SPORT-2X2-FT6W

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

SPECIFICATION:

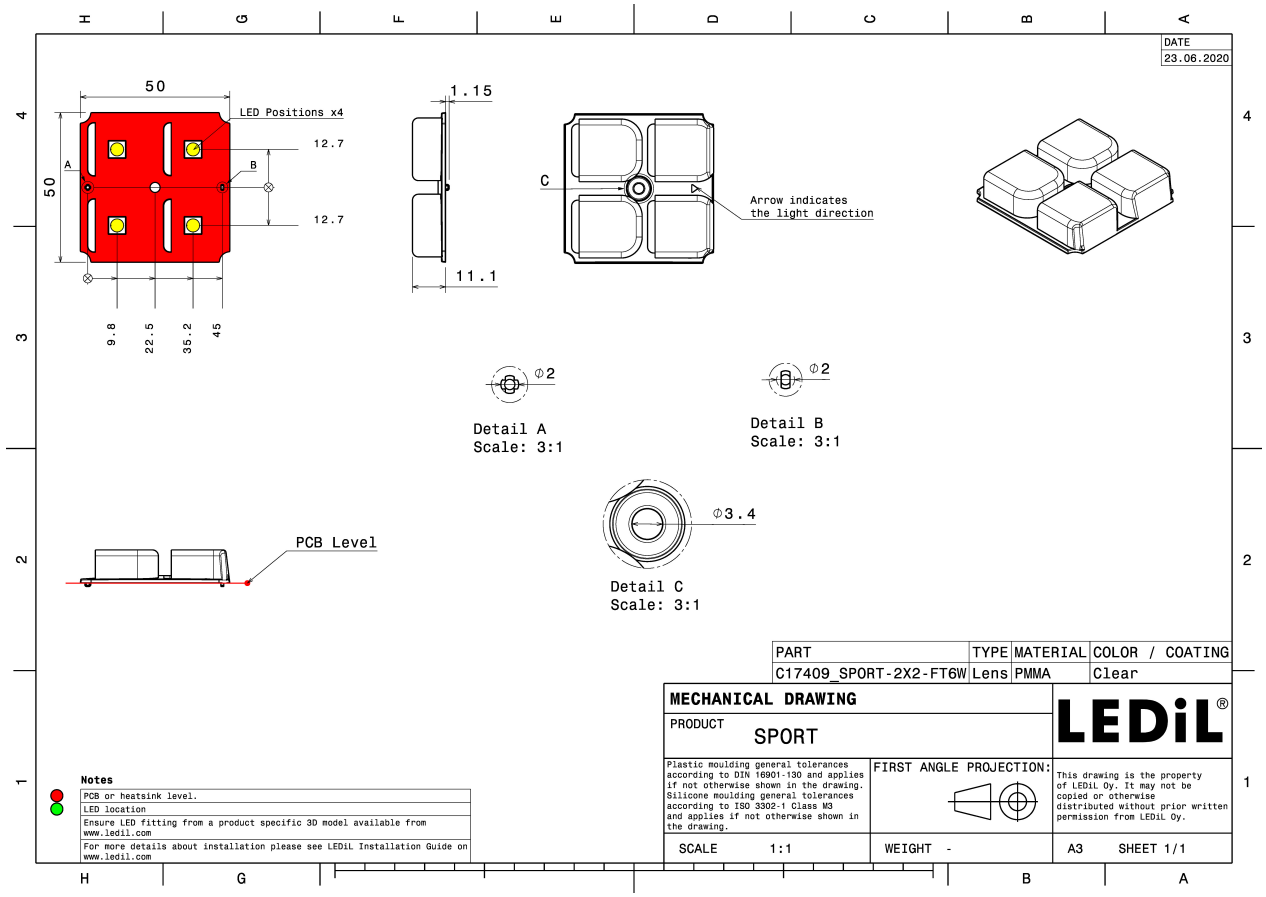
Dimensions	50.0 x 50.0
Height	11.1 mm
Fastening	screw
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
SPORT-2X2-FT6W	Multi-lens	PMMA	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17409_SPORT-2X2-FT6W » Box size: 480 x 280 x 300 mm	640	128	128	9.9



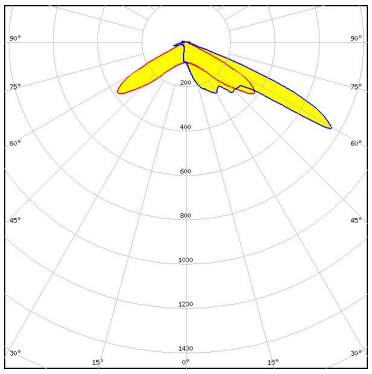
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED	OSCONIQ C 3030
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:



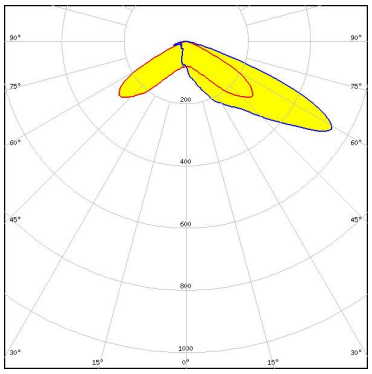
Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	J Series 5050 6V P Class
FWHM / FWTM	Asymmetric
Efficiency	82 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

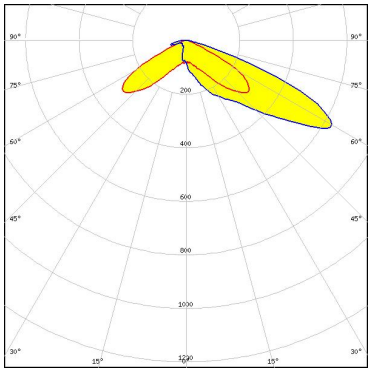
Protective plate, glass



Light distribution files

CREE LEDs

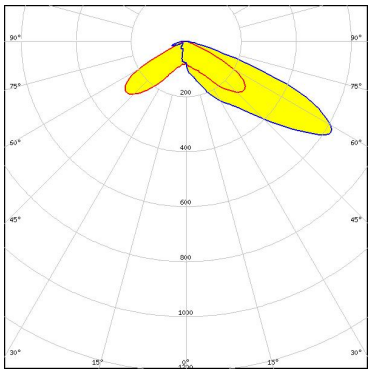
LED	J Series 5050 6V P Class
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	J Series 5050B 6V K Class
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

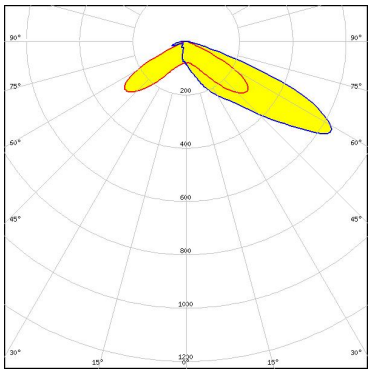


Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	J Series 5050C 6V E Class
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

