STRADA-2X2-C-STP

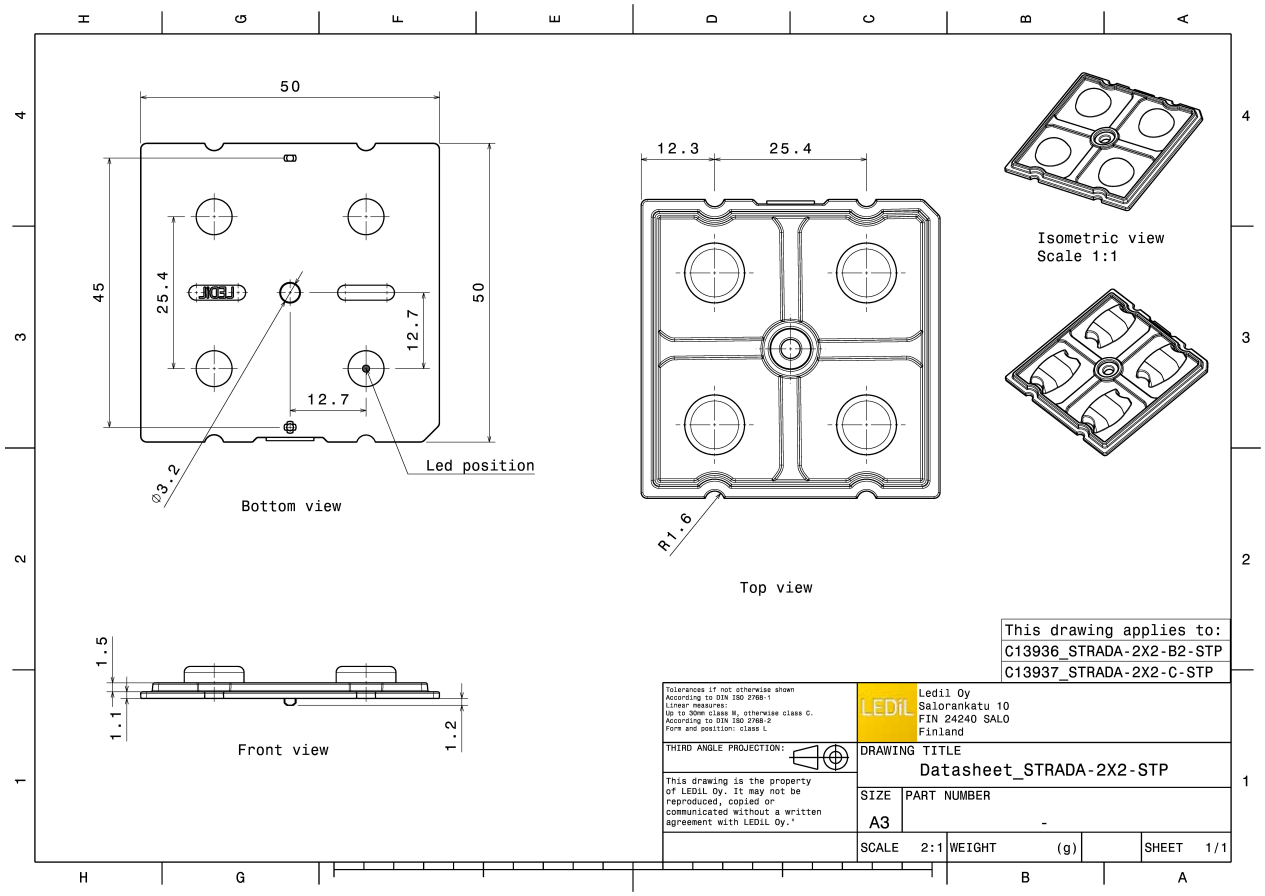
Beam for area and street lighting such as parks and pedestrian walkways

TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	5.3 mm
Fastening	pin, screw
Colour	clear
Box size	476 x 273 x 292 mm
Box weight	5.5 kg
Quantity in Box	800 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

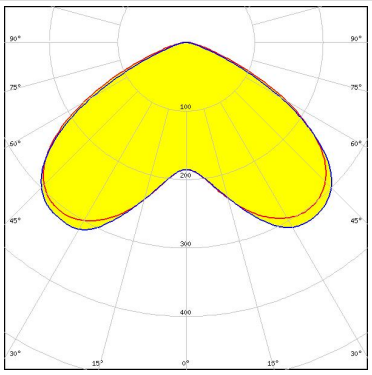
Component	Type	Material	Colour
STRADA-2X2-C-STP	Multi-lens	PMMA	clear


