STRADA-2X2-T4-B

Wide IESNA Type IV forward-throuw beam for wide area lighting like car parks

TECHNICAL SPECIFICATIONS:

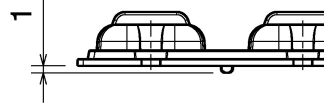
Dimensions	50.0 mm
Height	9 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	8.3 kg
Quantity in Box	800 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

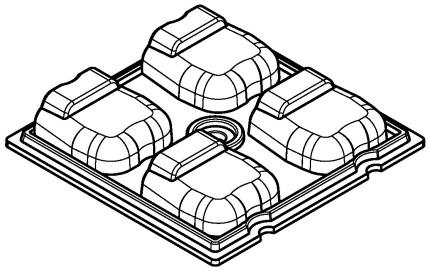
Component	Type	Material	Colour
STRADA-2X2-T4-B	Multi-lens	PMMA	clear

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

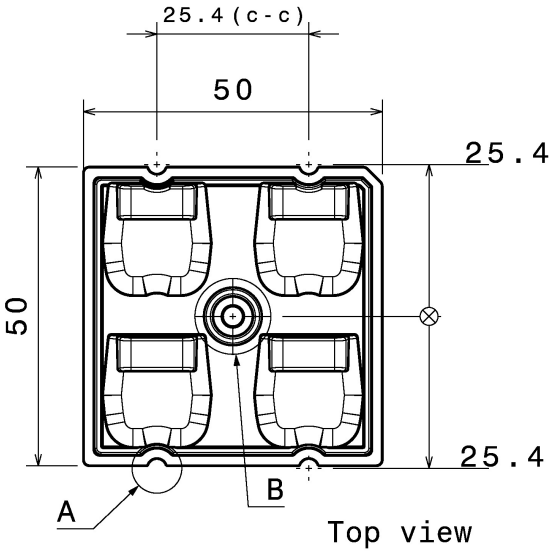
sales@prom-elec.com / ООО ПРОМЭЛЕКТРОНИКА



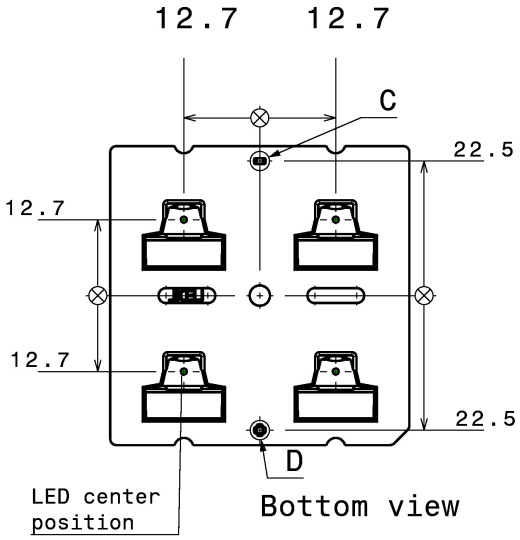
Front view



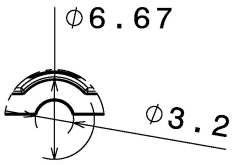
Isometric view



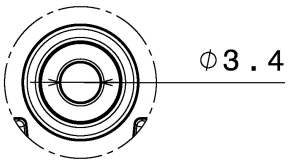
Top view



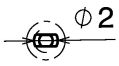
Bottom view



Detail A



Detail B



Detail C

Detail D

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

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

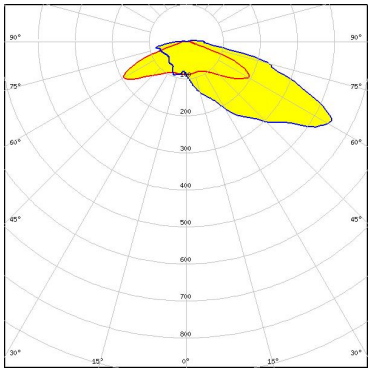
DRAWING TITLE
C15014_STRADA-2X2-T4-B

SIZE	PART NUMBER		
A4	C15014		
SCALE 1:1	WEIGHT 9,39 g		SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

