SPORT-2X2-FT6

Narrow forward throw beam with optimized cut-off for high masts

TECHNICAL SPECIFICATIONS:

Dimensions	50.0 x 50.0 mm
Height	11 mm
Fastening	screw
ROHS compliant	yes

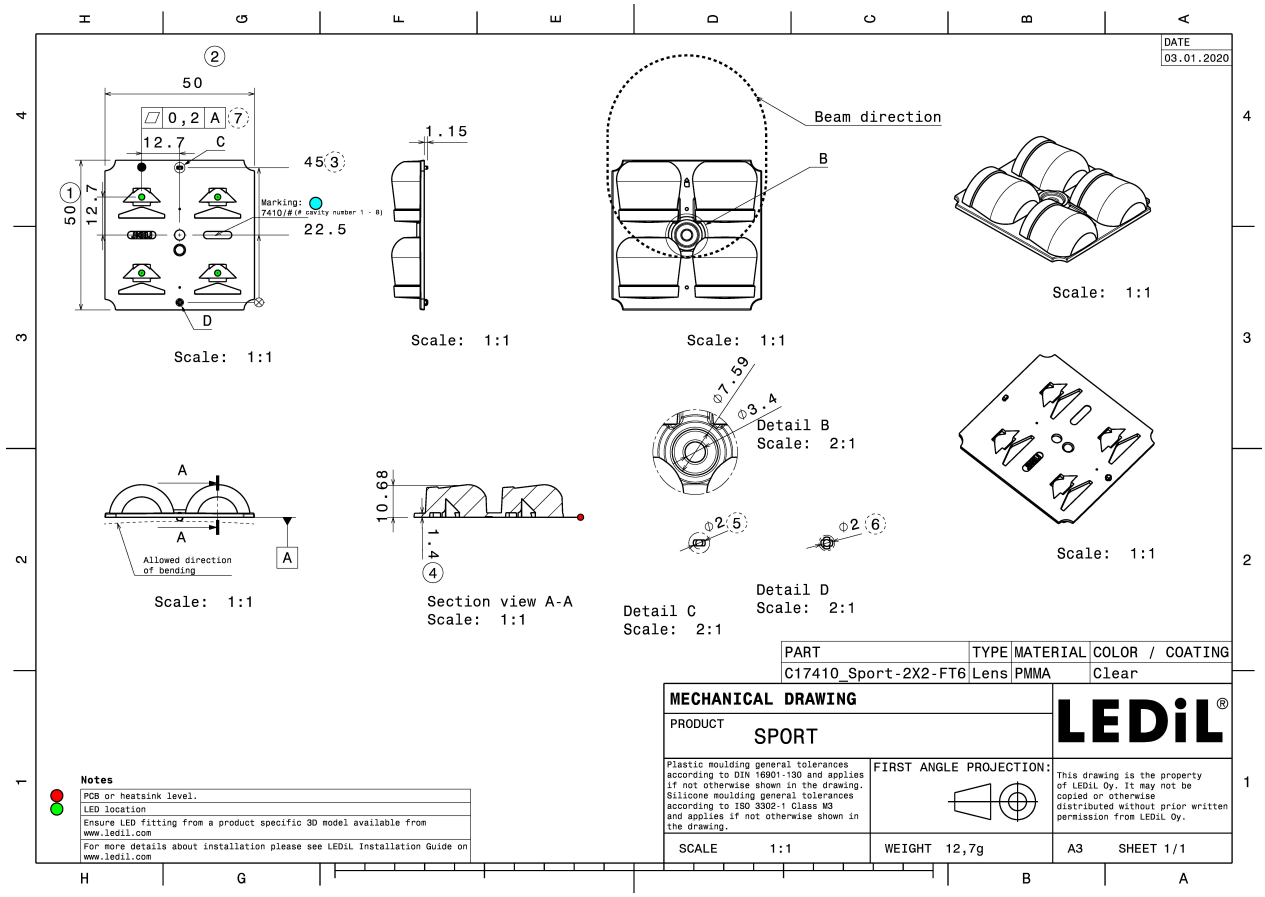
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
SPORT-2X2-FT6	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17410_SPORT-2X2-FT6 » Box size: 480 x 280 x 300 mm	640	128	128	8.8

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



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

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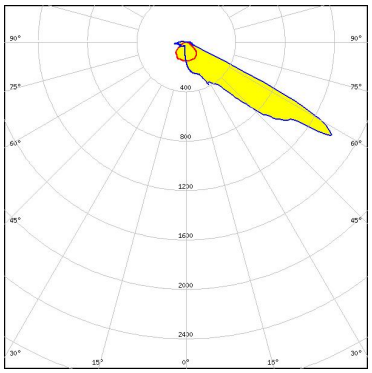
PHOTOMETRIC DATA (MEASURED):

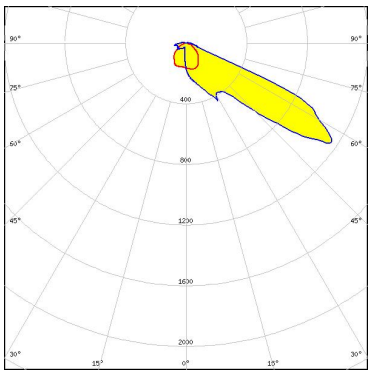
TEPCOMP group

LED	PassivePAQ-R-222x50.OS1.9.7K-750-5 V1.0
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



TEPCOMP group

LED	PassivePAQ-R-274x51-NI0-21K-857-5
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	1.2 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.

