

LINNEA-90

~90° + 90° wide beam optimized for 1.0 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 ⓘ

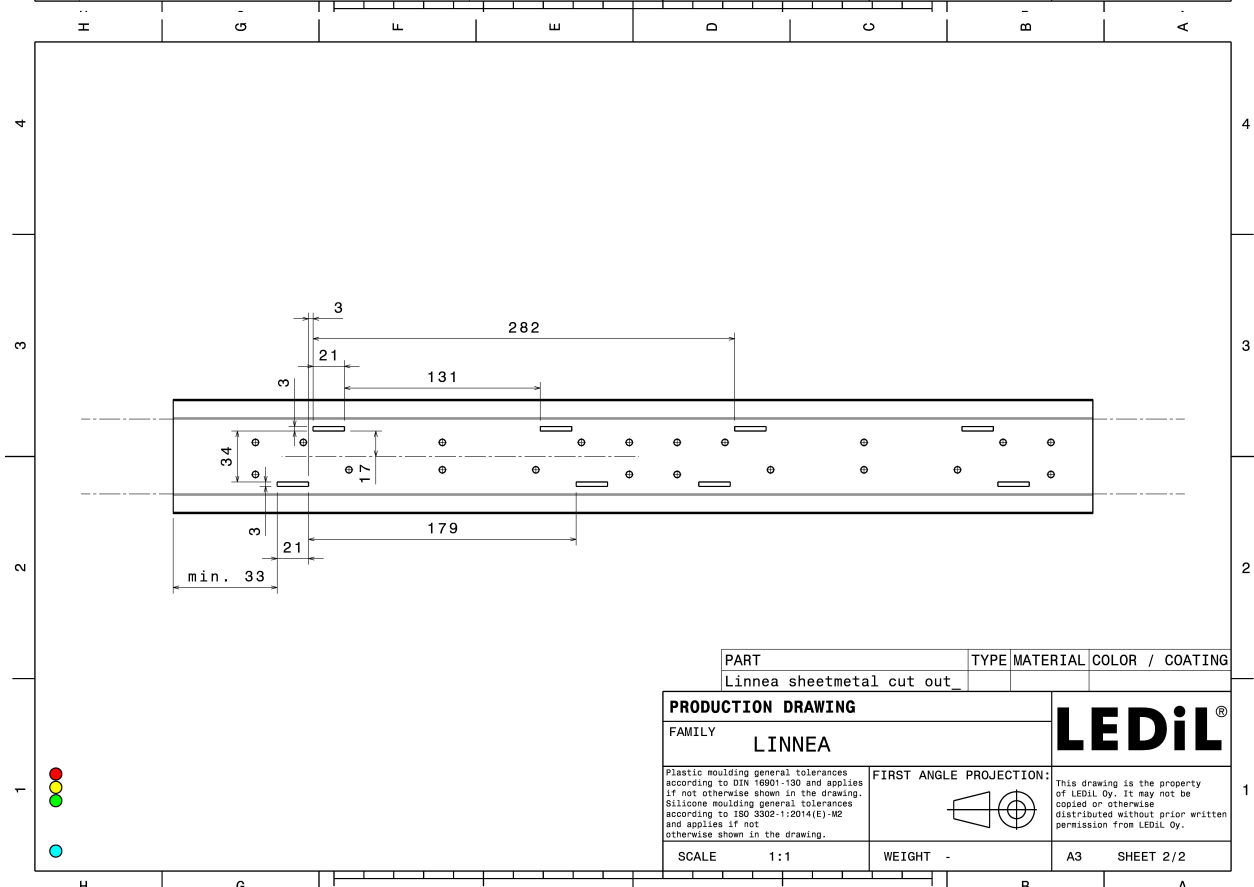
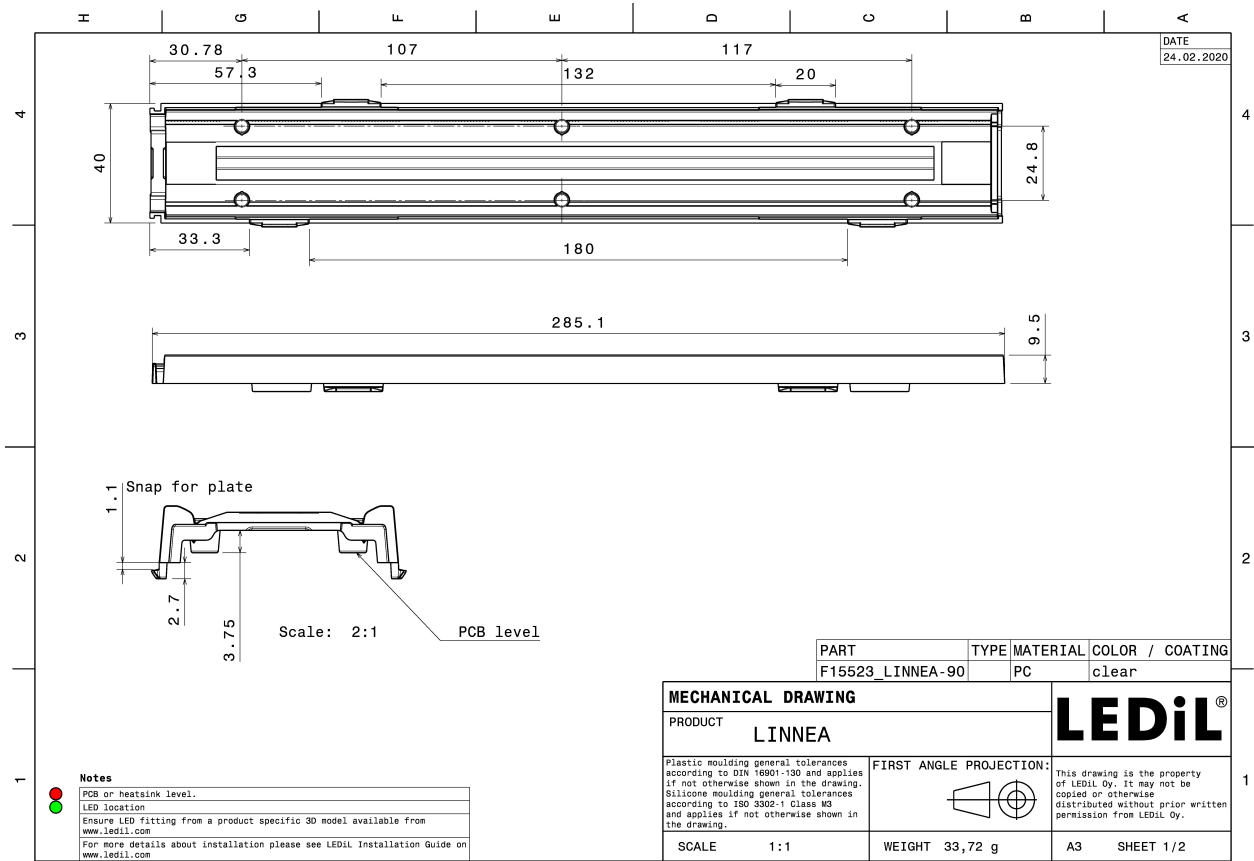
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

