

STRADA-2X2-ME-WIDE1

Beam with excellent longitudinal luminance uniformity fulfilling EN13201 M-class requirements where road width is equal to or less than the pole height. Added house-side backlight.

SPECIFICATION:

Dimensions	50.0 x 50.0
Height	8.9 mm
Fastening	glue, pin, screw
ROHS compliant	yes ⓘ

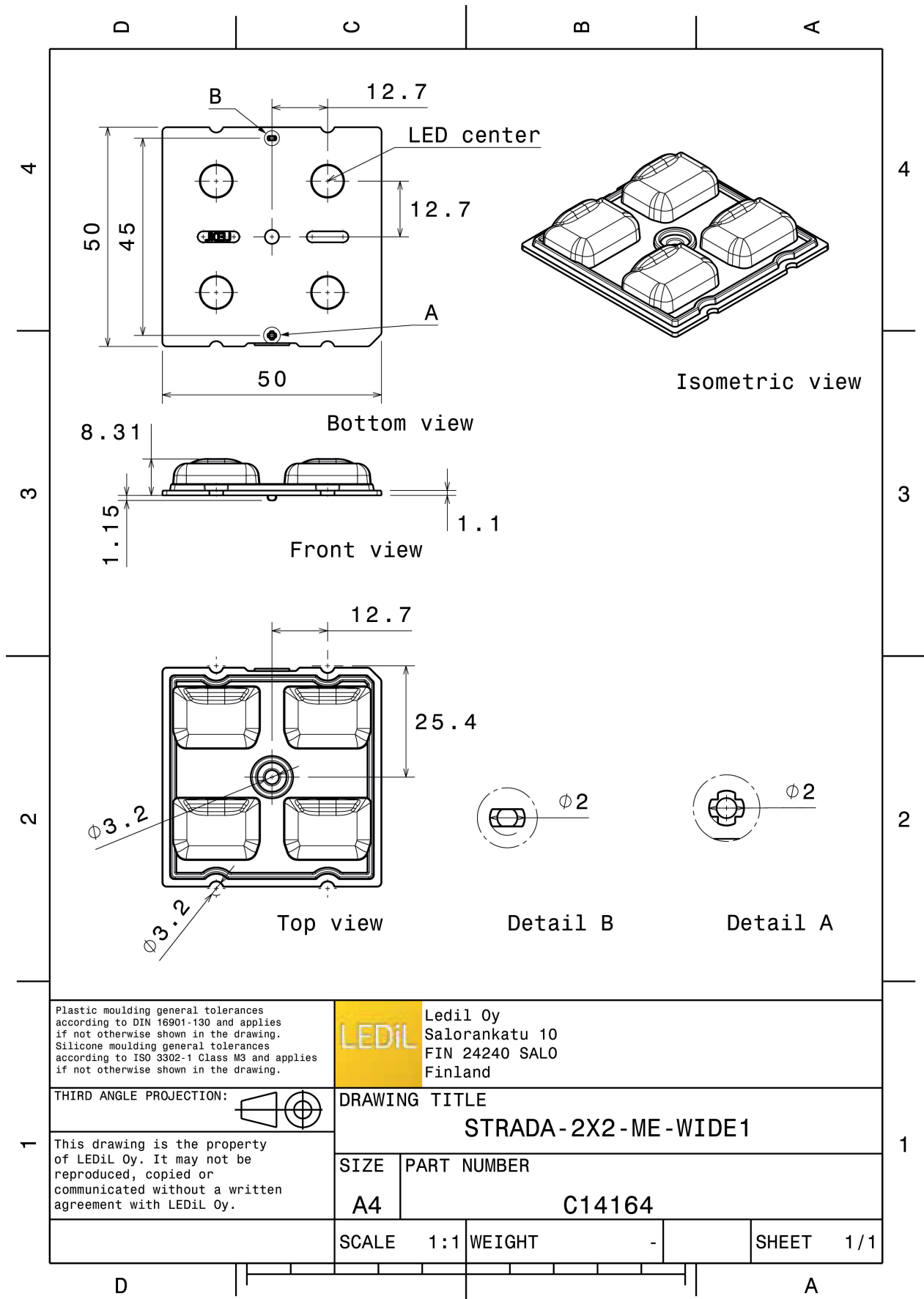


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
STRADA-2X2-ME-WIDE1	Multi-lens	PMMA	clear		
» Box size: 480 x 280 x 300 mm					

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
C14164_STRADA-2X2-ME-WIDE1	Multi-lens	800	160	160	8.6

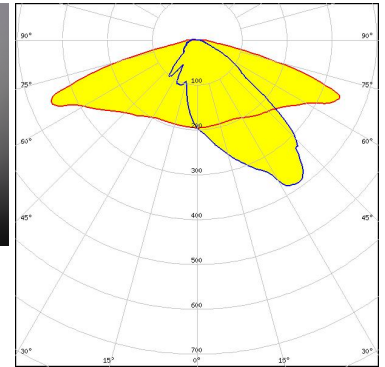
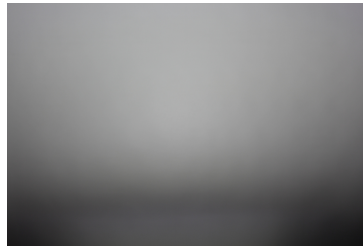


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



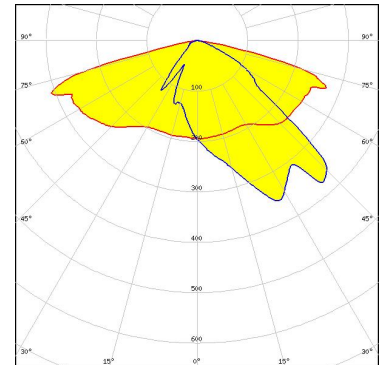
LED XD16
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.7 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:



Light distribution files



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

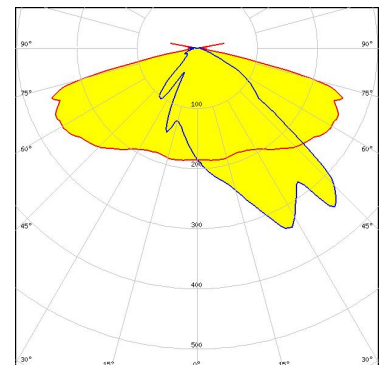


Protective plate, glass

Light distribution files



LED XP-G2
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



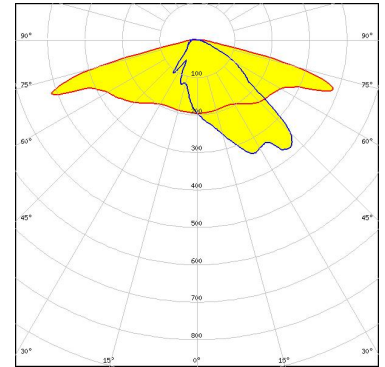
Protective plate, glass

Light distribution files

OPTICAL RESULTS (MEASURED):



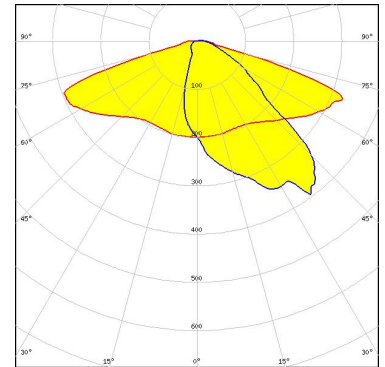
LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



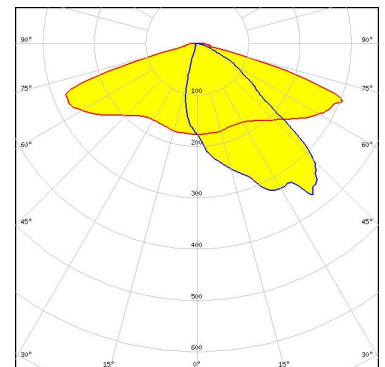
LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C17580_STRADA-2X2-SHD-WHT



