

LINNEA-O

~35° + 70° oval beam optimized for 1.0 mm metal sheet or profile. Variant made from PC.



TECHNICAL SPECIFICATIONS:

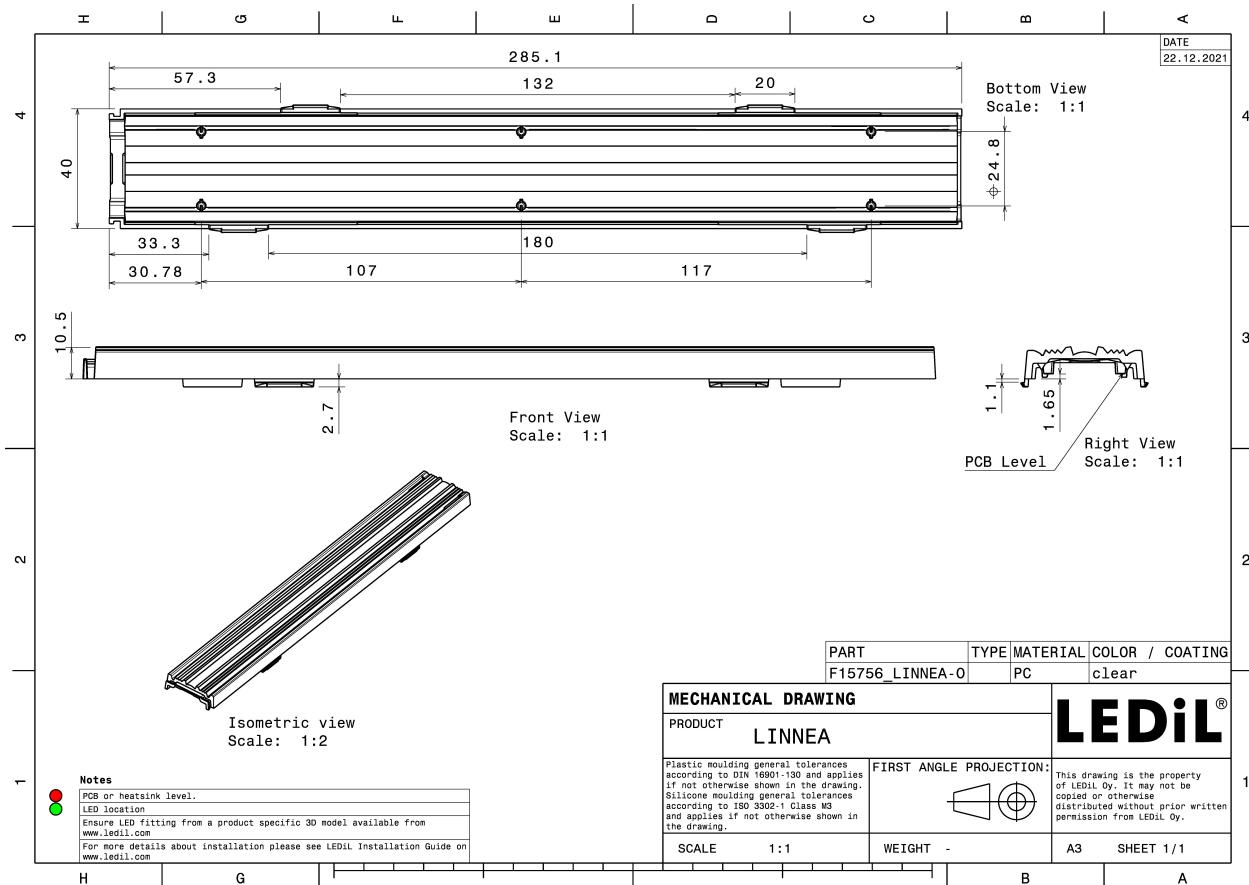
Dimensions	285.0 x 40.0 mm
Height	10.5 mm
Fastening	pin
ROHS compliant	yes 

MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F15756_LINNEA-O	153	36	36	7.3