50
45
25.4
12.7
50
12.7
Led position
Ø3.2
Bottom view
12.3
25.4
R1.6
Top view
Isometric view
Scale 1:1
1.5
1.1
1.2
Front view
This drawing applies to:
C13936_STRADA-2X2-B2-STP
C13937_STRADA-2X2-C-STP
Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class B, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L
THIRD ANGLE PROJECTION:
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland
DRAWING TITLE
Datasheet_STRADA-2X2-STP
SIZE
A3
PART NUMBER
-
SCALE 2:1
WEIGHT (g)
SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

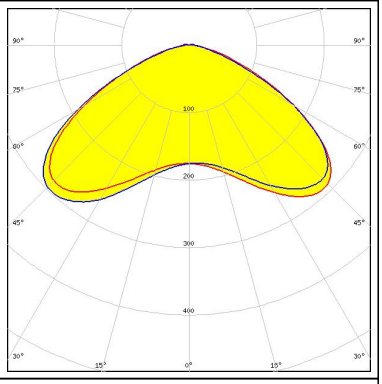
bridgelux

LED	Bridgelux SMD 5050
FWHM	131.0°
Efficiency	94 %
Peak intensity	0.320 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



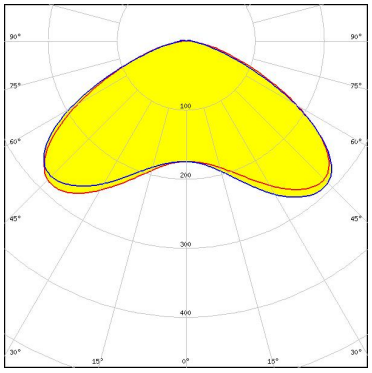
COMET ELECTRONICS

LED	QUICK FLUX XTP 2x4 xxx LS G5
FWHM	138.0°
Efficiency	94 %
Peak intensity	0.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



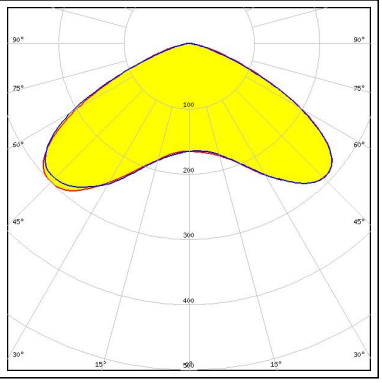
COMET ELECTRONICS

LED	QUICK FLUX XTP 2x6 xxx LS G5
FWHM	138.0°
Efficiency	94 %
Peak intensity	0.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE

LED	XP-G2
FWHM	137.0°
Efficiency	94 %
Peak intensity	0.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

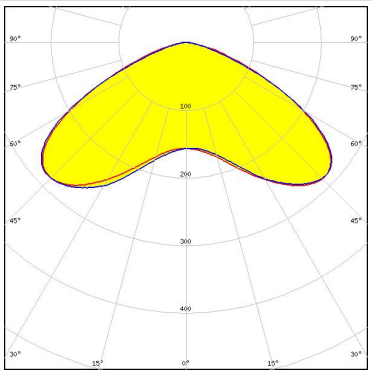


PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-G3
FWHM	141.0°
Efficiency	94 %
Peak intensity	0.290 cd/lm
LEDs/each optic	1
Light colour	White

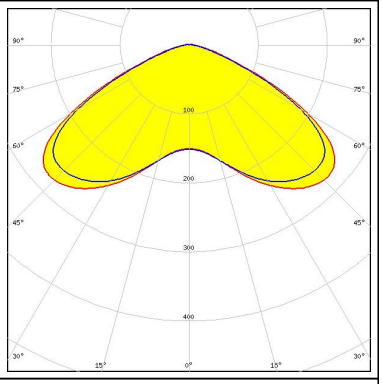
Required components:



CREE

LED	XP-L HD
FWHM	139.0°
Efficiency	92 %
Peak intensity	0.280 cd/lm
LEDs/each optic	1
Light colour	White