Light distribution files



LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 78 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C17677_STRADA-2X2-SHD-BLK



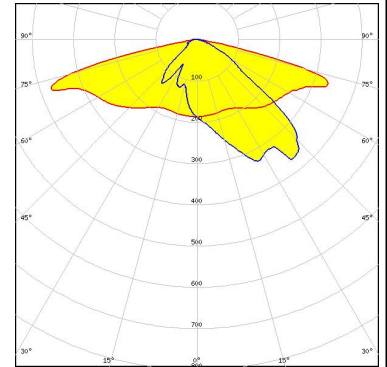
Light distribution files

OPTICAL RESULTS (MEASURED):



LED XP-L HD
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

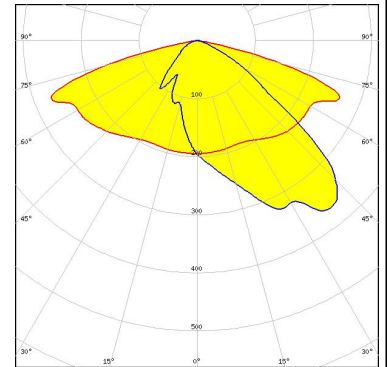
Protective plate, glass



Light distribution files



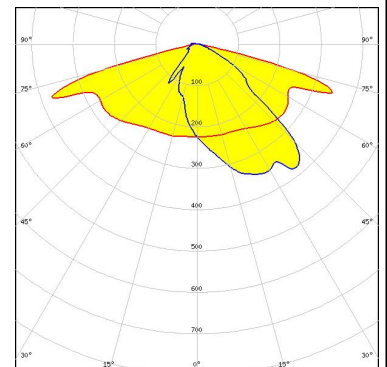
LED XP-L2
 FWHM / FWTM Asymmetric
 Efficiency 85 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED EHP-2x8-3535
 FWHM / FWTM Asymmetric
 Efficiency 97 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

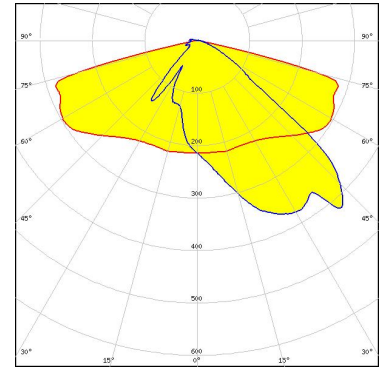


Light distribution files

OPTICAL RESULTS (MEASURED):

inventronics

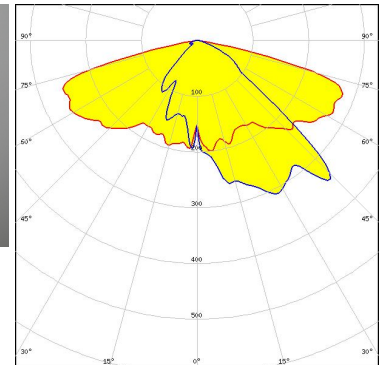
LED	PL-BRICK HP 3800 2x8 SSG
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

inventronics

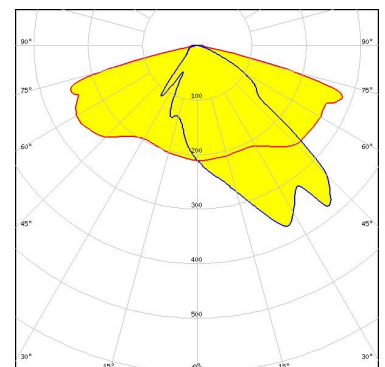
LED	PrevaLED Brick HP 2x8
FWHM / FWTM	Asymmetric
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON TX
FWHM / FWTM	Asymmetric
Efficiency	84 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



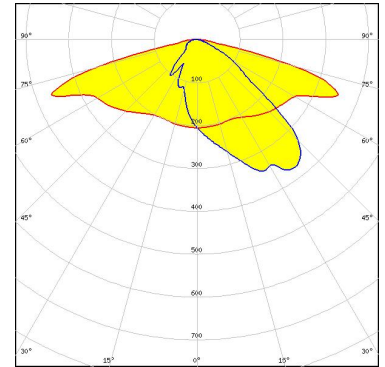
Protective plate, glass

Light distribution files

OPTICAL RESULTS (MEASURED):



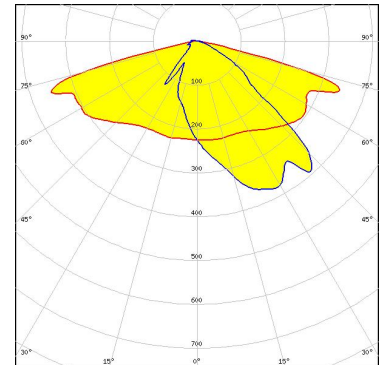
LED LUXEON V
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



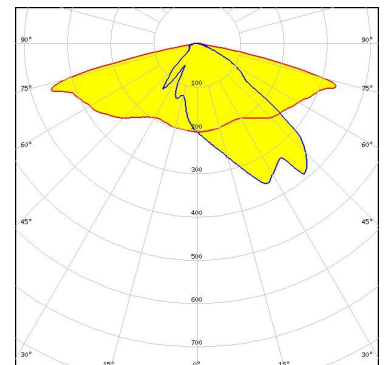
LED RecLED 122x50mm 1900lm 730 2x4 Opt G1
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NVSW219F-V2
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

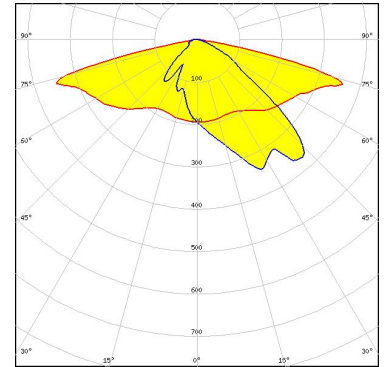


Light distribution files

OPTICAL RESULTS (MEASURED):



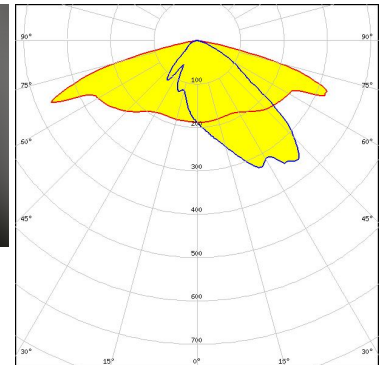
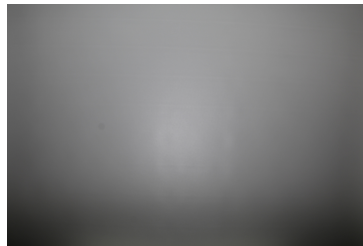
LED NVSW319B
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSW3x9A
 FWHM / FWTM Asymmetric
 Efficiency 86 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

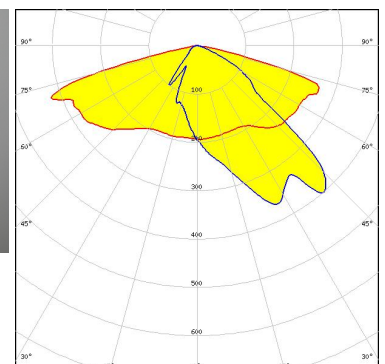
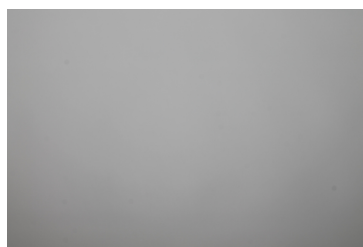


Protective plate, glass

Light distribution files



LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM Asymmetric
 Efficiency 86 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Protective plate, glass

