STRADA-2X2-T4

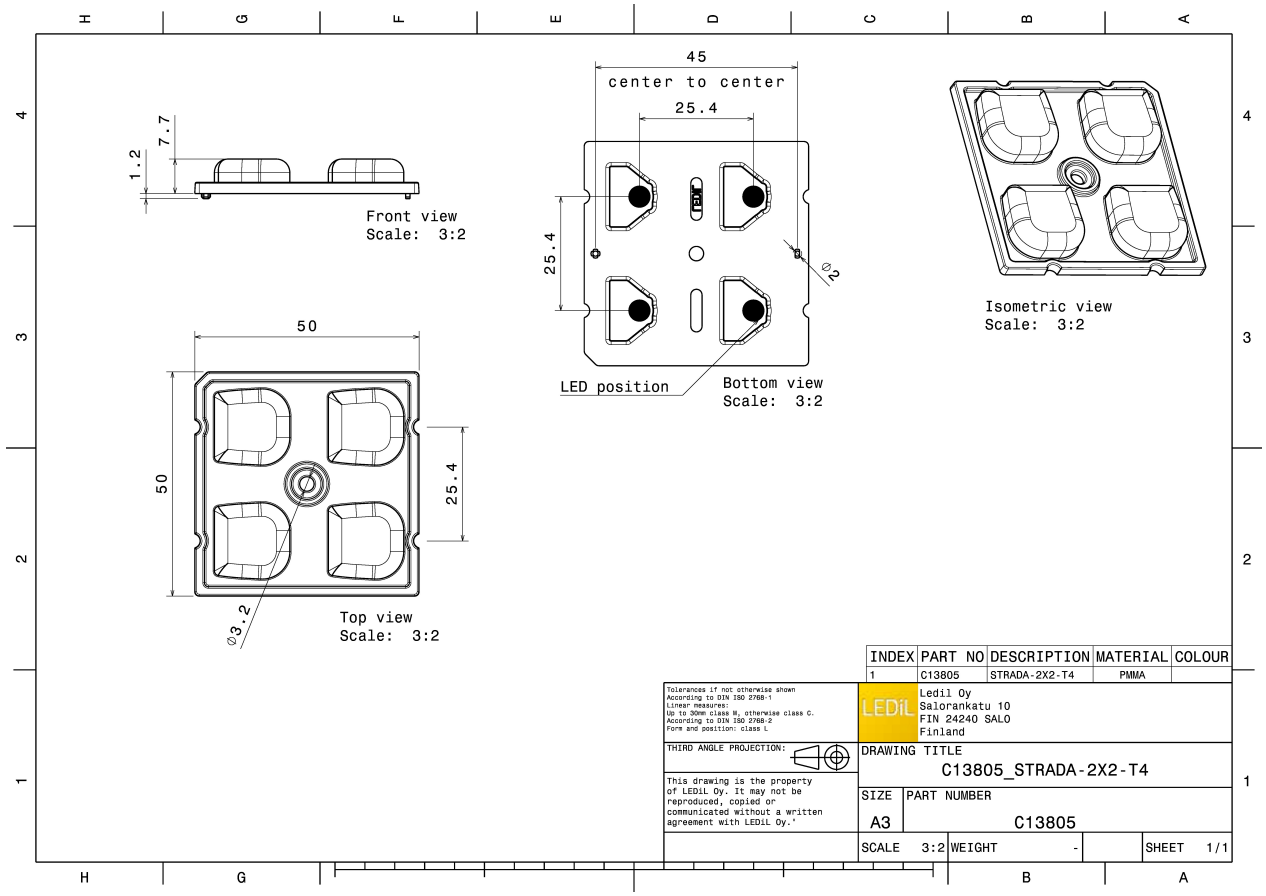
IESNA Type IV beam for wider roads and large outdoor area

TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	7.7 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.7 kg
Quantity in Box	800 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

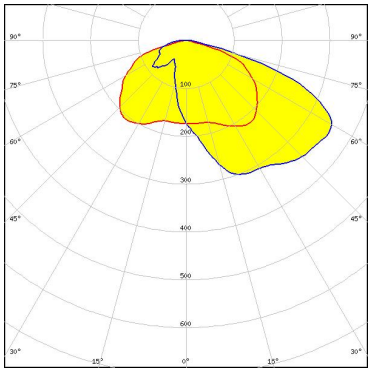
Component	Type	Material	Colour
STRADA-2X2-T4	Lens	PMMA	clear



