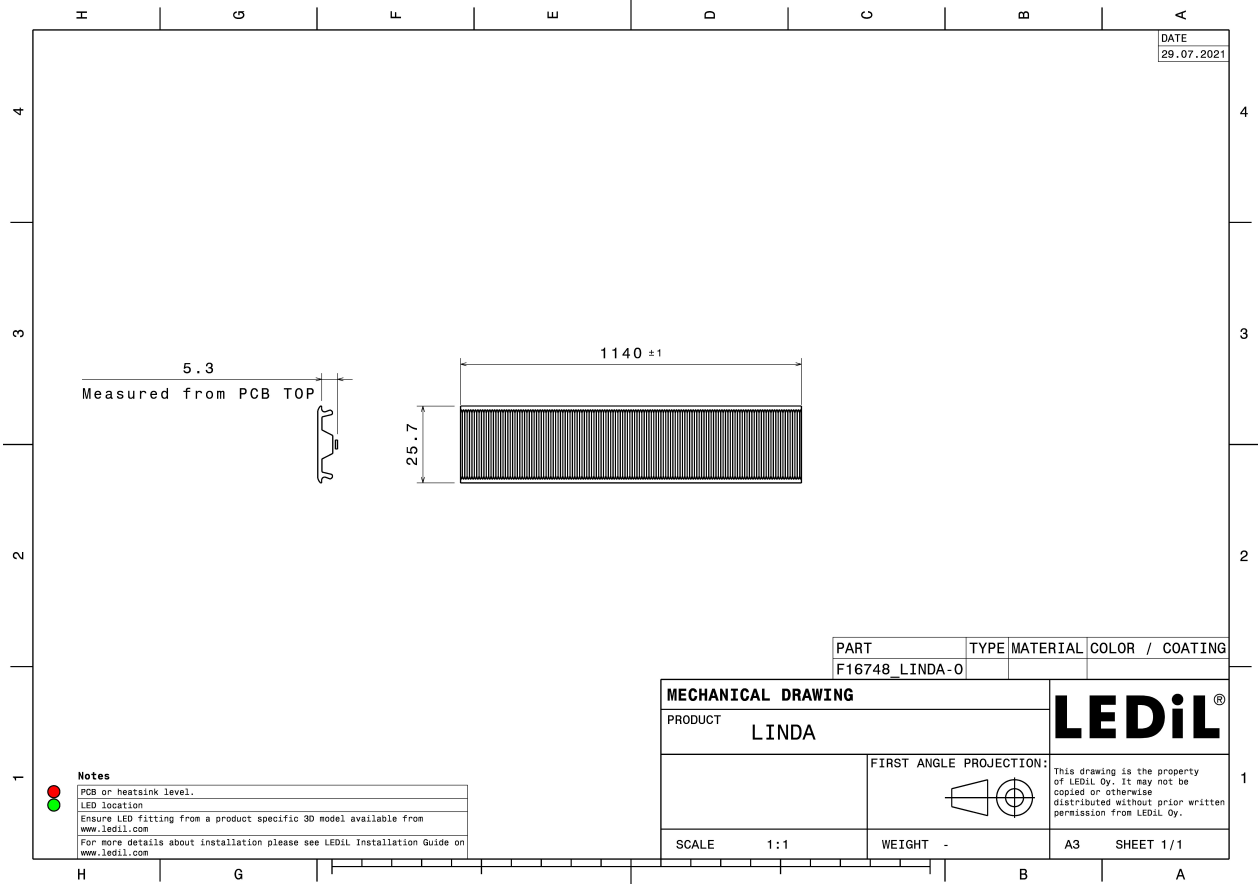
MATERIALS:

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

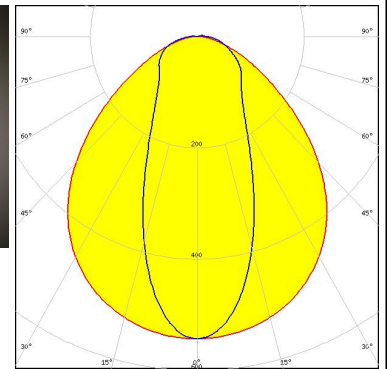
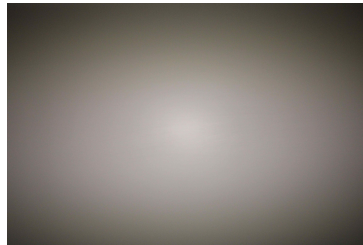


See also our general installation guide: www.ledil.com/installation_guide

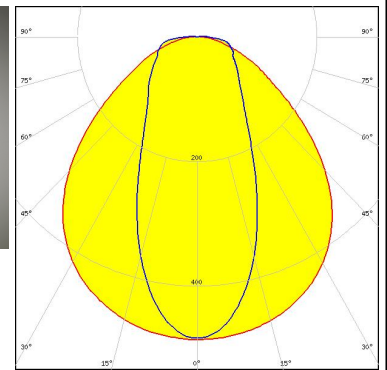
OPTICAL RESULTS (MEASURED):

CITIZEN

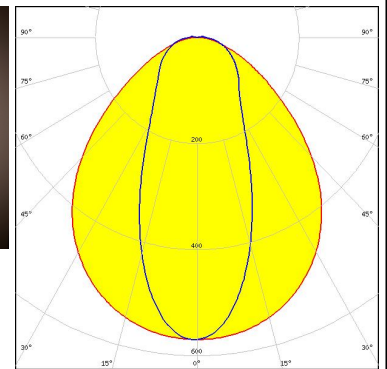
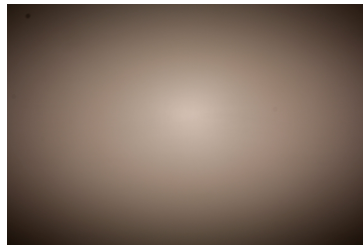
LED CLUC11
 FWHM / FWTM 99.0 + 44.0° / 147.0 + 148.0°
 Efficiency 85 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



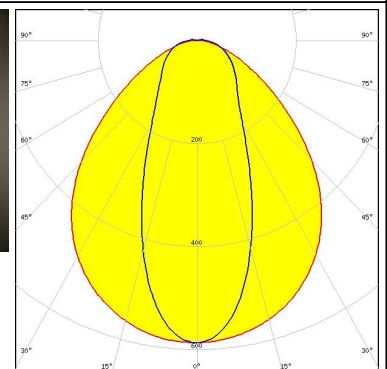
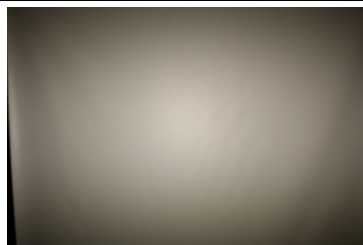
LED XP-G3
 FWHM / FWTM 101.0 + 48.0° / 152.0 + 165.0°
 Efficiency 84 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



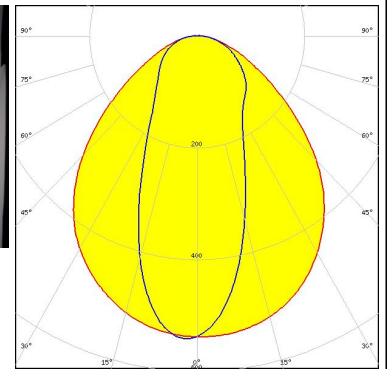
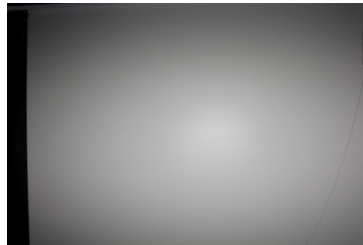
LED NFSW757H
 FWHM / FWTM 95.0 + 43.0° / 145.0 + 138.0°
 Efficiency 88 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

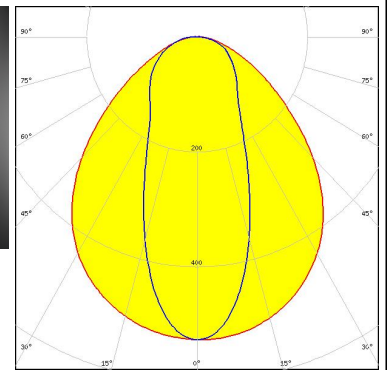
OSRAM

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:



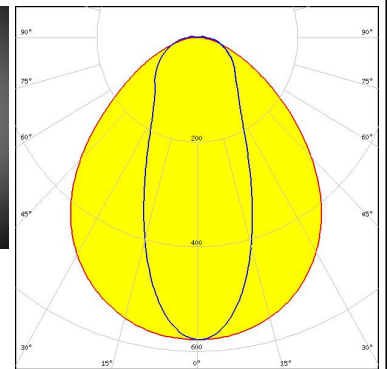
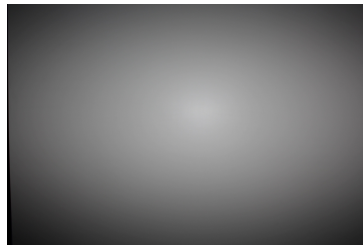
OSRAM

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:



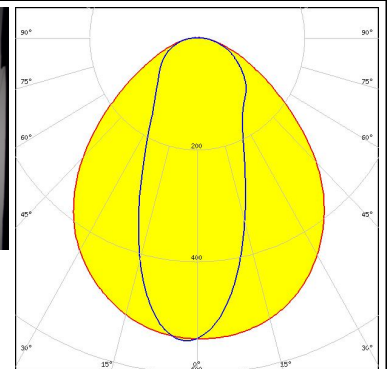
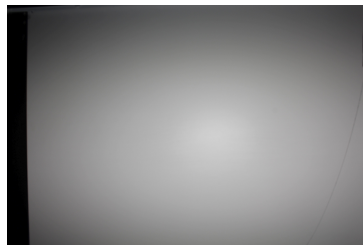
OSRAM Opto Semiconductors

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:

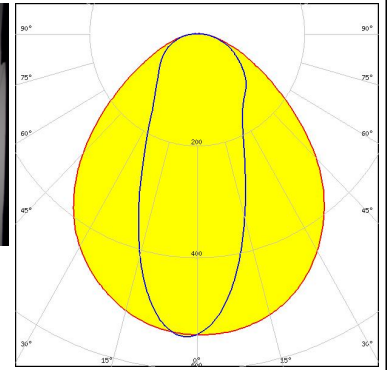
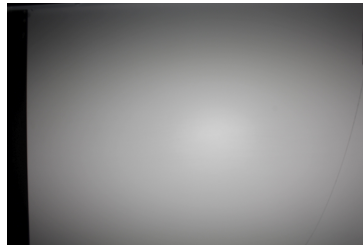


OPTICAL RESULTS (MEASURED):

OSRAM

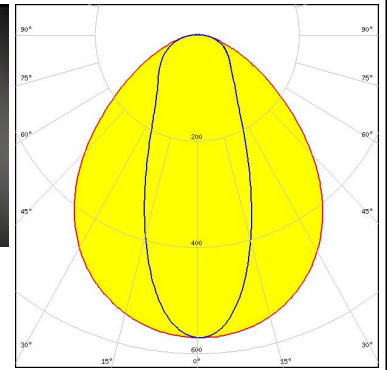
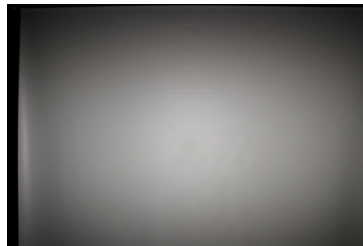
Opto Semiconductors