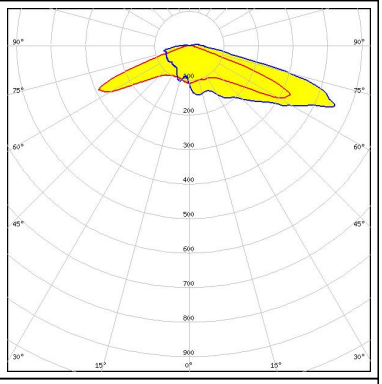
bridgelux

LED	Bridgelux SMD 5050
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.580 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



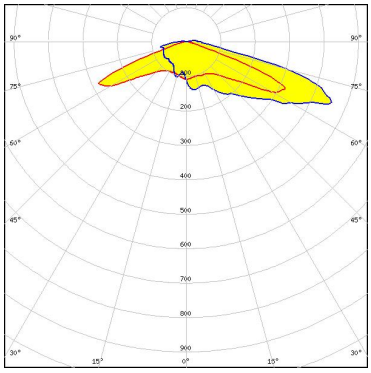
COMET ELECTRONICS

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:	



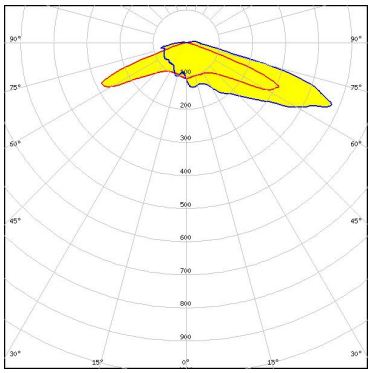
COMET ELECTRONICS

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	0.980 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

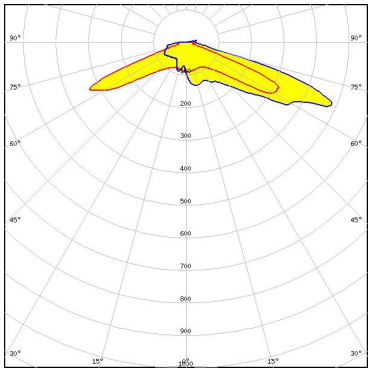


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

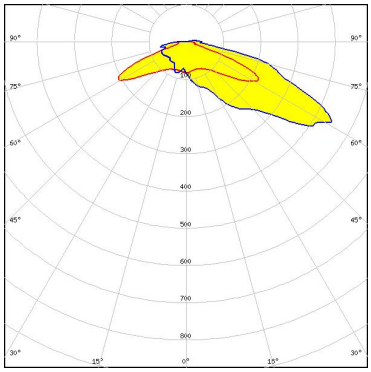
CREE

LED	XD16
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	1.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



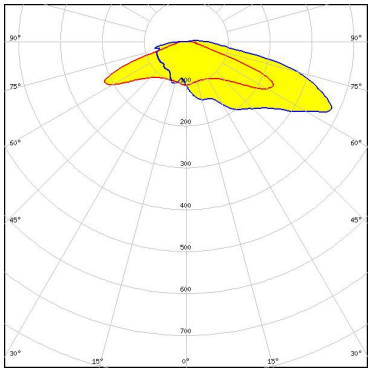
CREE

LED	XD16
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.690 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	



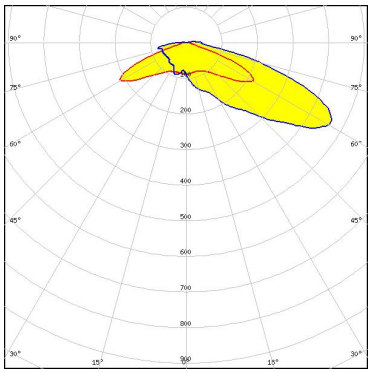
CREE

LED	XP-L2
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.650 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON 5050
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.640 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

