

LINNEA-UP

Asymmetric beam for uplighting optimized for 1.0 mm metal sheet or profile. Variant made from PC.

SPECIFICATION:

Dimensions	285.0 x 40.0 mm
Height	10.3 mm
Fastening	clips
ROHS compliant	yes ⓘ

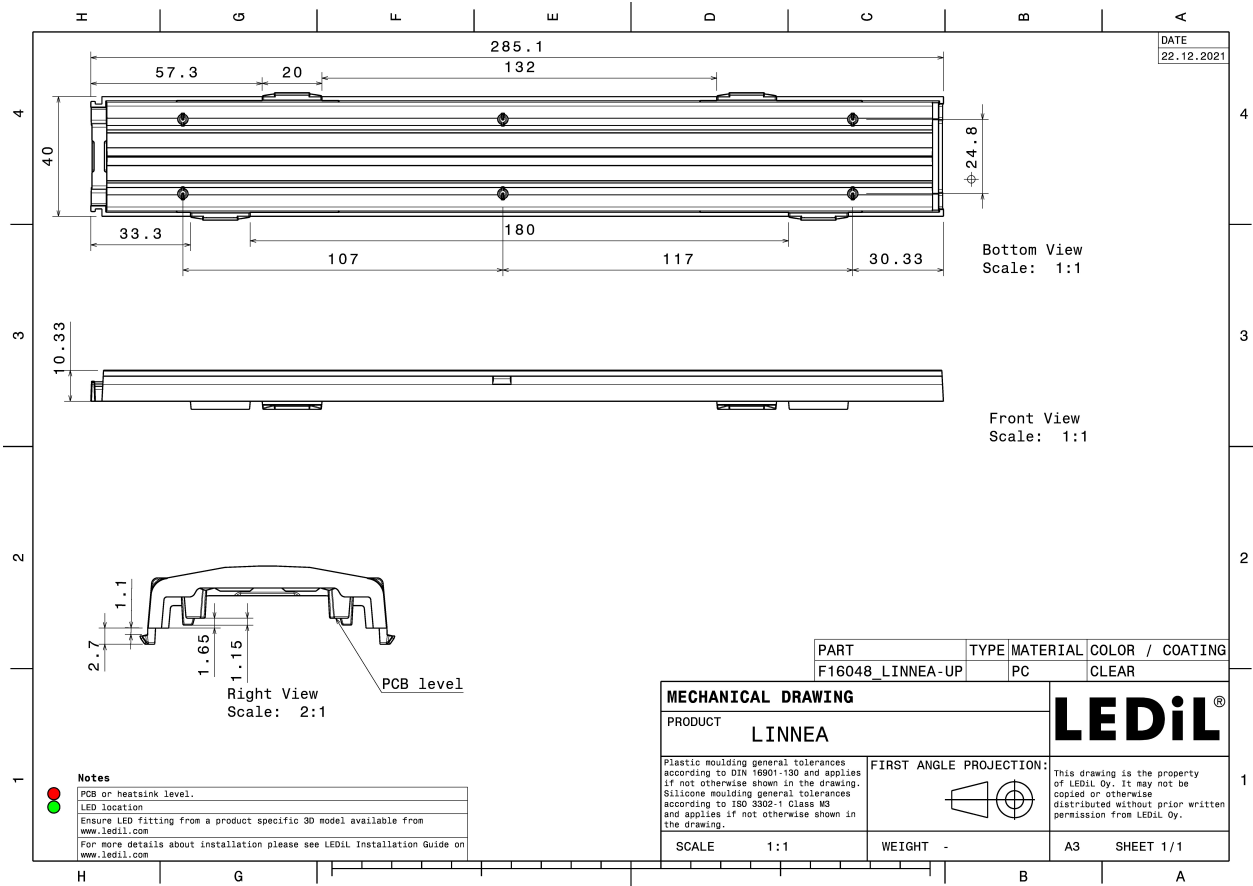


MATERIALS:

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

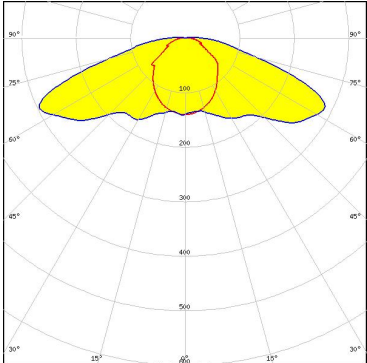
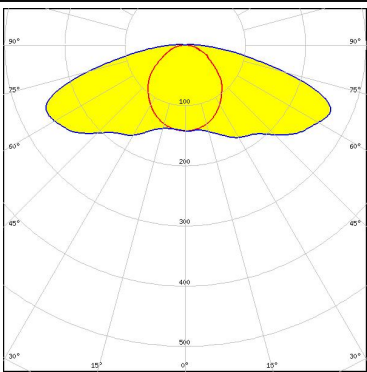
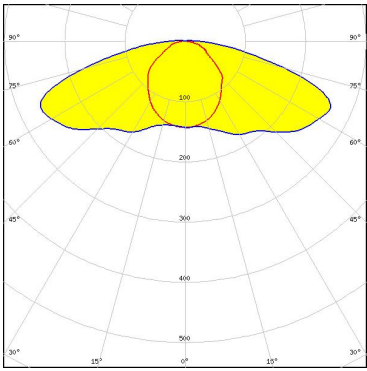
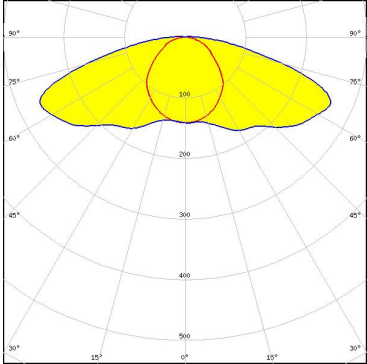
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F16048_LINNEA-UP » Box size: 398 x 298 x 265 mm	162	36	36	8.2

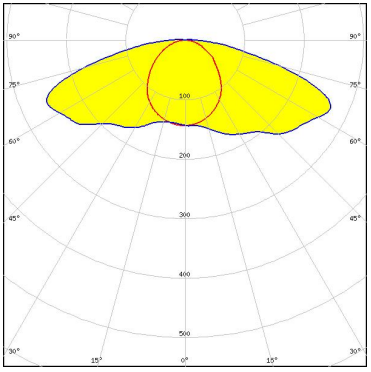
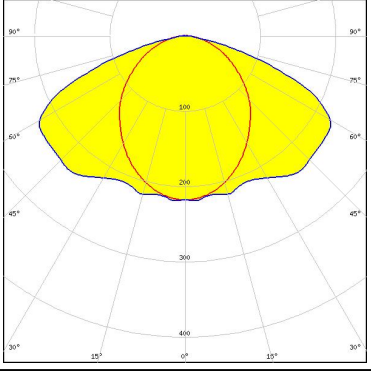
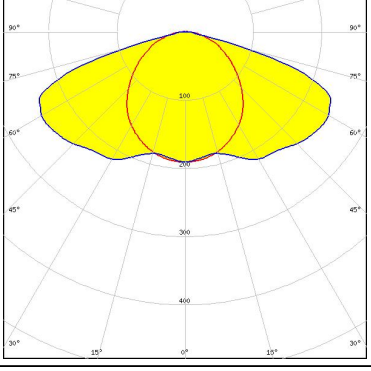
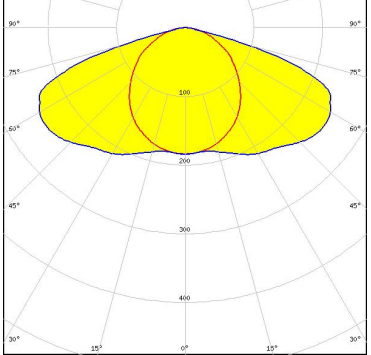


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

<p>CREE → LED</p> <p>LED XP-E FWHM / FWTM Asymmetric Efficiency 76 % Peak intensity 0.3 cd/m LEDs/each optic 1 Light colour White Required components:</p>	
<p>Helvar</p> <p>LED L-iC-282-827-865-011A FWHM / FWTM Asymmetric Efficiency 74 % Peak intensity 0.3 cd/m LEDs/each optic 1 Light colour White Required components:</p>	
<p>Helvar</p> <p>LED LP-282-840-009A 60/300 FWHM / FWTM Asymmetric Efficiency 75 % Peak intensity 0.3 cd/m LEDs/each optic 1 Light colour White Required components:</p>	
<p>Helvar</p> <p>LED LS-282-840-011A FWHM / FWTM Asymmetric Efficiency 74 % Peak intensity 0.3 cd/m LEDs/each optic 1 Light colour White Required components:</p>	