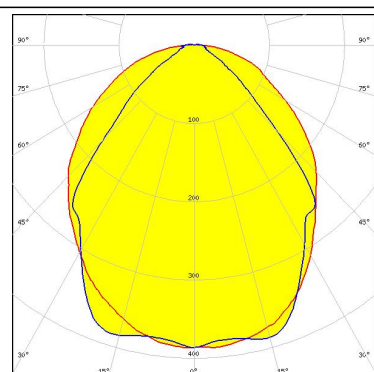
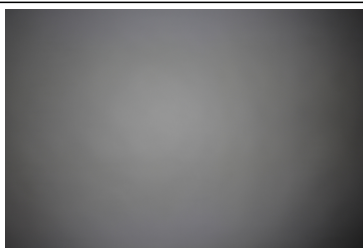
Component	Qty in box	MOQ	MPQ	Box weight (kg)
F15523_LINNEA-90 » Box size: 578 x 378 x 295 mm	180	30	30	7.0



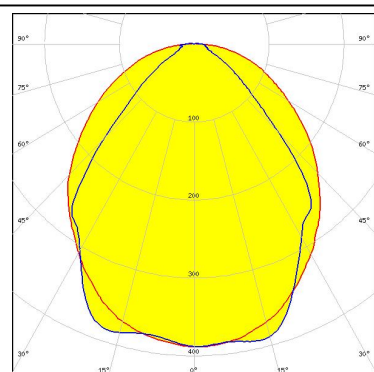
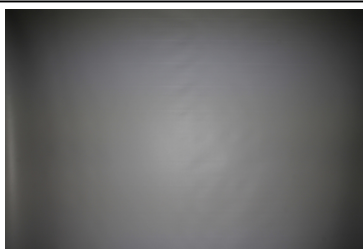
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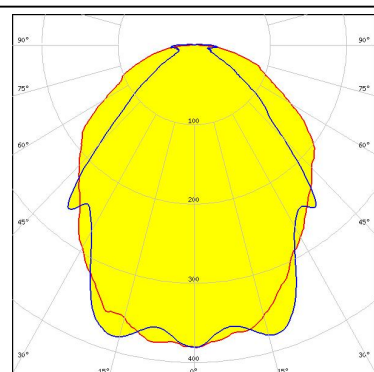
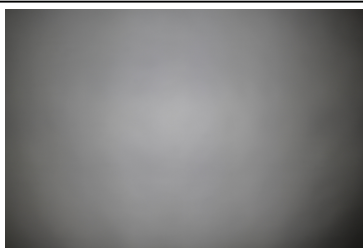
LED CALOSNU405-M7W1
FWHM 104.0 + 87.0°
Efficiency 82 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



