

LINNEA-90-PMMA

~90° + 90° wide beam optimized for 1.0 mm metal sheet or profile. Variant made from PMMA.

TECHNICAL SPECIFICATIONS:

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

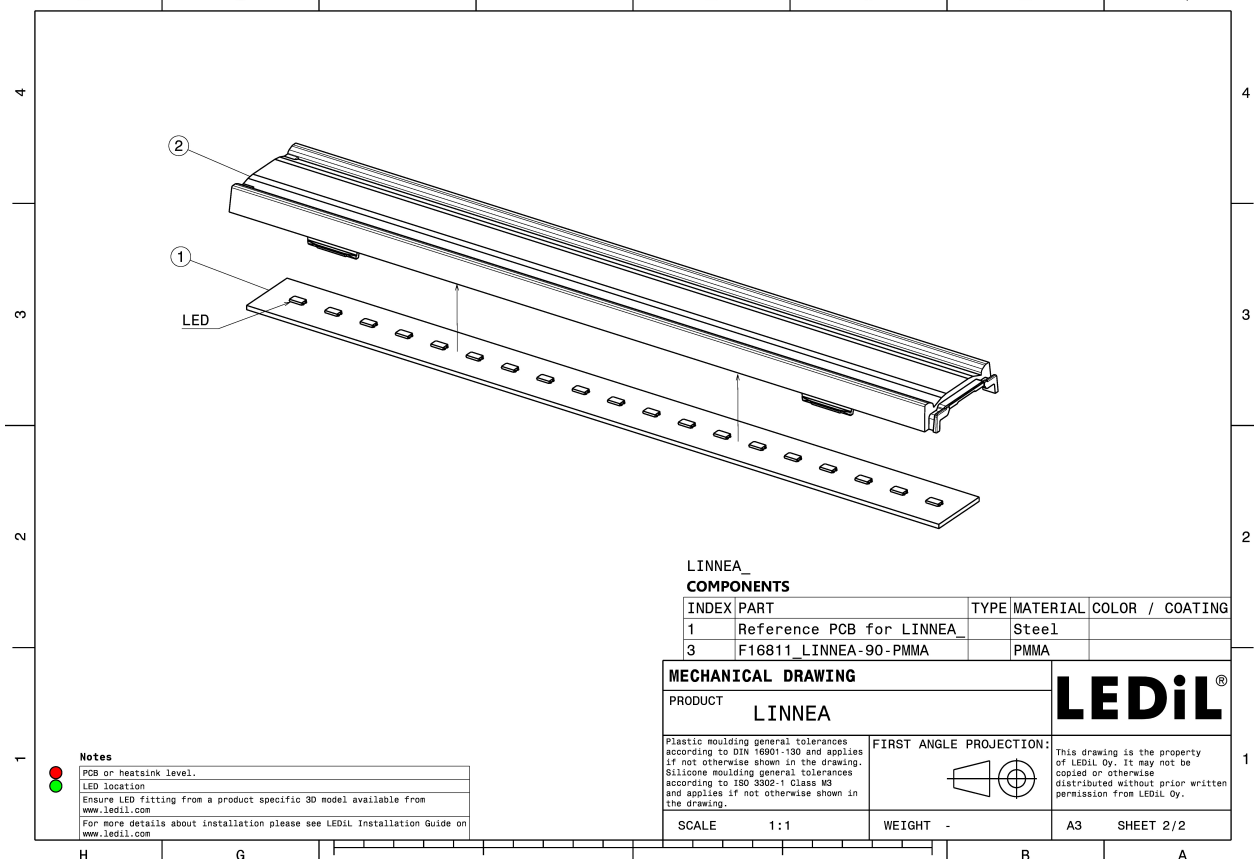
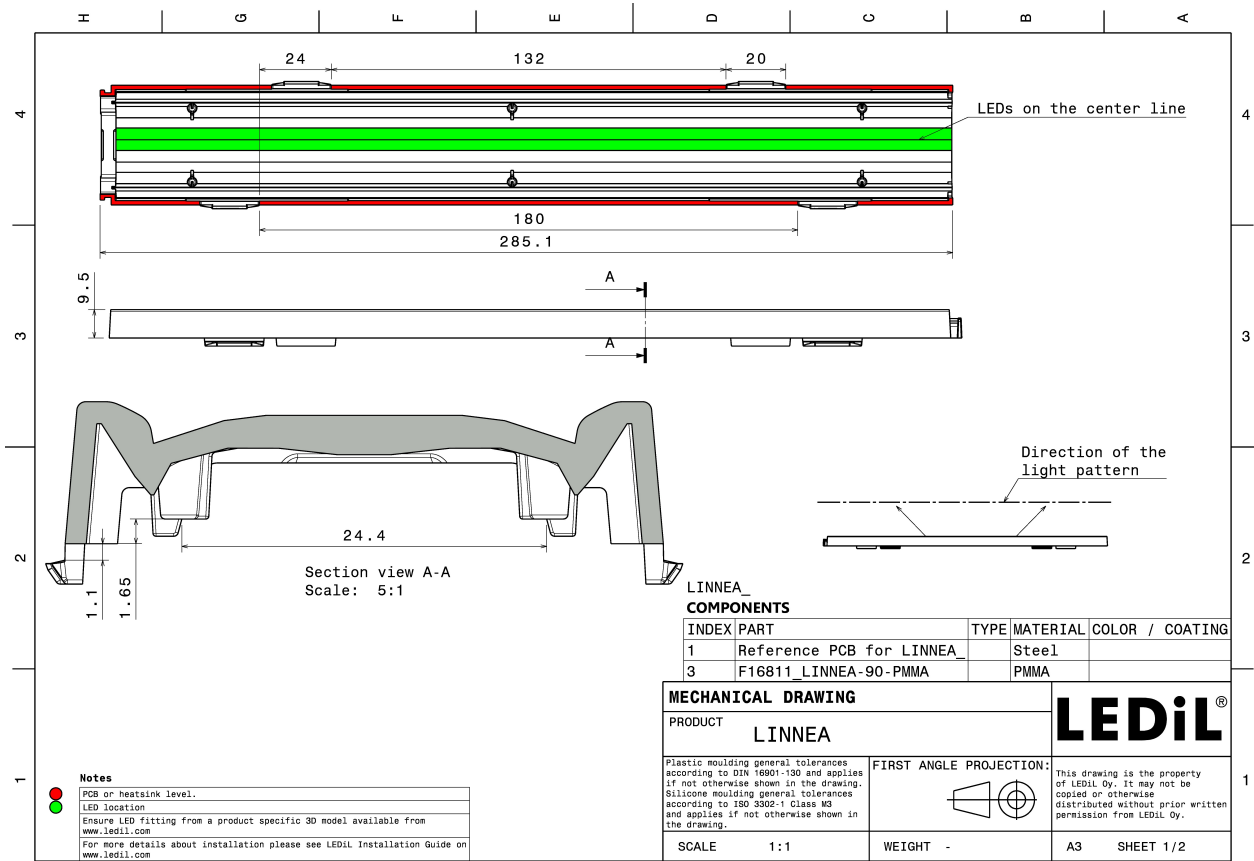
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

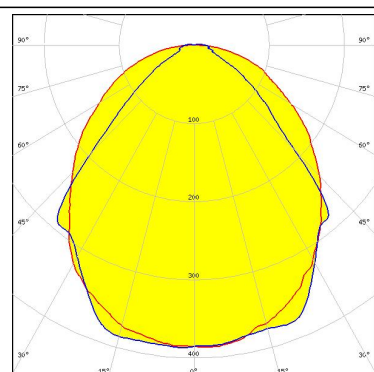
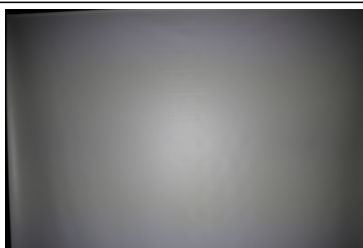
Component	Qty in box	MOQ	MPQ	Box weight (kg)
F16811_LINNEA-90-PMMA » Box size: 578 x 378 x 295 mm	180	30	30	7.0



PHOTOMETRIC DATA (MEASURED):

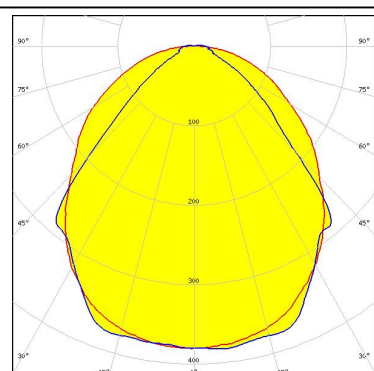
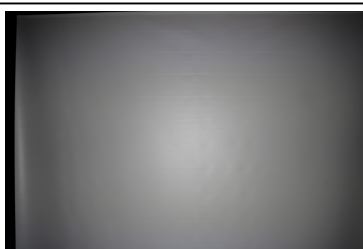
Helvar

LED LP-282-840-009A 60/300
 FWHM 104.0 + 90.0°
 Efficiency 88 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



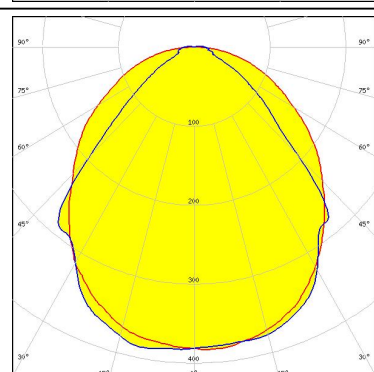
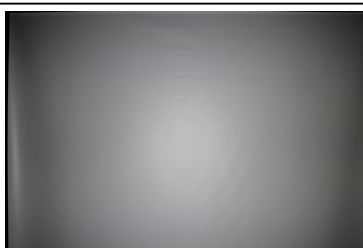
Helvar

LED LS-282-840-011A
 FWHM 106.0 + 90.0°
 Efficiency 88 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



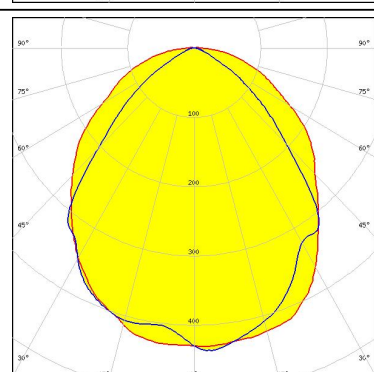
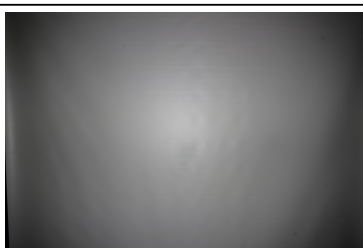
Helvar

LED LX-282-840-023A
 FWHM 106.0 + 90.0°
 Efficiency 88 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

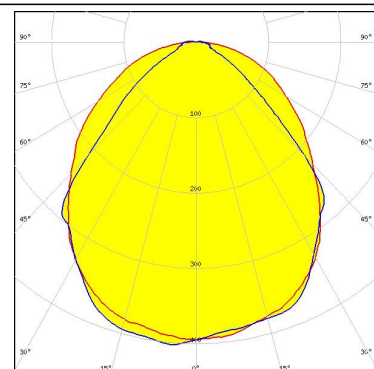
LED NF2x757G
 FWHM 106.0 + 88.0°
 Efficiency 92 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

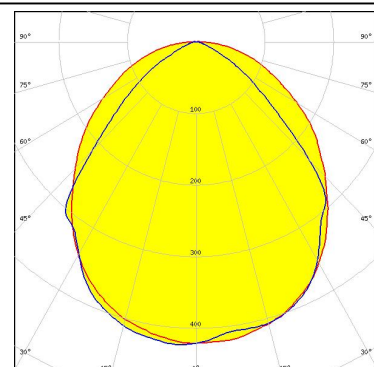
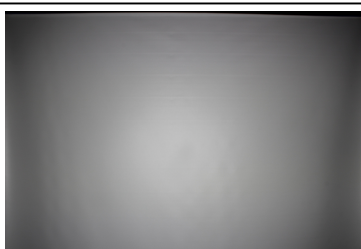


LED NFSW757H
FWHM 104.0 + 91.0°
Efficiency 88 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



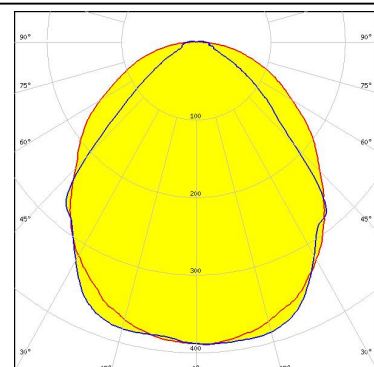
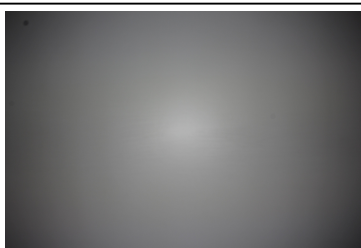
OSRAM

LED PL-LIN-IND-Z1 2800 560x24
FWHM 106.0 + 92.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



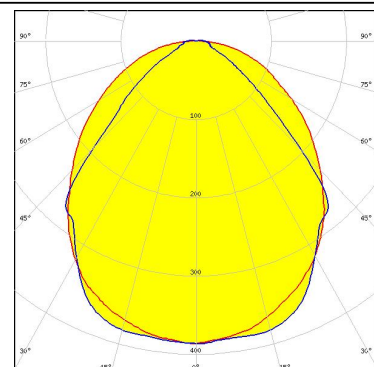
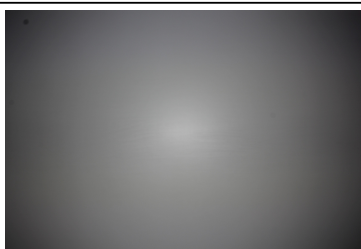
OSRAM

LED PL-LIN-Z5 1100 280x20
FWHM 104.0 + 90.0°
Efficiency 87 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

LED PL-LIN-Z5 2000 280x20
FWHM 104.0 + 91.0°
Efficiency 87 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

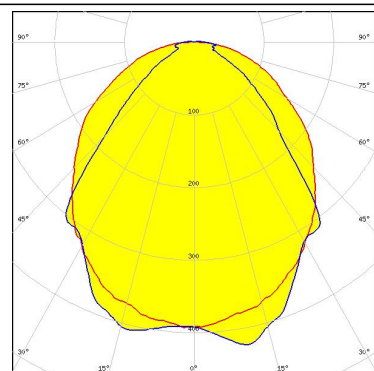
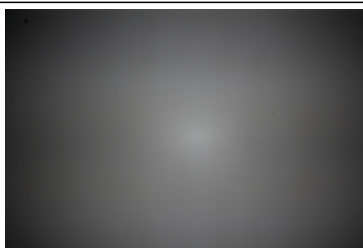


PHOTOMETRIC DATA (MEASURED):

OSRAM

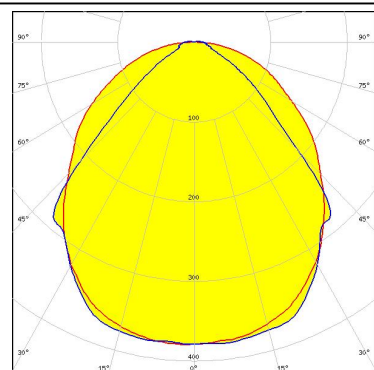
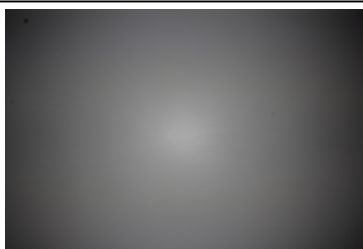
Opto Semiconductors

LED Duris E 2835
FWHM 108.0 + 87.0°
Efficiency 90 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



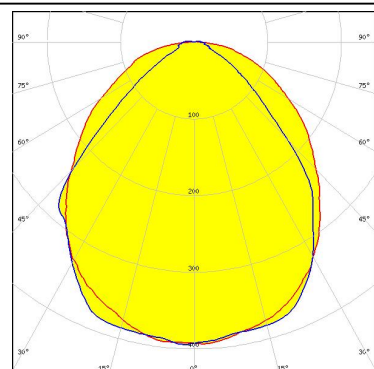
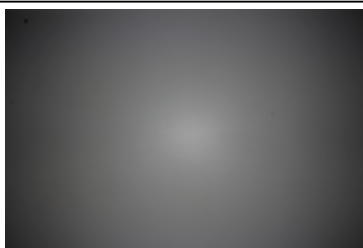
PHILIPS

