STRADA-2X2-A-T

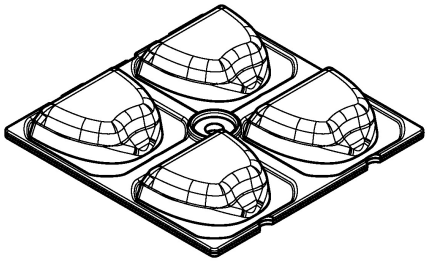
Short IESNA Type II beam for narrow roads or high poles with extremely low glare

TECHNICAL SPECIFICATIONS:

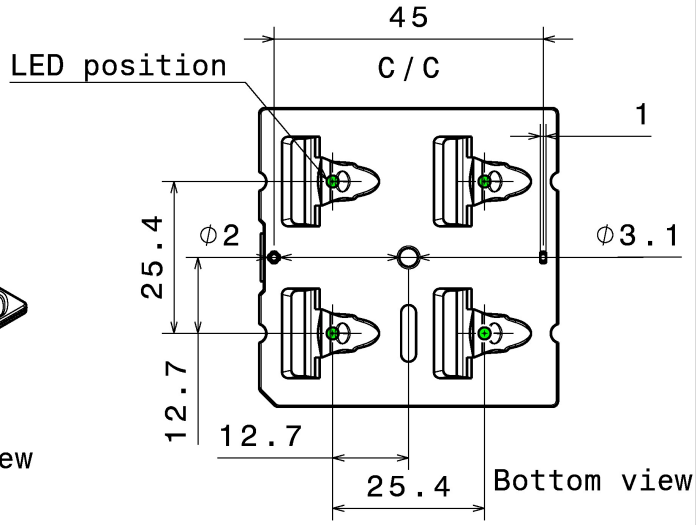
Dimensions	50.0 mm
Height	7.3 mm
Fastening	glue, pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.8 kg
Quantity in Box	800 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

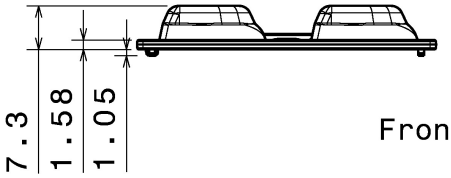
Component	Type	Material	Colour
STRADA-2X2-A-T	Lens array	PMMA	clear



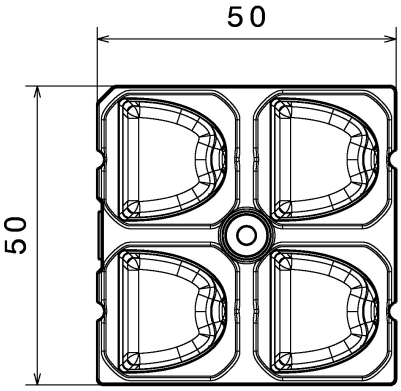
Isometric view



Bottom view



Front view



Top view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C12419	STRADA-2X2-A-T	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
Control for SPC marked dimensions.

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
C12419_STRADA-2X2-A-T

SIZE A4

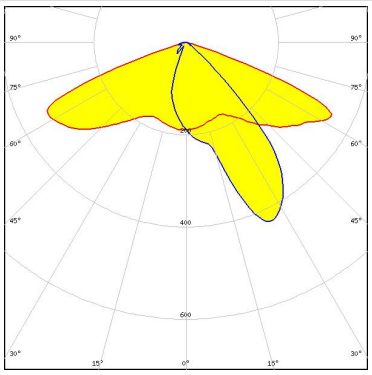
PART NUMBER
C12419

SCALE 1:1 | WEIGHT 7,5 g | SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

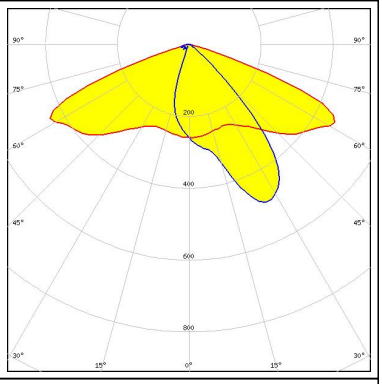
CREE

LED	XM-L
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.420 cd/lm
Required components:	



