

LINNEA-90

~90° 90° wide beam optimized for 1.0 mm metal sheet or profile

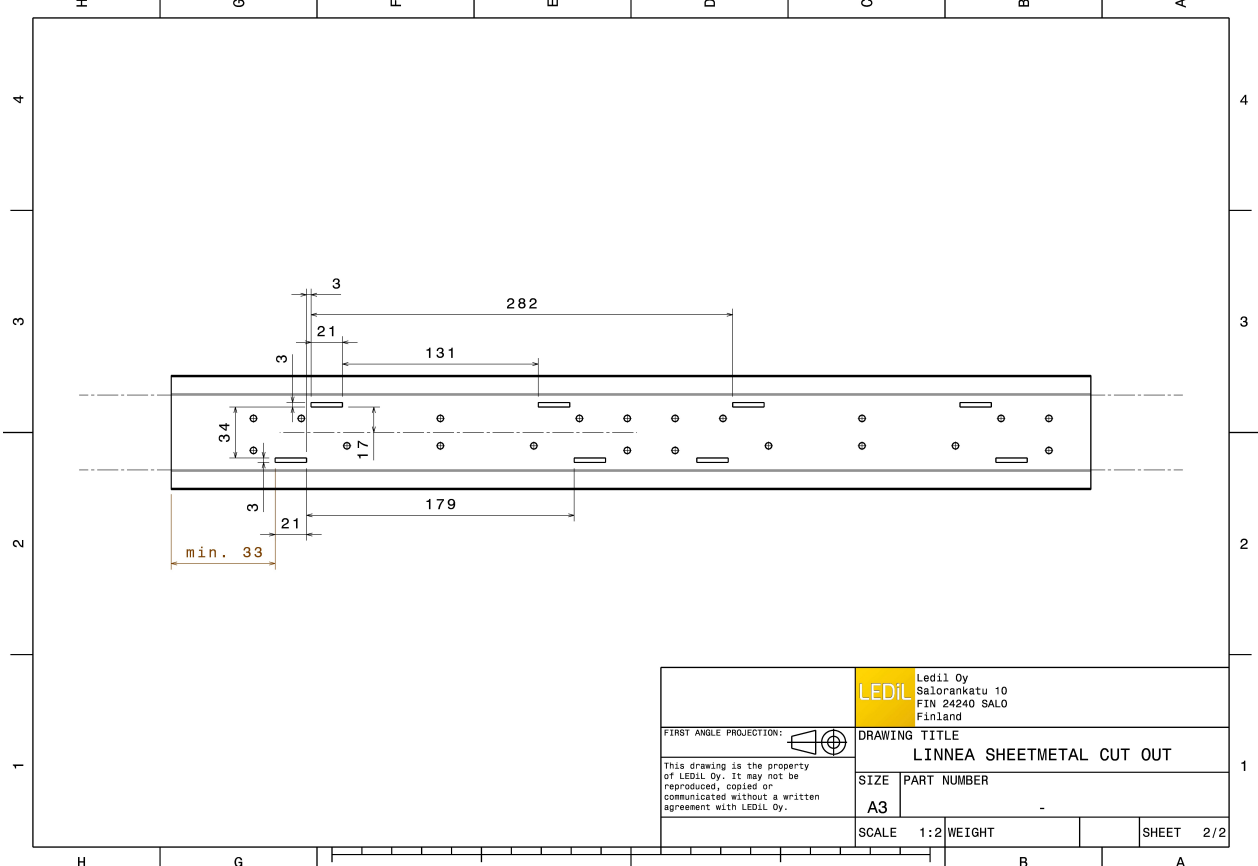
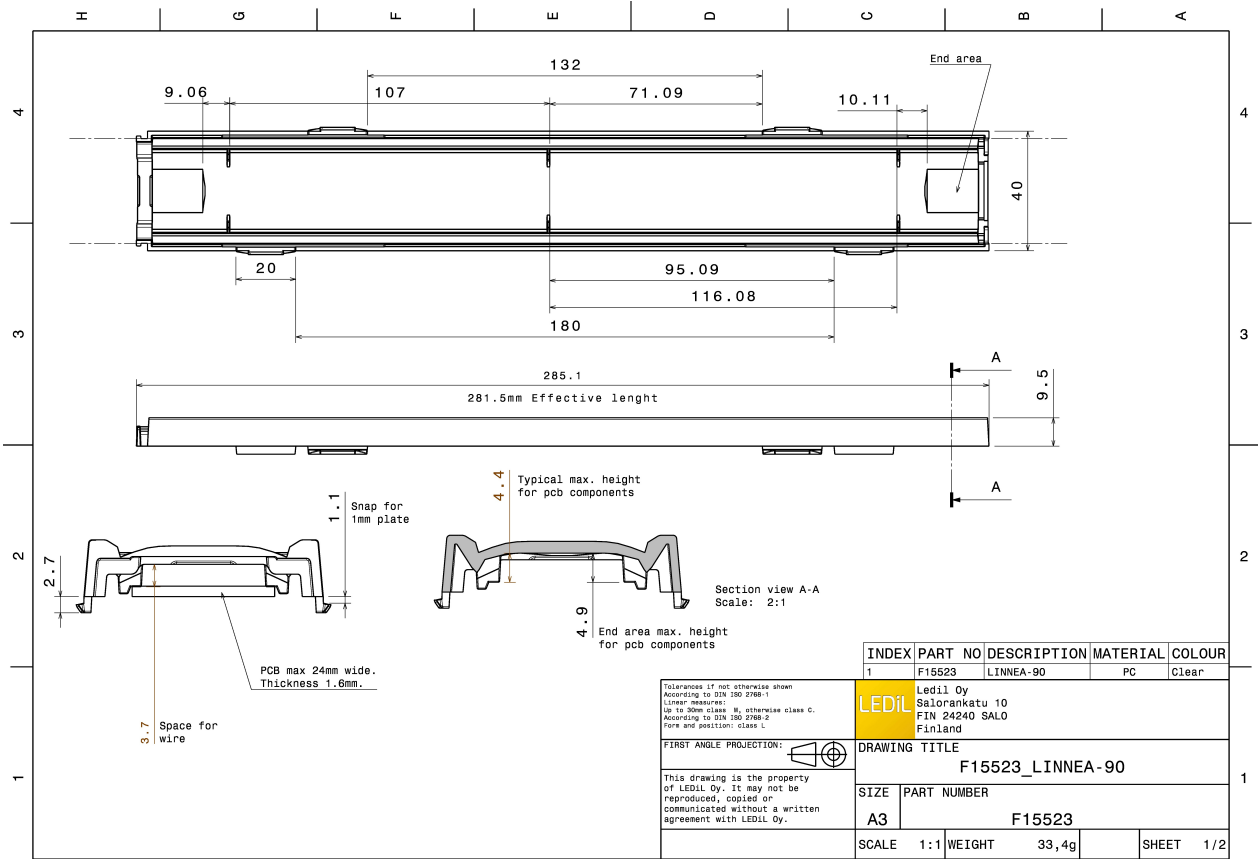
TECHNICAL SPECIFICATIONS:

Dimensions	285x40 mm
Height	9.5 mm
Fastening	clips
Colour	clear
Box size	578 x 378 x 295 mm
Box weight	7 kg
Quantity in Box	180 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

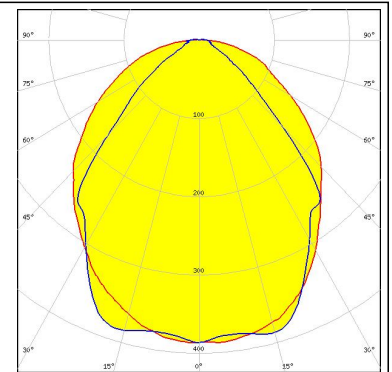
Component	Type	Material	Colour
LINNEA-90	Lens	PC	clear



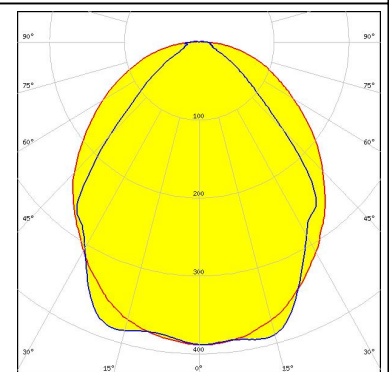
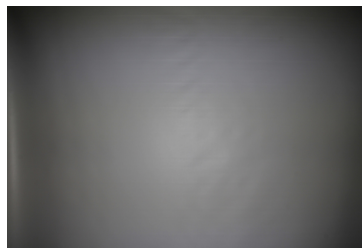
PHOTOMETRIC DATA (MEASURED):