PHOTOMETRIC DATA (MEASURED):

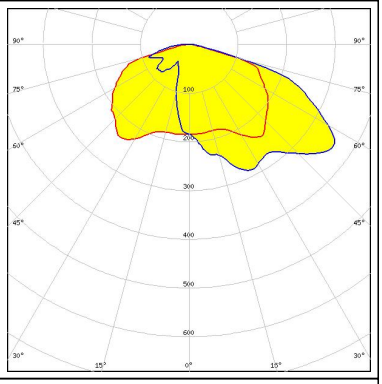
CREE

LED	XM-L
FWHM	Asymmetric
Efficiency	95 %
Peak intensity	0.630 cd/lm
Required components:	



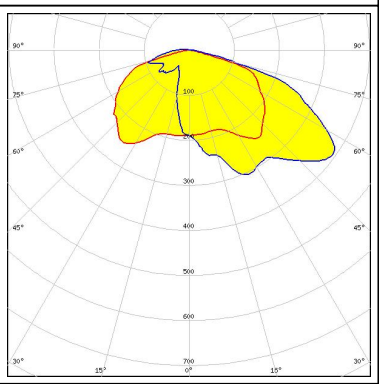
CREE

LED	XP-G
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.500 cd/lm
Required components:	



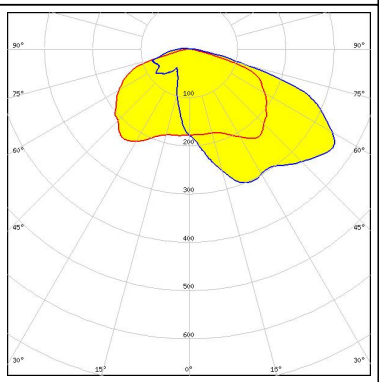
CREE

LED	XP-G2
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.570 cd/lm
Required components:	



CREE

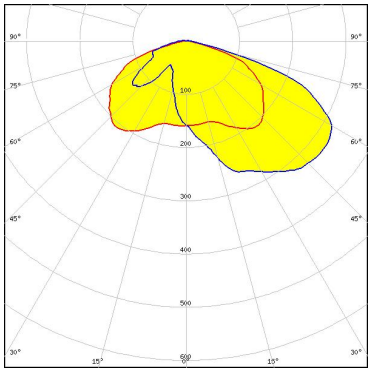
LED	XP-G3
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.600 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

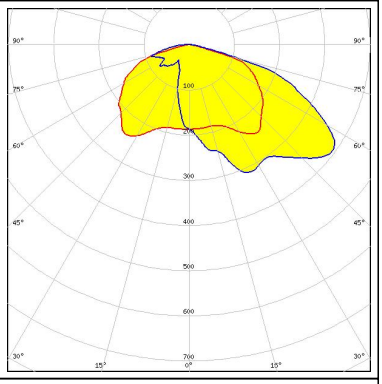
CREE

LED	XP-L
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.520 cd/lm
Required components:	



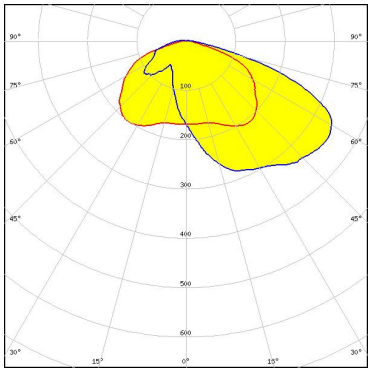
CREE

LED	XP-L HI
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.560 cd/lm
Required components:	



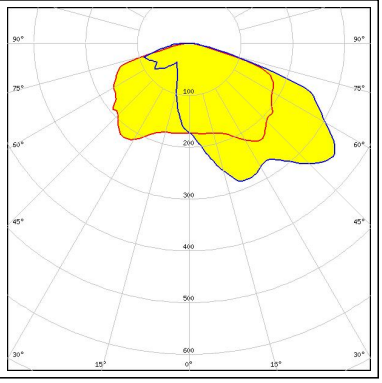
CREE

LED	XP-L2
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.540 cd/lm
Required components:	



CREE

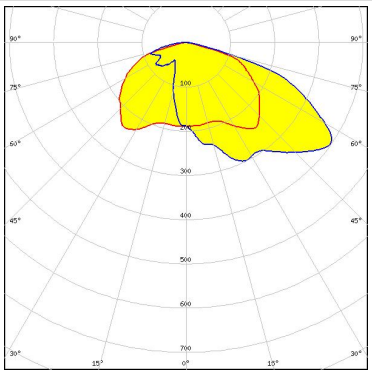
LED	XT-E
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.500 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