CREE

LED	XM-L2
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.700 cd/lm
Required components:	

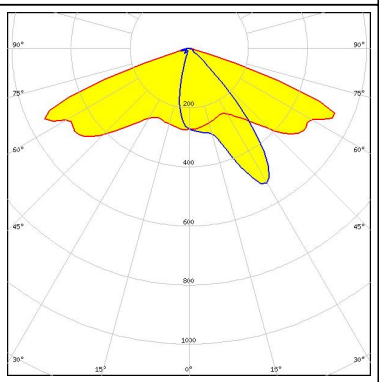


CREE

LED	XP-G
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.450 cd/lm
Required components:	

CREE

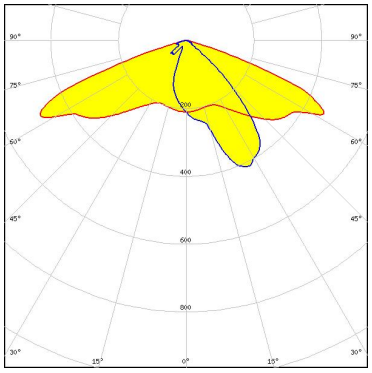
LED	XP-G2
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.900 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

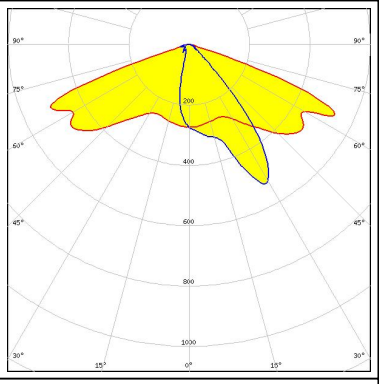
CREE

LED	XP-L
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.670 cd/lm
Required components:	



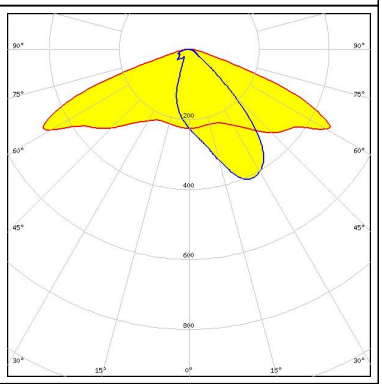
CREE

LED	XP-L HI
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.890 cd/lm
Required components:	



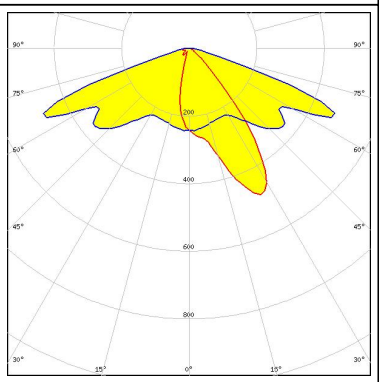
CREE

LED	XP-L2
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.610 cd/lm
Required components:	



CREE

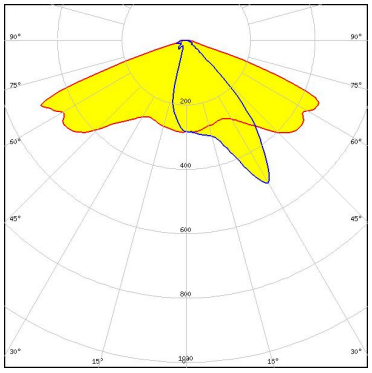
LED	XT-E
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.470 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

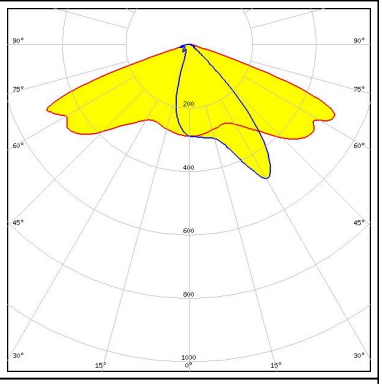
LG Innotek

LED	H35C0 (LEMWA33)
FWHM	Asymmetric
Efficiency	96 %
Peak intensity	0.850 cd/lm
Required components:	