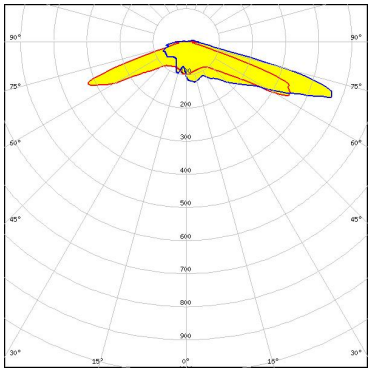


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

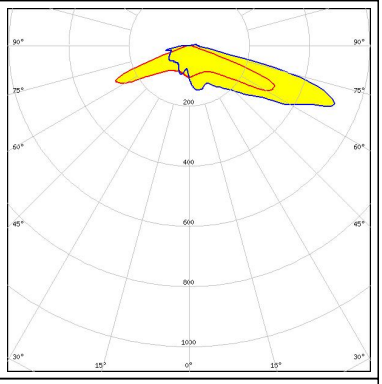
LUMILEDS

LED	LUXEON C
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	1.500 cd/lm
LEDs/each optic	1
Light colour	PC Amber
Required components:	



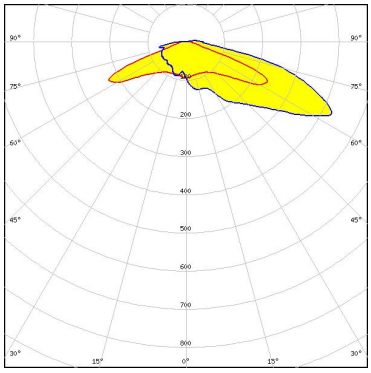
LUMILEDS

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



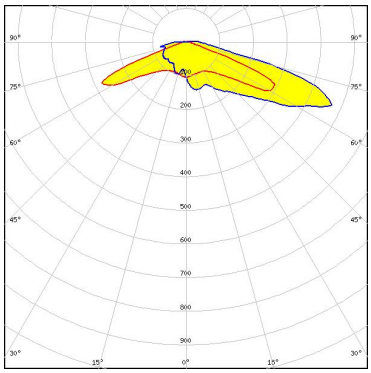
LUMILEDS

LED	LUXEON V
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.700 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

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

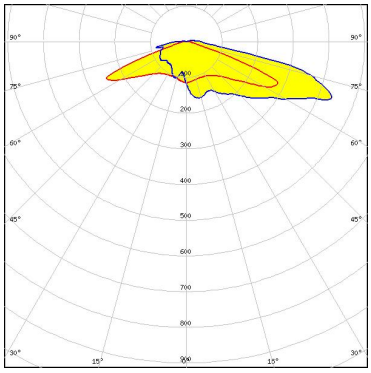


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

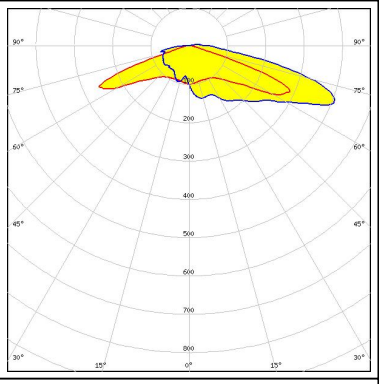
NICHIA

LED	NVSW219D
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.830 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



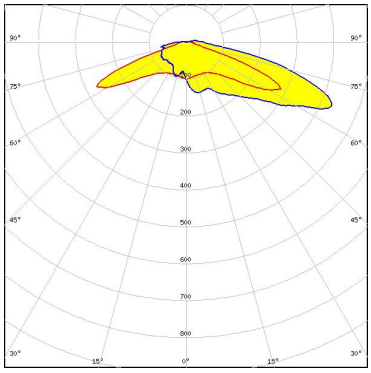
NICHIA

LED	NVSW319B
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.900 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