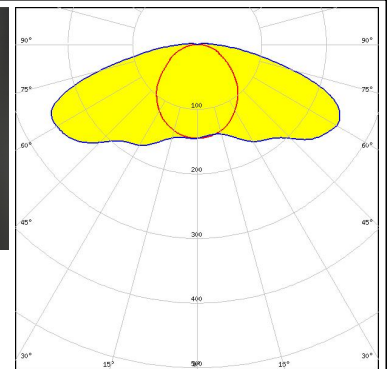
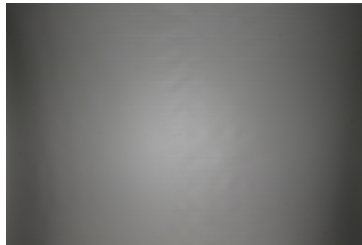
OPTICAL RESULTS (MEASURED):

<p>Helvar</p> <p>LED LX-282-840-023A FWHM / FWTM Asymmetric Efficiency 75 % Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMITRONIX[®] <small>High-Performance LED-Technologies & Solutions</small></p> <p>LED LinearZ 280-112 Circadian TW FWHM / FWTM Asymmetric Efficiency 77 % Peak intensity 0.2 cd/lm LEDs/each optic 1 Light colour Tunable White Required components:</p>	
<p>LUMITRONIX[®] <small>High-Performance LED-Technologies & Solutions</small></p> <p>LED LinearZ 280-26 FWHM / FWTM Asymmetric Efficiency 75 % Peak intensity 0.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMITRONIX[®] <small>High-Performance LED-Technologies & Solutions</small></p> <p>LED LinearZ 280-40 TW FWHM / FWTM Asymmetric Efficiency 76 % Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour Tunable White Required components:</p>	

OPTICAL RESULTS (MEASURED):

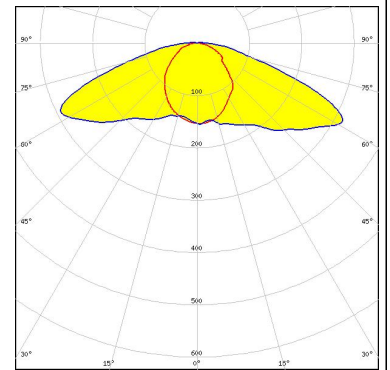
MST Your solutions

LED LinLED 280x24mm 1100lm 830 2C 30V LINNEA-GC G1
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



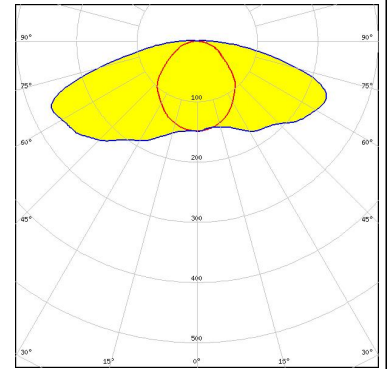
NICHIA

LED NF2x757G
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



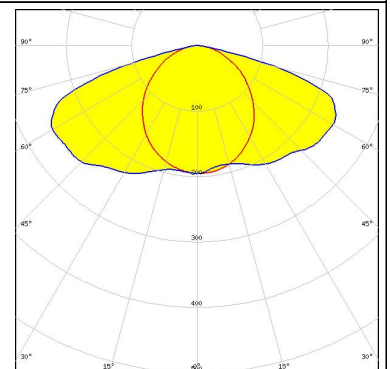
NICHIA

LED NFSW757H
 FWHM / FWTM Asymmetric
 Efficiency 74 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