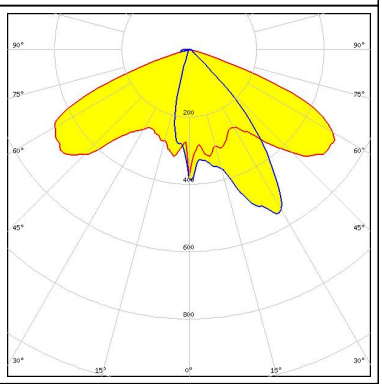
LG Innotek

LED	H35C1 (LEMWA33)
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.790 cd/lm
Required components:	



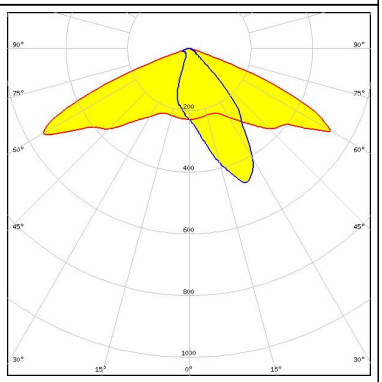
LUMILEDS

LED	LUXEON H50-2
FWHM	Asymmetric
Efficiency	0 %
Peak intensity	0.000 cd/lm
Required components:	



LUMILEDS

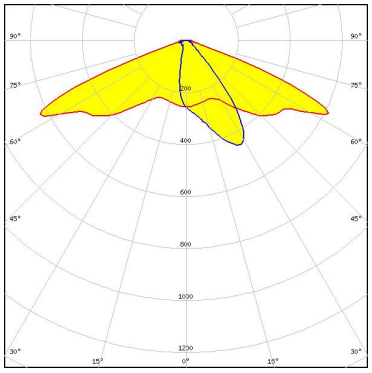
LED	LUXEON MZ
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.760 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

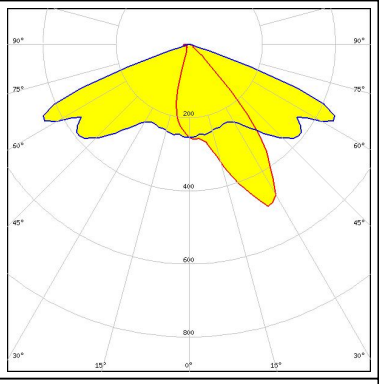
LUMILEDS

LED	LUXEON Q
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.800 cd/lm
Required components:	



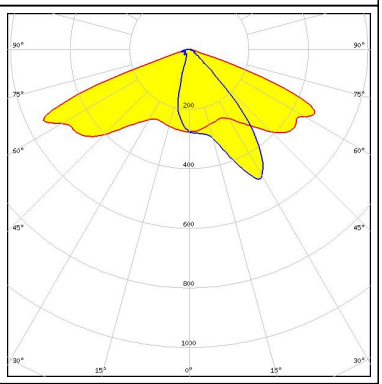
LUMILEDS

LED	LUXEON Rebel ES
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.450 cd/lm
Required components:	



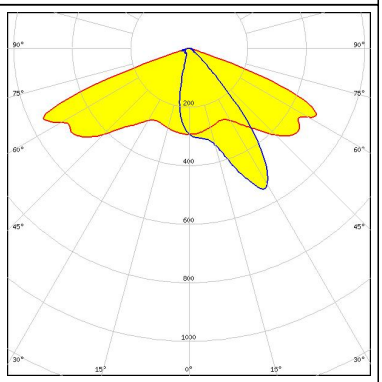
LUMILEDS

LED	LUXEON T
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.800 cd/lm
Required components:	



LUMILEDS

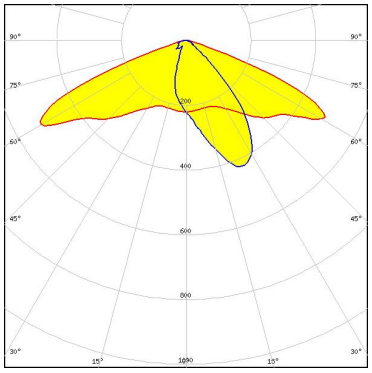
LED	LUXEON TX
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.920 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

