

LINNEA-90-B

~90° + 90° wide beam optimized for 0.5 mm metal sheet or profile. Variant made from PC.

TECHNICAL SPECIFICATIONS:

Dimensions	285.0 x 40.0 mm
Height	9.5 mm
Fastening	clips
ROHS compliant	yes ⓘ

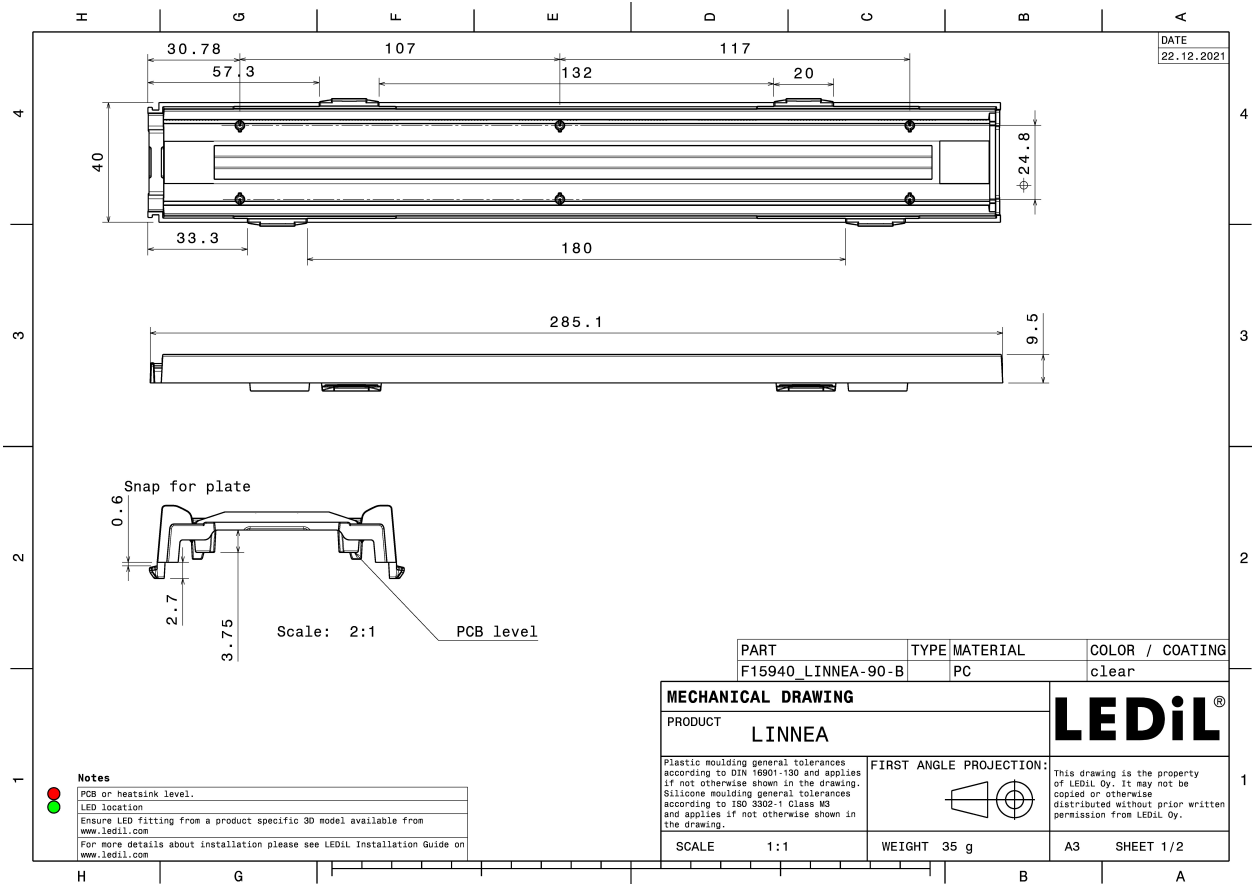
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LINNEA-90-B	Linear lens	PC	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F15940_LINNEA-90-B » Box size: 398 x 298 x 265 mm	162	36	36	6.7