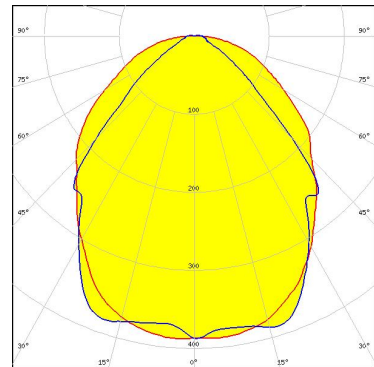
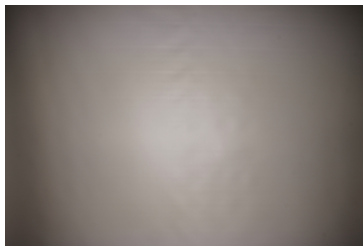
LED CALOSNU410-M7W1
FWHM 104.0 + 86.0°
Efficiency 83 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



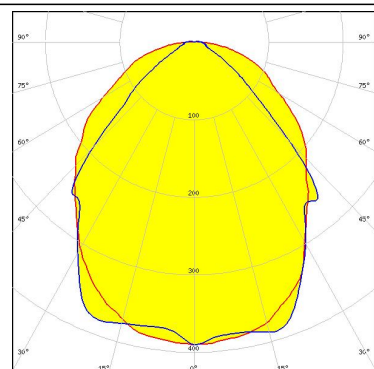
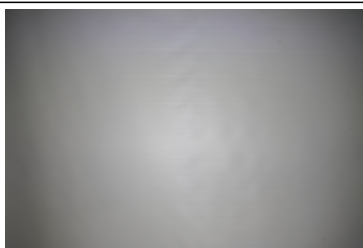
LED L-iC-282-827-865-011A
FWHM 102.0 + 89.0°
Efficiency 82 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

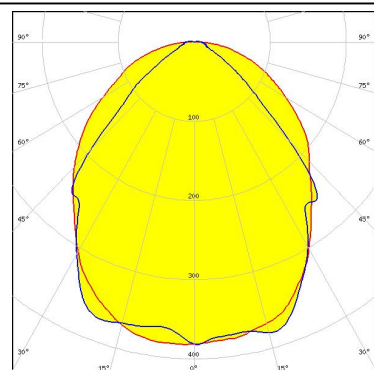
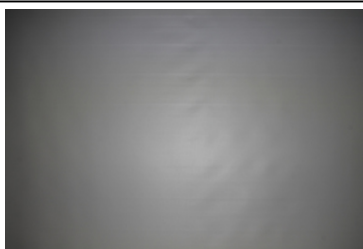
Helvar

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



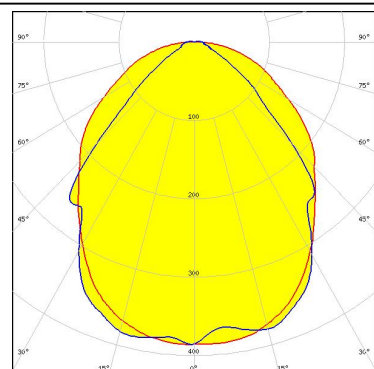
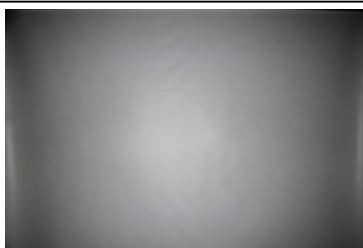
Helvar

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



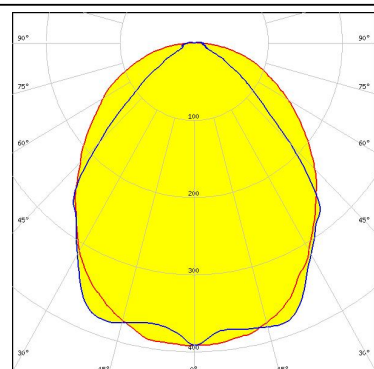
Helvar

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



MST Your solutions

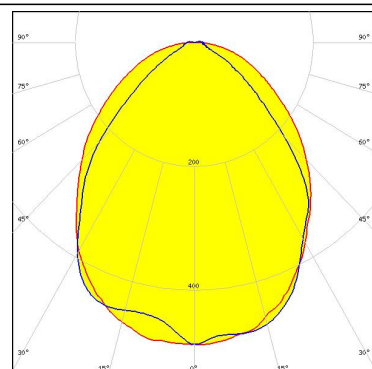
LED LinLED 280x24mm 1100lm 8x0 4C 30V Opt G1
FWHM 88.0 + 100.0°
Efficiency 83 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



