LINNEA-UP

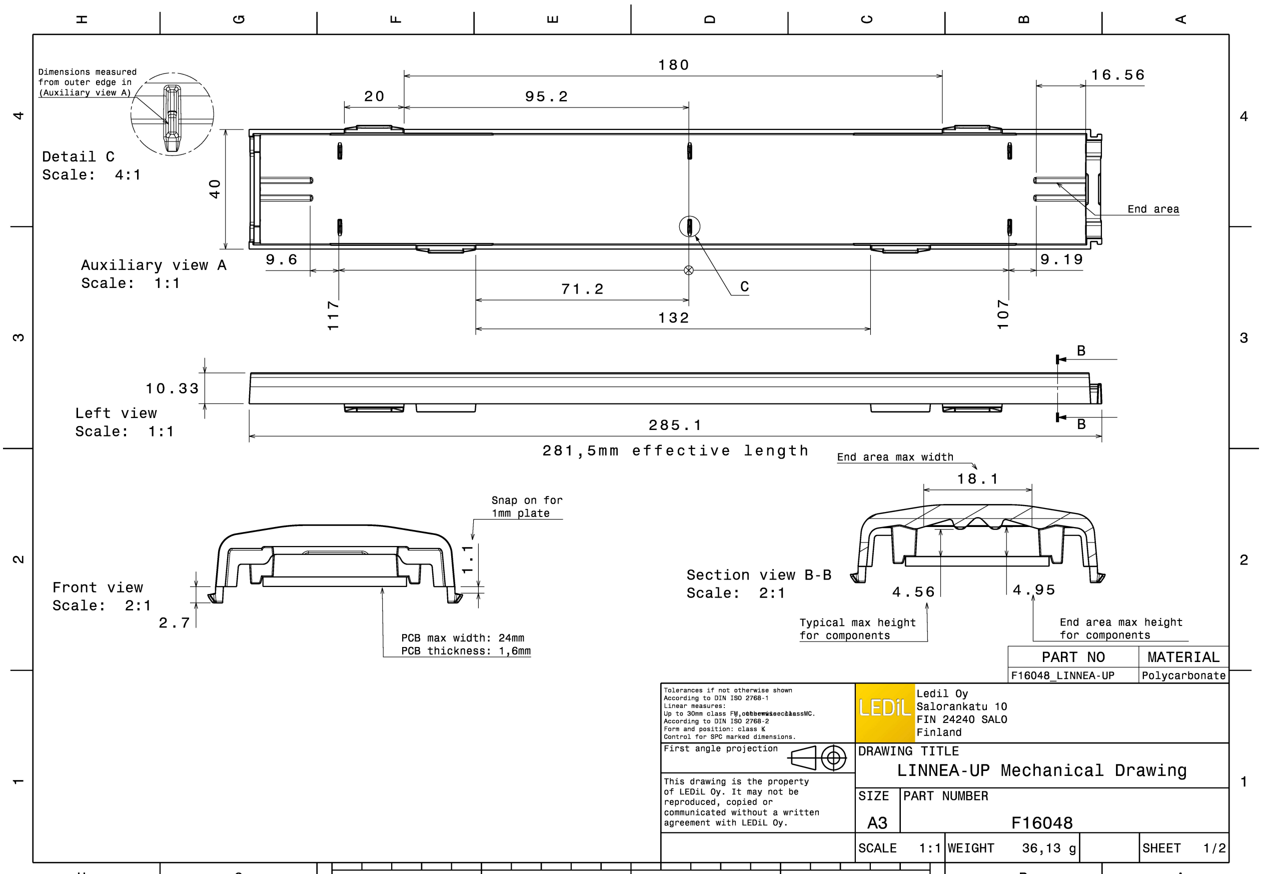
Asymmetric beam for uplighting optimized for 1.0 mm metal sheet or profile

