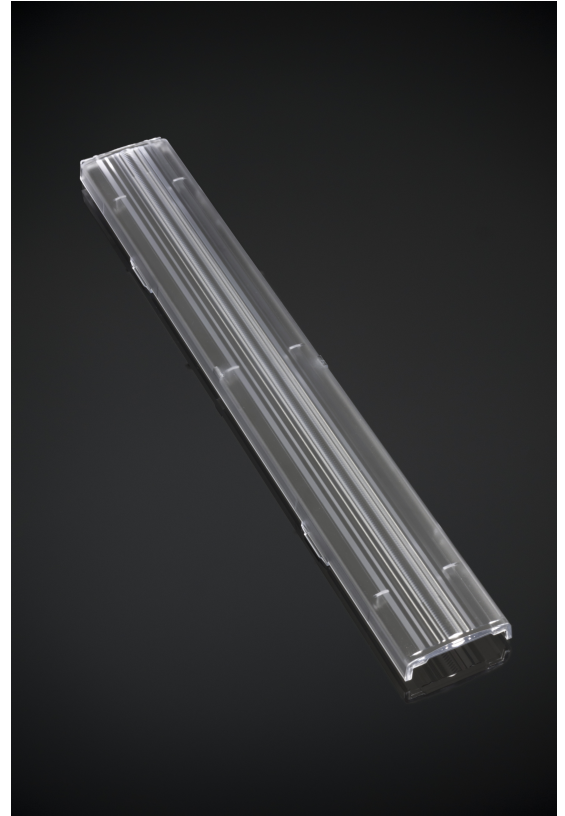


LINNEA-UP

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