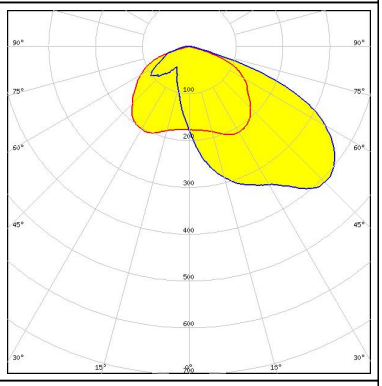
LG Innotek

LED	H35C1 (LEMWA33)
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.600 cd/lm
Required components:	



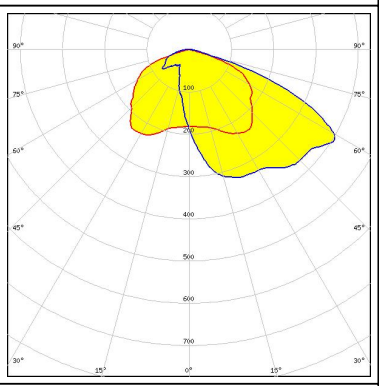
LUMILEDS

LED	LUXEON 5050
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.510 cd/lm
Required components:	



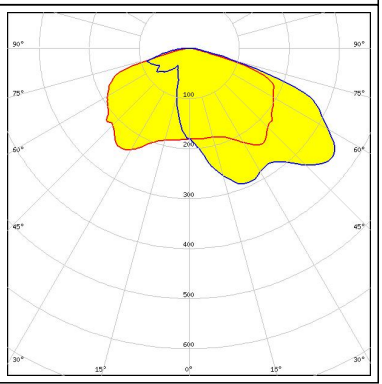
LUMILEDS

LED	LUXEON MZ
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.640 cd/lm
Required components:	



LUMILEDS

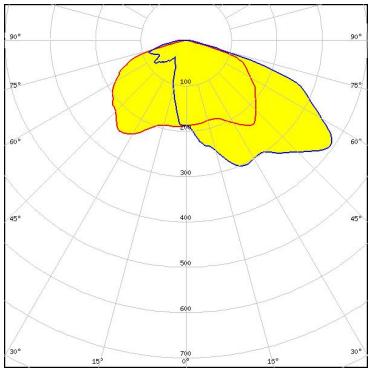
LED	LUXEON Q
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.600 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

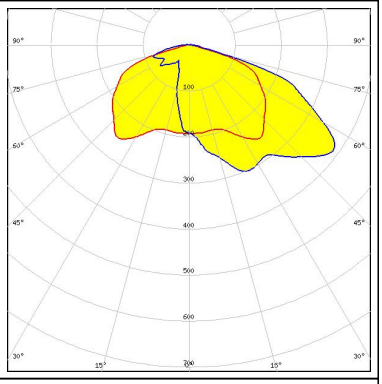
LUMILEDS

LED	LUXEON T
FWHM	Asymmetric
Efficiency	95 %
Peak intensity	0.600 cd/lm
Required components:	



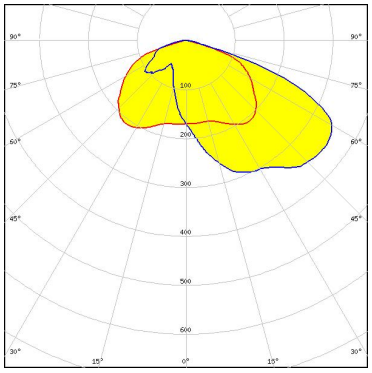
LUMILEDS

LED	LUXEON TX
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.590 cd/lm
Required components:	



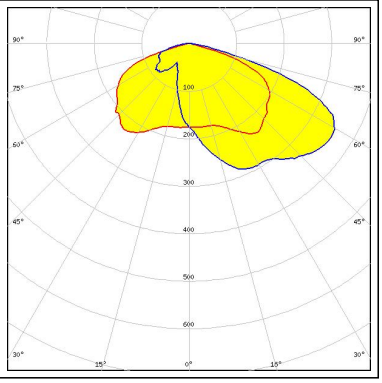
LUMILEDS

LED	LUXEON V
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.560 cd/lm
Required components:	



