

SPORT-2X2-S6

Slightly asymmetric ~60° spot beam with minimum spill light



TECHNICAL SPECIFICATIONS:

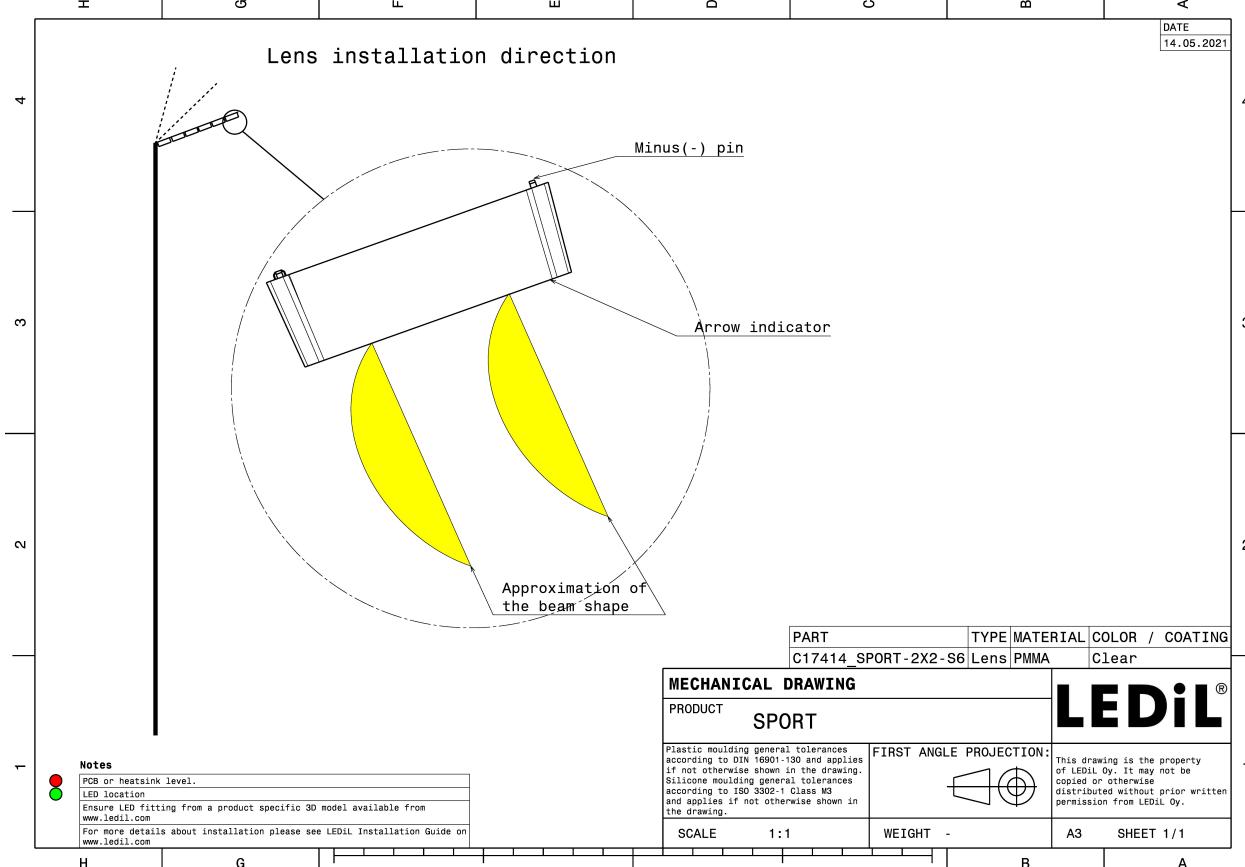
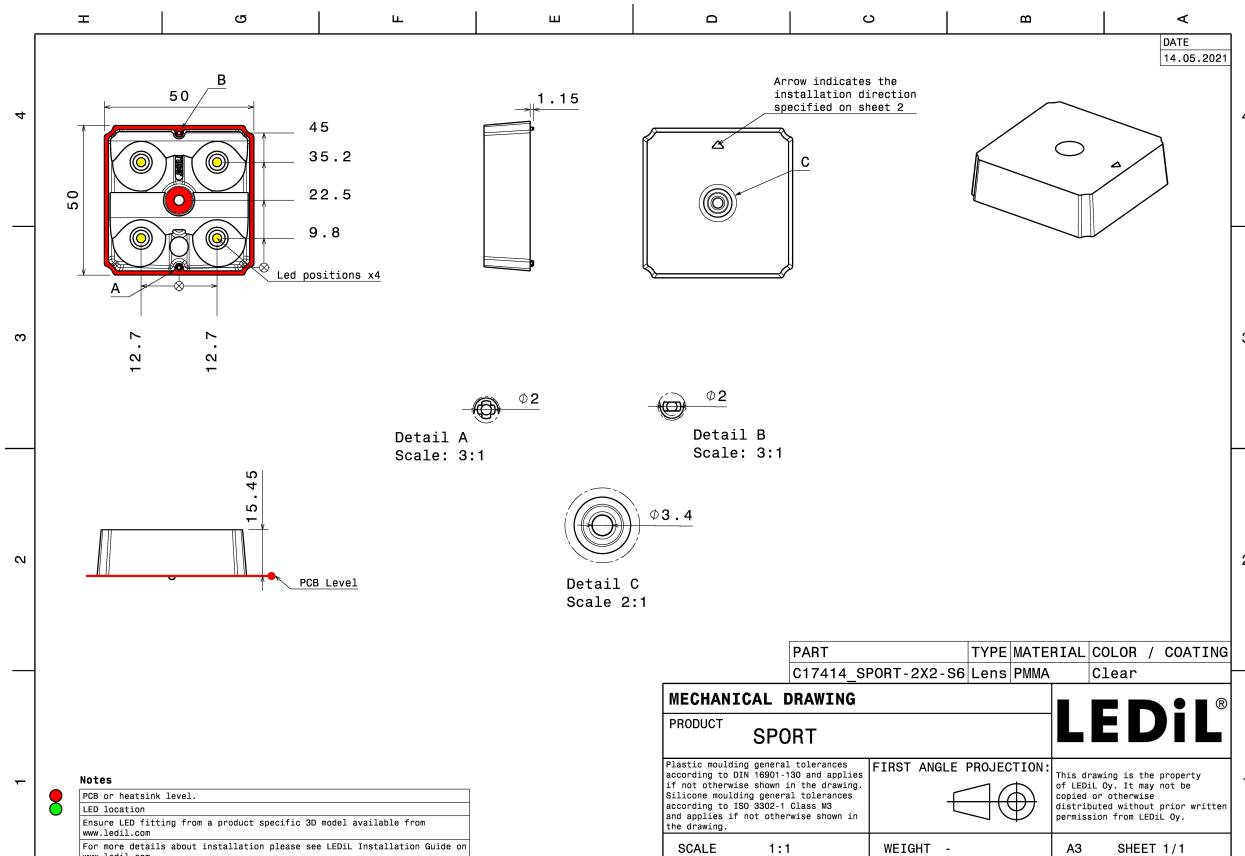
Dimensions	50.0 x 50.0 mm
Height	15.5 mm
Fastening	screw
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
SPORT-2X2-S6	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17414_SPORT-2X2-S6 » Box size: 480 x 280 x 300 mm	476	140	28	11.4