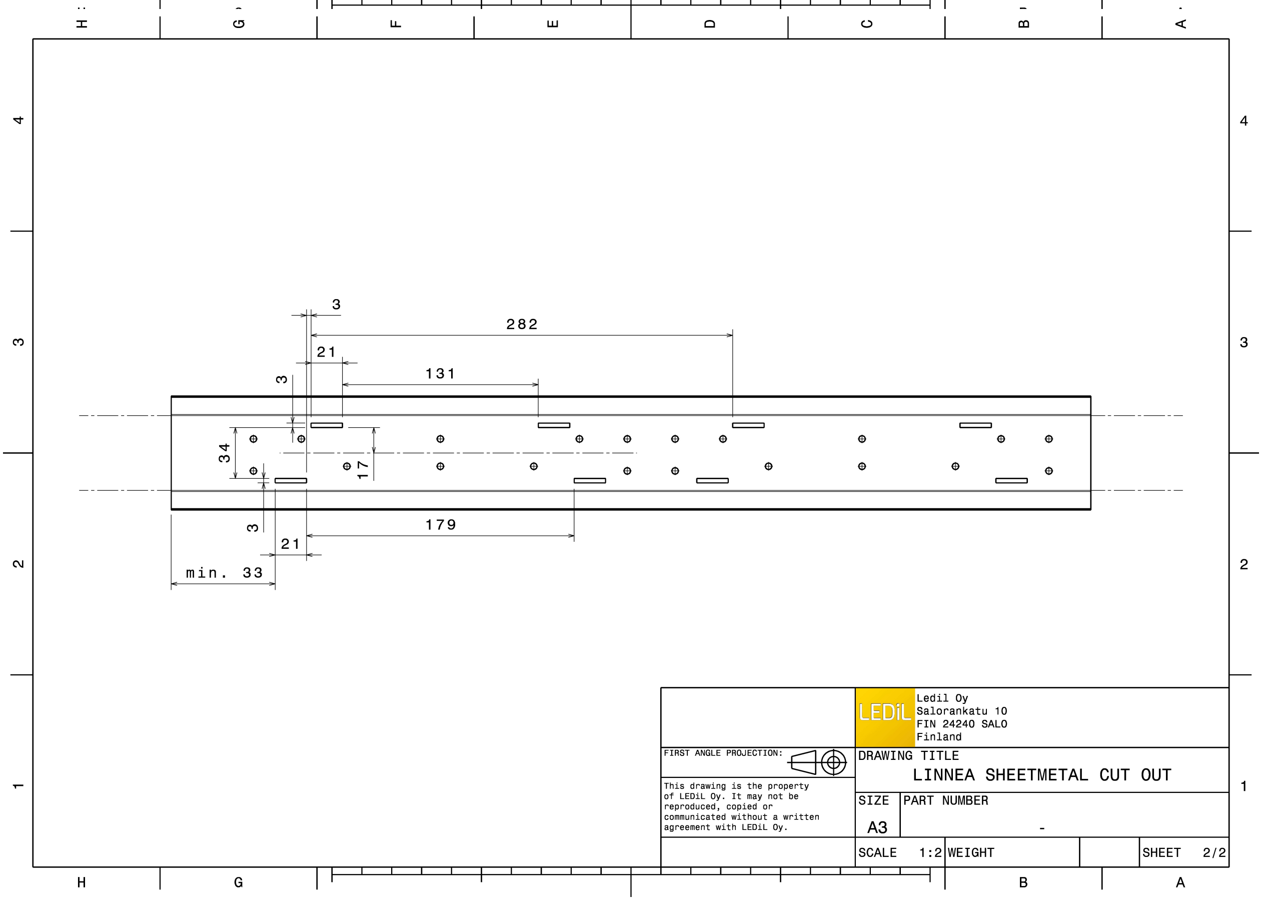
TECHNICAL SPECIFICATIONS:

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

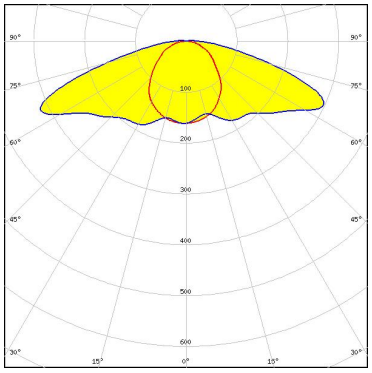

Dimensions measured from outer edge in (Auxiliary view A)
Detail C
Scale: 4:1
Auxiliary view A
Scale: 1:1
180
20
95.2
16.56
40
End area
9.6
71.2
C
9.19
132
117
107
10.33
Left view
Scale: 1:1
B
285.1
281,5mm effective length
End area max width
18.1
Snap on for 1mm plate
1.1
Front view
Scale: 2:1
2.7
PCB max width: 24mm
PCB thickness: 1,6mm
Section view B-B
Scale: 2:1
4.56
4.95
Typical max height for components
End area max height for components
PART NO
MATERIAL
F16048_LINNEA-UP
Polycarbonate
Tolerances if not otherwise shown According to DIN ISO 2768-1
First angle projection
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland
DRAWING TITLE
LINNEA-UP Mechanical Drawing
SIZE
A3
PART NUMBER
F16048
SCALE 1:1
WEIGHT 36,13 g
SHEET 1/2


