STRADA-2X2MX-8-T2

IESNA Type II (medium) beam applicable for European P-class standard pedestrian lighting and M-class roads. New revision.

TECHNICAL SPECIFICATIONS:

Dimensions	90x90 mm
Height	12.6 mm
Fastening	screw
Colour	clear
Box size	476 x 273 x 292 mm
Box weight	7.5 kg
Quantity in Box	156 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STRADA-2X2MX-8-T2	Lens array	PMMA	clear
STRADA-2X2MX-8-SEAL	Seal	Silicone	clear

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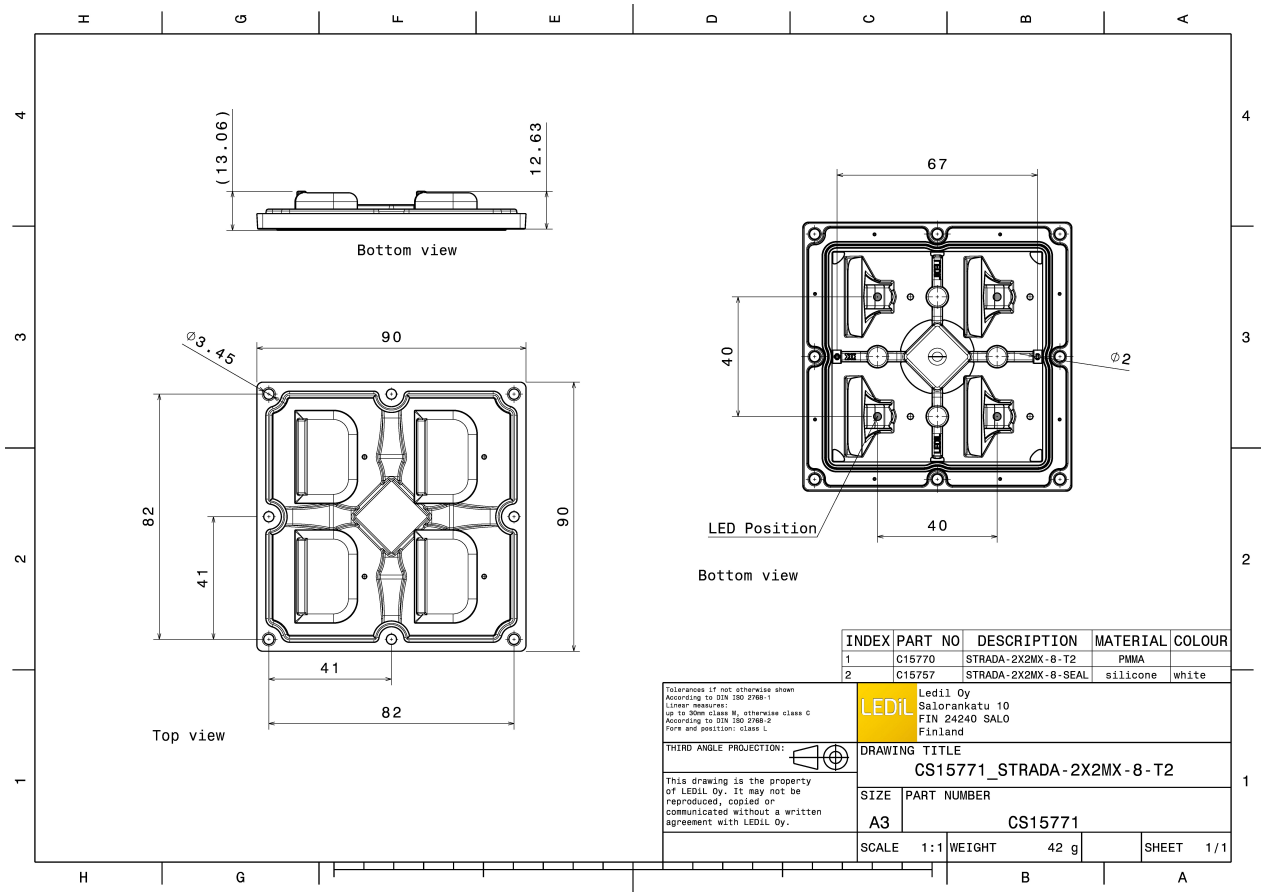

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15770	STRADA-2X2MX-8-T2	PMMA	
2	C15757	STRADA-2X2MX-8-SEAL	silicone	white

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
up to 30mm class H, otherwise class C
According to DIN ISO 2768-2
Form and position: class L

THIRD ANGLE PROJECTION:

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Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
CS15771_STRADA-2X2MX-8-T2

SIZE A3 | PART NUMBER CS15771

SCALE 1:1 | WEIGHT 42 g | SHEET 1/1

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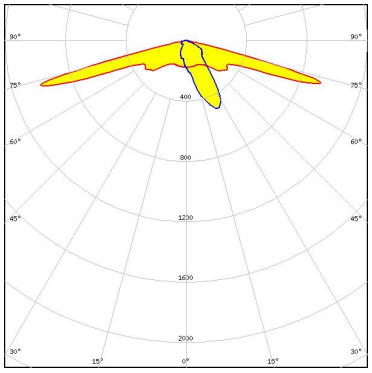
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON M/MX
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.100 cd/lm

Required components:



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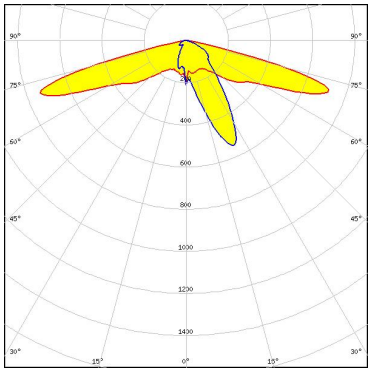
PHOTOMETRIC DATA (SIMULATED):

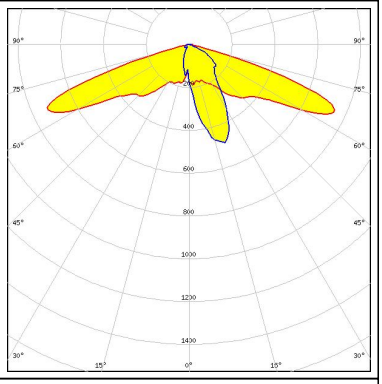
bridgelux

LED	SMD 5050
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.010 cd/lm
Required components:	



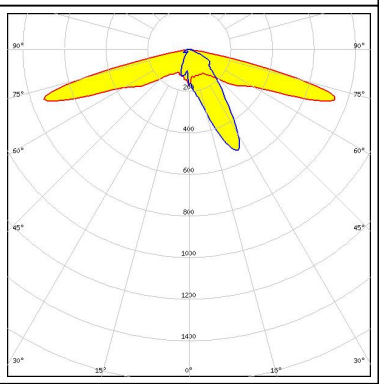
CITIZEN

LED	CLU700/701
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.940 cd/lm
Required components:	
Bender Wirth: 434 Typ 2x2MX HV	



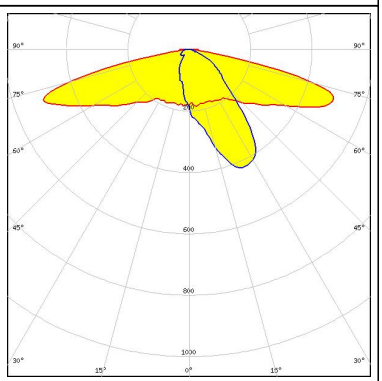
CITIZEN

LED	PSL440
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	1.100 cd/lm
Required components:	



CITIZEN

LED	PSL445
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	0.630 cd/lm
Required components:	



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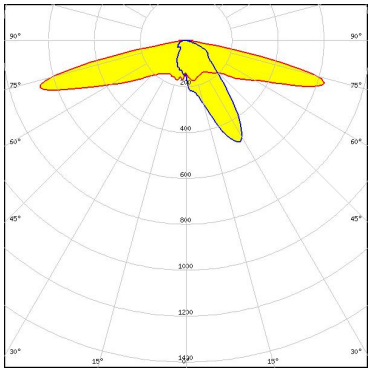
PHOTOMETRIC DATA (SIMULATED):

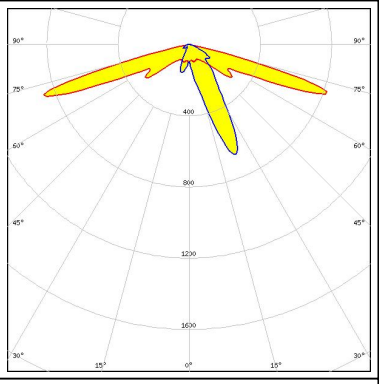
CREE

LED	MHB-A/B
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.900 cd/lm
Required components:	



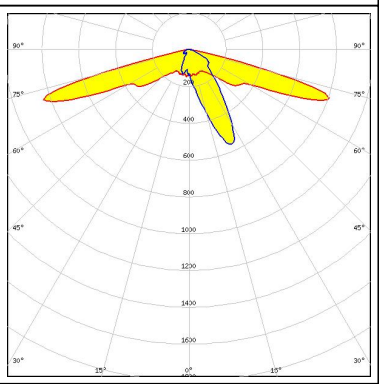
LUMILEDS

LED	LUXEON 3030 2D
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	1.800 cd/lm
Required components:	



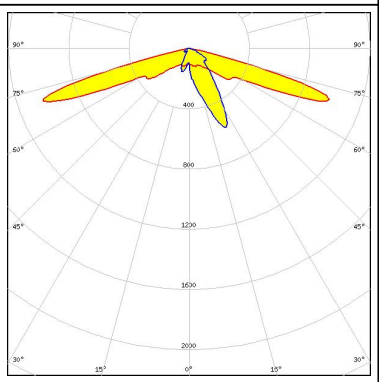
LUMILEDS

LED	LUXEON 5050
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	1.400 cd/lm
Required components:	



OSRAM
Opto Semiconductors

LED	Duris S5 (2 chip)
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.500 cd/lm
Required components:	



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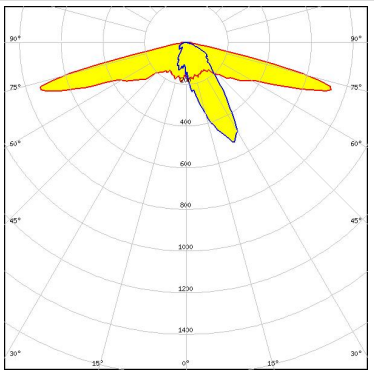
PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	1.100 cd/lm

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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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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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

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