LED Fortimo LED Strip 1ft 1100lm FC HV4 & LV4
FWHM 107.0 + 91.0°
Efficiency 88 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



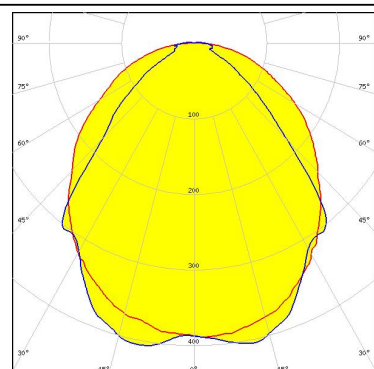
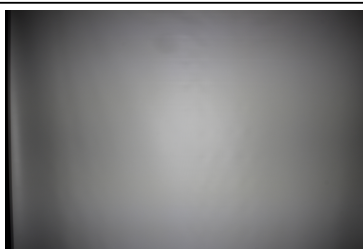
PHILIPS

LED Fortimo LED Strip 1ft 650lm FC HV4 & LV4
FWHM 103.0 + 90.0°
Efficiency 88 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

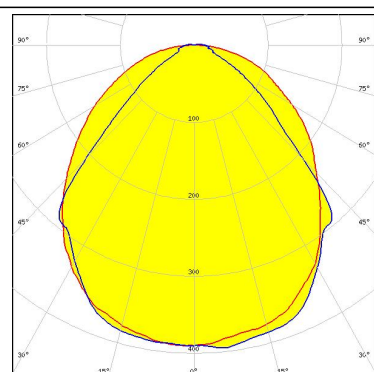
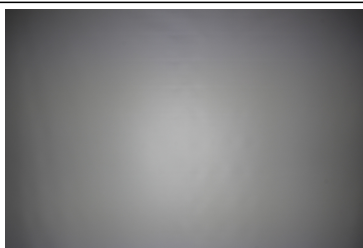
LED LM28xB Series
FWHM 107.0 + 88.0°
Efficiency 90 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

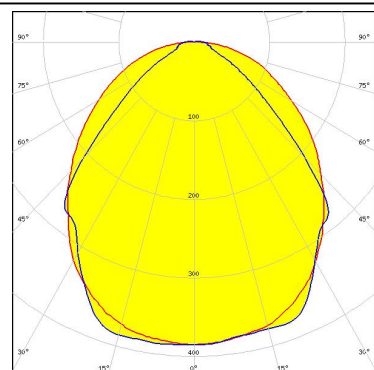
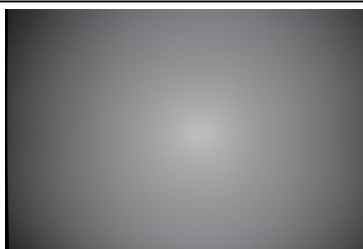
SAMSUNG

LED LM301B
FWHM 106.0 + 91.0°
Efficiency 90 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



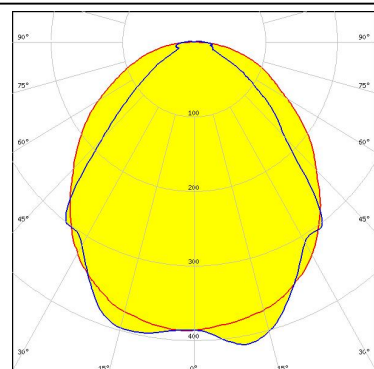
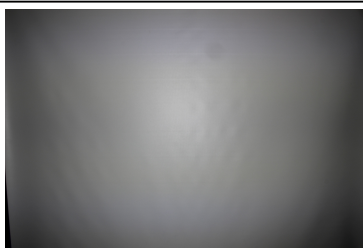
SAMSUNG

LED LM561B Plus
FWHM 105.0 + 92.0°
Efficiency 89 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



