

SPORT-2X2-FT60

Narrow forward throw beam for high masts

SPECIFICATION:

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

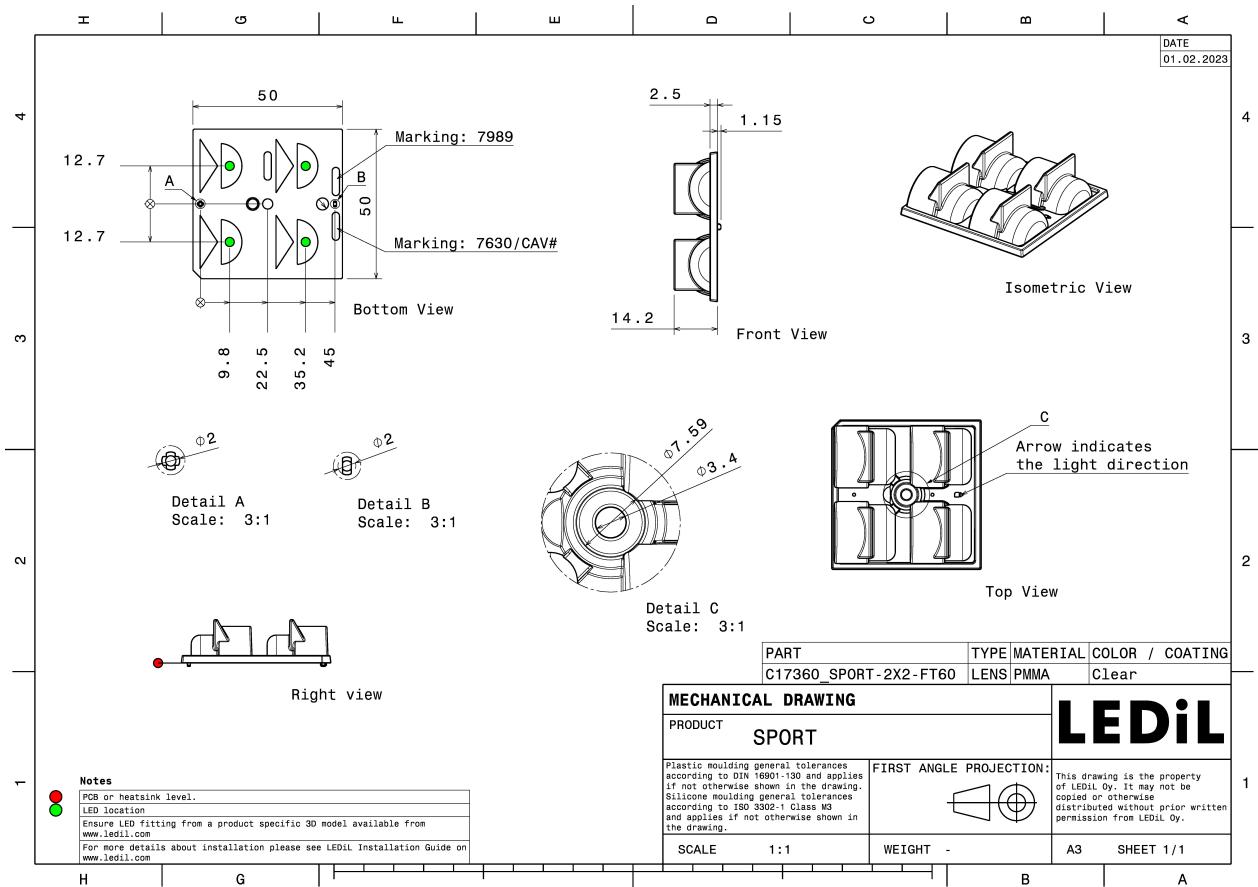
MATERIALS:

Component	Type	Material	Colour	Finish	Length
SPORT-2X2-FT60	Multi-lens	PMMA	clear		50.0

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17360_SPORT-2X2-FT60 » Box size: 480 x 280 x 300 mm	640	128	128	9.5



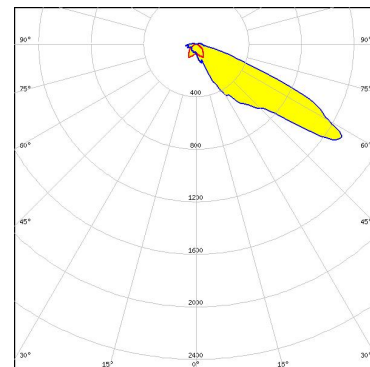


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

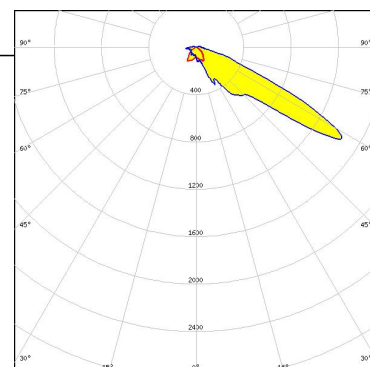
OSRAM
Opto Semiconductors

LED OSCONIQ C 3030
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



TEPCOMP
group

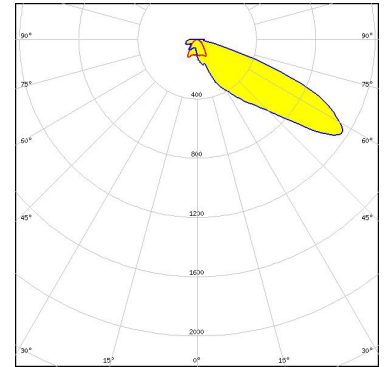
LED PassivePAQ-R-222x50.OS1.9.7K-750-5 V1.0
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



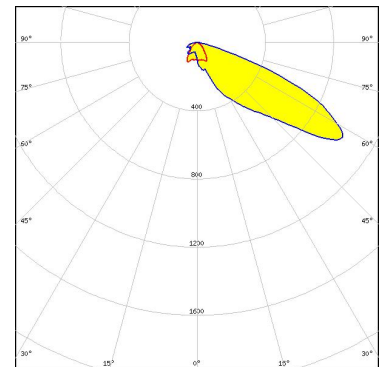
OPTICAL RESULTS (SIMULATED):



LED J Series 5050 Round LES
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



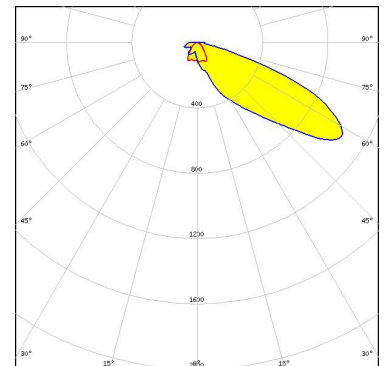
LED J Series 5050 Round LES
 FWHM / FWTM Asymmetric
 Efficiency 78 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Protective plate, glass



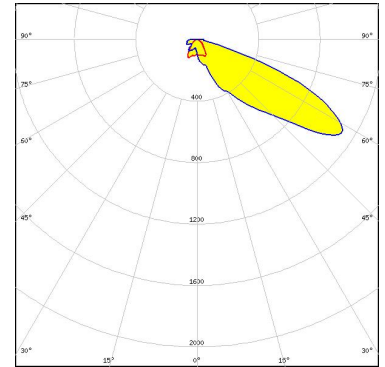
LED J Series 5050B 6V K Class
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



