PRODUCT C14165_STRADA-2X2-ME-WIDE2

STRADA-2X2-ME-WIDE2

Beam with excellent longitudinal luminance uniformity for staggered pole setups fulfilling EN13201 M-class requirements where road width is equal to or less than the pole height

SPECIFICATION:

Dimensions 50.0 x 50.0 mm Height 7 mm Fastening pin, screw **ROHS** compliant yes 🕕



MATERIALS:

Component **Type** Material Colour **Finish** STRADA-2X2-ME-WIDE2 PMMA Multi-lens clear

ORDERING INFORMATION:

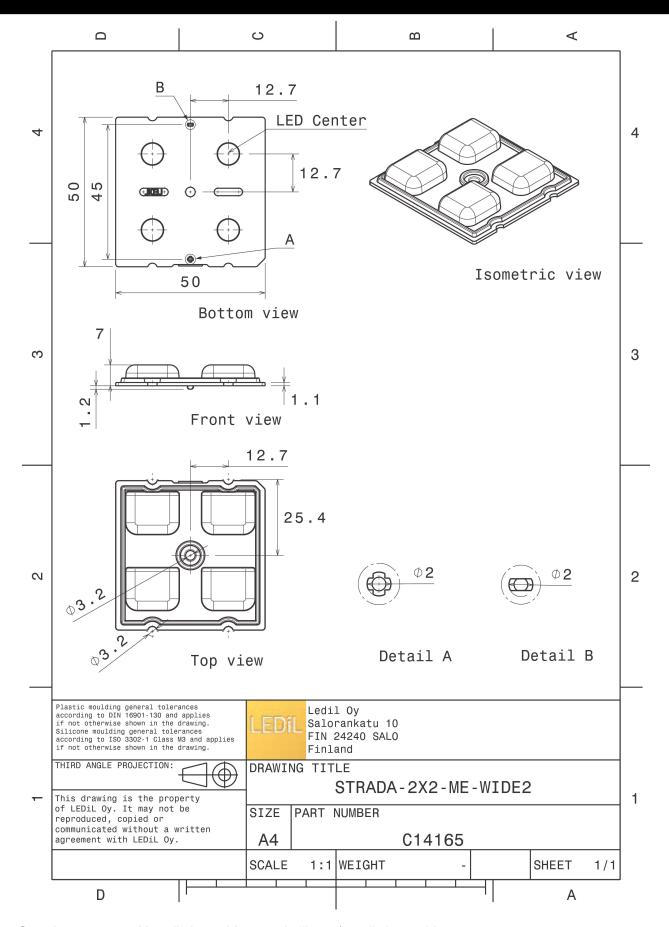
Box weight (kg) Component Qty in box MOQ MPQ C14165 STRADA-2X2-ME-WIDE2 800 160 160 7.6

