STRADA-2X2-C-STP

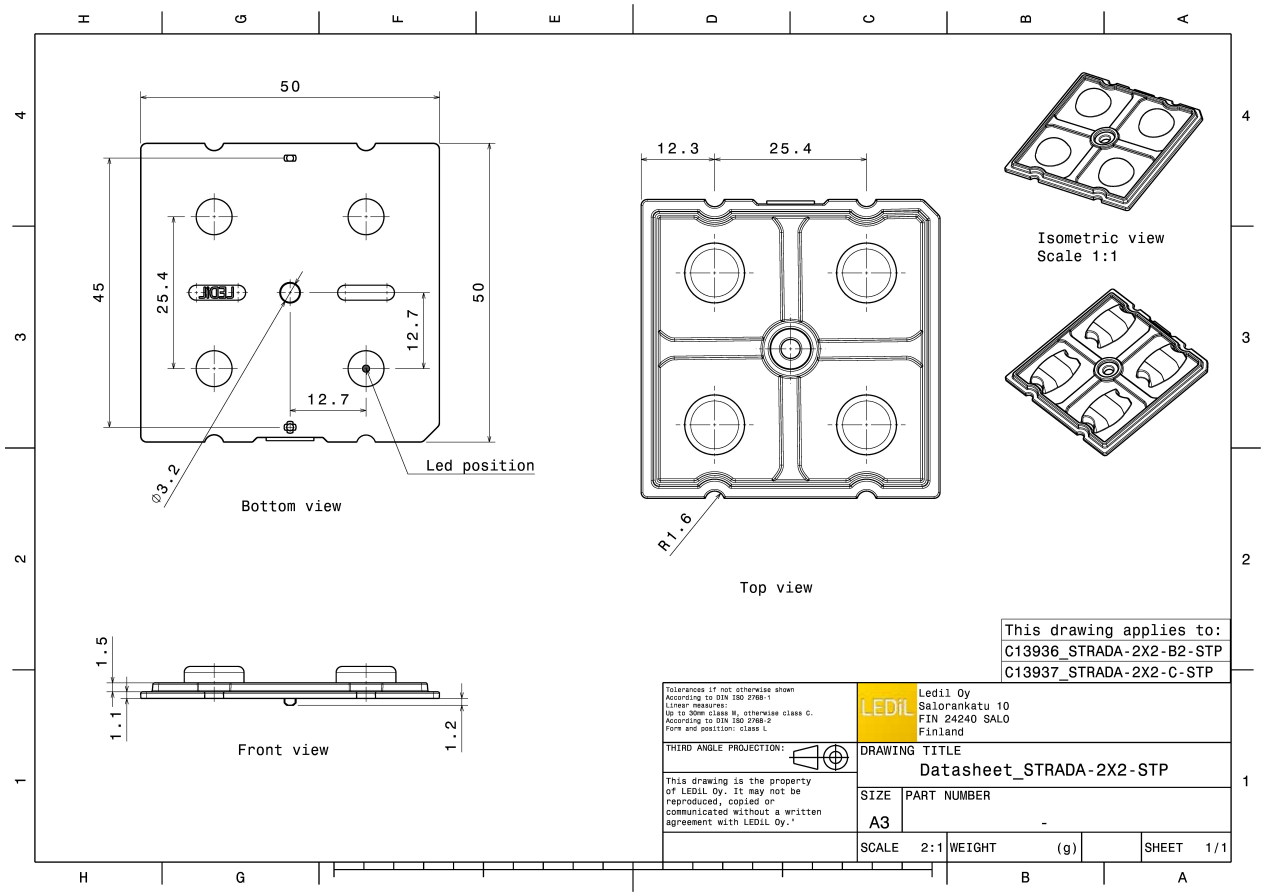
Beam for area and street lighting such as parks and pedestrian walkways

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:

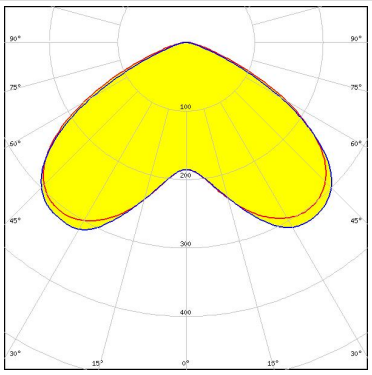
Component	Type	Material	Colour
STRADA-2X2-C-STP	Lens	PMMA	clear



PHOTOMETRIC DATA (MEASURED):