Light distribution files

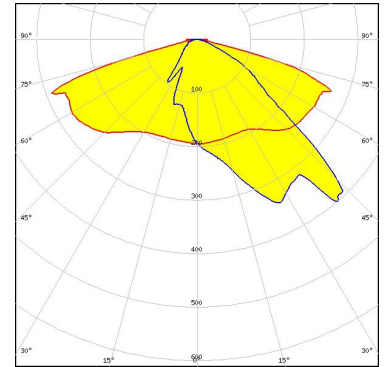
OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED OSLON Square PC
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

Light distribution files

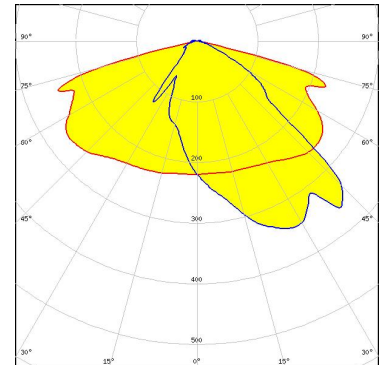


PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

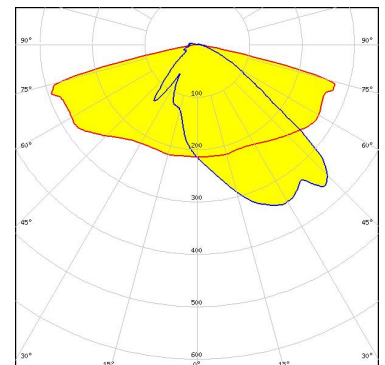
Light distribution files



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4+
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

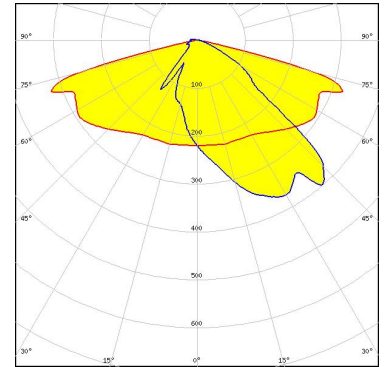
Light distribution files



OPTICAL RESULTS (MEASURED):

PHILIPS

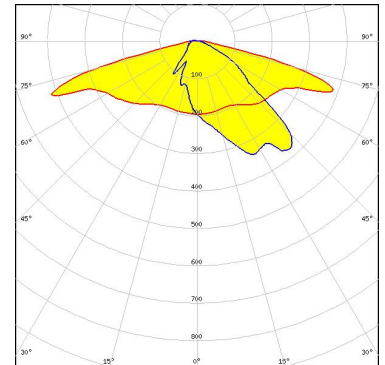
LED	Fortimo FastFlex LED 2x8 DA G5
FWHM / FWTM	Asymmetric
Efficiency	97 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

PHILIPS

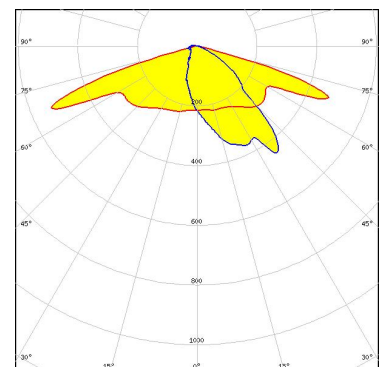
LED	Fortimo FastFlex LED 2x8 DAX G4
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	HiLOM RC12 Z (LH181B)
FWHM / FWTM	Asymmetric
Efficiency	98 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

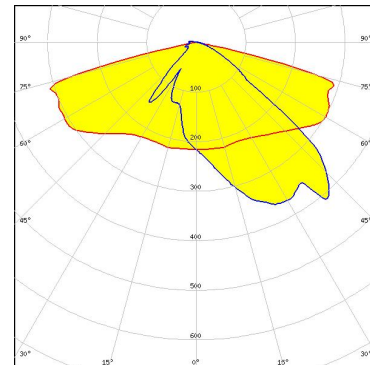


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

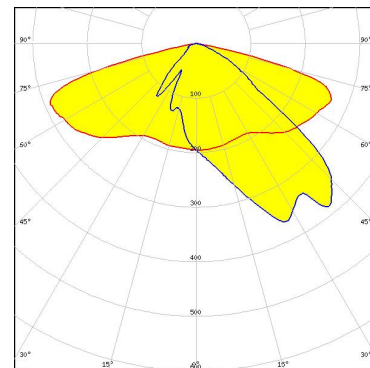
LED HiLOM RH16 (LH351C)
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

LED LH351B
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

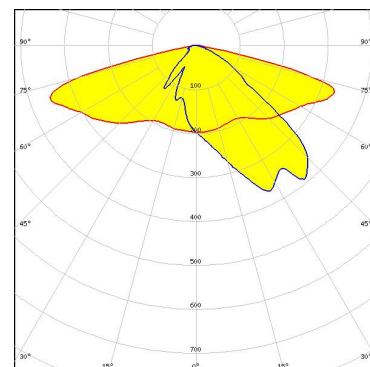


Light distribution files

Protective plate, glass

SAMSUNG

LED LH351B
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

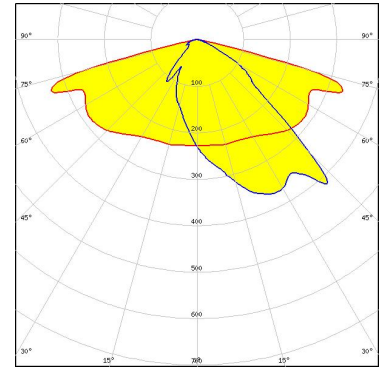


Light distribution files

OPTICAL RESULTS (MEASURED):



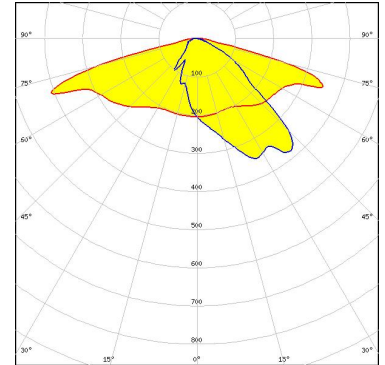
LED LED-Pa-L15c2W11c2-xxx-C050-01
 FWHM / FWTM Asymmetric
 Efficiency 98 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



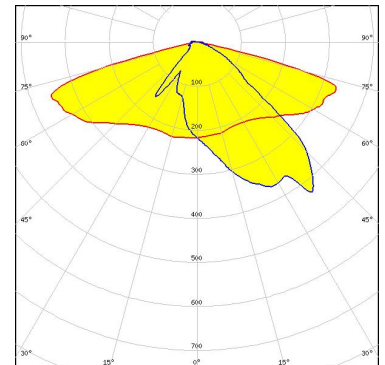
LED Z5M3
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Z5M4
 FWHM / FWTM Asymmetric
 Efficiency 98 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

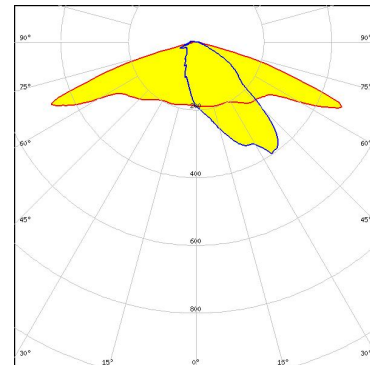


Light distribution files

OPTICAL RESULTS (MEASURED):



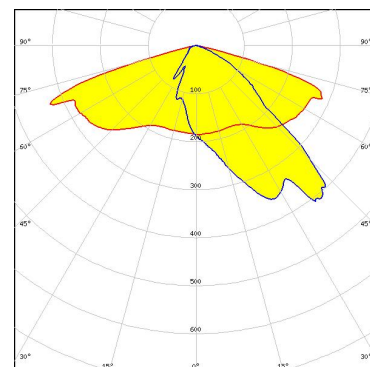
LED Z8Y22
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED TL1L4
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Protective plate, glass