NICHIA

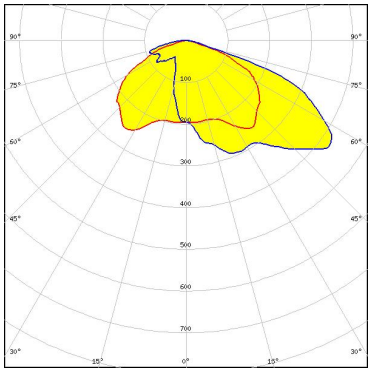
LED	NVSW3x9A
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.640 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

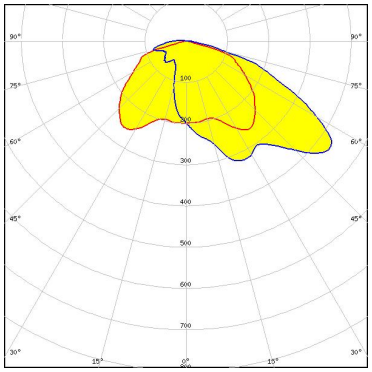
OSRAM
Opto Semiconductors

LED	Oslon Square PC
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.600 cd/lm
Required components:	



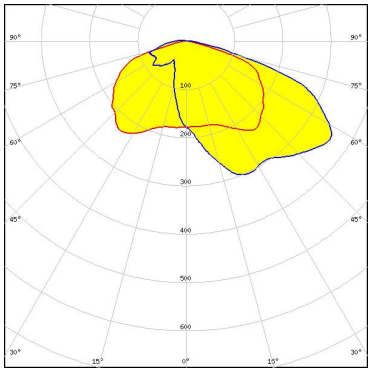
PHILIPS

LED	Fortimo FastFlex LED board 2x8 DA G4
FWHM	Asymmetric
Efficiency	%
Peak intensity	0.580 cd/lm
Required components:	



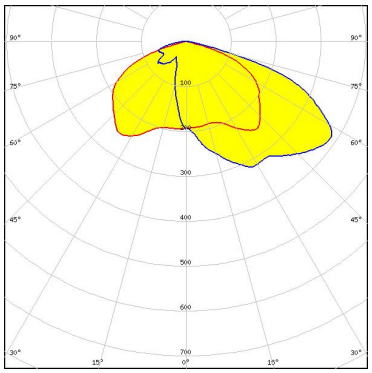
PHILIPS

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



SAMSUNG

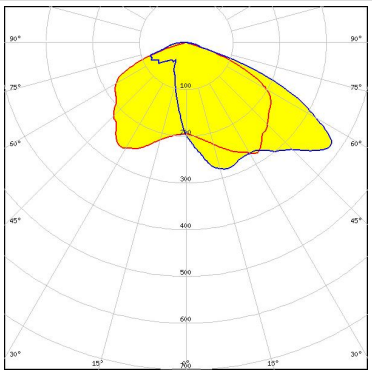
LED	LH351B
FWHM	Asymmetric
Efficiency	%
Peak intensity	0.600 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

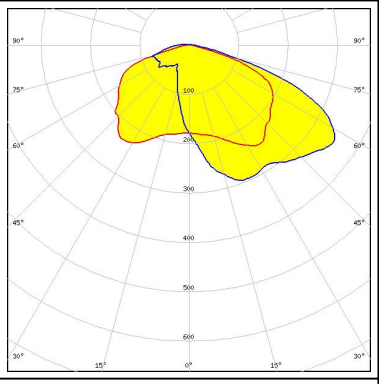
SEOUL SEMICONDUCTOR

LED	Z8Y22
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.690 cd/lm
Required components:	



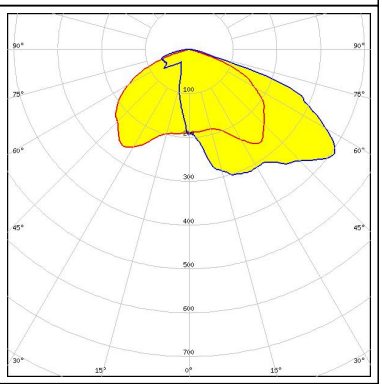
SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.630 cd/lm
Required components:	



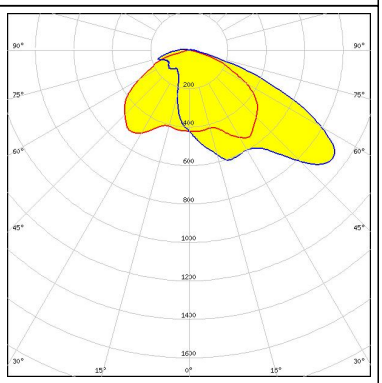
TOSHIBA
Leading Innovation

LED	TL1L4
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.590 cd/lm
Required components:	