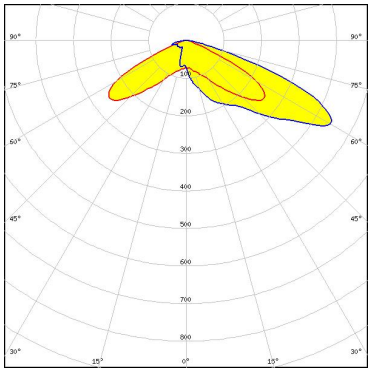


Light distribution files

CREE LEDs

LED	XHP35.2 HD
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

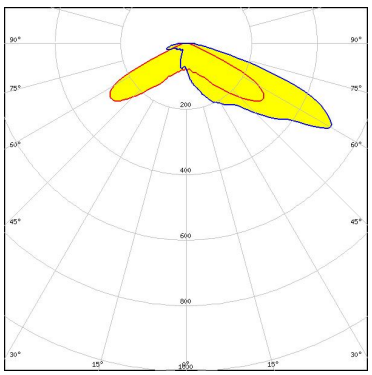
Protective plate, glass



Light distribution files

CREE LEDs

LED	XHP35.2 HD
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

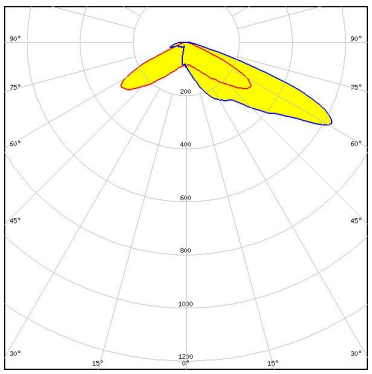
LED	XHP35.2 HI
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

Light distribution files

CREE LEDs

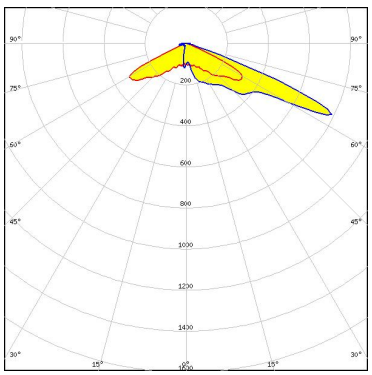
LED	XHP35.2 HI
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XP-G2 HE
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

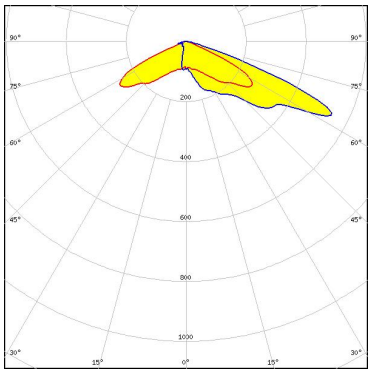


Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

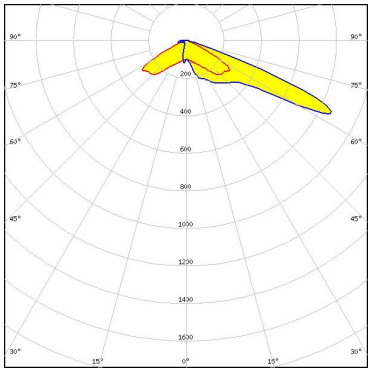


Protective plate, glass

Light distribution files

CREE LEDs

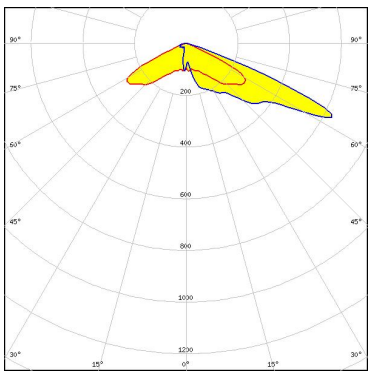
LED	XP-G4
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XP-G4 HI
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



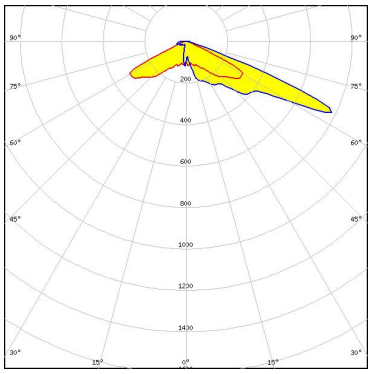
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

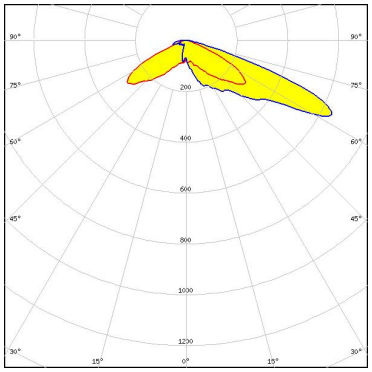
LED	XP-G4 HI
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XP-L HD
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

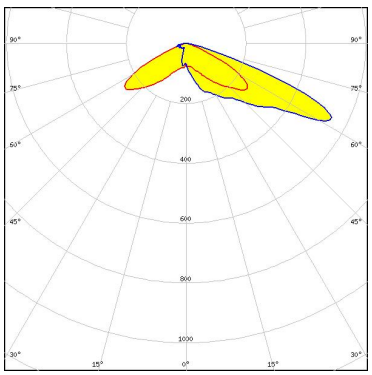


Light distribution files

CREE LEDs

LED	XP-L HD
FWHM / FWTM	Asymmetric
Efficiency	78 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

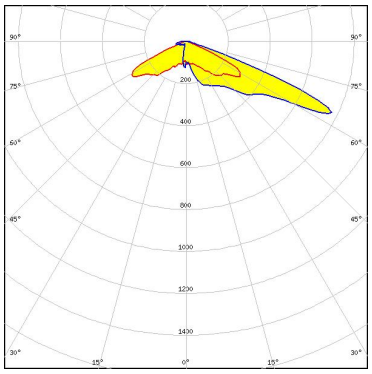


Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

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

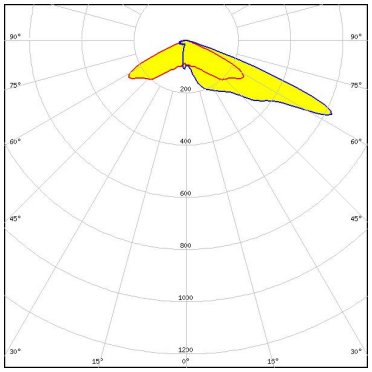


Light distribution files

CREE LEDs

LED	XP-L HI
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

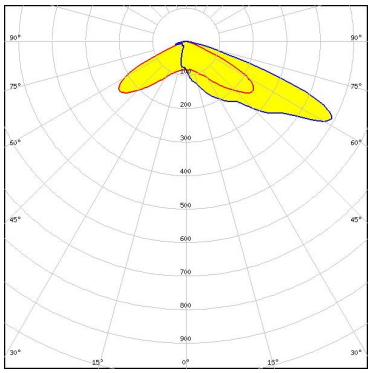


Light distribution files

CREE LEDs

LED	XP-L2
FWHM / FWTM	Asymmetric
Efficiency	75 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

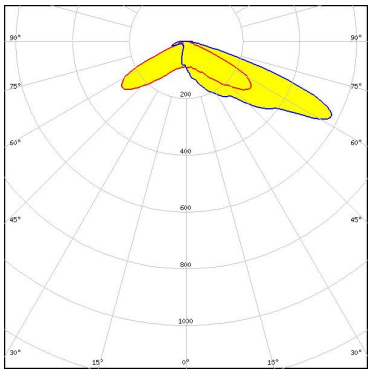


Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	XP-L2
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