Light distribution files



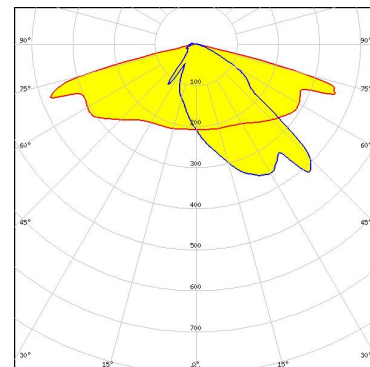
LED RLE 2x4 2000lm HP EXC2 OTD
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files

OPTICAL RESULTS (MEASURED):

TRIDONIC

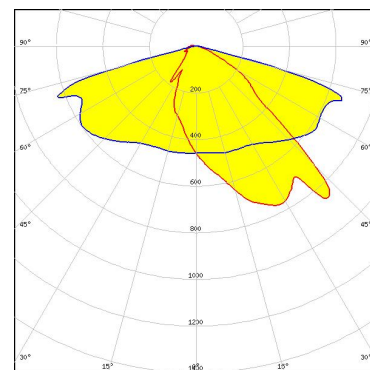
LED RLE 2x8 4000lm HP EXC2 OTD
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

TRIDONIC

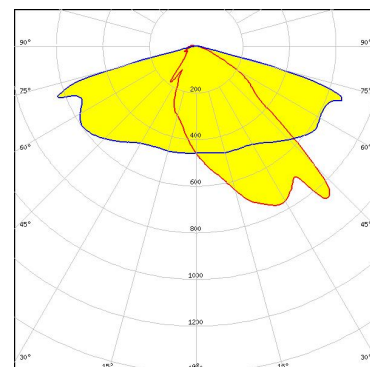
LED RLE G1 49x121mm 2000lm xxx EXC OTD
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

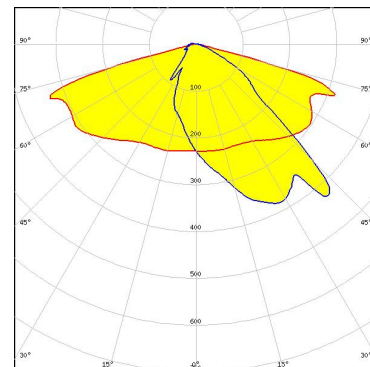


Light distribution files

OPTICAL RESULTS (MEASURED):

TRIDONIC

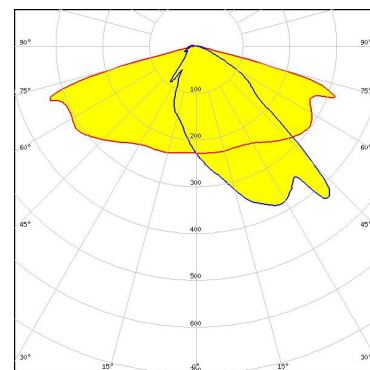
LED RLE G1 49x223mm 4000lm xxx EXC OTD
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

TRIDONIC

LED RLE G1 49x245mm 4000lm xxx EXC OTD
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



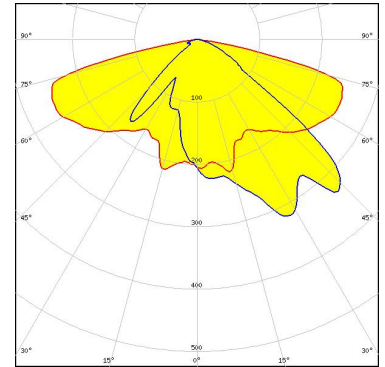
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED Bridgelux SMD 3535 (3B1)
 FWHM / FWTM Asymmetric
 Efficiency 82 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

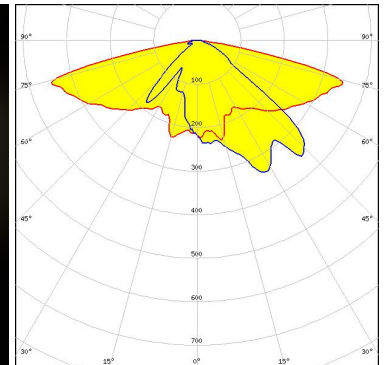
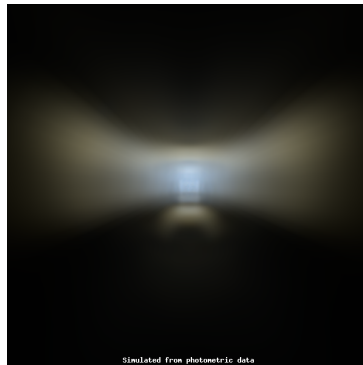
Protective plate, glass



Light distribution files



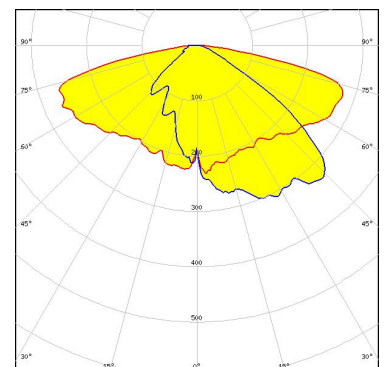
LED Bridgelux SMD 3535 (3B1)
 FWHM / FWTM Asymmetric
 Efficiency 96 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XHP35 HD
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

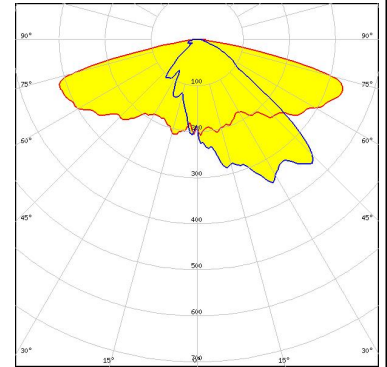


Light distribution files

OPTICAL RESULTS (SIMULATED):



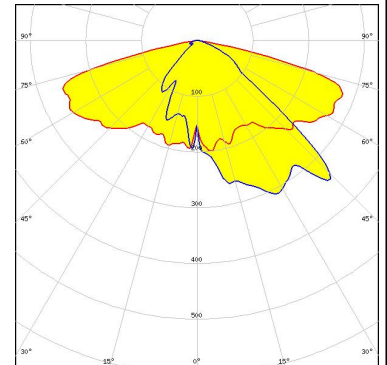
LED XHP35 HI
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.8 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-G2
 FWHM / FWTM Asymmetric
 Efficiency 80 %
 Peak intensity 0.6 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:

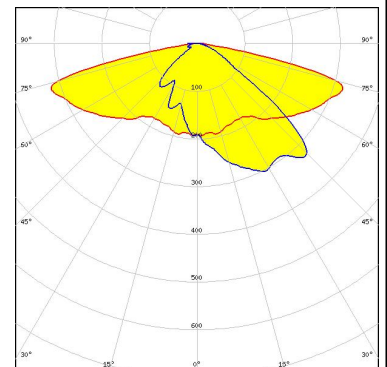


Light distribution files

Protective plate, glass



LED XP-G2 HE
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 0.7 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



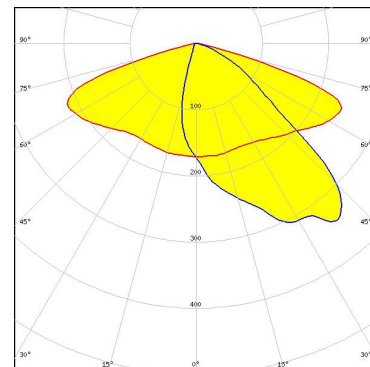
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 68 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C17677_STRADA-2X2-SHD-BLK