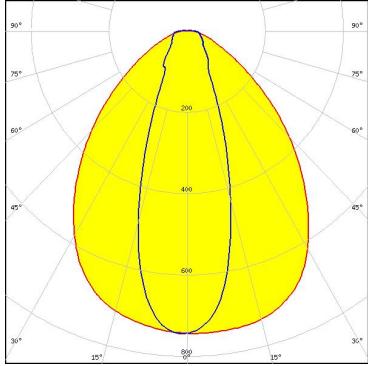
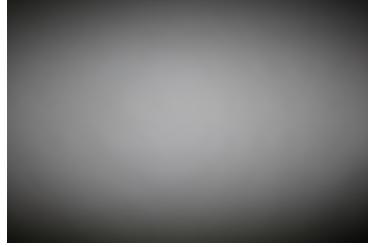


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

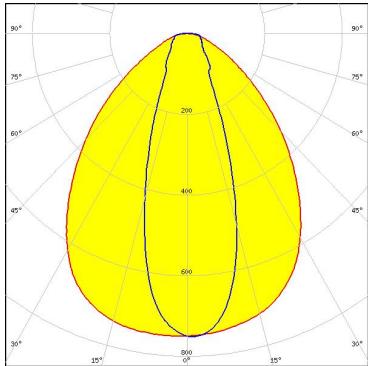
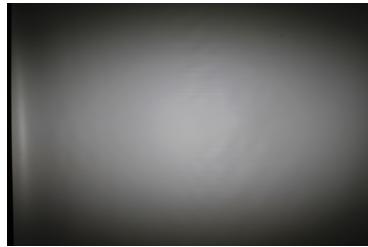
aled

LED CALOSNU405-M7W1
FWHM / FWTM 88.0 + 35.0° / 137.0 + 84.0°
Efficiency 82 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



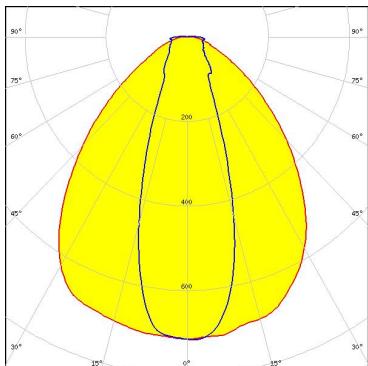
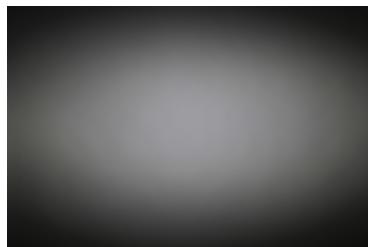
aled

LED CALOSNU410-M7W1
FWHM / FWTM 88.0 + 35.0° / 136.0 + 83.0°
Efficiency 82 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



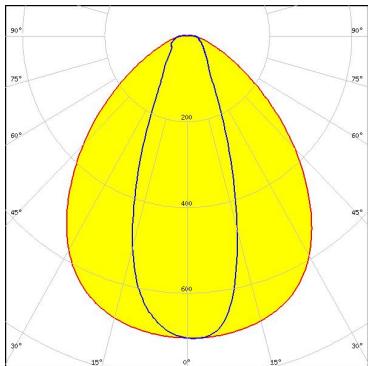
CREE → LED

LED XP-E
FWHM / FWTM 90.0 + 35.0° / 138.0 + 86.0°
Efficiency 81 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



Helvar

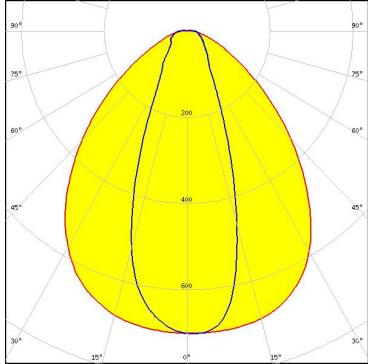
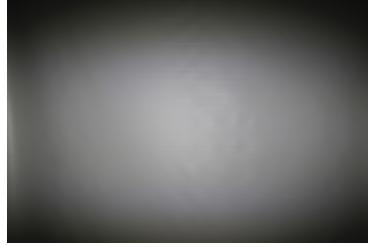
LED L-iC-282-827-865-011A
FWHM / FWTM 91.0 + 39.0° / 139.0 + 84.0°
Efficiency 83 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

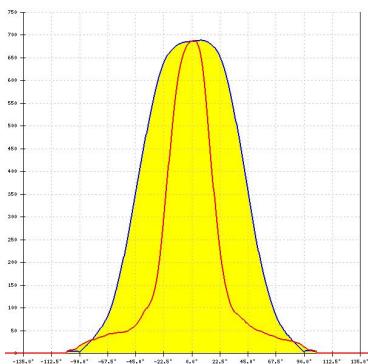
Helvar

LED LP-282-840-009A 60/300
 FWHM / FWTM 91.0 + 39.0° / 139.0 + 85.0°
 Efficiency 83 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