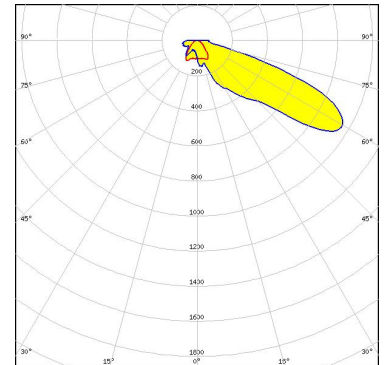
OPTICAL RESULTS (SIMULATED):



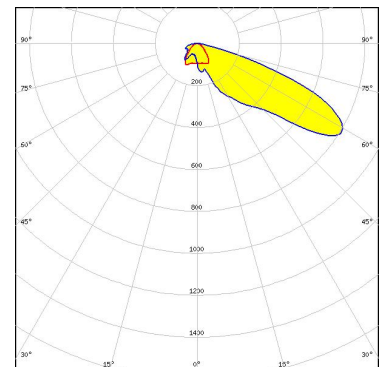
LED J Series 5050C 6V E Class
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED XHP35.2 HD
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED XHP35.2 HD
 FWHM / FWTM Asymmetric
 Efficiency 73 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



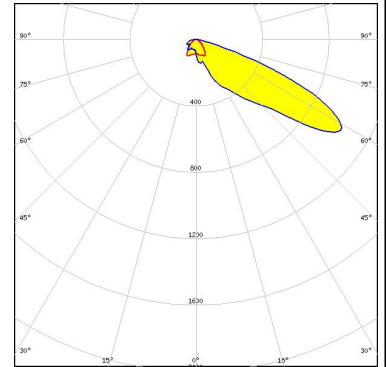
Protective plate, glass

OPTICAL RESULTS (SIMULATED):

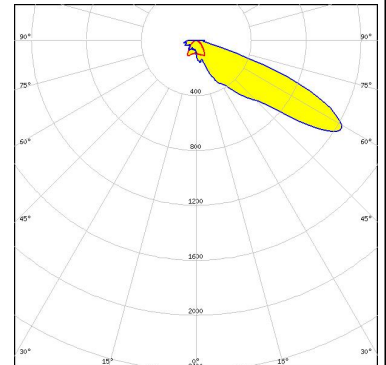


LED XHP35.2 HI
FWHM / FWTM Asymmetric
Efficiency 77 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

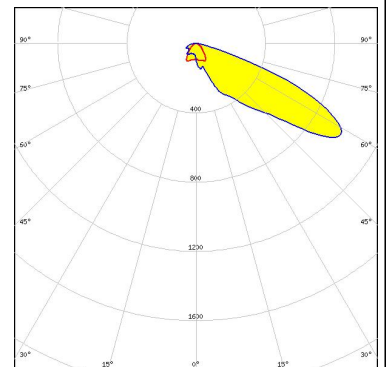


LED XHP35.2 HI
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED XHP50.3 HI
FWHM / FWTM Asymmetric
Efficiency 77 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass



OPTICAL RESULTS (SIMULATED):

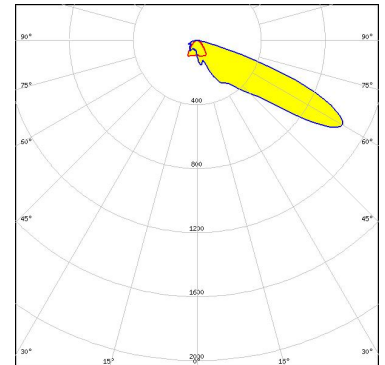


LED XHP50.3 HI
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

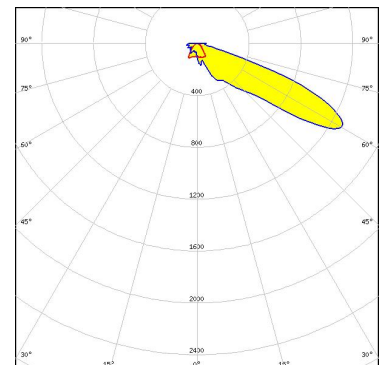


LED XM-L3
FWHM / FWTM Asymmetric
Efficiency 74 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass



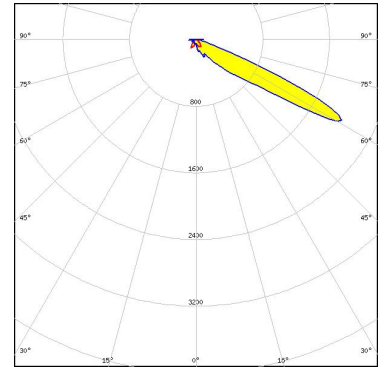
LED XM-L3
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



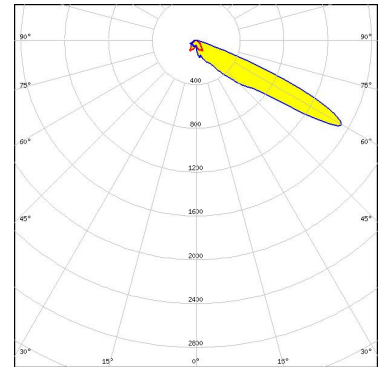
OPTICAL RESULTS (SIMULATED):



LED XP-E2
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour/type Green
 Required components:



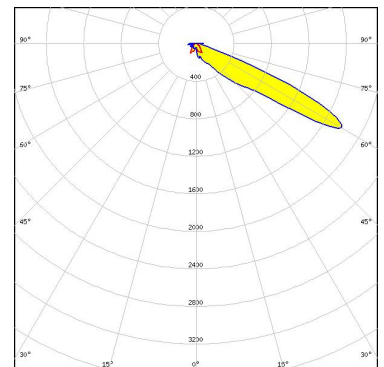
LED XP-G2
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Protective plate, glass



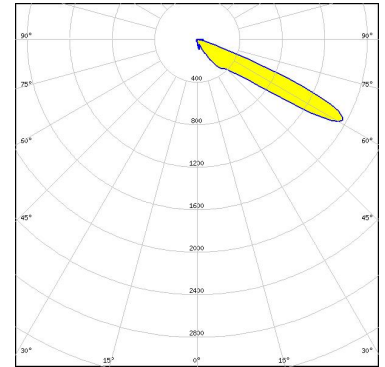
LED XP-G2
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



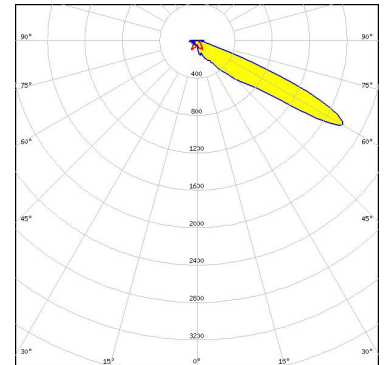
OPTICAL RESULTS (SIMULATED):