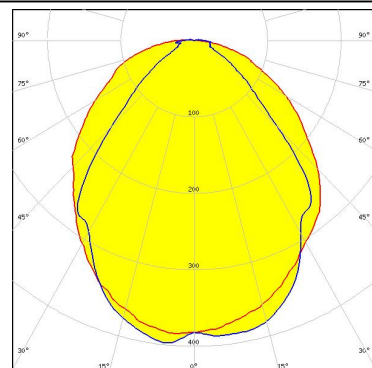
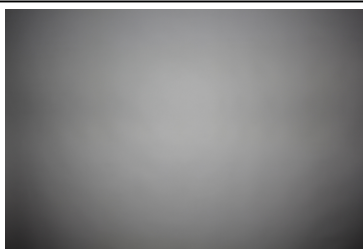
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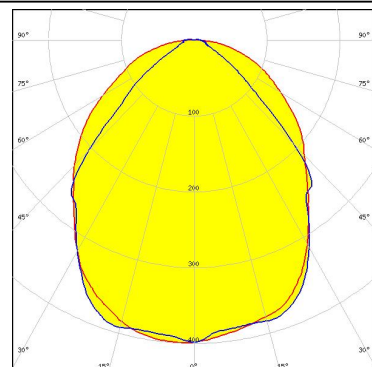
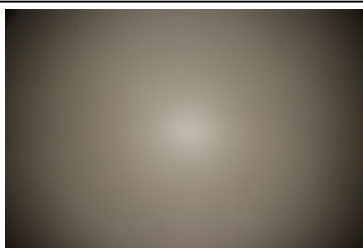
LED NF2x757D
FWHM 86.0 + 99.0°
Efficiency 0 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



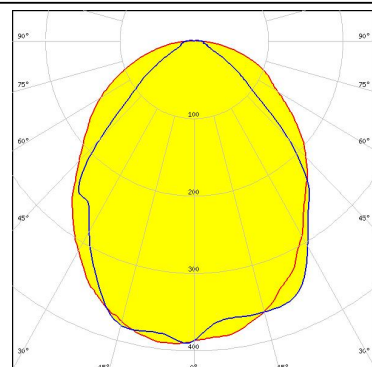
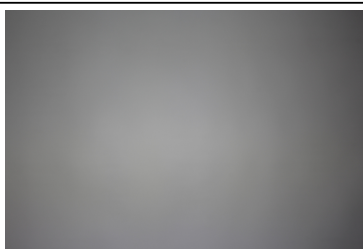
LED NF2x757G
FWHM 105.0 + 85.0°
Efficiency 83 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



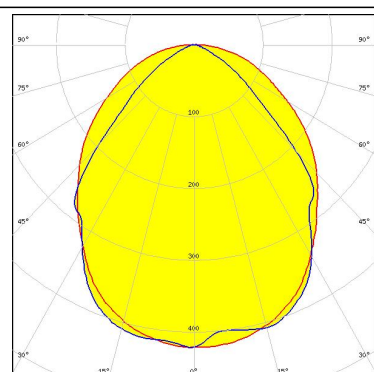
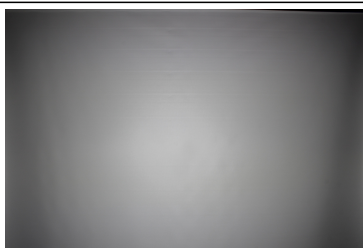
LED NFSx757G
FWHM 98.0 + 88.0°
Efficiency 81 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

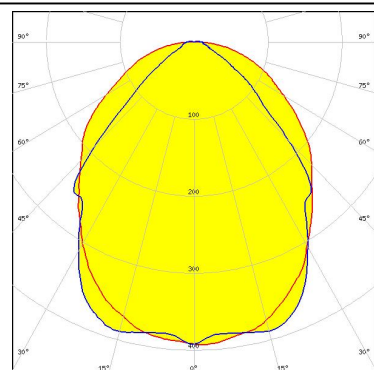
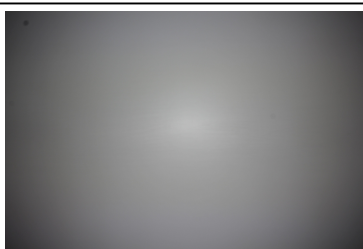
OSRAM

