

LINNEA-O

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

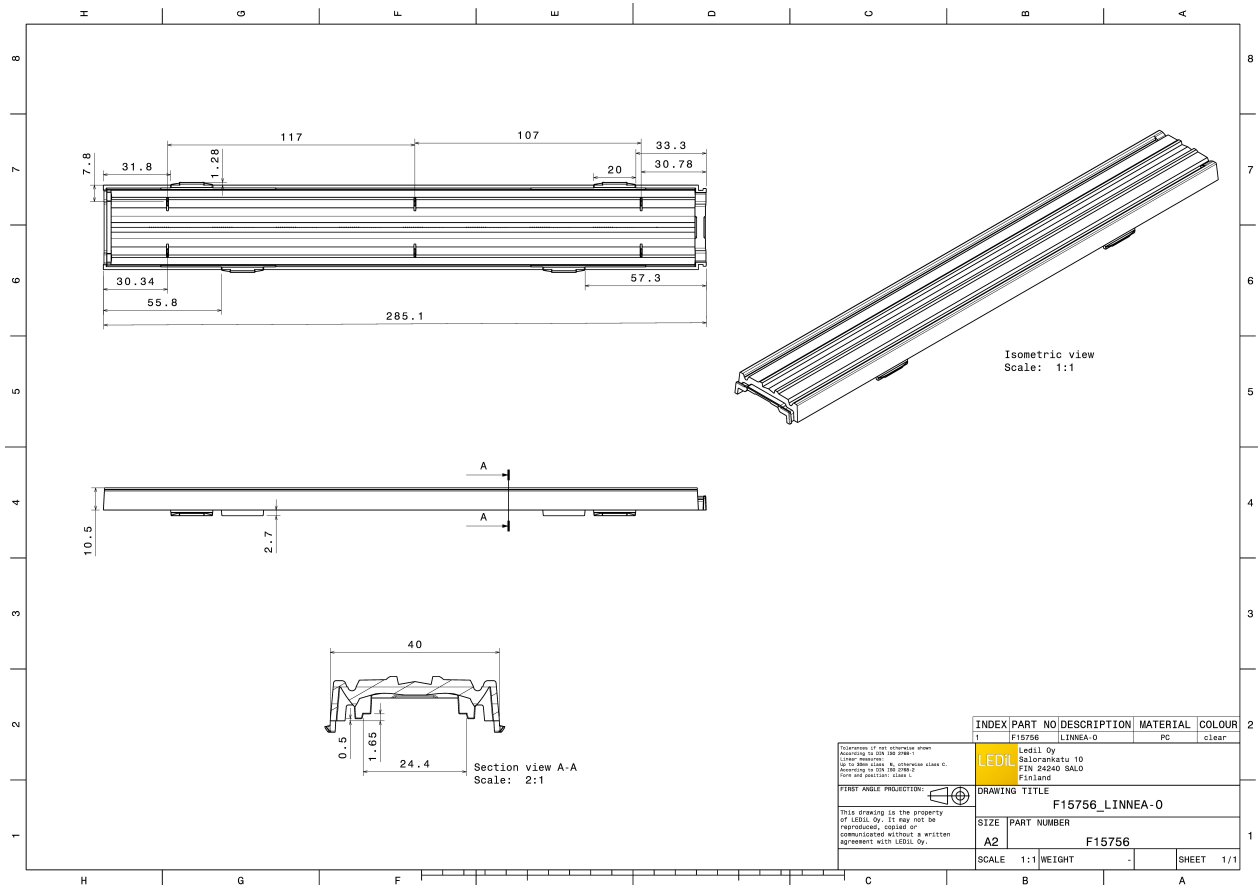
TECHNICAL SPECIFICATIONS:

Dimensions	285.0 x 40.0 mm
Height	10.5 mm
Fastening	pin
Colour	clear
Box size	578 x 378 x 295 mm
Box weight	7.3 kg
Quantity in Box	180 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

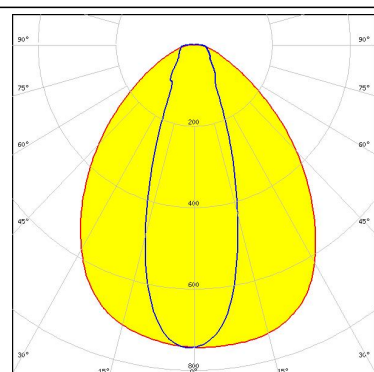
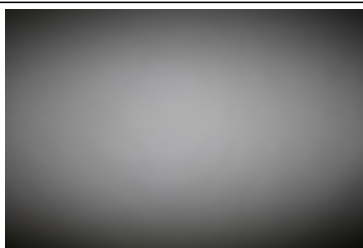
Component	Type	Material	Colour
LINNEA-O	Linear lens	PC	clear