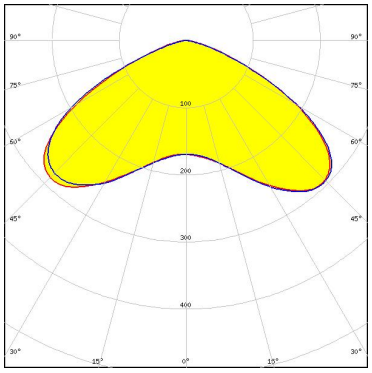
Required components:



CREE

LED	XP-L HI
FWHM	136.0°
Efficiency	94 %
Peak intensity	0.300 cd/lm
LEDs/each optic	1
Light colour	White

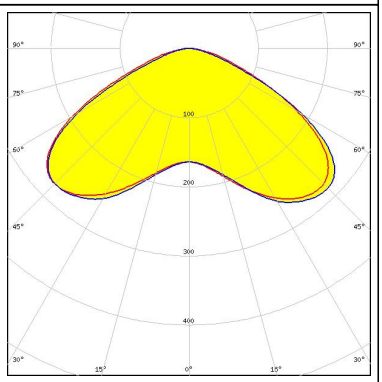
Required components:



CREE

LED	XP-L2
FWHM	139.0°
Efficiency	94 %
Peak intensity	0.290 cd/lm
LEDs/each optic	1
Light colour	White

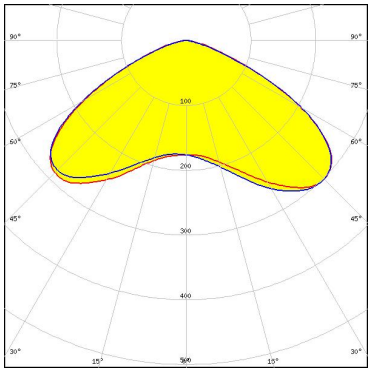
Required components:



PHOTOMETRIC DATA (MEASURED):

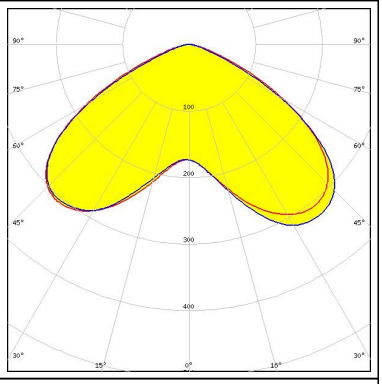
LG Innotek

LED	H35C1 (LEMWA33)
FWHM	136.0°
Efficiency	94 %
Peak intensity	0.310 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



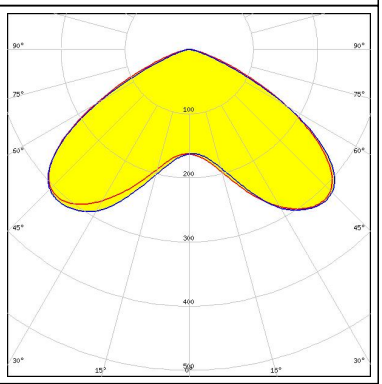
LUMILEDS

LED	LUXEON 5050
FWHM	133.0°
Efficiency	94 %
Peak intensity	0.320 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



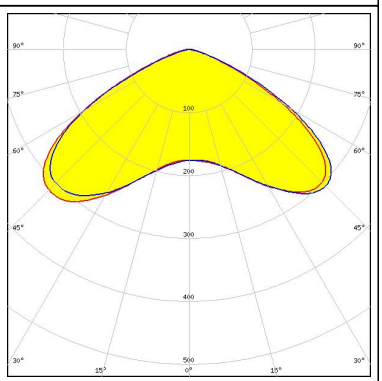
LUMILEDS

LED	LUXEON MZ
FWHM	133.0°
Efficiency	94 %
Peak intensity	0.320 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

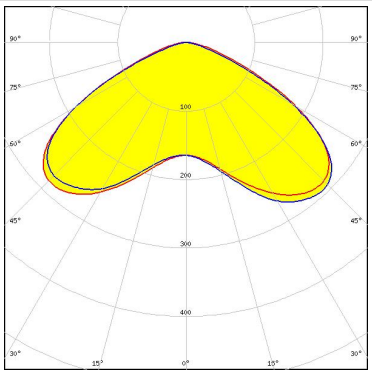
LED	LUXEON TX
FWHM	133.0°
Efficiency	94 %
Peak intensity	0.320 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (MEASURED):