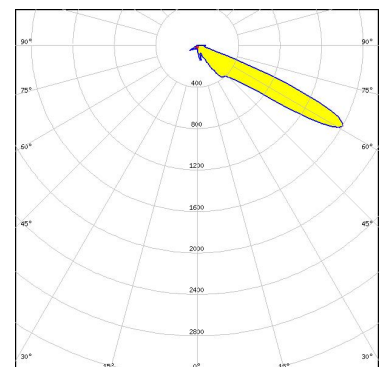
LED XP-G2 HE
 FWHM / FWTM Asymmetric
 Efficiency 61 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C17929_SPORT-2X2-FT-SHD-BLK



LED XP-G2 HE
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED XP-G2 HE
 FWHM / FWTM Asymmetric
 Efficiency 73 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C18069_SPORT-2X2-FT-SHD-WHT

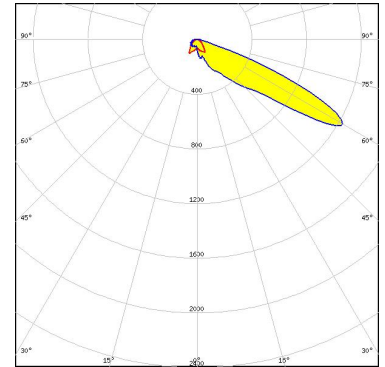


OPTICAL RESULTS (SIMULATED):

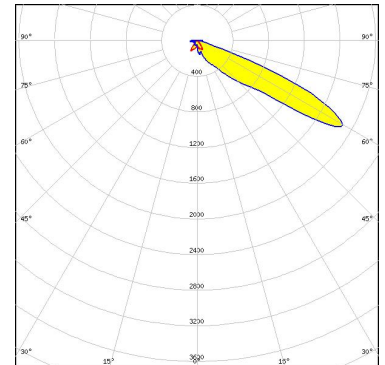


LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 73 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

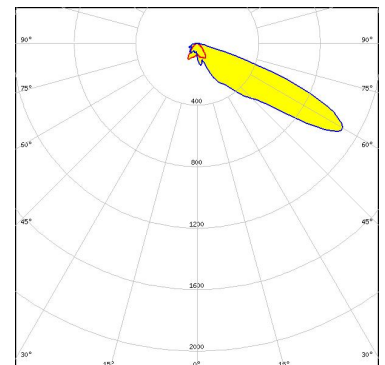


LED XP-G4
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED XP-L HD
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

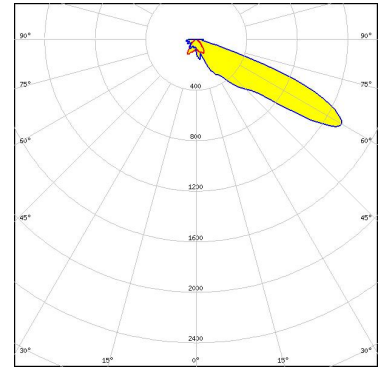
Protective plate, glass



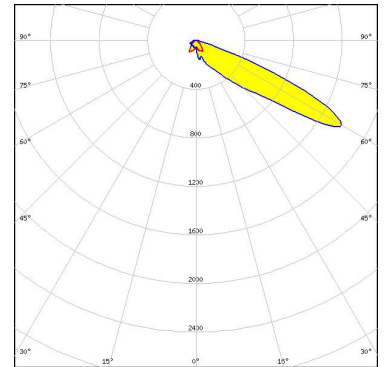
OPTICAL RESULTS (SIMULATED):



LED XP-L HD
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



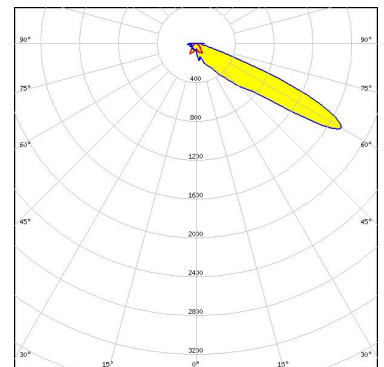
LED XP-L HI
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Protective plate, glass



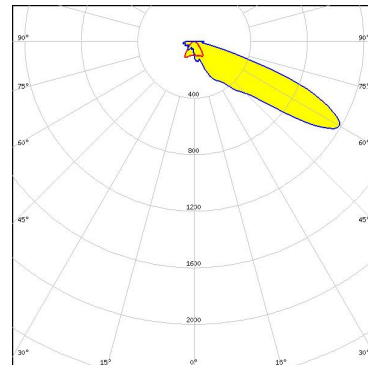
LED XP-L HI
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



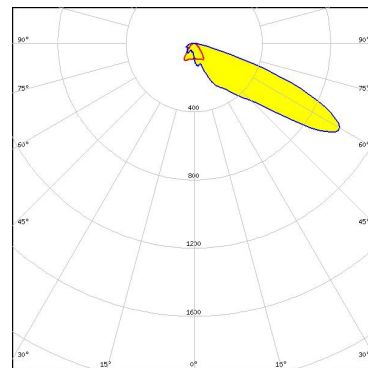
OPTICAL RESULTS (SIMULATED):



LED XP-L2
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



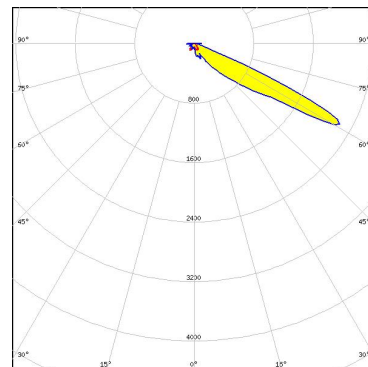
LED XP-L2
 FWHM / FWTM Asymmetric
 Efficiency 72 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Protective plate, glass



LED XP-P
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

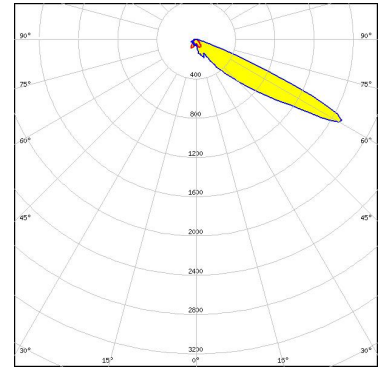


OPTICAL RESULTS (SIMULATED):



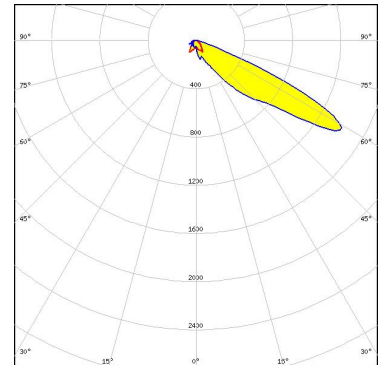
LED XP-P
FWHM / FWTM Asymmetric
Efficiency 77 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass



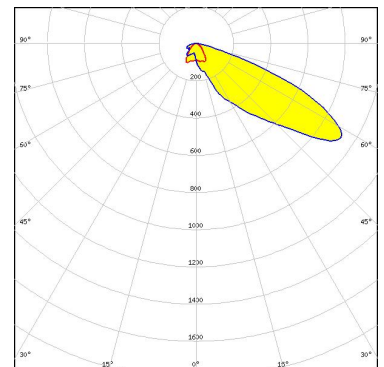
LED LUXEON 3030 2D (Round LES)
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass



LED LUXEON 5050 HE
FWHM / FWTM Asymmetric
Efficiency 74 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

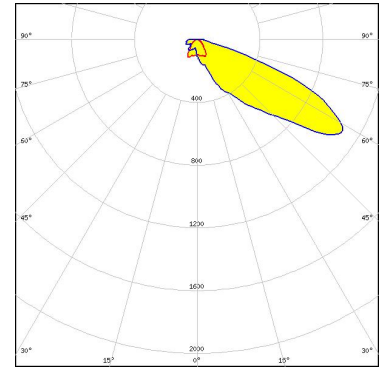
Protective plate, glass



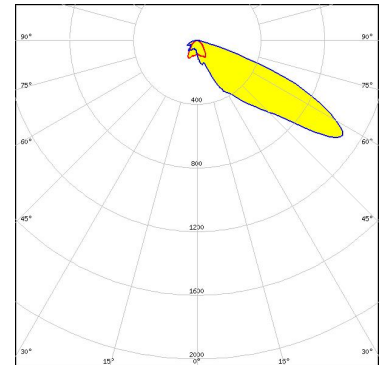
OPTICAL RESULTS (SIMULATED):



LED LUXEON 5050 HE
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



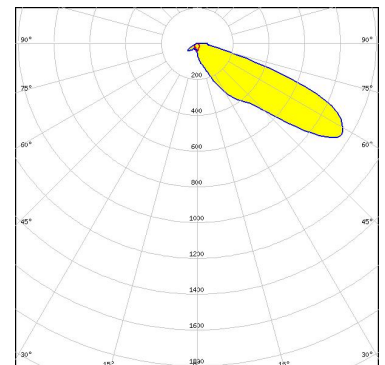
LED LUXEON 5050 Round LES
 FWHM / FWTM Asymmetric
 Efficiency 78 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Protective plate, glass



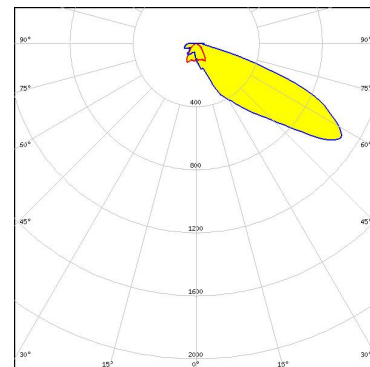
LED LUXEON 5050 Square LES
 FWHM / FWTM Asymmetric
 Efficiency 70 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C18069_SPORT-2X2-FT-SHD-WHT



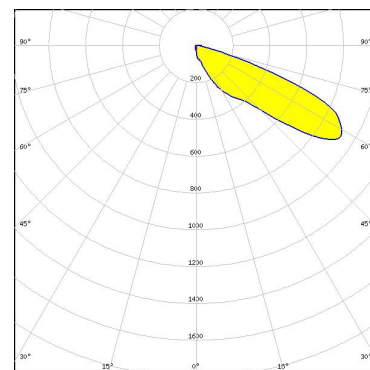
OPTICAL RESULTS (SIMULATED):



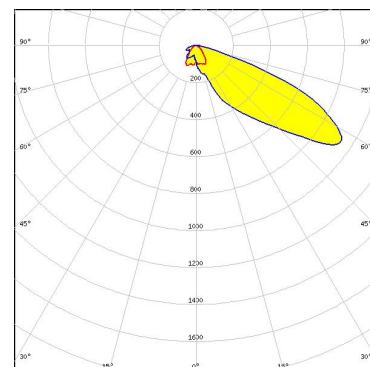
LED LUXEON 5050 Square LES
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED LUXEON 5050 Square LES
 FWHM / FWTM Asymmetric
 Efficiency 58 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C17929_SPORT-2X2-FT-SHD-BLK



LED LUXEON 5050 Square LES
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

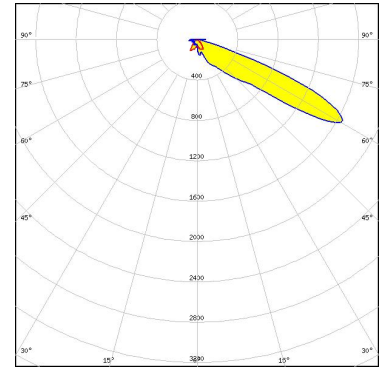


Protective plate, glass

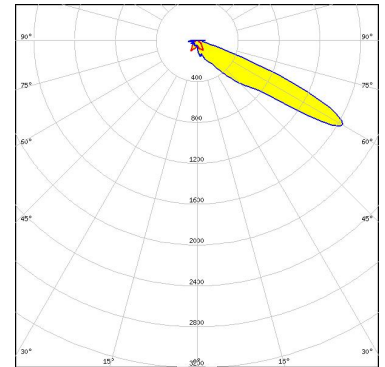
OPTICAL RESULTS (SIMULATED):



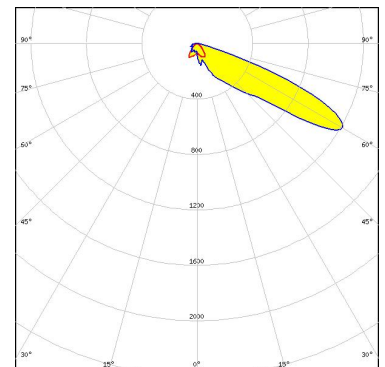
LED LUXEON HL2X
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED LUXEON TX
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

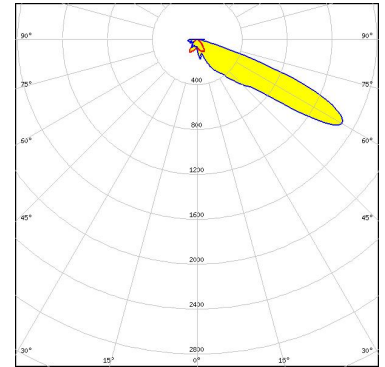


Protective plate, glass

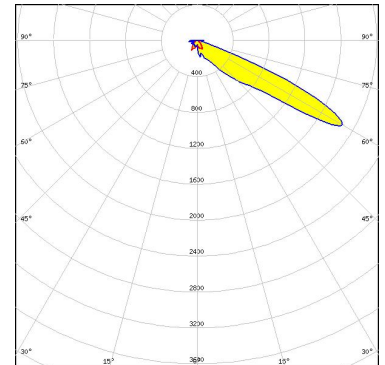
OPTICAL RESULTS (SIMULATED):



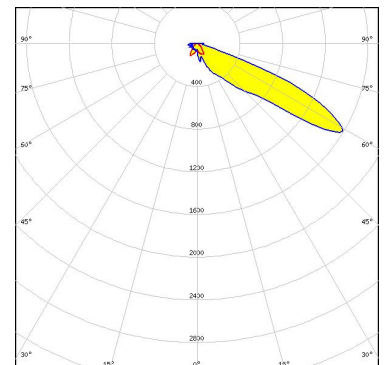
LED LUXEON XR-HL2X (L2H2-xxxxxxMLU010)
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED SFT-40-WCS
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