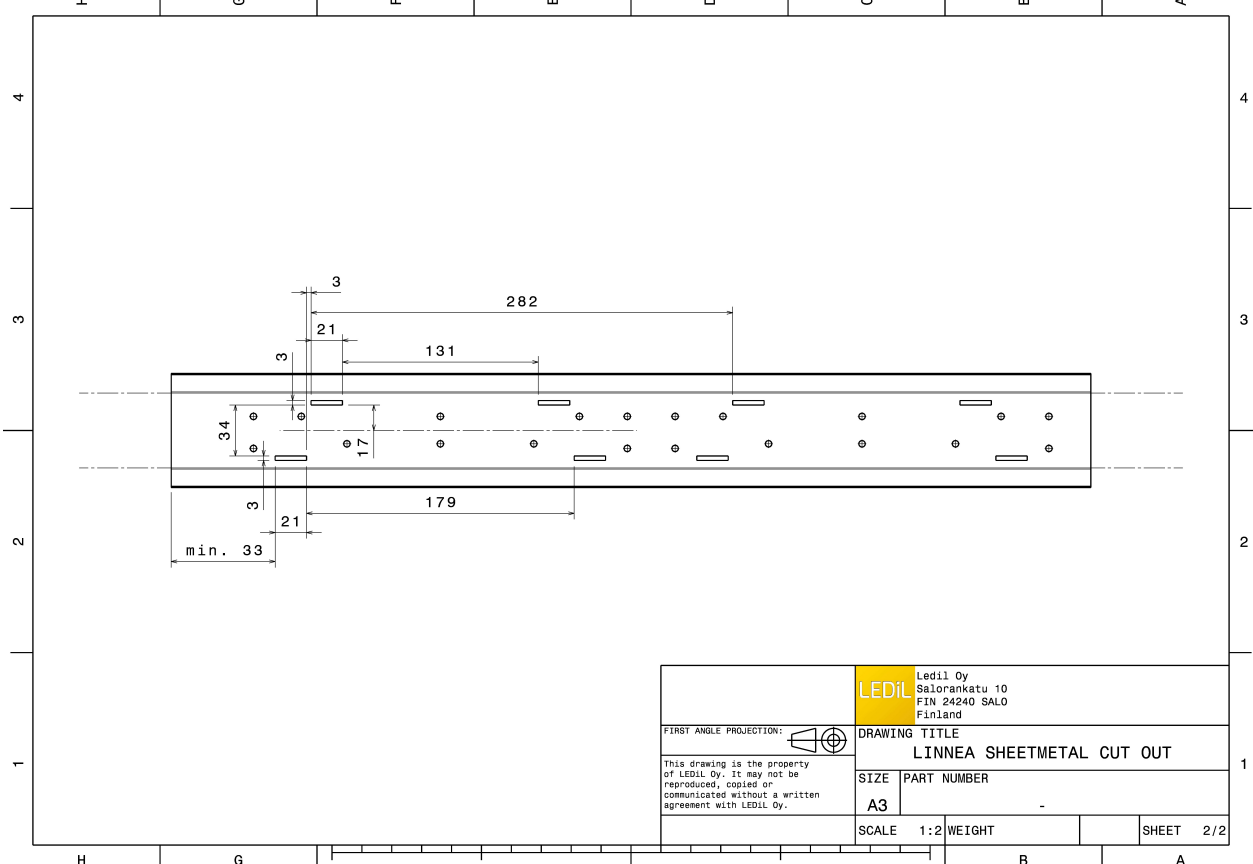
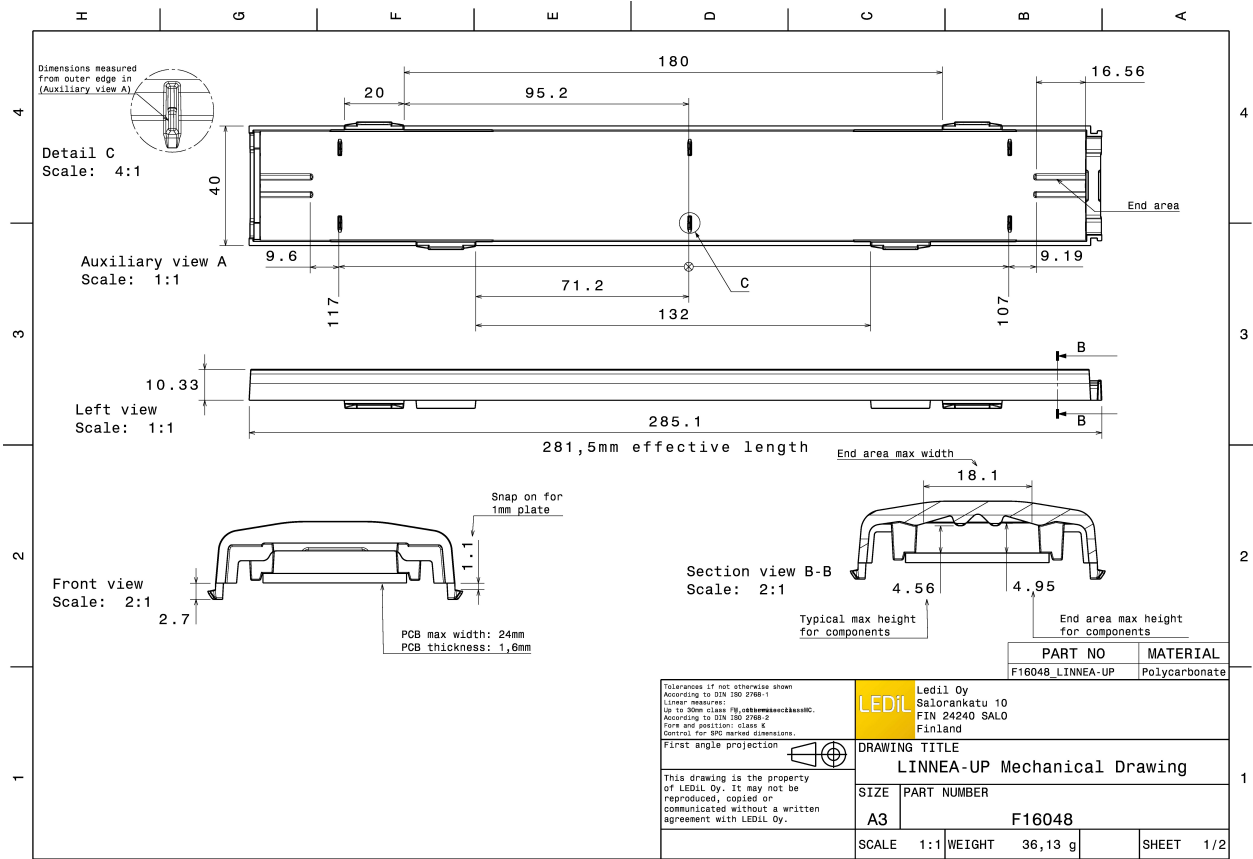
TECHNICAL SPECIFICATIONS:

Dimensions	285.0 x 40.0 mm
Height	10.3 mm
Fastening	clips
Colour	clear
Box size	578 x 378 x 295 mm
Box weight	7.3 kg
Quantity in Box	180 pcs
ROHS compliant	yes ⓘ

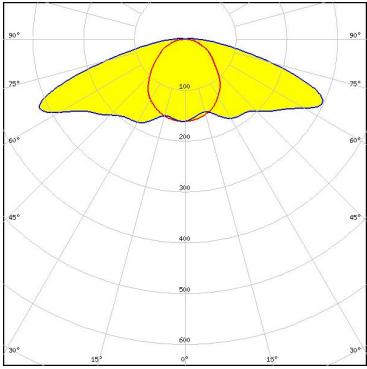
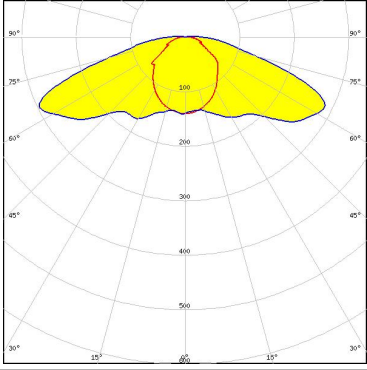
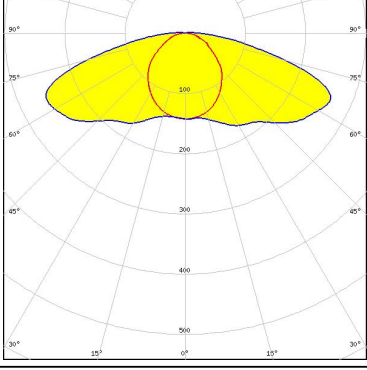
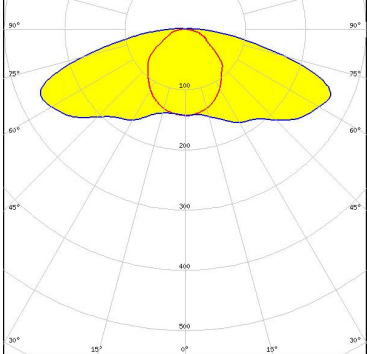


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LINNEA-UP	Linear lens	PC	clear



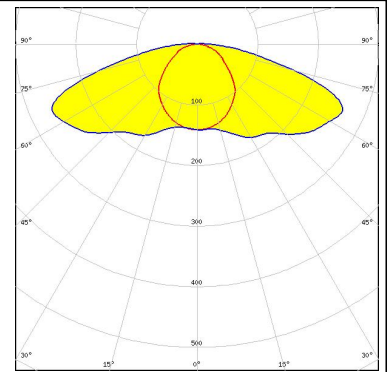
PHOTOMETRIC DATA (MEASURED):

<p>COMET ELECTRONICS</p> <p>LED Tridino 1ft 1100lm xxxHE 1R HV FWHM Asymmetric Efficiency 79 % Peak intensity 0.320 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE</p> <p>LED XP-E FWHM Asymmetric Efficiency 76 % Peak intensity 0.300 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>Helvar</p> <p>LED L-iC-282-827-865-011A FWHM Asymmetric Efficiency 74 % Peak intensity 0.270 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>Helvar</p> <p>LED LP-282-840-009A 60/300 FWHM Asymmetric Efficiency 75 % Peak intensity 0.270 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

PHOTOMETRIC DATA (MEASURED):