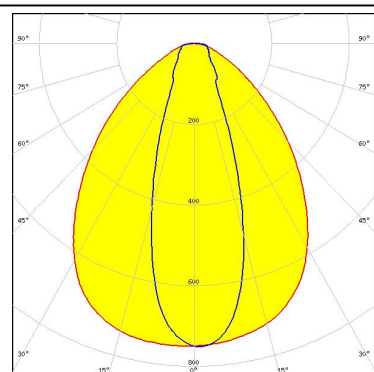
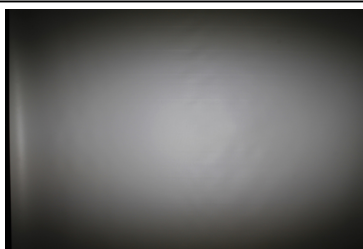
PHOTOMETRIC DATA (MEASURED):



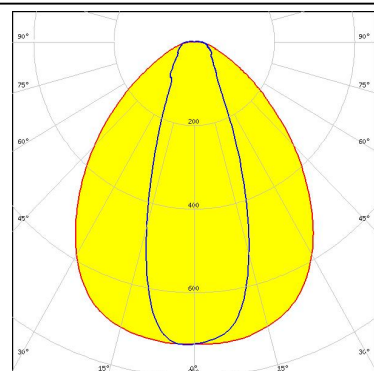
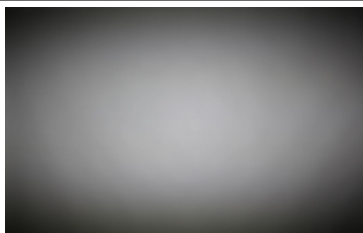
LED CALOSNU405-M7W1
 FWHM 88.0 + 35.0°
 Efficiency 82 %
 Peak intensity 0.750 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



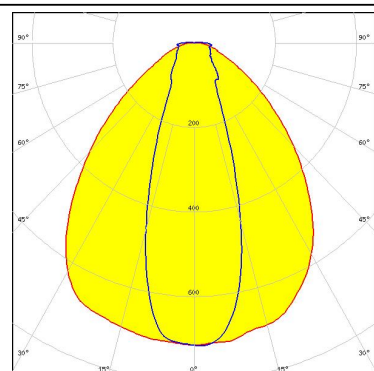
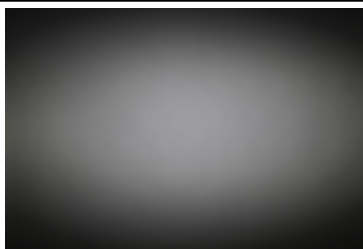
LED CALOSNU410-M7W1
 FWHM 88.0 + 35.0°
 Efficiency 82 %
 Peak intensity 0.750 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Tridino 1ft 1100lm xxxHE 1R HV
 FWHM 89.0 + 38.0°
 Efficiency 84 %
 Peak intensity 0.730 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



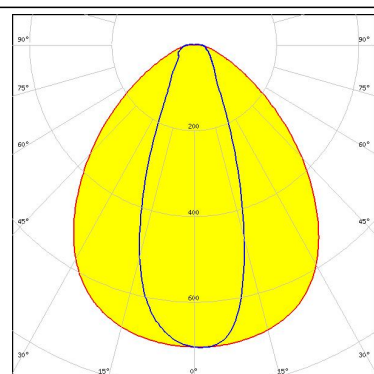
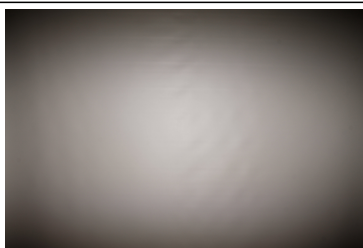
LED XP-E
 FWHM 90.0 + 35.0°
 Efficiency 81 %
 Peak intensity 0.720 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

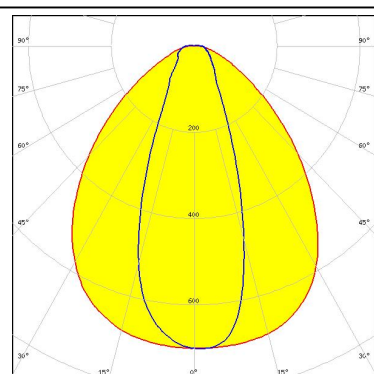
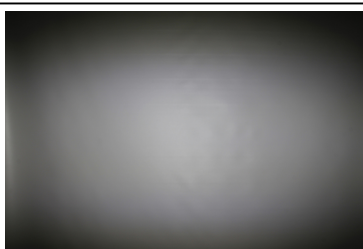
Helvar