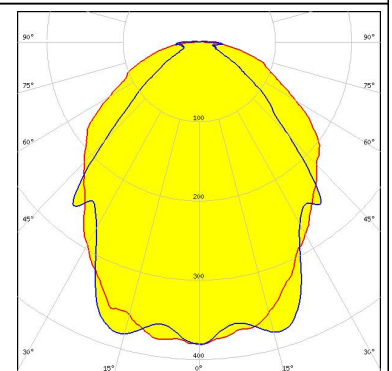
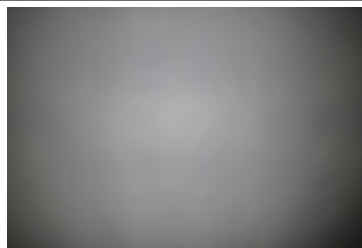
LED CALOSNU405-M7W1
FWHM 104.0 + 87.0°
Efficiency 82 %
Peak intensity 0.390 cd/lm
Required components:



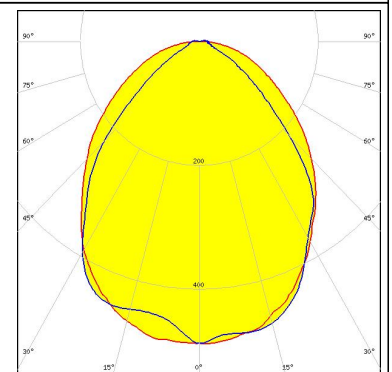
LED CALOSNU410-M7W1
FWHM 104.0 + 86.0°
Efficiency 83 %
Peak intensity 0.390 cd/lm
Required components:



LED XP-E
FWHM 104.0 + 88.0°
Efficiency 81 %
Peak intensity 0.390 cd/lm
Required components:



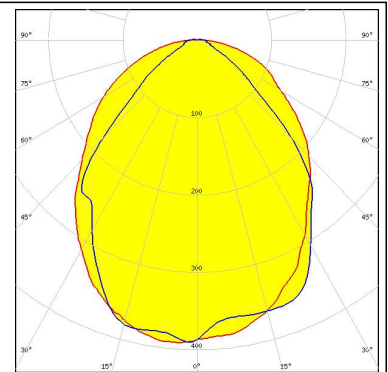
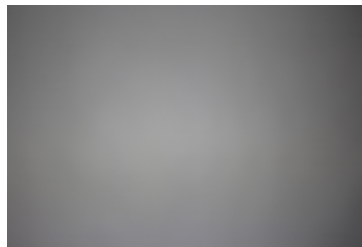
LED NF2x757D
FWHM 86.0 + 99.0°
Efficiency 0 %
Peak intensity 0.480 cd/lm
Required components:



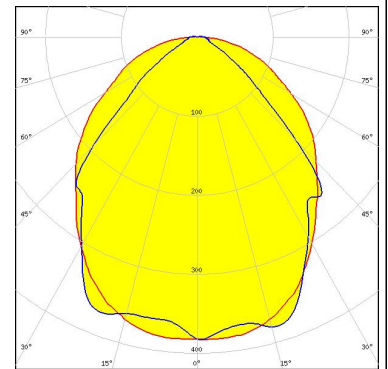
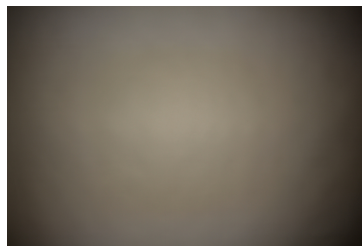
PHOTOMETRIC DATA (MEASURED):