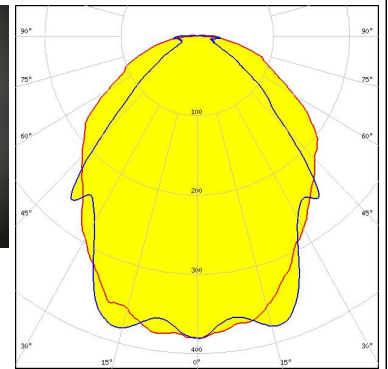


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

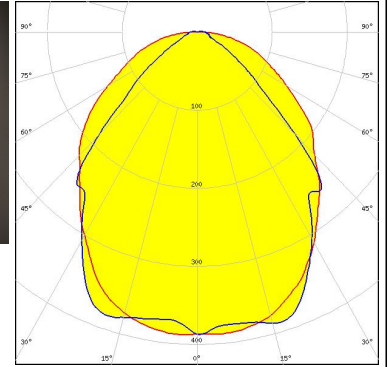
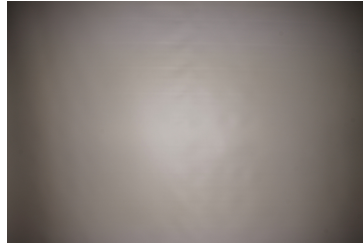


LED XP-E
FWHM / FWTM 104.0 + 88.0° / 164.0 + 126.0°
Efficiency 81 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



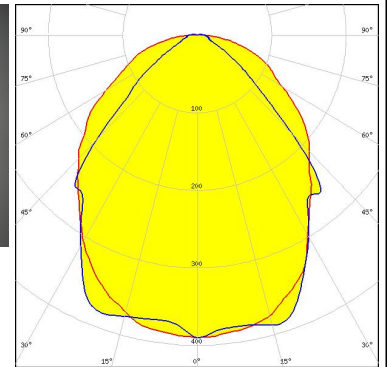
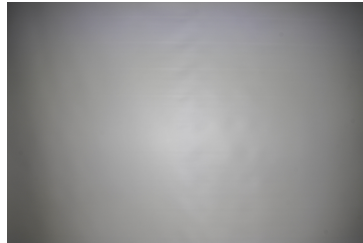
Helvar

LED L-iC-282-827-865-011A
FWHM / FWTM 102.0 + 89.0° / 164.0 + 124.0°
Efficiency 82 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



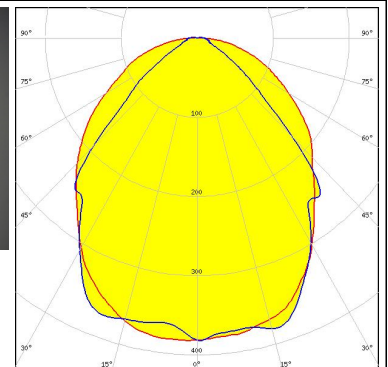
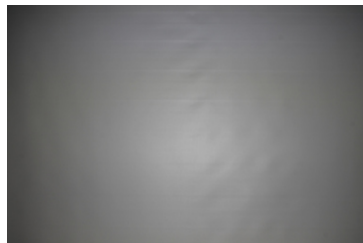
Helvar

LED LP-282-840-009A 60/300
FWHM / FWTM 100.0 + 89.0° / 163.0 + 125.0°
Efficiency 82 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



Helvar

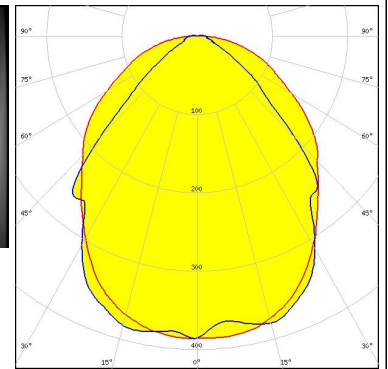
LED LS-282-840-011A
FWHM / FWTM 102.0 + 90.0° / 164.0 + 125.0°
Efficiency 81 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