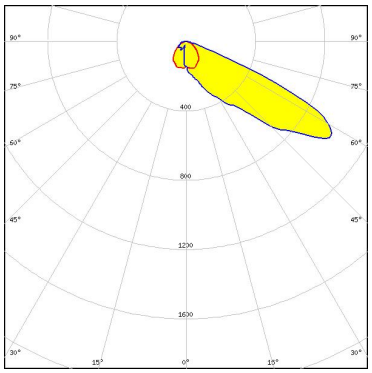
PHOTOMETRIC DATA (SIMULATED):

CREE LED

LED	J Series 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	82 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

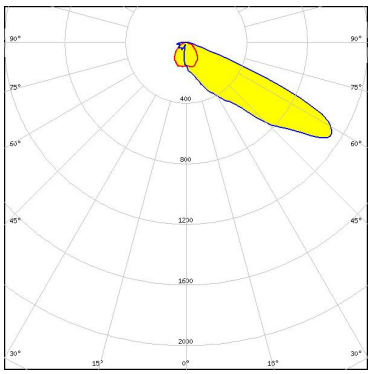
Protective plate, glass



CREE LED

LED	J Series 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

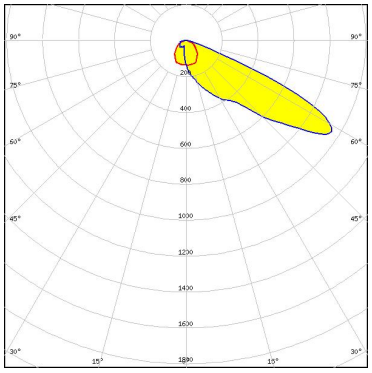


CREE LED

LED	XHP50.3 HI
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

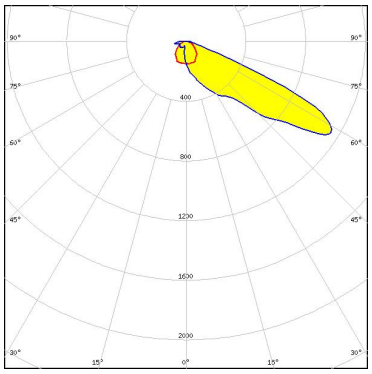
Protective plate, glass



CREE LED

LED	XHP50.3 HI
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



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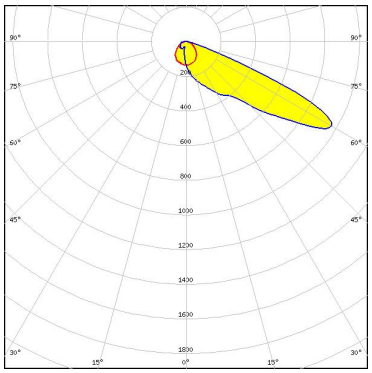
PHOTOMETRIC DATA (SIMULATED):

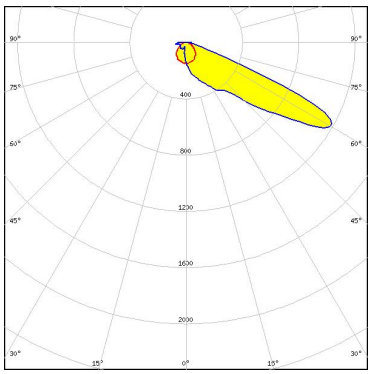
CREE LED

LED	XM-L3
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



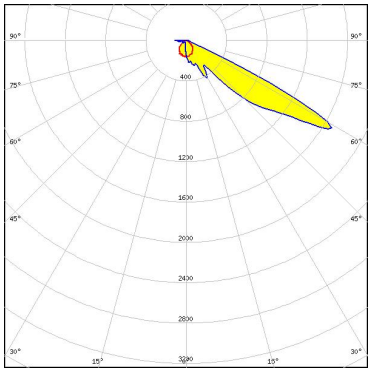
CREE LED

LED	XM-L3
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

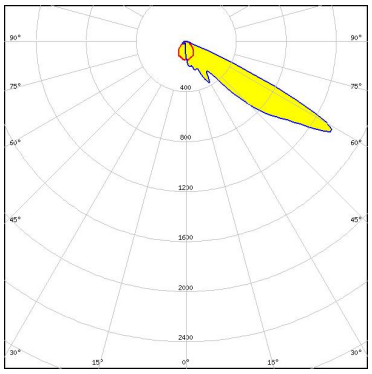
LED	XP-E2
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

LED	XP-E2
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



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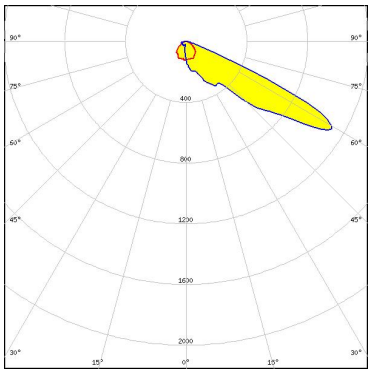
PHOTOMETRIC DATA (SIMULATED):