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

PHOTOMETRIC DATA (MEASURED):



LED PassivePAQ-R-274x51-NI0-21K-857-5

FWHM / FWTM Asymmetric

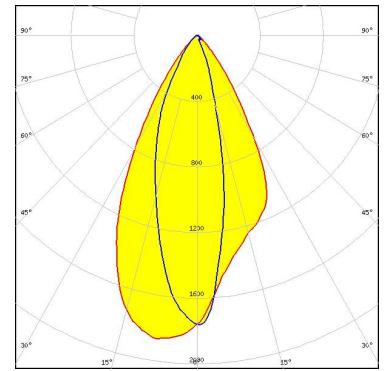
Efficiency 97 %

Peak intensity 1.9 cd/lm

LEDs/each optic 1

Light colour White

Required components:

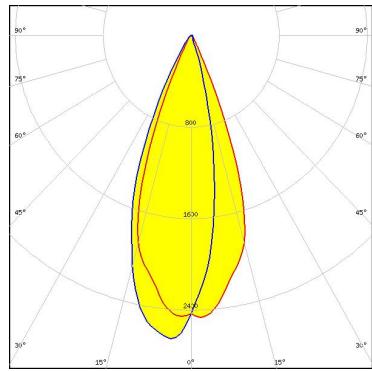


PHOTOMETRIC DATA (SIMULATED):

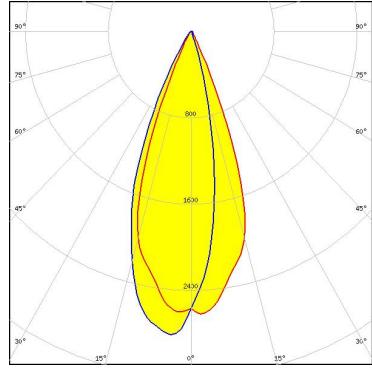


LED	J Series 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass

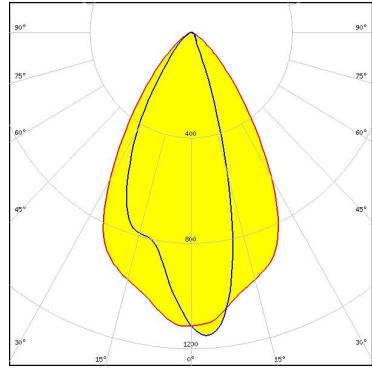


LED	J Series 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	97 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

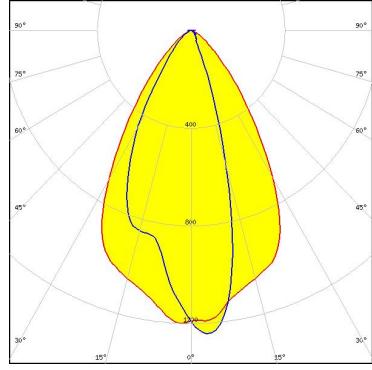


LED	XM-L3
FWHM / FWTM	Asymmetric
Efficiency	86 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



LED	XM-L3
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



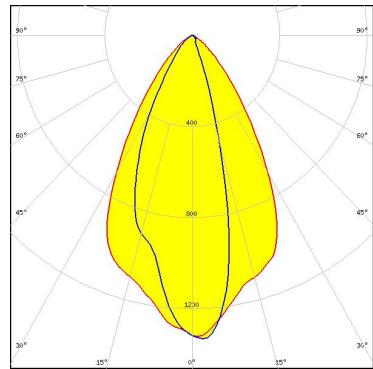
PHOTOMETRIC DATA (SIMULATED):



LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

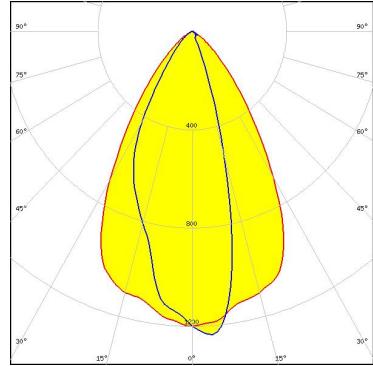
Protective plate, glass



LED	XP-L HD
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White

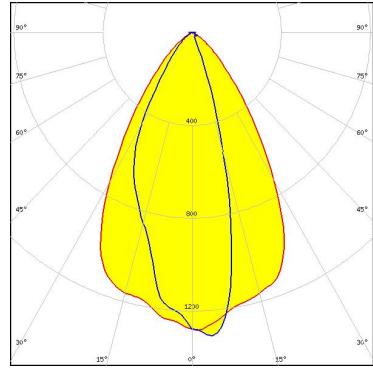
Required components:

Protective plate, glass



LED	XP-L HD
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White

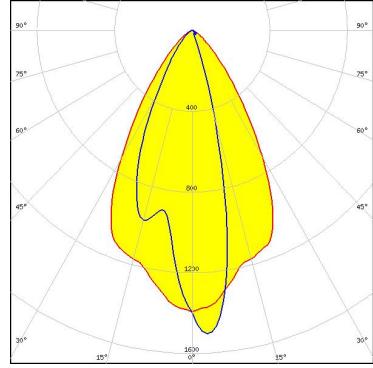
Required components:



LED	XP-L HI
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

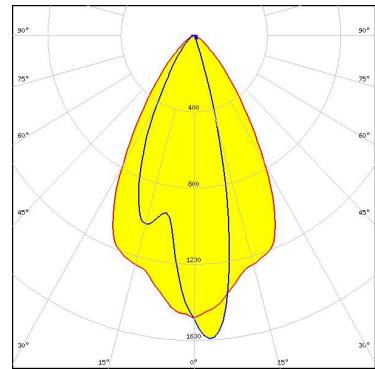


PHOTOMETRIC DATA (SIMULATED):



LED	XP-L HI
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White

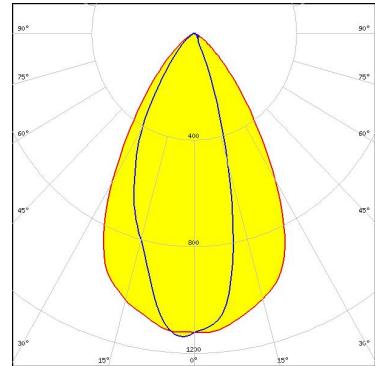
Required components:



LED	XP-L2
FWHM / FWTM	Asymmetric
Efficiency	86 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

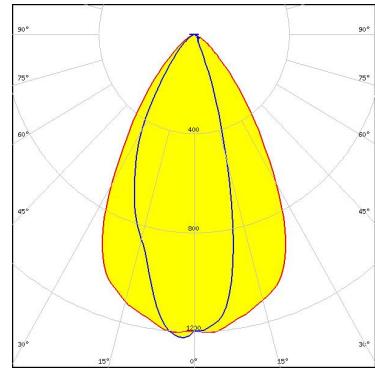
Required components:

Protective plate, glass



LED	XP-L2
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

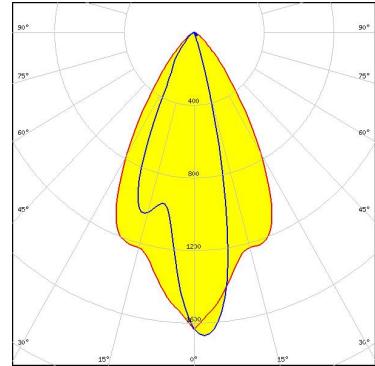
Required components:



LED	XP-P
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

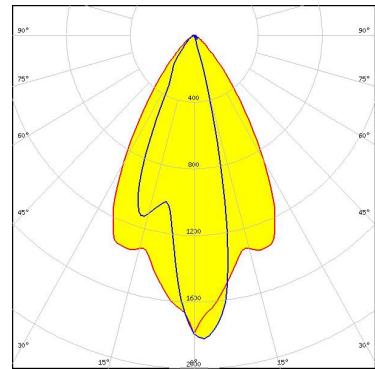


PHOTOMETRIC DATA (SIMULATED):



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

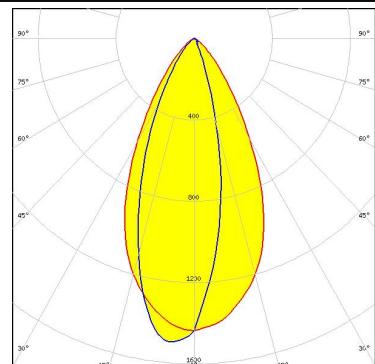
Required components:



LED	LUXEON 5050 HE
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White

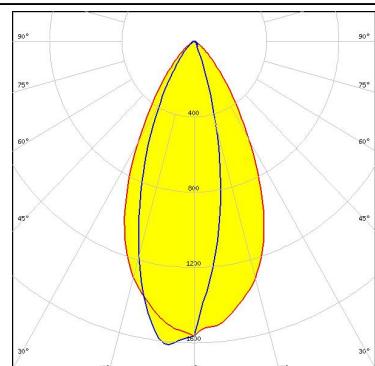
Required components:

Protective plate, glass



LED	LUXEON 5050 HE
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White

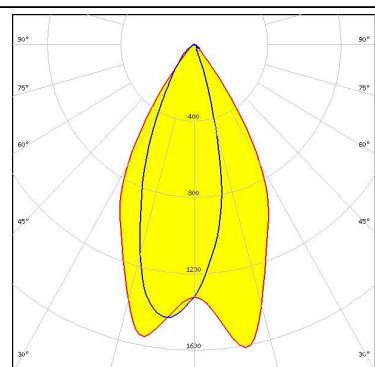
Required components:



LED	LUXEON 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

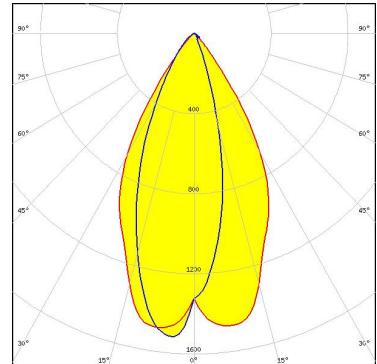


PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

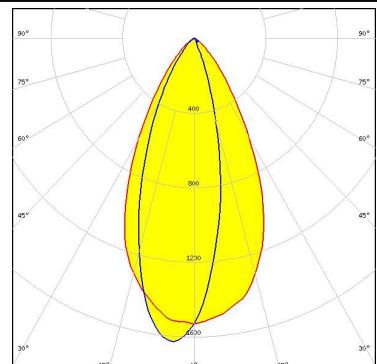
LED LUXEON 5050 Square LES
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



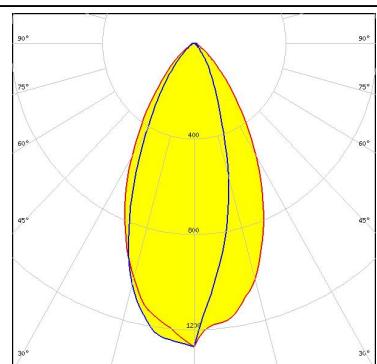
LUMILEDS

LED LUXEON 5050 Square LES
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

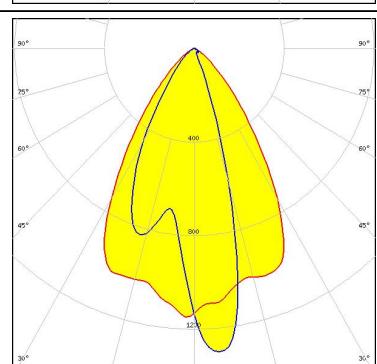
LED LUXEON 7070
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

LED LUXEON HL2X
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



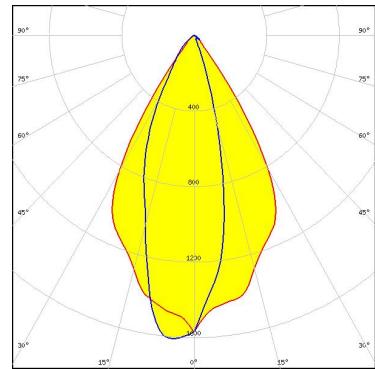
PHOTOMETRIC DATA (SIMULATED):



LED	NV4WB35AM
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

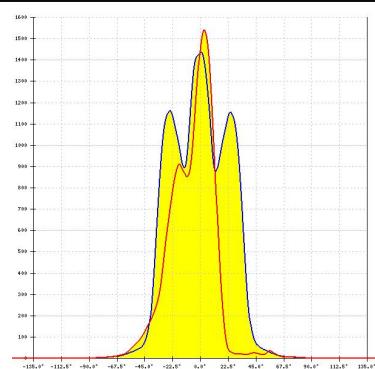
Protective plate, glass



LED	NVSW219F
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

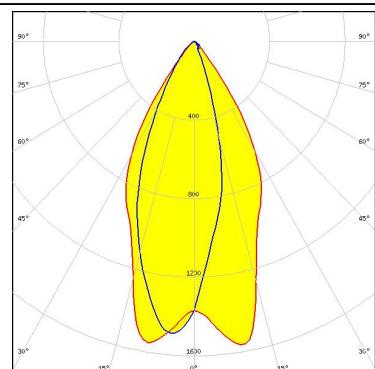
Protective plate, glass



LED	Duris S8
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

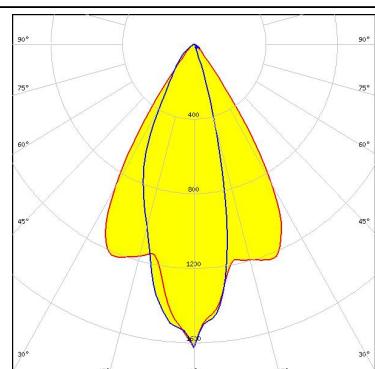
Protective plate, glass



LED	OSCONIQ P 3737 (3W version)
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass



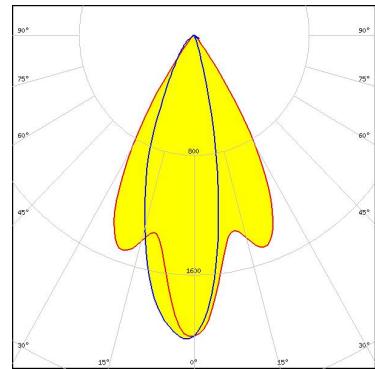
PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED	OSCONIQ P 3737 Flat
FWHM / FWTM	Asymmetric
Efficiency	97 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



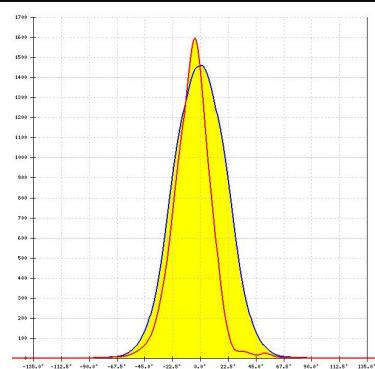
OSRAM

Opto Semiconductors

LED	OSCONIQ S 5050
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

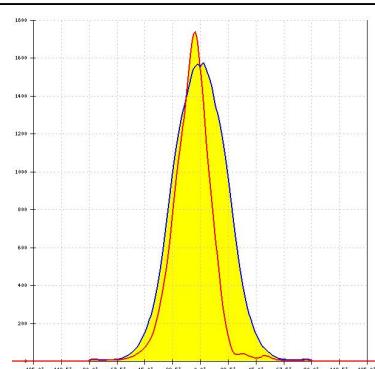


OSRAM

Opto Semiconductors

LED	OSCONIQ S 5050
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



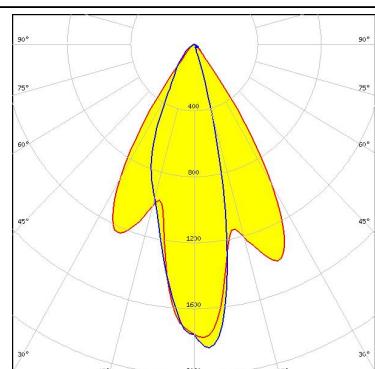
OSRAM

Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass



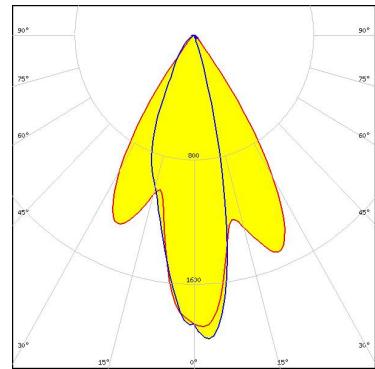
PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

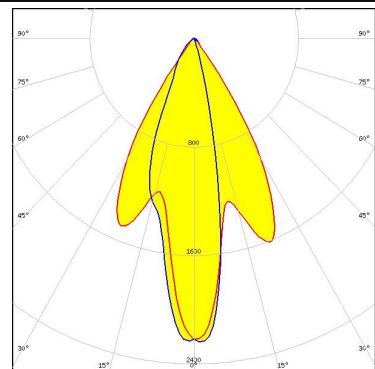


OSRAM

Opto Semiconductors

LED	OSLON Square Flat
FWHM / FWTM	Asymmetric
Efficiency	97 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