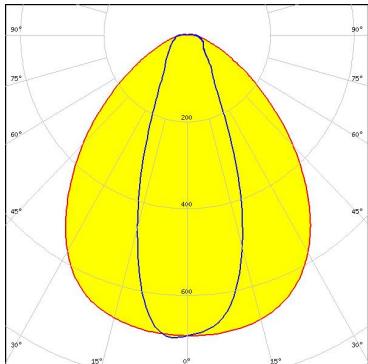
Helvar

LED LS-282-840-011A
 FWHM / FWTM 92.0 + 39.0° / 140.0 + 86.0°
 Efficiency 82 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



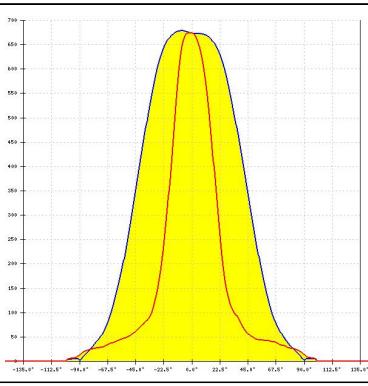
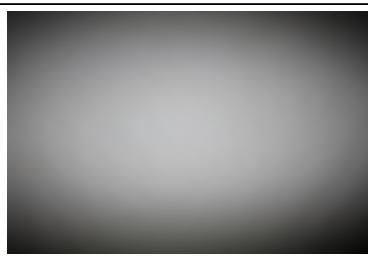
Helvar

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:



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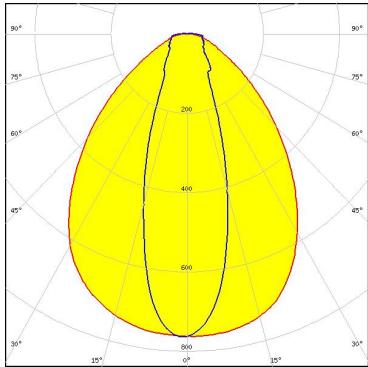
LED LinLED 280x24mm 1100lm 830 2C 30V LINNEA-GC G1
 FWHM / FWTM 91.0 + 39.0° / 139.0 + 84.0°
 Efficiency 82 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



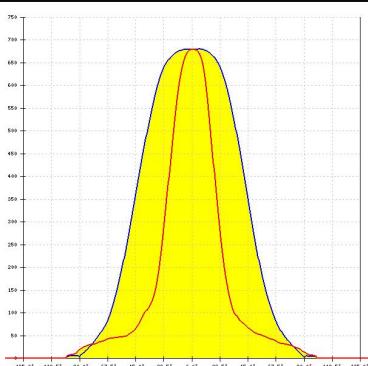
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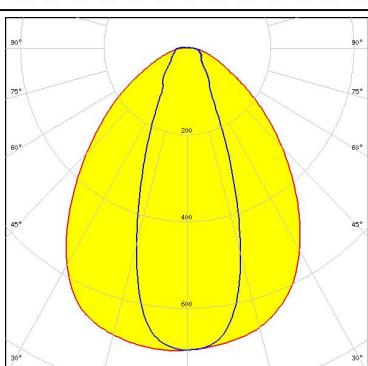
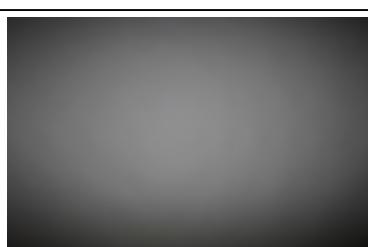
LED NF2x757G
 FWHM / FWTM 86.0 + 33.0° / 136.0 + 84.0°
 Efficiency 82 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