CREE LED

LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

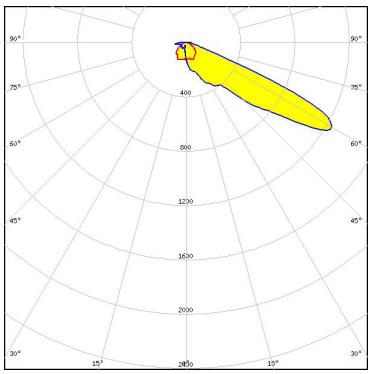
Protective plate, glass



CREE LED

LED	XP-L HD
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

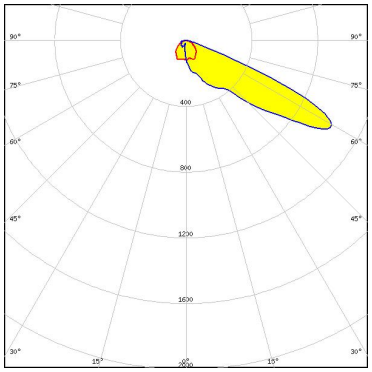


CREE LED

LED	XP-L HD
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

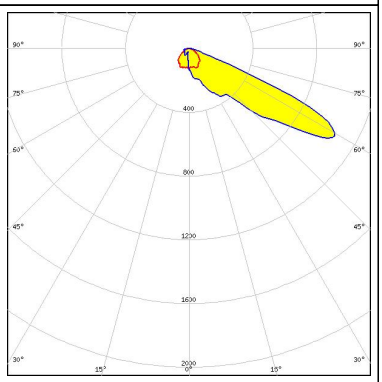


CREE LED

LED	XP-L HI
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass



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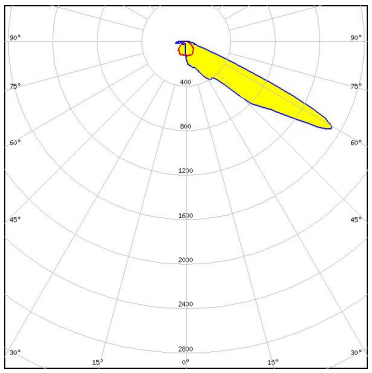
PHOTOMETRIC DATA (SIMULATED):

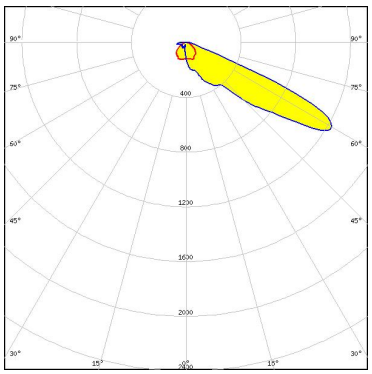
CREE LED

LED	XP-L HI
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

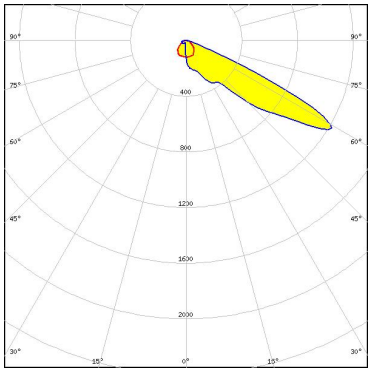
LED	XP-L HI
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

LED	XP-L HI
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

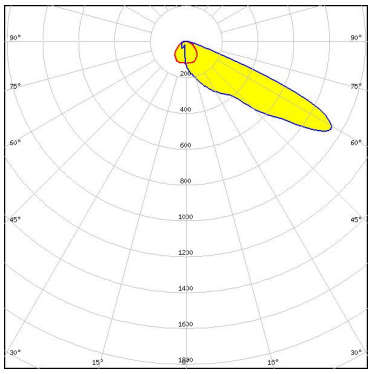
Protective plate, glass



CREE LED

LED	XP-L2
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



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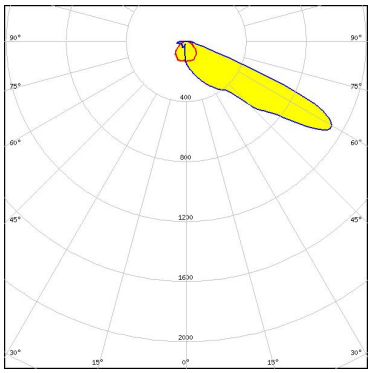
PHOTOMETRIC DATA (SIMULATED):

CREE LED

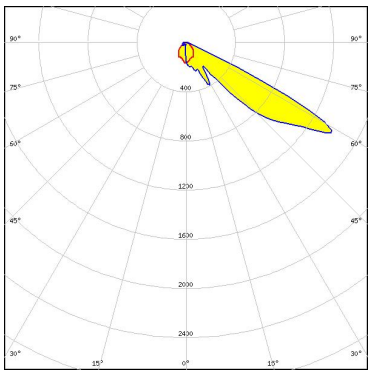
LED	XP-L2
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

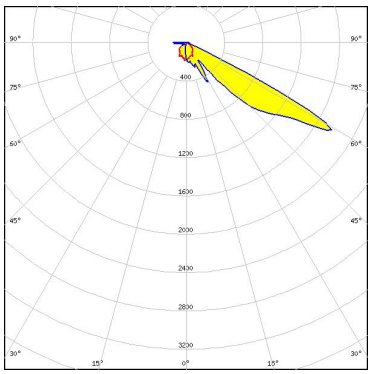
LED	XP-P
FWHM / FWTM	Asymmetric
Efficiency	81 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



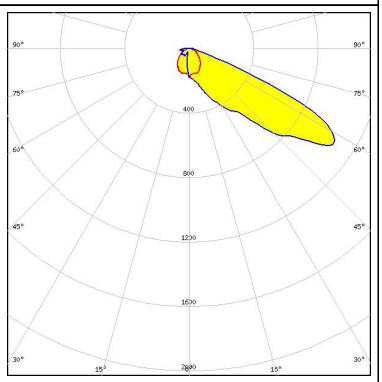
CREE LED

LED	XP-P
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON 5050 HE
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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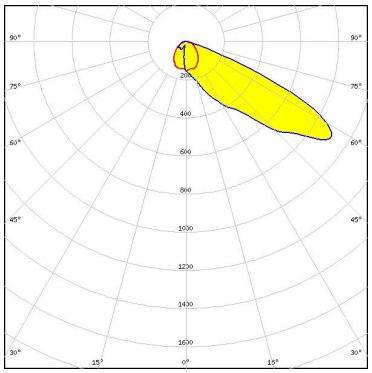
PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED	LUXEON 5050 HE
FWHM / FWTM	Asymmetric
Efficiency	78 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