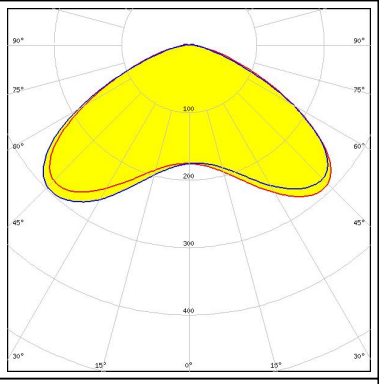
bridgelux

LED	SMD 5050
FWHM	131.0°
Efficiency	94 %
Peak intensity	0.320 cd/lm
Required components:	



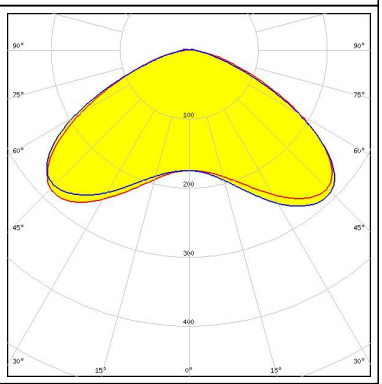
COMET ELECTRONICS

LED	QUICK FLUX XTP 2x4 xxx LS G5
FWHM	138.0°
Efficiency	94 %
Peak intensity	0.300 cd/lm
Required components:	



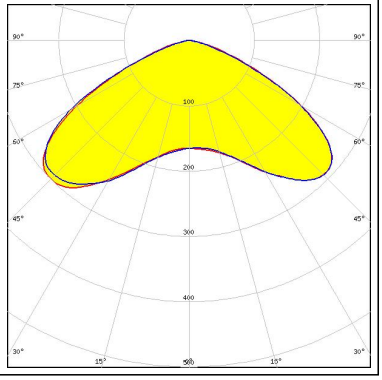
COMET ELECTRONICS

LED	QUICK FLUX XTP 2x6 xxx LS G5
FWHM	138.0°
Efficiency	94 %
Peak intensity	0.300 cd/lm
Required components:	



CREE

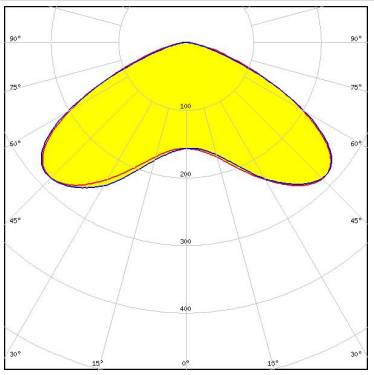
LED	XP-G2
FWHM	137.0°
Efficiency	94 %
Peak intensity	0.300 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

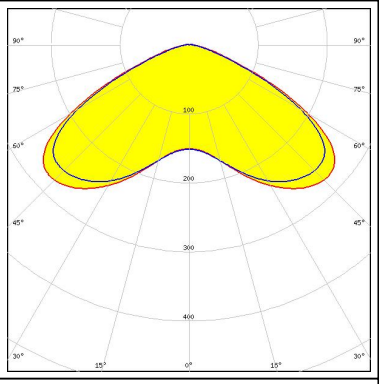
CREE

LED	XP-G3
FWHM	141.0°
Efficiency	94 %
Peak intensity	0.290 cd/lm
Required components:	



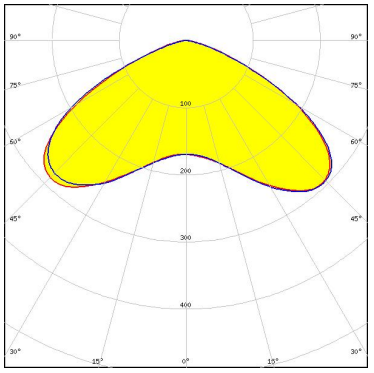
CREE

LED	XP-L
FWHM	139.0°
Efficiency	92 %
Peak intensity	0.280 cd/lm
Required components:	



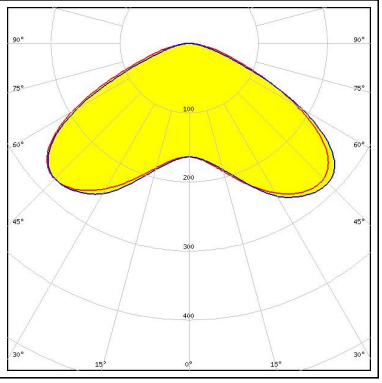
CREE

LED	XP-L HI
FWHM	136.0°
Efficiency	94 %
Peak intensity	0.300 cd/lm
Required components:	



CREE

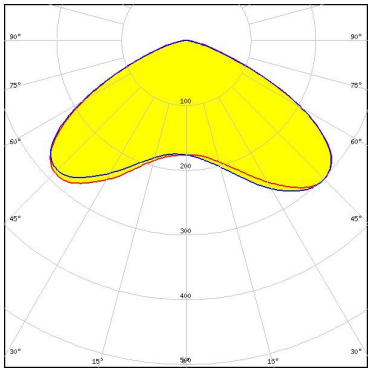
LED	XP-L2
FWHM	139.0°
Efficiency	94 %
Peak intensity	0.290 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

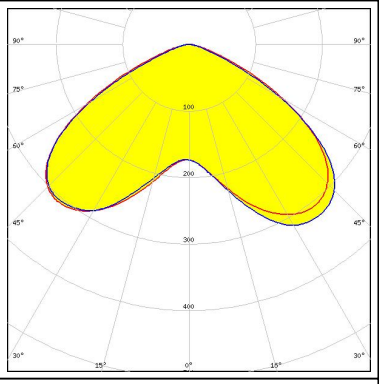
LG Innotek

LED	H35C1 (LEMWA33)
FWHM	136.0°
Efficiency	94 %
Peak intensity	0.310 cd/lm
Required components:	



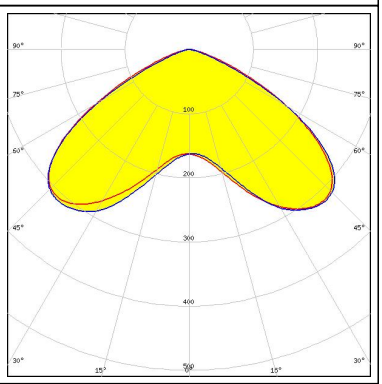
LUMILEDS

LED	LUXEON 5050
FWHM	133.0°
Efficiency	94 %
Peak intensity	0.320 cd/lm
Required components:	



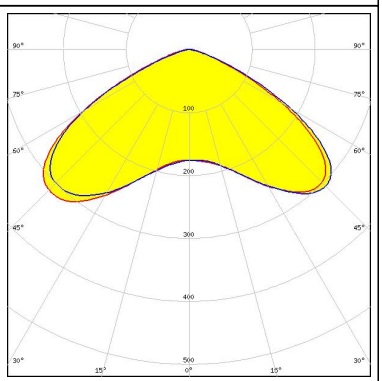
LUMILEDS

LED	LUXEON MZ
FWHM	133.0°
Efficiency	94 %
Peak intensity	0.320 cd/lm
Required components:	



LUMILEDS

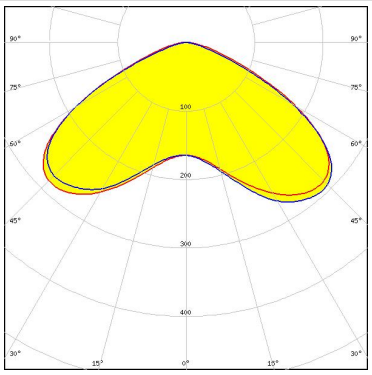
LED	LUXEON TX
FWHM	133.0°
Efficiency	94 %
Peak intensity	0.320 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

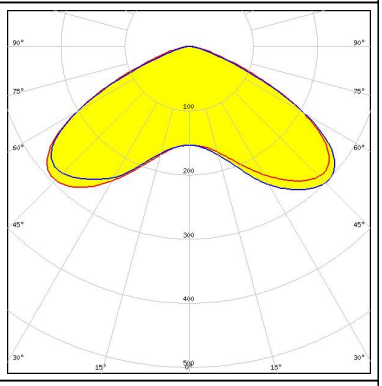
LUMILEDS

LED	LUXEON V
FWHM	136.0°
Efficiency	94 %
Peak intensity	0.290 cd/lm
Required components:	



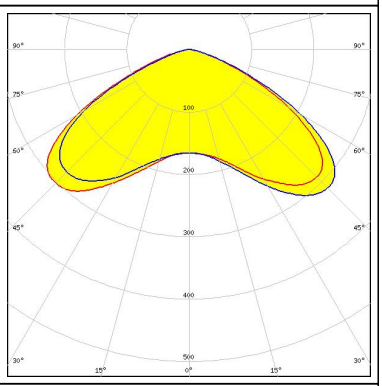
NICHIA

LED	NVSW3x9A
FWHM	138.0°
Efficiency	94 %
Peak intensity	0.300 cd/lm
Required components:	