Helvar

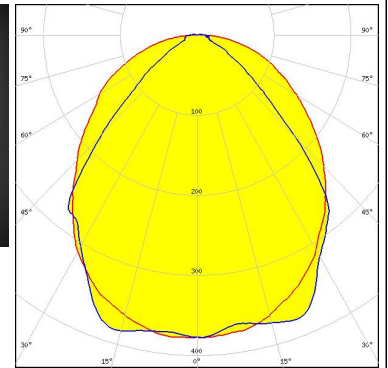
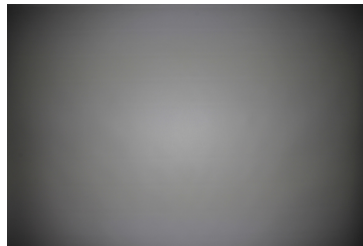
LED LX-282-840-023A
 FWHM / FWTM 102.0 + 89.0° / 164.0 + 125.0°
 Efficiency 82 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



MST

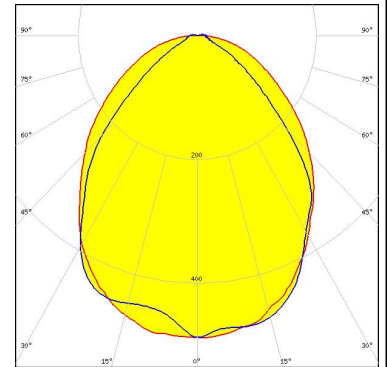
Your solutions

LED LinLED 280x24mm 1100lm 830 2C 30V LINNEA-GC G1
 FWHM / FWTM 89.0 + 104.0° / 125.0 + 165.0°
 Efficiency 83 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



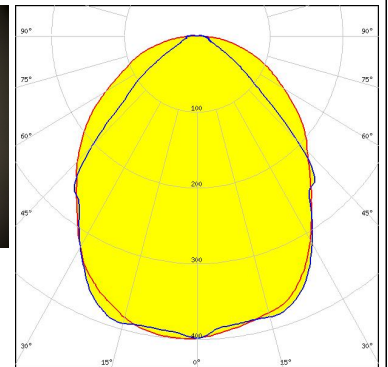
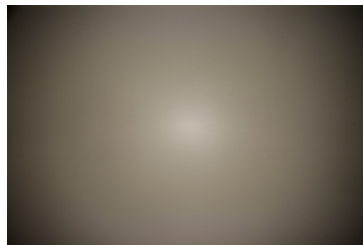
NICHIA

LED NF2x757D
 FWHM / FWTM 86.0 + 96.0° / 125.0 + 159.0°
 Efficiency 0 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

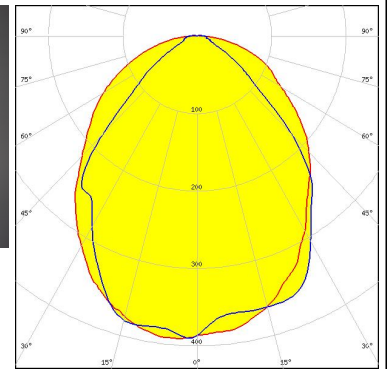
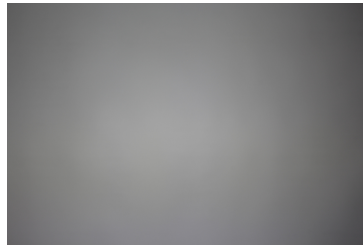
LED NFSW757H
 FWHM / FWTM 100.0 + 90.0° / 163.0 + 125.0°
 Efficiency 85 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



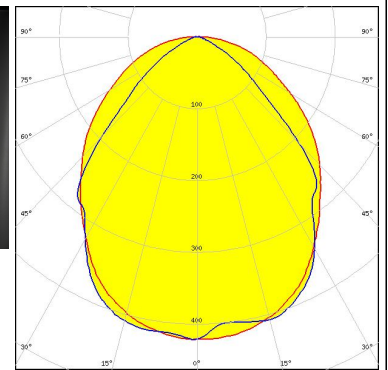
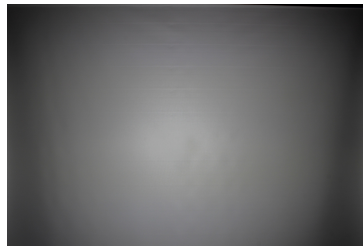
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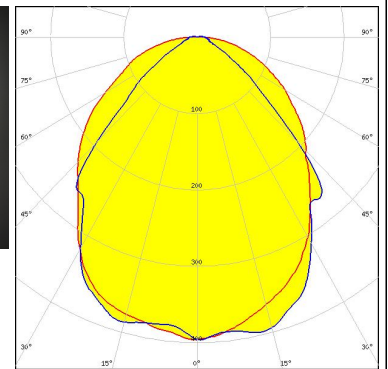
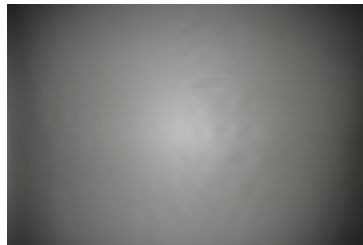
LED NFSx757G
 FWHM / FWTM 98.0 + 88.0° / 162.0 + 125.0°
 Efficiency 81 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