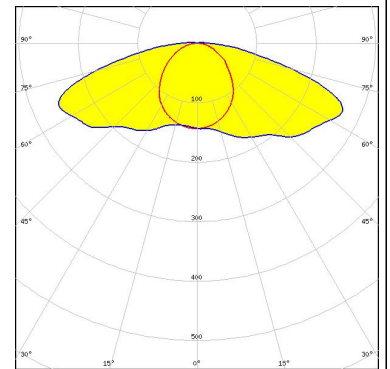
Helvar

LED LS-282-840-011A
 FWHM Asymmetric
 Efficiency 74 %
 Peak intensity 0.260 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



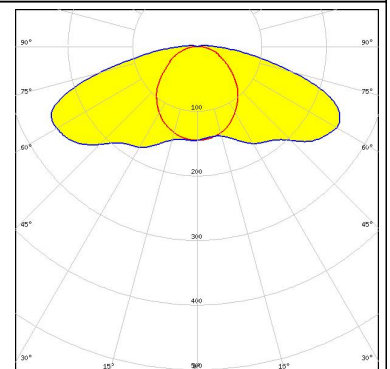
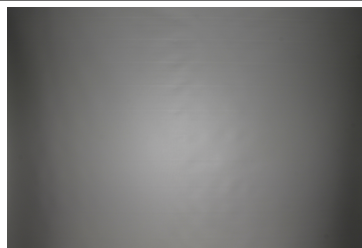
Helvar

LED LX-282-840-023A
 FWHM Asymmetric
 Efficiency 75 %
 Peak intensity 0.270 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



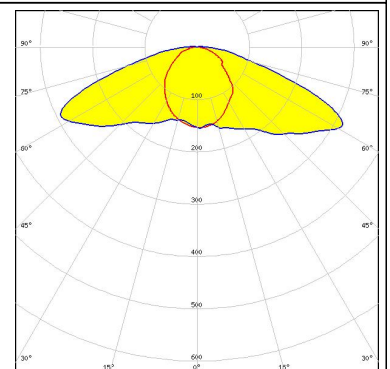
MST Your solutions

LED LinLED 280x24mm 1100lm 8x0 4C 30V Opt G1
 FWHM Asymmetric
 Efficiency 76 %
 Peak intensity 0.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

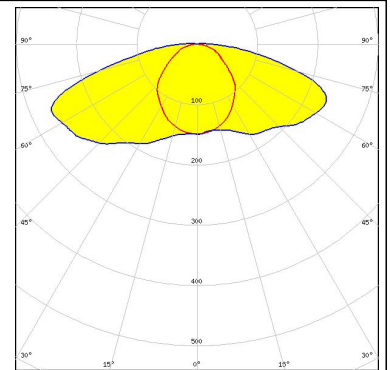
LED NF2x757G
 FWHM Asymmetric
 Efficiency 77 %
 Peak intensity 0.320 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



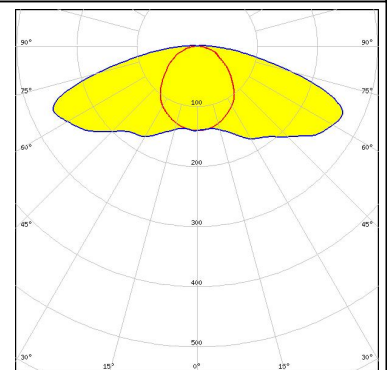
PHOTOMETRIC DATA (MEASURED):



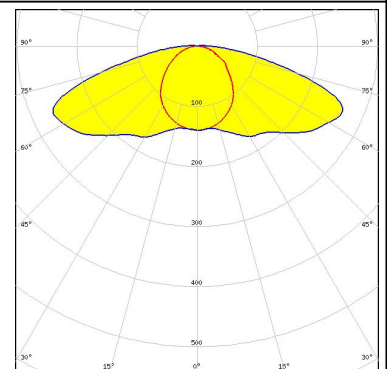
LED NFSW757H
FWHM Asymmetric
Efficiency 74 %
Peak intensity 0.266 cd/lm
LEDs/each optic 1
Light colour White
Required components:



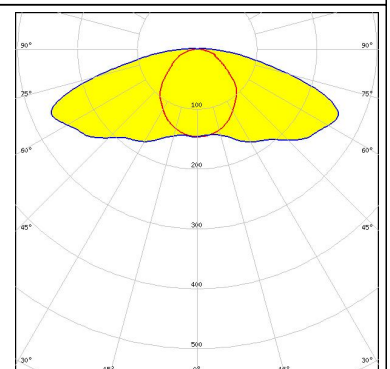
LED PrevaLED Linear Slim 3 (1100lm)
FWHM Asymmetric
Efficiency 74 %
Peak intensity 0.270 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED PrevaLED Linear Slim 3 (2000lm)
FWHM Asymmetric
Efficiency 74 %
Peak intensity 0.270 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Duris S5 (2 chip)
FWHM Asymmetric
Efficiency 75 %
Peak intensity 0.270 cd/lm
LEDs/each optic 1
Light colour White
Required components:

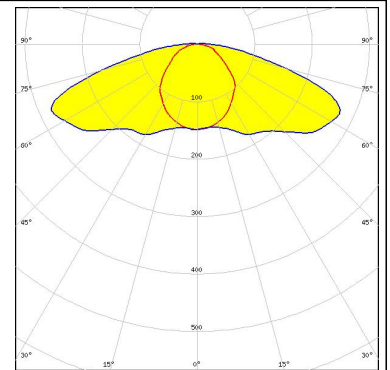


PHOTOMETRIC DATA (MEASURED):

OSRAM

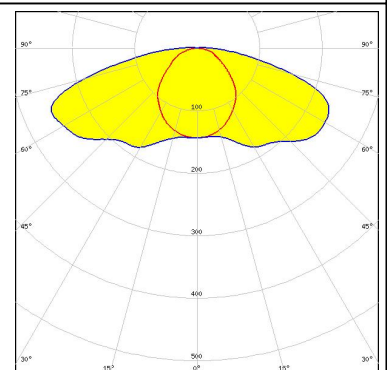
Opto Semiconductors

LED Duris S5 (Single chip)
 FWHM Asymmetric
 Efficiency 76 %
 Peak intensity 0.280 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



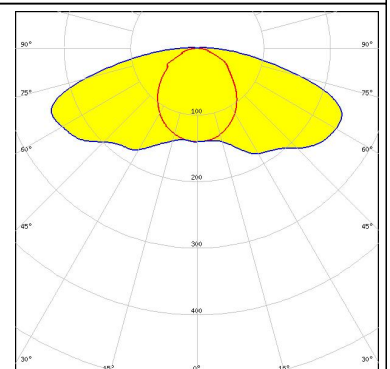
PHILIPS

LED Fortimo LED Strip 1ft 1100lm FC HV4 & LV4
 FWHM Asymmetric
 Efficiency 73 %
 Peak intensity 0.250 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



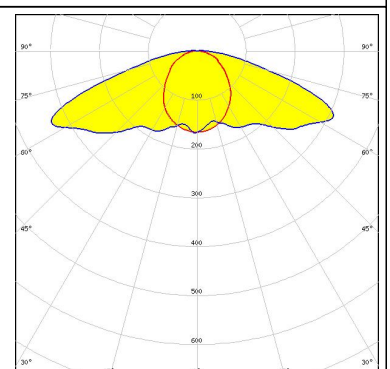
PHILIPS

LED Fortimo LED Strip 1ft 650lm FC HV4 & LV4
 FWHM Asymmetric
 Efficiency 73 %
 Peak intensity 0.240 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

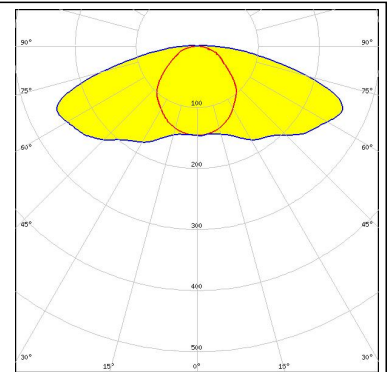
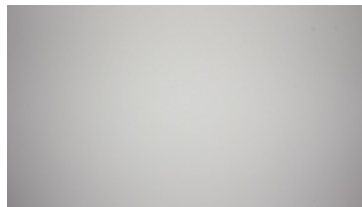
LED LM28xB Series
 FWHM Asymmetric
 Efficiency 82 %
 Peak intensity 0.240 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