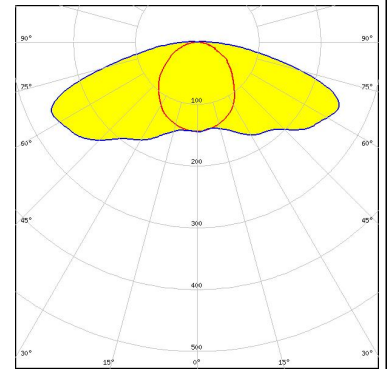
LED PL-LIN-IND-Z1 2800 560x24
 FWHM / FWTM Asymmetric
 Efficiency 78 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

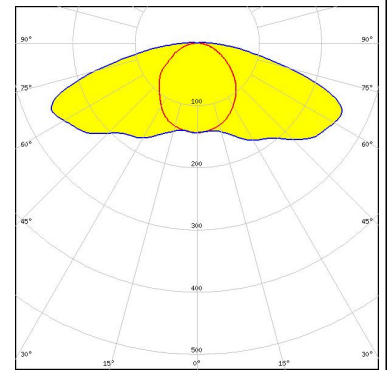
OSRAM

LED PL-LIN-Z5 1100 280x20
 FWHM / FWTM Asymmetric
 Efficiency 74 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

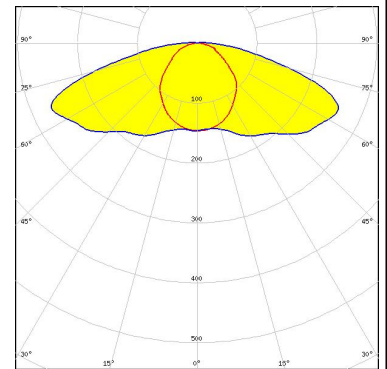
LED PL-LIN-Z5 2000 280x20
 FWHM / FWTM Asymmetric
 Efficiency 74 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

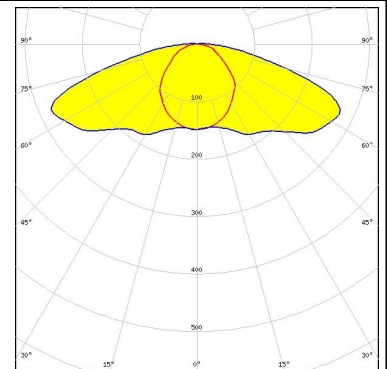
LED Duris S5 (2 chip)
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

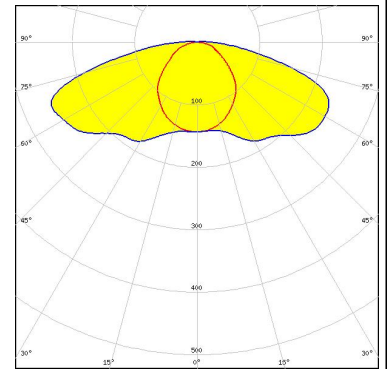
LED Duris S5 (Single chip)
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

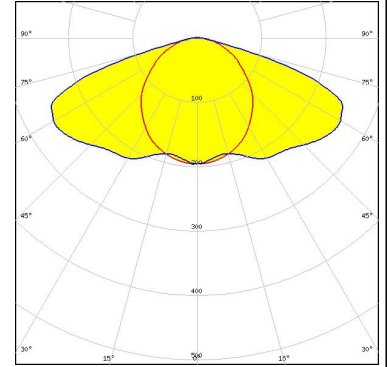
PHILIPS

LED Fortimo LED Strip 1ft 1100lm FC HV4 & LV4
 FWHM / FWTM Asymmetric
 Efficiency 73 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



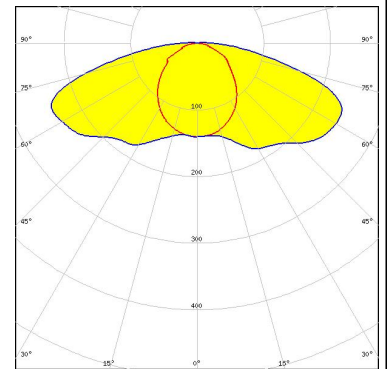
PHILIPS

LED Fortimo LED Strip 1ft 1100lm FC HV5 & LV5
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



