STRADA-IP-2X6-FW

Beam with wide light distribution and good illuminance uniformity for residential street lighting and staggered pole setups

SPECIFICATION:

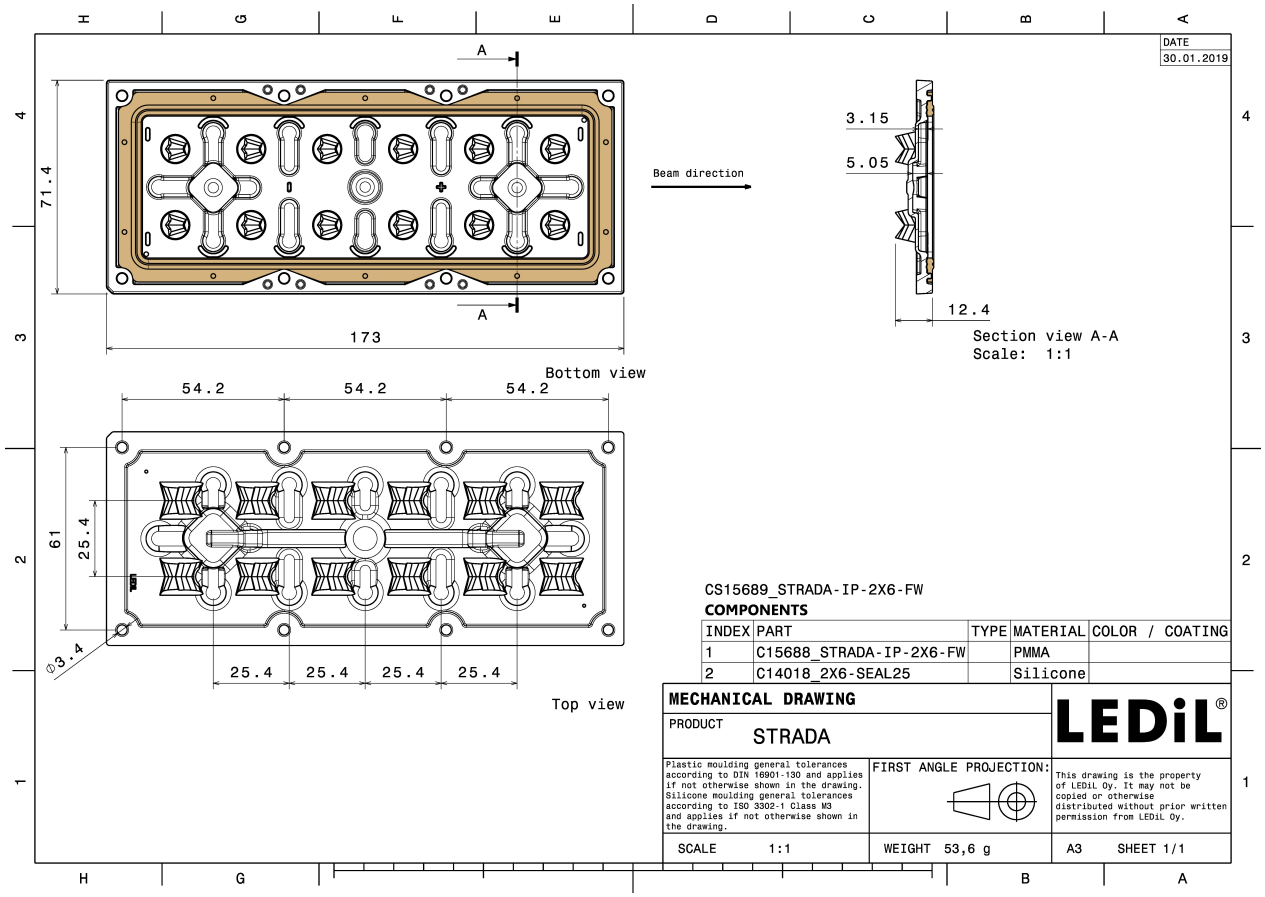
Dimensions	173.0 x 71.4
Height	12.4 mm
Fastening	pin, screw
Ingress protection classes	IP67
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
STRADA-IP-2X6-FW	Multi-lens	PMMA	clear		
2X6-SEAL25	Seal	Silicone	white		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS15689_STRADA-IP-2X6-FW » Box size: 476 x 273 x 247 mm	Multi-lens	120	40	40	7.4



CS15689_STRADA-IP-2X6-FW

COMPONENTS

INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	C15688_STRADA-IP-2X6-FW		PMMA	
2	C14018_2X6-SEAL25		Silicone	

MECHANICAL DRAWING

PRODUCT STRADA

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

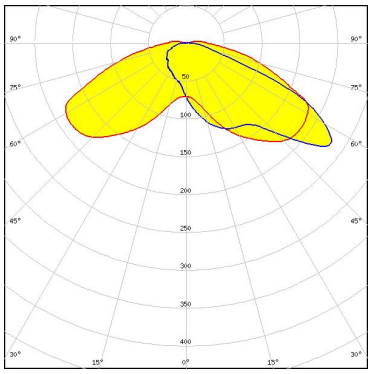
SCALE 1:1 | WEIGHT 53,6 g | A3 SHEET 1/1

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

OPTICAL RESULTS (MEASURED):

COMET ELECTRONICS

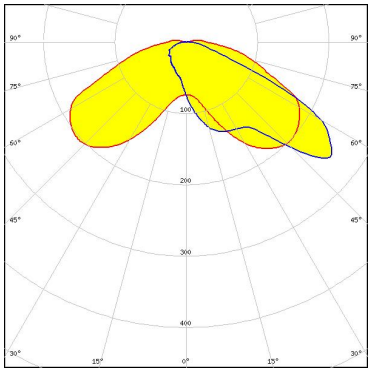
LED	QUICK FLUX 2x6 LED XG xxx G7+
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

COMET ELECTRONICS

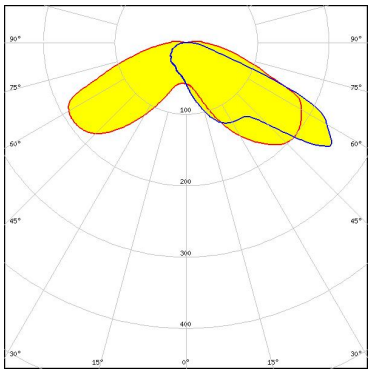
LED	QUICK FLUX 2x6 LED XT xxx G5
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XP-G2
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

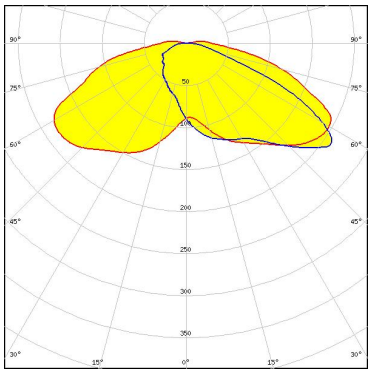


Light distribution files

OPTICAL RESULTS (MEASURED):

CREE LEDs

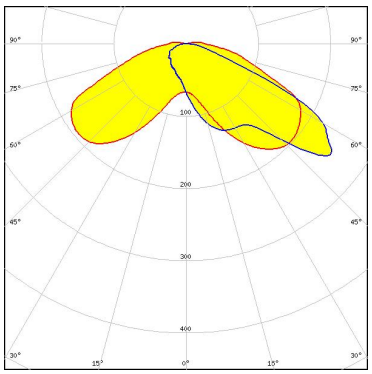
LED	XP-L2
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

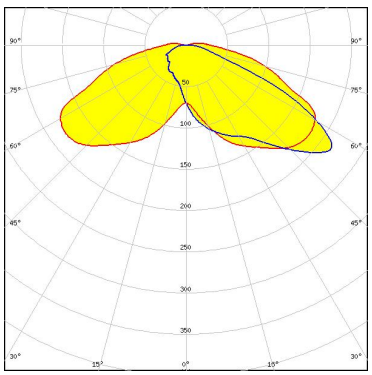
LED	XT-E HE
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON V
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

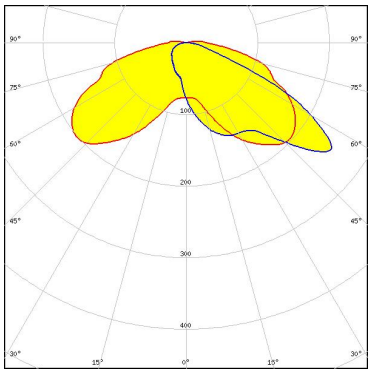


Light distribution files

OPTICAL RESULTS (MEASURED):

NICHIA

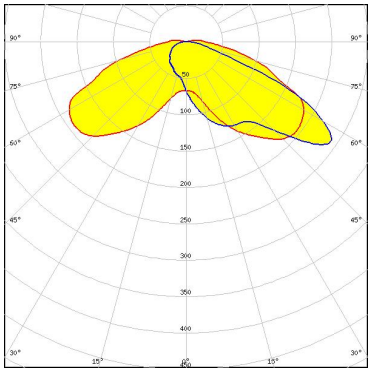
LED	NVSW219D
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

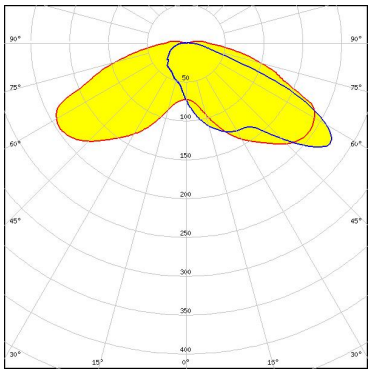
LED	NVSW219F
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

LED	NVSW319B
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

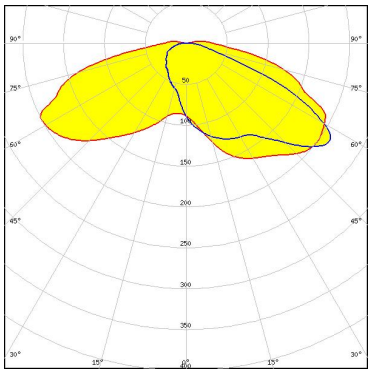


Light distribution files

OPTICAL RESULTS (MEASURED):

NICHIA

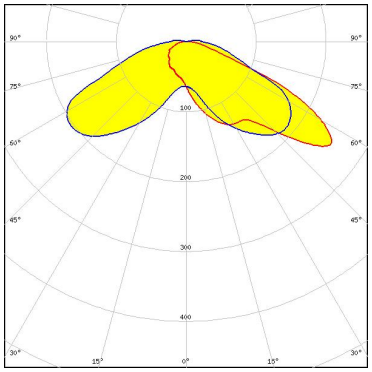
LED	NVSW519A
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

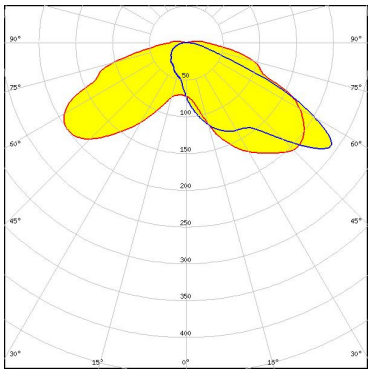
LED	NVSxx19B/NVSxx19C
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	HiLOM RH12 (LH351C)
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

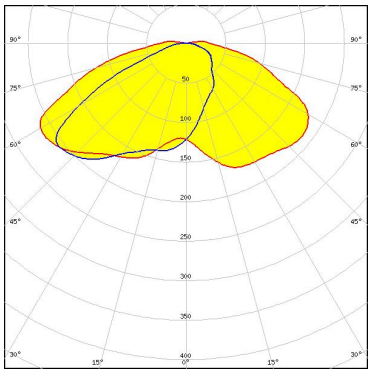


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

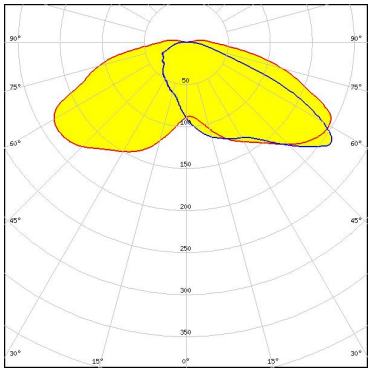
LED	HiLOM RM12 ZP (LH502C)
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SCIOLUX

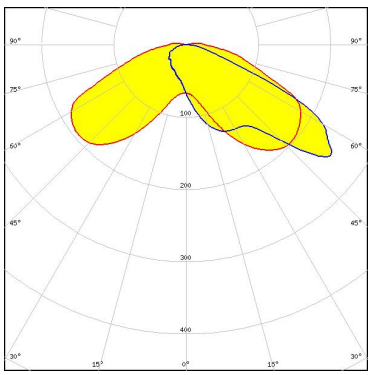
LED	ROY-S26XPL2 (XP-L2)
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SCIOLUX

LED	XLE-S22C4XTEHE (XT-E HE)
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

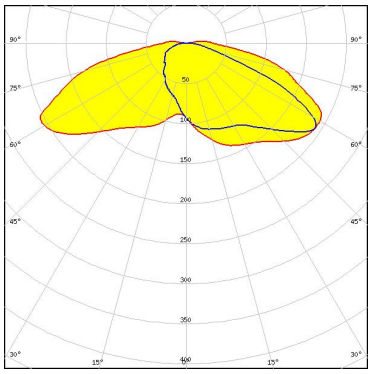


Light distribution files

OPTICAL RESULTS (MEASURED):

SCIOLUX

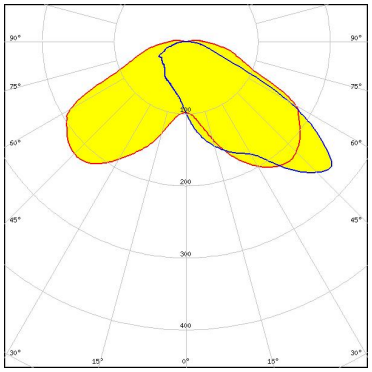
LED	XLE-S26XHP35 (XHP35 HD)
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

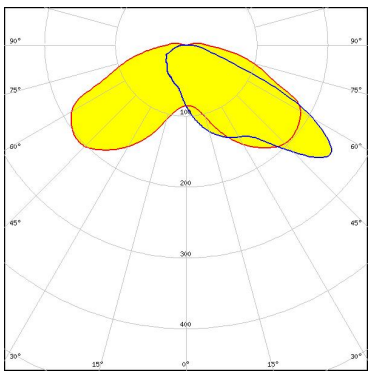
LED	SMJQ-D36W12Mx
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

LED	Z5M3
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

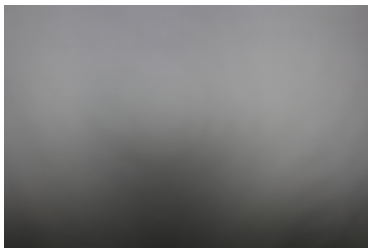


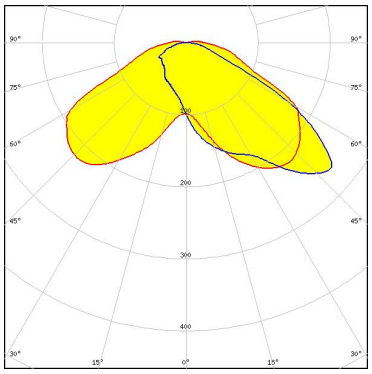
Light distribution files

OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR

LED	Z8Y22
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

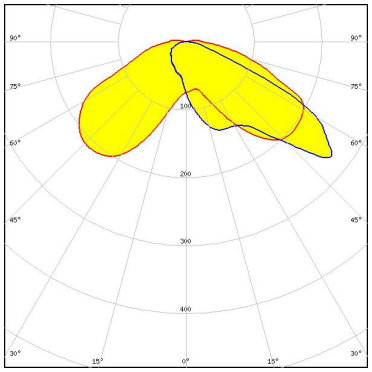




Light distribution files

TRIDONIC

LED	RLE 2x6 3000lm HP EXC2 OTD
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

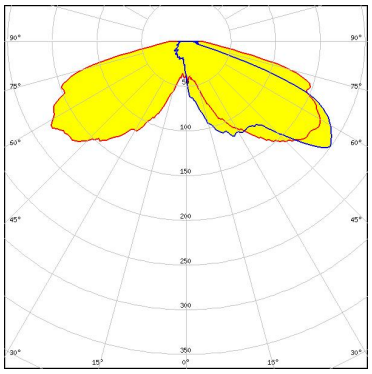


Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

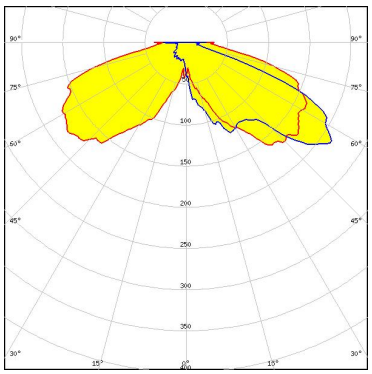
LED	XP-G2 HE
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

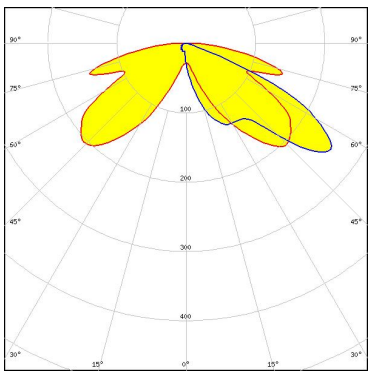
LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XP-G4
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

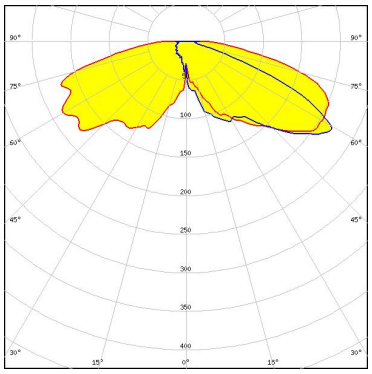


Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

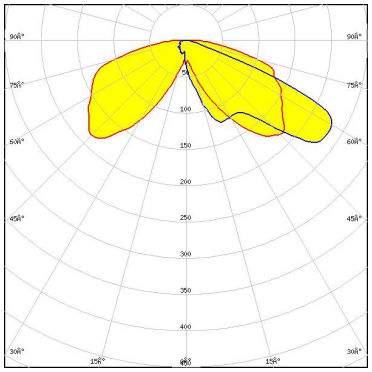
LED	XP-L HD
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

inventronics

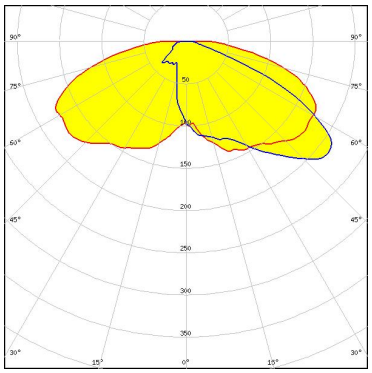
LED	PrevaLED Brick HP IP 2x6
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

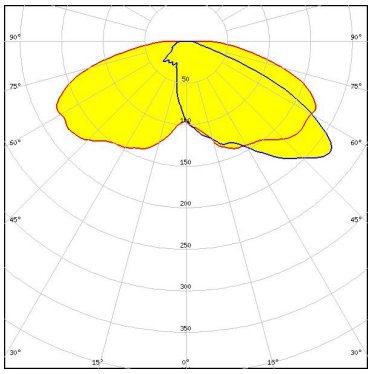


Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

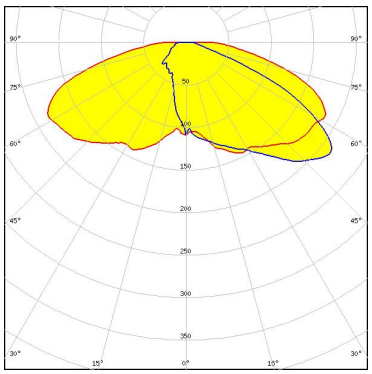
LED	LUXEON 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

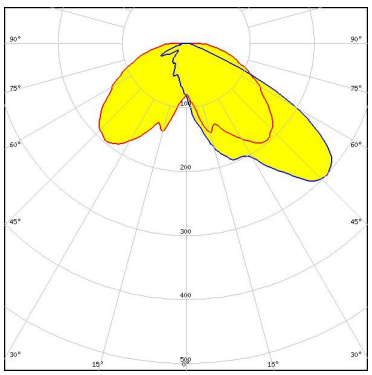
LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

LED	NV4WB35AM
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

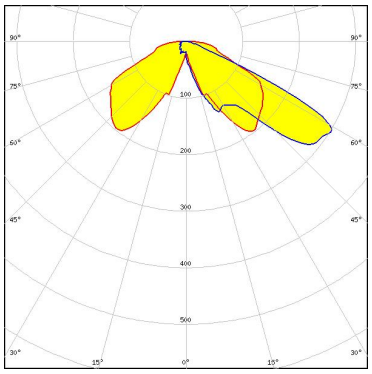


Light distribution files

OPTICAL RESULTS (SIMULATED):

NICHIA

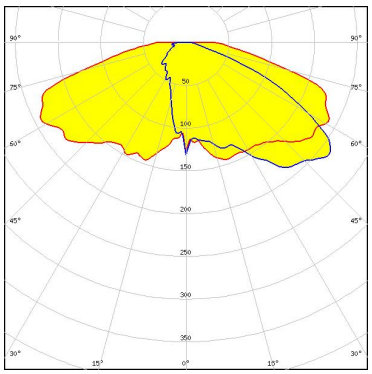
LED	NVSxE21A
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

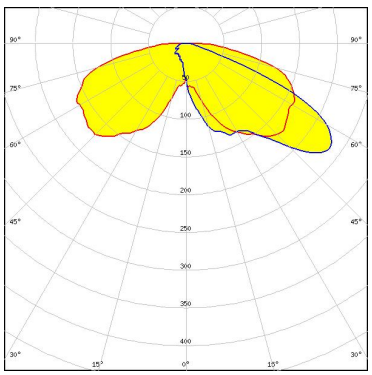
LED	Duris S8
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (3W version)
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

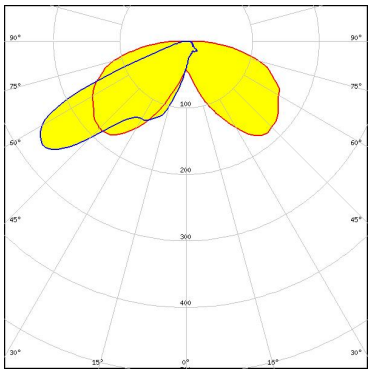


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

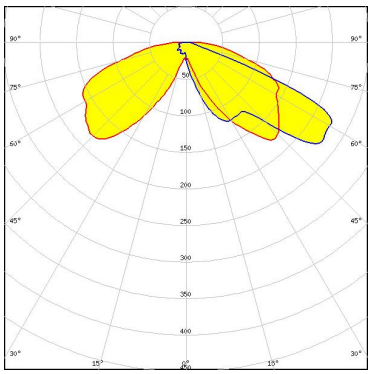
LED	OSCONIQ P 3737 Flat
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

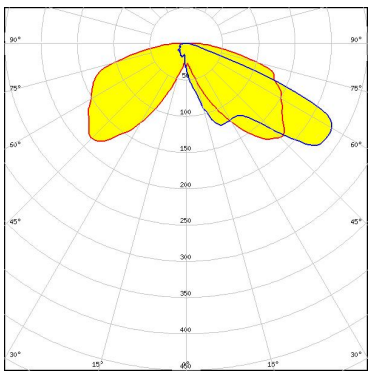
LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

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

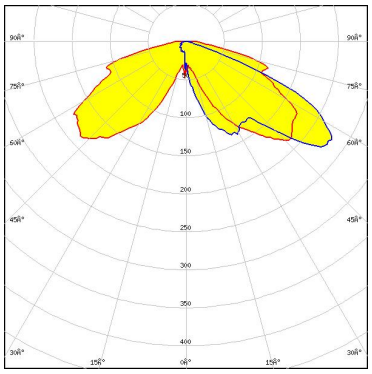


Light distribution files

OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

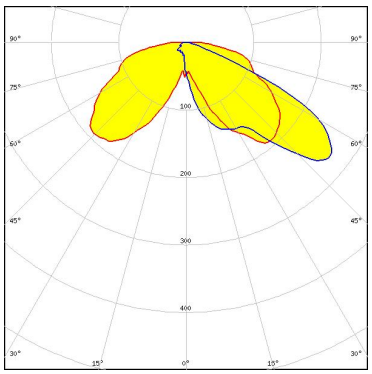
LED	Z5M3-E1
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

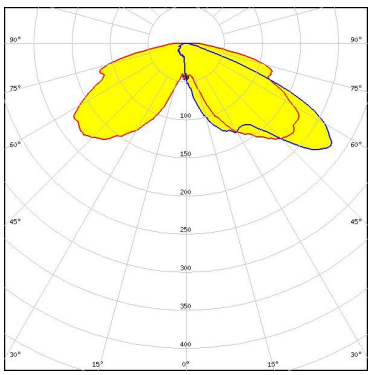
LED	Z5M4
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

LED	Z5M4-E1
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

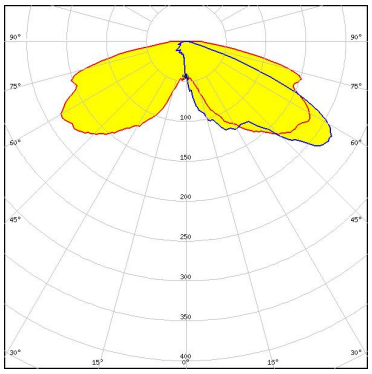


Light distribution files

OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

LED	Z5M4-E2
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



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:

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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