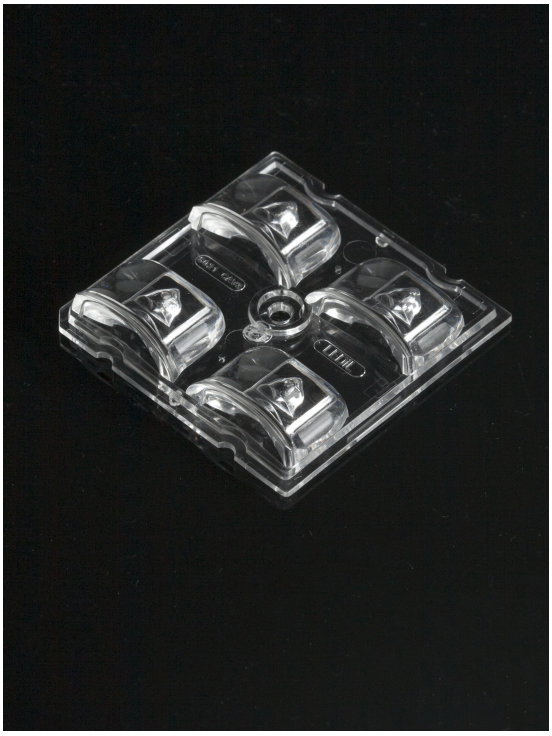
STRADA-2X2-SCL

Type II/III (long) beam for very wide pole to pole distances. Ideal for pedestrian paths and residential roads. EN13201 P-classes.

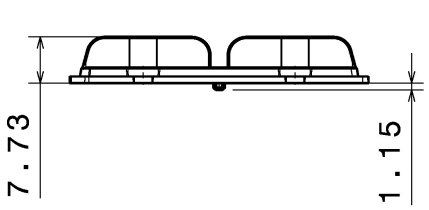


TECHNICAL SPECIFICATIONS:

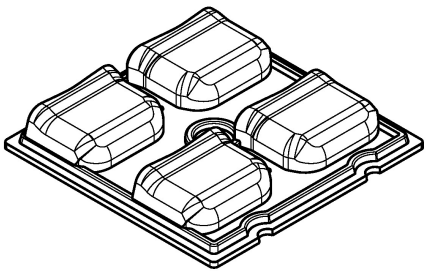
Dimensions	50.0 mm
Height	7.8 mm
Fastening	screw, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.3 kg
Quantity in Box	800 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

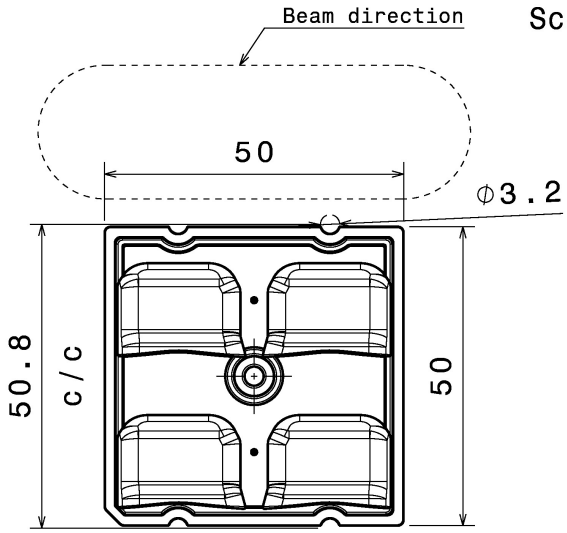
Component	Type	Material	Colour
STRADA-2X2-SCL	Multi-lens	PMMA	clear



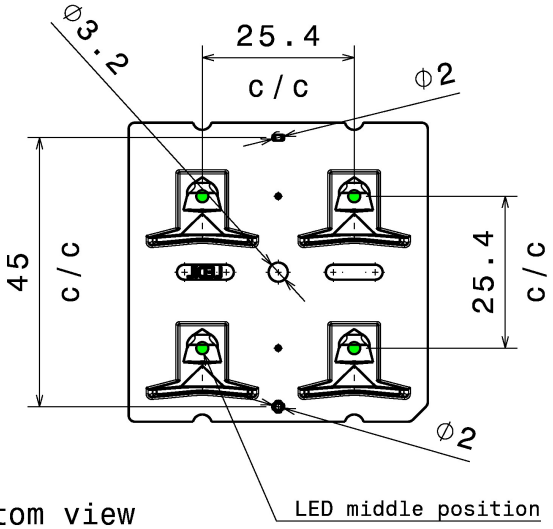
Front view



Isometric view
Scale: 1:1



Top view



Bottom view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15021	STRADA-2X2-SCL	PMMA	

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
up to 30mm class M, otherwise class C
According to DIN ISO 2768-2
Form and position: class L

