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
ROHS compliant	yes

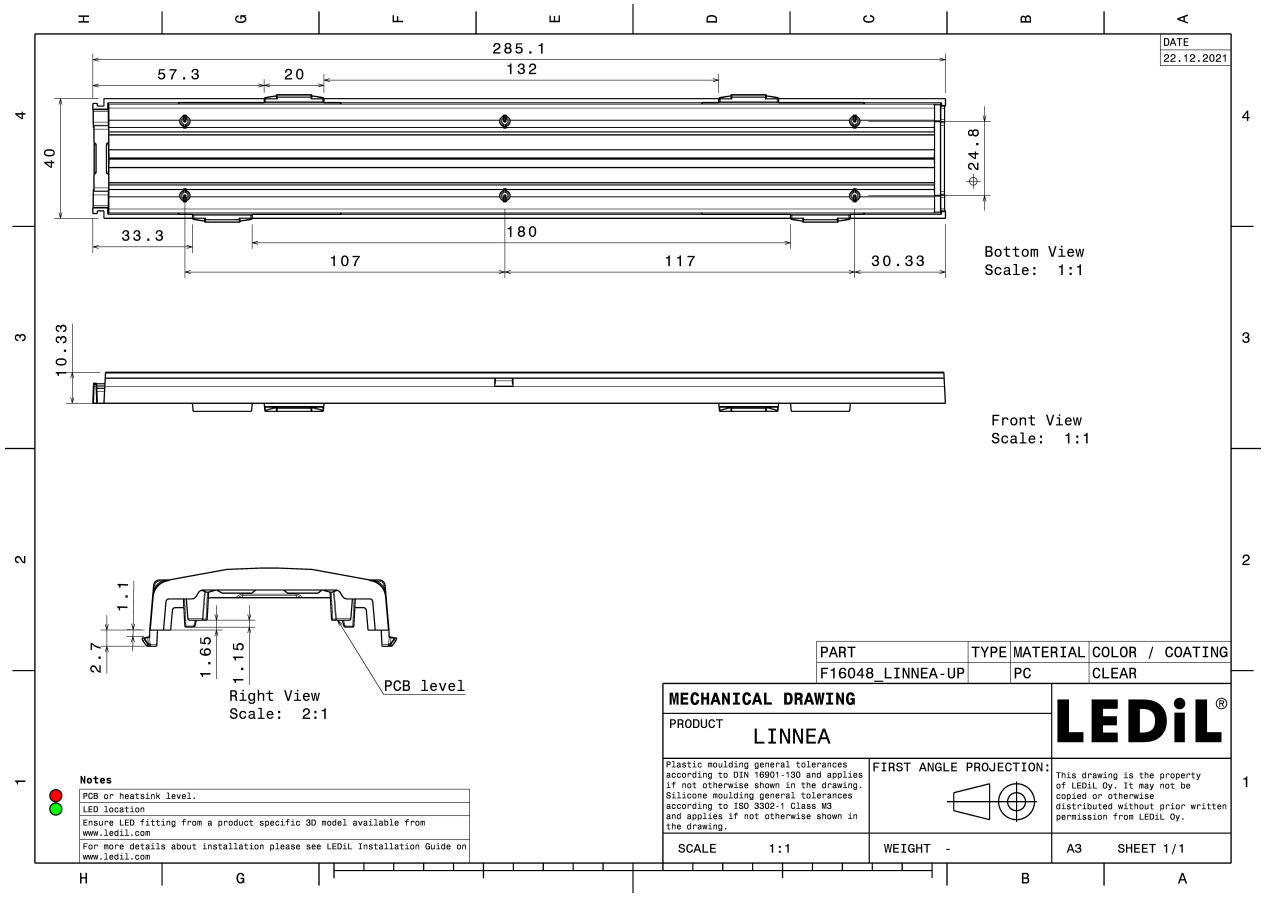
MATERIAL SPECIFICATIONS:

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	7.6

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

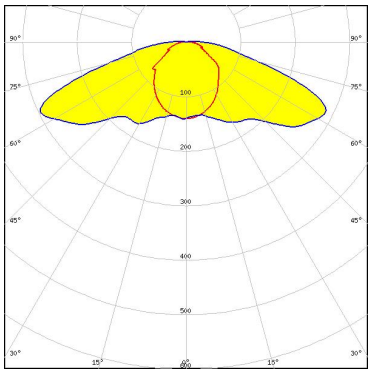
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PHOTOMETRIC DATA (MEASURED):

CREE LED

LED	XP-E
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

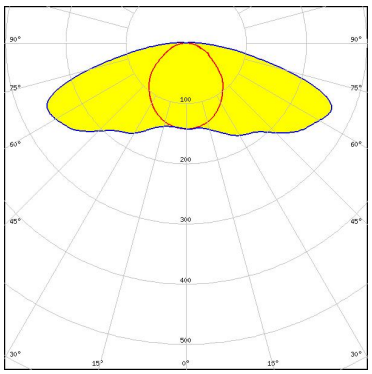
Required components:



Helvar

LED	L-iC-282-827-865-011A
FWHM / FWTM	Asymmetric
Efficiency	74 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

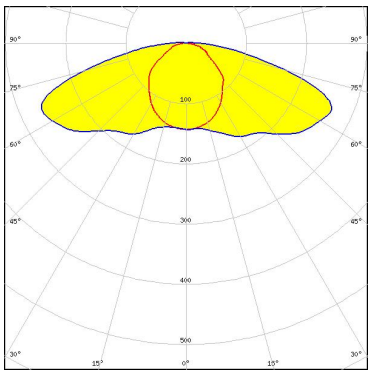
Required components:



Helvar

LED	LP-282-840-009A 60/300
FWHM / FWTM	Asymmetric
Efficiency	75 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

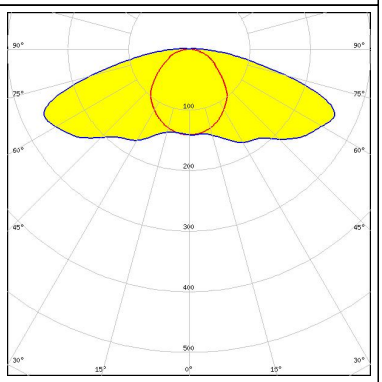
Required components:



Helvar

LED	LS-282-840-011A
FWHM / FWTM	Asymmetric
Efficiency	74 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

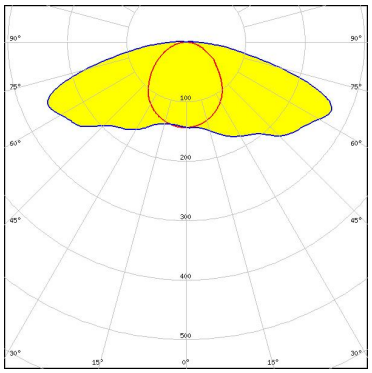


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PHOTOMETRIC DATA (MEASURED):

Helvar

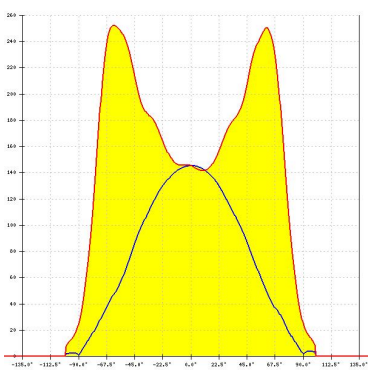
LED	LX-282-840-023A
FWHM / FWTM	Asymmetric
Efficiency	75 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



MST Your solutions

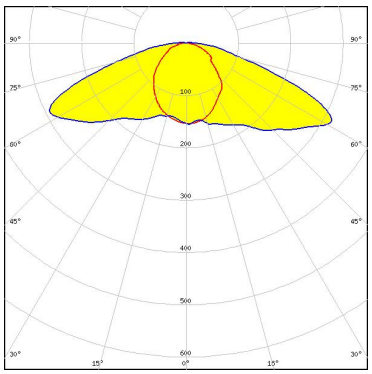
LED	LinLED 280x24mm 1100lm 830 2C 30V LINNEA-GC G1
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





