STRADA-2X2-NHS

Narrow beam with minimal house side backlight

TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	9.8 mm
Fastening	screw, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.5 kg
Quantity in Box	800 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

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

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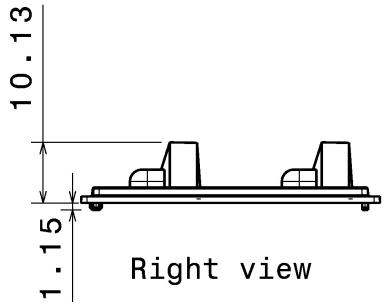
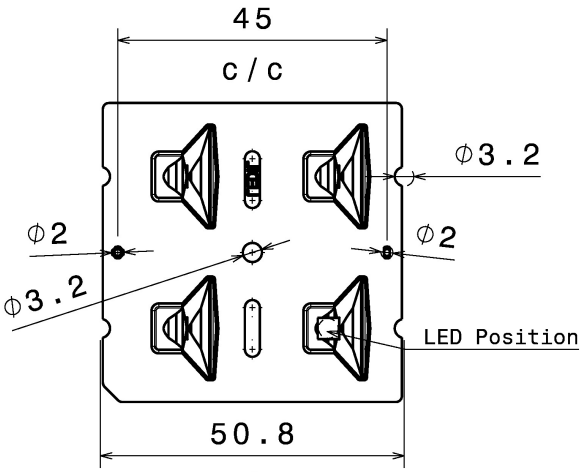
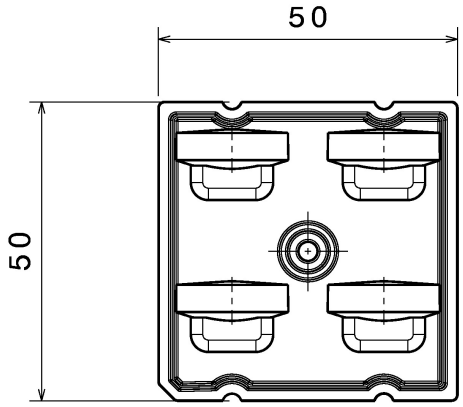




Bottom View



Front view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14109	STRADA-2X2-NHS	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

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
C14109_STRADA-2X2-NHS

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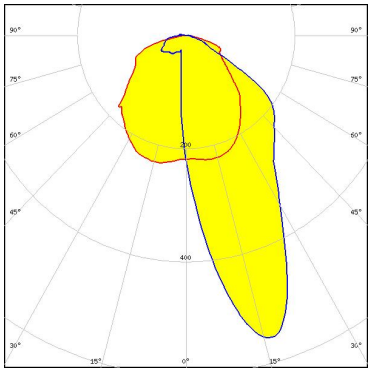
SIZE A4
PART NUMBER C14109

SCALE 1:1 | WEIGHT 7,12 g | SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

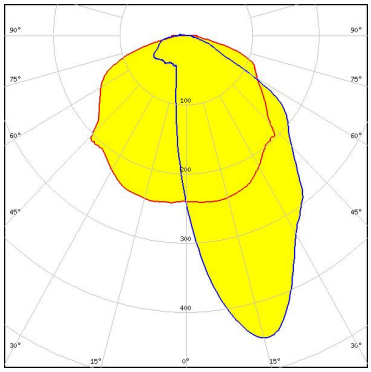
CREE

LED	XP-G2
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.800 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



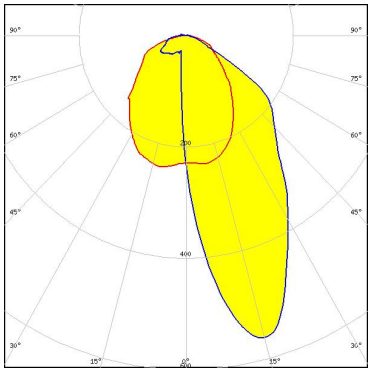
CREE

LED	XP-G3
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.660 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



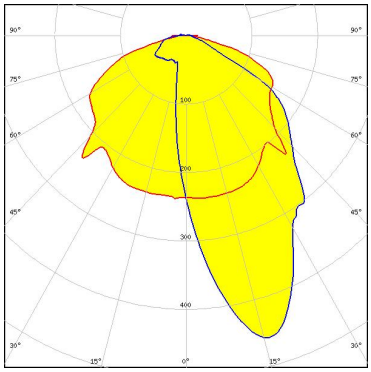
LUMILEDS

LED	LUXEON TX
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.810 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NVSW3x9A
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.670 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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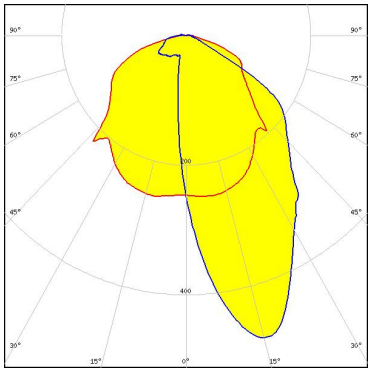
PHOTOMETRIC DATA (MEASURED):