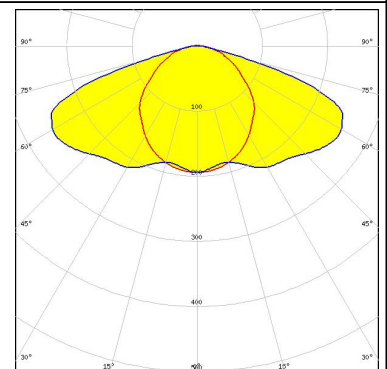
PHILIPS

LED Fortimo LED Strip 1ft 650lm FC HV4 & LV4
 FWHM / FWTM Asymmetric
 Efficiency 73 %
 Peak intensity 0.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHILIPS

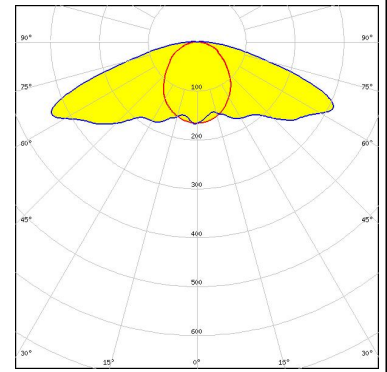
LED Fortimo LED Strip 1ft 650lm FC HV5 & LV5
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

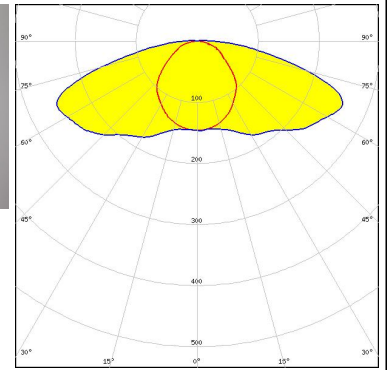
SAMSUNG

LED LM28xB Series
 FWHM / FWTM Asymmetric
 Efficiency 82 %
 Peak intensity 0.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



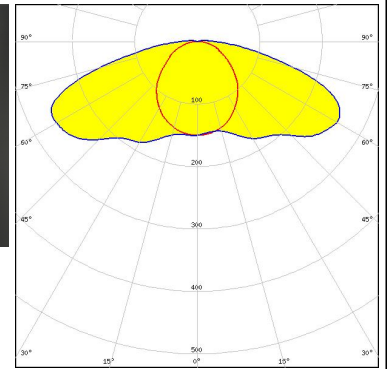
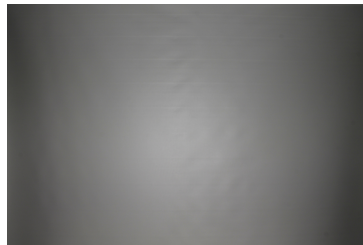
SAMSUNG

LED LM301B
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



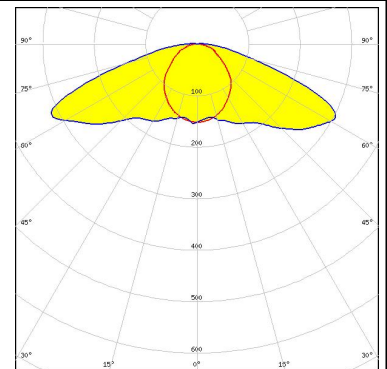
SAMSUNG

LED LM561B Plus
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

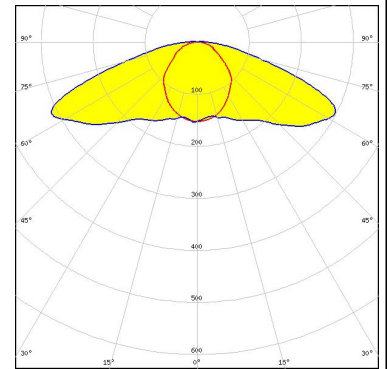
LED LT-H282C
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