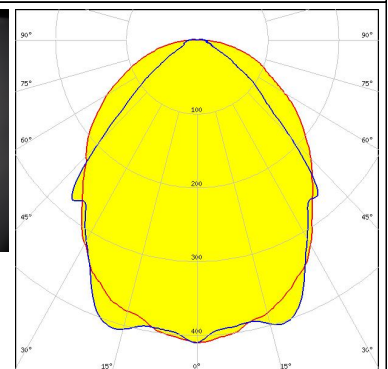
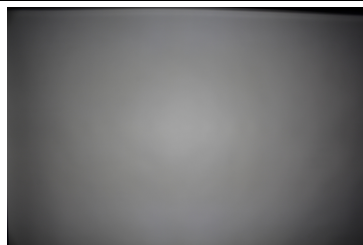
LED PL-LIN-IND-Z1 2800 560x24
 FWHM / FWTM 101.0 + 89.0° / 163.0 + 125.0°
 Efficiency 87 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Duris S5 (2 chip)
 FWHM / FWTM 99.0 + 89.0° / 163.0 + 125.0°
 Efficiency 83 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



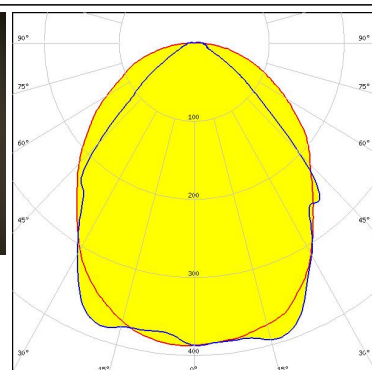
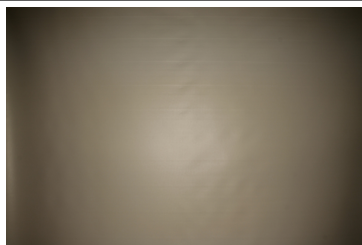
LED Duris S5 (Single chip)
 FWHM / FWTM 98.0 + 89.0° / 163.0 + 125.0°
 Efficiency 85 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

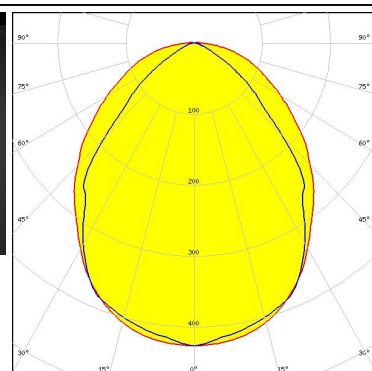
PHILIPS

LED Fortimo LED Strip 1ft 1100lm FC HV4 & LV4
 FWHM / FWTM 100.0 + 89.0° / 163.0 + 124.0°
 Efficiency 82 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



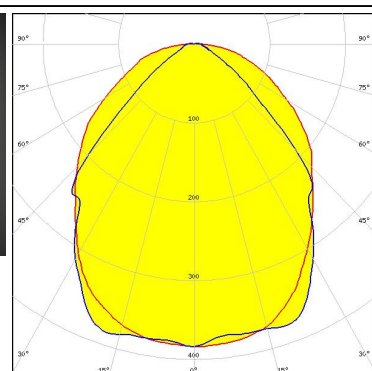
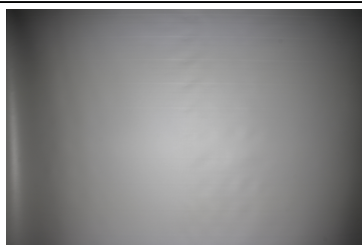
PHILIPS