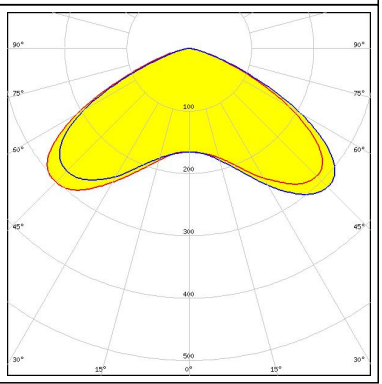
OSRAM

LED	PrevaLED Brick DC 2x8
FWHM	137.0°
Efficiency	94 %
Peak intensity	0.320 cd/lm
Required components:	



OSRAM
Opto Semiconductors

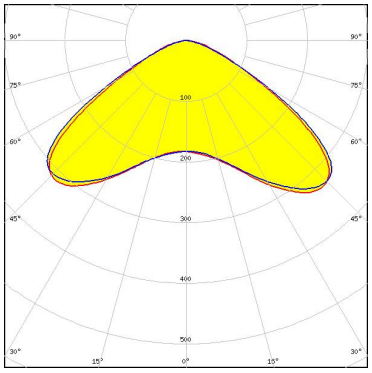
LED	Oslon Square Gen3
FWHM	137.0°
Efficiency	94 %
Peak intensity	0.320 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

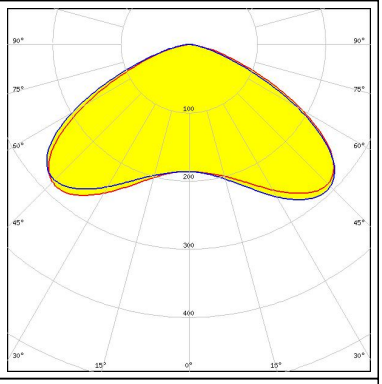
OSRAM
Opto Semiconductors

LED	Oslon Square PC
FWHM	130.0°
Efficiency	94 %
Peak intensity	0.330 cd/lm
Required components:	



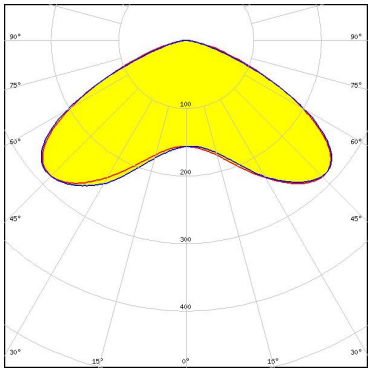
PHILIPS

LED	Fortimo FastFlex LED board 2x8 DA G4
FWHM	136.0°
Efficiency	94 %
Peak intensity	0.300 cd/lm
Required components:	



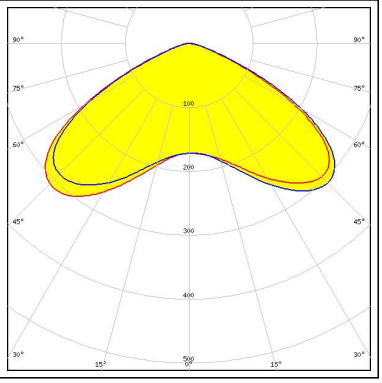
PHILIPS

LED	Fortimo FastFlex LED board 2x8 DAX G4
FWHM	141.0°
Efficiency	94 %
Peak intensity	0.290 cd/lm
Required components:	



SAMSUNG

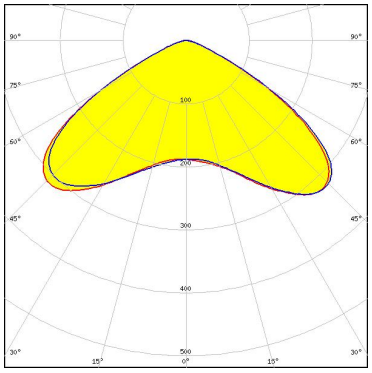
LED	LH351B
FWHM	134.0°
Efficiency	94 %
Peak intensity	0.310 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

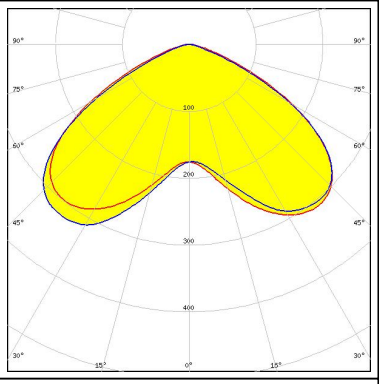
SAMSUNG

LED	LH351Z
FWHM	127.0°
Efficiency	94 %
Peak intensity	0.320 cd/lm
Required components:	