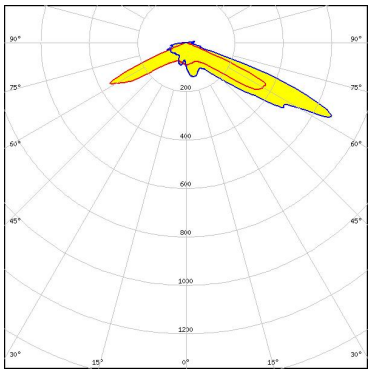
NICHIA

LED	NVSW3x9A
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.830 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NVSxE21A
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.400 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

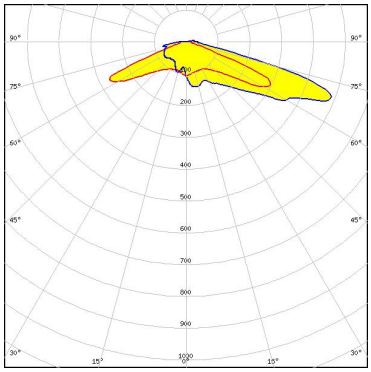


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

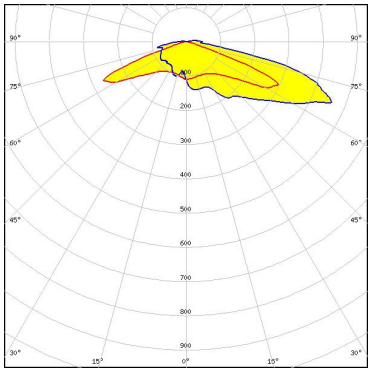
OSRAM
Opto Semiconductors

LED	OSLON Square PC
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	1.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



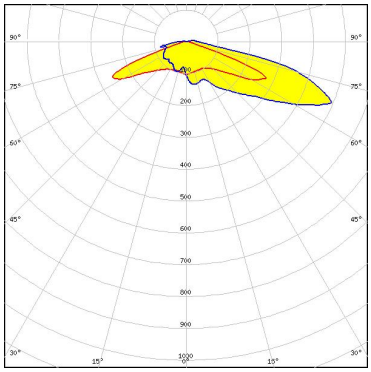
SAMSUNG

LED	HiLOM RH16 (LH351C)
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.850 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



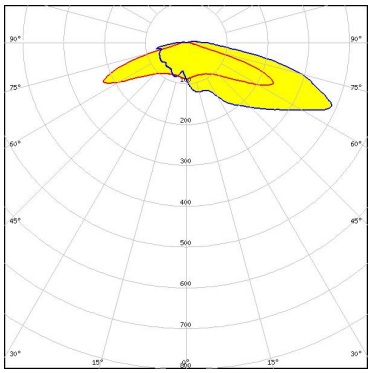
SAMSUNG

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	94 %
Peak intensity	0.630 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

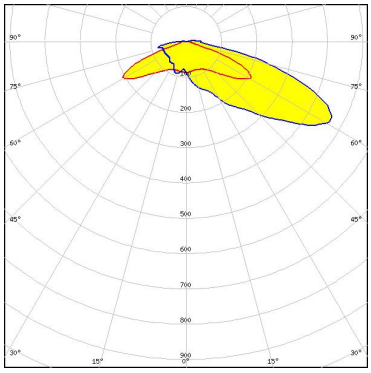


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

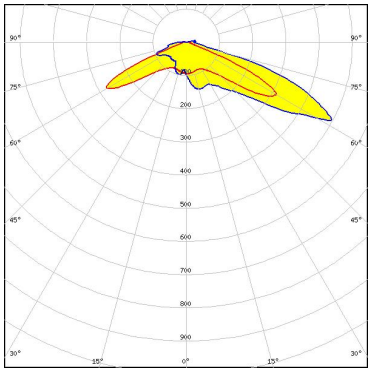
SAMSUNG

LED	LH508A
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.620 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z8Y22
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.960 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