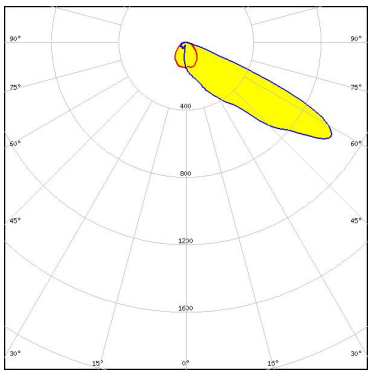


LUMILEDS

LED	LUXEON 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

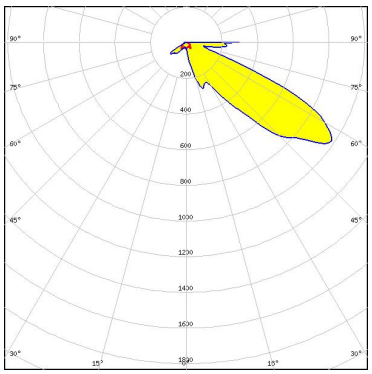


LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

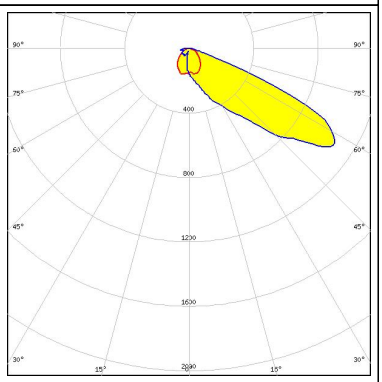
C18069_SPORT-2X2-FT-SHD-WHT



LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



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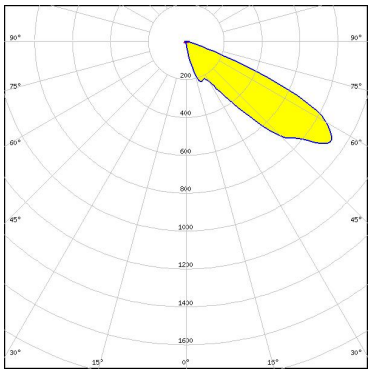
PHOTOMETRIC DATA (SIMULATED):

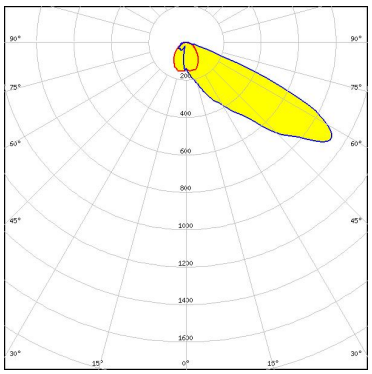
LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	59 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C17929_SPORT-2X2-FT-SHD-BLK	



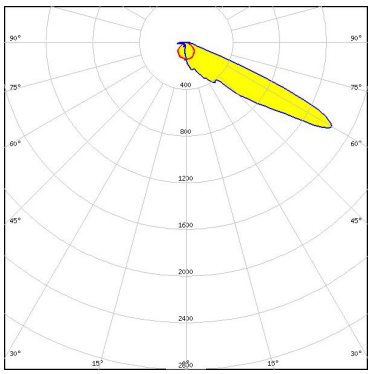
LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
Protective plate, glass	



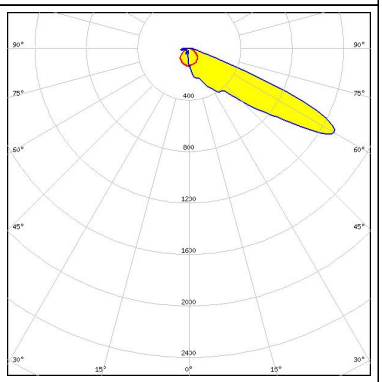
LUMILEDS

LED	LUXEON HL2X
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON HL2X-P
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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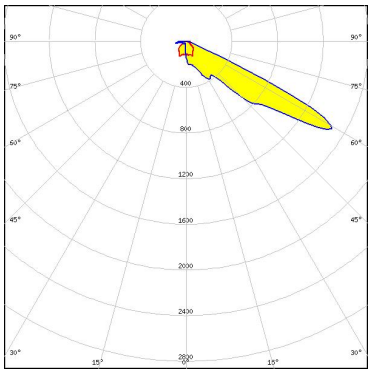
PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

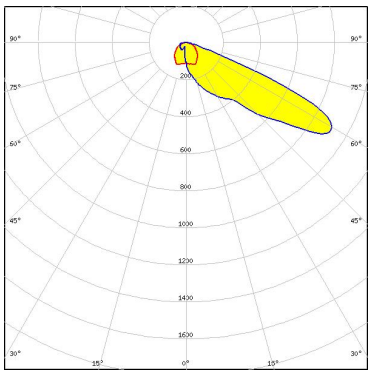
LED	LUXEON TX
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMINUS

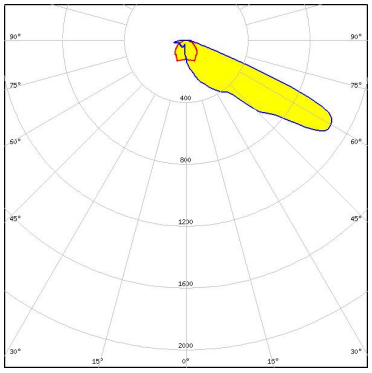
LED	SST-70
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



LUMINUS

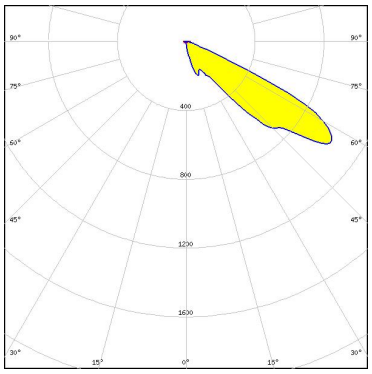
LED	SST-70
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NV4WB35AM
FWHM / FWTM	Asymmetric
Efficiency	58 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

C17929_SPORT-2X2-FT-SHD-BLK

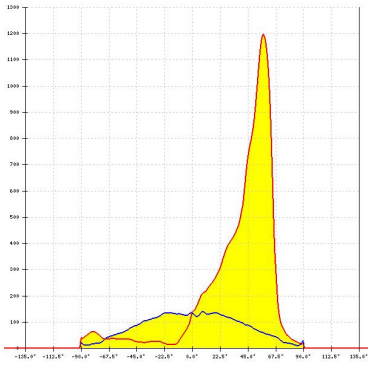


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (SIMULATED):

NICHIA

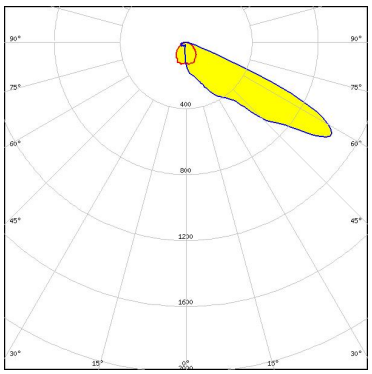
LED	NV4WB35AM
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	1.2 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	



NICHIA

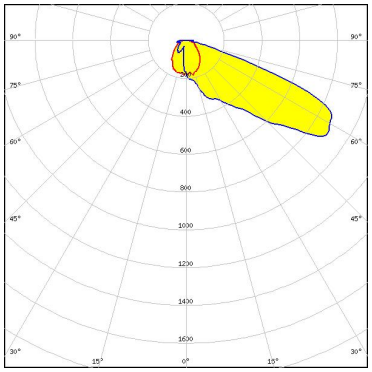
LED	NV4WB35AM
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



NICHIA

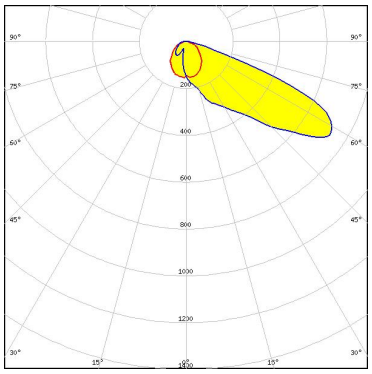
LED	NV4x144A
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NV4x144A
FWHM / FWTM	Asymmetric
Efficiency	75 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass

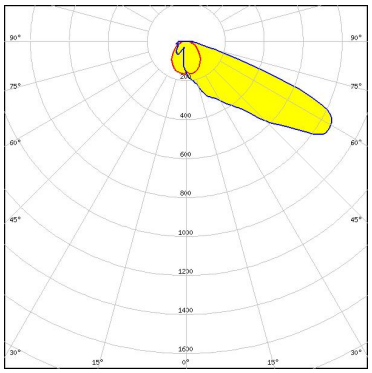


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (SIMULATED):

NICHIA

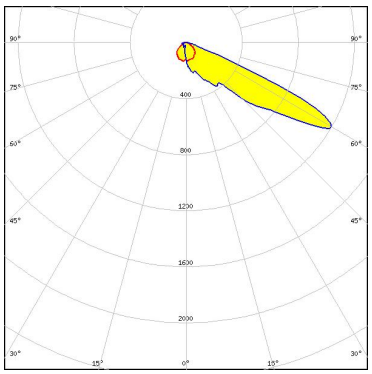
LED	NV4x144A
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

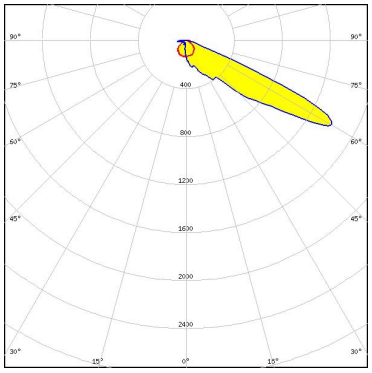
LED	NVSW219F
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



NICHIA

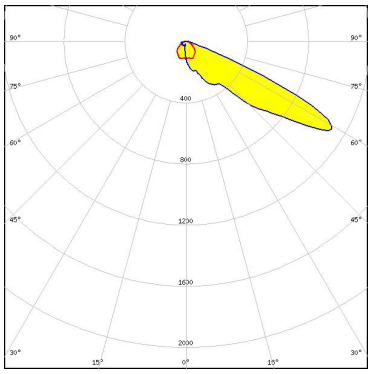
LED	NVSW219F
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NVSW3x9A
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