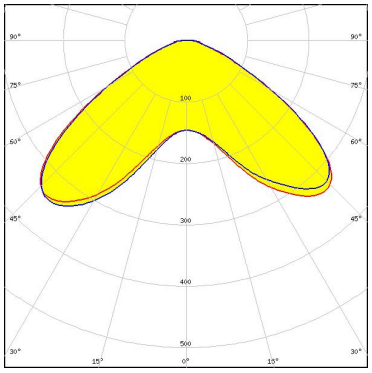
SAMSUNG

LED	LH508A
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.320 cd/lm
Required components:	



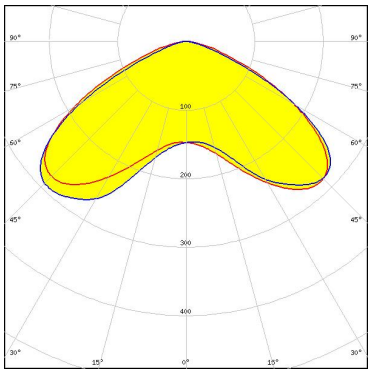
SEOUL SEMICONDUCTOR

LED	Z8Y22
FWHM	117.0°
Efficiency	94 %
Peak intensity	0.340 cd/lm
Required components:	



SEOUL SEMICONDUCTOR

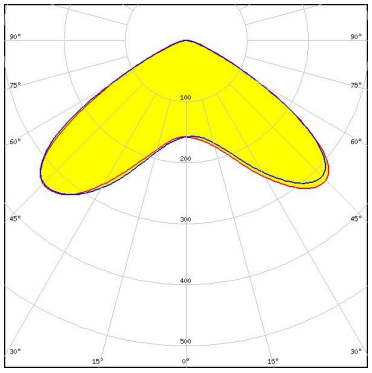
LED	Z8Y22P
FWHM	136.0°
Efficiency	94 %
Peak intensity	0.300 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

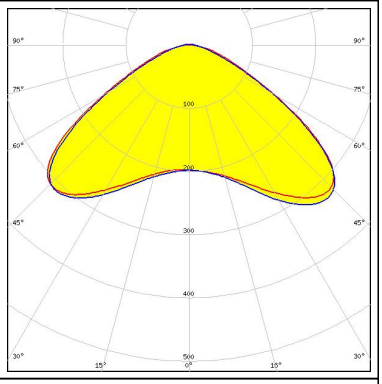
TOSHIBA
Leading Innovation

LED	TL1L4
FWHM	119.0°
Efficiency	92 %
Peak intensity	0.340 cd/lm
Required components:	



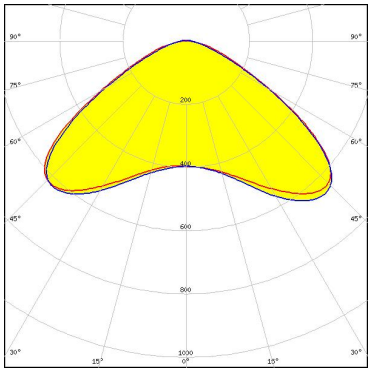
TRIDONIC

LED	RLE G1 49x121mm 2000lm xxx EXC OTD
FWHM	129.0°
Efficiency	94 %
Peak intensity	0.330 cd/lm
Required components:	



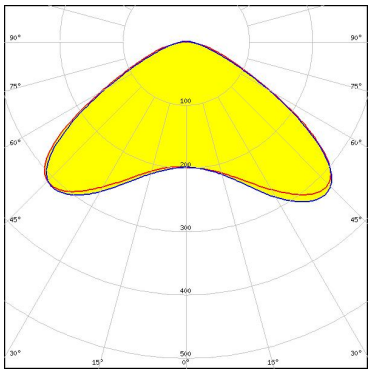
TRIDONIC

LED	RLE G1 49x133mm 2000lm xxx EXC OTD
FWHM	129.0°
Efficiency	94 %
Peak intensity	0.330 cd/lm
Required components:	