3
282
21
131
3
34
17
3
179
21
min. 33
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland
FIRST ANGLE PROJECTION:
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.
DRAWING TITLE
LINNEA SHEETMETAL CUT OUT
SIZE
A3
PART NUMBER
-
SCALE 1:2
WEIGHT
SHEET 2/2

PHOTOMETRIC DATA (MEASURED):

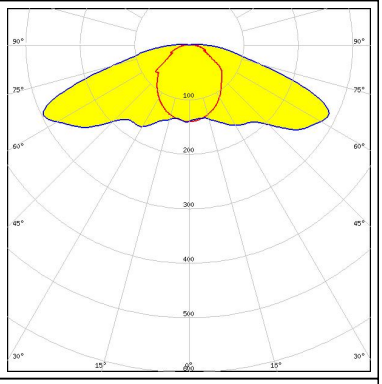
COMET ELECTRONICS

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:	



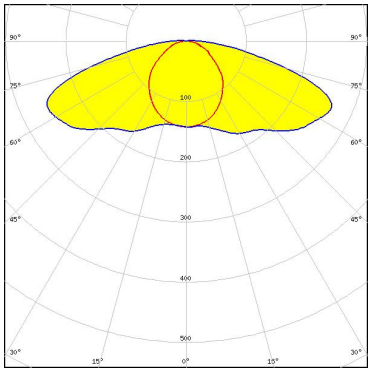
CREE

LED	XP-E
FWHM	Asymmetric
Efficiency	76 %
Peak intensity	0.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



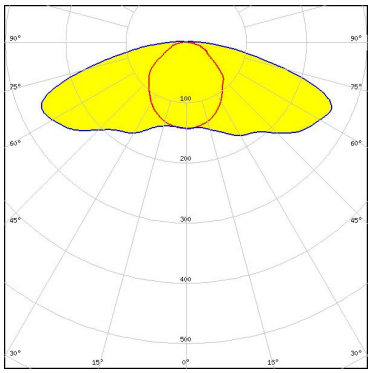
Helvar

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:	



Helvar

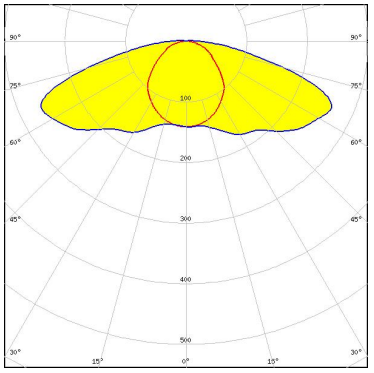
LED	LP-282-840-009A 60/300
FWHM	Asymmetric
Efficiency	75 %
Peak intensity	0.270 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (MEASURED):

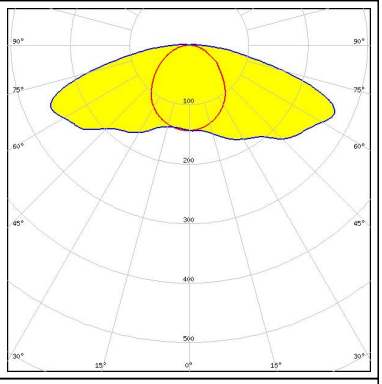
Helvar

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



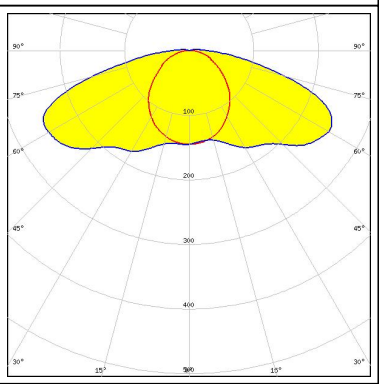
Helvar

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



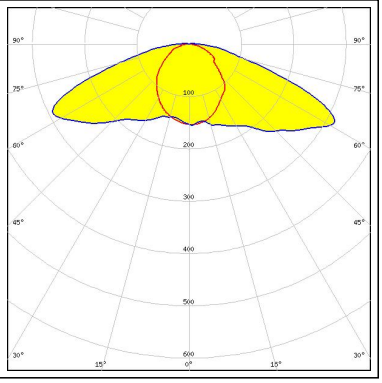
MST Your solutions

LED	LinLED 280x24mm 2000lm 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

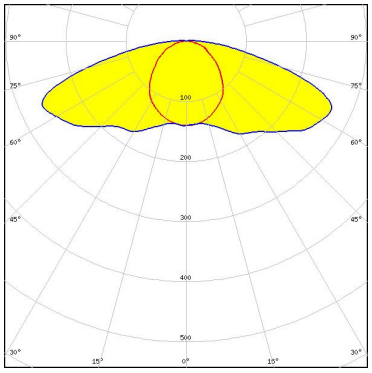
LED	NF2x757G
FWHM	Asymmetric
Efficiency	77 %
Peak intensity	0.320 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (MEASURED):