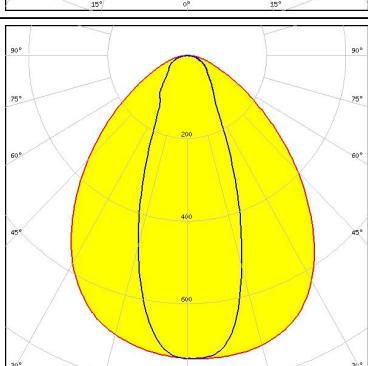
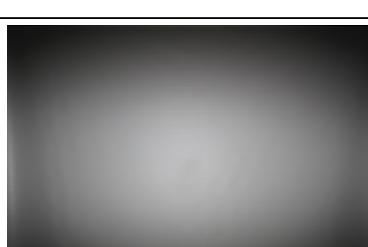
LED NFSW757H
 FWHM / FWTM 92.0 + 41.0° / 140.0 + 89.0°
 Efficiency 85 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



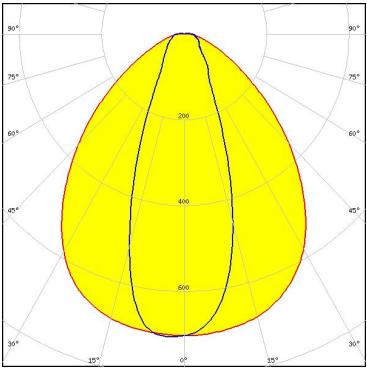
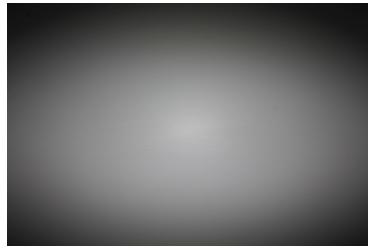
LED PL-LIN-IND-Z1 2800 560x24
 FWHM / FWTM 91.0 + 39.0° / 140.0 + 94.0°
 Efficiency 87 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

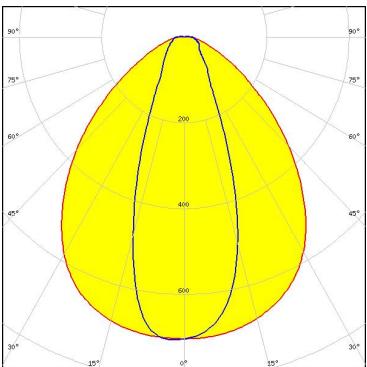
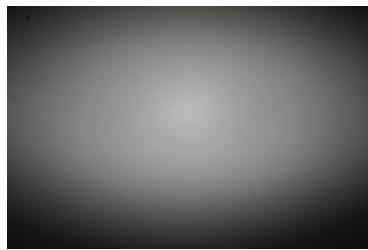
OSRAM

LED PL-LIN-Z5 1100 280x20
FWHM / FWTM 91.0 + 38.0° / 139.0 + 85.0°
Efficiency 83 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



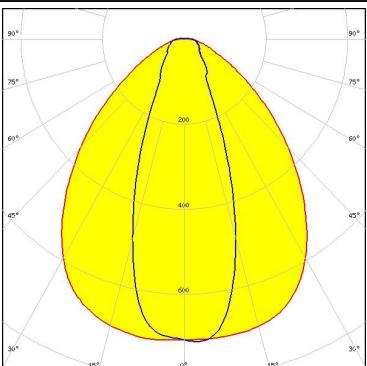
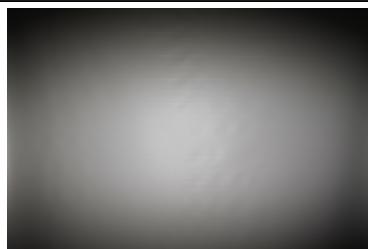
OSRAM

LED PL-LIN-Z5 2000 280x20
FWHM / FWTM 92.0 + 39.0° / 140.0 + 85.0°
Efficiency 83 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



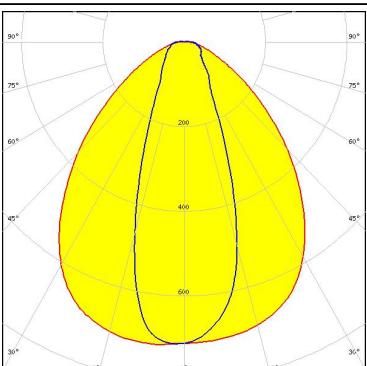
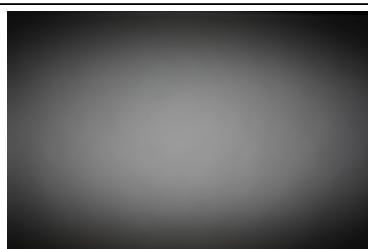
OSRAM