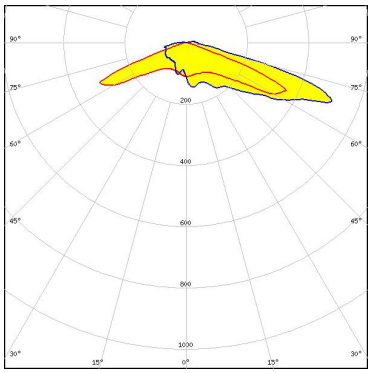


TRIDONIC

LED	RLE 2x4 2000lm HP EXC2 OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

TRIDONIC

LED	RLE 2x8 4000lm HP EXC2 OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

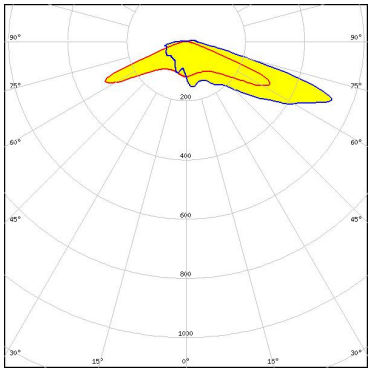


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

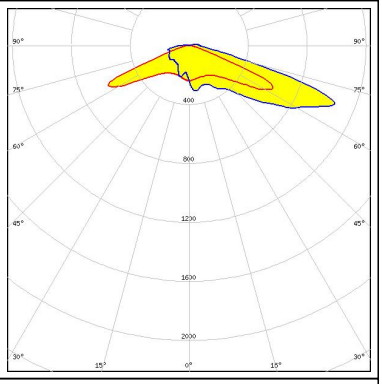
TRIDONIC

LED	RLE G1 49x121mm 2000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



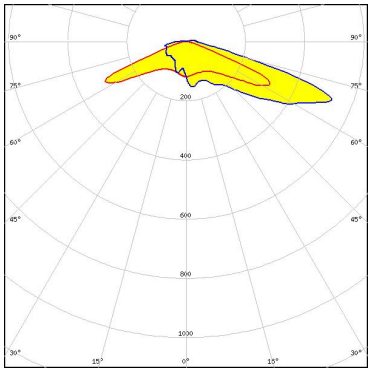
TRIDONIC

LED	RLE G1 49x133mm 2000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



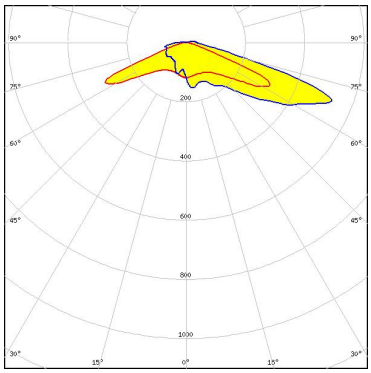
TRIDONIC

LED	RLE G1 49x223mm 4000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



TRIDONIC

LED	RLE G1 49x245mm 4000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

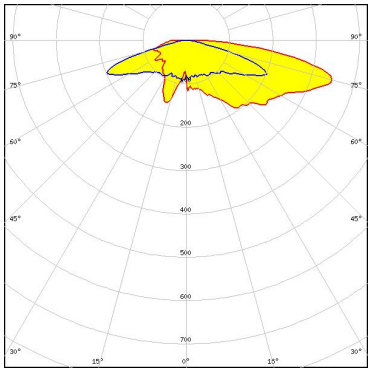


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (SIMULATED):