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



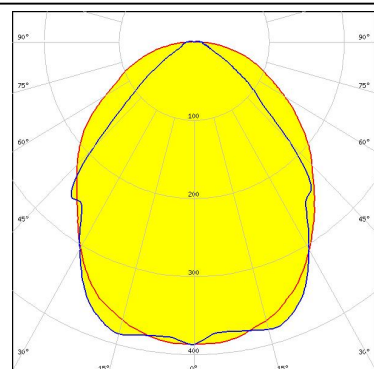
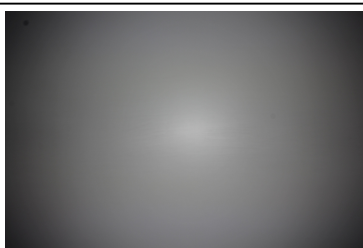
OSRAM

LED PL-LIN-Z5 1100 280x20
 FWHM 101.0 + 89.0°
 Efficiency 82 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



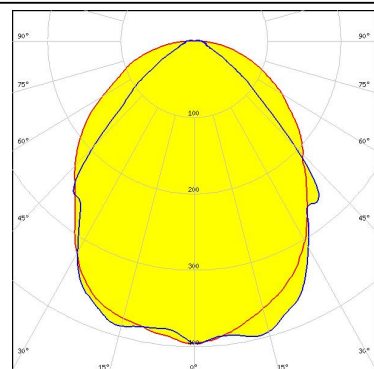
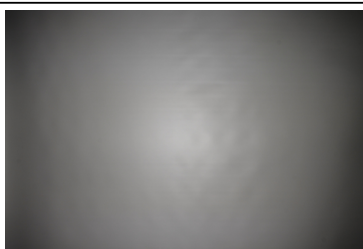
OSRAM

LED PL-LIN-Z5 2000 280x20
 FWHM 101.0 + 89.0°
 Efficiency 82 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

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

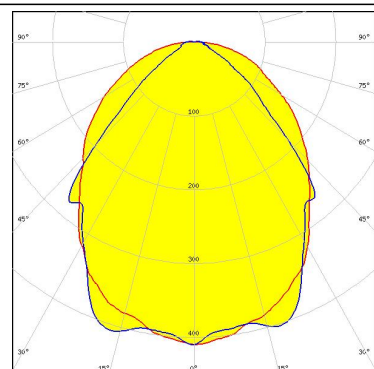
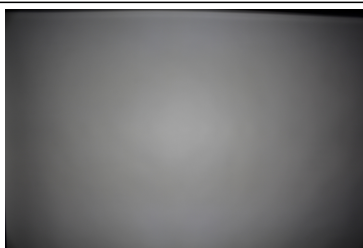


PHOTOMETRIC DATA (MEASURED):

OSRAM

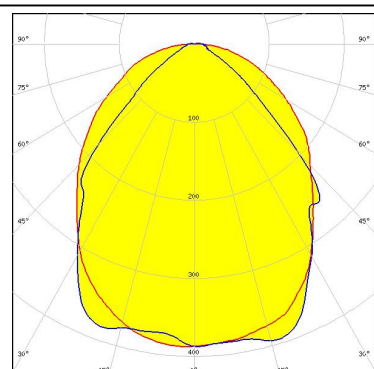
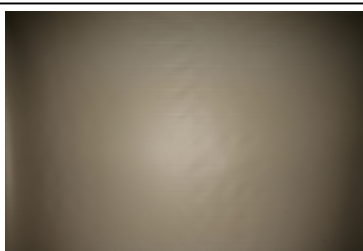
Opto Semiconductors

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



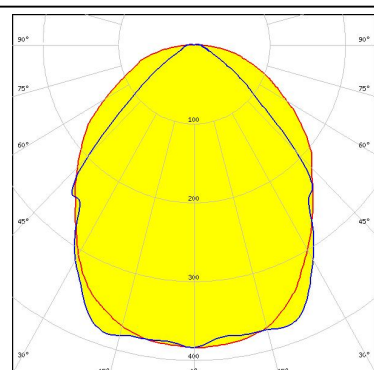
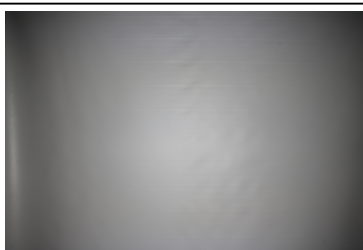
PHILIPS

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



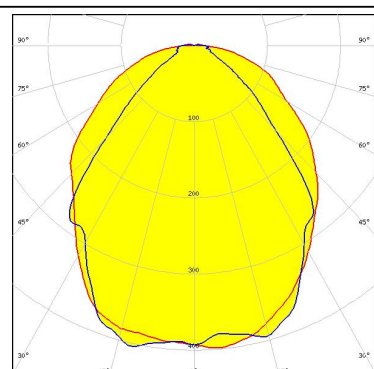
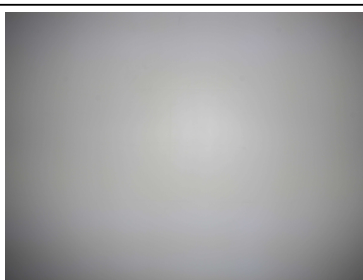
PHILIPS

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



SAMSUNG

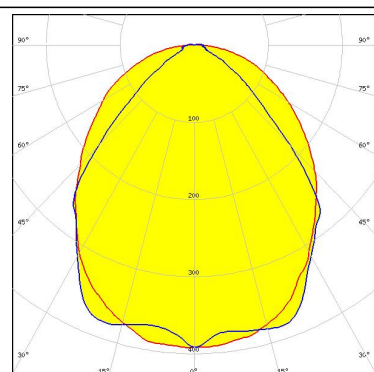
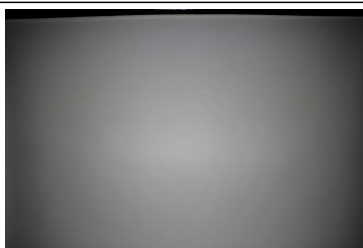
LED LM28xB Series
FWHM 105.0 + 86.0°
Efficiency 84 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

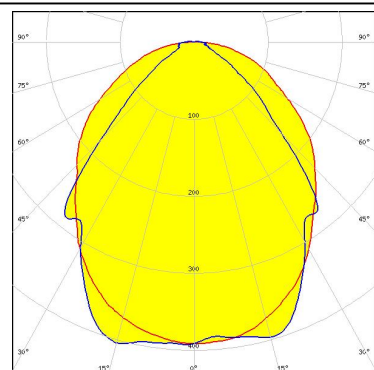
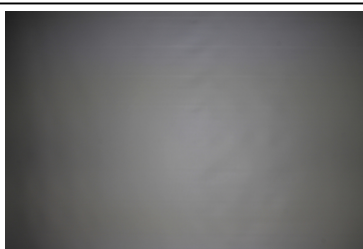
SAMSUNG

LED LM561B Plus
FWHM 88.0 + 100.0°
Efficiency 83 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



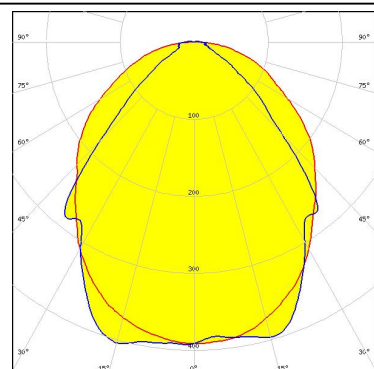
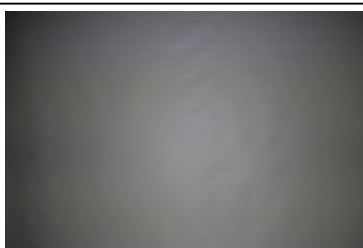
SAMSUNG

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



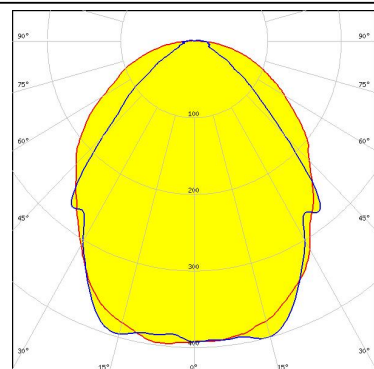
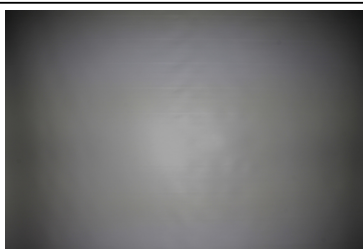
SAMSUNG

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



SAMSUNG

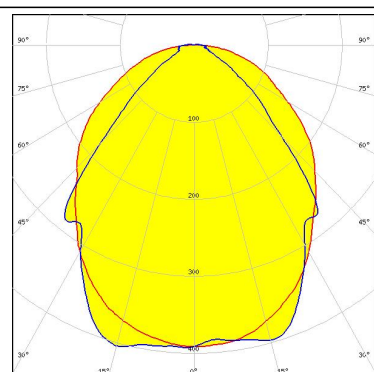
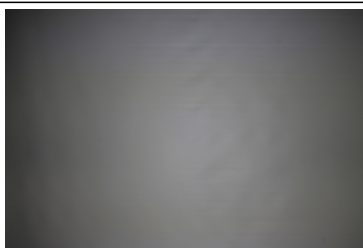
LED LT-Q282B
FWHM 101.0 + 87.0°
Efficiency 84 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

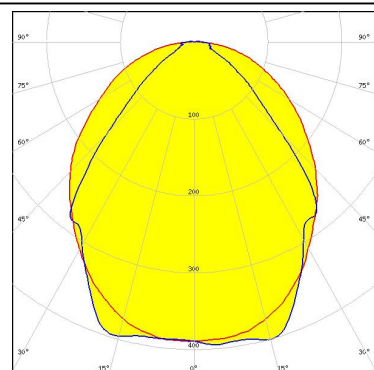
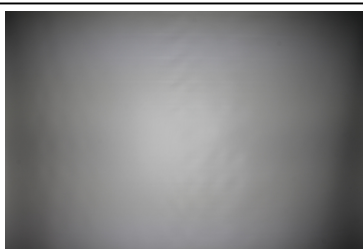
SAMSUNG

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



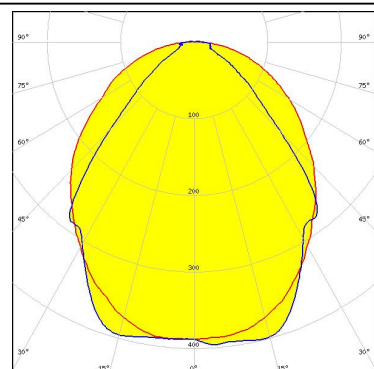
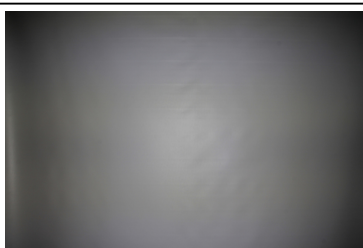
SAMSUNG

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



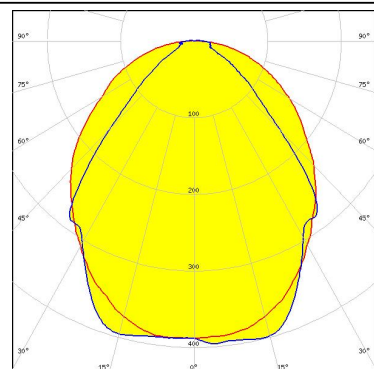
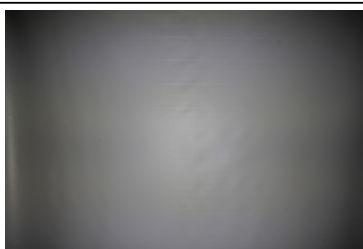
SAMSUNG

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

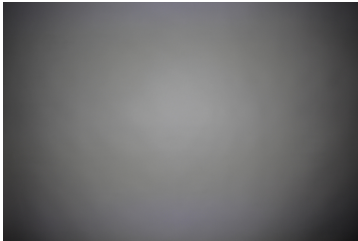
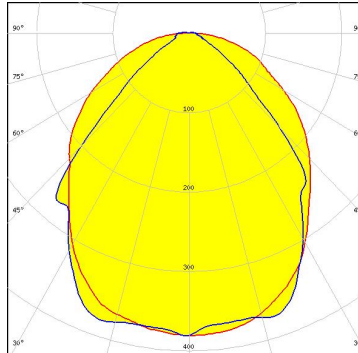

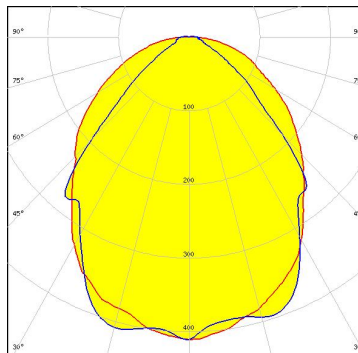
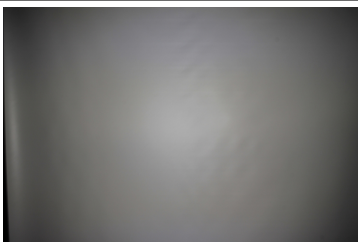
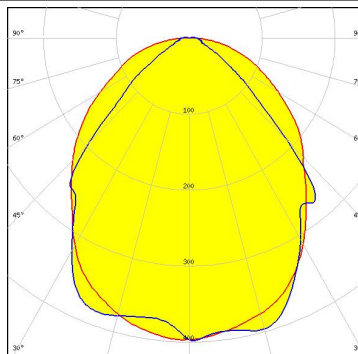
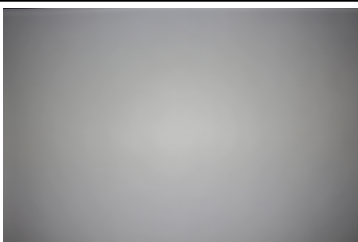
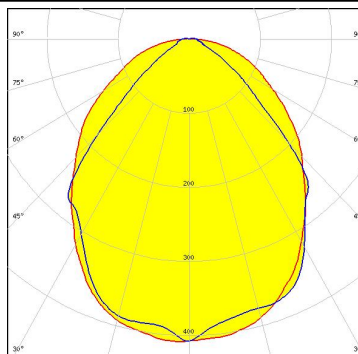


SAMSUNG

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



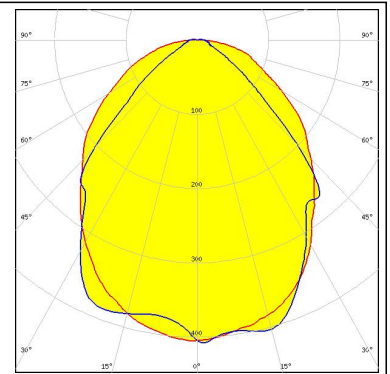
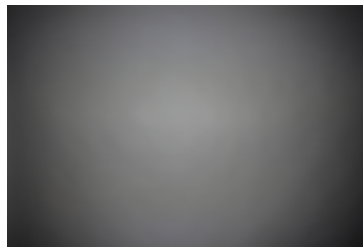
PHOTOMETRIC DATA (MEASURED):

<p>SEOUL SEOUL SEMICONDUCTOR</p> <p>LED SEOUL 5630D</p> <p>FWHM 93.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SEOUL SEOUL SEMICONDUCTOR</p> <p>LED SEOUL DC 3030</p> <p>FWHM 99.0 + 88.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>TRIDONIC</p> <p>LED LLE G4 24x280mm 1250lm</p> <p>FWHM 100.0 + 89.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>TRIDONIC</p> <p>LED LLE G4 24x280mm 2000lm ADV</p> <p>FWHM 98.0 + 88.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

TRIDONIC

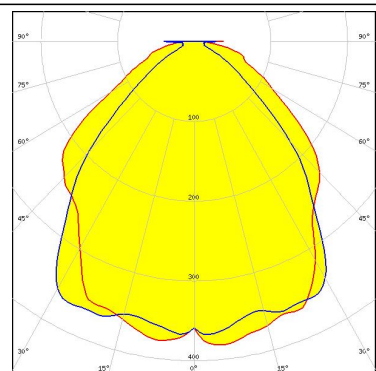
LED LLE G4 24x280mm 650lm
FWHM 99.0 + 89.0°
Efficiency 84 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



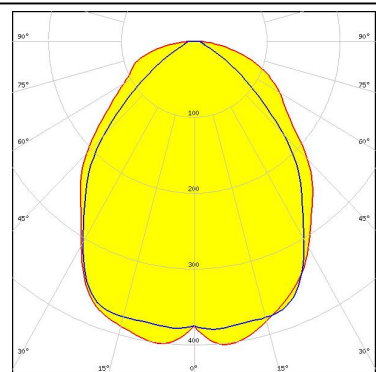
PHOTOMETRIC DATA (SIMULATED):



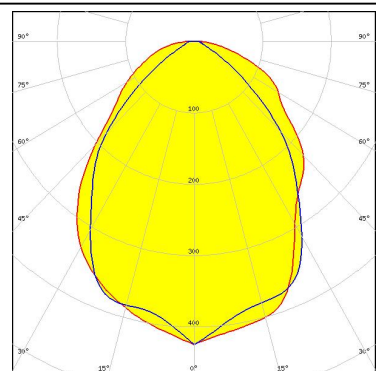
LED XP-G3
 FWHM 105.0 + 89.0°
 Efficiency 81 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



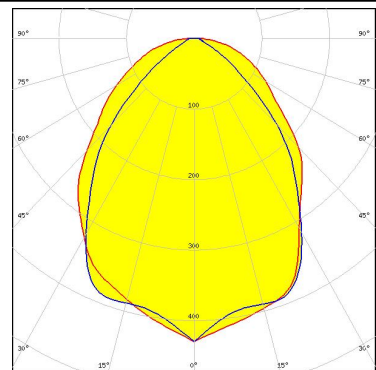
LED LUXEON 3030 2D (Round LES)
 FWHM 93.0 + 84.0°
 Efficiency 82 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Duris E 2835
 FWHM 83.0 + 91.0°
 Efficiency 82 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED SEOUL DC 3030C
 FWHM 91.0 + 82.0°
 Efficiency 82 %
 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.

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