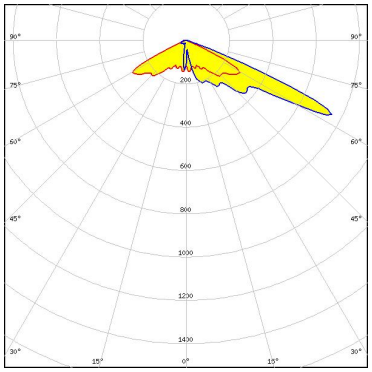


Light distribution files

CREE LEDs

LED	XP-P
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

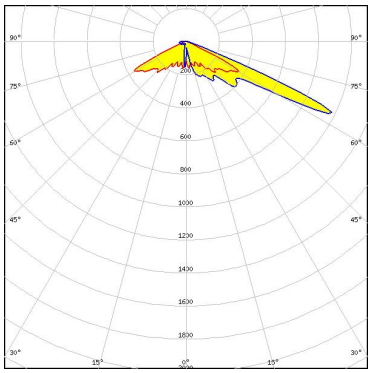
Protective plate, glass



Light distribution files

CREE LEDs

LED	XP-P
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

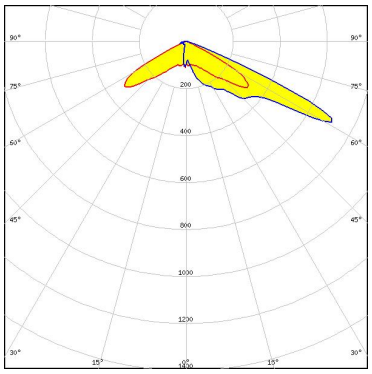


Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON 3030 2D (Round LES)
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

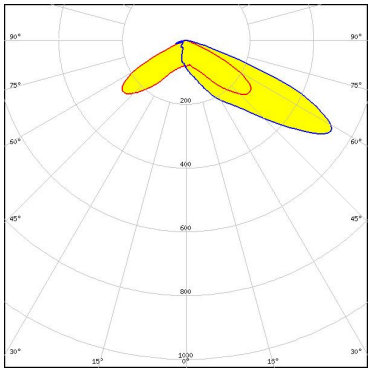


Protective plate, glass

Light distribution files

LUMILEDS

LED	LUXEON 5050 HE
FWHM / FWTM	Asymmetric
Efficiency	78 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

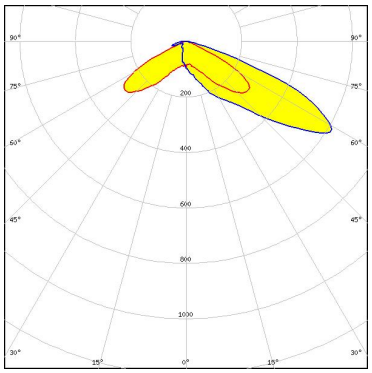


Protective plate, glass

Light distribution files

LUMILEDS

LED	LUXEON 5050 HE
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

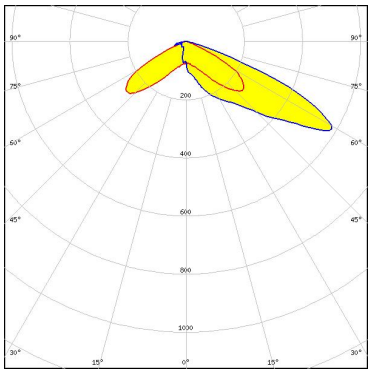


Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	81 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

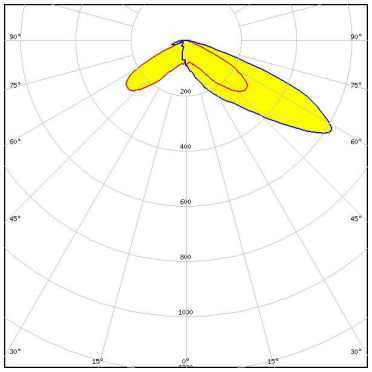


Protective plate, glass

Light distribution files

LUMILEDS

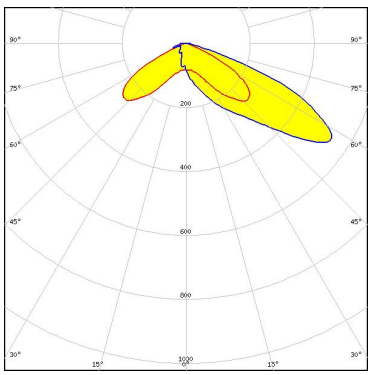
LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	83 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



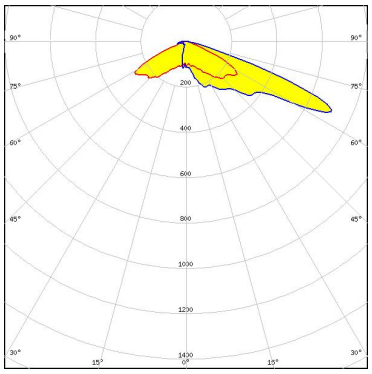
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

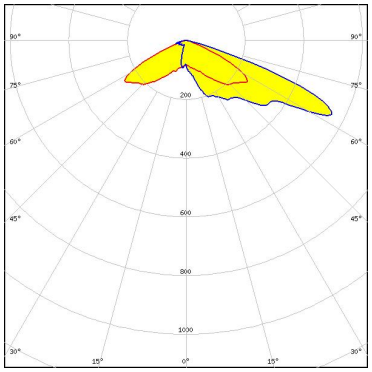
LED	LUXEON HL2X
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON HL2X-E
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

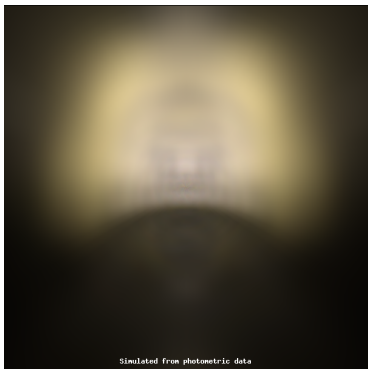


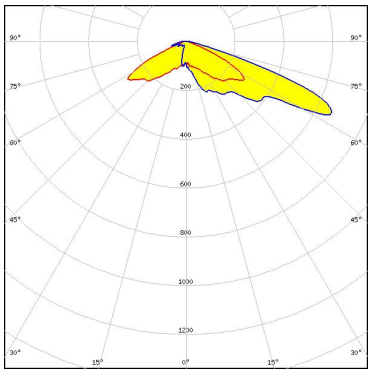
Protective plate, glass

Light distribution files

LUMILEDS

LED	LUXEON HL2X-E
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



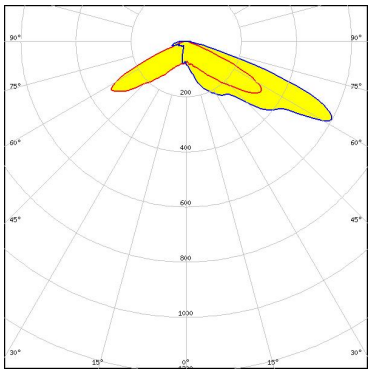


Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

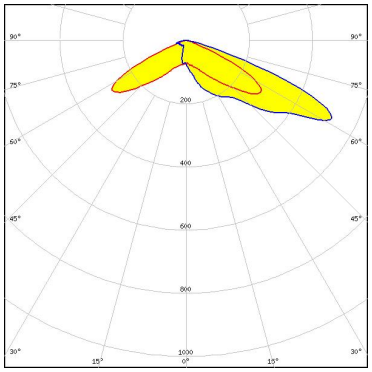
LED	LUXEON HL4X
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON HL4X
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

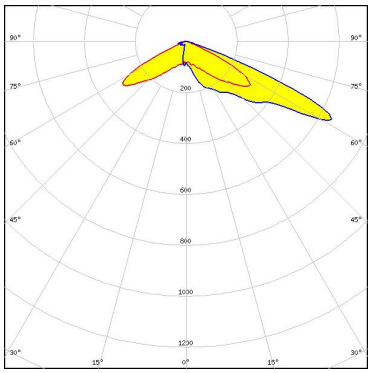


Protective plate, glass

Light distribution files

LUMILEDS

LED	LUXEON HL4Z
FWHM / FWTM	Asymmetric
Efficiency	81 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



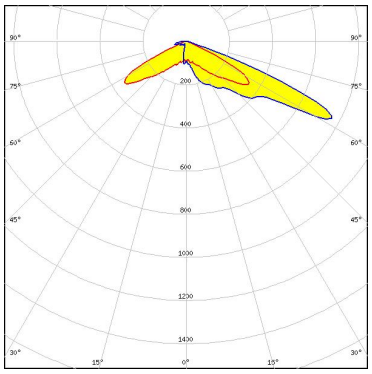
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

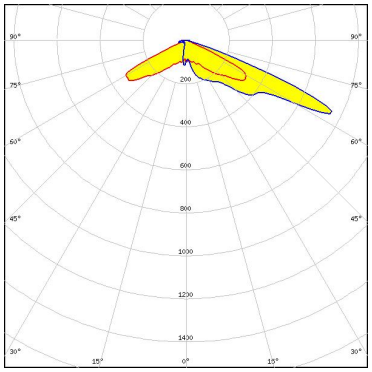
LED	LUXEON HL4Z
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

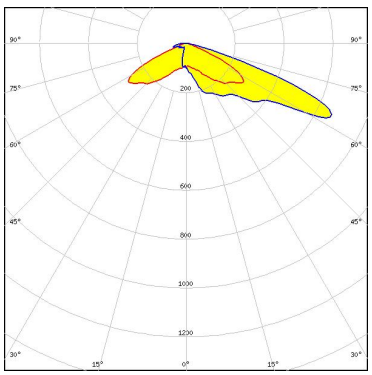
LED	LUXEON TX
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

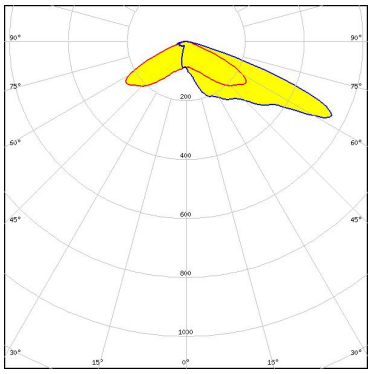


Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)
FWHM / FWTM	Asymmetric
Efficiency	78 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

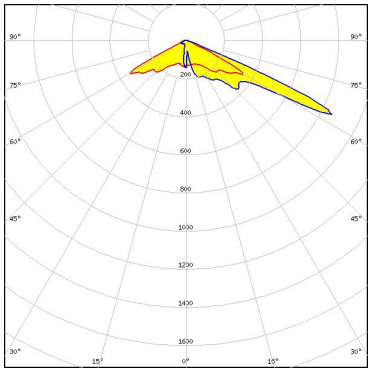


Protective plate, glass

Light distribution files

LUMINUS

LED	SFT-12R-W-A
FWHM / FWTM	Asymmetric
Efficiency	83 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

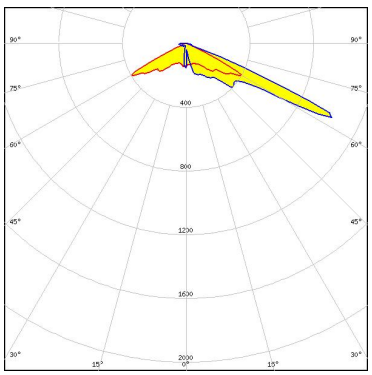


Protective plate, glass

Light distribution files

LUMINUS

LED	SFT-12R-W-A
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

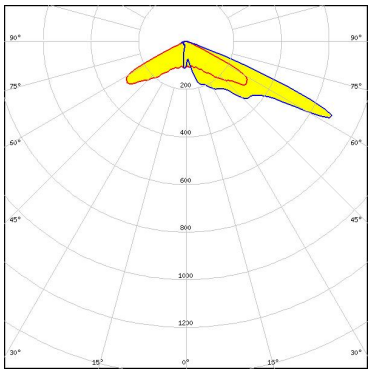


Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMINUS

LED	SST-20 Gen1
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

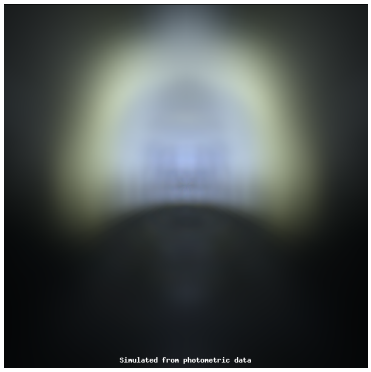


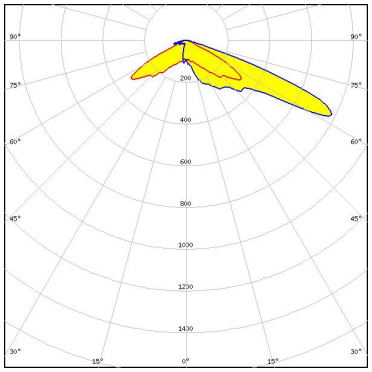
Protective plate, glass

Light distribution files

LUMINUS

LED	SST-20F-W
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

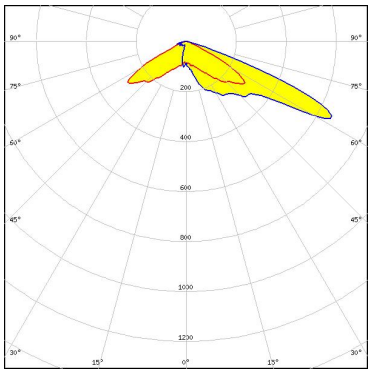




Light distribution files

LUMINUS

LED	SST-20F-W
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Protective plate, glass

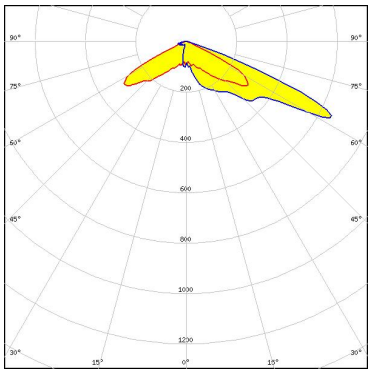
Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMINUS

LED	SST-25-W
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

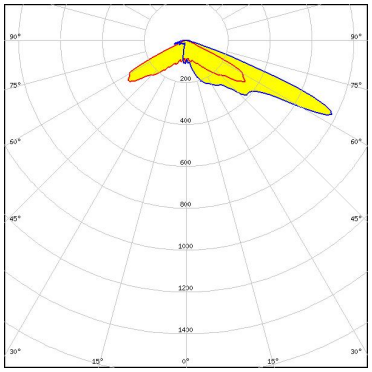
Protective plate, glass



Light distribution files

LUMINUS

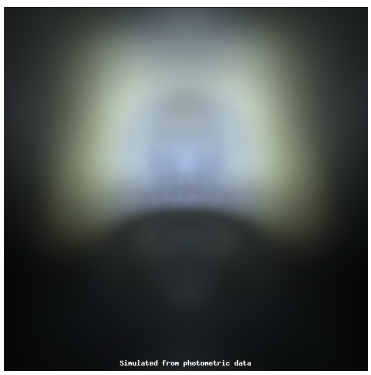
LED	SST-25-W
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

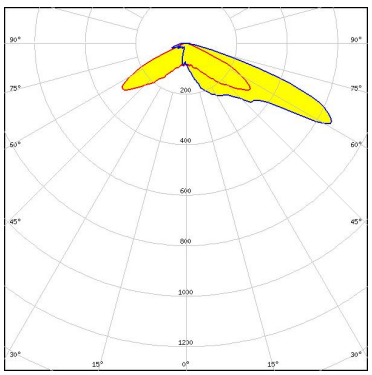


Light distribution files

LUMINUS

LED	SST-36F-W
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





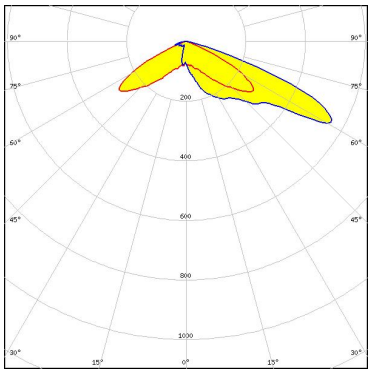
Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMINUS

LED	SST-36F-W
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

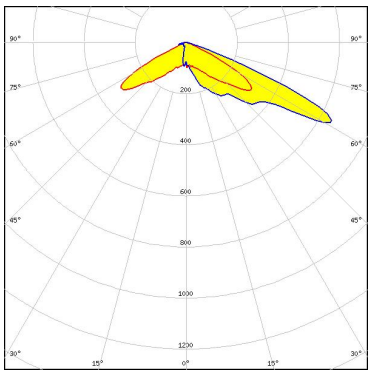


Light distribution files

NICHIA

LED	NF2x757G
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

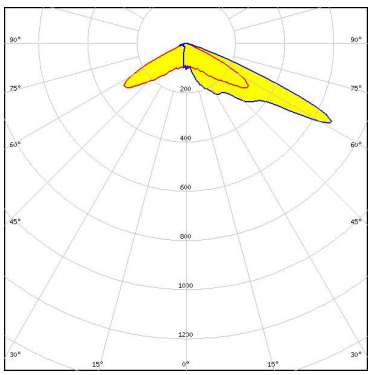


Light distribution files

NICHIA

LED	NFSx757G
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

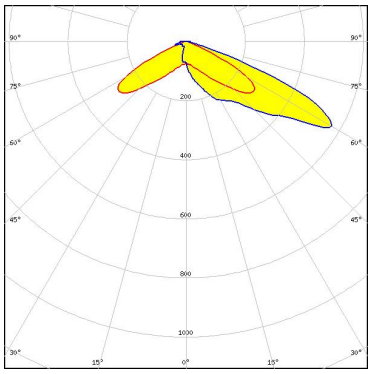


Light distribution files

OPTICAL RESULTS (SIMULATED):

NICHIA

LED	NV4WB35AM
FWHM / FWTM	Asymmetric
Efficiency	83 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

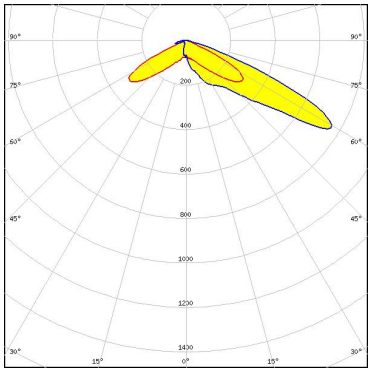


Protective plate, glass

Light distribution files

NICHIA

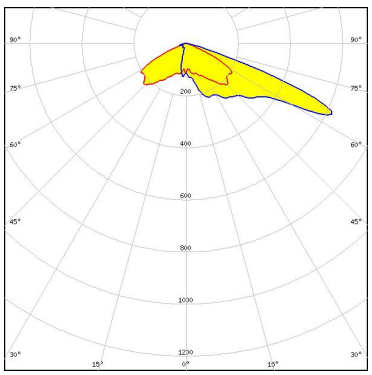
LED	NV4WB35AM
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

LED	NVSW219D
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



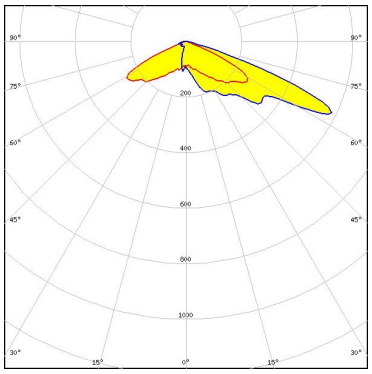
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):

NICHIA

LED	NVSW219F-V2
FWHM / FWTM	Asymmetric
Efficiency	78 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

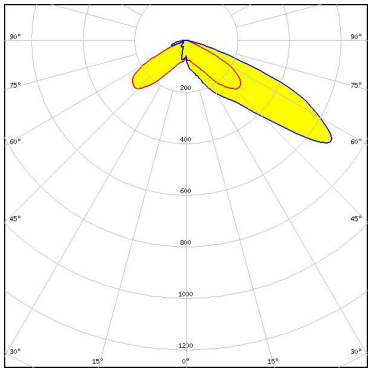


Protective plate, glass

Light distribution files

OSRAM
Opto Semiconductors

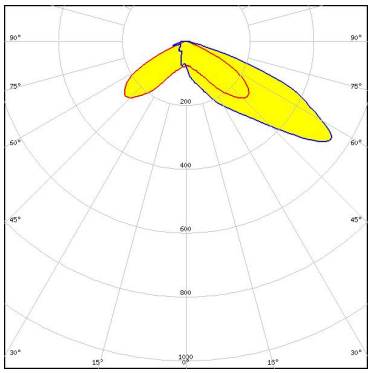
LED	Duris S8
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	Duris S8
FWHM / FWTM	Asymmetric
Efficiency	84 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



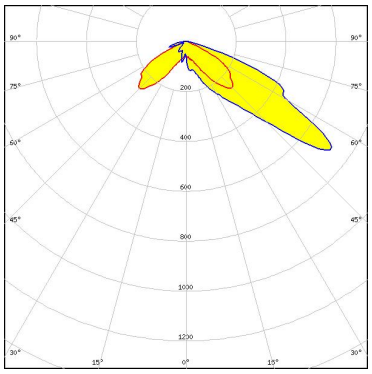
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

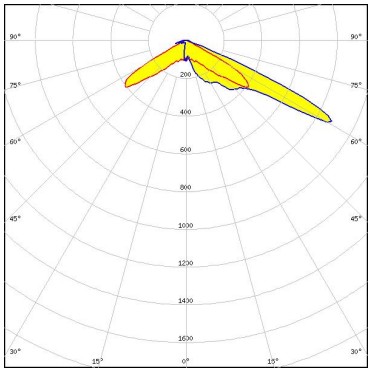
LED	OSCONIQ C 2424 Gen1
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSCONIQ C 2424 Gen2
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