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:



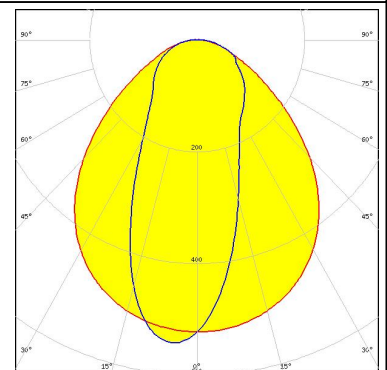
PHILIPS

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:



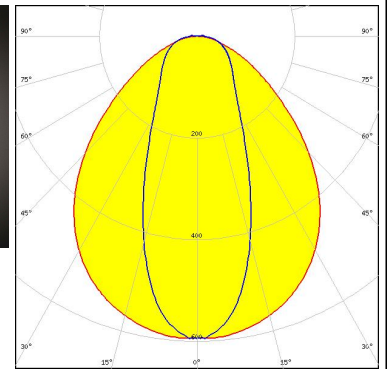
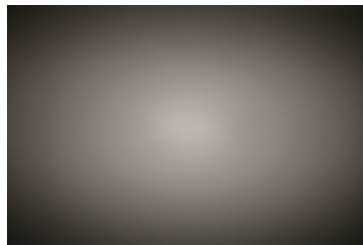
PHILIPS

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:



PHILIPS

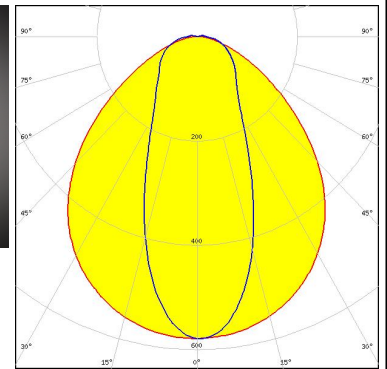
LED Fortimo LED Strip 1ft 650lm FC HV5 & LV5
 FWHM / FWTM 94.0 + 42.0° / 145.0 + 134.0°
 Efficiency 88 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

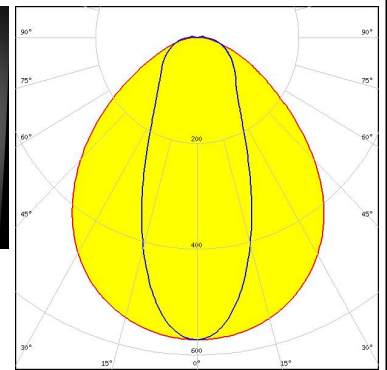
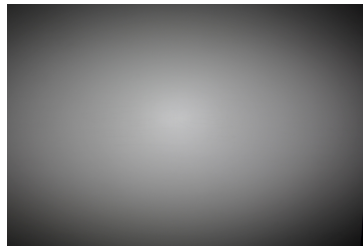
SAMSUNG

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:



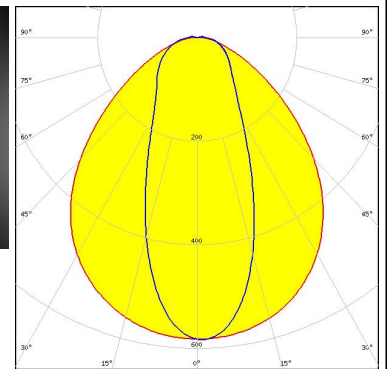
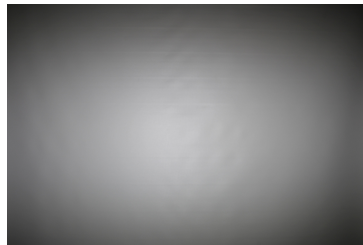
SAMSUNG

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:



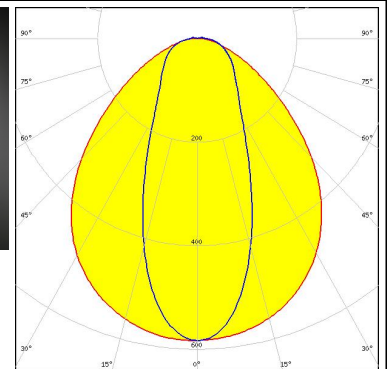
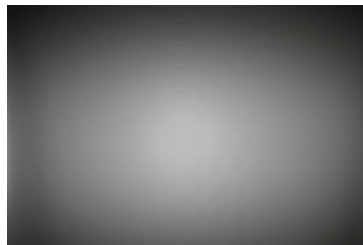
SAMSUNG

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

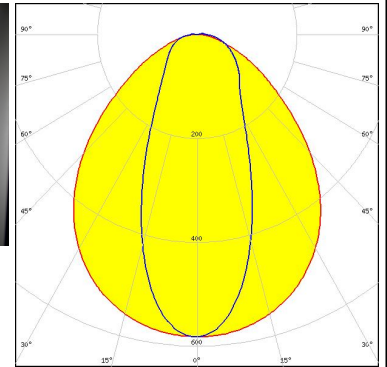
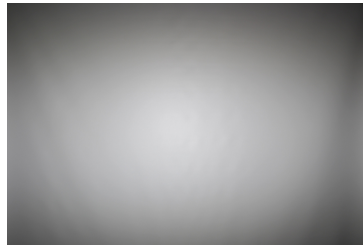
LED LT-H282C
 FWHM / FWTM 95.0 + 42.0° / 145.0 + 136.0°
 Efficiency 88 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

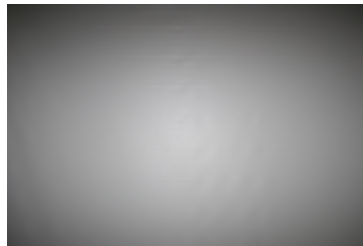
SAMSUNG

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:

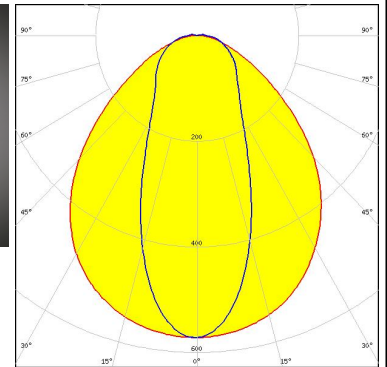
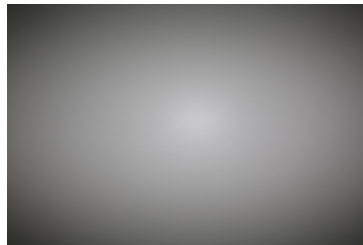


SAMSUNG

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:

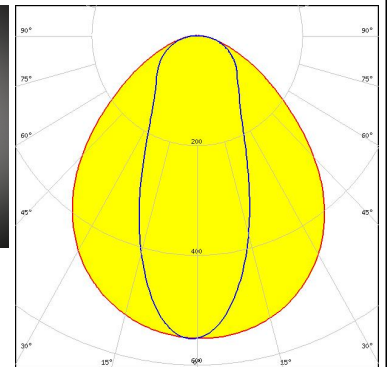
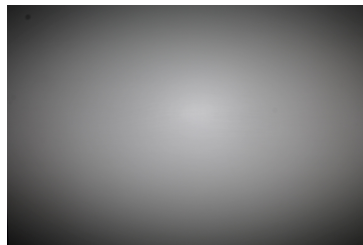


LED SEOUL DC 3528
 FWHM / FWTM 96.0 + 43.0° / 146.0 + 143.0°
 Efficiency 88 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