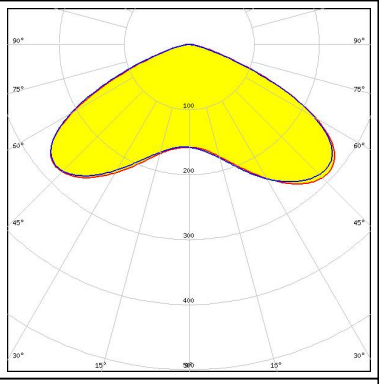
LUMILEDS

LED	LUXEON V
FWHM	136.0°
Efficiency	94 %
Peak intensity	0.290 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



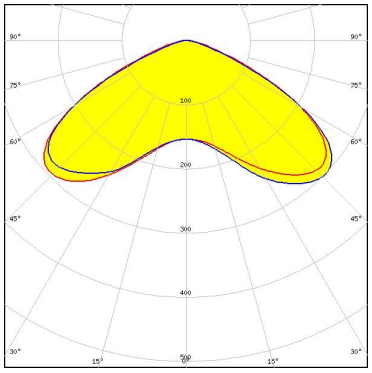
NICHIA

LED	NVSW319B
FWHM	139.0°
Efficiency	94 %
Peak intensity	0.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



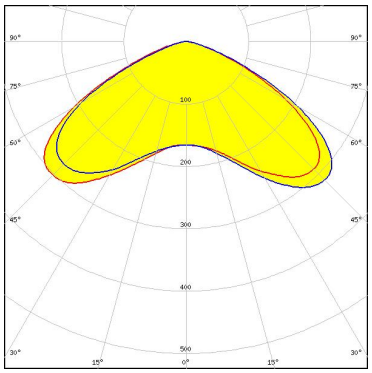
NICHIA

LED	NVSW3x9A
FWHM	138.0°
Efficiency	94 %
Peak intensity	0.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM

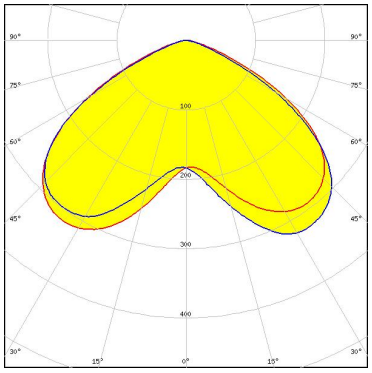
LED	PrevaLED Brick DC 2x8
FWHM	137.0°
Efficiency	94 %
Peak intensity	0.320 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (MEASURED):

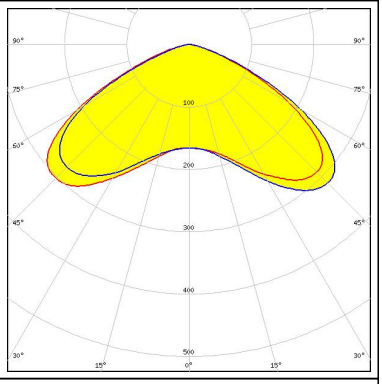
OSRAM
Opto Semiconductors

LED	Duris S8
FWHM	131.0°
Efficiency	94 %
Peak intensity	0.330 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



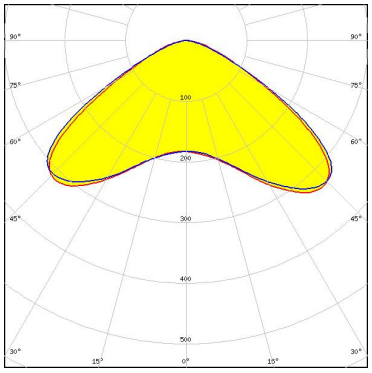
OSRAM
Opto Semiconductors

LED	Oslon Square Gen3
FWHM	137.0°
Efficiency	94 %
Peak intensity	0.320 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



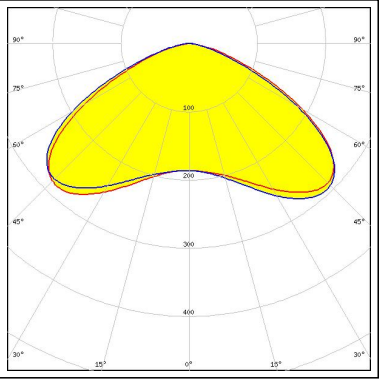
OSRAM
Opto Semiconductors

LED	Oslon Square PC
FWHM	130.0°
Efficiency	94 %
Peak intensity	0.330 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHILIPS

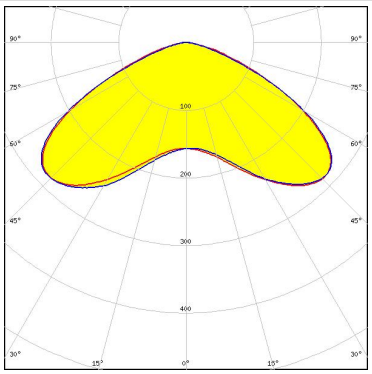
LED	Fortimo FastFlex LED 2x8 DA G4
FWHM	136.0°
Efficiency	94 %
Peak intensity	0.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (MEASURED):

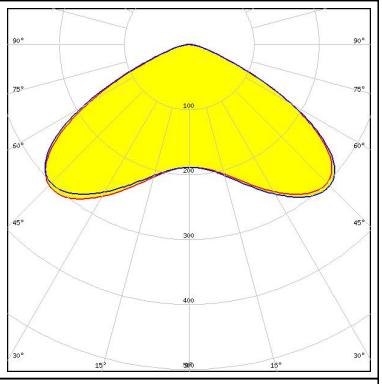
PHILIPS

LED	Fortimo FastFlex LED 2x8 DAX G4
FWHM	141.0°
Efficiency	94 %
Peak intensity	0.290 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



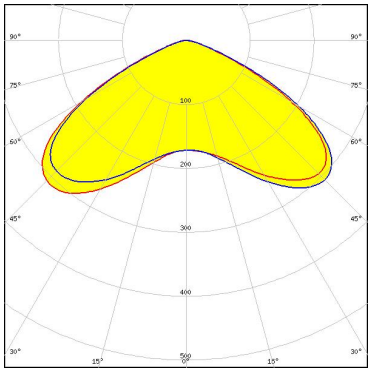
SAMSUNG

LED	HiLOM RH16 (LH351C)
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.310 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



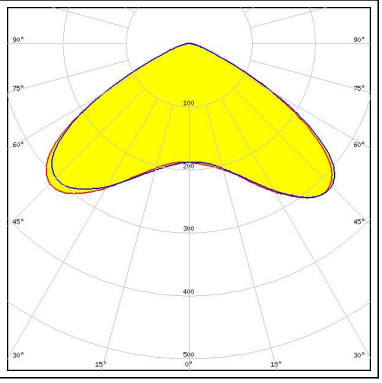
SAMSUNG

LED	LH351B
FWHM	134.0°
Efficiency	94 %
Peak intensity	0.310 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

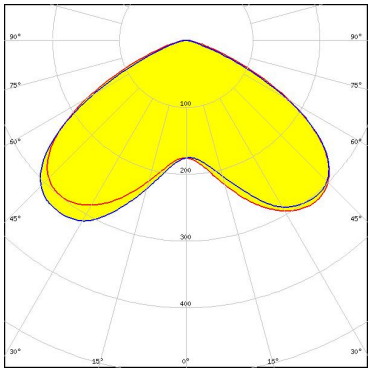
LED	LH351Z
FWHM	127.0°
Efficiency	94 %
Peak intensity	0.320 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (MEASURED):

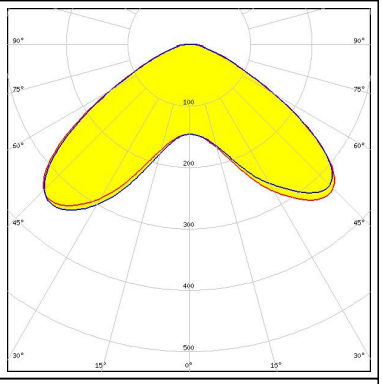
SAMSUNG

LED	LH508A
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.320 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



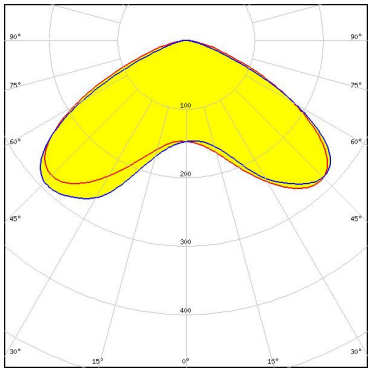
SEOUL SEMICONDUCTOR

LED	Z8Y22
FWHM	117.0°
Efficiency	94 %
Peak intensity	0.340 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