Protective plate, glass

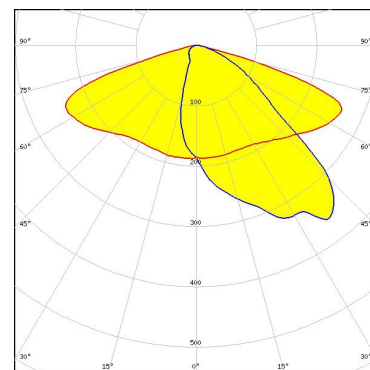


Light distribution files



LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C17580_STRADA-2X2-SHD-WHT

Protective plate, glass

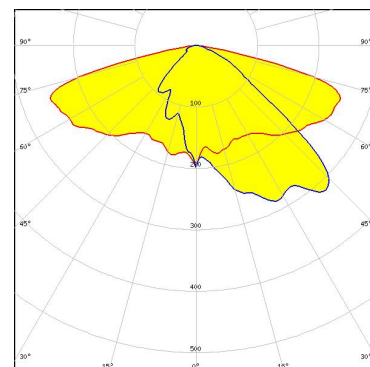


Light distribution files



LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 78 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass



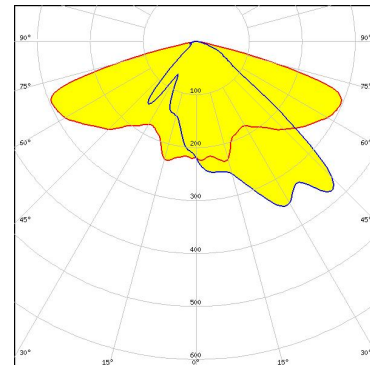
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED XP-G4
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

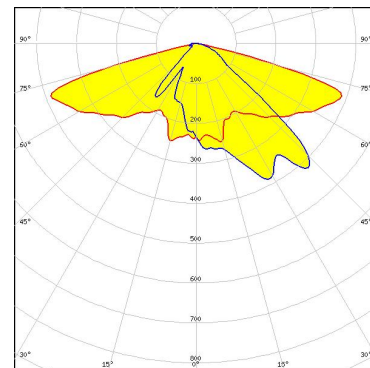
Protective plate, glass



Light distribution files



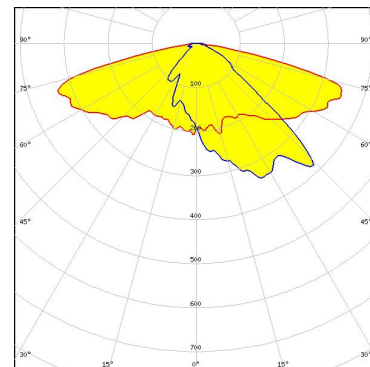
LED XP-G4
 FWHM / FWTM Asymmetric
 Efficiency 97 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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



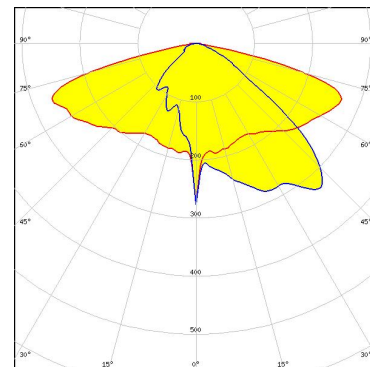
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED XP-L2
 FWHM / FWTM Asymmetric
 Efficiency 80 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

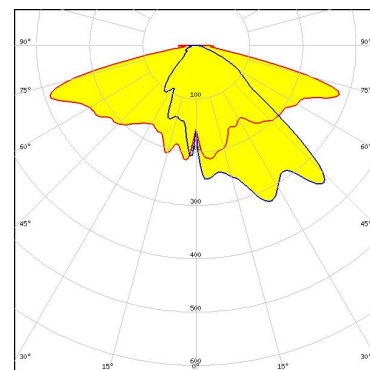


Light distribution files



LED XT-E
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 LEDs/each optic 1
 Light colour/type White
 Required components:

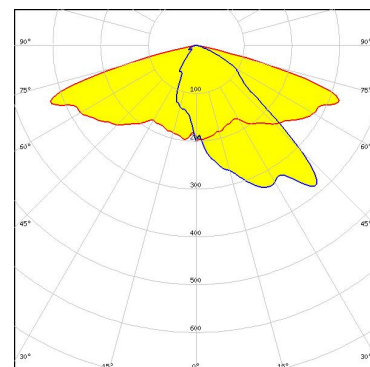
Protective plate, glass



Light distribution files



LED LUXEON 3030 2D (Round LES)
 FWHM / FWTM Asymmetric
 Efficiency 82 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



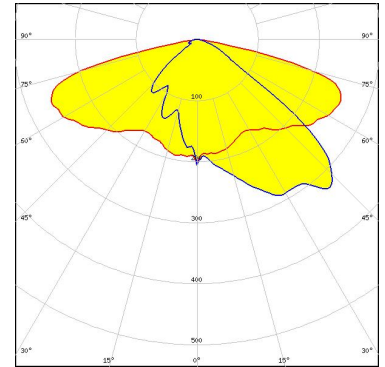
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED LUXEON HL2X
FWHM / FWTM Asymmetric
Efficiency 81 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

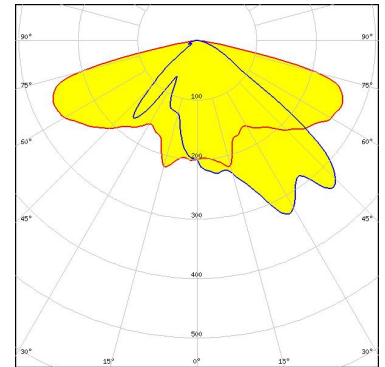


Light distribution files



LED LUXEON HL2X-V
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

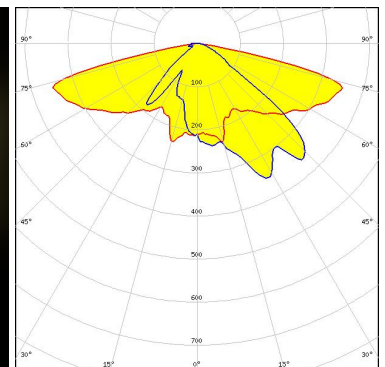
Protective plate, glass



Light distribution files



LED LUXEON HL2X-V
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

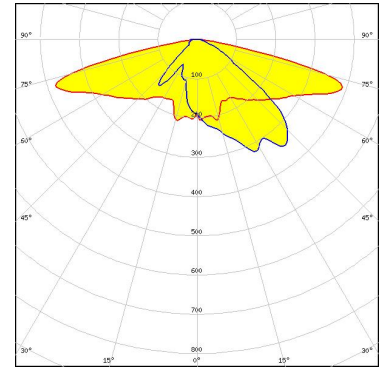


Light distribution files

OPTICAL RESULTS (SIMULATED):



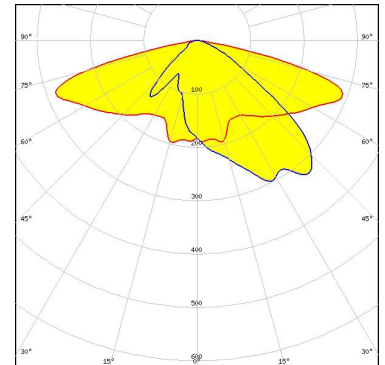
LED LUXEON HL4X
 FWHM / FWTM Asymmetric
 Efficiency 96 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON HL4X
 FWHM / FWTM Asymmetric
 Efficiency 81 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Protective plate, glass

Light distribution files



LED LUXEON T
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 LEDs/each optic 1
 Light colour/type White
 Required components:

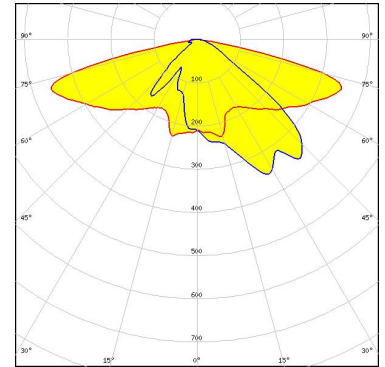
Protective plate, glass

Light distribution files

OPTICAL RESULTS (SIMULATED):



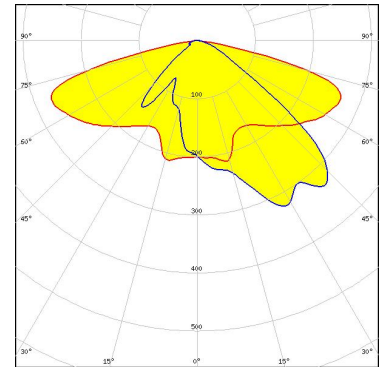
LED	LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)
FWHM / FWTM	Asymmetric
Efficiency	82 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

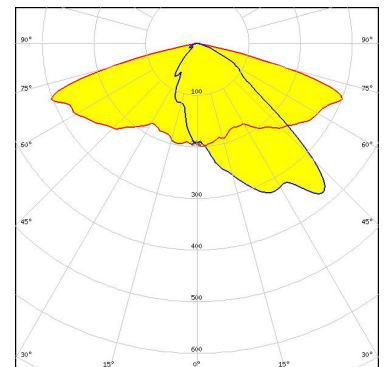


Light distribution files

Protective plate, glass



LED	NF2x757G
FWHM / FWTM	Asymmetric
Efficiency	82 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



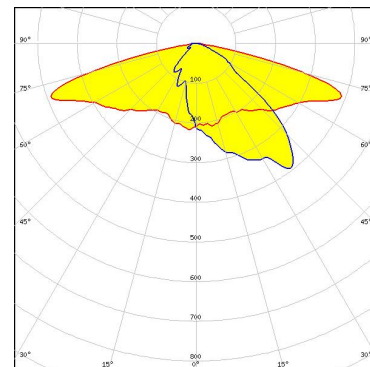
Light distribution files

Protective plate, glass

OPTICAL RESULTS (SIMULATED):



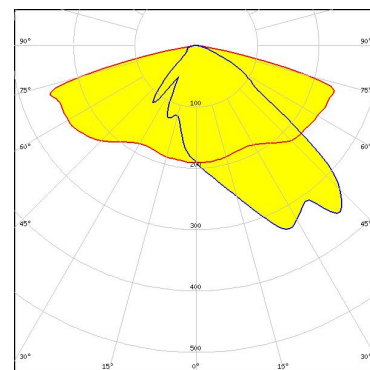
LED NV4WB35AM
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSW219F-V2
 FWHM / FWTM Asymmetric
 Efficiency 82 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

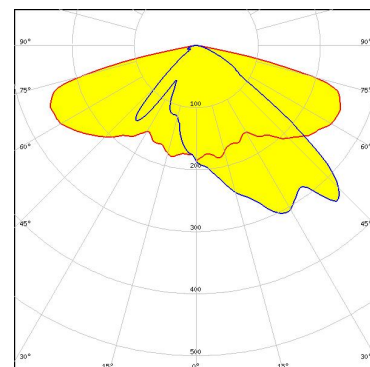


Light distribution files

Protective plate, glass



LED NVSW219GL
 FWHM / FWTM Asymmetric
 Efficiency 80 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



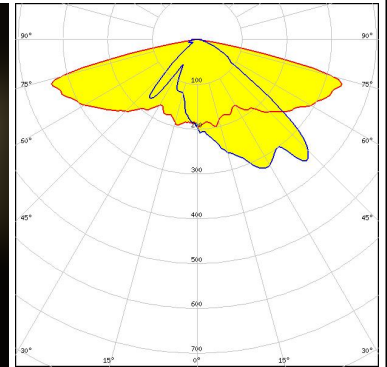
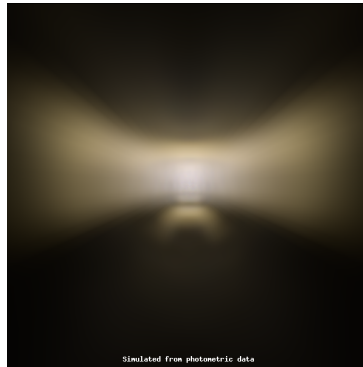
Light distribution files

Protective plate, glass

OPTICAL RESULTS (SIMULATED):



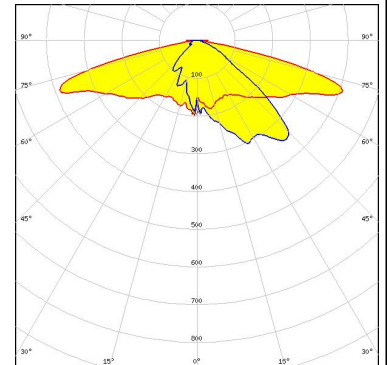
LED NVSW219GL
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



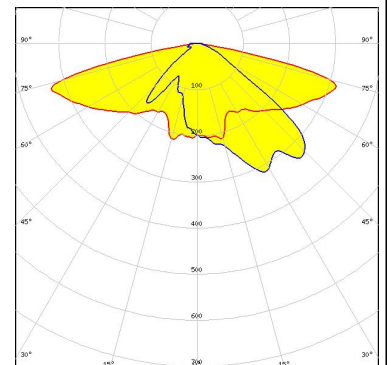
LED NVSW3x9A
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSW519A
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



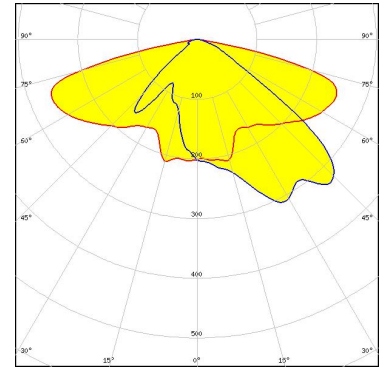
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED NVSW519A
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

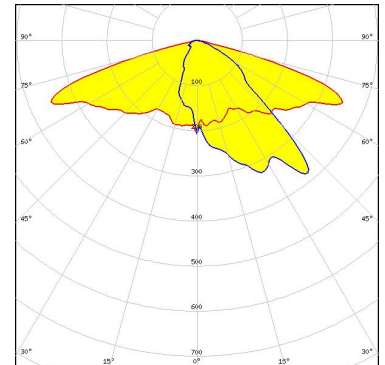


Light distribution files



LED NVSxE21A
 FWHM / FWTM Asymmetric
 Efficiency 81 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

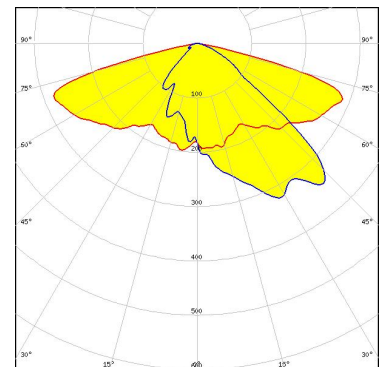


Light distribution files



LED NVSxx19B/NVSxx19C
 FWHM / FWTM Asymmetric
 Efficiency 82 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass

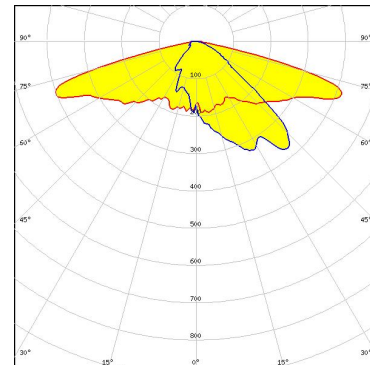


Light distribution files

OPTICAL RESULTS (SIMULATED):



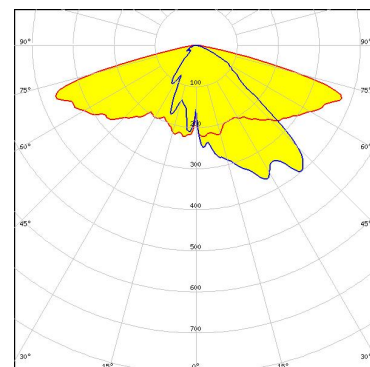
LED NVSxx19B/NVSxx19C
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