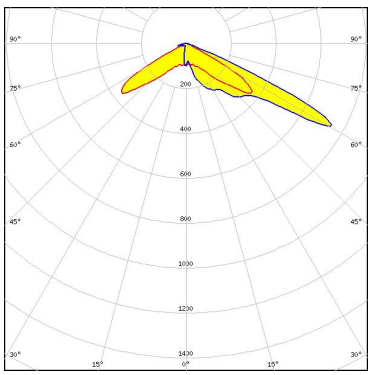


Light distribution files

OSRAM
Opto Semiconductors

LED	OSCONIQ C 2424 Gen2
FWHM / FWTM	Asymmetric
Efficiency	81 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

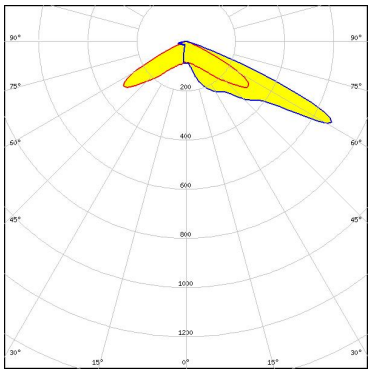


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSCONIQ C 3030
FWHM / FWTM	Asymmetric
Efficiency	81 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

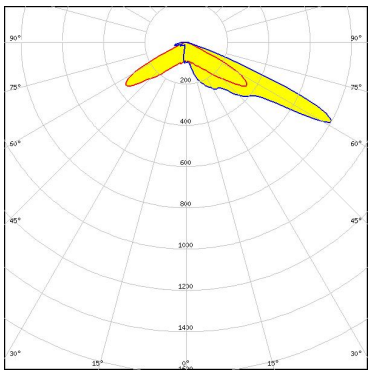


Protective plate, glass

Light distribution files

OSRAM
Opto Semiconductors

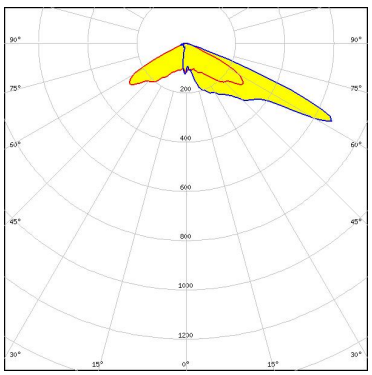
LED	OSCONIQ C 3030
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (2W) PUSRA1
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



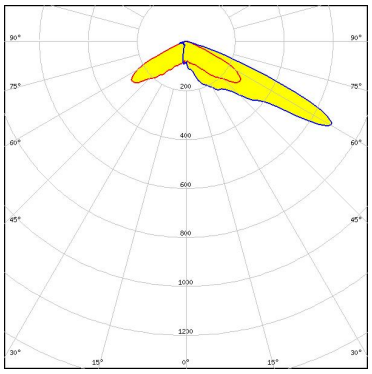
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (3W) PUSTA1
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

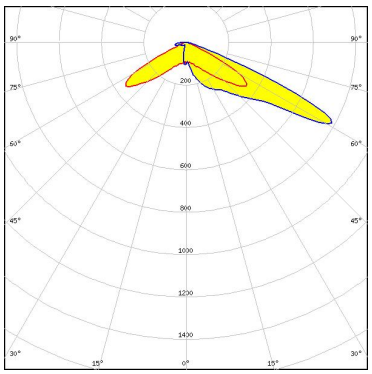


Protective plate, glass

Light distribution files

OSRAM
Opto Semiconductors

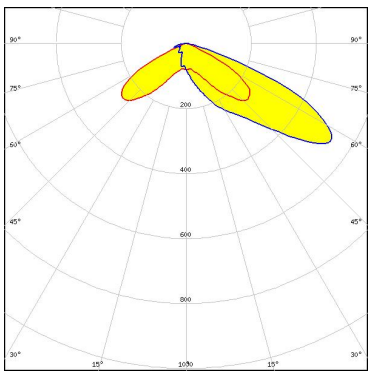
LED	OSCONIQ P 3737 Flat
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSCONIQ S 5050 (Q9LR32)
FWHM / FWTM	Asymmetric
Efficiency	81 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



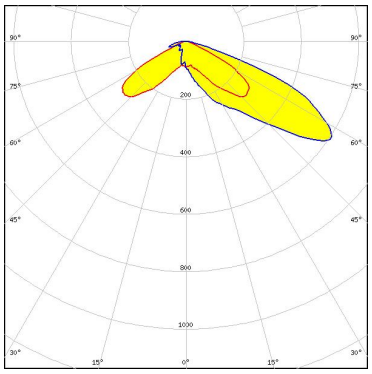
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

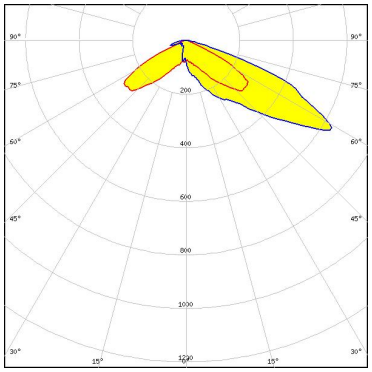
LED	OSCONIQ S 5050 (Q9LR32)
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSCONIQ S 5050 (Q9LR35)
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

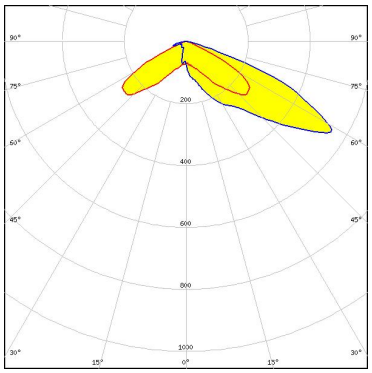


Light distribution files

OSRAM
Opto Semiconductors

LED	OSCONIQ S 5050 (Q9LR35)
FWHM / FWTM	Asymmetric
Efficiency	81 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

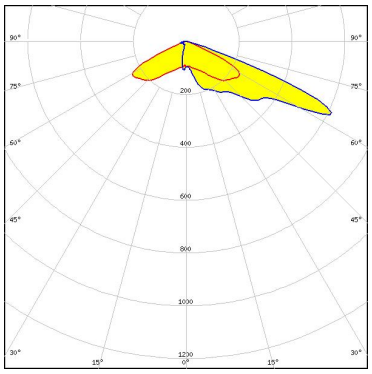


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

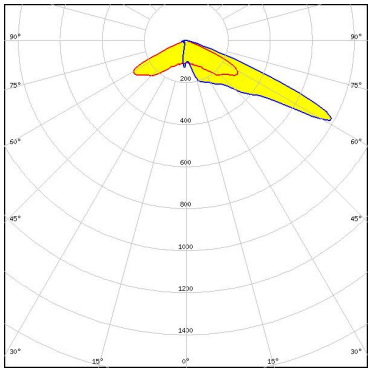


Protective plate, glass

Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	85 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