» Box size: 480 x 280 x 300 mm



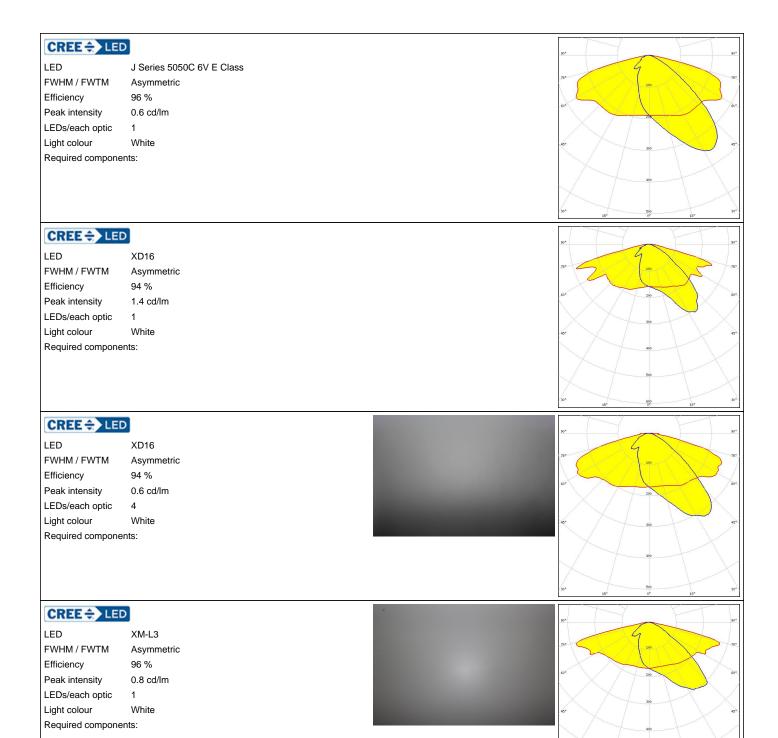
PRODUCT DATASHEET

C14165_STRADA-2X2-ME-WIDE2

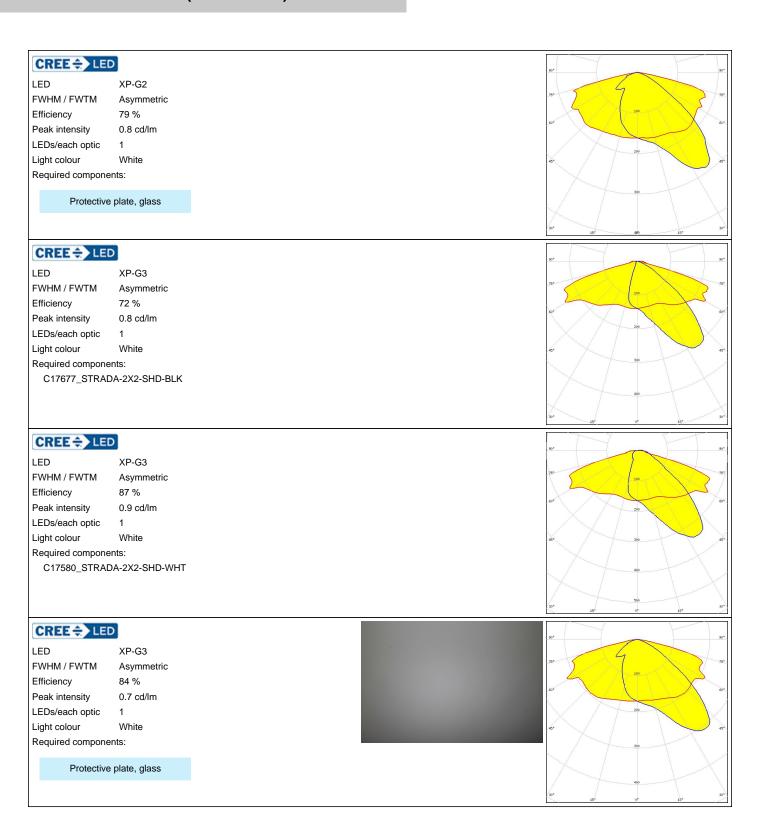


See also our general installation guide: www.ledil.com/installation_guide

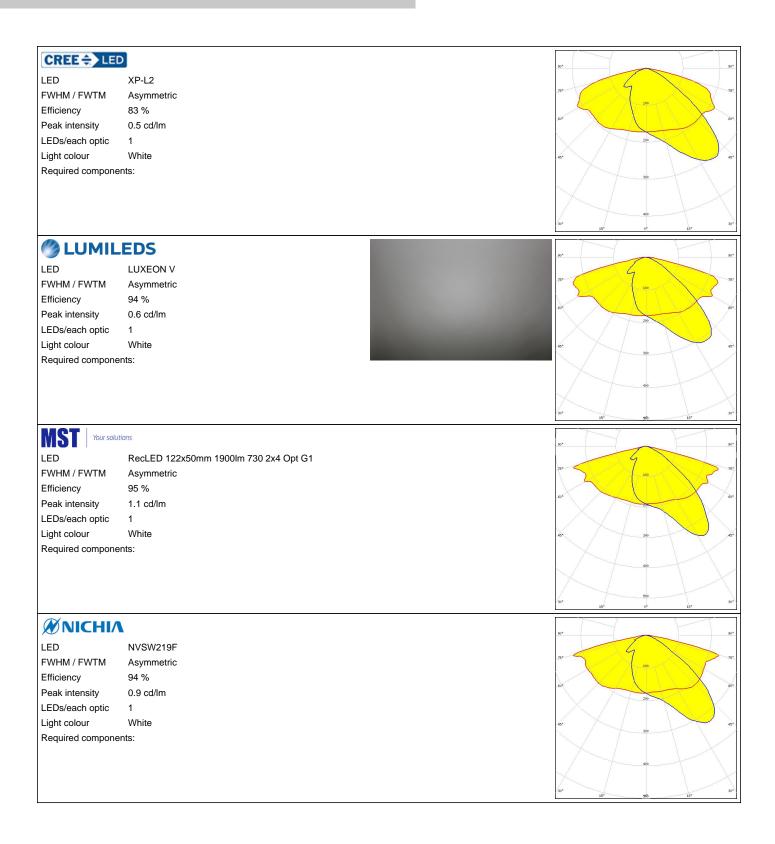










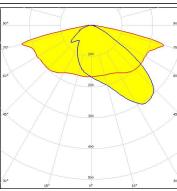


PRODUCT DATASHEET C14165_STRADA-2X2-ME-WIDE2

OPTICAL RESULTS (MEASURED):



LED NVSW319B
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White

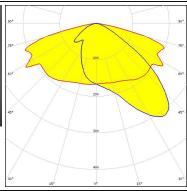


WNICHIA

Required components:

LED NVSW3x9A
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



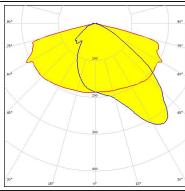


PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4

FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

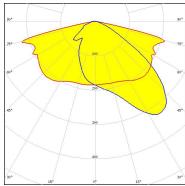
Protective plate, glass



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4+

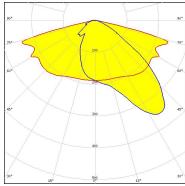
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G5

FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

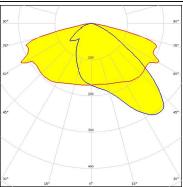


PHILIPS

LED Fortimo FastFlex LED 2x8 DAX G4

FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

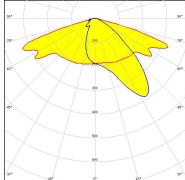
Protective plate, glass



SAMSUNG

LED HILOM RC12 Z (LH181B)

FWHM / FWTM Asymmetric
Efficiency 99 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

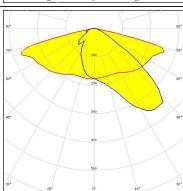


SAMSUNG

LED HILOM RH12 Z (LH351C)

FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White

Required components:

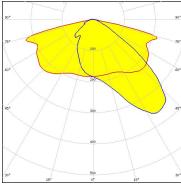


SAMSUNG

LED HILOM RH16 (LH351C)

FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White

Required components:



SAMSUNG

LED HILOM RM12 Z (LH502C)

FWHM / FWTM Asymmetric

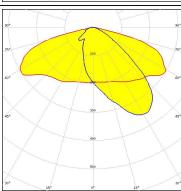
Efficiency 97 %

Peak intensity 0.5 cd/lm

LEDs/each optic 1

Light colour White

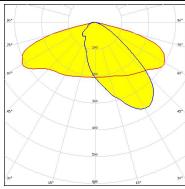
Required components:



SAMSUNG

LED HILOM RM16 Z (LH502C)

FWHM / FWTM Asymmetric
Efficiency 98 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED HILOM RM8 Z (LH502C)