LED L-iC-282-827-865-011A
FWHM 91.0 + 39.0°
Efficiency 83 %
Peak intensity 0.710 cd/lm
LEDs/each optic 1
Light colour White
Required components:



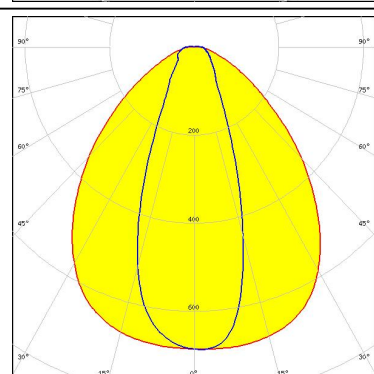
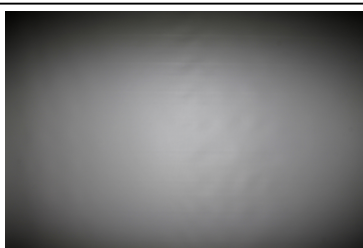
Helvar

LED LP-282-840-009A 60/300
FWHM 91.0 + 39.0°
Efficiency 83 %
Peak intensity 0.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



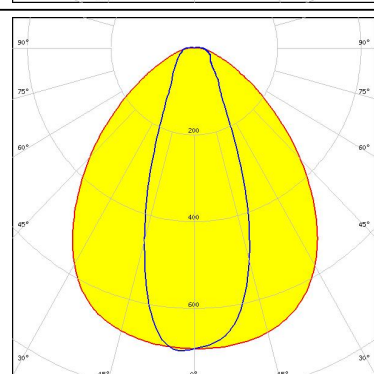
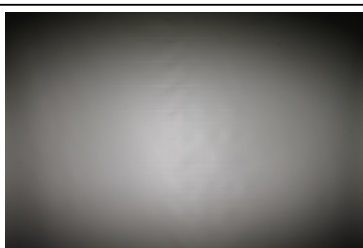
Helvar

LED LS-282-840-011A
FWHM 92.0 + 39.0°
Efficiency 82 %
Peak intensity 0.690 cd/lm
LEDs/each optic 1
Light colour White
Required components:



Helvar

LED LX-282-840-023A
FWHM 91.0 + 39.0°
Efficiency 83 %
Peak intensity 0.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:

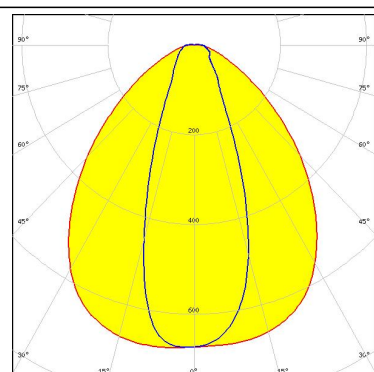
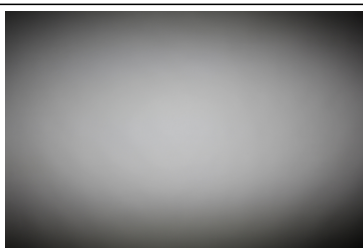


PHOTOMETRIC DATA (MEASURED):

MST

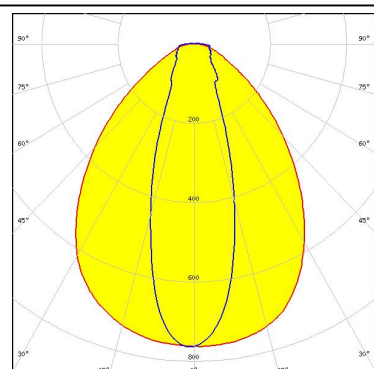
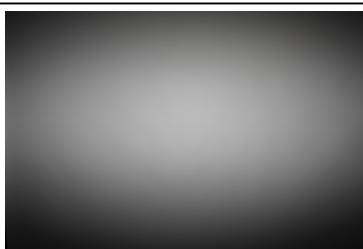
Your solutions

LED LinLED 280x24mm 1100lm 8x0 4C 30V Opt G1
FWHM 91.0 + 39.0°
Efficiency 82 %
Peak intensity 0.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