TRIDONIC

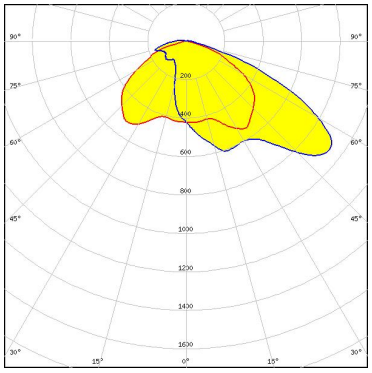
LED	RLE G1 49x121mm 2000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.600 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

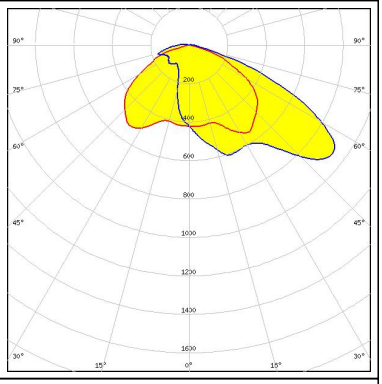
TRIDONIC

LED	RLE G1 49x133mm 2000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.600 cd/lm
Required components:	



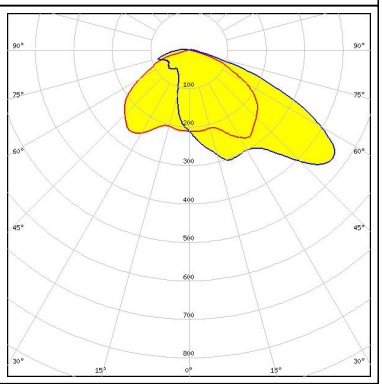
TRIDONIC

LED	RLE G1 49x223mm 4000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.600 cd/lm
Required components:	



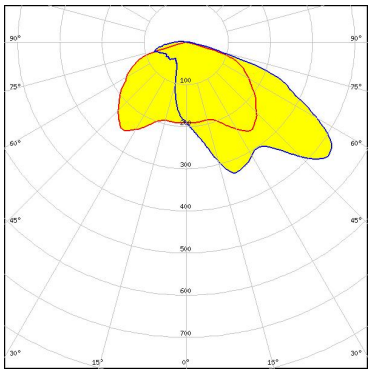
TRIDONIC

LED	RLE G1 49x245mm 4000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.600 cd/lm
Required components:	



TRIDONIC

LED	RLE G2 HP 2x8 4000lm
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.600 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

CREE

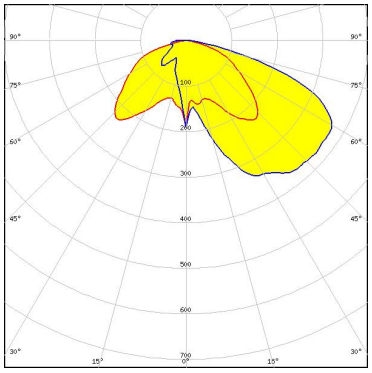
LED	XHP35 HD
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	cd/lm
Required components:	

CREE

LED	XHP35 HI
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	cd/lm
Required components:	

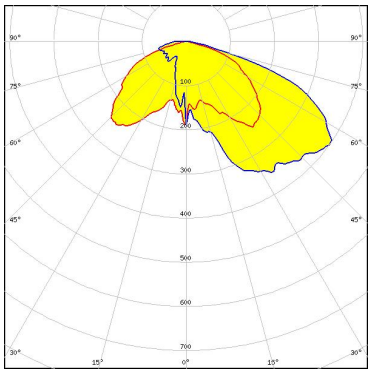
CREE

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



NICHIA

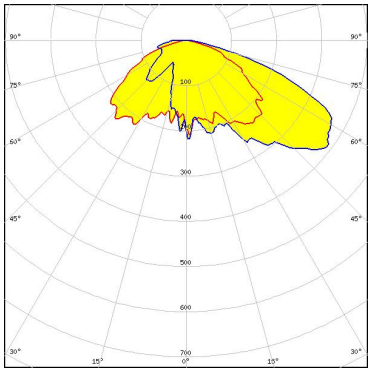
LED	NVSxx19B/NVSxx19C
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.603 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