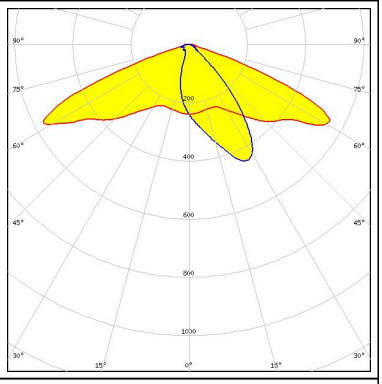
NICHIA

LED	NS9x383
FWHM	Asymmetric
Efficiency	95 %
Peak intensity	0.680 cd/lm
Required components:	



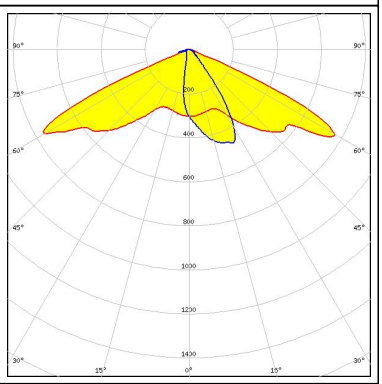
NICHIA

LED	NVSW3x9A
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.730 cd/lm
Required components:	



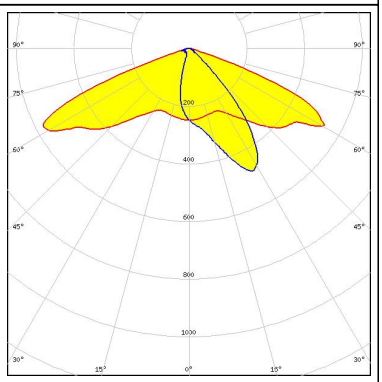
NICHIA

LED	NVSxE21A
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.880 cd/lm
Required components:	



NICHIA

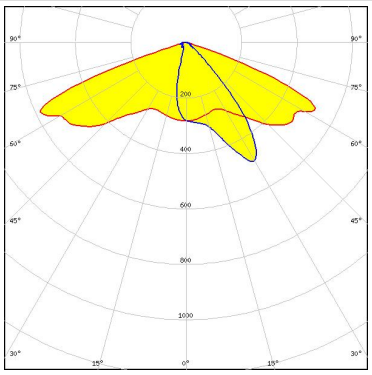
LED	NVSxx19B/NVSxx19C
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.760 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

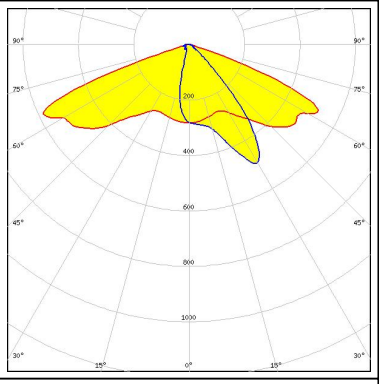
OSRAM

LED	PrevaLED Brick DC 2x8
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.800 cd/lm
Required components:	



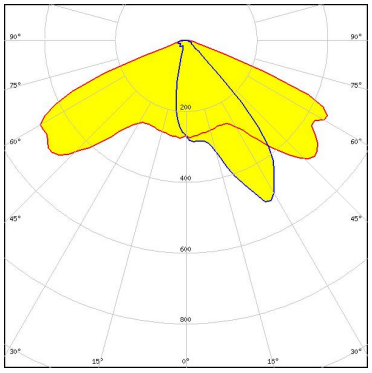
OSRAM
Opto Semiconductors

LED	Oslon Square Gen3
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.800 cd/lm
Required components:	



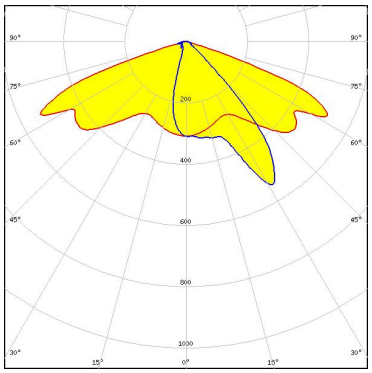
OSRAM
Opto Semiconductors

LED	Oslon Square PC
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.800 cd/lm
Required components:	



