# PRODUCT DATASHEET C13858\_STRADA-2X2-XW

#### STRADA-2X2-XW

Extra wide beam for wide area security lighting

#### **TECHNICAL SPECIFICATIONS:**

**Dimensions** 50.0 x 50.0 mm

Height 7.1 mm

glue, pin, screw Fastening

**ROHS** compliant ves 🕕



#### **MATERIAL SPECIFICATIONS:**

Type Material Colour **Finish** Component

STRADA-2X2-XW Multi-lens **PMMA** clear

#### **ORDERING INFORMATION:**

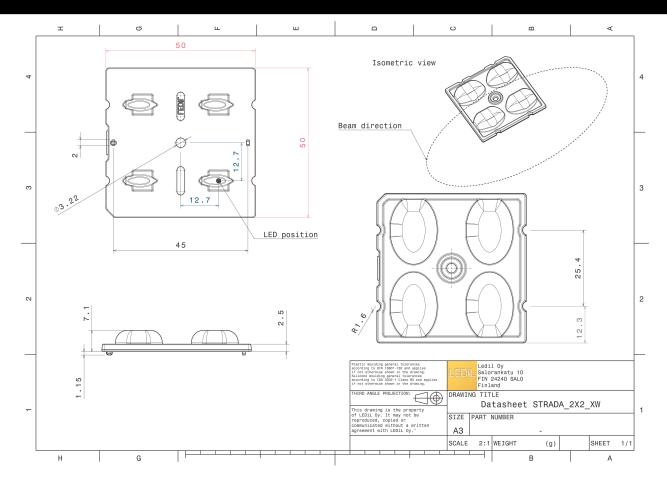
Component Qty in box MOQ MPQ Box weight (kg)

C13858\_STRADA-2X2-XW 800 160 160 8.4 » Box size: 480 x 280 x 300 mm

Published: 19/05/2020 Last update: 22/12/2021 Subject to change without prior notice 1/20

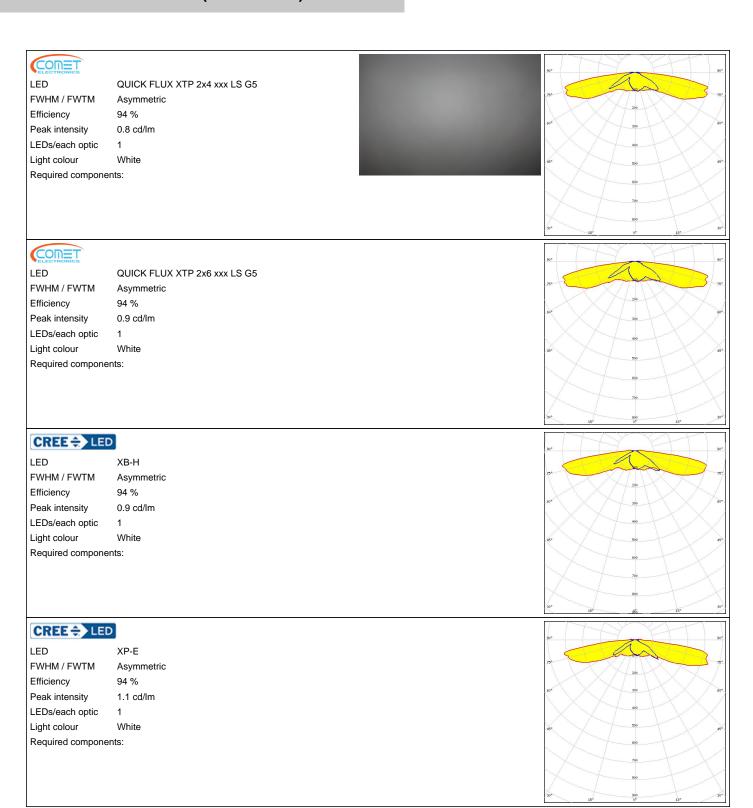


# PRODUCT DATASHEET C13858\_STRADA-2X2-XW



See also our general installation guide: <a href="www.ledil.com/installation\_guide">www.ledil.com/installation\_guide</a>







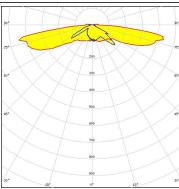
#### CREE - LED

LED XP-E2

FWHM / FWTM Asymmetric Efficiency 94 %

Peak intensity 1.1 cd/lm LEDs/each optic 1

Light colour White Required components:



#### CREE - LED

LED XP-G

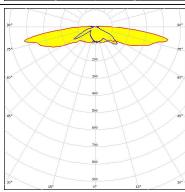
FWHM / FWTM Asymmetric

Efficiency 93 %

Peak intensity 0.9 cd/lm

LEDs/each optic 1 Light colour White

Required components:



#### CREE - LED

LED XP-G3

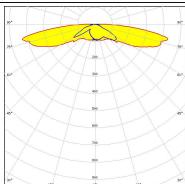
FWHM / FWTM Asymmetric

Efficiency 94 %

Peak intensity 0.8 cd/lm

LEDs/each optic 1 Light colour White

Required components:



#### CREE - LED

LED XP-G3

FWHM / FWTM Asymmetric

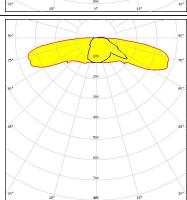
Efficiency 77 %

Peak intensity 0.5 cd/lm LEDs/each optic 1

Light colour White

Required components:

C17580\_STRADA-2X2-SHD-WHT



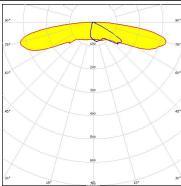


#### CREE - LED

LED XP-G3  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 61 % Peak intensity 0.8 cd/lm

LEDs/each optic Light colour White Required components:

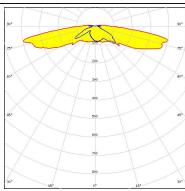
C17677\_STRADA-2X2-SHD-BLK



#### CREE - LED

LED XT-E FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.9 cd/lm LEDs/each optic 1

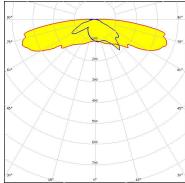
White Light colour Required components:



## LUMILEDS

LED LUXEON 5050 Round LES

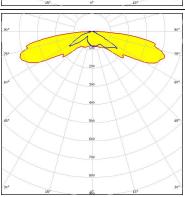
 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 94 % Peak intensity 0.5 cd/lm LEDs/each optic Light colour White Required components:



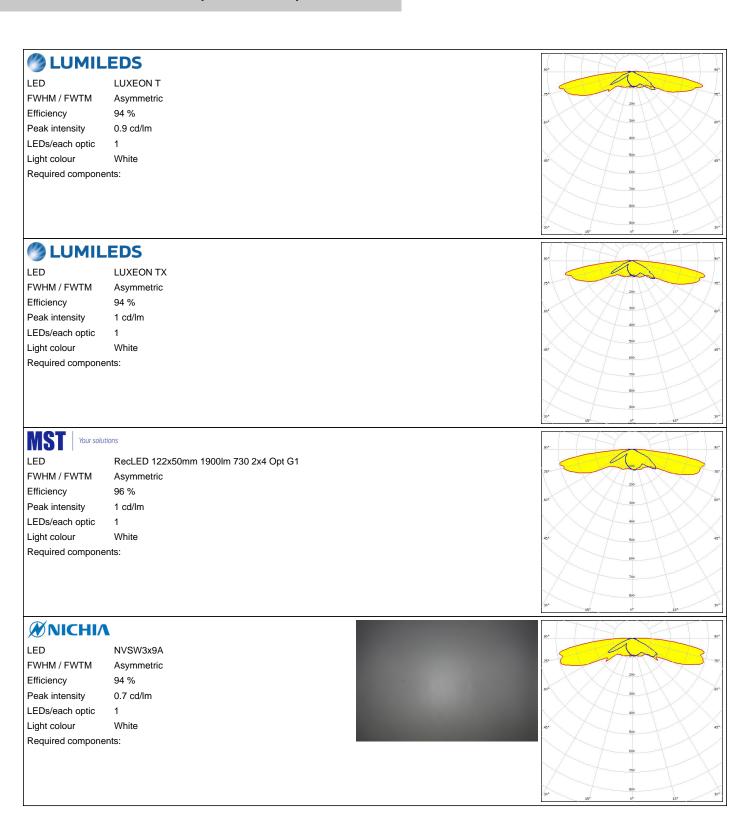
## **MUMILEDS**

LED LUXEON MZ FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.7 cd/lm LEDs/each optic

White Light colour Required components:





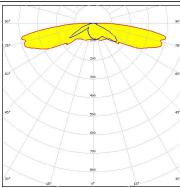




#### **WNICHIA**

LED NVSxx19B/NVSxx19C

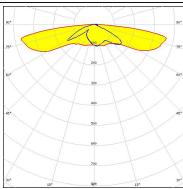
FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 0.8 cd/lm LEDs/each optic Light colour White



Required components:

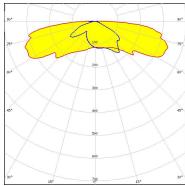
LED PL-BRICK HP 3800 2x8 SSG

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



## OSRAM Opto Semiconductors

LED Duris S8 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.5 cd/lm LEDs/each optic Light colour White Required components:

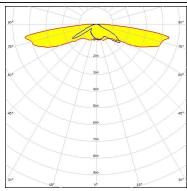


#### **OSRAM**

LED OSLON Square PC

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

Required components:

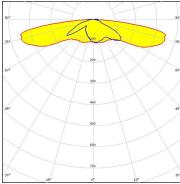




#### **PHILIPS**

LED Fortimo FastFlex LED 2x8 DA G4+

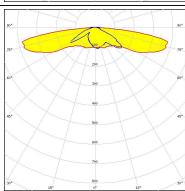
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



#### PHILIPS

LED Fortimo FastFlex LED 2x8 DA G5

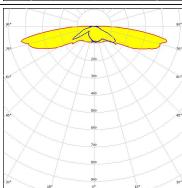
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



## PHILIPS

LED Fortimo FastFlex LED 2x8 DAX G4

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



## **SAMSUNG**

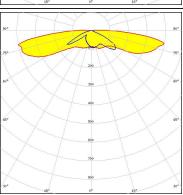
 LH351B

 FWHM / FWTM
 Asymmetric

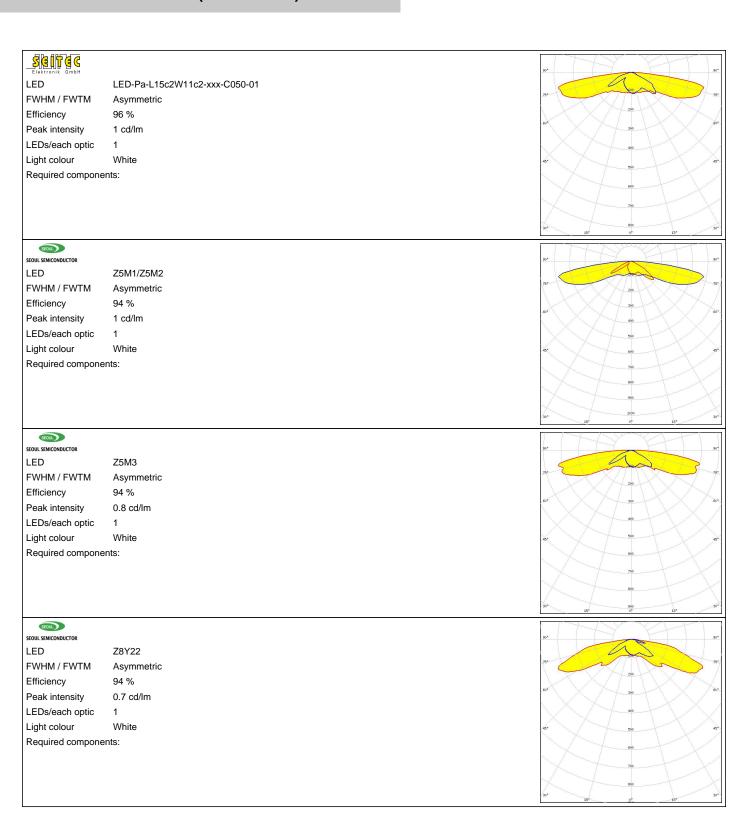
 Efficiency
 94 %

 Peak intensity
 0.8 cd/lm

LEDs/each optic 1
Light colour White
Required components:



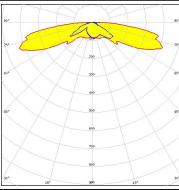






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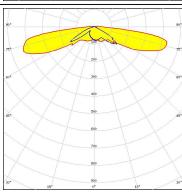
LED Z8Y22P
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



#### **TOSHIBA**

Leading Innovation

LED TL1L4
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



## TRIDONIC

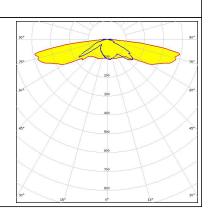
LED RLE 2x4 2000lm HP EXC2 OTD

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



LED RLE 2x8 4000lm HP EXC2 OTD

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

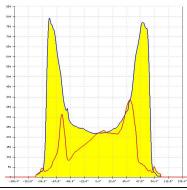




## **TRIDONIC**

LED RLE G1 49x121mm 2000lm xxx EXC OTD

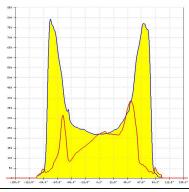
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