TRIDONIC

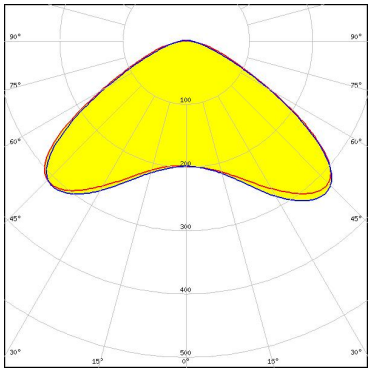
LED	RLE G1 49x223mm 4000lm xxx EXC OTD
FWHM	129.0°
Efficiency	94 %
Peak intensity	0.330 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

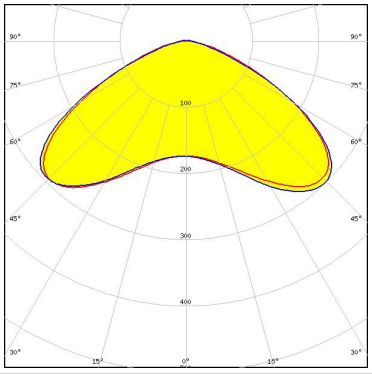
TRIDONIC

LED	RLE G1 49x245mm 4000lm xxx EXC OTD
FWHM	129.0°
Efficiency	94 %
Peak intensity	0.330 cd/lm
Required components:	



TRIDONIC

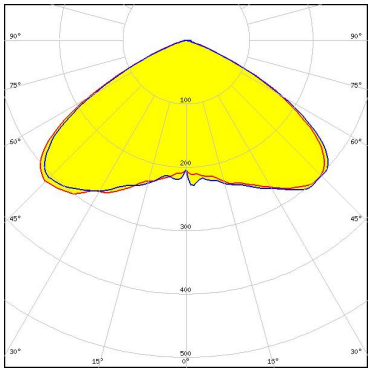
LED	RLE G2 HP 2x8 4000lm
FWHM	137.0°
Efficiency	94 %
Peak intensity	0.300 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

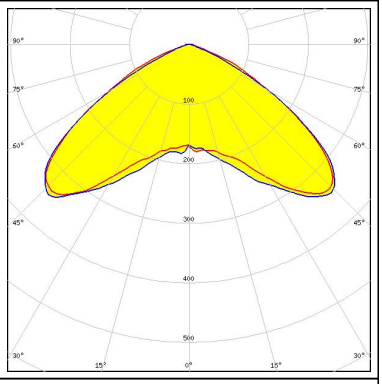
NICHIA

LED	NVSW219D
FWHM	120.0°
Efficiency	94 %
Peak intensity	0.320 cd/lm
Required components:	



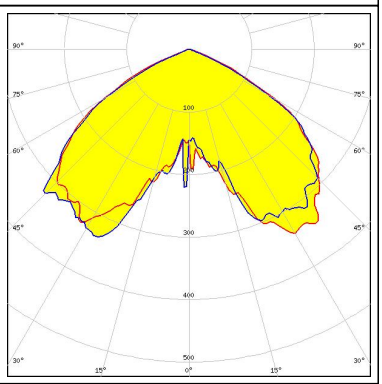
NICHIA

LED	NVSxE21A
FWHM	118.0°
Efficiency	94 %
Peak intensity	0.350 cd/lm
Required components:	



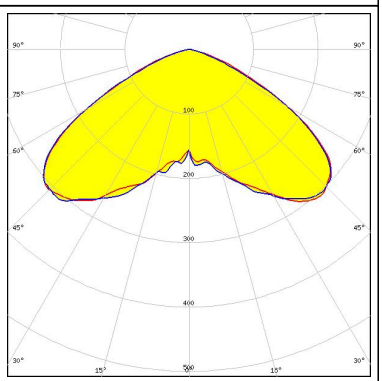
OSRAM
Opto Semiconductors

LED	Duris S8
FWHM	120.0°
Efficiency	93 %
Peak intensity	0.350 cd/lm
Required components:	



OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (3W version)
FWHM	116.0°
Efficiency	94 %
Peak intensity	0.310 cd/lm
Required components:	

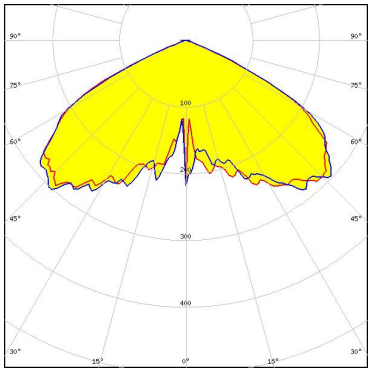


PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED	LH351D
FWHM	123.0°
Efficiency	91 %
Peak intensity	0.310 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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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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