LED Fortimo LED Strip 1ft 1100lm FC HV5 & LV5
 FWHM / FWTM 99.0 + 85.0° / 163.0 + 123.0°
 Efficiency 86 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



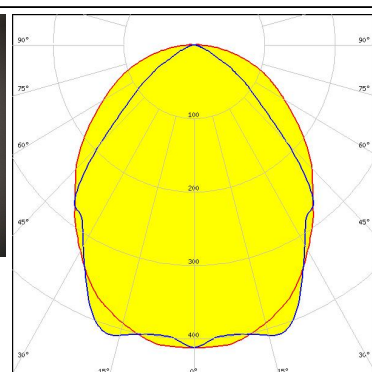
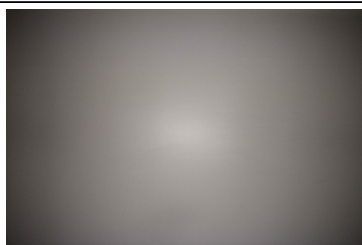
PHILIPS

LED Fortimo LED Strip 1ft 650lm FC HV4 & LV4
 FWHM / FWTM 102.0 + 90.0° / 164.0 + 124.0°
 Efficiency 82 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHILIPS

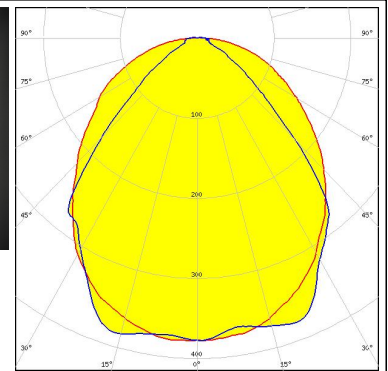
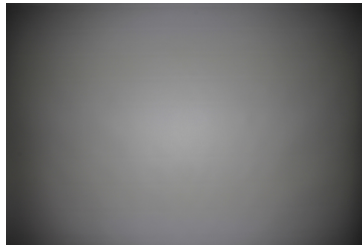
LED Fortimo LED Strip 1ft 650lm FC HV5 & LV5
 FWHM / FWTM 101.0 + 87.0° / 163.0 + 123.0°
 Efficiency 86 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

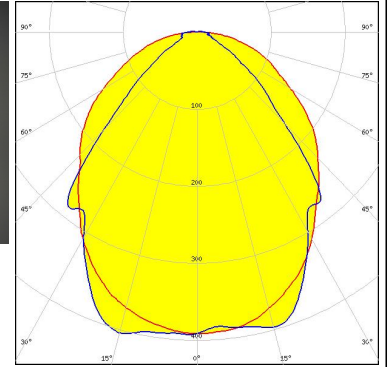
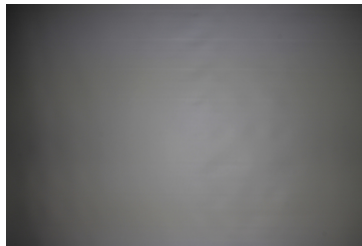
SAMSUNG

LED LM561B Plus
FWHM / FWTM 89.0 + 104.0° / 125.0 + 165.0°
Efficiency 83 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



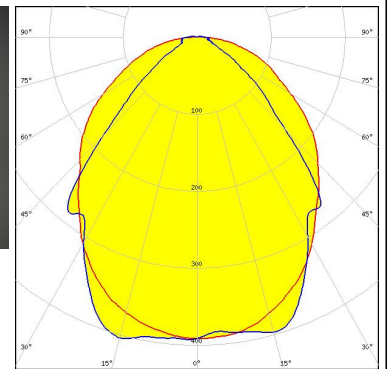
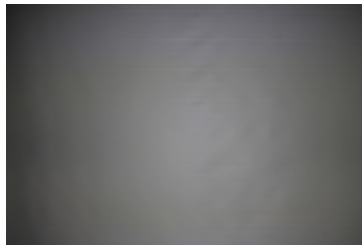
SAMSUNG

LED LT-H282C
FWHM / FWTM 103.0 + 87.0° / 164.0 + 125.0°
Efficiency 84 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



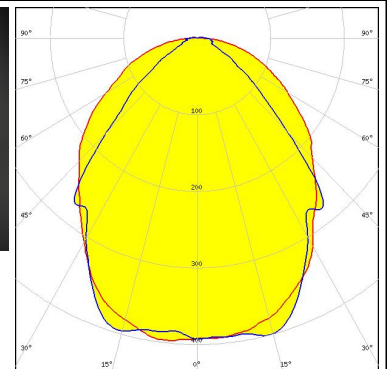
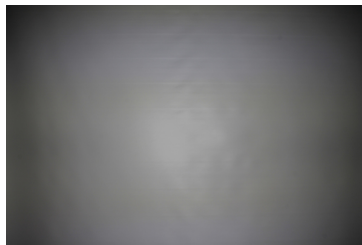
SAMSUNG

LED LT-H562C
FWHM / FWTM 103.0 + 87.0° / 164.0 + 125.0°
Efficiency 84 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

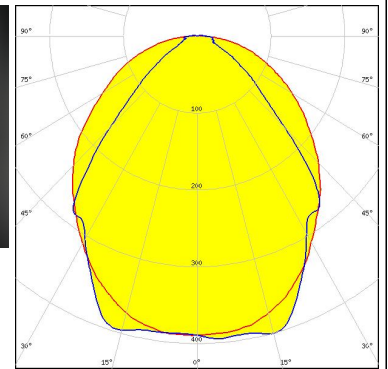
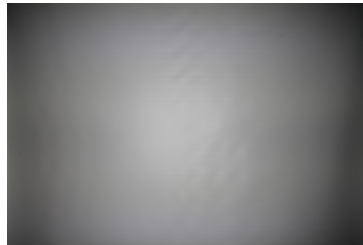
LED LT-Q282B
FWHM / FWTM 101.0 + 87.0° / 164.0 + 125.0°
Efficiency 84 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

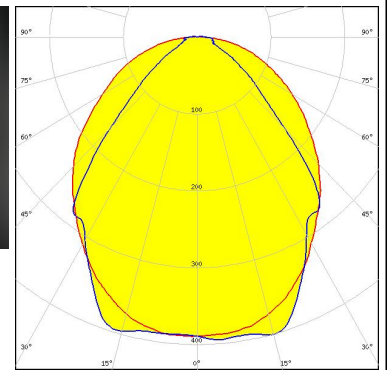
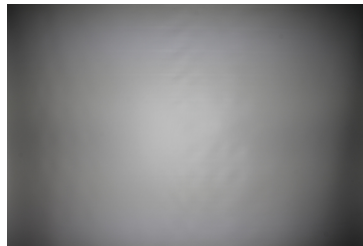
SAMSUNG

LED LT-S282H
FWHM / FWTM 104.0 + 86.0° / 165.0 + 125.0°
Efficiency 85 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



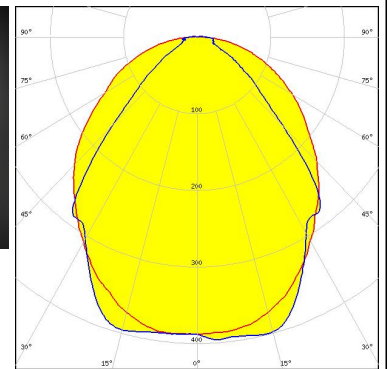
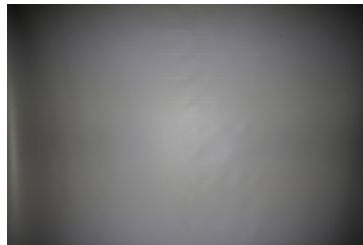
SAMSUNG

LED LT-S562H
FWHM / FWTM 104.0 + 86.0° / 165.0 + 125.0°
Efficiency 85 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