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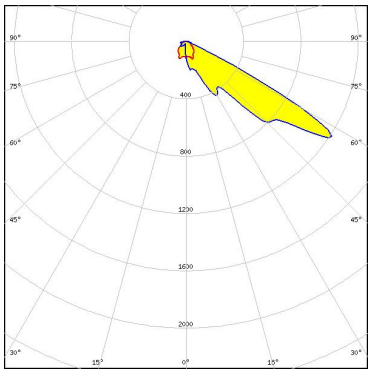
PHOTOMETRIC DATA (SIMULATED):

NICHIA

LED	NVSxE21A
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

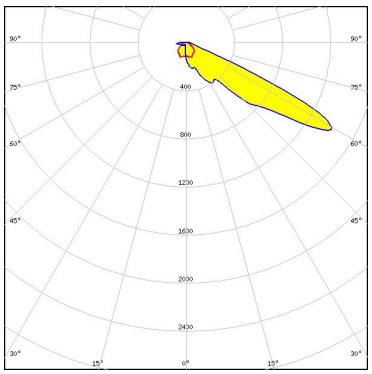
Protective plate, glass



NICHIA

LED	NVSxx19B/NVSxx19C
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

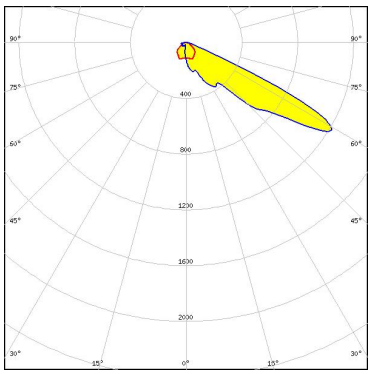


NICHIA

LED	NVSxx19B/NVSxx19C
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

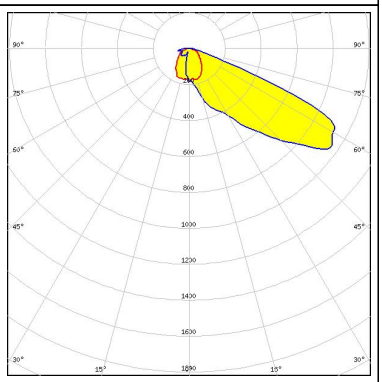
Protective plate, glass



OSRAM
Opto Semiconductors

LED	Duris S8
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	1 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.

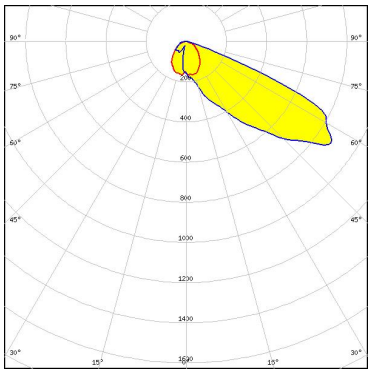
PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	Duris S8
FWHM / FWTM	Asymmetric
Efficiency	81 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

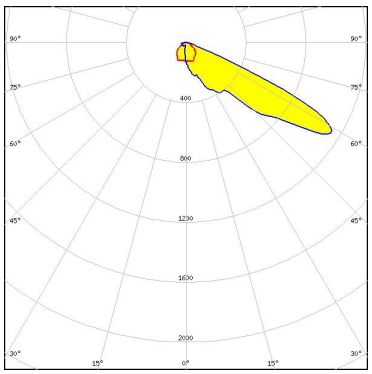


OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (3W version)
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

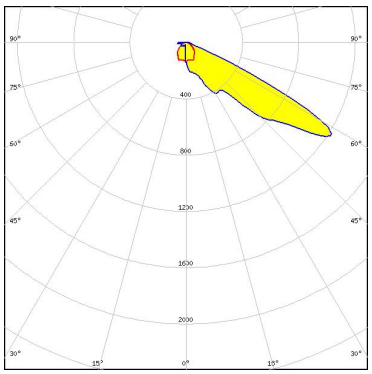


OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 Flat
FWHM / FWTM	Asymmetric
Efficiency	84 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

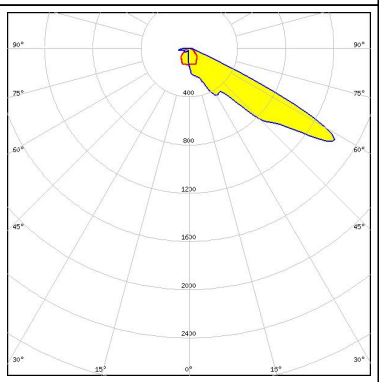
Protective plate, glass



OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 Flat
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



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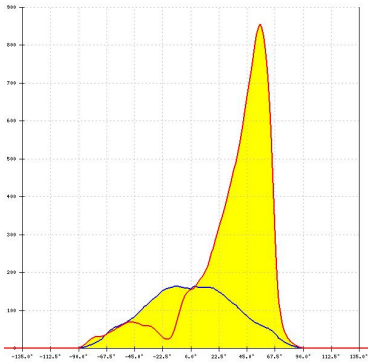
PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSCONIQ S 5050
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

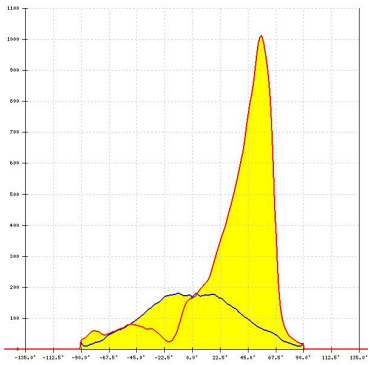
Protective plate, glass



OSRAM
Opto Semiconductors

LED	OSCONIQ S 5050
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

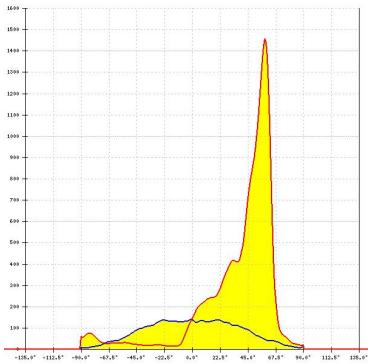
Required components:



OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

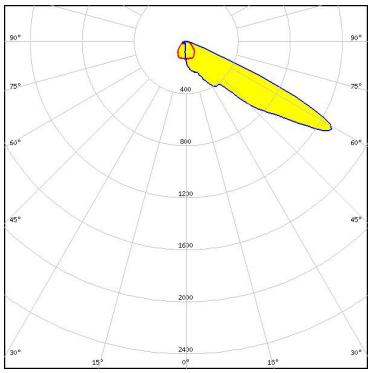


OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	85 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass



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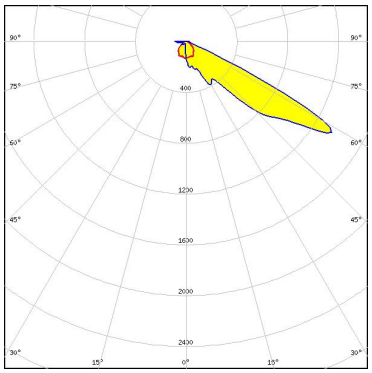
PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors

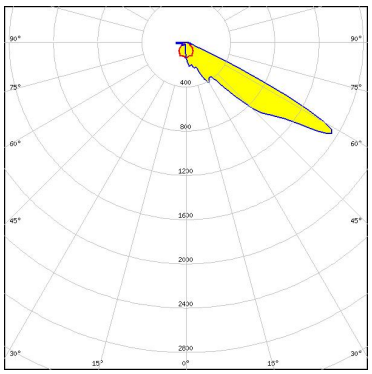
LED	OSLON Square Flat
FWHM / FWTM	Asymmetric
Efficiency	84 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



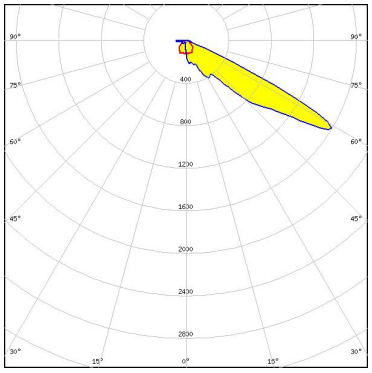
OSRAM Opto Semiconductors

LED	OSLON Square Flat
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM Opto Semiconductors

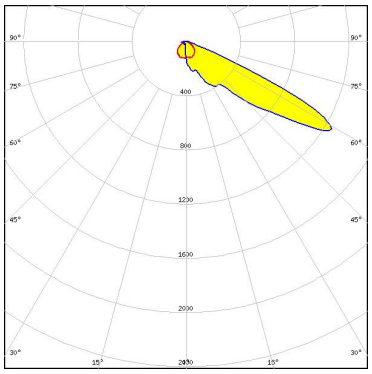
LED	OSTAR Projection Compact (Kx.CSLNM1.xx)
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

LED	LH351B
FWHM / FWTM	Asymmetric
Efficiency	81 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass

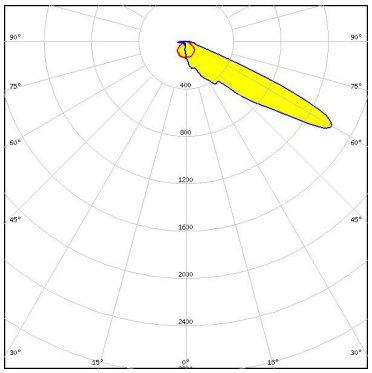


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

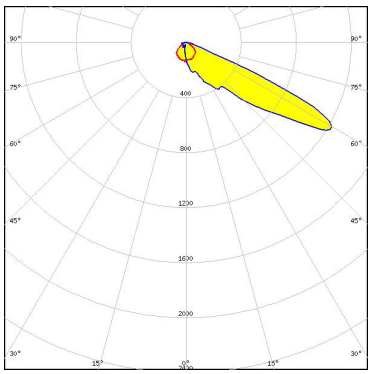
LED	LH351C
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

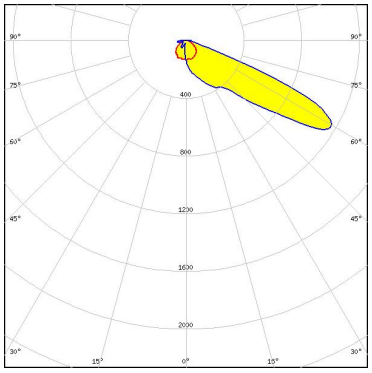
LED	LH351C
FWHM / FWTM	Asymmetric
Efficiency	82 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



SAMSUNG

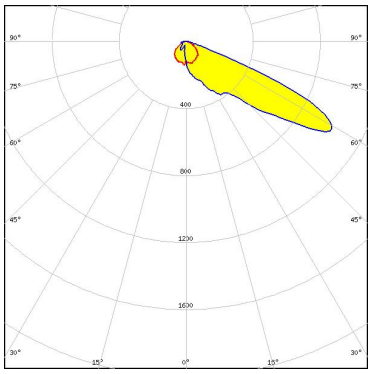
LED	LH351D
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