PHILIPS

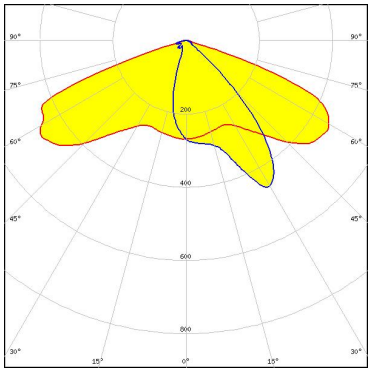
LED	Fortimo FastFlex LED board 2x8 DA G4
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.890 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

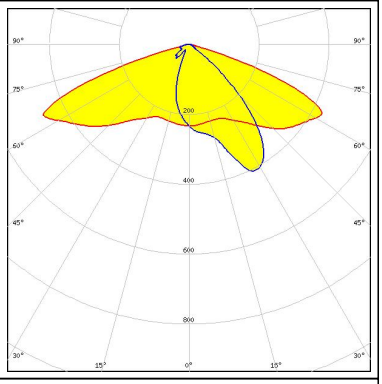
SAMSUNG

LED	LH351B
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.730 cd/lm
Required components:	



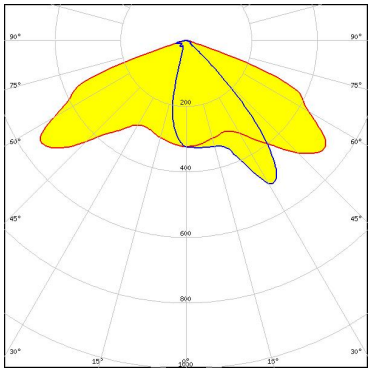
SAMSUNG

LED	LH351D
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.620 cd/lm
Required components:	



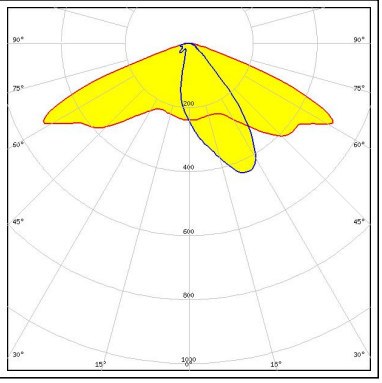
SAMSUNG

LED	LH351Z
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.790 cd/lm
Required components:	



SEOUL SEMICONDUCTOR

LED	Acrich MJT 4040
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.730 cd/lm
Required components:	



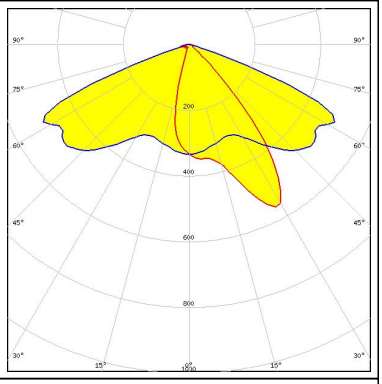
PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

LED	Z5
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	cd/lm
Required components:	

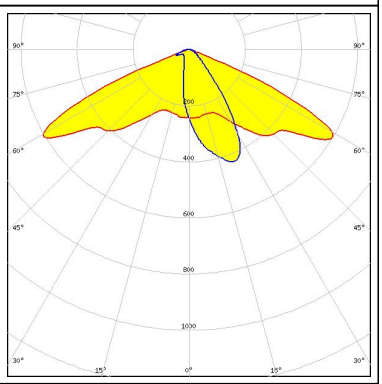
SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.800 cd/lm
Required components:	



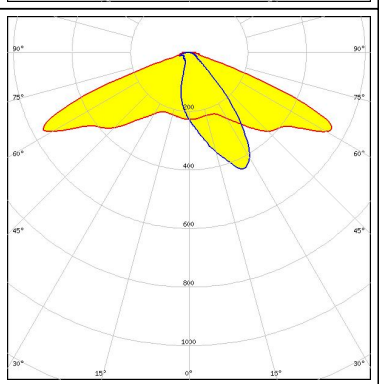
SEOUL SEMICONDUCTOR

LED	Z8Y22
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.850 cd/lm
Required components:	