## **TRIDONIC**

LED RLE G1 49x133mm 2000lm xxx EXC OTD

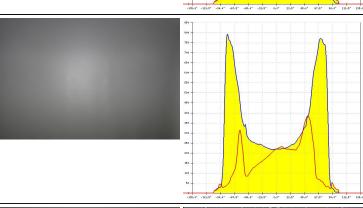
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



## **TRIDONIC**

LED RLE G1 49x223mm 4000lm xxx EXC OTD

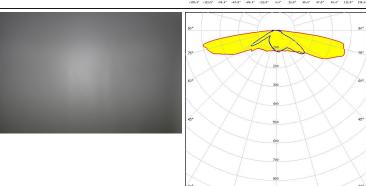
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



## **TRIDONIC**

LED RLE G1 49x245mm 4000lm xxx EXC OTD

FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

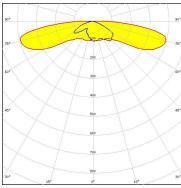




#### CREE \$\text{LED}

LED J Series 5050 Round LES

FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



#### CREE - LED

LED J Series 5050 Round LES

FWHM / FWTM Asymmetric

Efficiency 69 %

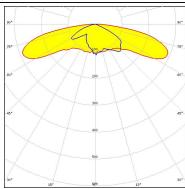
Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:

Protective plate, glass

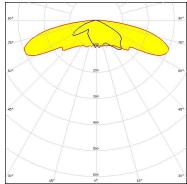


#### CREE + LED

LED J Series 5050 Square LES

FWHM / FWTM Asymmetric
Efficiency 71 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

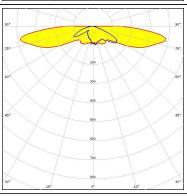
Protective plate, glass



#### CREE & LED

LED XP-G2 HE
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White

Required components:







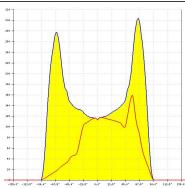
LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 58 %
Peak intensity 0.3 cd/lm

LEDs/each optic 1
Light colour White

Required components:

C17580\_STRADA-2X2-SHD-WHT

Protective plate, glass

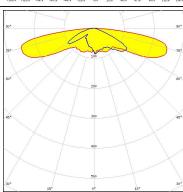


#### CREE - LED

LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 61 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:

Protective plate, glass

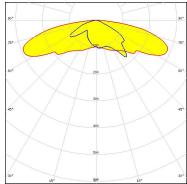


## **MATERIAL PROPERTY OF THE PROP**

LED LUXEON 5050 Round LES

FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Protective plate, glass



## LUMILEDS

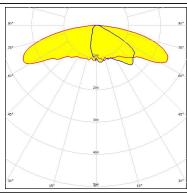
Required components:

LED LUXEON 5050 Round LES

FWHM / FWTM Asymmetric
Efficiency 56 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C17580\_STRADA-2X2-SHD-WHT

Protective plate, glass

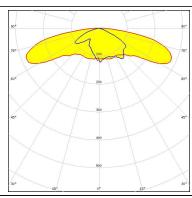




LED LUXEON 5050 Square LES

FWHM / FWTM Asymmetric
Efficiency 70 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass

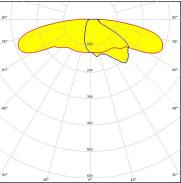


#### LUMILEDS

LED LUXEON 5050 Square LES

FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C17580\_STRADA-2X2-SHD-WHT



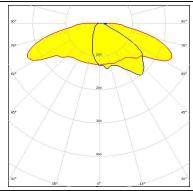
#### LUMILEDS

LED LUXEON 5050 Square LES

FWHM / FWTM Asymmetric
Efficiency 63 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C17580\_STRADA-2X2-SHD-WHT

Protective plate, glass

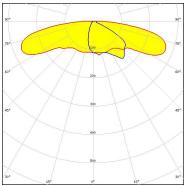


## **MUMILEDS**

LED LUXEON 5050 Square LES

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





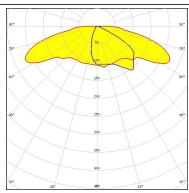


LED LUXEON 5050 Square LES

FWHM / FWTM Asymmetric
Efficiency 53 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components: C17677\_STRADA-2X2-SHD-BLK