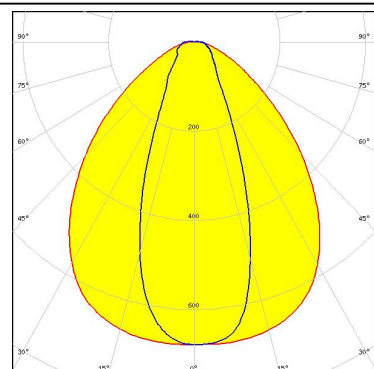
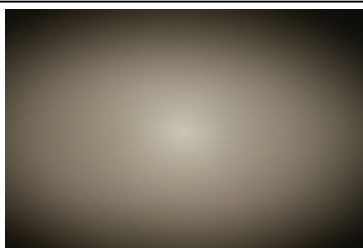
NICHIA

LED NF2x757G
FWHM 86.0 + 33.0°
Efficiency 82 %
Peak intensity 0.770 cd/lm
LEDs/each optic 1
Light colour White
Required components:



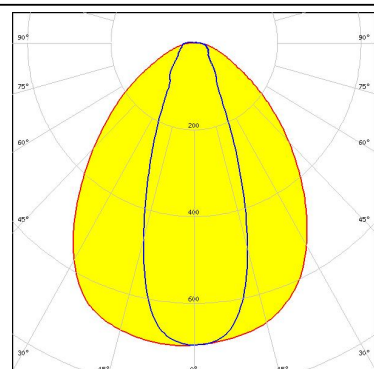
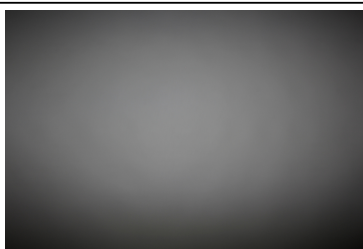
NICHIA

LED NFSW757H
FWHM 92.0 + 41.0°
Efficiency 85 %
Peak intensity 0.681 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

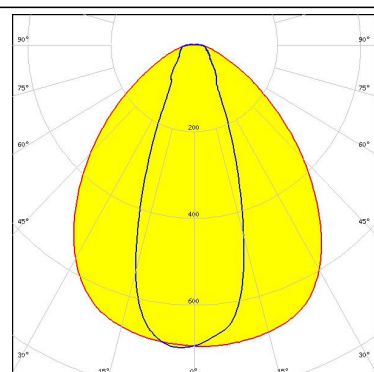
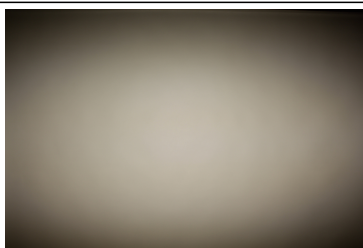
LED NFSx757G
FWHM 87.0 + 38.0°
Efficiency 81 %
Peak intensity 0.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

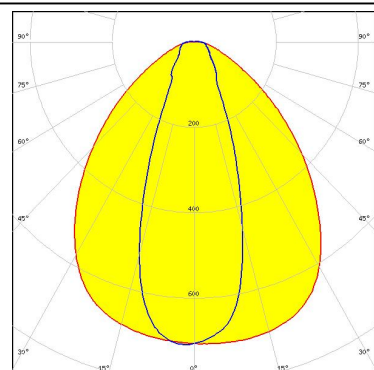
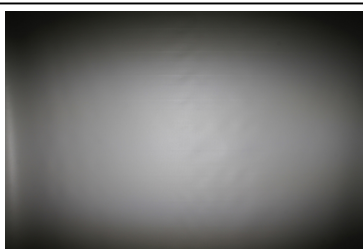
OSRAM

LED PrevaLED Linear Slim 3 (1100lm)
 FWHM 92.0 + 39.0°
 Efficiency 82 %
 Peak intensity 0.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

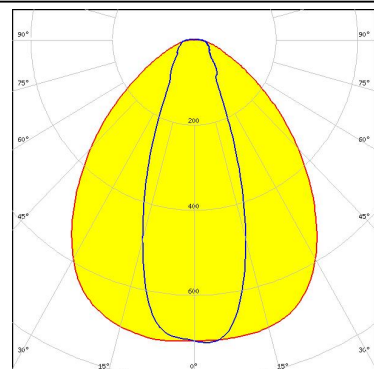
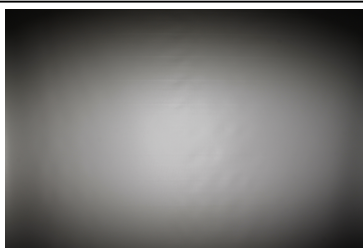
LED PrevaLED Linear Slim 3 (2000lm)
 FWHM 91.0 + 38.0°
 Efficiency 82 %
 Peak intensity 0.710 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