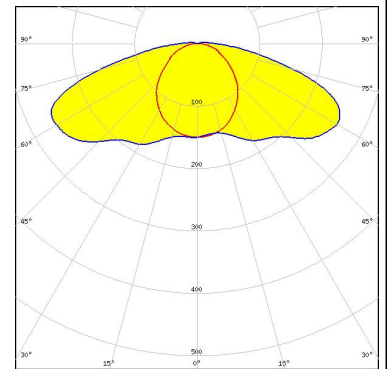
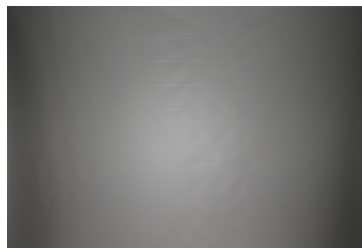
SAMSUNG

LED LM301B
FWHM Asymmetric
Efficiency 75 %
Peak intensity 0.260 cd/m
LEDs/each optic 1
Light colour White
Required components:



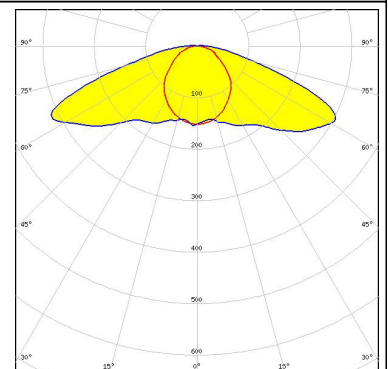
SAMSUNG

LED LM561B Plus
FWHM Asymmetric
Efficiency 76 %
Peak intensity 0.300 cd/m
LEDs/each optic 1
Light colour White
Required components:



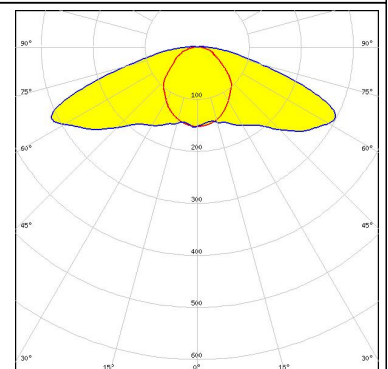
SAMSUNG

LED LT-H282C
FWHM Asymmetric
Efficiency 77 %
Peak intensity 0.310 cd/m
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

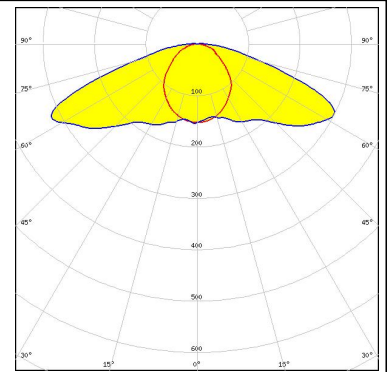
LED LT-Q282B
FWHM Asymmetric
Efficiency 77 %
Peak intensity 0.310 cd/m
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

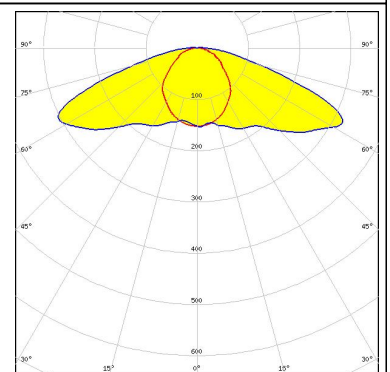
SAMSUNG

LED LT-S282H
 FWHM Asymmetric
 Efficiency 77 %
 Peak intensity 0.320 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



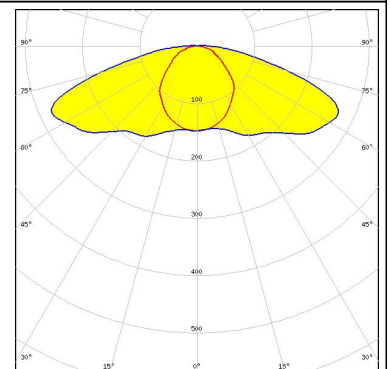
SAMSUNG

LED LT-V282E
 FWHM Asymmetric
 Efficiency 77 %
 Peak intensity 0.320 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