TRIDONIC

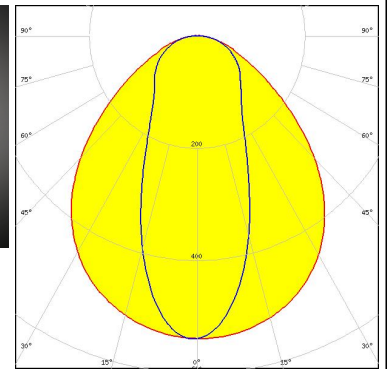
LED LLE 24x280mm 1250lm HV ADV5
 FWHM / FWTM 96.0 + 43.0° / 146.0 + 139.0°
 Efficiency 83 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

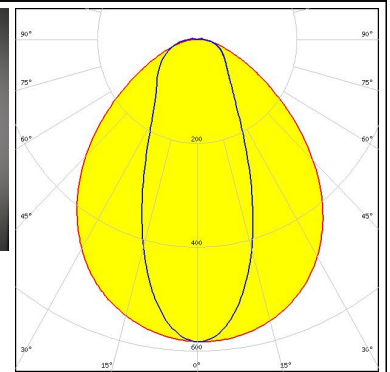
TRIDONIC

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:


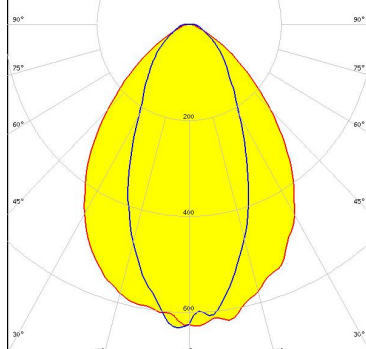

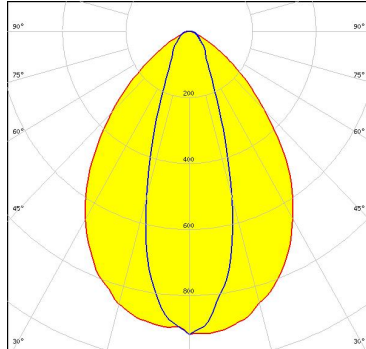

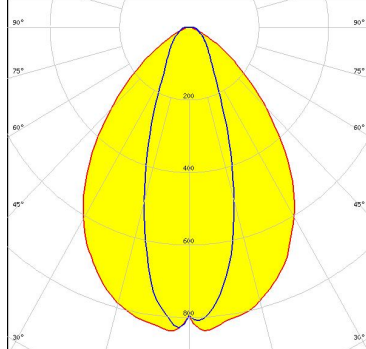

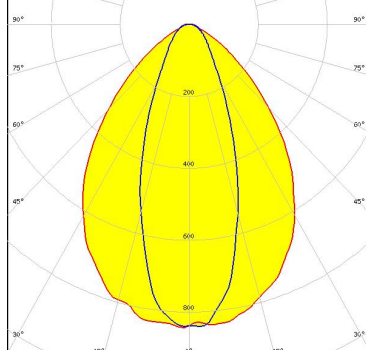


TRIDONIC

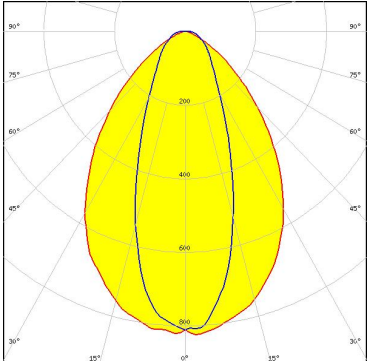
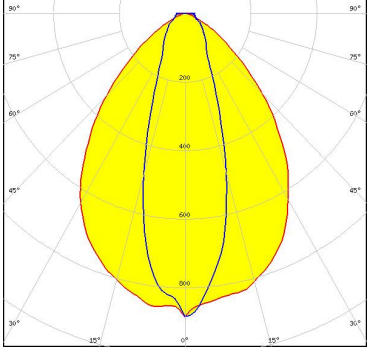
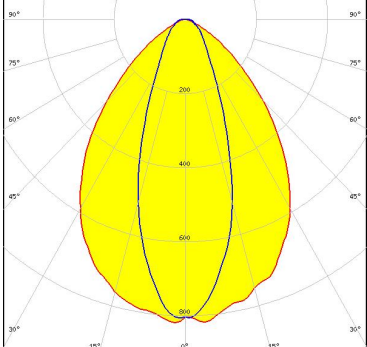
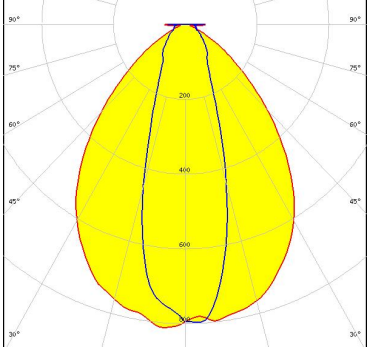
LED LLE FLEX CC 14mm 1250lm ADV1
FWHM / FWTM 95.0 + 43.0° / 145.0 + 133.0°
Efficiency 86 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

<p> bridgelux</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> LUMILEDS</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> LUMILEDS</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> LUMILEDS</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):

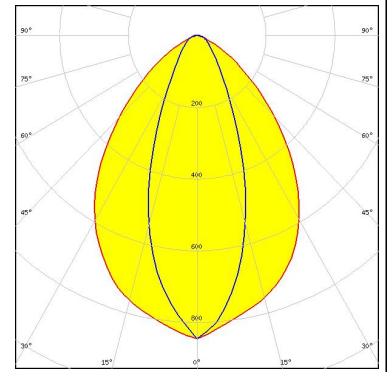