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

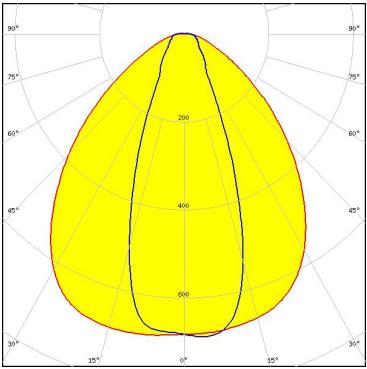
Opto Semiconductors
LED Duris S5 (Single chip)
FWHM / FWTM 91.0 + 38.0° / 139.0 + 88.0°
Efficiency 85 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

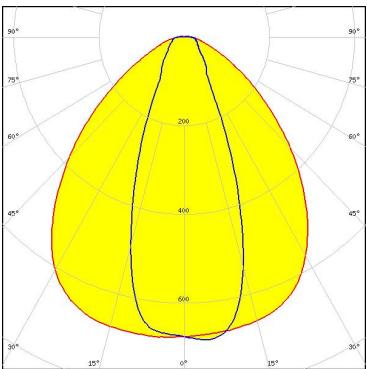
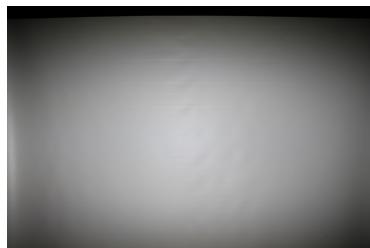
PHILIPS

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:



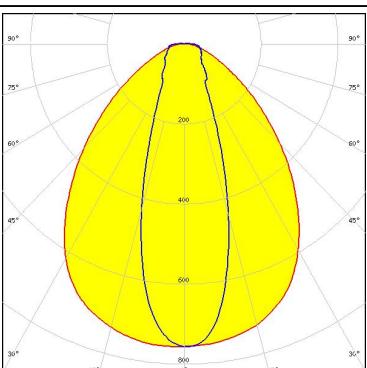
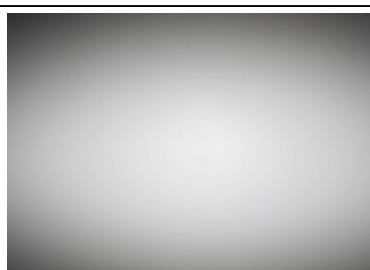
PHILIPS

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:



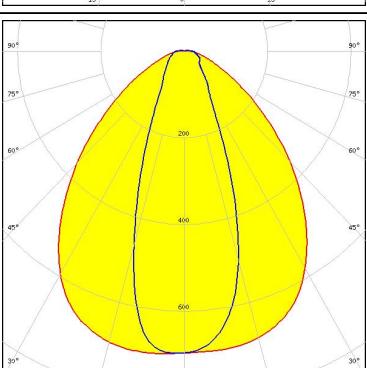
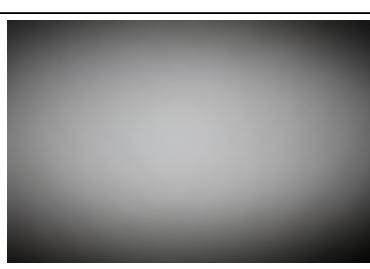
SAMSUNG

LED LM28xB Series
 FWHM / FWTM 88.0 + 33.0° / 137.0 + 84.0°
 Efficiency 83 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

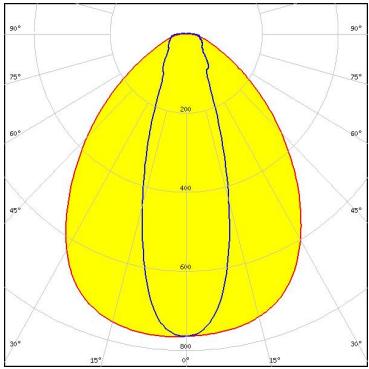
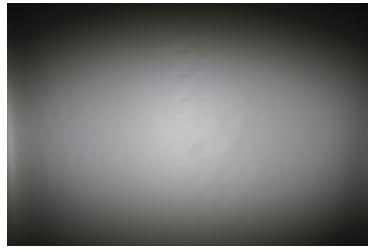
LED LM561B Plus
 FWHM / FWTM 91.0 + 39.0° / 139.0 + 84.0°
 Efficiency 82 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