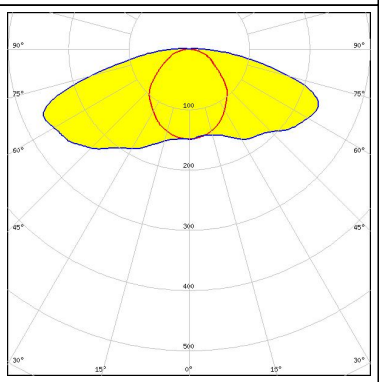
NICHIA

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:	



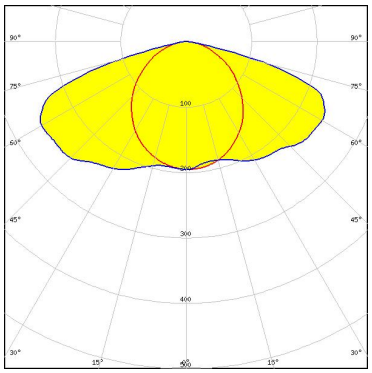
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PHOTOMETRIC DATA (MEASURED):

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

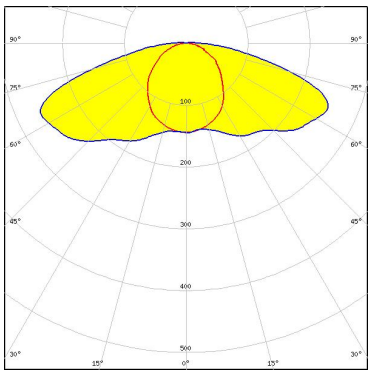
Required components:



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

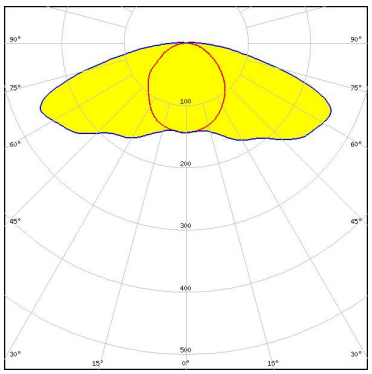
Required components:



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

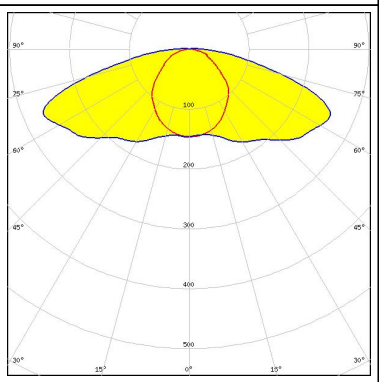
Required components:



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:



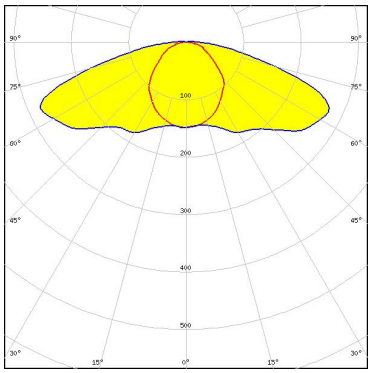
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

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

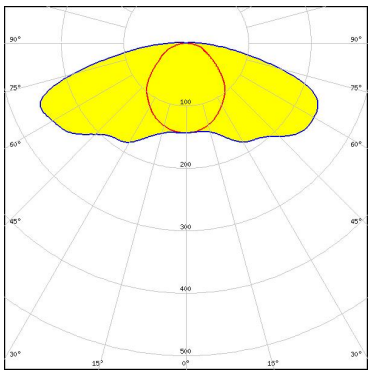
Required components:



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

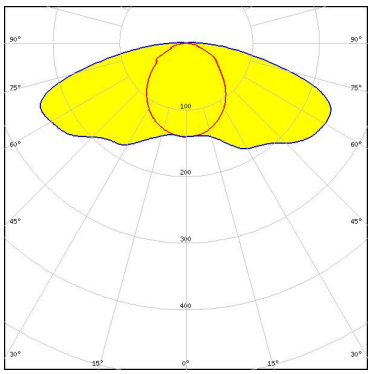
Required components:



PHILIPS

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

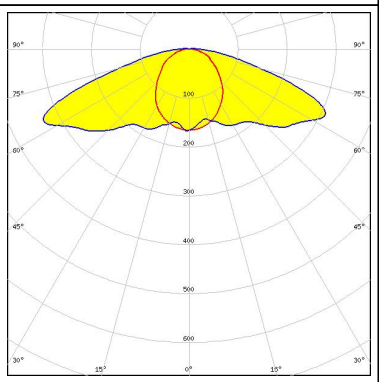
Required components:



SAMSUNG

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

Required components:



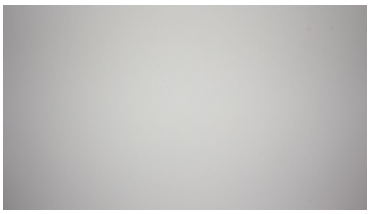
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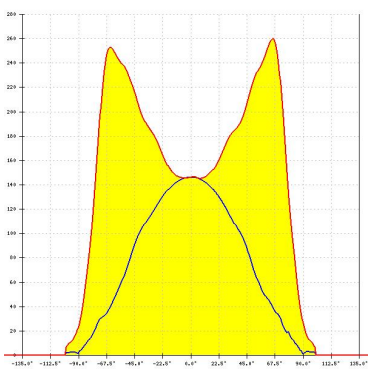
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

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

Required components:



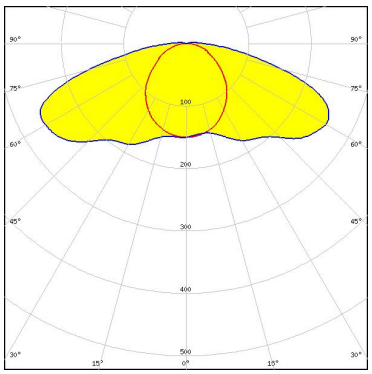


SAMSUNG

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

Required components:

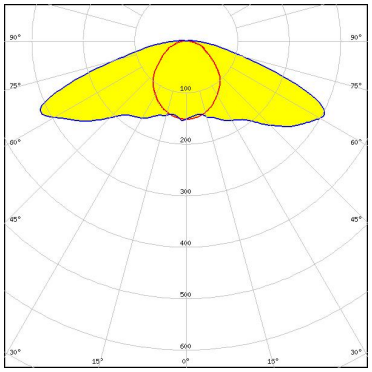




SAMSUNG

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

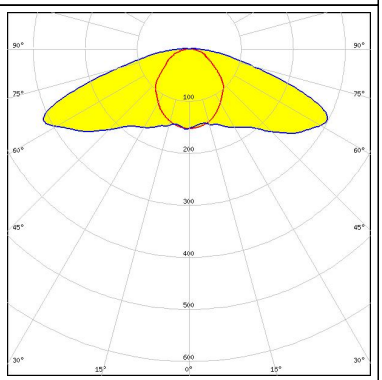
Required components:



SAMSUNG

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

Required components:

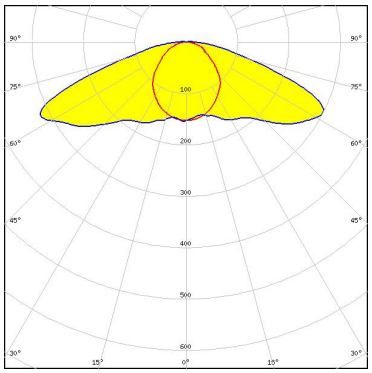


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PHOTOMETRIC DATA (MEASURED):