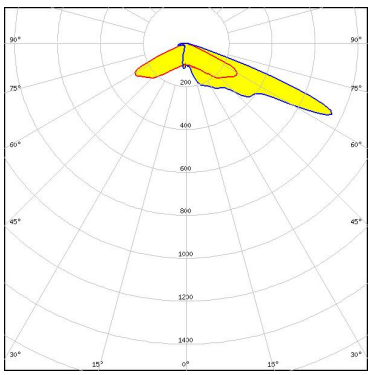


Protective plate, glass

Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

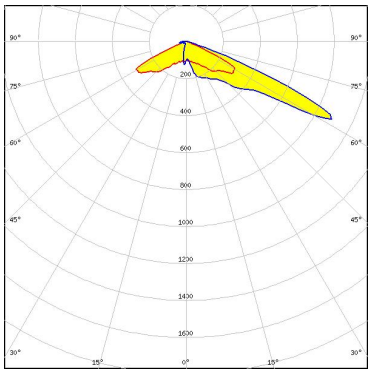


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

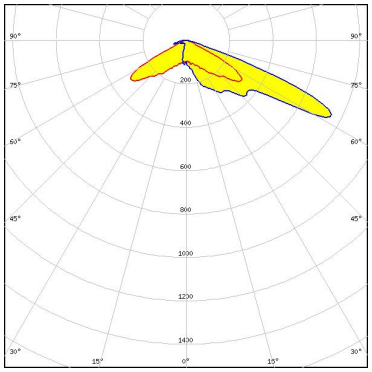
LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

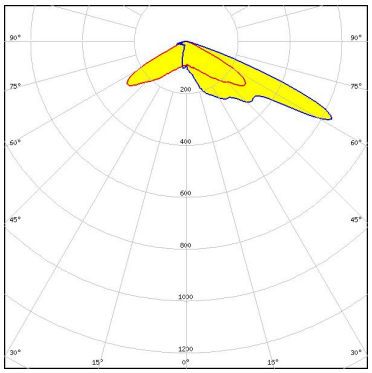
LED	OSLON SQUARE Essential GW CPSRM1.PM
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON SQUARE Essential GW CPSRM1.PM
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



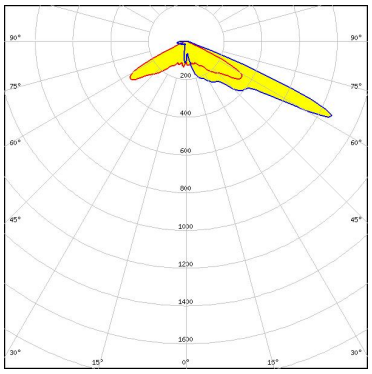
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

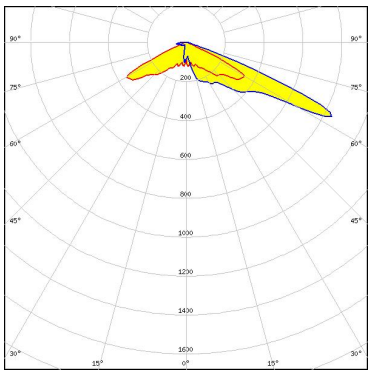
LED	OSLON Square Flat
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

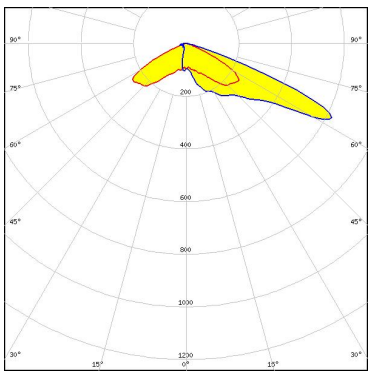
LED	OSTAR Projection Compact (KW.CSLNM1.TG)
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LH351B
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Protective plate, glass

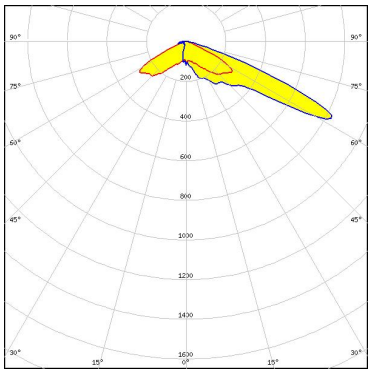
Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LH351C
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

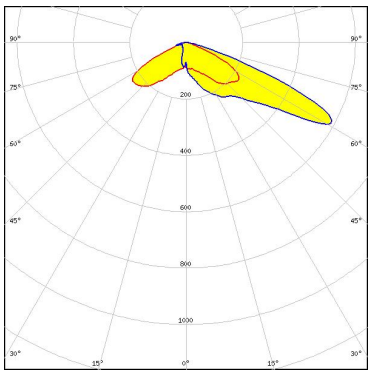


Light distribution files

SAMSUNG

LED	LH351D
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

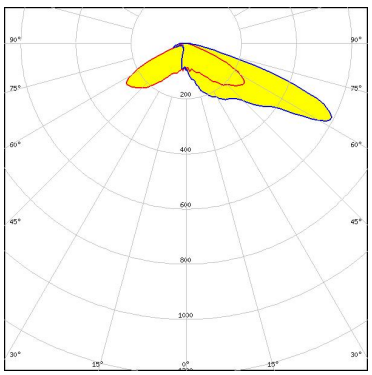
Protective plate, glass



Light distribution files

SAMSUNG

LED	LH351D
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

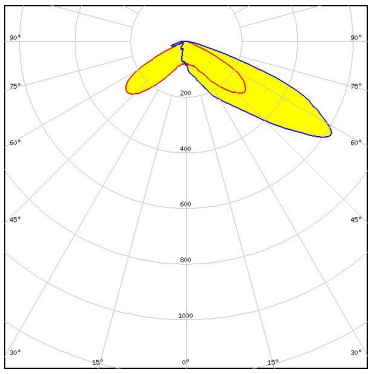


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

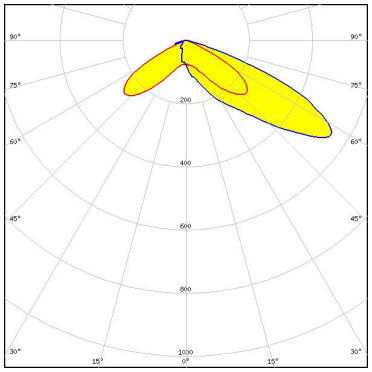
LED	LH502C
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LH502C
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

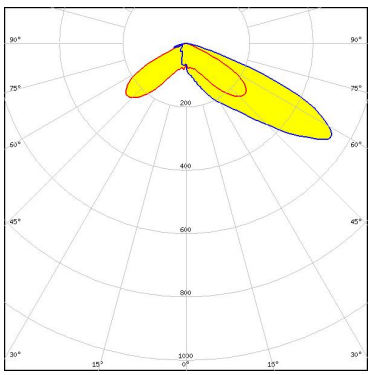


Protective plate, glass

Light distribution files

SEOUL SEMICONDUCTOR

LED	MJT 5050
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



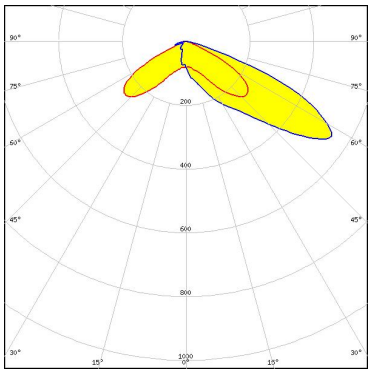
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