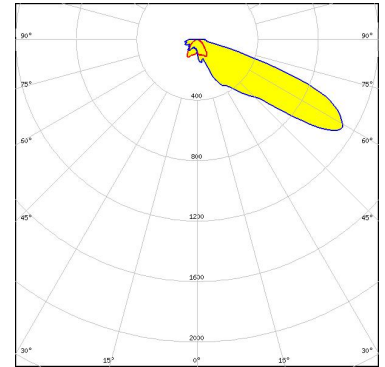
LED SFT-70X-WCS
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



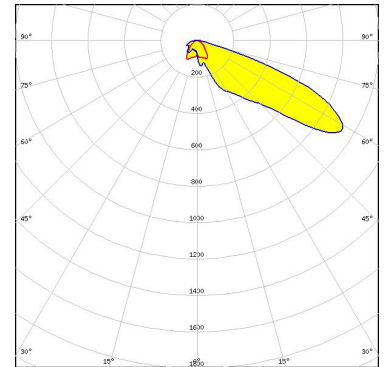
OPTICAL RESULTS (SIMULATED):



LED SST-70X-WCS
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



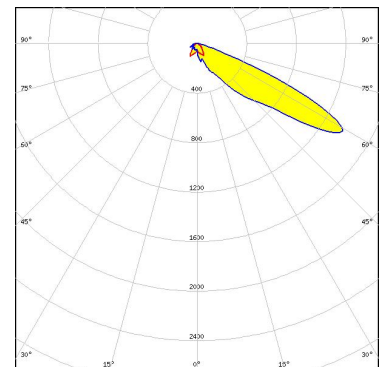
LED SST-70X-WCS
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Protective plate, glass



LED NFSx757G
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

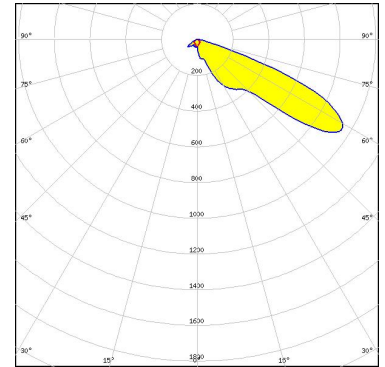


Protective plate, glass

OPTICAL RESULTS (SIMULATED):



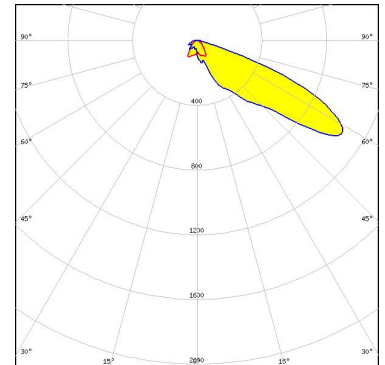
LED NV4WB35AM
 FWHM / FWTM Asymmetric
 Efficiency 61 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C18069_SPORT-2X2-FT-SHD-WHT



Protective plate, glass



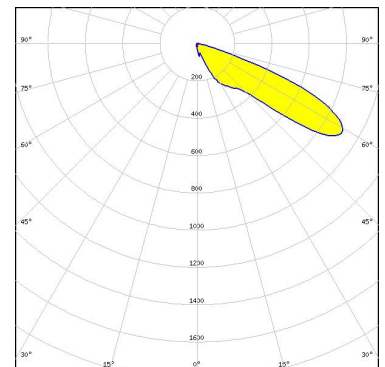
LED NV4WB35AM
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Protective plate, glass



LED NV4WB35AM
 FWHM / FWTM Asymmetric
 Efficiency 49 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C17929_SPORT-2X2-FT-SHD-BLK

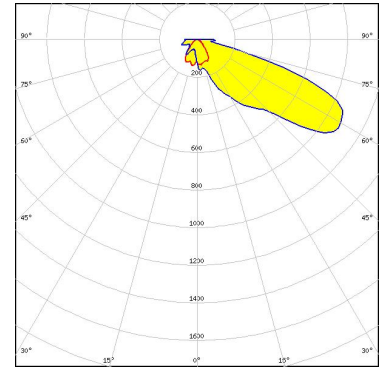


Protective plate, glass

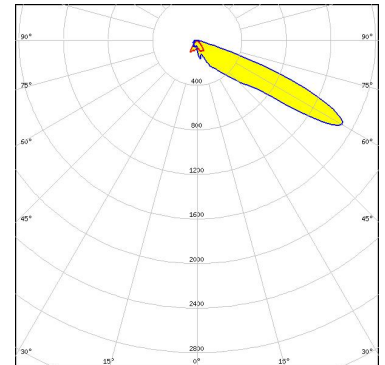
OPTICAL RESULTS (SIMULATED):



LED NV4x144A
 FWHM / FWTM Asymmetric
 Efficiency 86 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



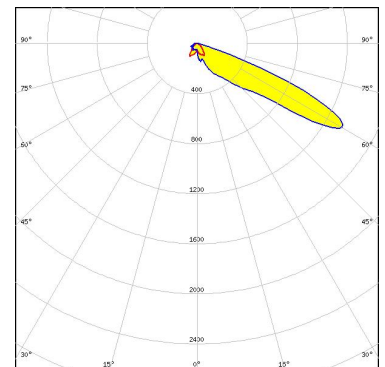
LED NVSW219D
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Protective plate, glass



LED NVSW219F
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



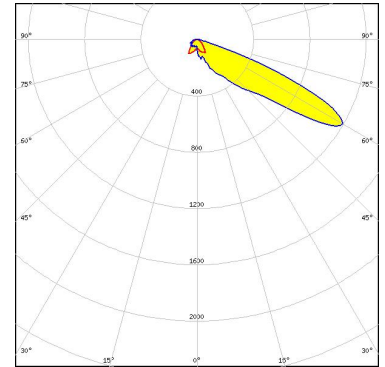
Protective plate, glass

OPTICAL RESULTS (SIMULATED):



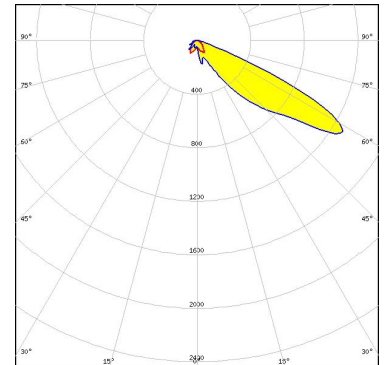
LED NVSW3x9A
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

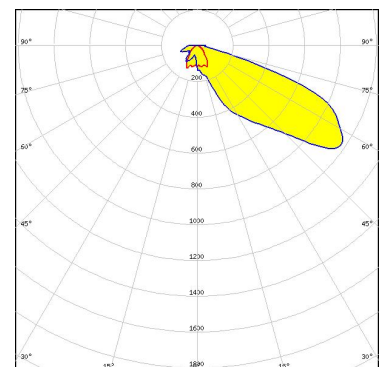


LED NVSxE21A
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass



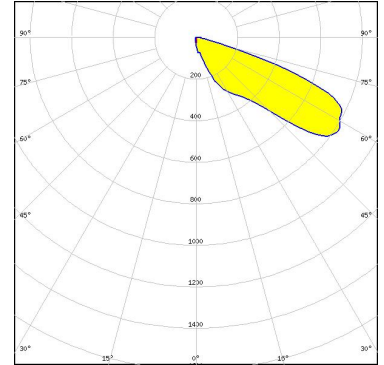
LED Duris S8
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