FWHM / FWTM Asymmetric

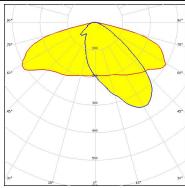
Efficiency 97 %

Peak intensity 0.5 cd/lm

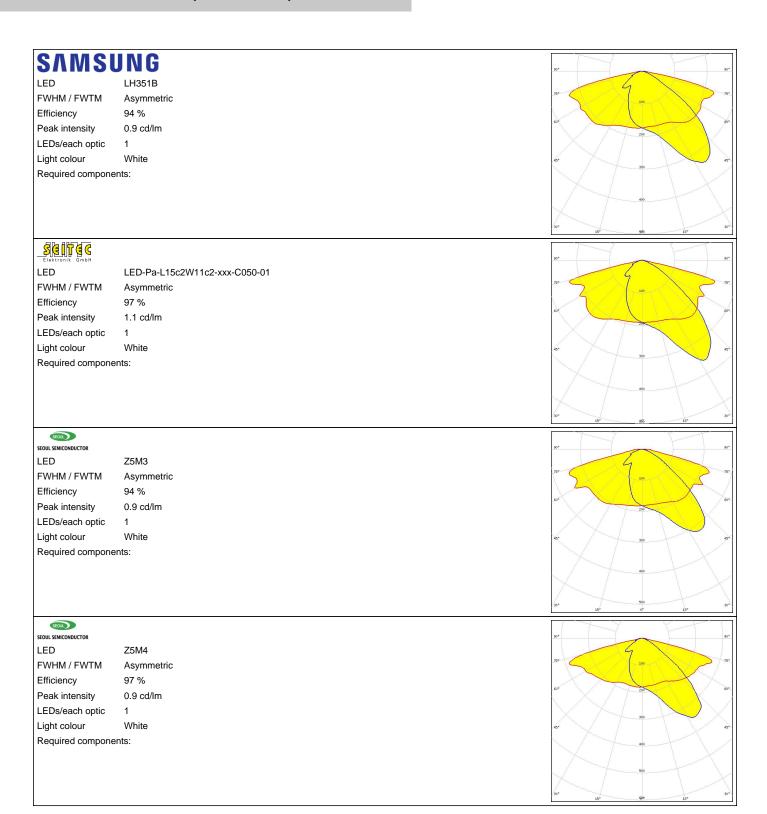
LEDs/each optic 1

Light colour White

Required components:



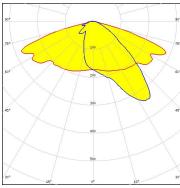
8/23





LED

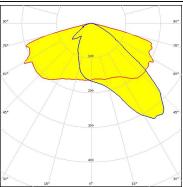
Z8Y22 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 94 % Peak intensity 0.9 cd/lm LEDs/each optic Light colour White Required components:



TOSHIBA

LED TL1L4 FWHM / FWTM Asymmetric Efficiency 81 % Peak intensity 0.8 cd/lm LEDs/each optic 1 White Light colour Required components:

Protective plate, glass



TRIDONIC

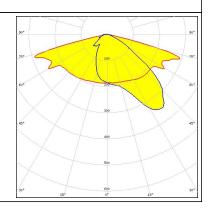
LED RLE 2x4 2000lm HP EXC2 OTD

FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.3 cd/lm LEDs/each optic Light colour White Required components:



RLE 2x8 4000lm HP EXC2 OTD

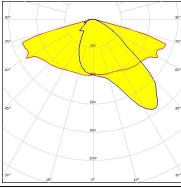
FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1.3 cd/lm LEDs/each optic White Light colour Required components:



TRIDONIC

LED RLE G1 49x121mm 2000lm xxx EXC OTD

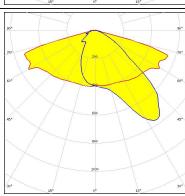
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD

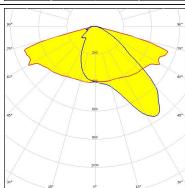
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD

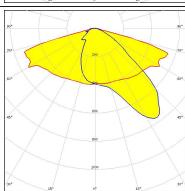
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

LED RLE G1 49x245mm 4000lm xxx EXC OTD

FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

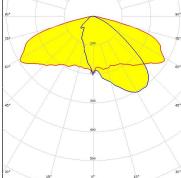


bridgelux

LED Bridgelux SMD 5050

FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass

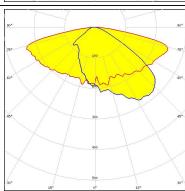


CREE - LED

LED XHP35 HD
FWHM / FWTM Asymmetric
Efficiency 94 %

Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:



CREE = LED

LED XP-G2 HE
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 0.7 cd/lm

LEDs/each optic 1
Light colour White
Required components:

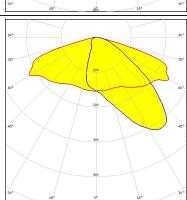
CREE - LED

LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 73 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1

Light colour White Required components:

C17580_STRADA-2X2-SHD-WHT

Protective plate, glass



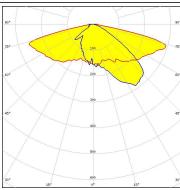
White



LED XP-L HD
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1

Required components:

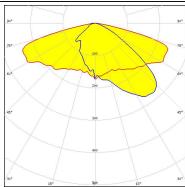
Light colour



CREE \$\(\phi\) LED

LED XP-L2
FWHM / FWTM Asymmetric
Efficiency 80 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

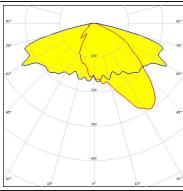
Protective plate, glass



CREE - LED

LED XT-E
FWHM / FWTM Asymmetric
Efficiency 80 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

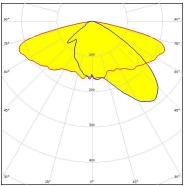
Protective plate, glass



MILEDS

LED LUXEON HL2X
FWHM / FWTM Asymmetric
Efficiency 80 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass



PRODUCT DATASHEET C14165_STRADA-2X2-ME-WIDE2

OPTICAL RESULTS (SIMULATED):

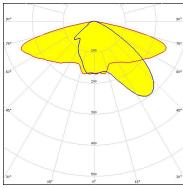


LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)

FWHM / FWTM Asymmetric
Efficiency 81 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:

Protective plate, glass

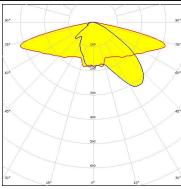


LUMILEDS

LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)

FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White

Required components:

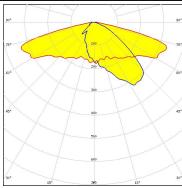


WNICHIA

LED NV4WB35AM
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1

White

Light colour
Required components:

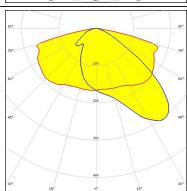


WNICHIA

Required components:

LED NVSW219F
FWHM / FWTM Asymmetric
Efficiency 80 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White

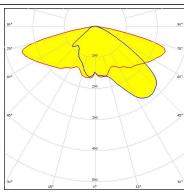
Protective plate, glass





LED NVSW519A
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

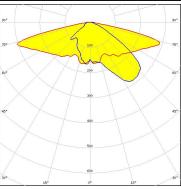
Protective plate, glass



WNICHIA

LED NVSW519A
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White

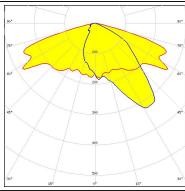
Required components:



WNICHIA

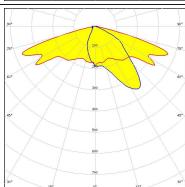
LED NVSxE21A
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass



WNICHIA

LED NVSxE21A
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

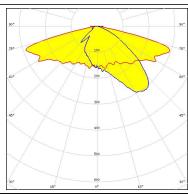




LED NVSxx19B/NVSxx19C

FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.9 cd/lm LEDs/each optic Light colour White

Required components:

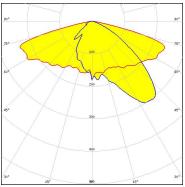


WNICHIA

LED NVSxx19B/NVSxx19C

FWHM / FWTM Asymmetric Efficiency 81 % Peak intensity 0.6 cd/lm LEDs/each optic 1 White Light colour Required components:

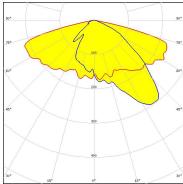
Protective plate, glass



LED PrevaLED Brick HP 2x8

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 92 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White

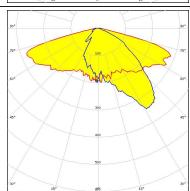
Required components:



OSRAM

LED OSCONIQ P 3737 (2W version)

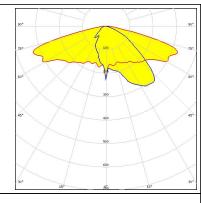
FWHM / FWTM Asymmetric 94 % Efficiency Peak intensity 1 cd/lm LEDs/each optic White Light colour Required components:



OSRAM

LED OSCONIQ P 3737 (3W version)

FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour White Required components:



OSRAM

LED OSCONIQ P 3737 (3W version)

FWHM / FWTM Asymmetric Efficiency 81 % Peak intensity 0.5 cd/lm LEDs/each optic 1 White Light colour

Required components:

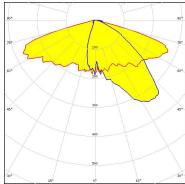
Protective plate, glass

OSRAM

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM Asymmetric Efficiency 79 % Peak intensity 0.8 cd/lm LEDs/each optic Light colour White Required components:

C17580_STRADA-2X2-SHD-WHT



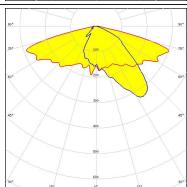
OSRAM

LED

OSLON Square CSSRM2/CSSRM3

FWHM / FWTM Asymmetric 92 % Efficiency 0.9 cd/lm White

Peak intensity LEDs/each optic Light colour Required components:



PRODUCT DATASHEET C14165_STRADA-2X2-ME-WIDE2

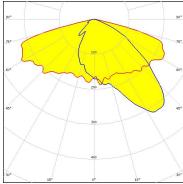
OPTICAL RESULTS (SIMULATED):

OSRAM

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour White Required components:

Protective plate, glass

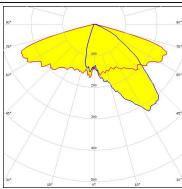


OSRAM

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM Asymmetric Efficiency 73 % Peak intensity 0.8 cd/lm LEDs/each optic 1 White Light colour Required components:

C17677_STRADA-2X2-SHD-BLK

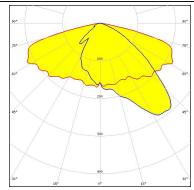


OSRAM

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM Asymmetric Efficiency 79 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White

Protective plate, glass

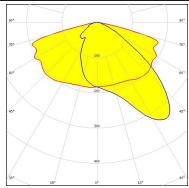


Required components:

Fortimo FastFlex LED 2x8 DA G5

FWHM / FWTM Asymmetric Efficiency 83 % Peak intensity 0.5 cd/lm LEDs/each optic White Light colour Required components:

Protective plate, glass

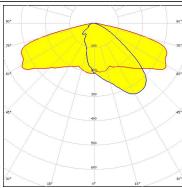


PHILIPS

Fortimo FastFlex LED 2x8 DA HE

FWHM / FWTM Asymmetric Efficiency 97 % Peak intensity 0.5 cd/lm LEDs/each optic Light colour White

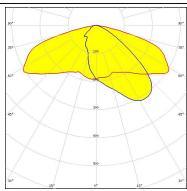
Required components:



LED Fortimo FastFlex LED 2x8 DA HE

FWHM / FWTM Asymmetric Efficiency 83 % Peak intensity 0.4 cd/lm LEDs/each optic 1 White Light colour Required components:

Protective plate, glass

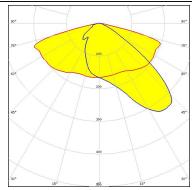


SAMSUNG

LED HiLOM RH12 Z (LH351C)

FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:

Protective plate, glass

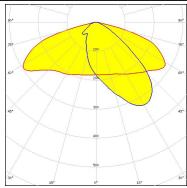


SAMSUNG

HiLOM RM8 Z (LH502C)