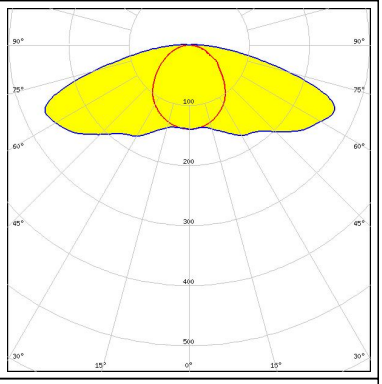
OSRAM

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:	



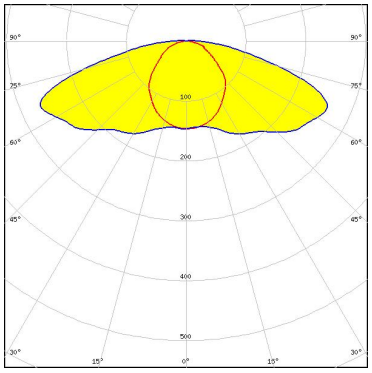
OSRAM

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:	



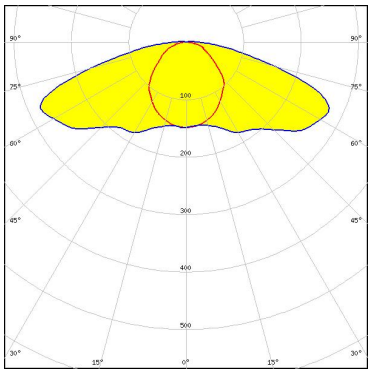
OSRAM
Opto Semiconductors

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



OSRAM
Opto Semiconductors

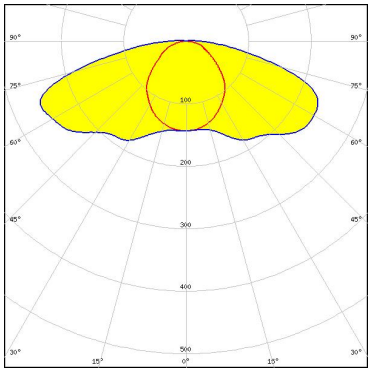
LED	Duris S5 (Single chip)
FWHM	Asymmetric
Efficiency	76 %
Peak intensity	0.280 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (MEASURED):

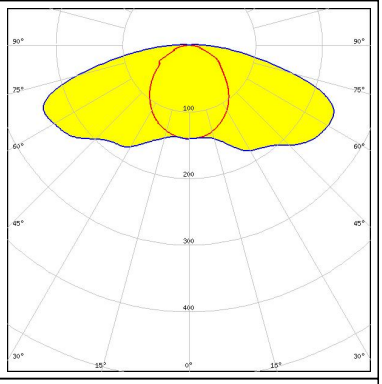
PHILIPS

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:	



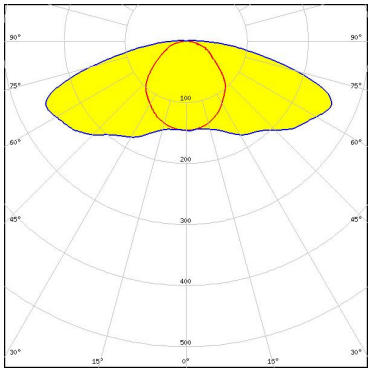
PHILIPS

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:	



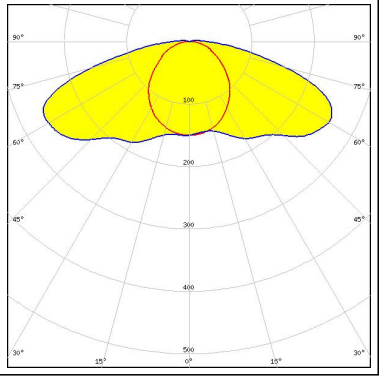
SAMSUNG

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



SAMSUNG

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

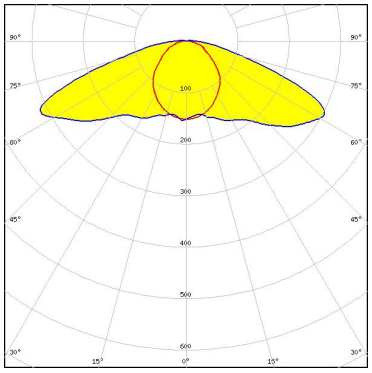


PHOTOMETRIC DATA (MEASURED):