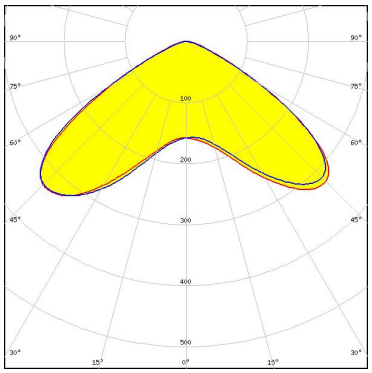
SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM	136.0°
Efficiency	94 %
Peak intensity	0.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



TOSHIBA
Leading Innovation

LED	TL1L4
FWHM	119.0°
Efficiency	92 %
Peak intensity	0.340 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



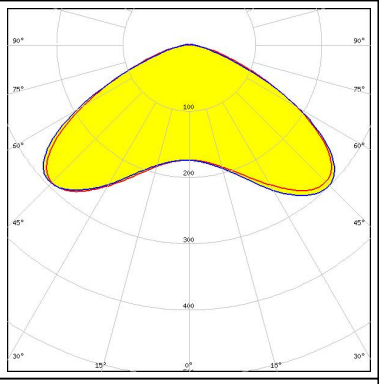
PHOTOMETRIC DATA (MEASURED):

TRIDONIC

LED	RLE 2x4 2000lm HP EXC2 OTD
FWHM	137.0°
Efficiency	94 %
Peak intensity	0.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

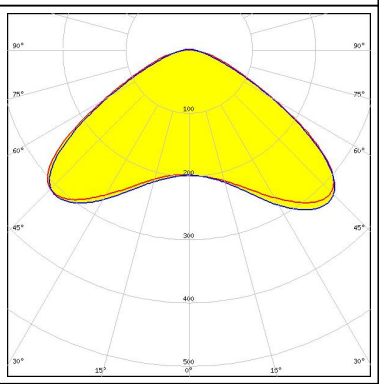
TRIDONIC

LED	RLE 2x8 4000lm HP EXC2 OTD
FWHM	137.0°
Efficiency	94 %
Peak intensity	0.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



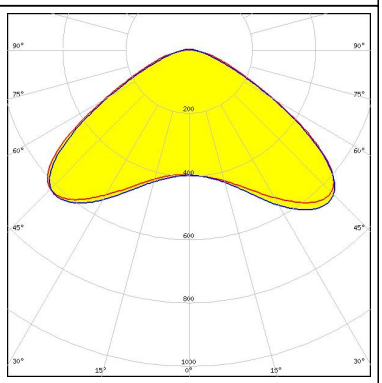
TRIDONIC

LED	RLE G1 49x121mm 2000lm xxx EXC OTD
FWHM	129.0°
Efficiency	94 %
Peak intensity	0.330 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



TRIDONIC

LED	RLE G1 49x133mm 2000lm xxx EXC OTD
FWHM	129.0°
Efficiency	94 %
Peak intensity	0.330 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

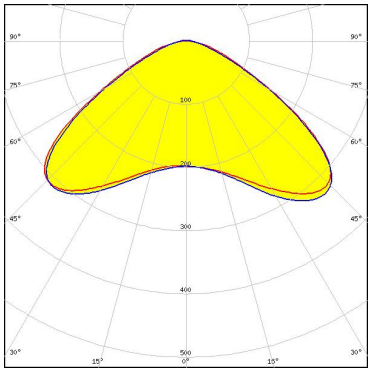


PHOTOMETRIC DATA (MEASURED):

TRIDONIC

LED	RLE G1 49x223mm 4000lm xxx EXC OTD
FWHM	129.0°
Efficiency	94 %
Peak intensity	0.330 cd/lm
LEDs/each optic	1
Light colour	White

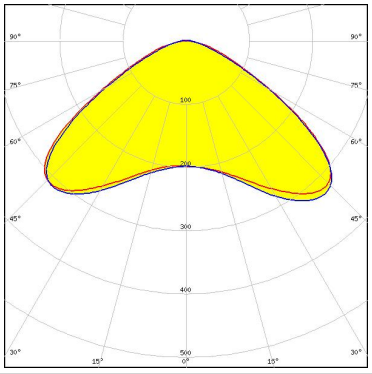
Required components:



TRIDONIC

LED	RLE G1 49x245mm 4000lm xxx EXC OTD
FWHM	129.0°
Efficiency	94 %
Peak intensity	0.330 cd/lm
LEDs/each optic	1
Light colour	White