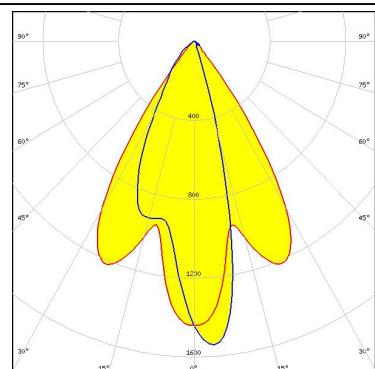


SAMSUNG

LED	LH351B
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

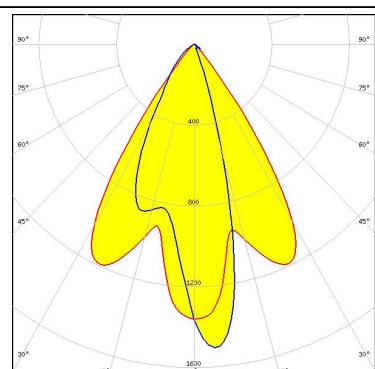


SAMSUNG

LED	LH351C
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

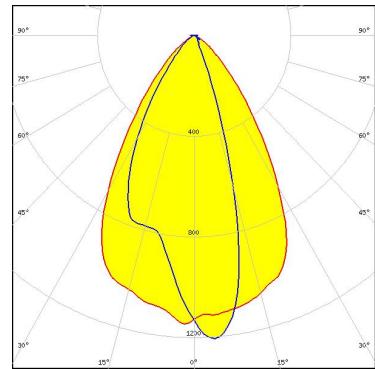


PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED	LH351D
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

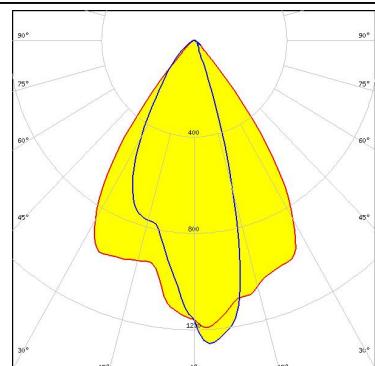


SAMSUNG

LED	LH351D
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Protective plate, glass

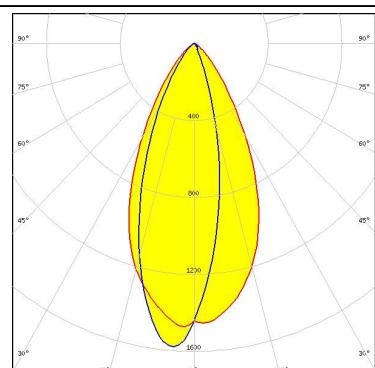


SAMSUNG

LED	LH502C
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

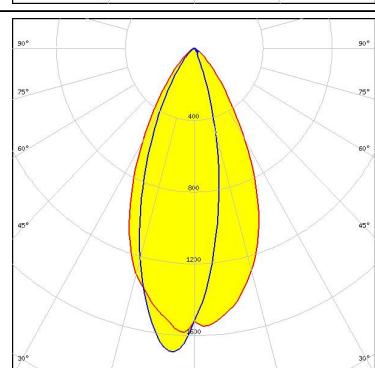
Protective plate, glass



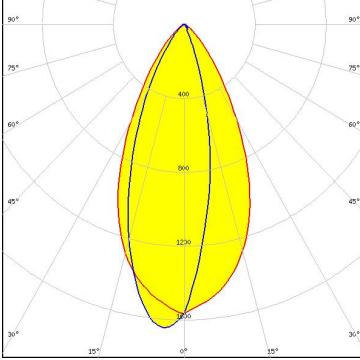
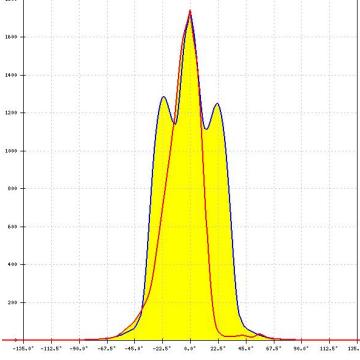
SAMSUNG

LED	LH502C
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



PHOTOMETRIC DATA (SIMULATED):

 SEOUL SEMICONDUCTOR LED SEOUL DC 5050 6V FWHM / FWTM Asymmetric Efficiency 95 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour White Required components:	
 SEOUL SEMICONDUCTOR LED Z5M3 FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 1.7 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.

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