SAMSUNG

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

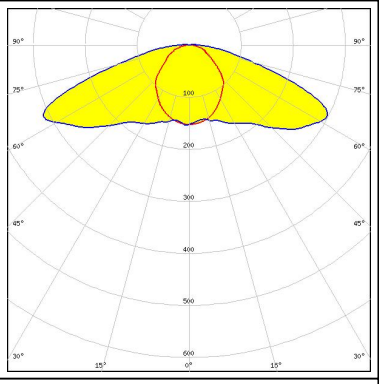
Required components:



SAMSUNG

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

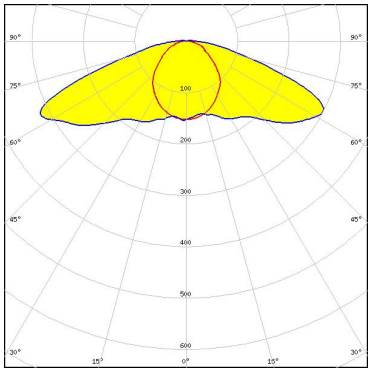
Required components:



SAMSUNG

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

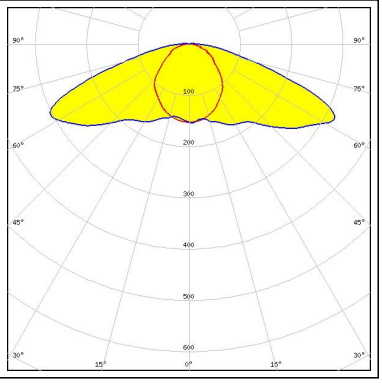
Required components:



SAMSUNG

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

Required components:

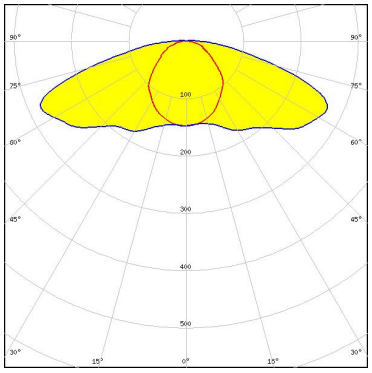


PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

LED	SunLike 3030
FWHM	Asymmetric
Efficiency	76 %
Peak intensity	0.280 cd/lm
LEDs/each optic	1
Light colour	White

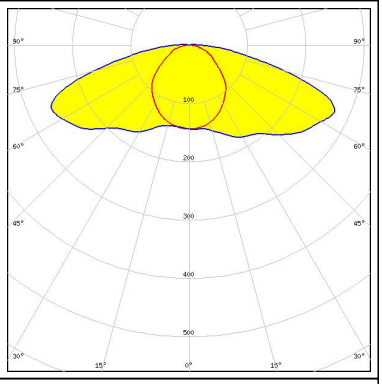
Required components:



TRIDONIC

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

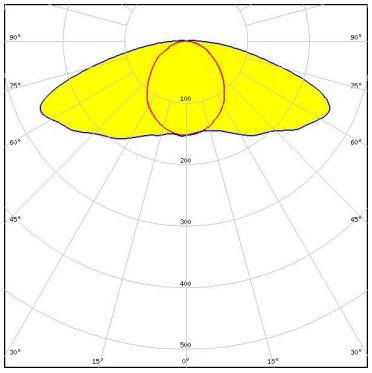
Required components:



TRIDONIC

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

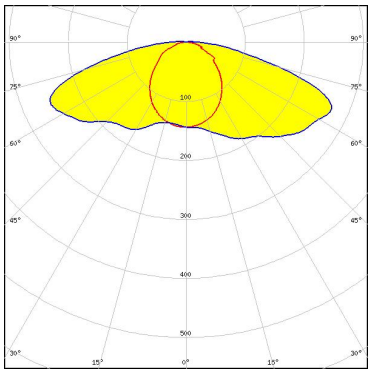
Required components:



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:



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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy
Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support
www.ledil.com/
where_to_buy

Shipping locations
Salo, Finland
Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy