

STRADA-2X2-MEW

Beam with extremely low glare fulfilling EN13201 M-class requirements for wet road surfaces in North Europe

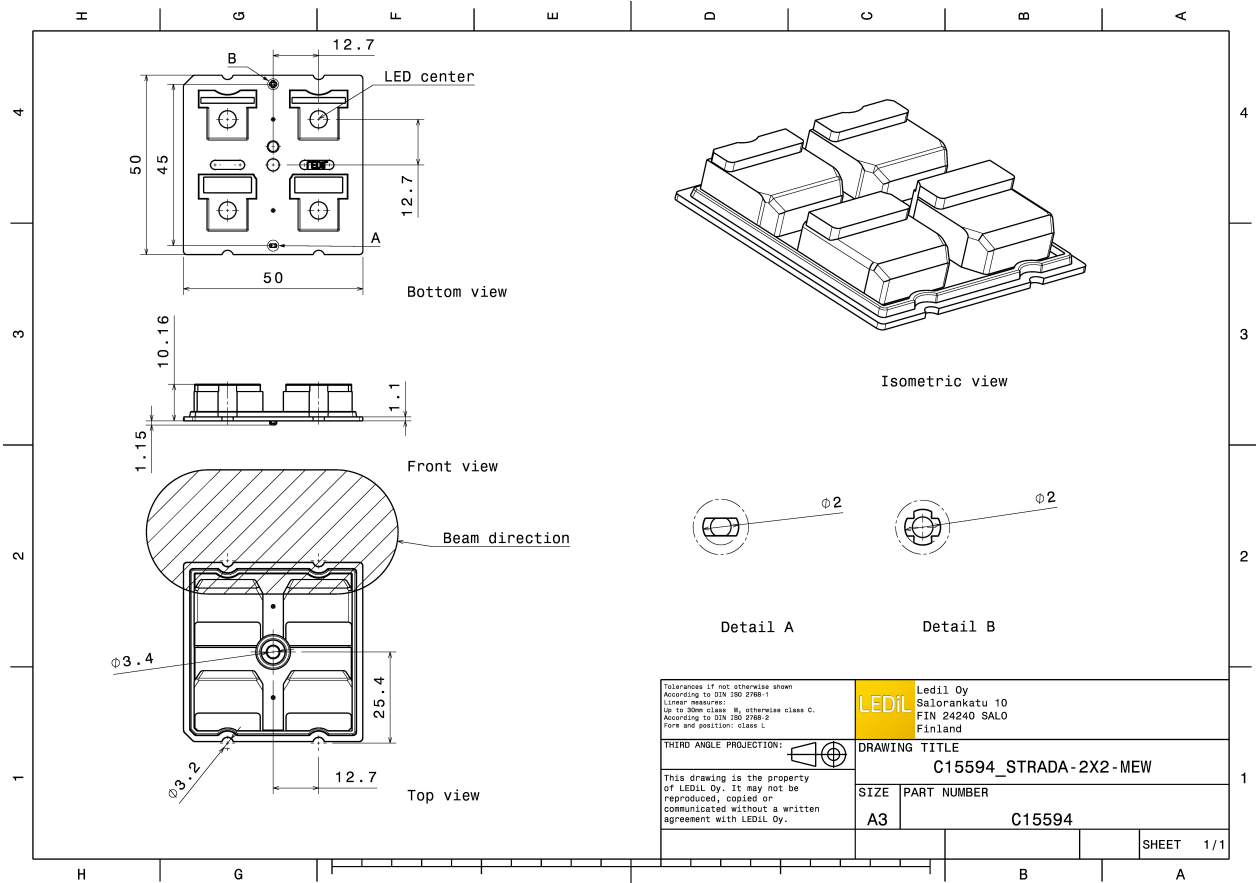
TECHNICAL SPECIFICATIONS:

Dimensions	50x50 mm
Height	10.2 mm
Fastening	screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	9.6 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

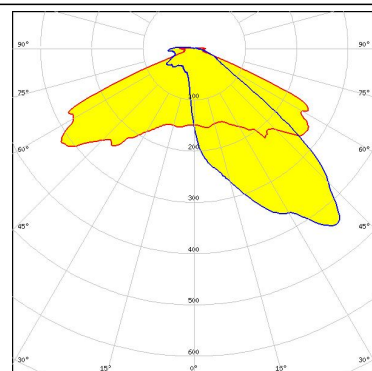
Component	Type	Material	Colour
STRADA-2X2-MEW	Lens	PMMA	clear