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
C15021_STRADA-2X2-SCL

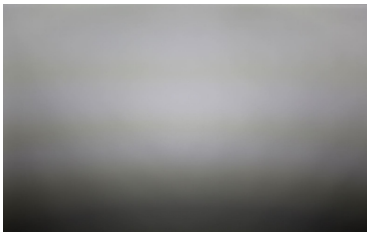
SIZE	PART NUMBER
A4	C15021

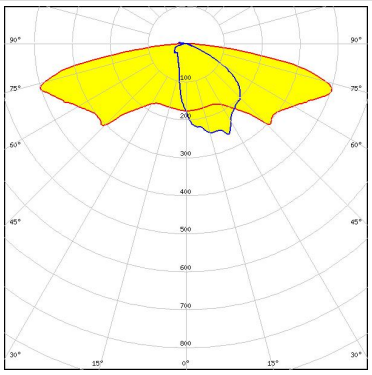
SCALE	WEIGHT	SHEET
1:1	9,35 g	1/1

PHOTOMETRIC DATA (MEASURED):

bridgelux

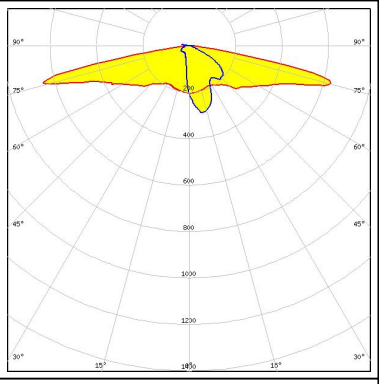
LED	Bridgelux SMD 5050
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.630 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





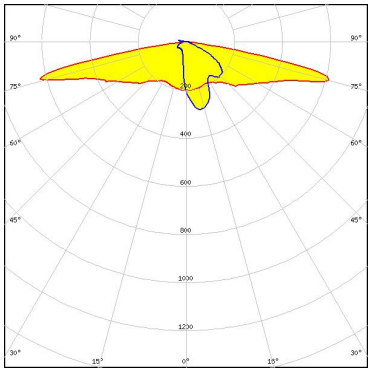
COMET ELECTRONICS

LED	QUICK FLUX XTP 2x4 xxx LS G5
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



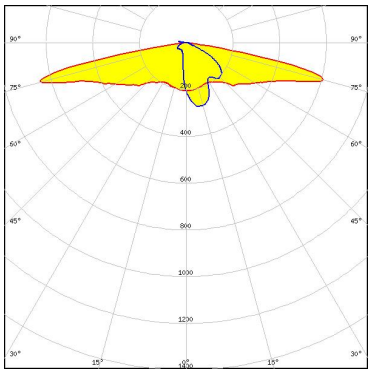
COMET ELECTRONICS

LED	QUICK FLUX XTP 2x6 xxx LS G5
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



COMET ELECTRONICS

LED	QUICK FLUX XTP 2x8 xxx LS G5
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

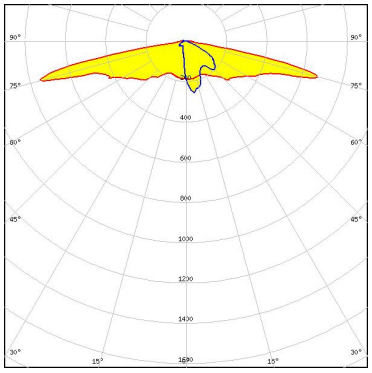


PHOTOMETRIC DATA (MEASURED):

CREE

LED	XD16
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.100 cd/lm
LEDs/each optic	1
Light colour	White

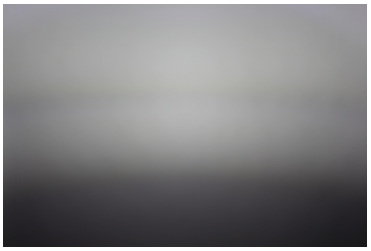
Required components:

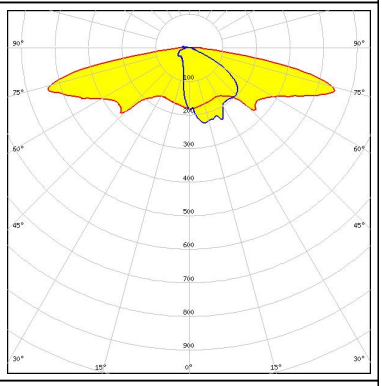


CREE

LED	XD16
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.750 cd/lm
LEDs/each optic	4
Light colour	White

Required components:

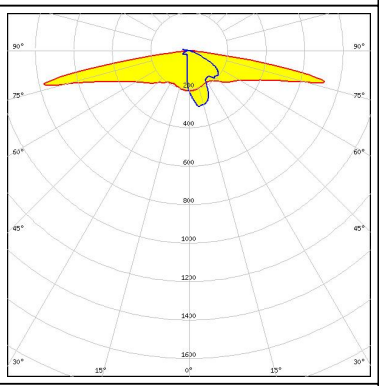




CREE

LED	XP-G2
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.200 cd/lm
LEDs/each optic	1
Light colour	White

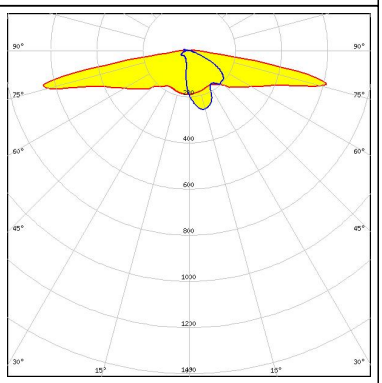
Required components:



CREE

LED	XP-G3
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.970 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

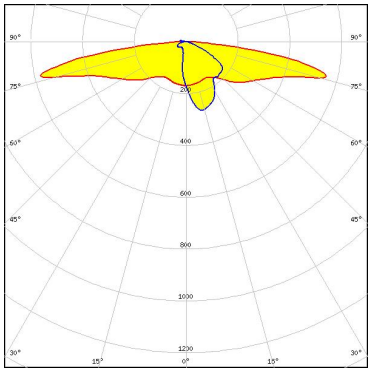


PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-L HD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.900 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

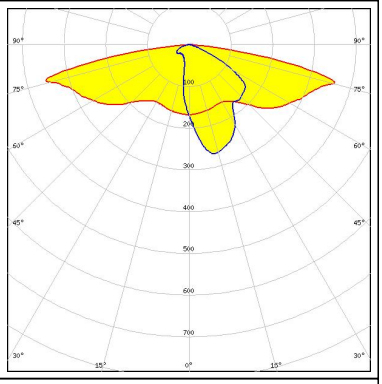


CREE

LED	XP-L HD
FWHM	Asymmetric
Efficiency	78 %
Peak intensity	0.550 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

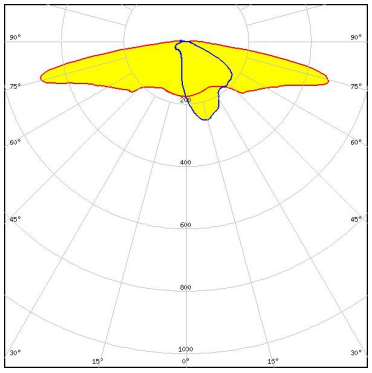
Undefined Manufacturer: Protective Plate, Glass



CREE

LED	XP-L2
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.750 cd/lm
LEDs/each optic	1
Light colour	White

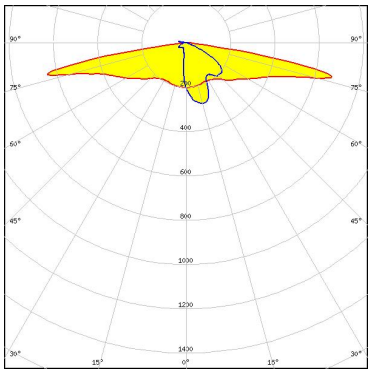
Required components:



LG Innotek

LED	H35C1 (LEMWA33)
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.100 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

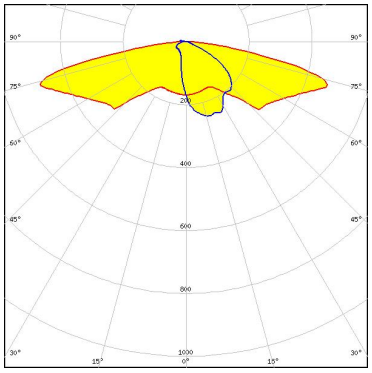


PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON 5050
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.660 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

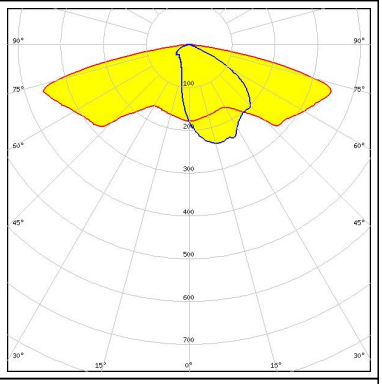


LUMILEDS

LED	LUXEON 5050
FWHM	Asymmetric
Efficiency	83 %
Peak intensity	0.520 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

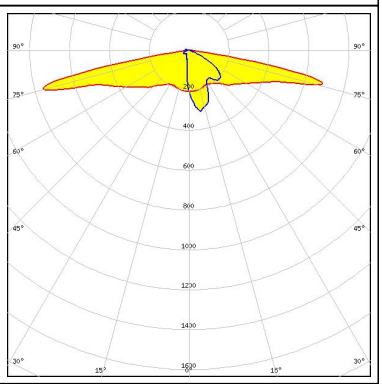
Undefined Manufacturer: Protective Plate, Glass



LUMILEDS

LED	LUXEON TX
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.040 cd/lm
LEDs/each optic	1
Light colour	White

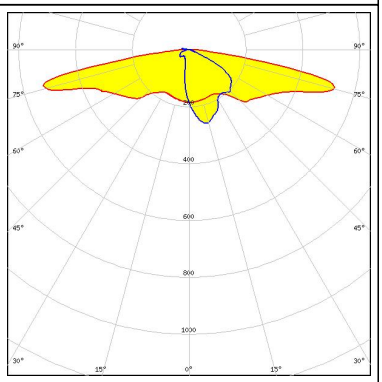
Required components:



LUMILEDS

LED	LUXEON V
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.800 cd/lm
LEDs/each optic	1
Light colour	White

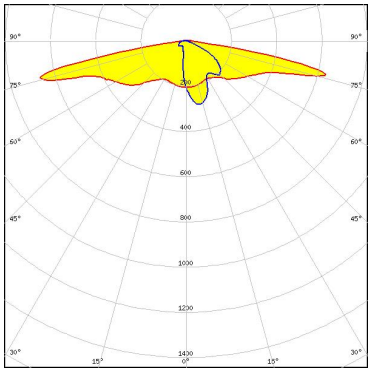
Required components:



PHOTOMETRIC DATA (MEASURED):

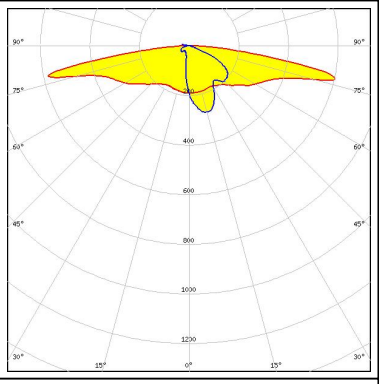
LUMILEDS

LED	LUXEON V2
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



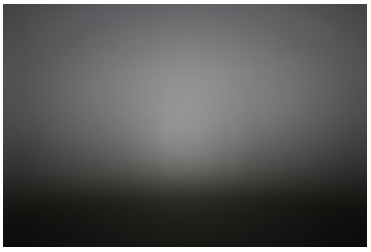
NICHIA

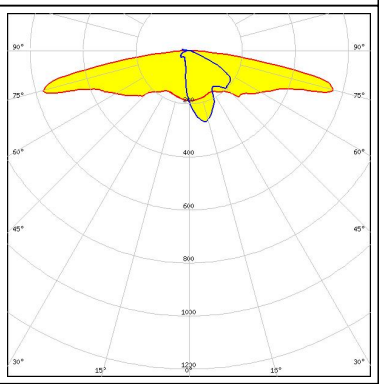
LED	NVSW319B
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

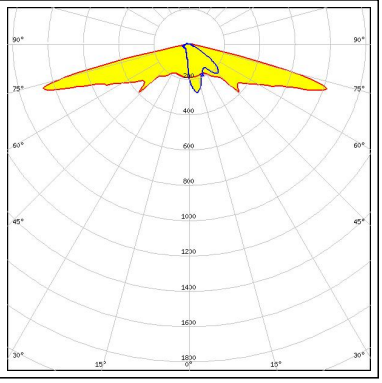
LED	NVSW3x9A
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.930 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





NICHIA

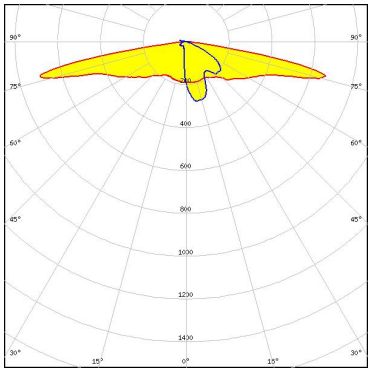
LED	NVSxE21A
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.380 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (MEASURED):

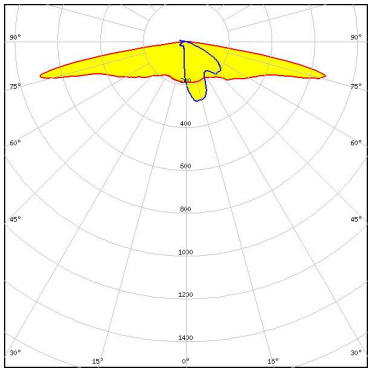
OSRAM

LED	PrevaLED Brick DC 2x8
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



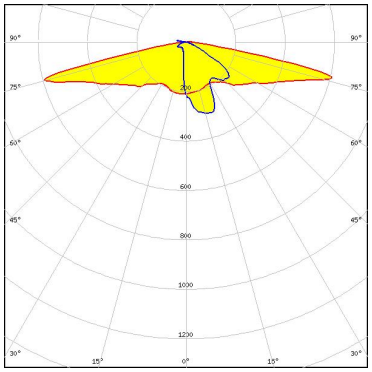
OSRAM
Opto Semiconductors

LED	Oslon Square Gen3
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



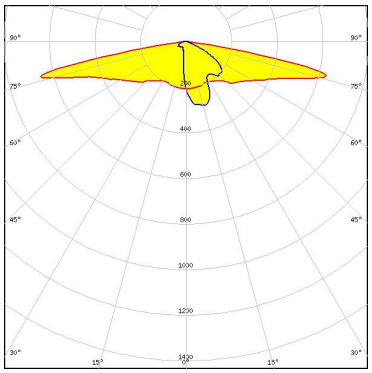
OSRAM
Opto Semiconductors

LED	Oslon Square PC
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.900 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHILIPS

LED	Fortimo FastFlex LED 2x8 DA G4
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

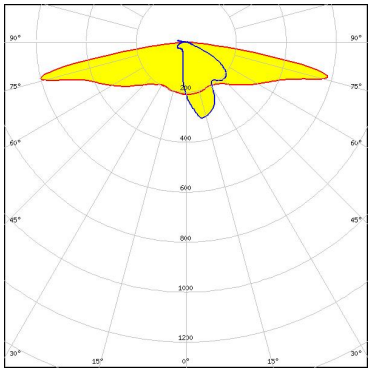


PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED	HiLOM RH16 (LH351C)
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.900 cd/lm
LEDs/each optic	1
Light colour	White

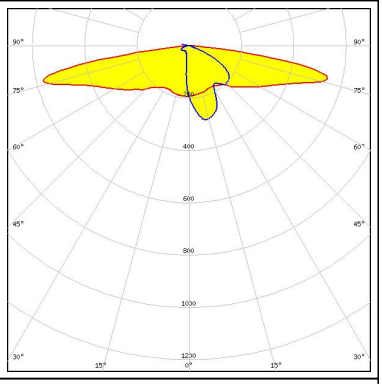
Required components:



SAMSUNG

LED	LH351B
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.860 cd/lm
LEDs/each optic	1
Light colour	White

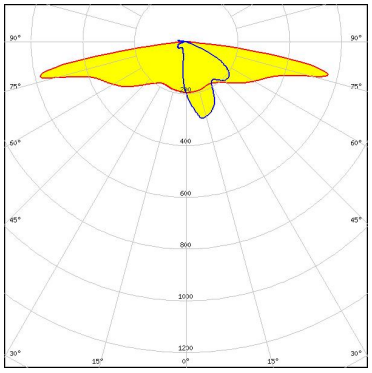
Required components:



SAMSUNG

LED	LH351C
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.900 cd/lm
LEDs/each optic	1
Light colour	White

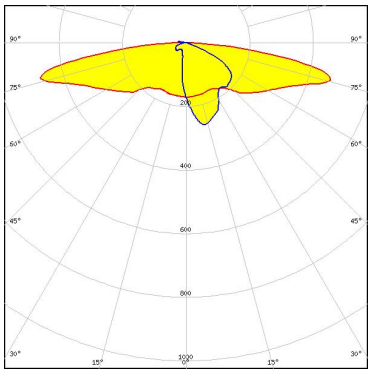
Required components:



SAMSUNG

LED	LH351D
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.740 cd/lm
LEDs/each optic	1
Light colour	White

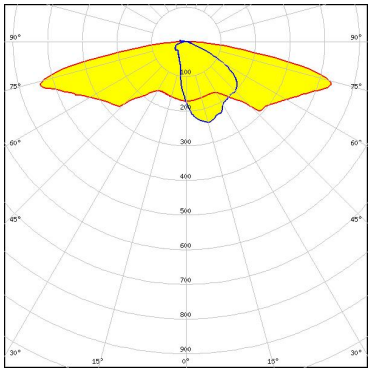
Required components:



PHOTOMETRIC DATA (MEASURED):

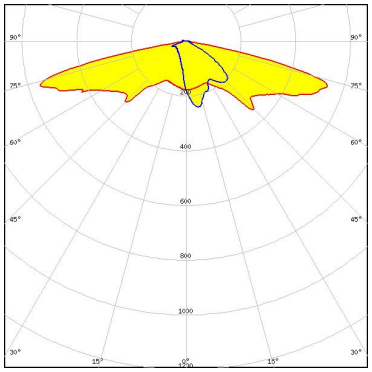
SAMSUNG

LED	LH508A
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.700 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



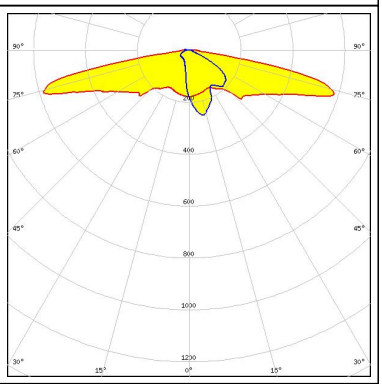
SEOUL SEMICONDUCTOR

LED	Z8Y22
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.870 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.960 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



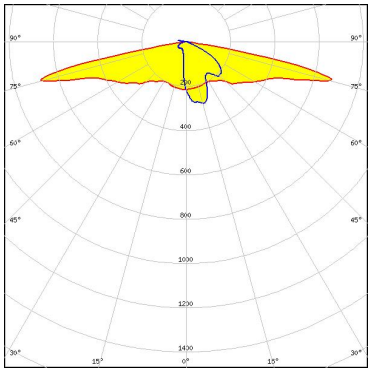
TRIDONIC

LED	RLE 2x4 2000lm HP EXC2 OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (MEASURED):

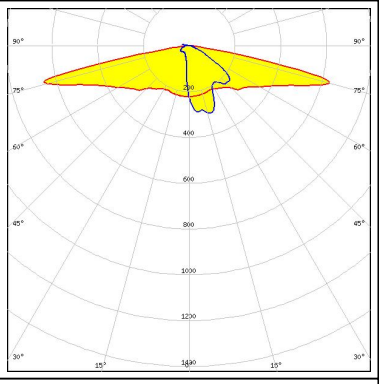
TRIDONIC

LED	RLE 2x8 4000lm HP EXC2 OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



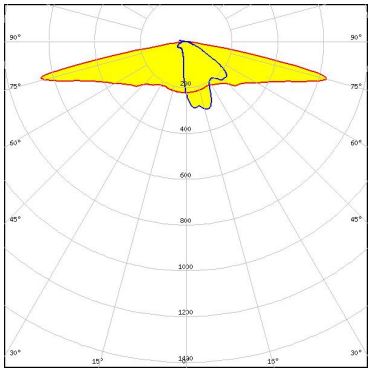
TRIDONIC

LED	RLE G1 49x121mm 2000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.900 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



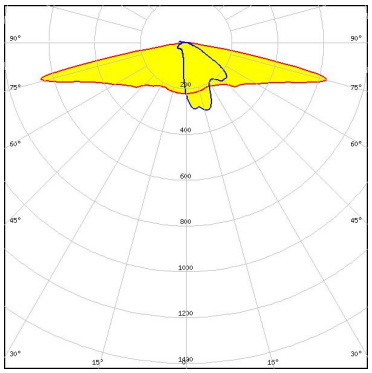
TRIDONIC

LED	RLE G1 49x133mm 2000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.900 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



TRIDONIC

LED	RLE G1 49x223mm 4000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.900 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

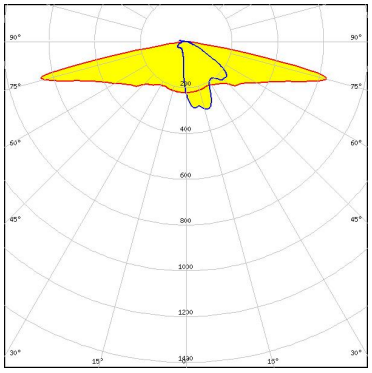


PHOTOMETRIC DATA (MEASURED):

TRIDONIC

LED	RLE G1 49x245mm 4000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.900 cd/lm
LEDs/each optic	1
Light colour	White

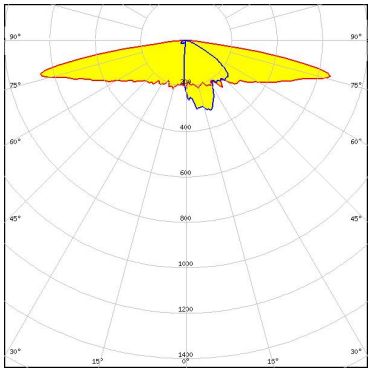
Required components:



PHOTOMETRIC DATA (SIMULATED):

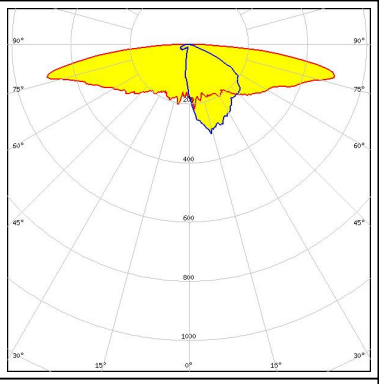
CREE

LED	XB-H
FWHM	Asymmetric
Efficiency	%
Peak intensity	cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



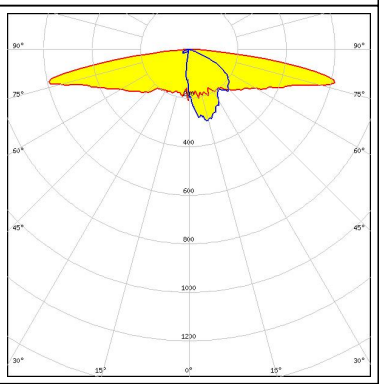
CREE

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



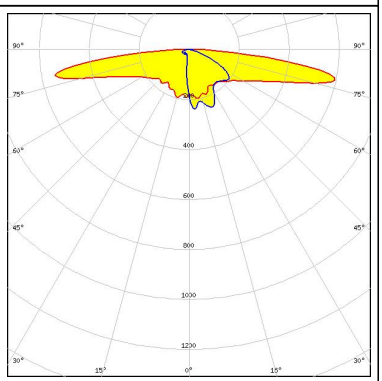
CREE

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



CREE

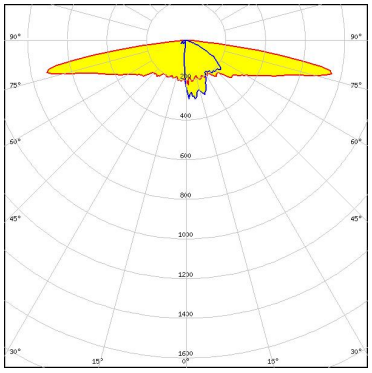
LED	XP-E2
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.660 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

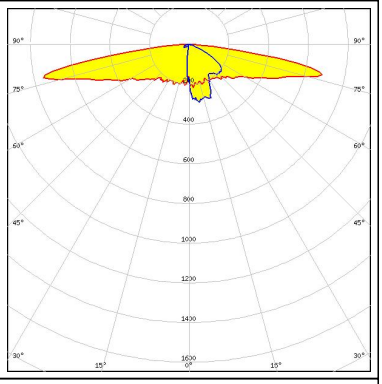
CREE

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



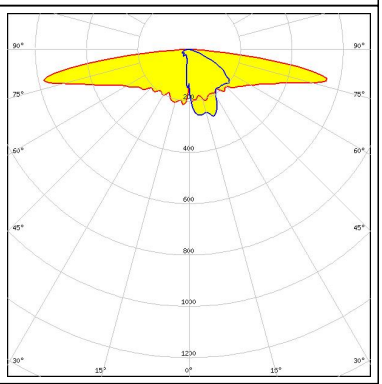
CREE

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



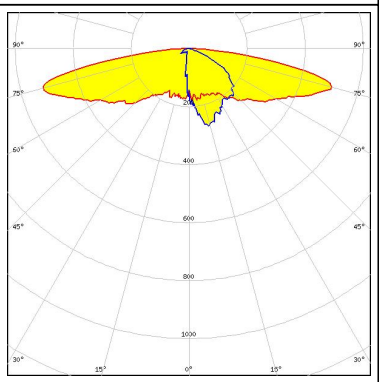
LG Innotek

LED	H35C1 (LEMWA33)
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.740 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON 5258
FWHM	Asymmetric
Efficiency	%
Peak intensity	cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

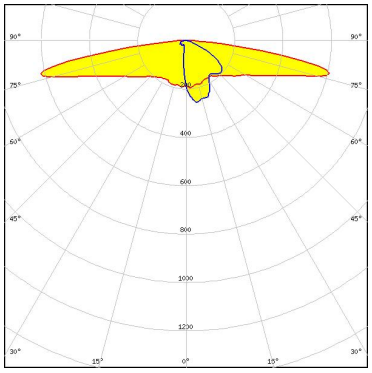


PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED	LUXEON V2
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.750 cd/lm
LEDs/each optic	1
Light colour	White

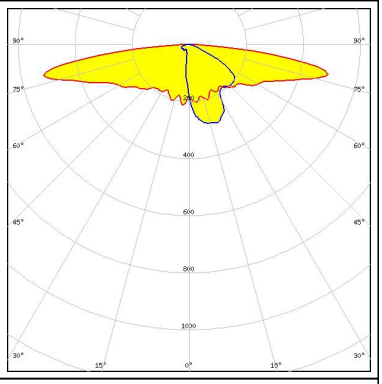
Required components:



NICHIA

LED	NVSW219D
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.660 cd/lm
LEDs/each optic	1
Light colour	White

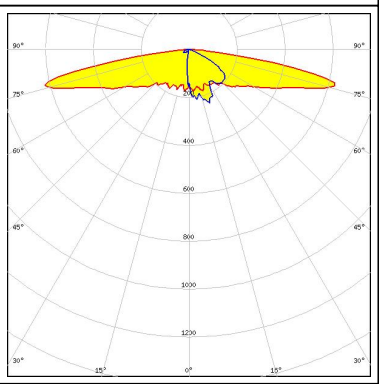
Required components:



NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	Asymmetric
Efficiency	87 %
Peak intensity	0.830 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

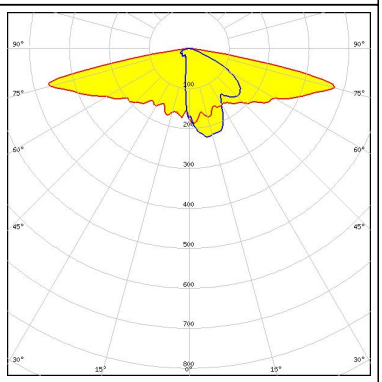


NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	Asymmetric
Efficiency	69 %
Peak intensity	0.510 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Undefined Manufacturer: Protective Plate, Glass

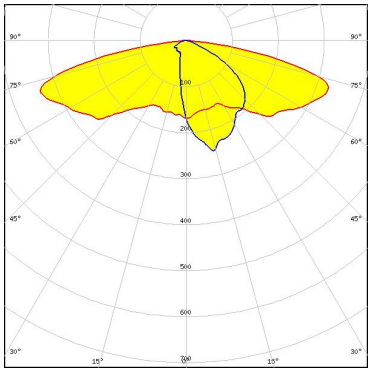


PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	Duris S8
FWHM	Asymmetric
Efficiency	76 %
Peak intensity	0.440 cd/lm
LEDs/each optic	1
Light colour	White

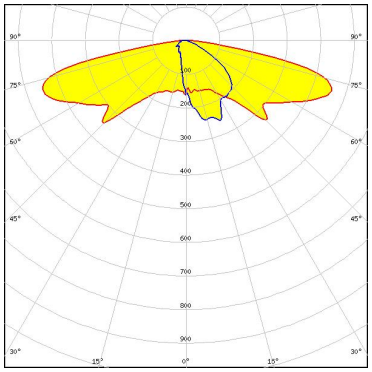
Required components:
Undefined Manufacturer: Protective Plate, Glass



OSRAM
Opto Semiconductors

LED	Duris S8
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.620 cd/lm
LEDs/each optic	1
Light colour	White

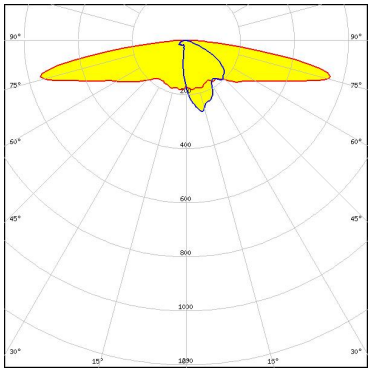
Required components:



OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (3W version)
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.710 cd/lm
LEDs/each optic	1
Light colour	White

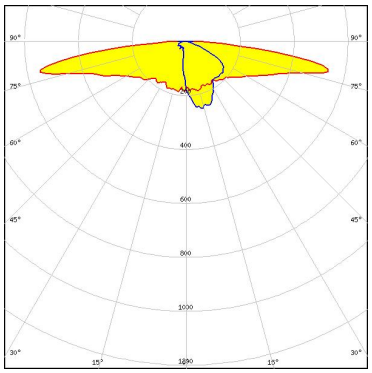
Required components:



PHILIPS

LED	Fortimo FastFlex LED 2x8 DAX G4
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.760 cd/lm
LEDs/each optic	1
Light colour	White

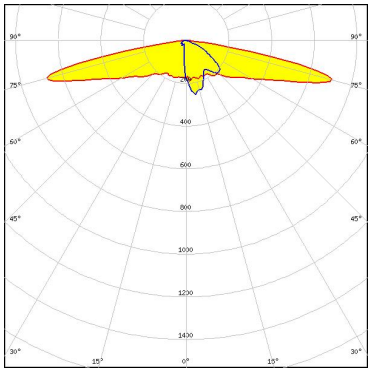
Required components:



PHOTOMETRIC DATA (SIMULATED):

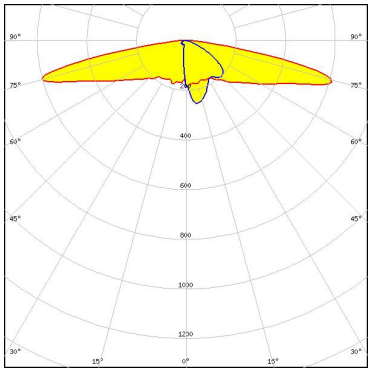
SAMSUNG

LED	LH181B
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.830 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



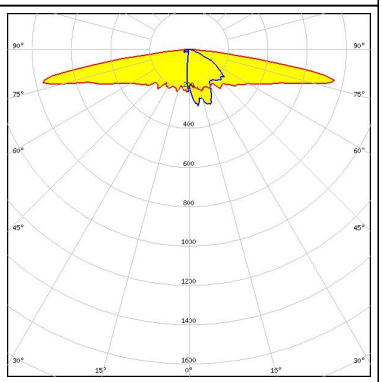
SAMSUNG

LED	LH231B
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.750 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



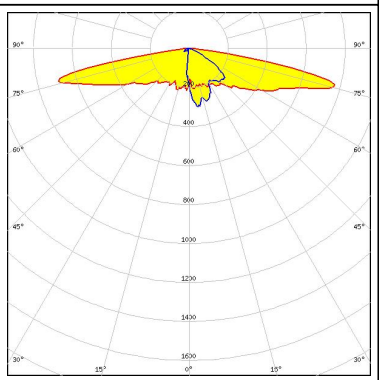
SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM	Asymmetric
Efficiency	%
Peak intensity	cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



TOSHIBA
Leading Innovation

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



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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