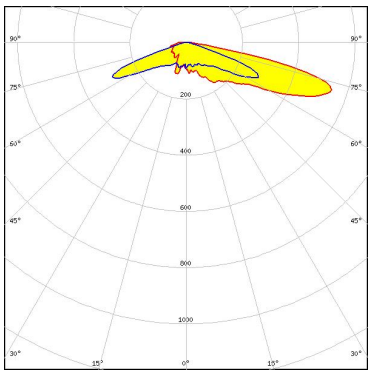
CREE

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



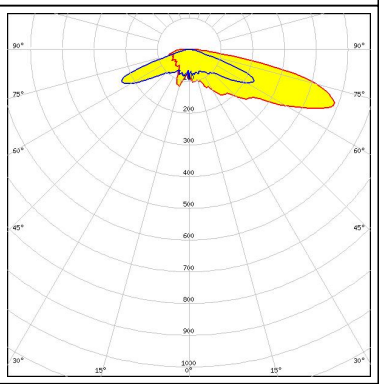
CREE

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



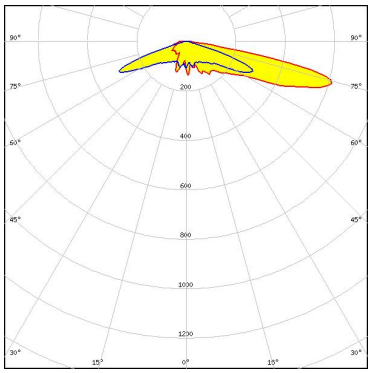
CREE

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



CREE

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

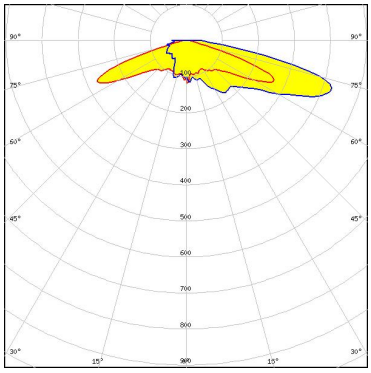


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (SIMULATED):

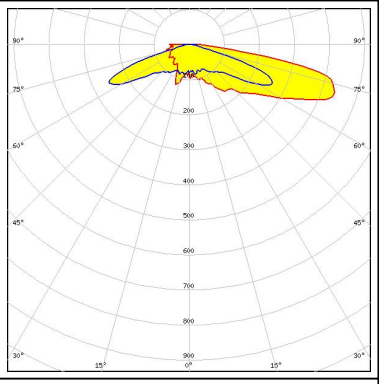
CREE

LED	XP-G3
FWHM	Asymmetric
Efficiency	89 %
Peak intensity	0.740 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



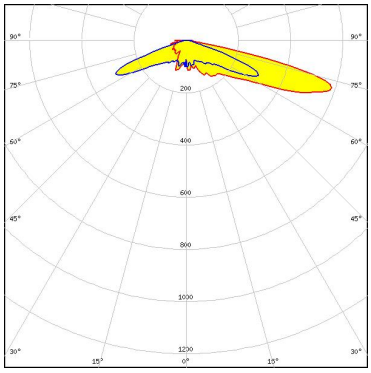
CREE

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



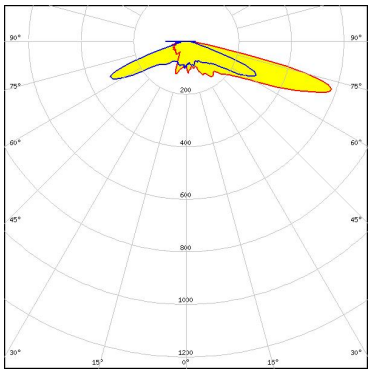
CREE

LED	XP-L HI
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.980 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:	

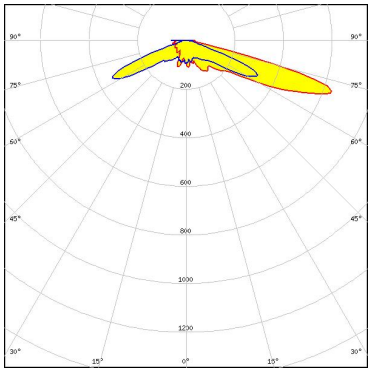


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (SIMULATED):

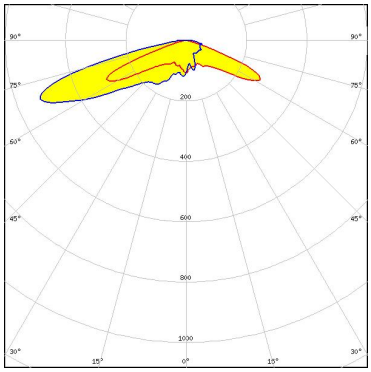
NICHIA

LED	NCSxx19B
FWHM	Asymmetric
Efficiency	%
Peak intensity	cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