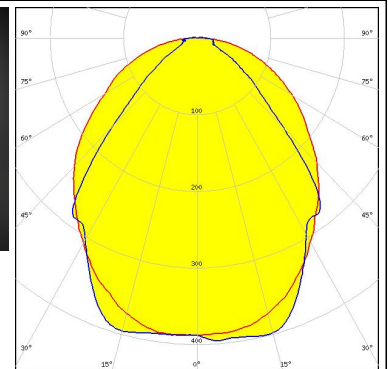
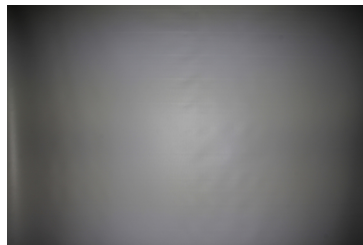
SAMSUNG

LED LT-V282E
FWHM / FWTM 103.0 + 86.0° / 164.0 + 125.0°
Efficiency 85 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

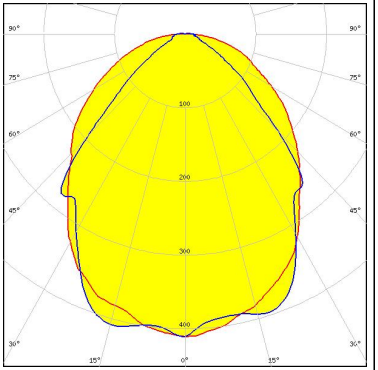
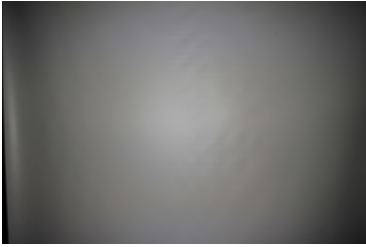
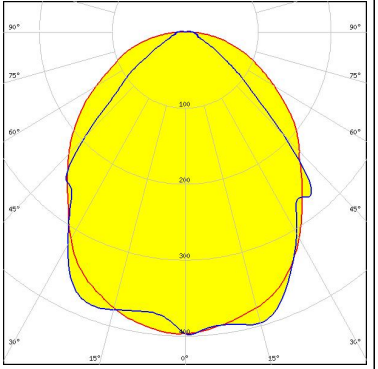
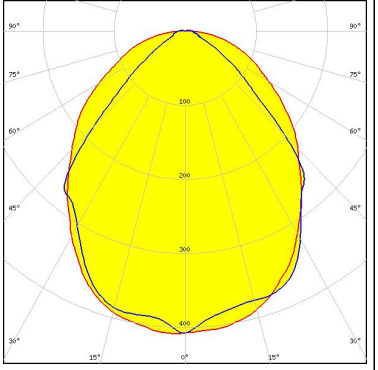
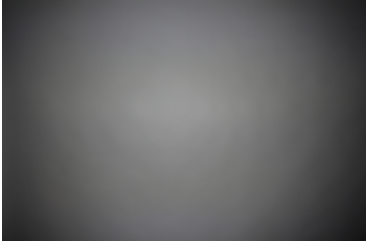
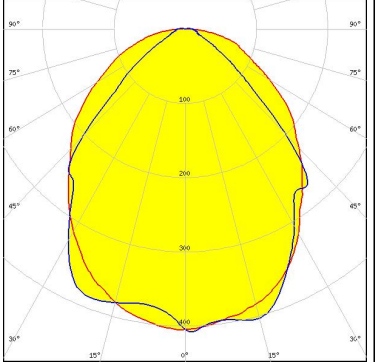


SAMSUNG

LED LT-V562E
FWHM / FWTM 103.0 + 86.0° / 164.0 + 125.0°
Efficiency 85 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

SEOUL SEOUL SEMICONDUCTOR LED SEOUL DC 3030 FWHM / FWTM 99.0 + 88.0° / 163.0 + 125.0° Efficiency 85 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:		
TRIDONIC LED LLE G4 24x280mm 1250lm FWHM / FWTM 100.0 + 89.0° / 163.0 + 125.0° Efficiency 83 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:		
TRIDONIC LED LLE G4 24x280mm 2000lm ADV FWHM / FWTM 98.0 + 88.0° / 162.0 + 124.0° Efficiency 83 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:		
TRIDONIC LED LLE G4 24x280mm 650lm FWHM / FWTM 99.0 + 89.0° / 163.0 + 125.0° Efficiency 84 % Peak intensity 0.4 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

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
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Shipping locations

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Hong Kong, China

Distribution Partners

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