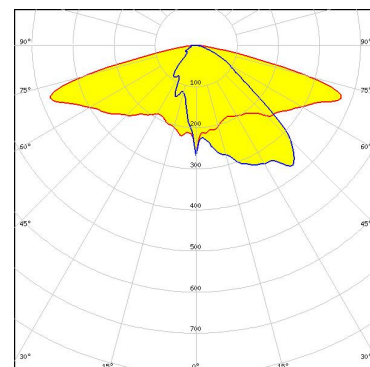
LED OSCONIQ P 3737 (2W) PUSRA1
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED OSCONIQ P 3737 (3W) PUSTA1
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



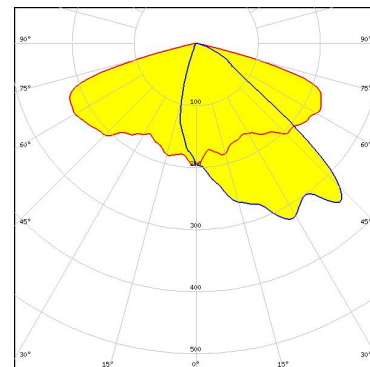
Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 69 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C17677_STRADA-2X2-SHD-BLK

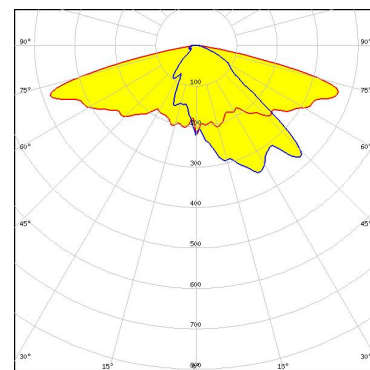
Protective plate, glass



Light distribution files

OSRAM
Opto Semiconductors

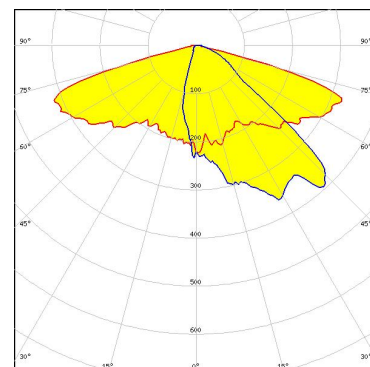
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C17580_STRADA-2X2-SHD-WHT



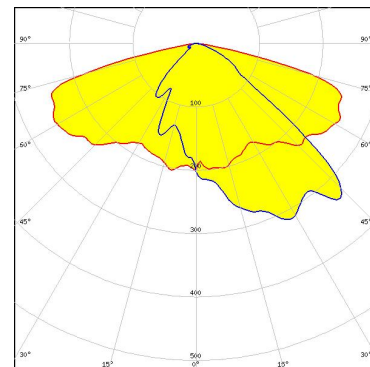
Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 80 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

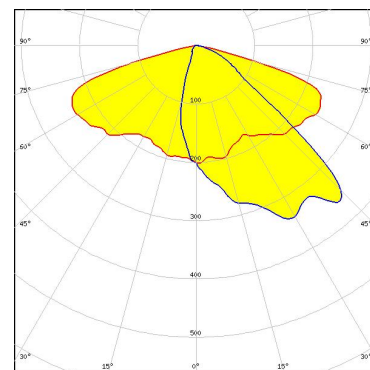


Light distribution files

OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 73 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C17580_STRADA-2X2-SHD-WHT

Protective plate, glass

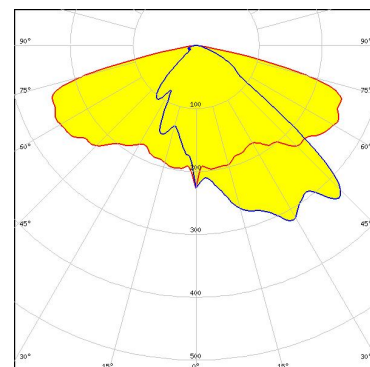


Light distribution files

OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 80 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

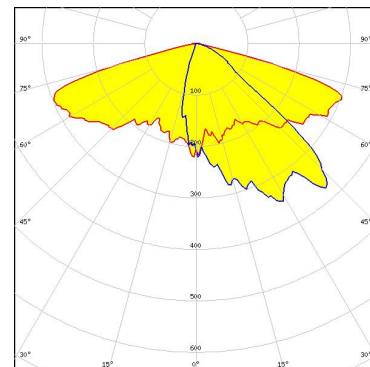


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

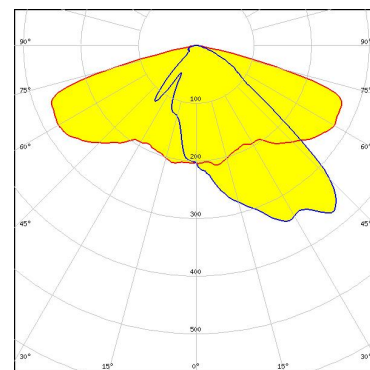
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 78 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C17677_STRADA-2X2-SHD-BLK



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON SQUARE Essential GW CPSRM1.PM
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

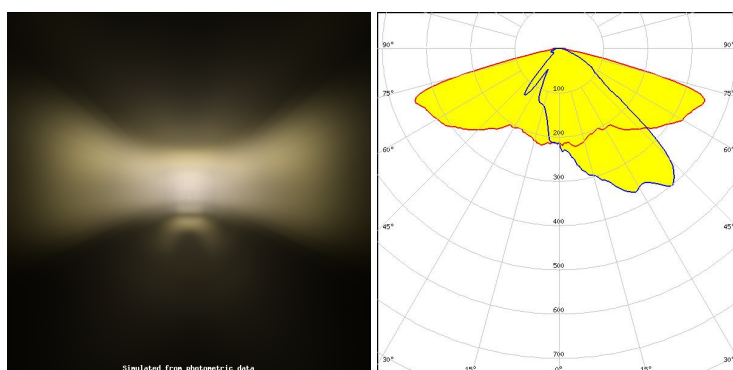


Protective plate, glass

Light distribution files

OSRAM
Opto Semiconductors

LED OSLON SQUARE Essential GW CPSRM1.PM
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

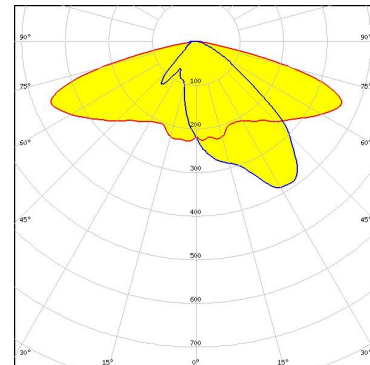


Light distribution files

OPTICAL RESULTS (SIMULATED):

PHILIPS

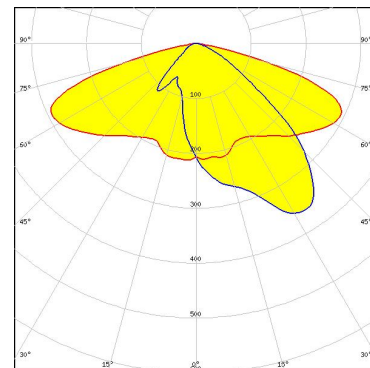
LED	Fortimo FastFlex LED 2x8 DA (U)HE
FWHM / FWTM	Asymmetric
Efficiency	97 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

PHILIPS

LED	Fortimo FastFlex LED 2x8 DA (U)HE
FWHM / FWTM	Asymmetric
Efficiency	83 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

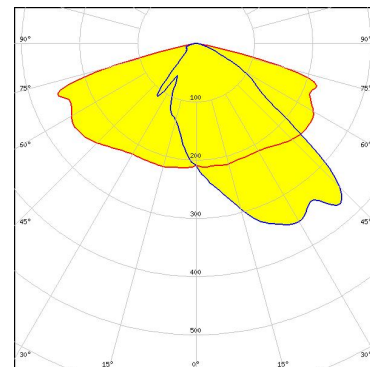


Light distribution files

Protective plate, glass

PHILIPS

LED	Fortimo FastFlex LED 2x8 DA G5
FWHM / FWTM	Asymmetric
Efficiency	84 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