SEOUL SEMICONDUCTOR

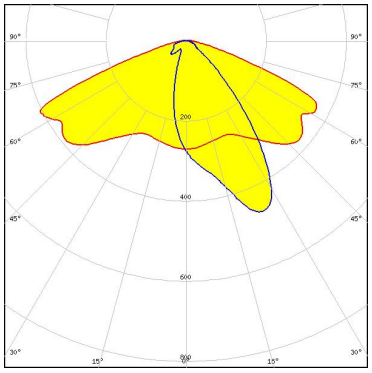
LED	Z8Y22P
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.760 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

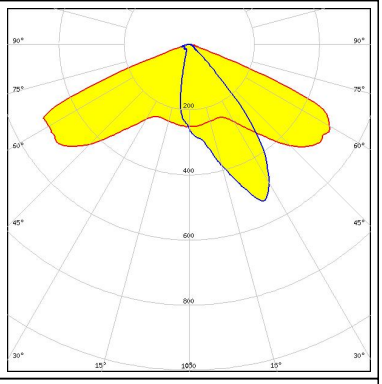
TOSHIBA
Leading Innovation

LED	TL1L3
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.680 cd/lm
Required components:	



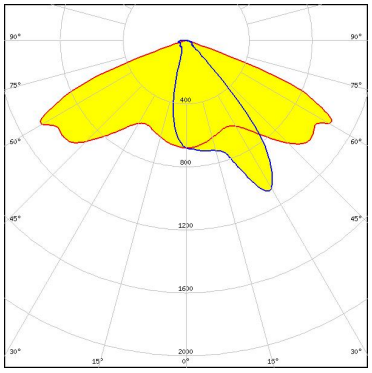
TOSHIBA
Leading Innovation

LED	TL1L4
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.850 cd/lm
Required components:	



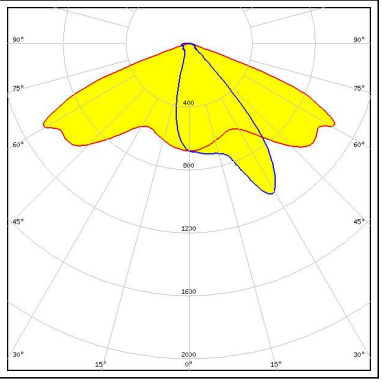
TRIDONIC

LED	RLE G1 49x121mm 2000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.790 cd/lm
Required components:	



TRIDONIC

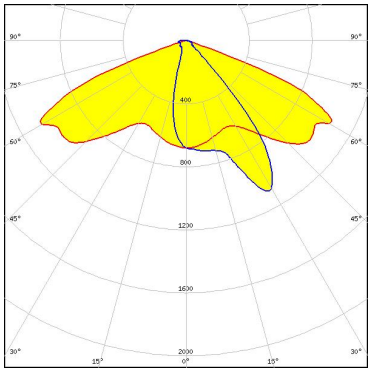
LED	RLE G1 49x133mm 2000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.790 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

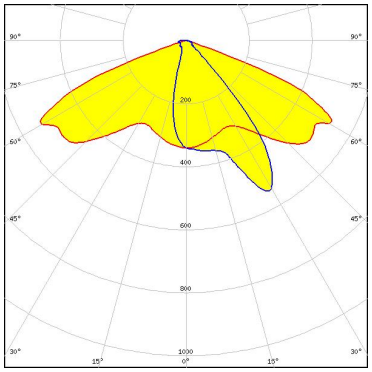
TRIDONIC

LED	RLE G1 49x223mm 4000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.790 cd/lm
Required components:	



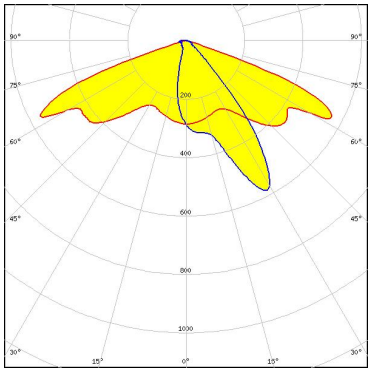
TRIDONIC

LED	RLE G1 49x245mm 4000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.790 cd/lm
Required components:	