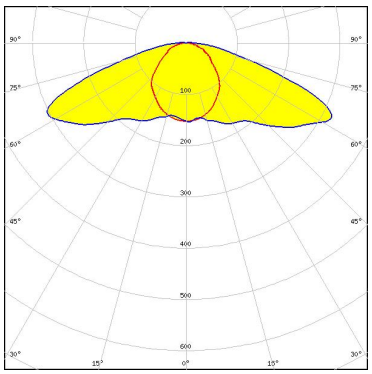
SAMSUNG

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



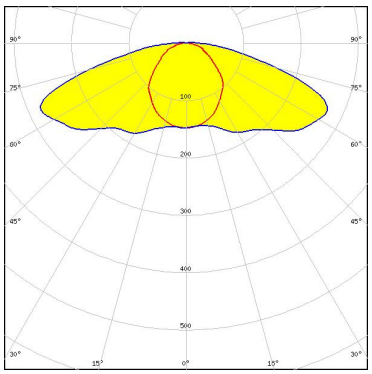
SAMSUNG

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



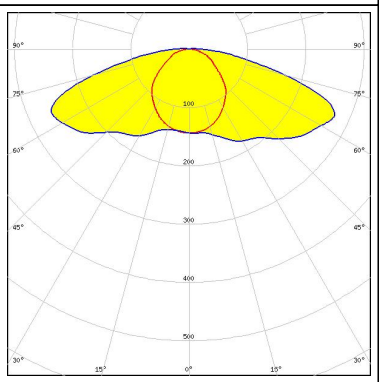
SEOUL SEMICONDUCTOR

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



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:	



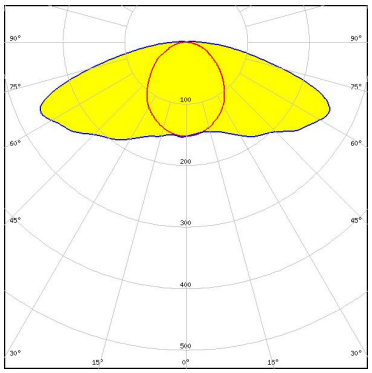
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PHOTOMETRIC DATA (MEASURED):

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

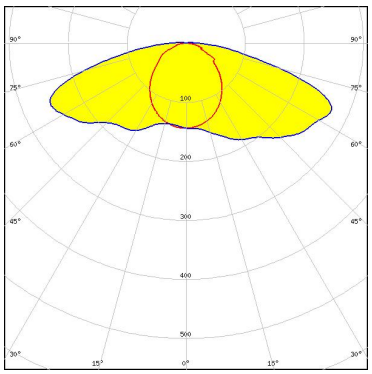
Required components:



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:

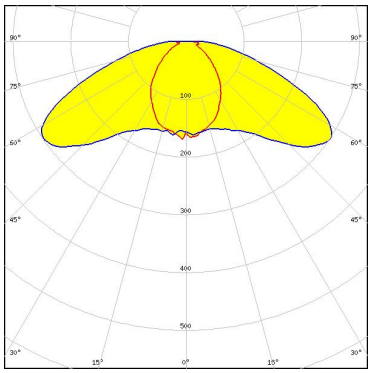


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PHOTOMETRIC DATA (SIMULATED):

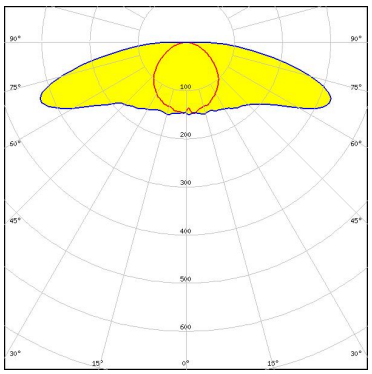
LUMILEDS

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:	



SEOUL SEMICONDUCTOR

LED	SEOUL DC 3030C
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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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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