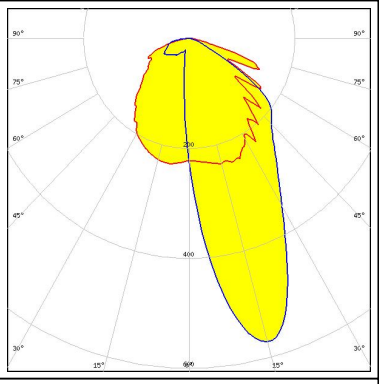
NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.720 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM Opto Semiconductors

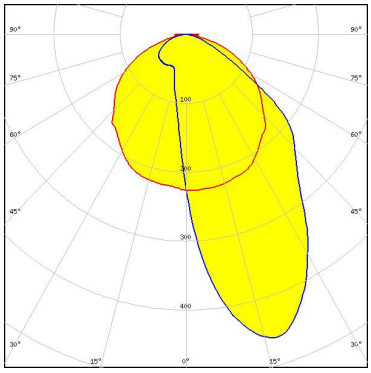
LED	Oslon Square Gen3
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.770 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM Opto Semiconductors

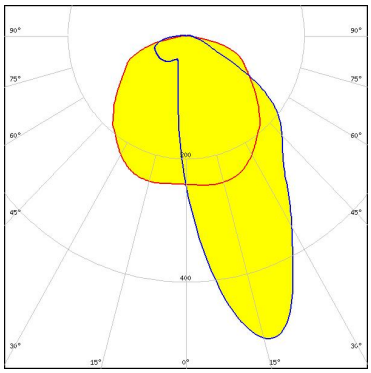
LED	Oslon Square PC
FWHM	Asymmetric
Efficiency	84 %
Peak intensity	0.580 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Undefined Manufacturer: Protective Plate, Glass



PHILIPS

LED	Fortimo FastFlex LED 2x8 DA G4
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.720 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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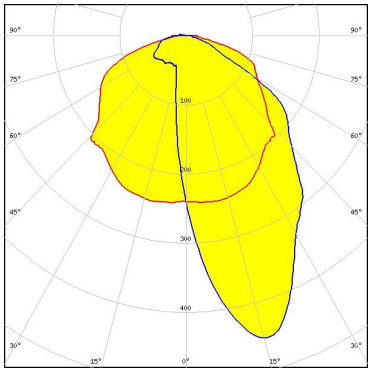
PHOTOMETRIC DATA (MEASURED):

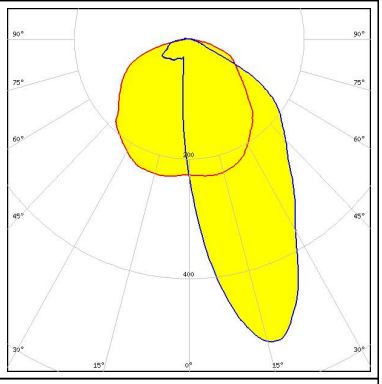
PHILIPS

LED	Fortimo FastFlex LED 2x8 DAX G4
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.660 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



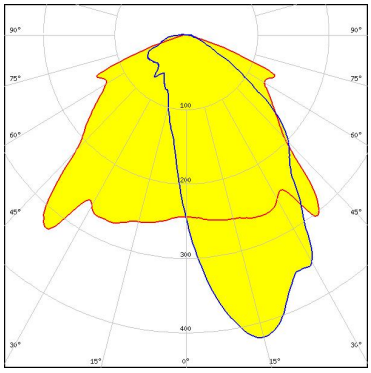
SAMSUNG

LED	LH351B
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.680 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



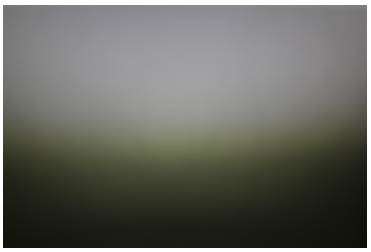
SEOUL SEMICONDUCTOR

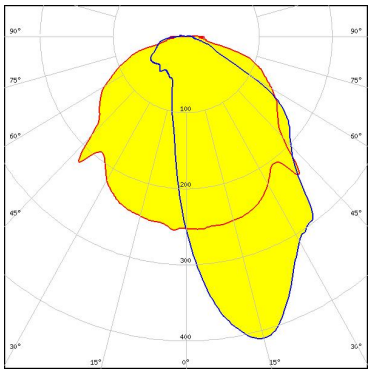
LED	Z8Y22
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.830 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.650 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





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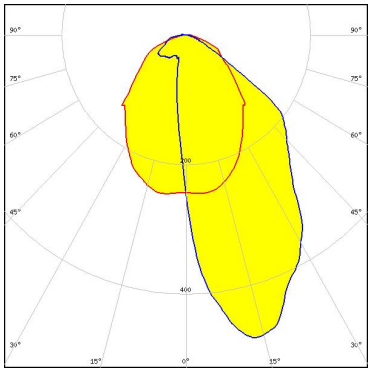
PHOTOMETRIC DATA (MEASURED):