TRIDONIC

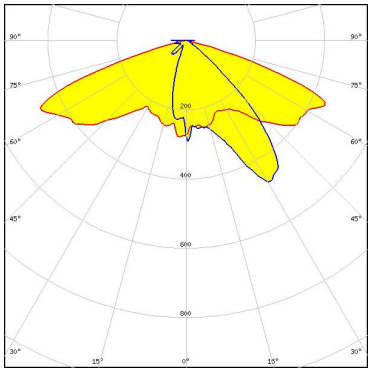
LED	RLE G2 HP 2x8 4000lm
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.000 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

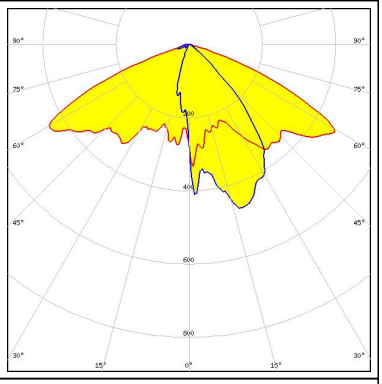
CREE

LED	XP-G3
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.700 cd/lm
Required components:	



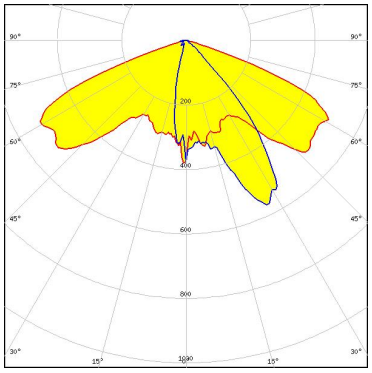
OSRAM
Opto Semiconductors

LED	Duris S8
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.660 cd/lm
Required components:	



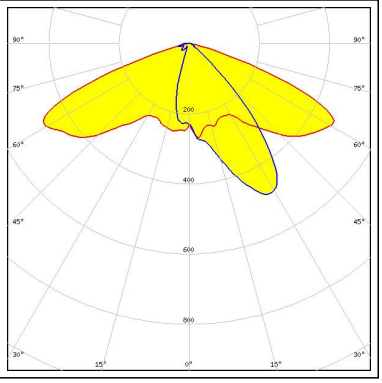
OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (2W version)
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.900 cd/lm
Required components:	



OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (3W version)
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.680 cd/lm
Required components:	



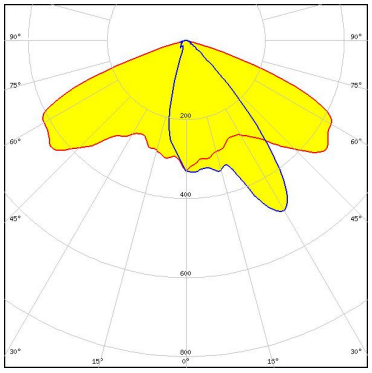
PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	Oslon Square Gen3
FWHM	Asymmetric
Efficiency	87 %
Peak intensity	0.720 cd/lm

Required components:

Undefined Manufacturer: Protective Plate, Glass

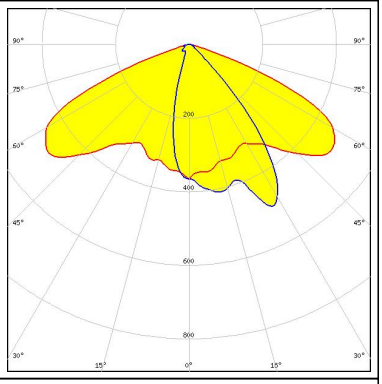


OSRAM
Opto Semiconductors

LED	Oslon Square PC
FWHM	Asymmetric
Efficiency	89 %
Peak intensity	0.630 cd/lm

Required components:

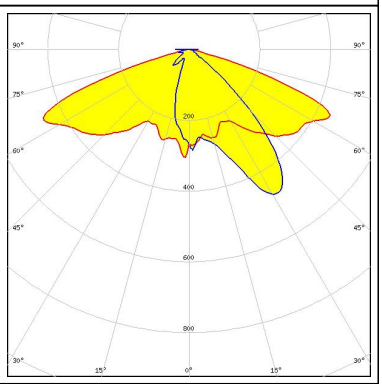
Undefined Manufacturer: Protective Plate, Glass



PHILIPS

LED	Fortimo FastFlex LED board 2x8 DAX G4
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.000 cd/lm

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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