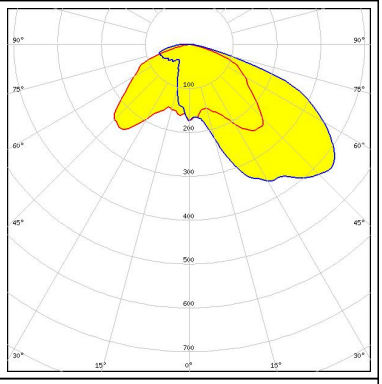
OSRAM

LED	PrevaLED Brick DC 2x8
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.510 cd/lm
Required components:	



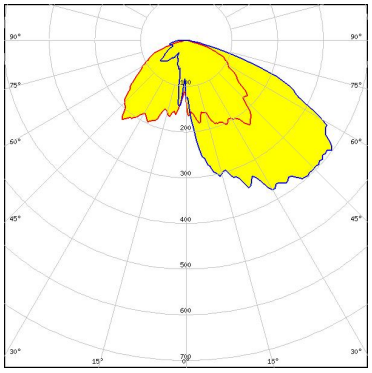
OSRAM
Opto Semiconductors

LED	Duris S5 (2 chip)
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.540 cd/lm
Required components:	



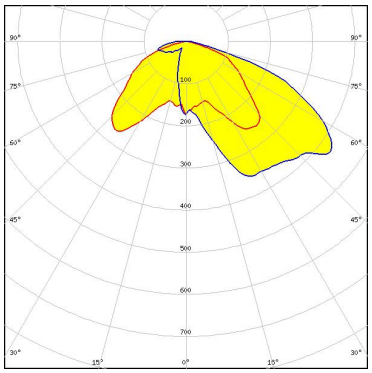
OSRAM
Opto Semiconductors

LED	Duris S8
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.500 cd/lm
Required components:	



OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (2W version)
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.570 cd/lm
Required components:	

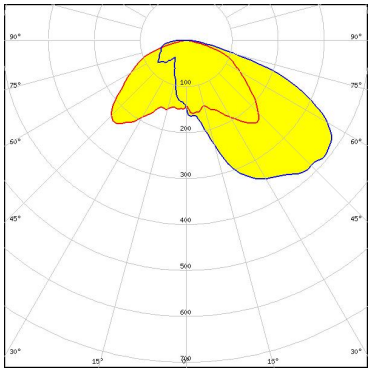


PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors

LED	OSCONIQ P 3737 (3W version)
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.500 cd/lm

Required components:

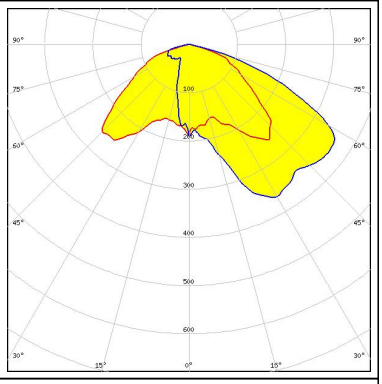


OSRAM Opto Semiconductors

LED	Oslon Square Gen3
FWHM	Asymmetric
Efficiency	82 %
Peak intensity	0.450 cd/lm

Required components:

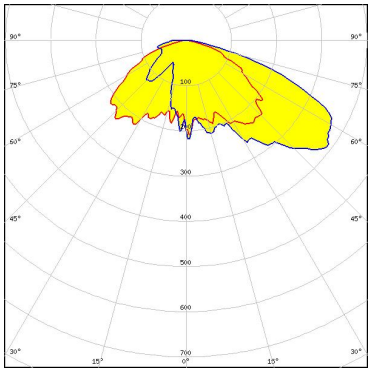
Undefined Manufacturer: Protective Plate, Glass



OSRAM Opto Semiconductors

LED	Oslon Square Gen3
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.510 cd/lm

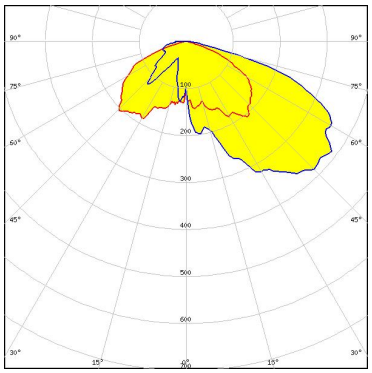
Required components:



SAMSUNG

LED	LH351D
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.480 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:

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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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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