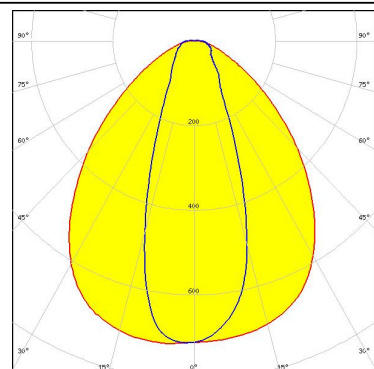
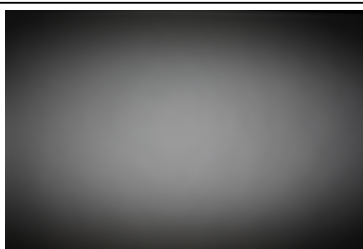
LED Duris S5 (2 chip)
 FWHM 90.0 + 38.0°
 Efficiency 83 %
 Peak intensity 0.710 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

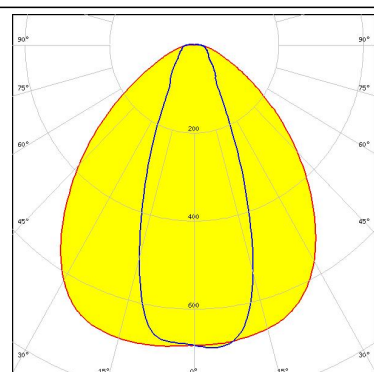
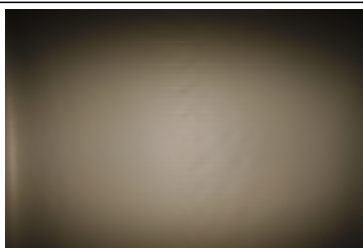
LED Duris S5 (Single chip)
 FWHM 91.0 + 38.0°
 Efficiency 85 %
 Peak intensity 0.720 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

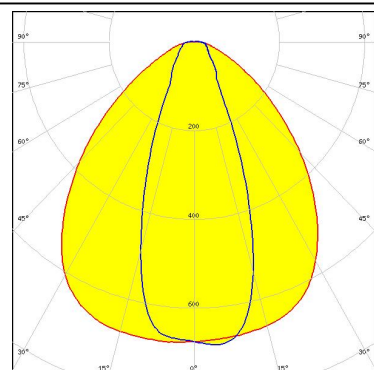
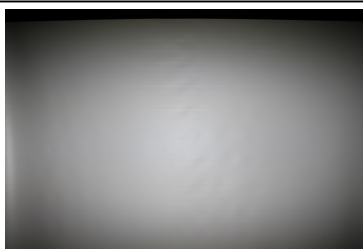
PHILIPS

LED Fortimo LED Strip 1ft 1100lm FC HV4 & LV4
 FWHM 92.0 + 40.0°
 Efficiency 83 %
 Peak intensity 0.690 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



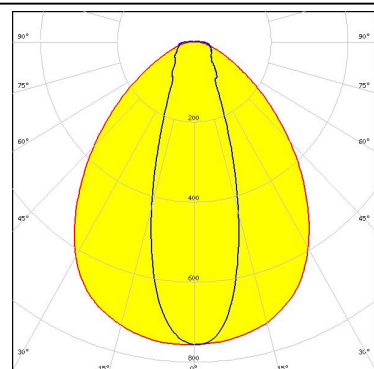
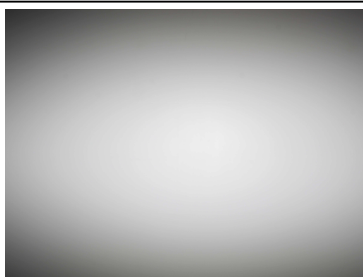
PHILIPS

LED Fortimo LED Strip 1ft 650lm FC HV4 & LV4
 FWHM 93.0 + 40.0°
 Efficiency 83 %
 Peak intensity 0.690 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



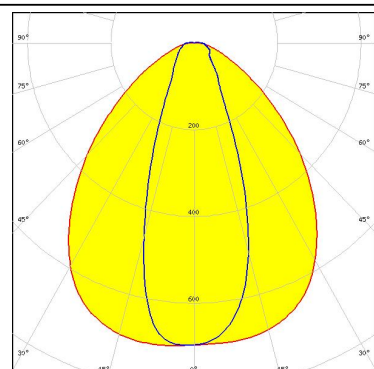
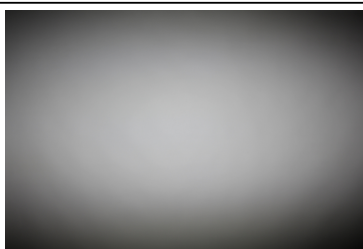
SAMSUNG