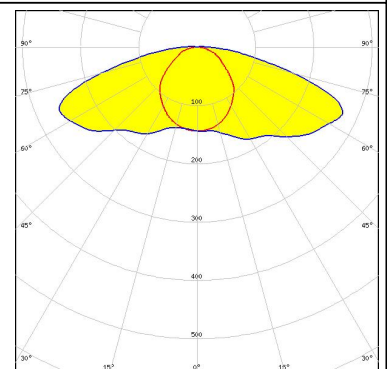
SEOUL SEMICONDUCTOR

LED SEOUL DC 3030
 FWHM Asymmetric
 Efficiency 76 %
 Peak intensity 0.280 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



TRIDONIC

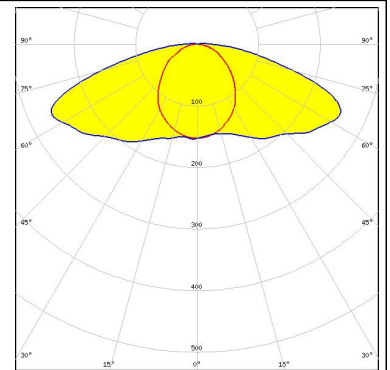
LED LLE G4 24x280mm 1250lm
 FWHM Asymmetric
 Efficiency 75 %
 Peak intensity 0.270 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

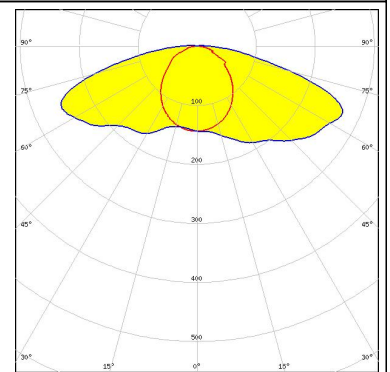
TRIDONIC

LED LLE G4 24x280mm 2000lm ADV
FWHM Asymmetric
Efficiency 75 %
Peak intensity 0.260 cd/lm
LEDs/each optic 1
Light colour White
Required components:

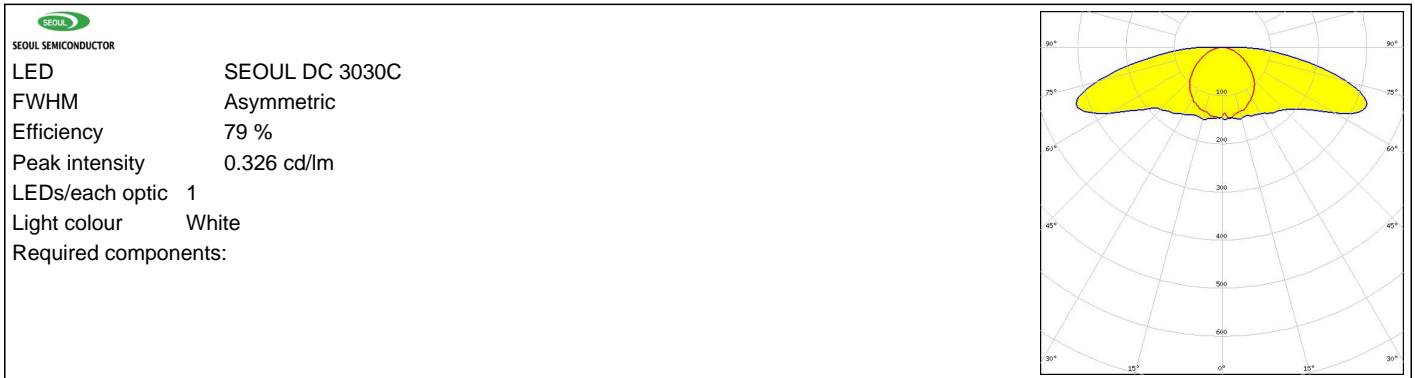


TRIDONIC

LED LLE G4 24x280mm 650lm
FWHM Asymmetric
Efficiency 75 %
Peak intensity 0.270 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



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:

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