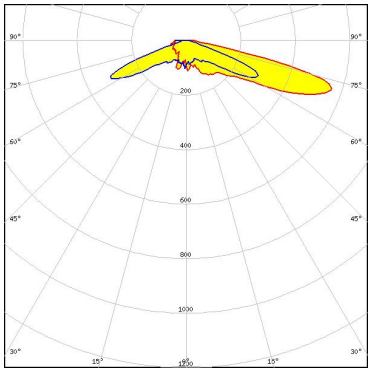
NICHIA

LED	NF2x757G
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.860 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



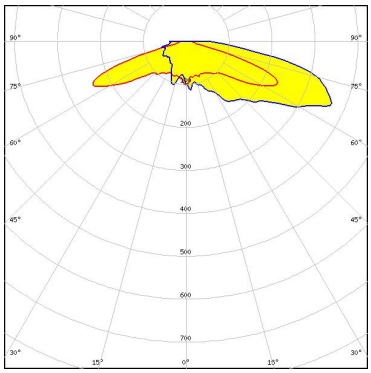
NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	Asymmetric
Efficiency	%
Peak intensity	cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NWSx229A
FWHM	Asymmetric
Efficiency	87 %
Peak intensity	0.640 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

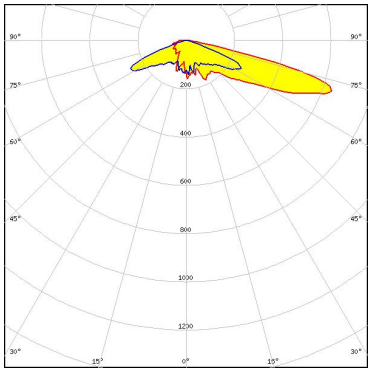


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (SIMULATED):

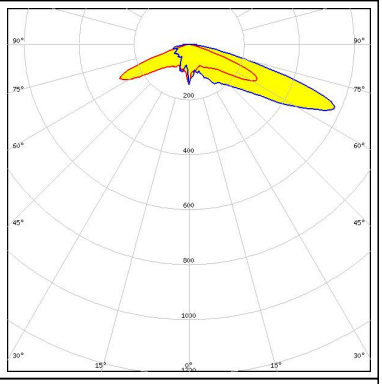
OSRAM

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



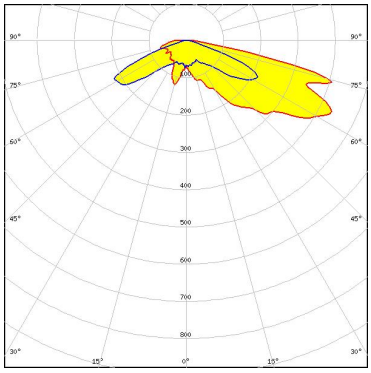
OSRAM Opto Semiconductors

LED	Duris S5 (2 chip)
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.860 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



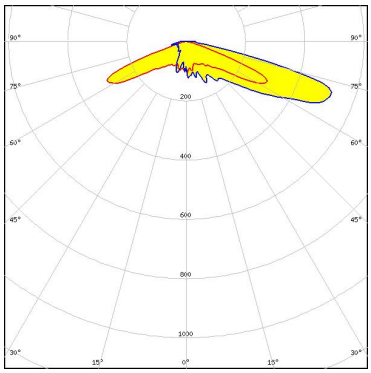
OSRAM Opto Semiconductors

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



OSRAM Opto Semiconductors

LED	OSCONIQ P 3737 (2W version)
FWHM	Asymmetric
Efficiency	87 %
Peak intensity	0.950 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