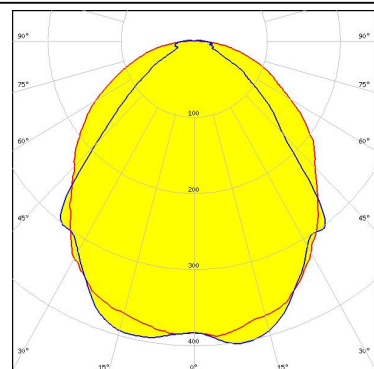
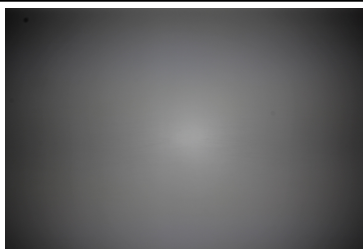
SAMSUNG

LED LT-H282C
FWHM 107.0 + 87.0°
Efficiency 89 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

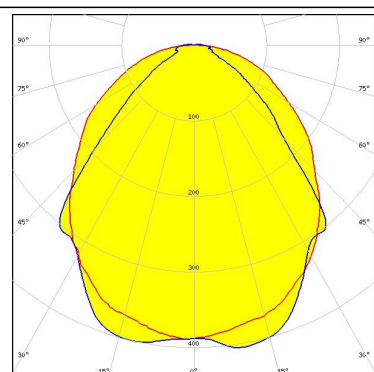
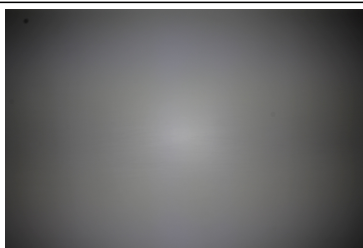
LED LT-Q282B
FWHM 106.0 + 87.0°
Efficiency 89 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

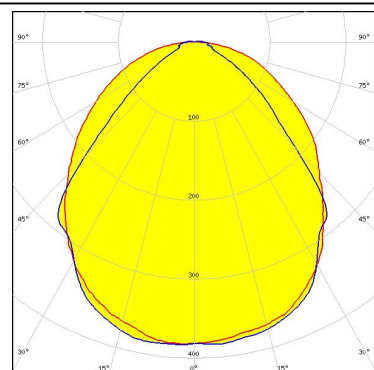
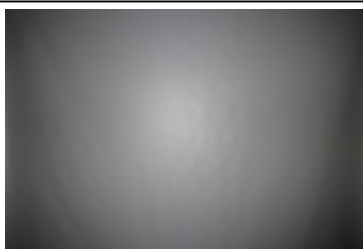
SAMSUNG

LED LT-V282E
FWHM 105.0 + 88.0°
Efficiency 89 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



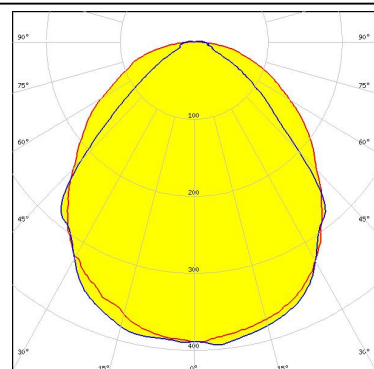
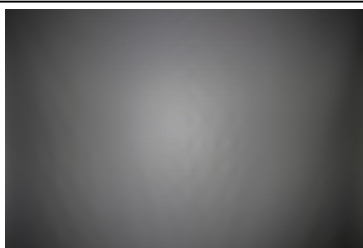
TRIDONIC

LED LLE 24x280mm 1250lm HV ADV5
FWHM 106.0 + 90.0°
Efficiency 88 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



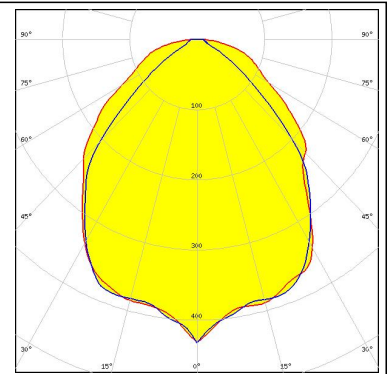
TRIDONIC

LED LLE 24x280mm 650lm HV ADV5
FWHM 104.0 + 91.0°
Efficiency 88 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

 SEOUL SEMICONDUCTOR	
LED	SEOUL DC 3030C
FWHM	96.0 + 88.0°
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.

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