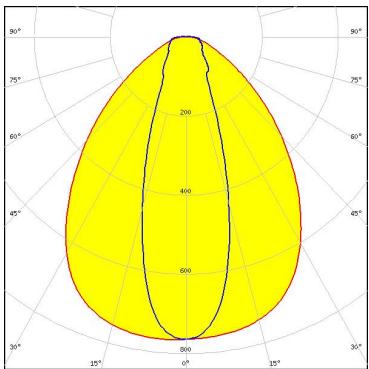
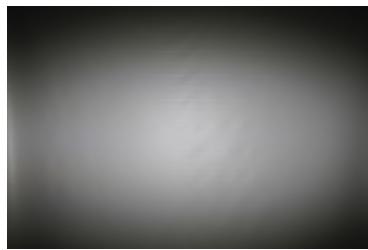
SAMSUNG

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



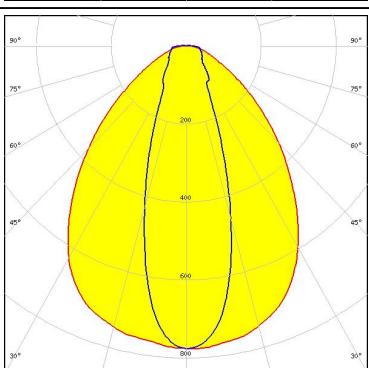
SAMSUNG

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



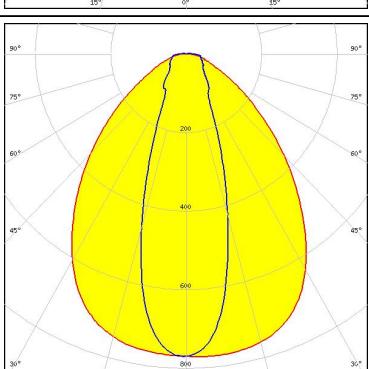
SAMSUNG

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



SAMSUNG

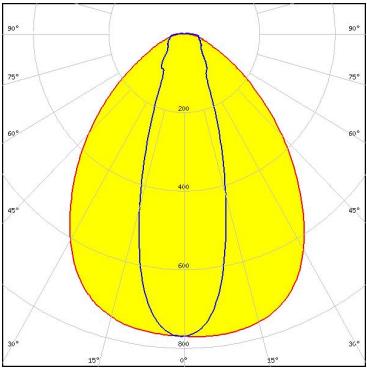
LED LT-S282H
 FWHM / FWTM $87.0 + 33.0^\circ / 136.0 + 84.0^\circ$
 Efficiency 83 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

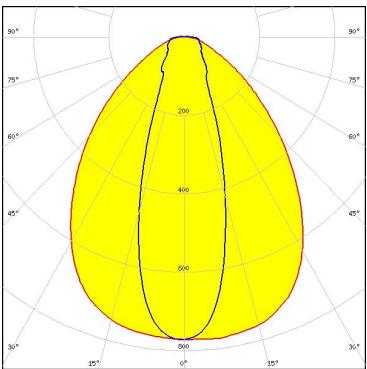
SAMSUNG

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



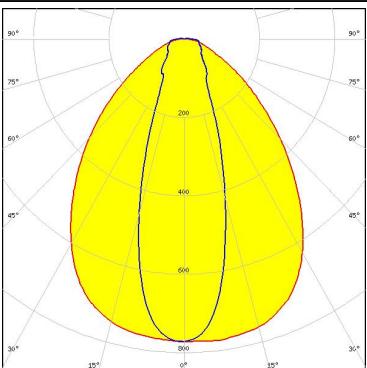
SAMSUNG

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



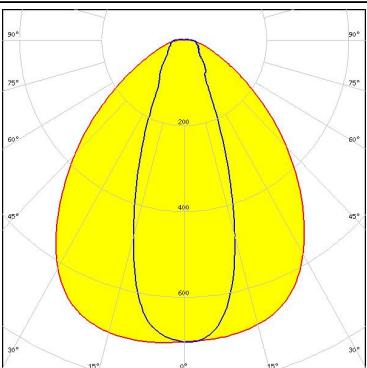
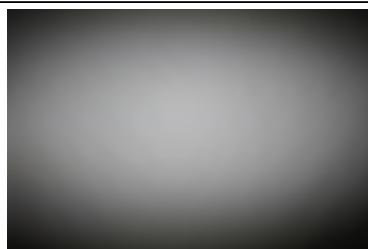
SAMSUNG