Protective plate, glass

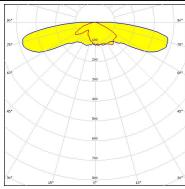


## LUMILEDS

LED LUXEON 5050 Square LES

FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White

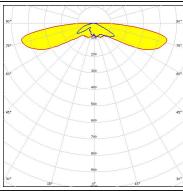
Required components:



#### **WNICHIA**

LED NV4WB35AM
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White

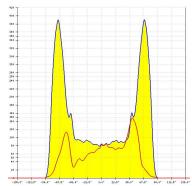
Required components:



#### **WNICHIA**

LED NVSxE21A
FWHM / FWTM Asymmetric
Efficiency 71 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

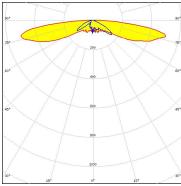
Protective plate, glass



LED PrevaLED Brick HP 2x8

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 86 % Peak intensity 0.9 cd/lm LEDs/each optic Light colour White

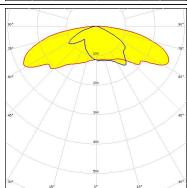
Required components:



#### **OSRAM**

LED Duris S8 FWHM / FWTM Asymmetric Efficiency 75 % Peak intensity 0.4 cd/lm LEDs/each optic 1 White Light colour Required components:

Protective plate, glass

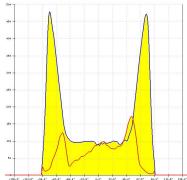


## OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (2W version)

FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White

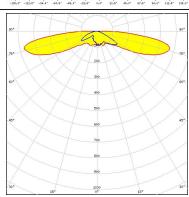
Required components:



#### **OSRAM**

LED OSCONIQ P 3737 (3W version)

FWHM / FWTM Asymmetric Efficiency 90 % Peak intensity 0.7 cd/lm LEDs/each optic White Light colour Required components:



# PRODUCT DATASHEET C13858\_STRADA-2X2-XW

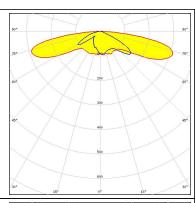
#### PHOTOMETRIC DATA (SIMULATED):

#### **OSRAM**

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM Asymmetric
Efficiency 66 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass



#### **OSRAM**

Opto Semiconductor

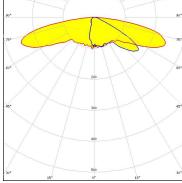
LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM Asymmetric
Efficiency 53 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C17580\_STRADA-2X2-SHD-WHT

Protective plate, glass



#### **OSRAM**

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

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

Required components:

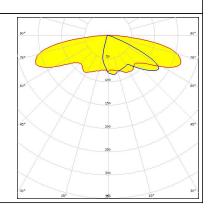
## **PHILIPS**

LED Fortimo FastFlex LED 2x8 DA G4+

FWHM / FWTM Asymmetric
Efficiency 42 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C17677\_STRADA-2X2-SHD-BLK

Protective plate, glass



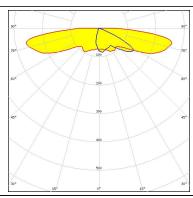


## **PHILIPS**

Fortimo FastFlex LED 2x8 DA G4+

FWHM / FWTM Asymmetric Efficiency 55 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour White Required components:

C17677\_STRADA-2X2-SHD-BLK

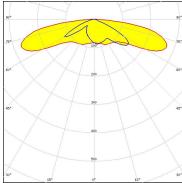


## **SAMSUNG**

LED LH351B FWHM / FWTM Asymmetric Efficiency 68 % Peak intensity 0.6 cd/lm LEDs/each optic 1 White Light colour

Required components:

Protective plate, glass



## **SAMSUNG**

LED LH351B FWHM / FWTM Asymmetric Efficiency 56 % Peak intensity 0.4 cd/lm LEDs/each optic 1 White

Light colour Required components:

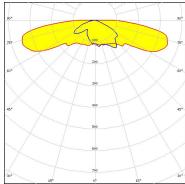
C17580\_STRADA-2X2-SHD-WHT

Protective plate, glass

#### SEOUL SEOUL SEMICONDUCTOR

MJT 5050 LED FWHM / FWTM Asymmetric Efficiency 89 % Peak intensity 0.4 cd/lm

LEDs/each optic White Light colour Required components:





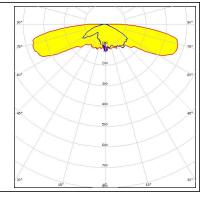


LED

SEOUL DC 5050 6V

FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:



# PRODUCT DATASHEET C13858\_STRADA-2X2-XW

#### **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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#### **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

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