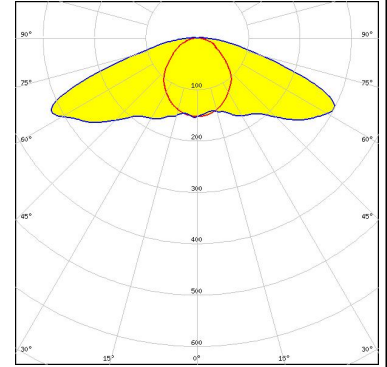
SAMSUNG

LED LT-Q282B
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



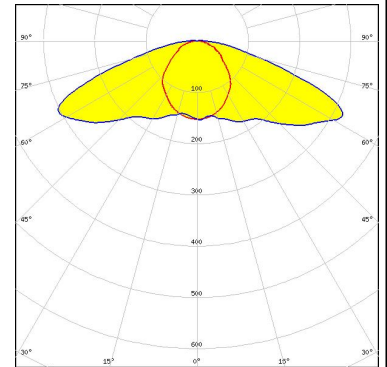
SAMSUNG

LED LT-S282H
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



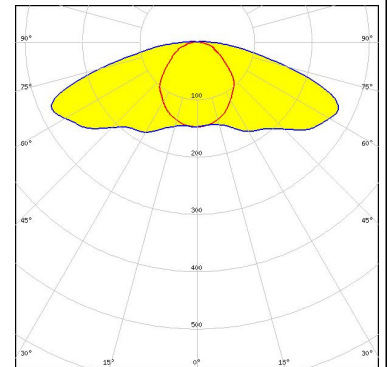
SAMSUNG

LED LT-V282E
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

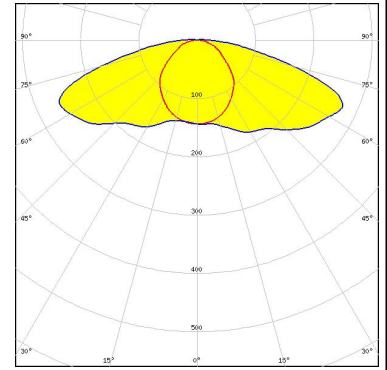
LED SEOUL DC 3030
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

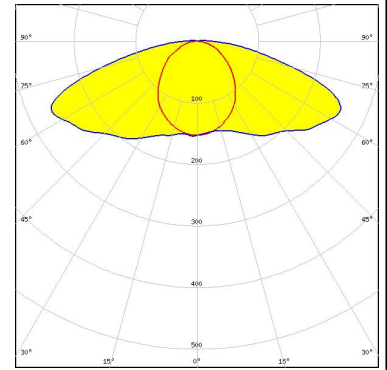
TRIDONIC

LED LLE G4 24x280mm 1250lm
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



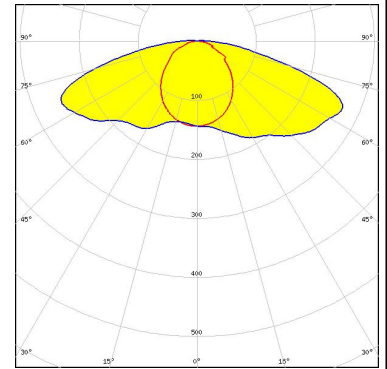
TRIDONIC

LED LLE G4 24x280mm 2000lm ADV
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:


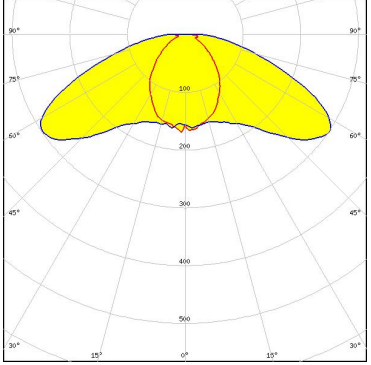

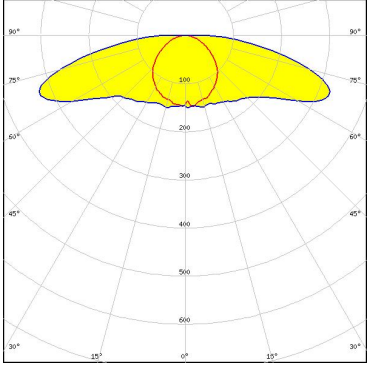


TRIDONIC

LED LLE G4 24x280mm 650lm
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

		
LED	LUXEON 3030 2D (Round LES)	
FWHM / FWTM	Asymmetric	
Efficiency	75 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	SEOUL DC 3030C	
FWHM / FWTM	Asymmetric	
Efficiency	79 %	
Peak intensity	0.3 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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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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Distribution Partners

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