<p>LUMILEDS</p> <p>LED LUXEON CSP HL1 FWHM / FWTM 77.0 + 39.0° / 122.0 + 104.0° Efficiency 89 % Peak intensity 0.8 cd/lm LEDs/each optic 5 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NCSxE17A FWHM / FWTM 80.0 + 32.0° / 122.0 + 85.0° Efficiency 84 % Peak intensity 0.9 cd/lm LEDs/each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

OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

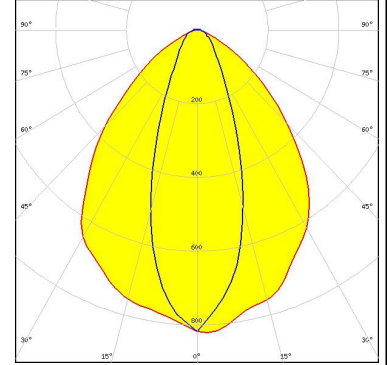
LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 80.0 + 40.0° / 124.0 + 80.0°
 Efficiency 86 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

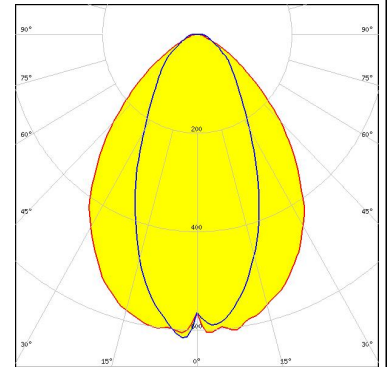
Opto Semiconductors

LED OSLOM SSL 150
 FWHM / FWTM 84.0 + 36.0° / 128.0 + 80.0°
 Efficiency 86 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour Far Red
 Required components:



SEOUL SEMICONDUCTOR

LED SEOUL DC 5050 6V
 FWHM / FWTM 82.0 + 48.0° / 124.0 + 114.0°
 Efficiency 80 %
 Peak intensity 0.6 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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LEDiL Oy

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P.R.CHINA

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where_to_buy](http://www.ledil.com/where_to_buy)

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Hong Kong, China

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