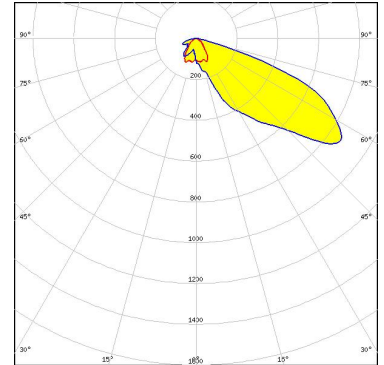
LED Duris S8
FWHM / FWTM Asymmetric
Efficiency 57 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C17929_SPORT-2X2-FT-SHD-BLK



OSRAM
Opto Semiconductors

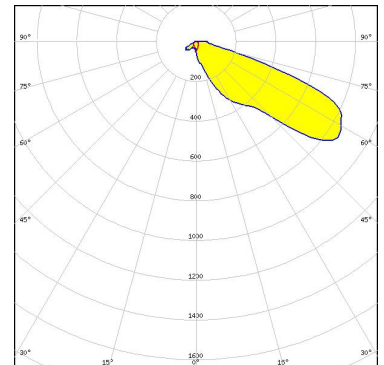
LED Duris S8
FWHM / FWTM Asymmetric
Efficiency 78 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass



OSRAM
Opto Semiconductors

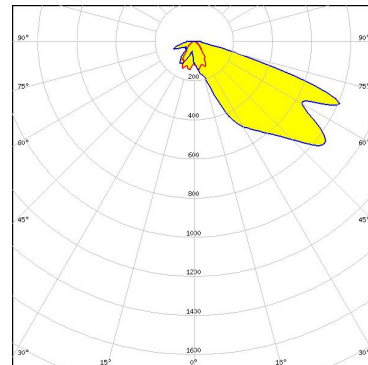
LED Duris S8
FWHM / FWTM Asymmetric
Efficiency 70 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C18069_SPORT-2X2-FT-SHD-WHT



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSCONIQ C 2424
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 0.8 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:

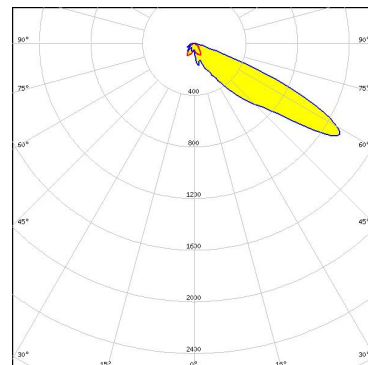


OSRAM
Opto Semiconductors

LED OSCONIQ C 3030
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

OSRAM
Opto Semiconductors

LED OSCONIQ C 3030
FWHM / FWTM Asymmetric
Efficiency 78 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



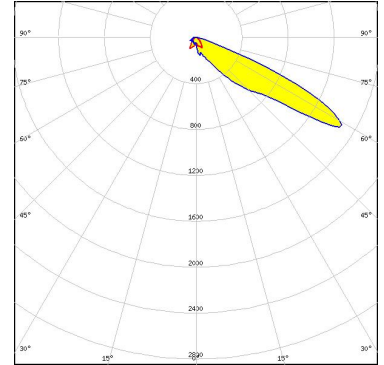
Protective plate, glass

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSCONIQ P 3737 (2W version)
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

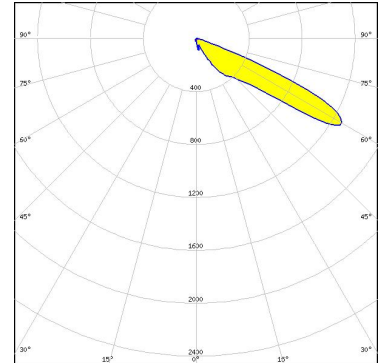
Protective plate, glass



OSRAM
Opto Semiconductors

LED OSCONIQ P 3737 (2W version)
FWHM / FWTM Asymmetric
Efficiency 51 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C17929_SPORT-2X2-FT-SHD-BLK

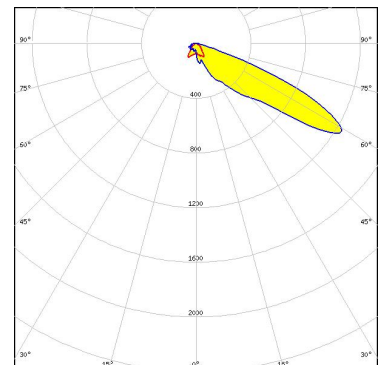
Protective plate, glass



OSRAM
Opto Semiconductors

LED OSCONIQ P 3737 (3W version)
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

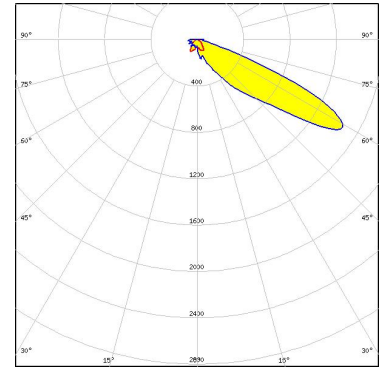
Protective plate, glass



OPTICAL RESULTS (SIMULATED):

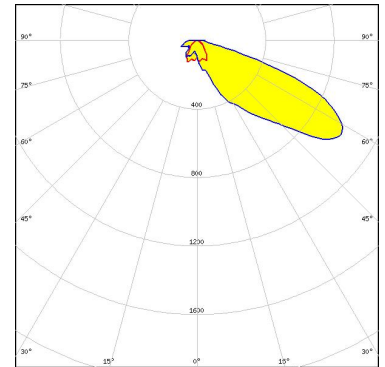
OSRAM
Opto Semiconductors

LED OSCONIQ P 3737 Flat
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



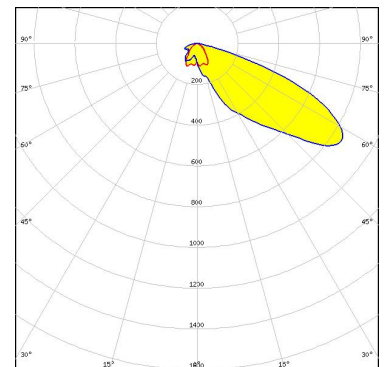
OSRAM
Opto Semiconductors

LED OSCONIQ S 5050
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



OSRAM
Opto Semiconductors

LED OSCONIQ S 5050
FWHM / FWTM Asymmetric
Efficiency 78 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