TOSHIBA
Leading Innovation

LED	TL1L4
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.720 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

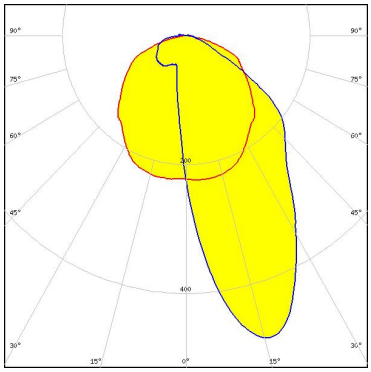


TRIDONIC

LED	RLE 2x4 2000lm HP EXC2 OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.800 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

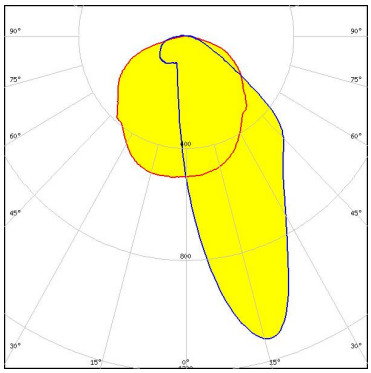
TRIDONIC

LED	RLE 2x8 4000lm HP EXC2 OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.800 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



TRIDONIC

LED	RLE G1 49x121mm 2000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.760 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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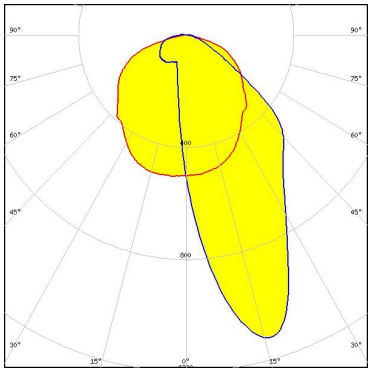
PHOTOMETRIC DATA (MEASURED):

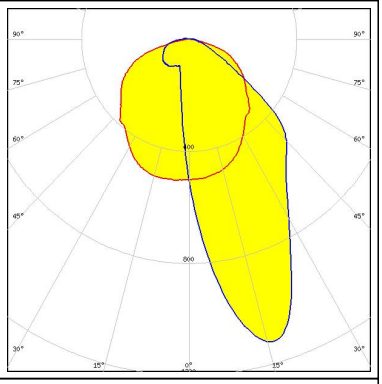
TRIDONIC

LED	RLE G1 49x133mm 2000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.760 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



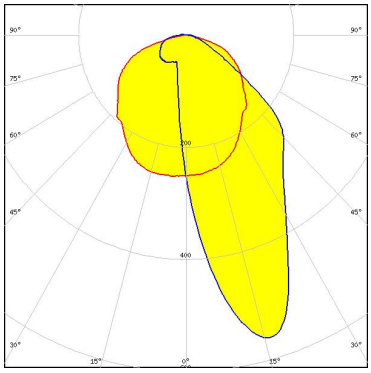
TRIDONIC

LED	RLE G1 49x223mm 4000lm xxx EXC OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.760 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	0.760 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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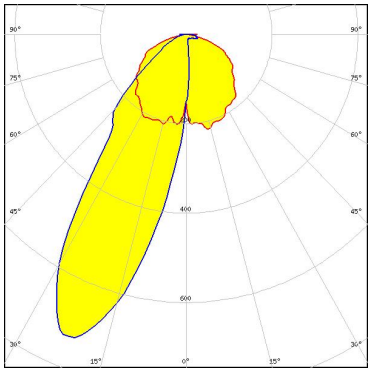
PHOTOMETRIC DATA (SIMULATED):

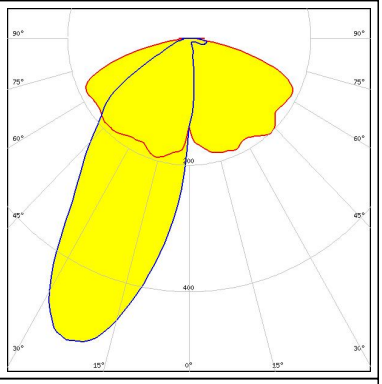
CREE

LED	XB-H
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.750 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



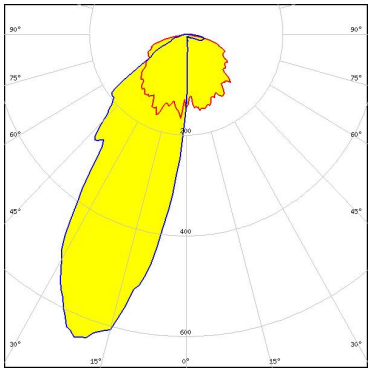
NICHIA

LED	NVSxx19A
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM

LED	PrevaLED Brick DC 2x8
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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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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