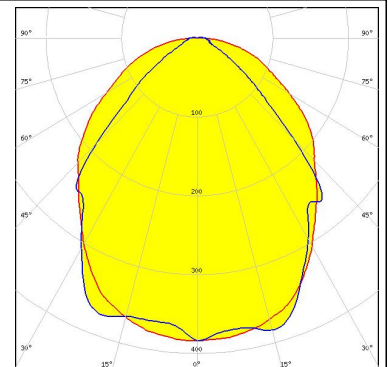
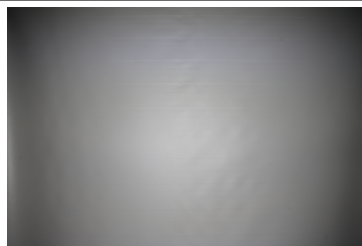
LED NFSx757G
FWHM 98.0 + 88.0°
Efficiency 81 %
Peak intensity 0.390 cd/lm
Required components:



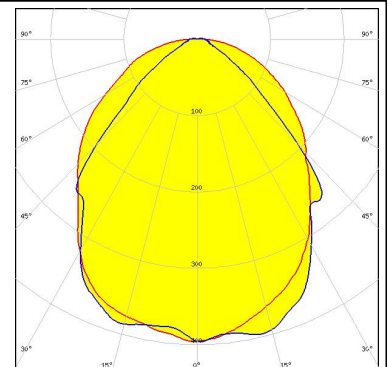
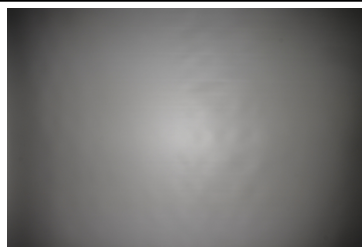
LED PrevaLED Linear Slim 3 (1100lm)
FWHM 103.0 + 90.0°
Efficiency 81 %
Peak intensity 0.380 cd/lm
Required components:



LED PrevaLED Linear Slim 3 (2000lm)
FWHM 103.0 + 89.0°
Efficiency 81 %
Peak intensity 0.380 cd/lm
Required components:



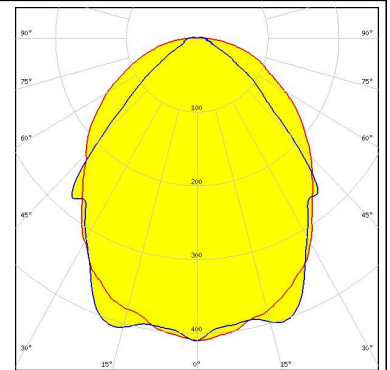
LED Duris S5 (2 chip)
FWHM 99.0 + 89.0°
Efficiency 83 %
Peak intensity 0.400 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

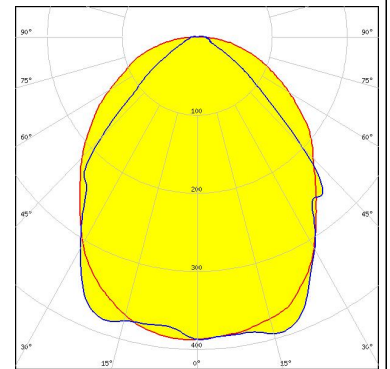
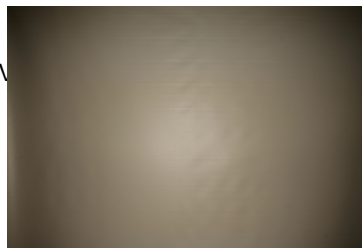
OSRAM
Opto Semiconductors

LED Duris S5 (Single chip)
FWHM 98.0 + 89.0°
Efficiency 85 %
Peak intensity 0.410 cd/lm
Required components:



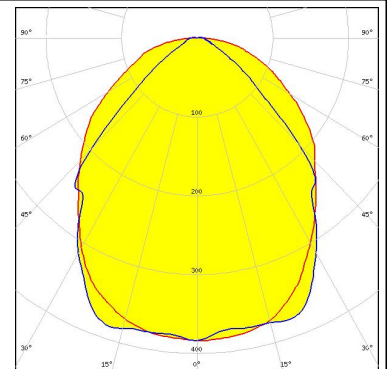
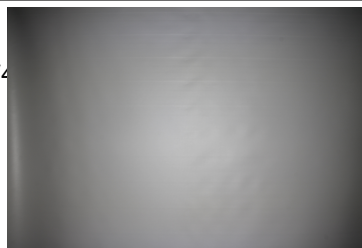
PHILIPS

LED Fortimo LED Strip 1ft 1100lm FC HV4 & LV4
FWHM 100.0 + 89.0°
Efficiency 82 %
Peak intensity 0.400 cd/lm
Required components:



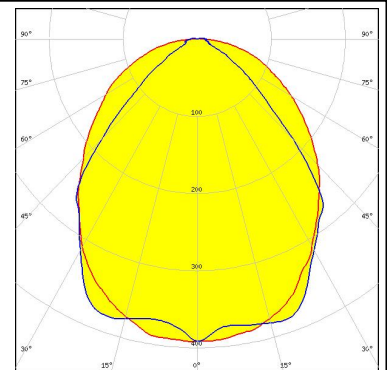
PHILIPS

LED Fortimo LED Strip 1ft 650lm FC HV4 & LV4
FWHM 102.0 + 90.0°
Efficiency 82 %
Peak intensity 0.380 cd/lm
Required components:



SAMSUNG

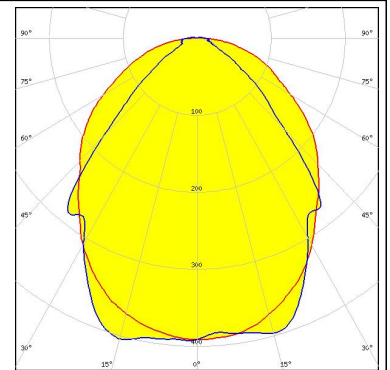
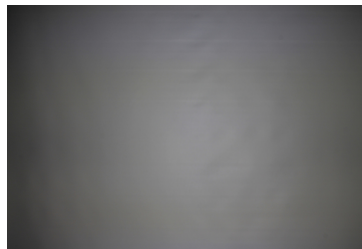
LED LM561B Plus
FWHM 88.0 + 100.0°
Efficiency 83 %
Peak intensity 0.390 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

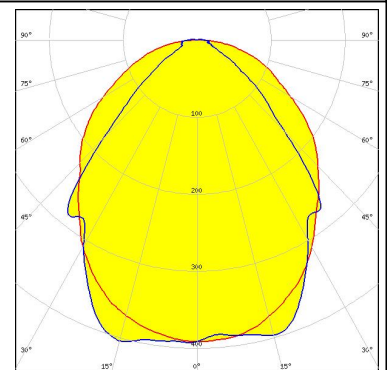
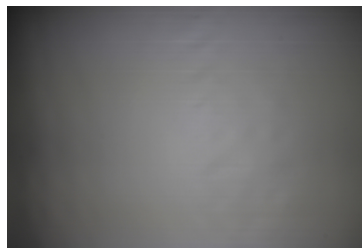
SAMSUNG

LED LT-H282C
FWHM 103.0 + 87.0°
Efficiency 84 %
Peak intensity 0.400 cd/lm
Required components:



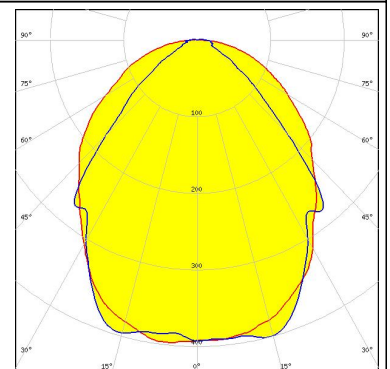
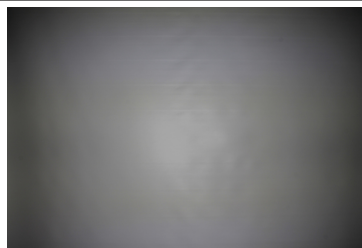
SAMSUNG

LED LT-H562C
FWHM 103.0 + 87.0°
Efficiency 84 %
Peak intensity 0.400 cd/lm
Required components:



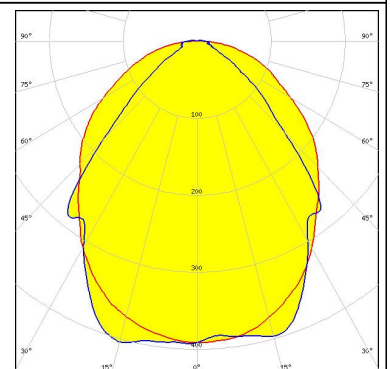
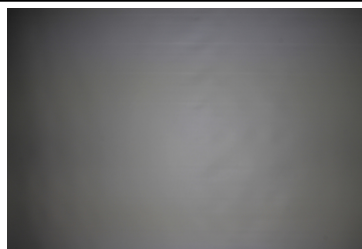
SAMSUNG

LED LT-Q282B
FWHM 101.0 + 87.0°
Efficiency 84 %
Peak intensity 0.400 cd/lm
Required components:



SAMSUNG

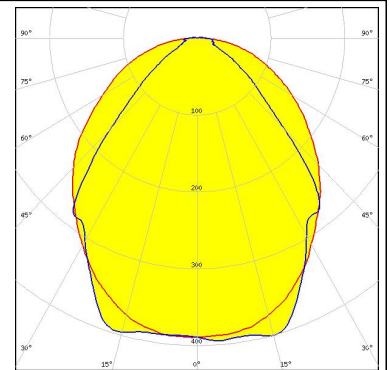
LED LT-S282H
FWHM 104.0 + 86.0°
Efficiency 85 %
Peak intensity 0.400 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

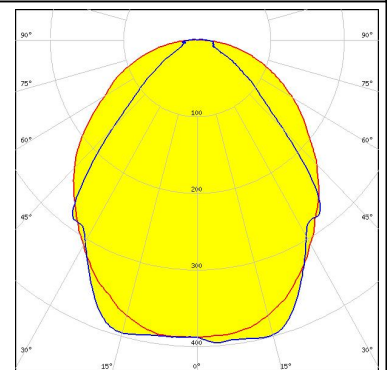
SAMSUNG

LED LT-S562H
FWHM 104.0 + 86.0°
Efficiency 85 %
Peak intensity 0.400 cd/lm
Required components:



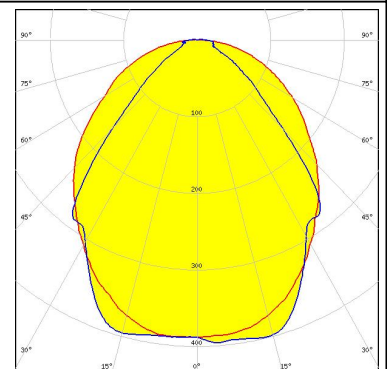
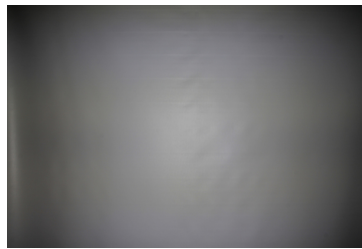
SAMSUNG

LED LT-V282E
FWHM 103.0 + 86.0°
Efficiency 85 %
Peak intensity 0.400 cd/lm
Required components:



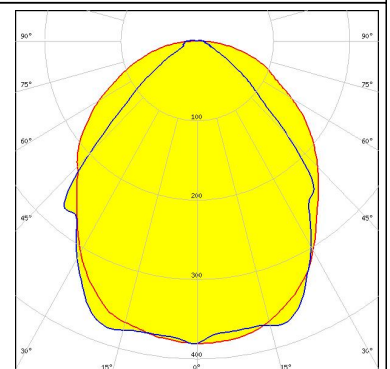
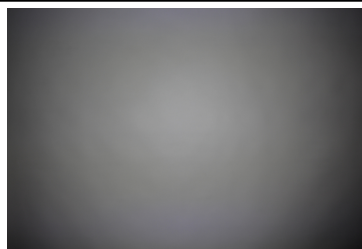
SAMSUNG

LED LT-V562E
FWHM 103.0 + 86.0°
Efficiency 85 %
Peak intensity 0.400 cd/lm
Required components:



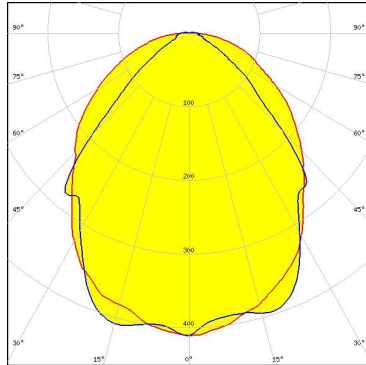
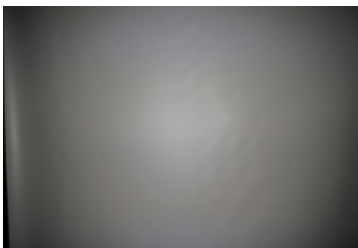
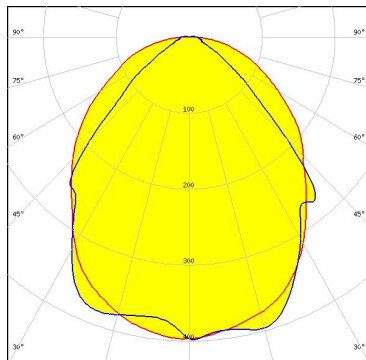

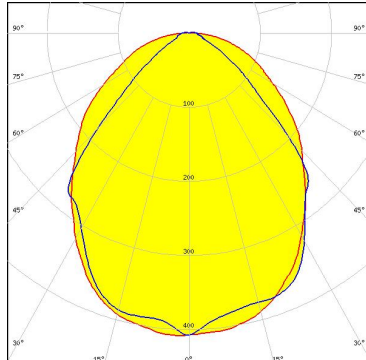
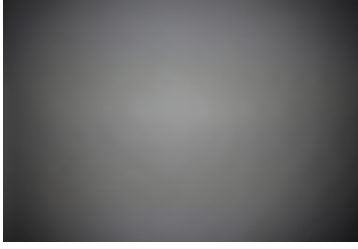
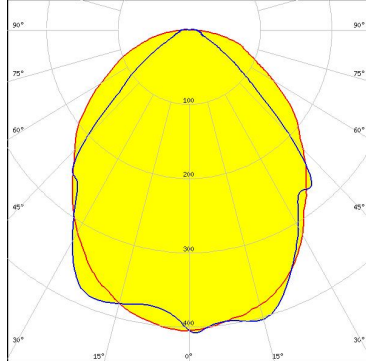


SEOUL SEMICONDUCTOR

LED SEOUL 5630D
FWHM 93.0°
Efficiency 82 %
Peak intensity 0.380 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED SunLike 3030 FWHM 99.0 + 88.0° Efficiency 85 % Peak intensity 0.410 cd/lm Required components:</p>		
<p>TRIDONIC</p> <p>LED LLE G4 24x280mm 1250lm FWHM 100.0 + 89.0° Efficiency 83 % Peak intensity 0.400 cd/lm Required components:</p>		
<p>TRIDONIC</p> <p>LED LLE G4 24x280mm 2000lm ADV FWHM 98.0 + 88.0° Efficiency 83 % Peak intensity 0.410 cd/lm Required components:</p>		
<p>TRIDONIC</p> <p>LED LLE G4 24x280mm 650lm FWHM 99.0 + 89.0° Efficiency 84 % Peak intensity 0.410 cd/lm Required components:</p>		

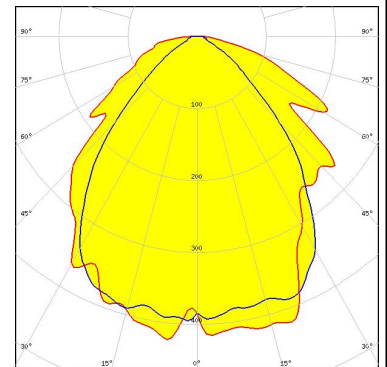
PHOTOMETRIC DATA (SIMULATED):



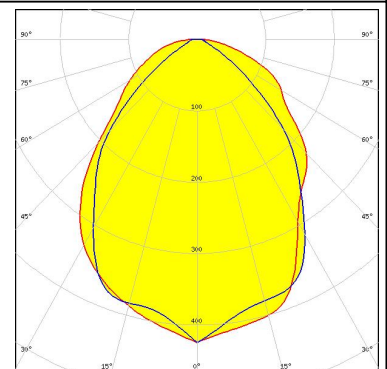
LED LUXEON 3030 2D
FWHM 93.0 + 84.0°
Efficiency 82 %
Peak intensity 0.400 cd/lm
Required components:



LED NF2x757G
FWHM 83.0 + 99.0°
Efficiency 83 %
Peak intensity 0.420 cd/lm
Required components:



LED Duris E 2835
FWHM 83.0 + 91.0°
Efficiency 82 %
Peak intensity 0.430 cd/lm
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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Hong Kong, China

Distribution Partners

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