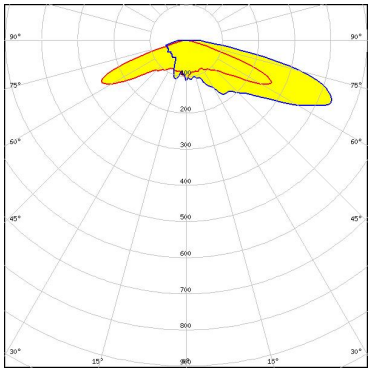


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (SIMULATED):

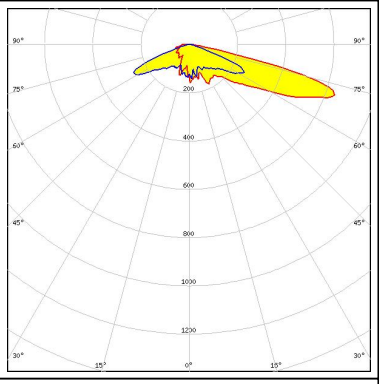
OSRAM Opto Semiconductors

LED	OSCONIQ P 3737 (3W version)
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.690 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



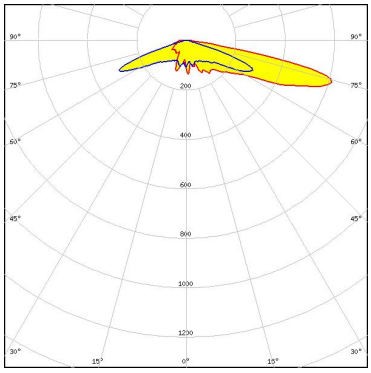
OSRAM Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.880 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



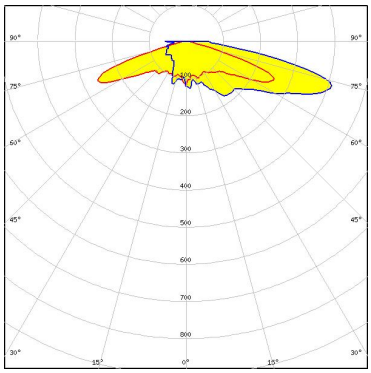
PHILIPS

LED	Fortimo FastFlex LED 2x8 DA G4
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	1.020 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHILIPS

LED	Fortimo FastFlex LED 2x8 DAX G4
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	0.710 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

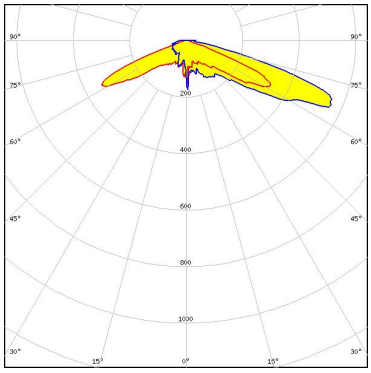


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (SIMULATED):

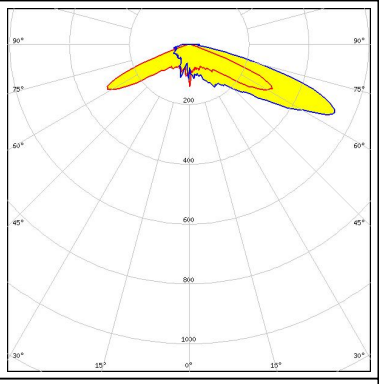
SAMSUNG

LED	LH181B
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	1.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



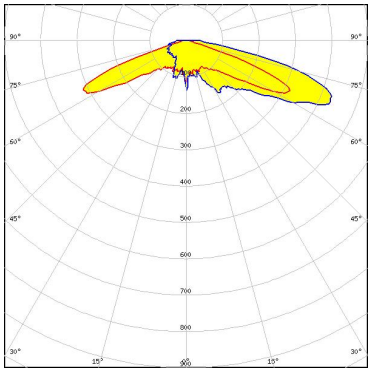
SAMSUNG

LED	LH231B
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.988 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.960 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy
Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support
www.ledil.com/
where_to_buy

Shipping locations
Salo, Finland
Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.