LED LM28xB Series
 FWHM 88.0 + 33.0°
 Efficiency 83 %
 Peak intensity 0.540 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

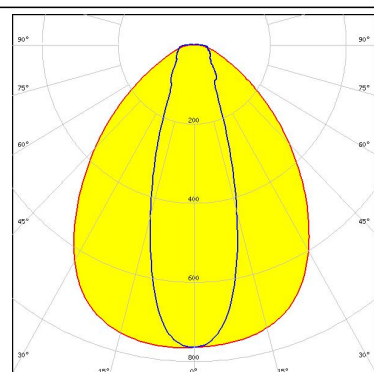
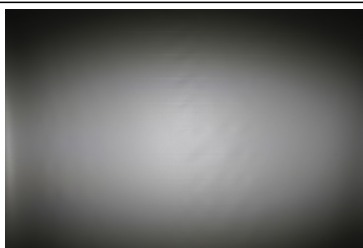
LED LM561B Plus
 FWHM 91.0 + 39.0°
 Efficiency 82 %
 Peak intensity 0.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

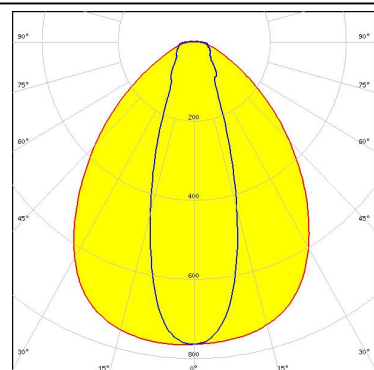
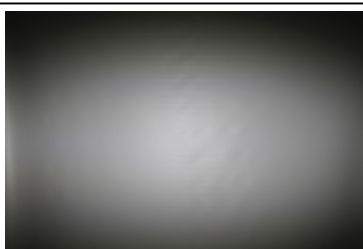
SAMSUNG

LED LT-H282C
FWHM 88.0 + 33.0°
Efficiency 83 %
Peak intensity 0.770 cd/lm
LEDs/each optic 1
Light colour White
Required components:



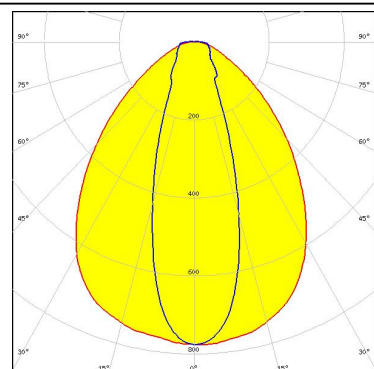
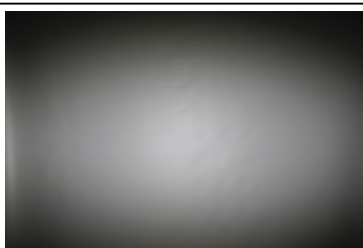
SAMSUNG

LED LT-H562C
FWHM 88.0 + 33.0°
Efficiency 83 %
Peak intensity 0.770 cd/lm
LEDs/each optic 1
Light colour White
Required components:



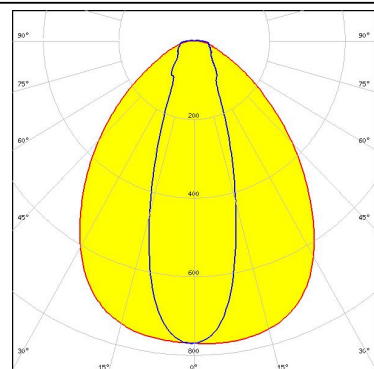
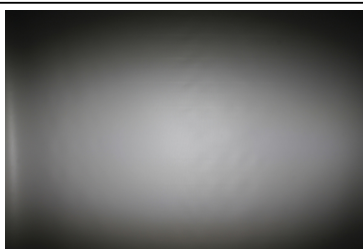
SAMSUNG

LED LT-Q282B
FWHM 86.0 + 33.0°
Efficiency 83 %
Peak intensity 0.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