LED	SEOUL DC 5050 6V
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

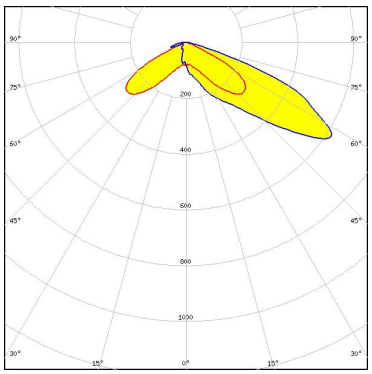


Protective plate, glass

Light distribution files

SEOUL SEMICONDUCTOR

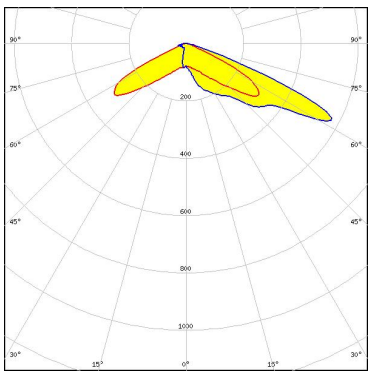
LED	SEOUL DC 5050 6V
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

LED	Z5M3
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Protective plate, glass

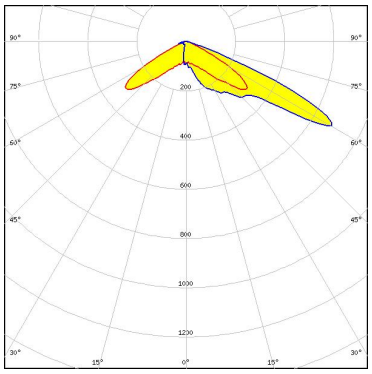
Light distribution files

OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

LED	Z5M4
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

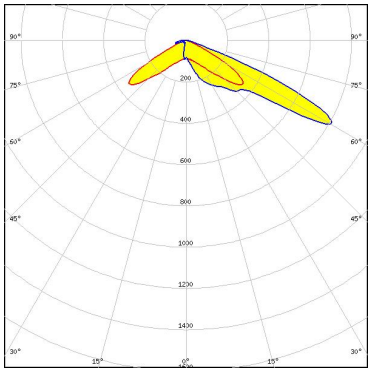
Protective plate, glass



Light distribution files

SEOUL SEMICONDUCTOR

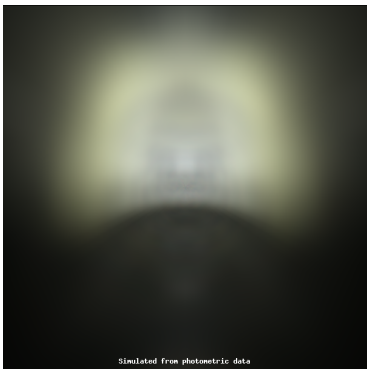
LED	Z5M4
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

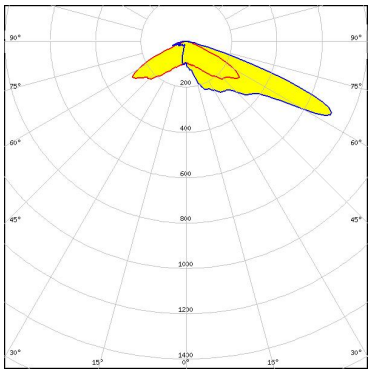


Light distribution files

SEOUL SEMICONDUCTOR

LED	Z5M4-E1
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





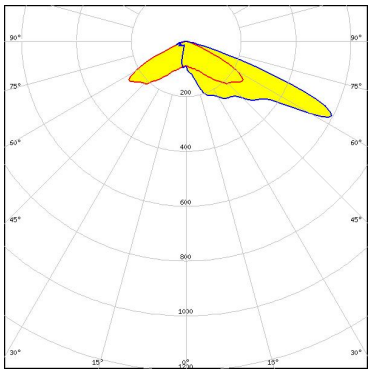
Light distribution files

OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

LED	Z5M4-E1
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

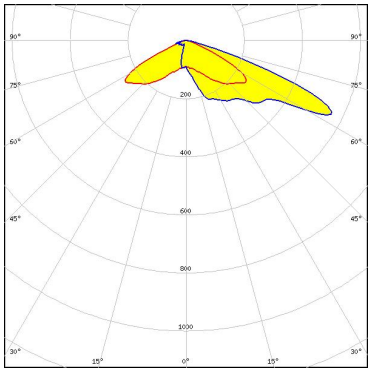


Light distribution files

SEOUL SEMICONDUCTOR

LED	Z5M4-E2
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

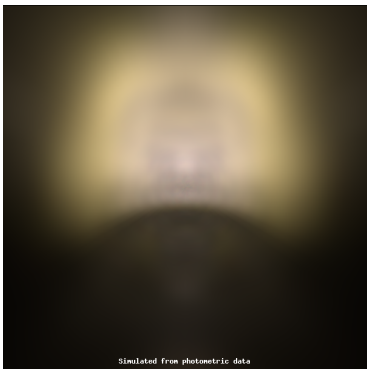
Protective plate, glass

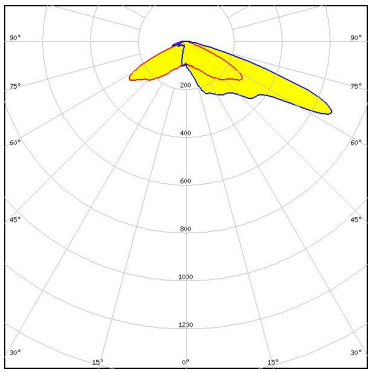


Light distribution files

SEOUL SEMICONDUCTOR

LED	Z5M4-E2
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



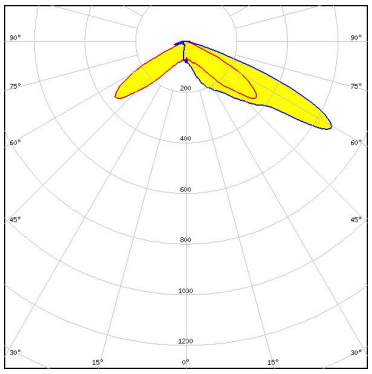


Light distribution files

OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

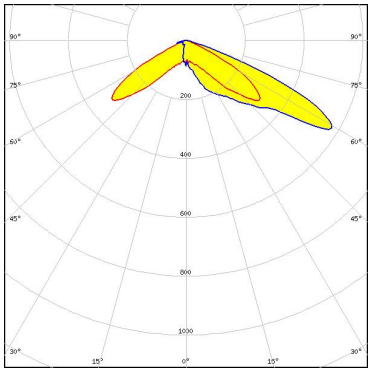
LED	Z5M5
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

LED	Z5M5
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

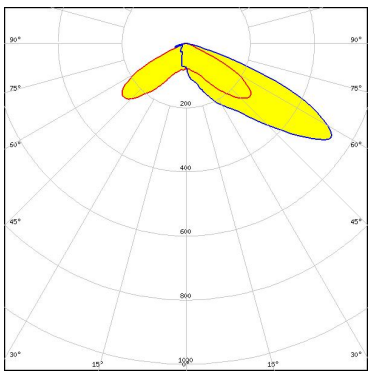


Protective plate, glass

Light distribution files

TRIDONIC

LED	RLE 2x8 6000lm HP HE EXC3 OTD
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Protective plate, glass

Light distribution files

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:

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