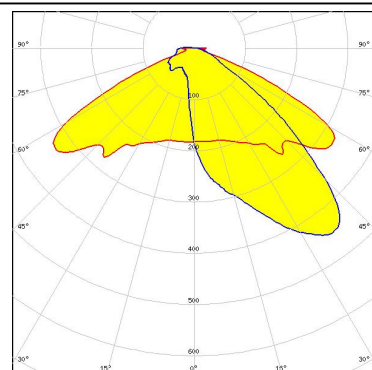
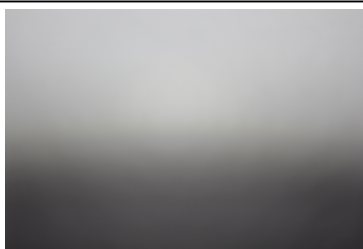
PHOTOMETRIC DATA (MEASURED):



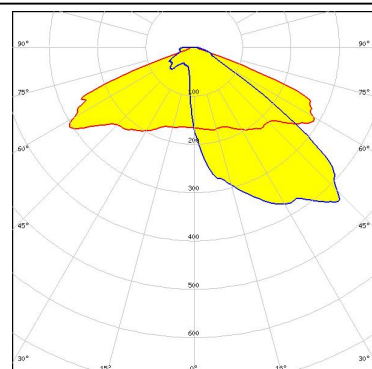
LED XD16
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.100 cd/lm
Required components:



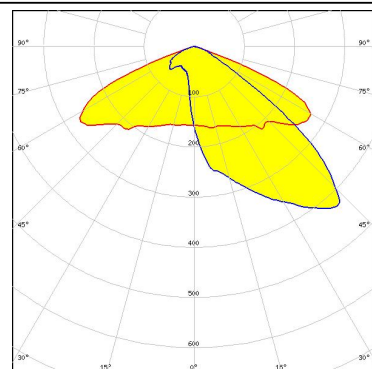
LED XD16 2x2 cluster
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.700 cd/lm
Required components:



LED XP-G2
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.100 cd/lm
Required components:



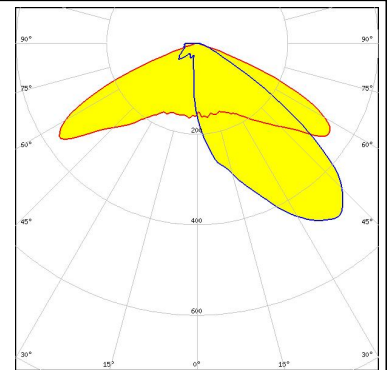
LED XP-G3
FWHM Asymmetric
Efficiency 86 %
Peak intensity 0.800 cd/lm
Required components:



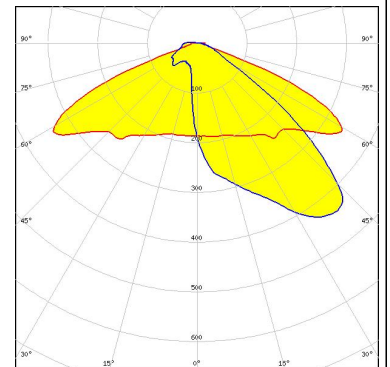
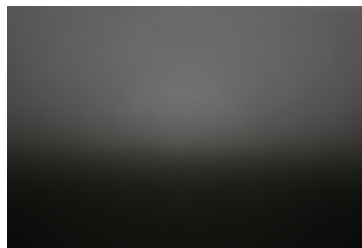
PHOTOMETRIC DATA (MEASURED):



LED LUXEON 5050
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.720 cd/lm
Required components:



LED LUXEON V
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.770 cd/lm
Required components:

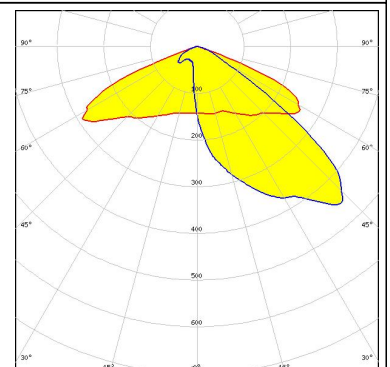


OSRAM

LED PrevaLED Brick DC 2x8
FWHM Asymmetric
Efficiency 87 %
Peak intensity 0.950 cd/lm
Required components:



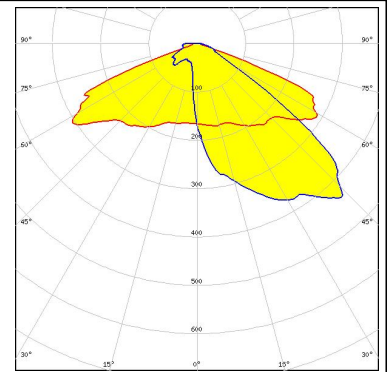
LED Oslon Square Gen3
FWHM Asymmetric
Efficiency 87 %
Peak intensity 0.950 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