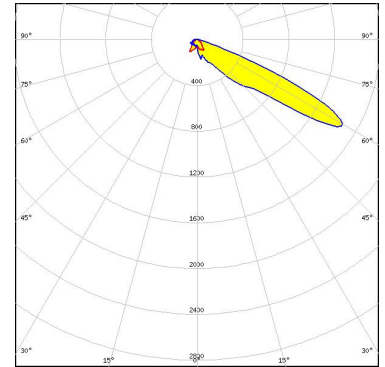
Protective plate, glass

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

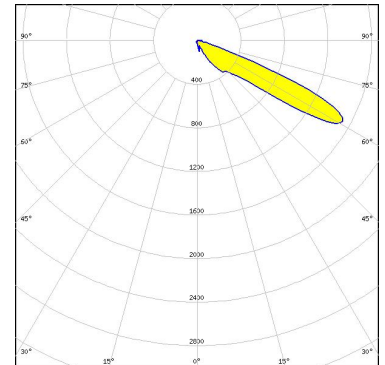
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass



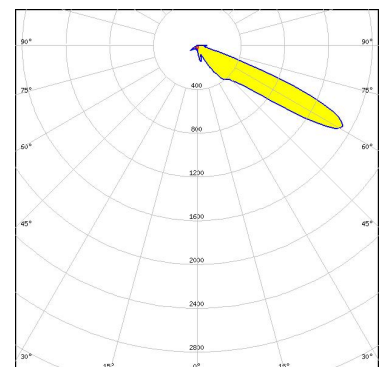
OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 62 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C17929_SPORT-2X2-FT-SHD-BLK



OSRAM
Opto Semiconductors

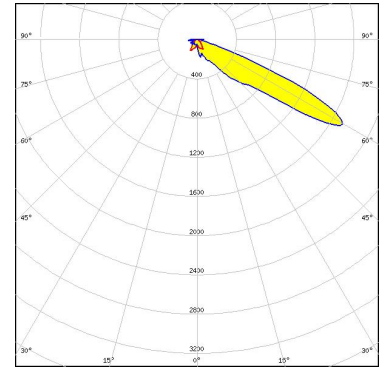
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 73 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C18069_SPORT-2X2-FT-SHD-WHT



OPTICAL RESULTS (SIMULATED):

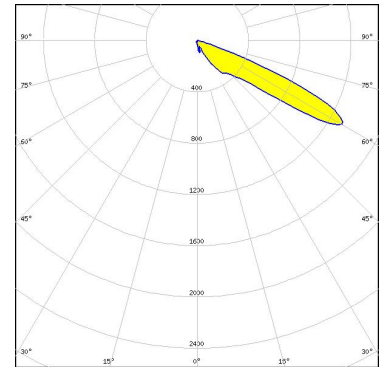
OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



OSRAM
Opto Semiconductors

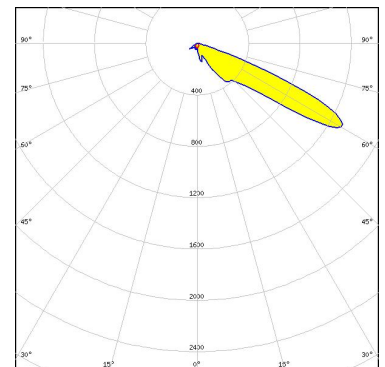
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 51 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C17929_SPORT-2X2-FT-SHD-BLK



Protective plate, glass

OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 63 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C18069_SPORT-2X2-FT-SHD-WHT

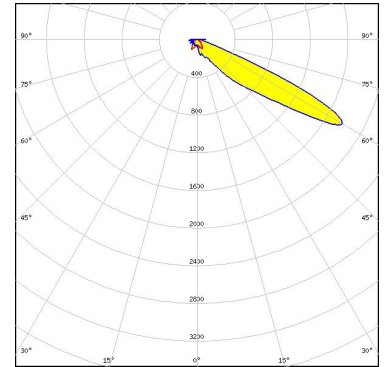


Protective plate, glass

OPTICAL RESULTS (SIMULATED):

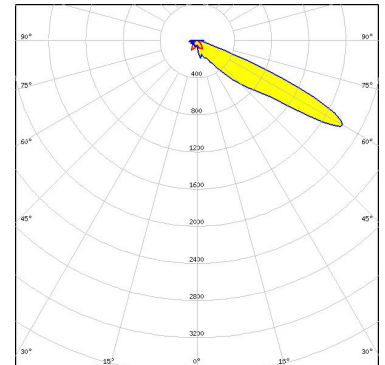
OSRAM
Opto Semiconductors

LED OSLON Square Flat
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



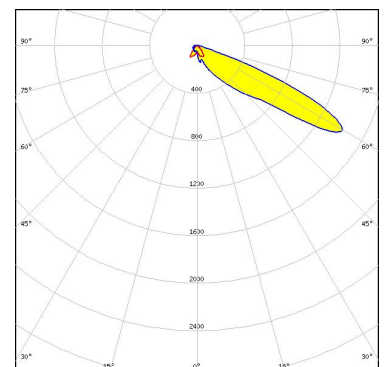
OSRAM
Opto Semiconductors

LED OSTAR Projection Compact (KW.CSLNM1.TG)
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



SAMSUNG

LED LH351B
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



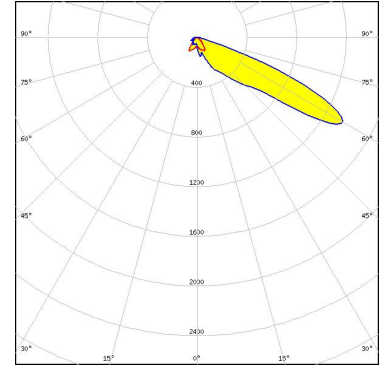
Protective plate, glass

OPTICAL RESULTS (SIMULATED):

SAMSUNG

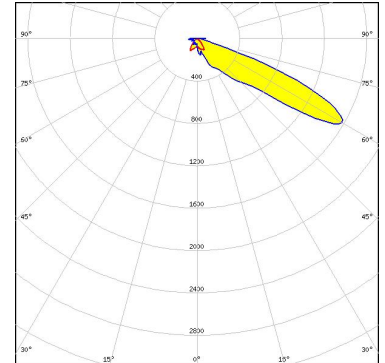
LED LH351C
FWHM / FWTM Asymmetric
Efficiency 77 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass



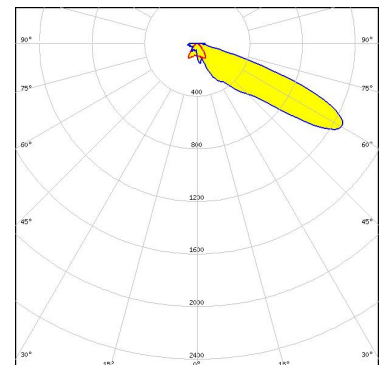
SAMSUNG

LED LH351C
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



SAMSUNG

LED LH351D
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

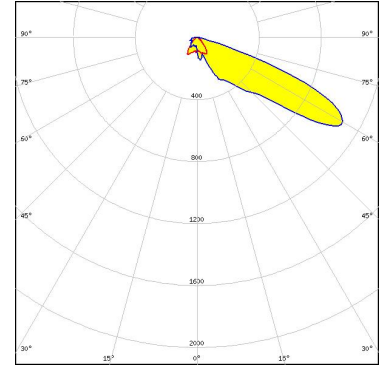


OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LH351D
FWHM / FWTM Asymmetric
Efficiency 74 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

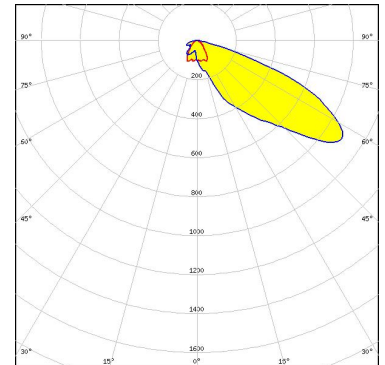
Protective plate, glass



SAMSUNG

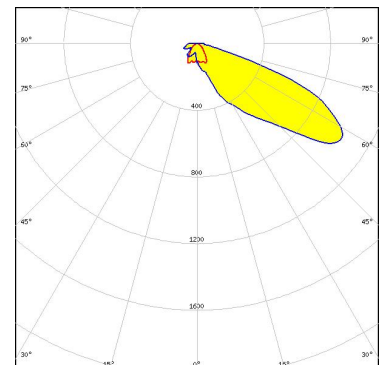
LED LH502C
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass



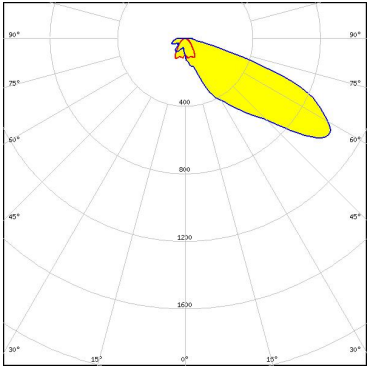
SAMSUNG

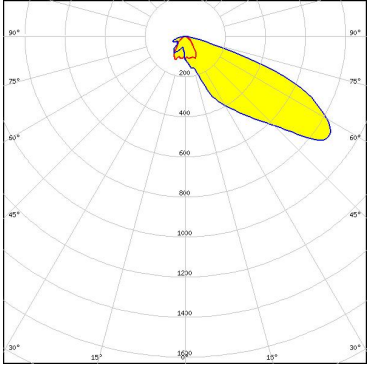
LED LH502C
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



OPTICAL RESULTS (SIMULATED):

 SEOUL SEMICONDUCTOR	
LED	MJT 5050
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Protective plate, glass	

 SEOUL SEMICONDUCTOR	
LED	SEOUL DC 5050 6V
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	

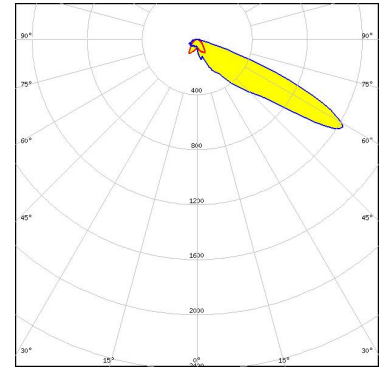
 SEOUL SEMICONDUCTOR	
LED	SEOUL DC 5050 6V
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
Protective plate, glass	
	

OPTICAL RESULTS (SIMULATED):



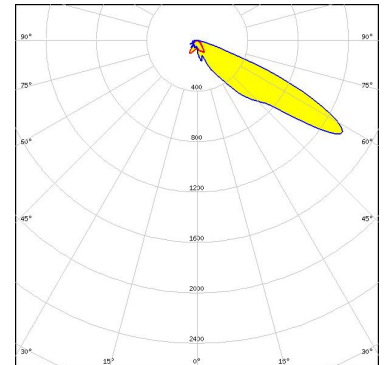
LED Z5M3
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

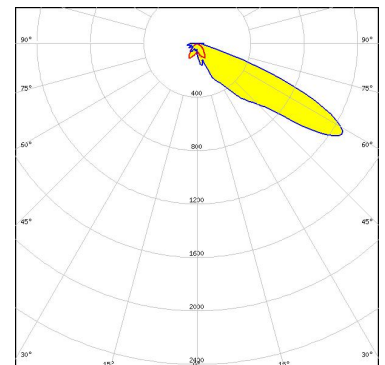


LED Z5M4
FWHM / FWTM Asymmetric
Efficiency 77 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass



LED Z5M5
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

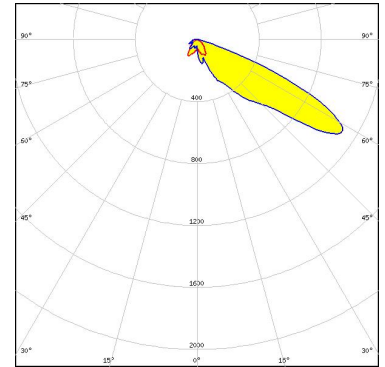


OPTICAL RESULTS (SIMULATED):

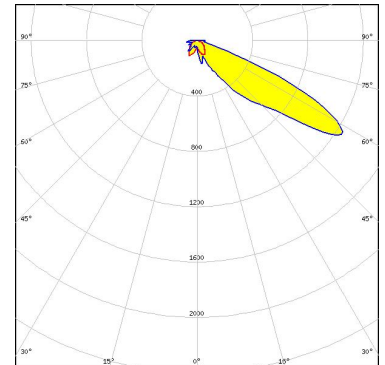


LED Z5M5
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

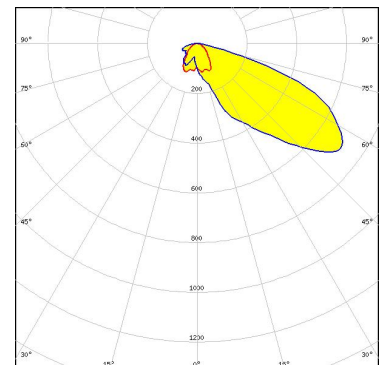


LED Z8Y22
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED Z8Y50P
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

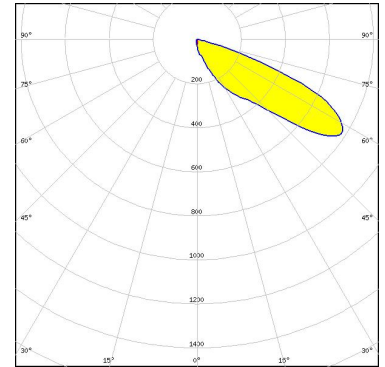
Protective plate, glass



OPTICAL RESULTS (SIMULATED):

TRIDONIC

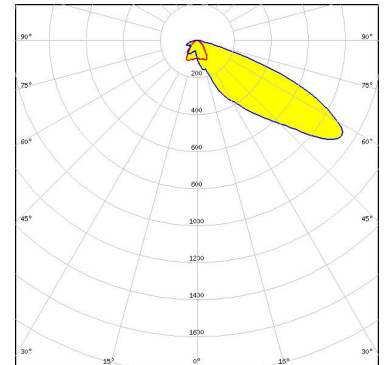
LED RLE 2x8 6000lm HP HE EXC3 OTD
 FWHM / FWTM Asymmetric
 Efficiency 48 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C17929_SPORT-2X2-FT-SHD-BLK



Protective plate, glass

TRIDONIC

LED RLE 2x8 6000lm HP HE EXC3 OTD
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Protective plate, glass

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.

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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

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