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

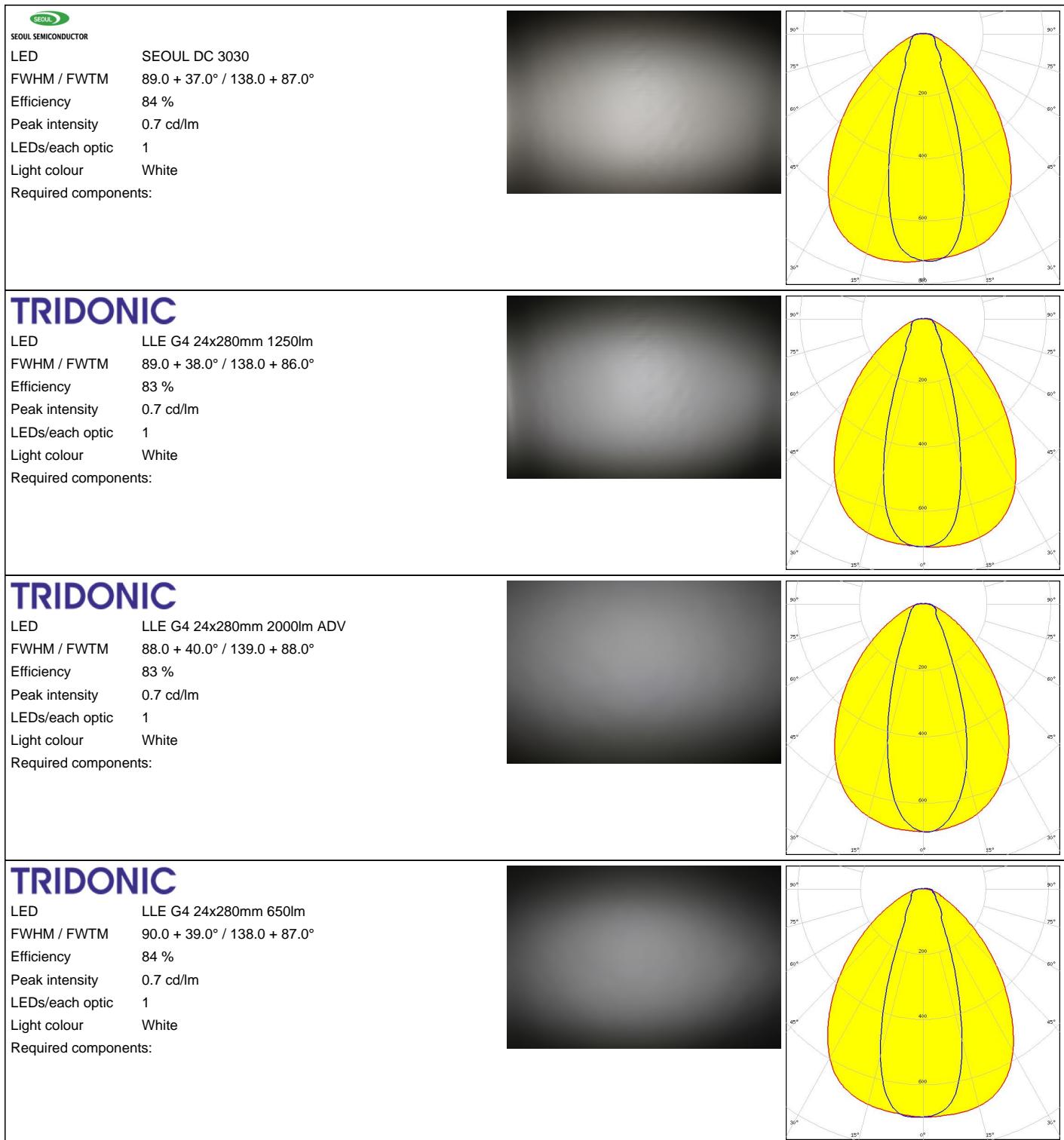


 SEOUL SEMICONDUCTOR

LED SEOUL 5630D
 FWHM / FWTM $91.0 + 38.0^\circ / 139.0 + 86.0^\circ$
 Efficiency 82 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):



PHOTOMETRIC DATA (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.

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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