LED	LH351D
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



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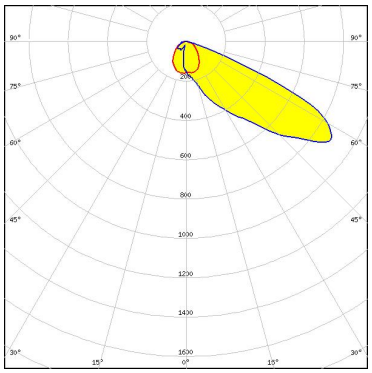
PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED	LH502C
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

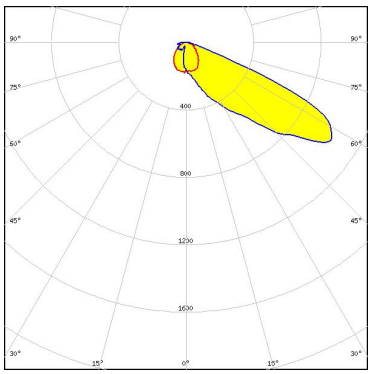
Protective plate, glass



SAMSUNG

LED	LH502C
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

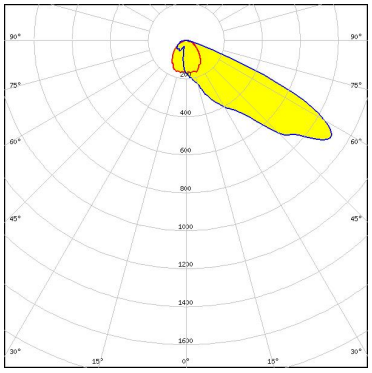


SAMSUNG

LED	LH508A Plus
FWHM / FWTM	Asymmetric
Efficiency	82 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

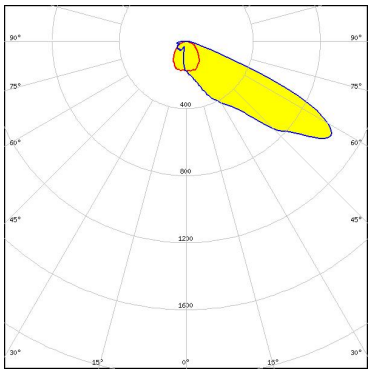
Protective plate, glass



SAMSUNG

LED	LH508A Plus
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



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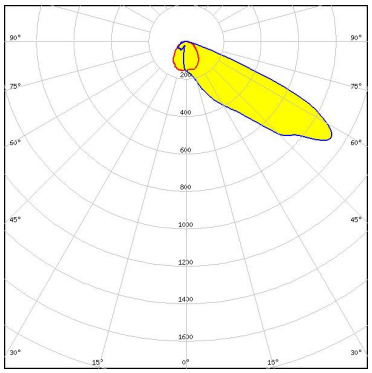
PHOTOMETRIC DATA (SIMULATED):

SEOUL SEMICONDUCTOR

LED	MJT 5050
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

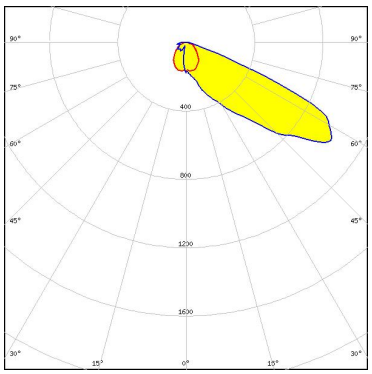
Protective plate, glass



SEOUL SEMICONDUCTOR

LED	SEOUL DC 5050 6V
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

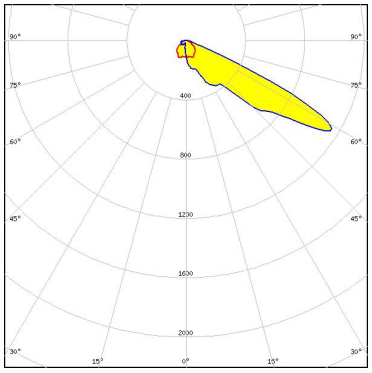


SEOUL SEMICONDUCTOR

LED	Z5M3
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

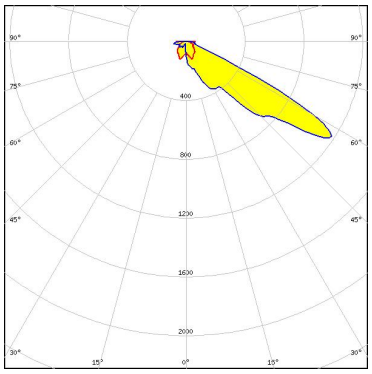
Protective plate, glass



SEOUL SEMICONDUCTOR

LED	Z8Y22
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



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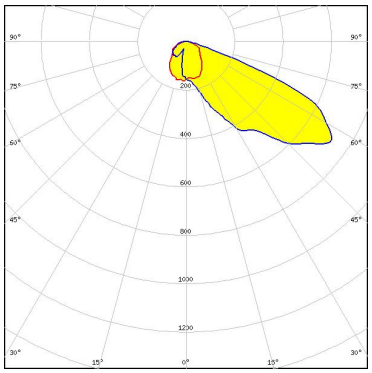
PHOTOMETRIC DATA (SIMULATED):

SEOUL SEMICONDUCTOR

LED	Z8Y50P
FWHM / FWTM	Asymmetric
Efficiency	78 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass



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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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LEDiL Oy
Joensuunkatu 13
FI-24240 SALO
Finland

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

Ledil Optics Technology (Shenzhen) Co., Ltd.
405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

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

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