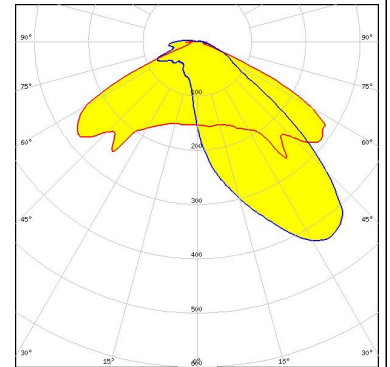
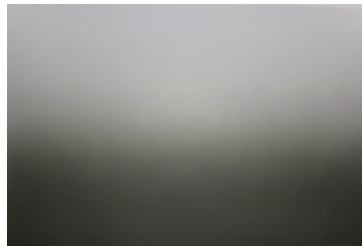
PHILIPS

LED Fortimo FastFlex LED board 2x8 DA G4
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.100 cd/lm
Required components:




SEOUL SEMICONDUCTOR

LED Z8Y22
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.890 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

CREE ⇄

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

CREE ⇄

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

CREE ⇄

LED XM-L2
FWHM Asymmetric
Efficiency 0 %
Peak intensity 0.000 cd/lm
Required components:

CREE ⇄

LED XP-L
FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.850 cd/lm
Required components:

PHOTOMETRIC DATA (SIMULATED):

CREE

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

CREE

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

LUMILEDS

LED LUXEON TX
FWHM Asymmetric
Efficiency 0 %
Peak intensity 0.000 cd/lm
Required components:

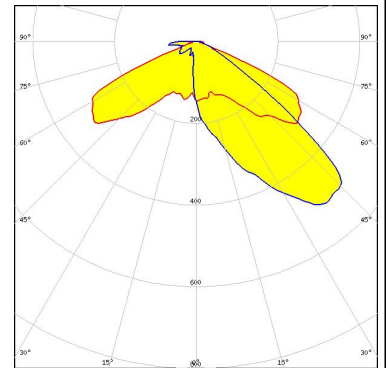
NICHIA

LED NCSxx19B
FWHM Asymmetric
Efficiency 0 %
Peak intensity 0.000 cd/lm
Required components:

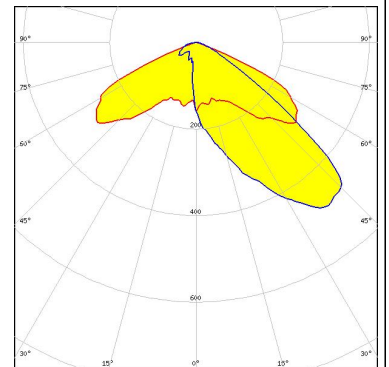
PHOTOMETRIC DATA (SIMULATED):



LED NVSxE21A
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.100 cd/lm
Required components:



LED NVSxE21A
FWHM Asymmetric
Efficiency 86 %
Peak intensity 0.960 cd/lm
Required components:
Undefined Manufacturer: Protective Plate, Glass



LED NVSxx19B/NVSxx19C
FWHM Asymmetric
Efficiency 0 %
Peak intensity 0.000 cd/lm
Required components:

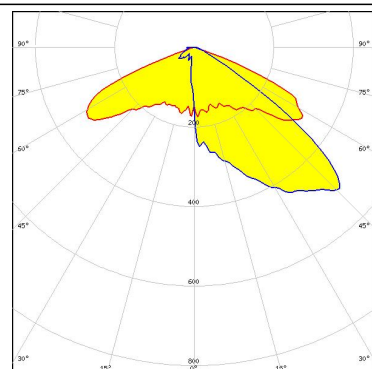


LED Duris S8
FWHM Asymmetric
Efficiency %
Peak intensity cd/lm
Required components:

PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED OSCONIQ P 3737 (2W version)
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.000 cd/lm
Required components:

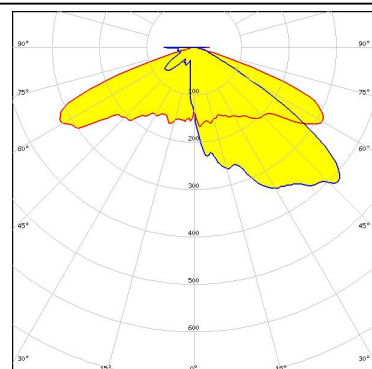


OSRAM
Opto Semiconductors

LED Oslon Square PC
FWHM Asymmetric
Efficiency 0 %
Peak intensity 0.000 cd/lm
Required components:

PHILIPS

LED Fortimo FastFlex LED board 2x8 DAX G4
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.880 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.

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](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)