FWHM / FWTM Asymmetric Efficiency 84 % Peak intensity 0.5 cd/lm LEDs/each optic White Light colour Required components:

Protective plate, glass



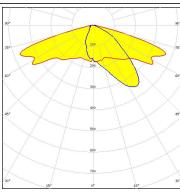
PRODUCT DATASHEET C14165_STRADA-2X2-ME-WIDE2

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LH231B
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White

Required components:

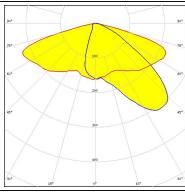


SAMSUNG

LED LH351C
FWHM / FWTM Asymmetric
Efficiency 71 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C17580_STRADA-2X2-SHD-WHT

Protective plate, glass



SAMSUNG

LED LH351C
FWHM / FWTM Asymmetric
Efficiency 64 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C17677_STRADA-2X2-SHD-BLK

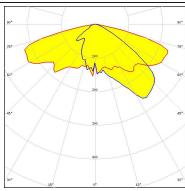
Protective plate, glass

SAMSUNG

Required components:

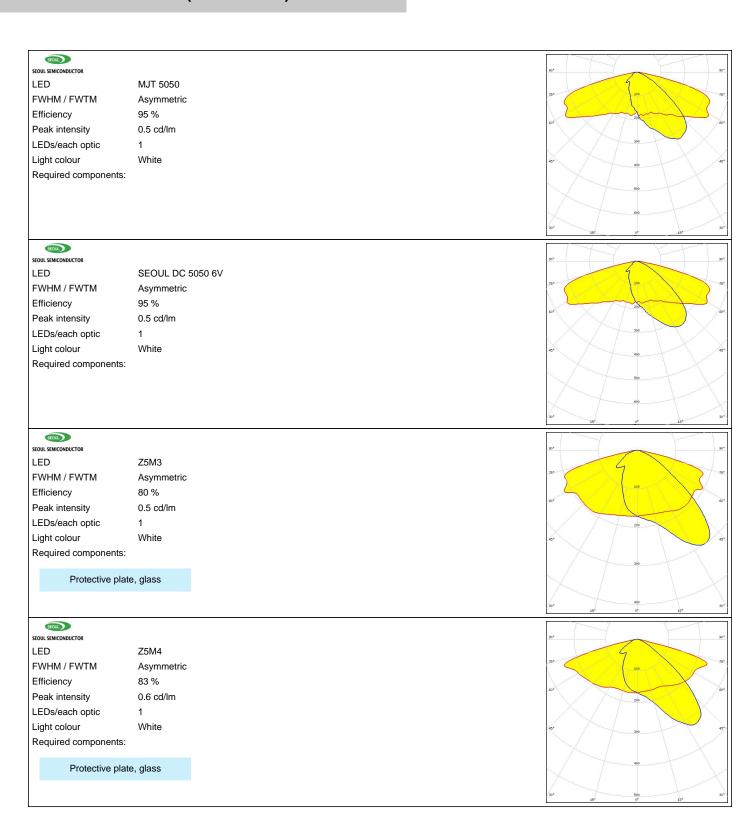
LED LH351D
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Protective plate, glass



PRODUCT DATASHEET C14165_STRADA-2X2-ME-WIDE2

OPTICAL RESULTS (SIMULATED):





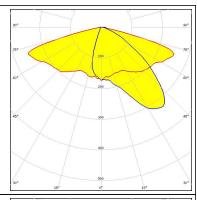
TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD

FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C17677_STRADA-2X2-SHD-BLK

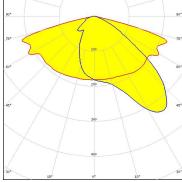


TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD

FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass





PRODUCT DATASHEET C14165_STRADA-2X2-ME-WIDE2

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

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

Local sales and technical support

www.ledil.com/ where_to_buy

Shipping locations

Salo, Finland Hong Kong, China

Distribution Partners

23/23

www.ledil.com/ where_to_buy