Protective plate, glass

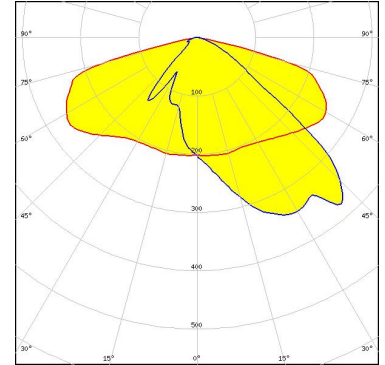
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	HiLOM RH16 (LH351C)
FWHM / FWTM	Asymmetric
Efficiency	84 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

Light distribution files

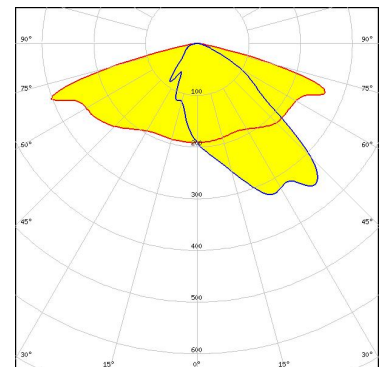


SAMSUNG

LED	LH351D
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

Light distribution files



LED	Z5M3
FWHM / FWTM	Asymmetric
Efficiency	82 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

Light distribution files

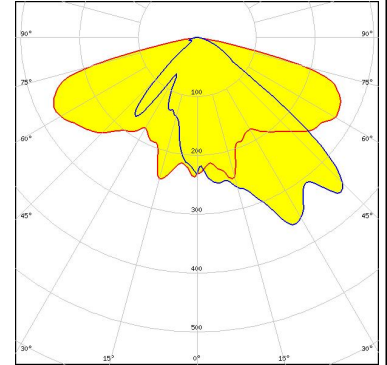


OPTICAL RESULTS (SIMULATED):



LED Z5M3-E1
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

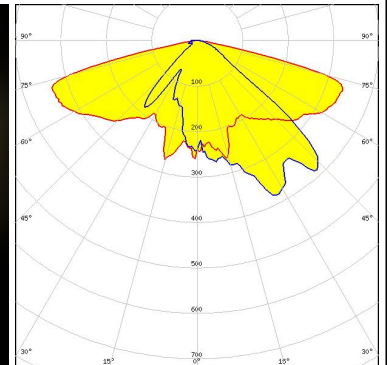
Protective plate, glass



Light distribution files



LED Z5M3-E1
 FWHM / FWTM Asymmetric
 Efficiency 97 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

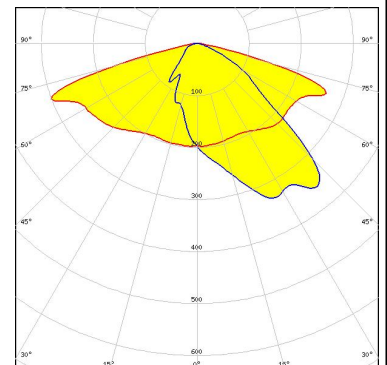


Light distribution files



LED Z5M4
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Protective plate, glass



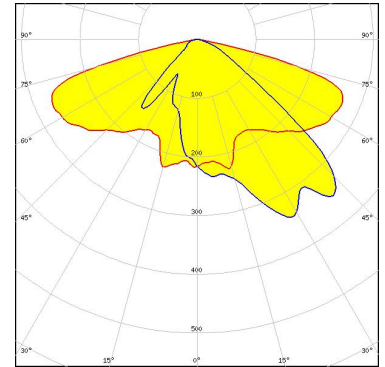
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED Z5M4-E1
 FWHM / FWTM Asymmetric
 Efficiency 83 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

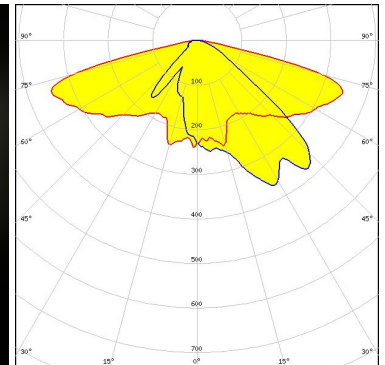
Protective plate, glass



Light distribution files



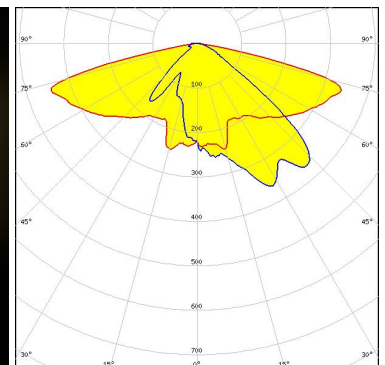
LED Z5M4-E1
 FWHM / FWTM Asymmetric
 Efficiency 97 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Z5M4-E2
 FWHM / FWTM Asymmetric
 Efficiency 97 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



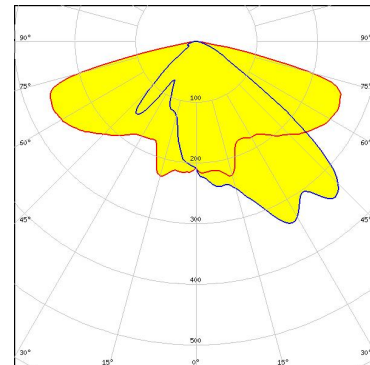
Light distribution files

OPTICAL RESULTS (SIMULATED):



LED Z5M4-E2
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

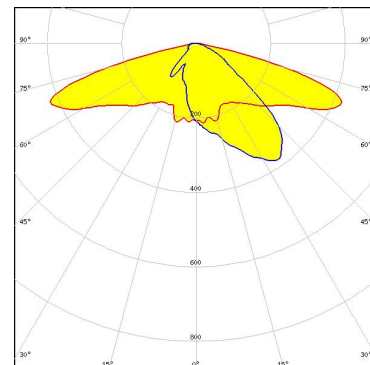
Protective plate, glass



Light distribution files



LED Z5M5
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

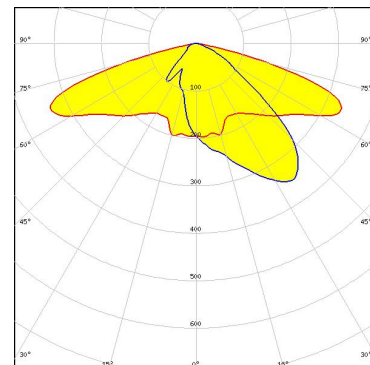


Light distribution files



LED Z5M5
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass

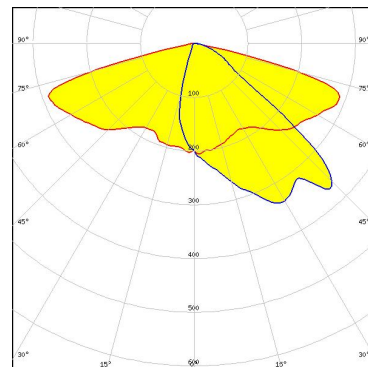


Light distribution files

OPTICAL RESULTS (SIMULATED):

TRIDONIC

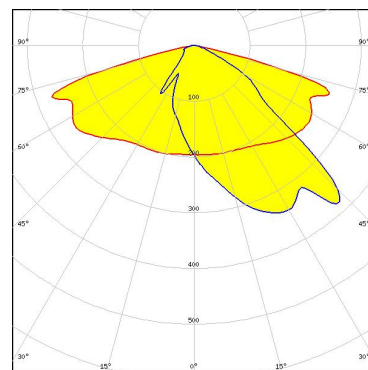
LED RLE 2x8 4000lm HP EXC2 OTD
 FWHM / FWTM Asymmetric
 Efficiency 81 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C17677_STRADA-2X2-SHD-BLK



Light distribution files

TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

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.

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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