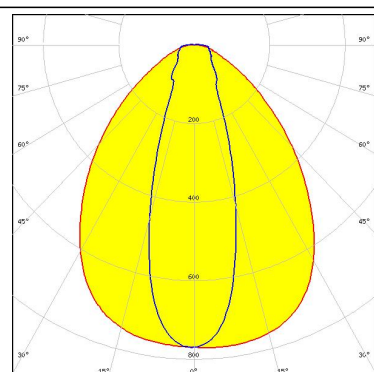
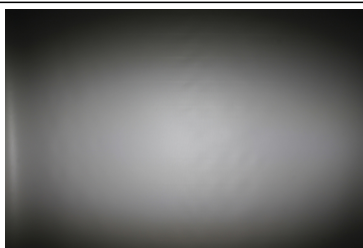
LED LT-S282H
FWHM 87.0 + 33.0°
Efficiency 83 %
Peak intensity 0.770 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

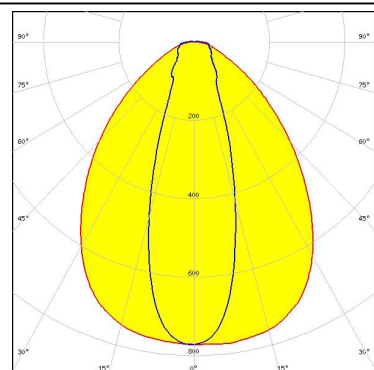
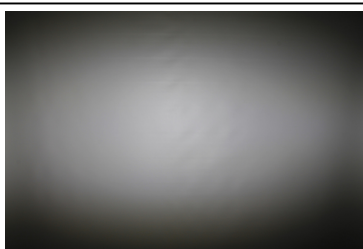
SAMSUNG

LED LT-S562H
FWHM 87.0 + 33.0°
Efficiency 83 %
Peak intensity 0.770 cd/lm
LEDs/each optic 1
Light colour White
Required components:



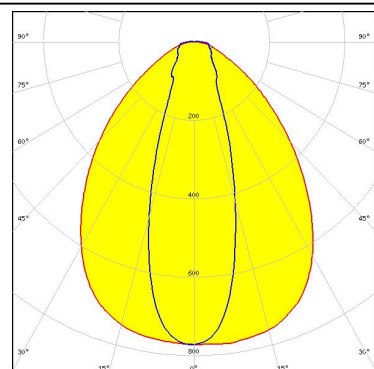
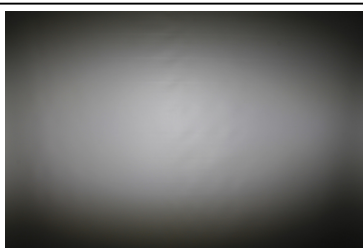
SAMSUNG

LED LT-V282E
FWHM 87.0 + 33.0°
Efficiency 83 %
Peak intensity 0.770 cd/lm
LEDs/each optic 1
Light colour White
Required components:



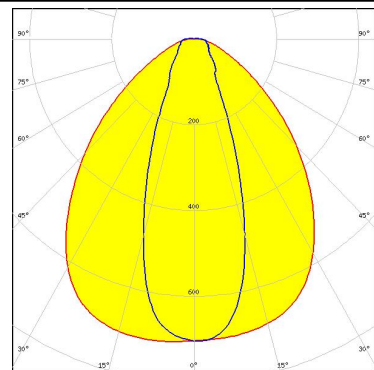
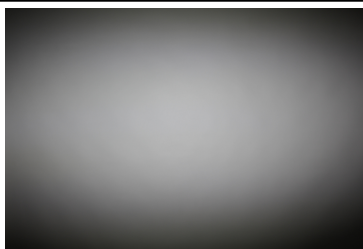
SAMSUNG

LED LT-V562E
FWHM 87.0 + 33.0°
Efficiency 83 %
Peak intensity 0.770 cd/lm
LEDs/each optic 1
Light colour White
Required components:

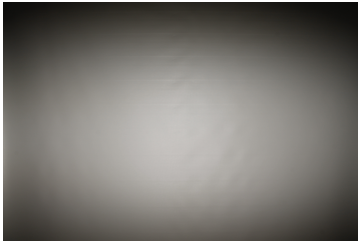
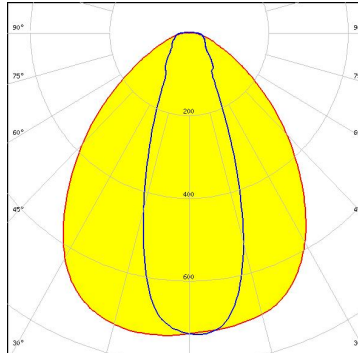
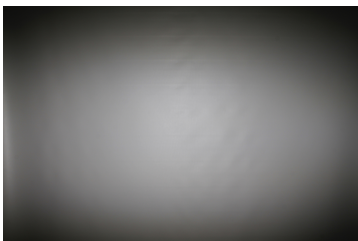
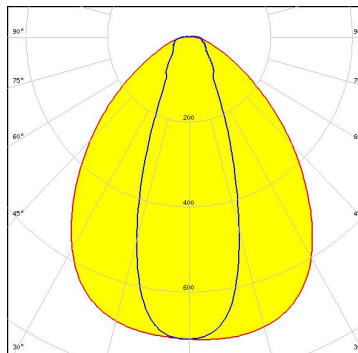
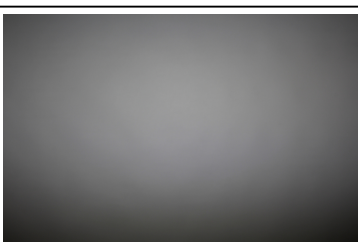
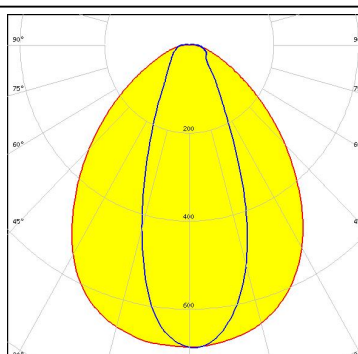
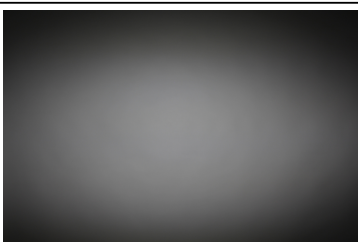
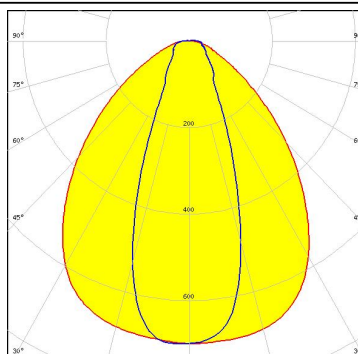


SEOUL SEMICONDUCTOR

LED SEOUL 5630D
FWHM 91.0 + 38.0°
Efficiency 82 %
Peak intensity 0.710 cd/lm
LEDs/each optic 1
Light colour White
Required components:



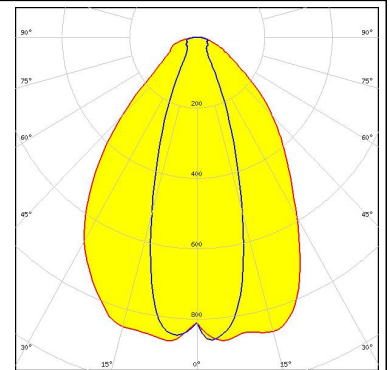
PHOTOMETRIC DATA (MEASURED):

<p>SEOUL SEOUL SEMICONDUCTOR</p> <p>LED SEOUL DC 3030 FWHM 89.0 + 37.0° Efficiency 84 % Peak intensity 0.740 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>TRIDONIC</p> <p>LED LLE G4 24x280mm 1250lm FWHM 89.0 + 38.0° Efficiency 83 % Peak intensity 0.720 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>TRIDONIC</p> <p>LED LLE G4 24x280mm 2000lm ADV FWHM 88.0 + 40.0° Efficiency 83 % Peak intensity 0.690 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>TRIDONIC</p> <p>LED LLE G4 24x280mm 650lm FWHM 90.0 + 39.0° Efficiency 84 % Peak intensity 0.700 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

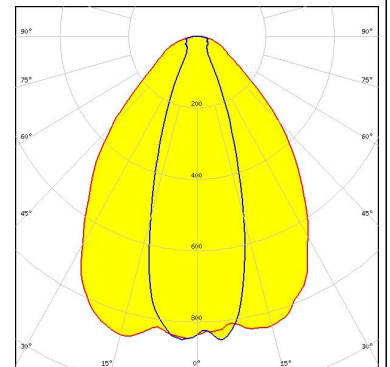
PHOTOMETRIC DATA (SIMULATED):



LED NF2x757G
FWHM 34.0 + 75.0°
Efficiency 83 %
Peak intensity 0.880 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED SEOUL DC 3030C
FWHM 82.0 + 34.0°
Efficiency 84 %
Peak intensity 0.867 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.

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

Local sales and technical support

[www.ledil.com/
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