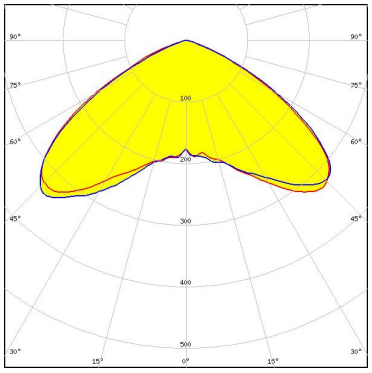
Required components:



PHOTOMETRIC DATA (SIMULATED):

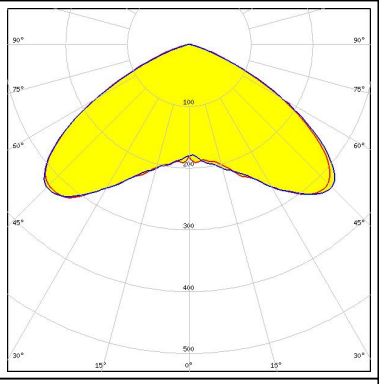
LUMILEDS

LED	LUXEON 3030 2D (Round LES)
FWHM	119.0°
Efficiency	94 %
Peak intensity	0.340 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



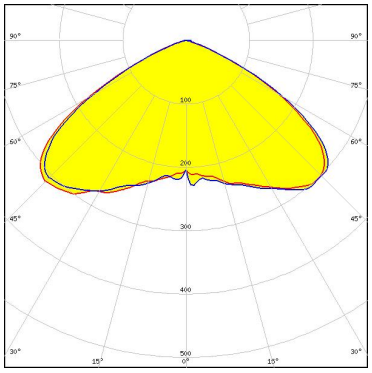
LUMILEDS

LED	LUXEON 3030 2D (Square LES)
FWHM	121.0°
Efficiency	94 %
Peak intensity	0.330 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



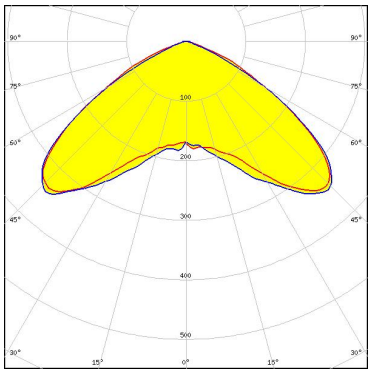
NICHIA

LED	NVSW219D
FWHM	120.0°
Efficiency	94 %
Peak intensity	0.320 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

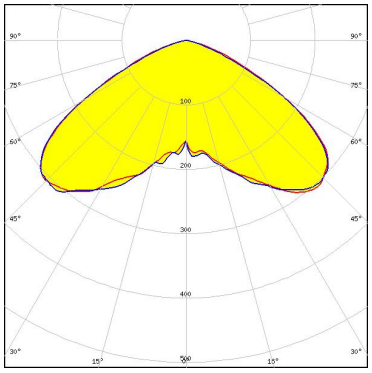
LED	NVSxE21A
FWHM	118.0°
Efficiency	94 %
Peak intensity	0.350 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

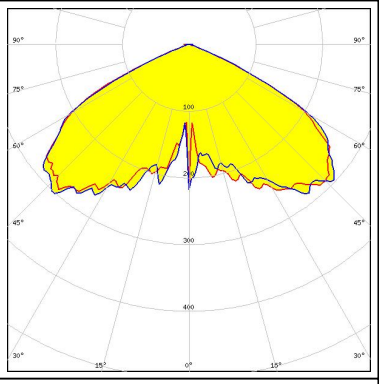
OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (3W version)
FWHM	116.0°
Efficiency	94 %
Peak intensity	0.310 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



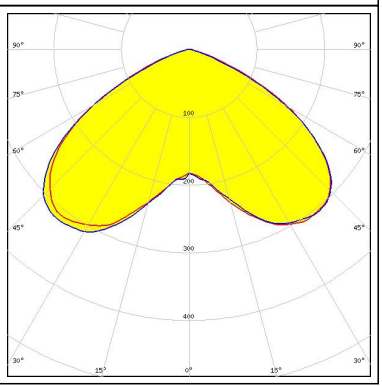
SAMSUNG

LED	LH351D
FWHM	123.0°
Efficiency	91 %
Peak intensity	0.310 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	SEOUL DC 5050 6V
FWHM	112.0°
Efficiency	94 %
Peak intensity	0.320 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:

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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