PRODUCT DATASHEET C13858_STRADA-2X2-XW

STRADA-2X2-XW

Extra wide beam for wide area security lighting

SPECIFICATION:

Dimensions 50.0 x 50.0 mm

Height 7.1 mm

Fastening glue, pin, screw

ROHS compliant yes 1



MATERIALS:

ComponentTypeMaterialColourFinishSTRADA-2X2-XWMulti-lensPMMAclear

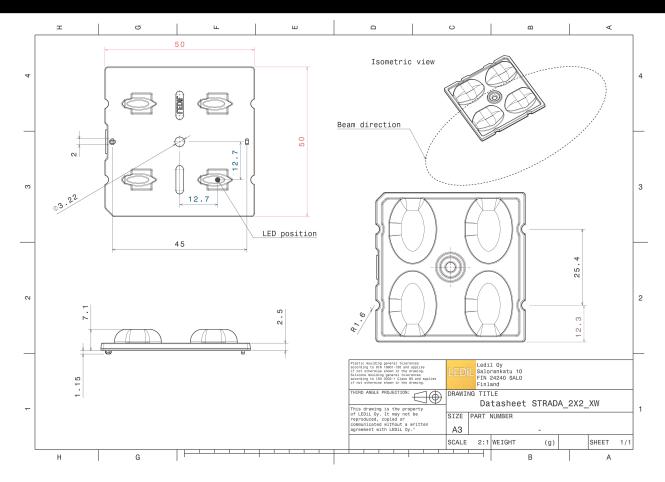
ORDERING INFORMATION:

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

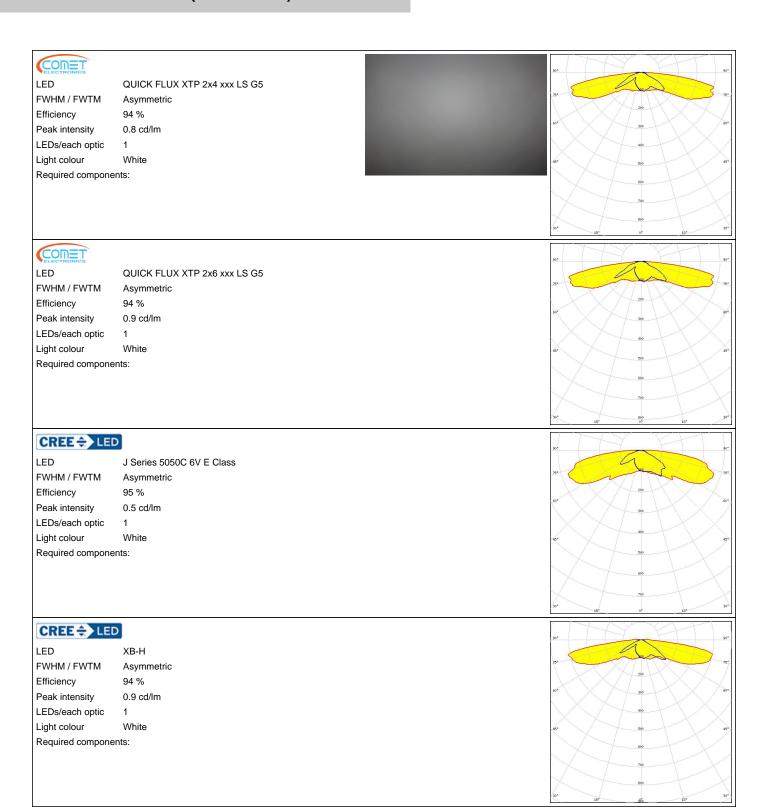


PRODUCT DATASHEET C13858_STRADA-2X2-XW



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







CREE \$\text{LED}

LED XP-E

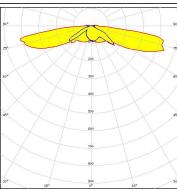
FWHM / FWTM Asymmetric Efficiency 94 %

Peak intensity 1.1 cd/lm

LEDs/each optic

Light colour White

Required components:



CREE - LED

LED XP-E2

FWHM / FWTM Asymmetric

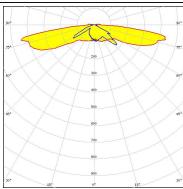
Efficiency 94 %

Peak intensity 1.1 cd/lm

LEDs/each optic 1

Light colour White

Required components:



CREE - LED

LED XP-G

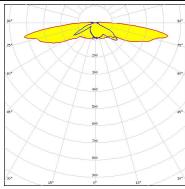
FWHM / FWTM Asymmetric

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

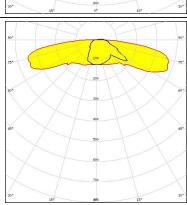
Efficiency 77 %

Peak intensity 0.5 cd/lm

LEDs/each optic 1 Light colour White

Required components:

C17580_STRADA-2X2-SHD-WHT

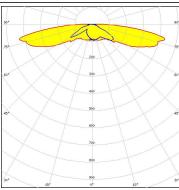




CREE - LED

LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1

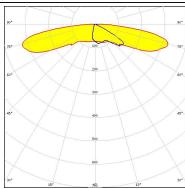
Light colour White Required components:



CREE - LED

LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 61 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White

C17677_STRADA-2X2-SHD-BLK

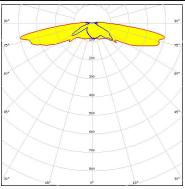


CREE - LED

Required components:

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

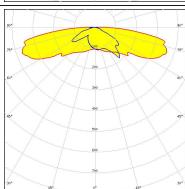
Light colour White Required components:



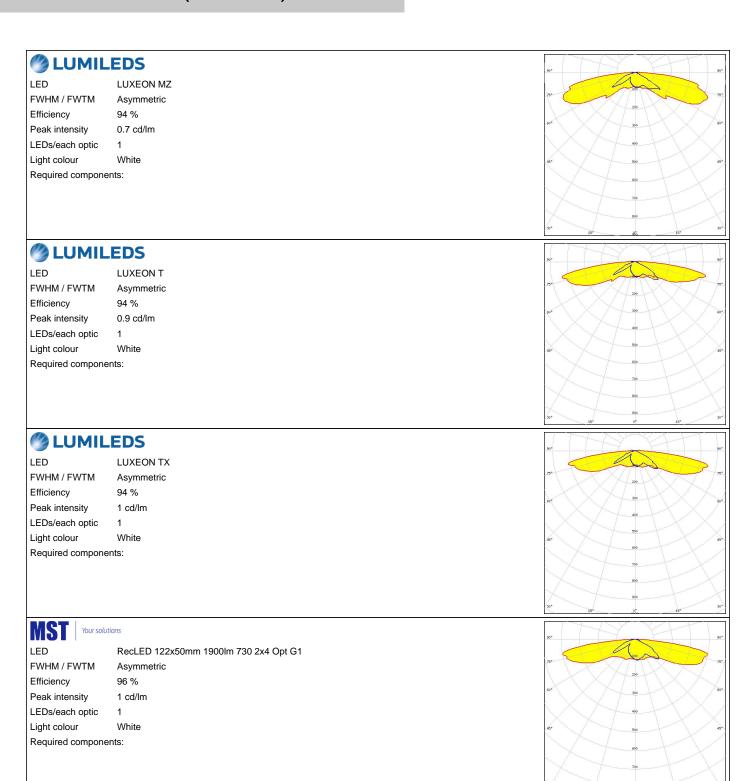
MILEDS

LED LUXEON 5050 Round LES

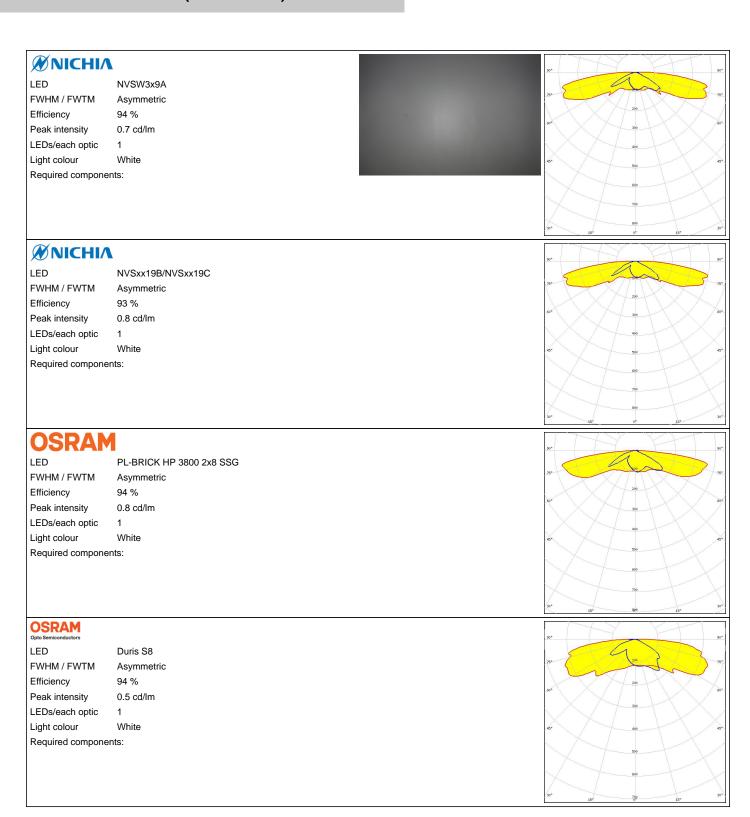
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:











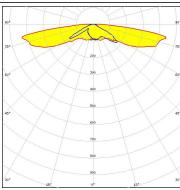


OSRAM

LED OSLON Square PC

FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1

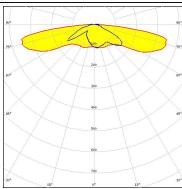
Light colour White Required components:



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4+

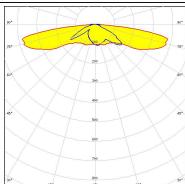
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G5

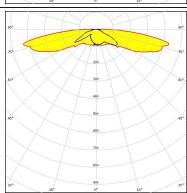
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:

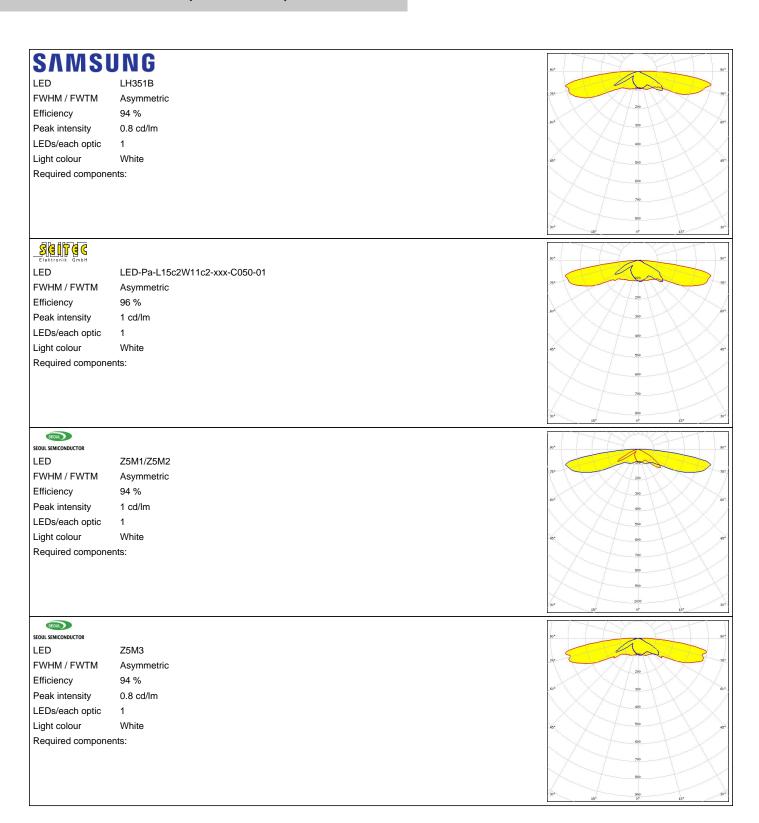


Published: 19/05/2020

9/23



OPTICAL RESULTS (MEASURED):



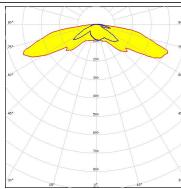




LED

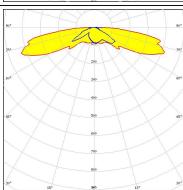
Required components:

Z8Y22 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 94 % Peak intensity 0.7 cd/lm LEDs/each optic Light colour White



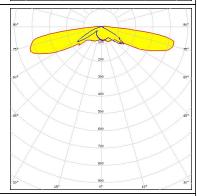
SEOUL SEOUL SEMICONDUCTOR

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



TOSHIBA

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



TRIDONIC

RLE 2x4 2000lm HP EXC2 OTD

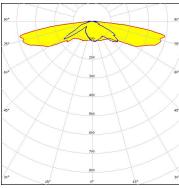
FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1 cd/lm LEDs/each optic White Light colour Required components:



TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD

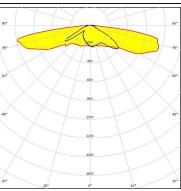
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

LED RLE G1 49x121mm 2000lm xxx EXC OTD

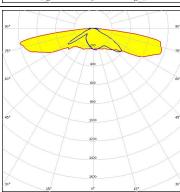
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD

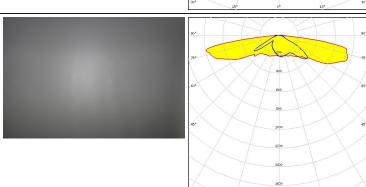
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:

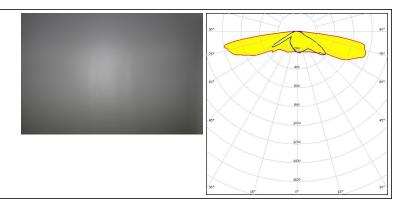




TRIDONIC

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:

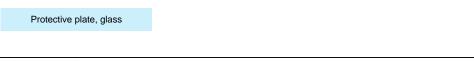




CREE \$ LED

LED J Series 5050 Round LES

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 69 % Peak intensity 0.4 cd/lm LEDs/each optic Light colour White Required components:

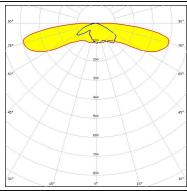


CREE - LED

LED J Series 5050 Round LES

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

Required components:

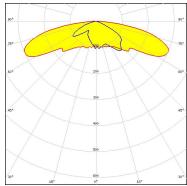


CREE - LED

LED J Series 5050B 6V K Class

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 71 % Peak intensity 0.4 cd/lm LEDs/each optic Light colour White

Protective plate, glass



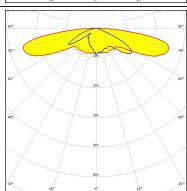
CREE & LED

Required components:

XP-G FWHM / FWTM Asymmetric Efficiency 62 % Peak intensity 0.5 cd/lm LEDs/each optic

White Light colour Required components:

Protective plate, glass

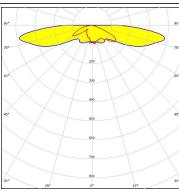






LED XP-G2 HE
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White

Required components:

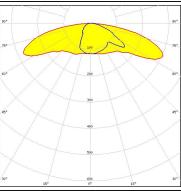


CREE \$\(\phi\) LED

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

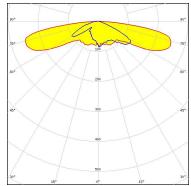
Protective plate, glass



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

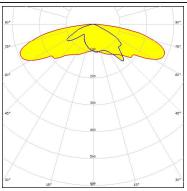


MILEDS

LED LUXEON 5050 Round LES

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

Protective plate, glass



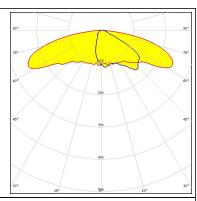


LED LUXEON 5050 Round LES

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



LUMILEDS

LED LUXEON 5050 Square LES

FWHM / FWTM Asymmetric

Efficiency 63 %

Peak intensity 0.4 cd/lm

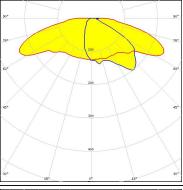
LEDs/each optic 1

Light colour White

Required components:

C17580_STRADA-2X2-SHD-WHT

Protective plate, glass

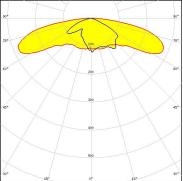


MATERIAL SOLUTION

LED LUXEON 5050 Square LES

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

Protective plate, glass

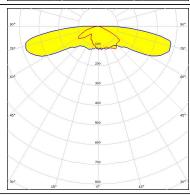


MILEDS

Required components:

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:



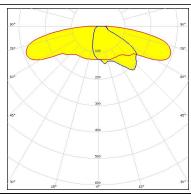




LED LUXEON 5050 Square LES

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 53 %

Peak intensity 0.4 cd/lm

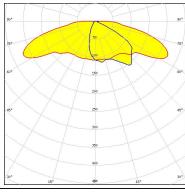
LEDs/each optic 1

Light colour White

Required components:

C17677_STRADA-2X2-SHD-BLK

Protective plate, glass

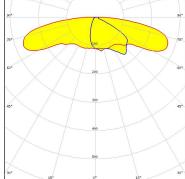


MUMILEDS

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

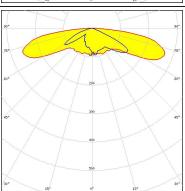


LUMILEDS

LED LUXEON HL2X
FWHM / FWTM Asymmetric
Efficiency 64 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:

Protective plate, glass



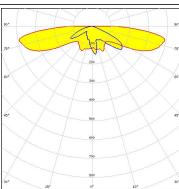




LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)

FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White

LEDs/each optic 1
Light colour White
Required components:

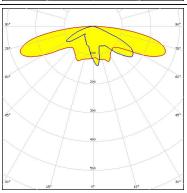


LUMILEDS

LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)

FWHM / FWTM Asymmetric
Efficiency 68 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass

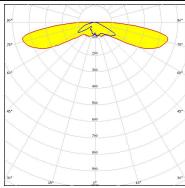


WNICHIA

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

White

Light colour
Required components:

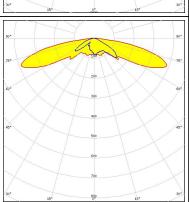


WNICHIA

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

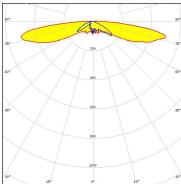




LED PrevaLED Brick HP 2x8

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

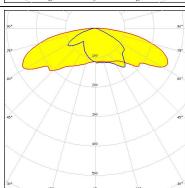
Required components:



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

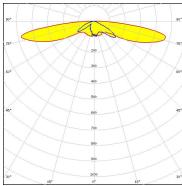


OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (2W version)

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

Required components:

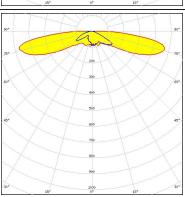


OSRAM

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:



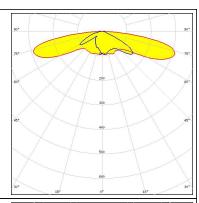


OSRAM

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

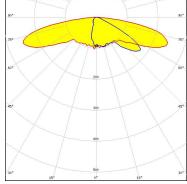
LED OSLON Square CSSRM2/CSSRM3

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



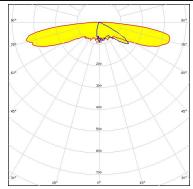
OSRAM

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM Asymmetric
Efficiency 58 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C17677_STRADA-2X2-SHD-BLK



OSRAM

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:

PRODUCT DATASHEET C13858_STRADA-2X2-XW

OPTICAL RESULTS (SIMULATED):

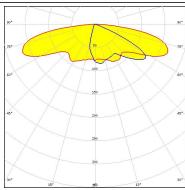
PHILIPS

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

LED Fortimo FastFlex LED 2x8 DA G4+

FWHM / FWTM Asymmetric

Efficiency 55 %

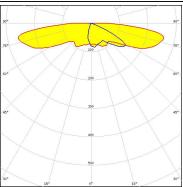
Peak intensity 0.6 cd/lm

LEDs/each optic 1

Light colour White

Required components:

C17677_STRADA-2X2-SHD-BLK

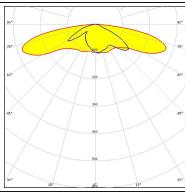


PHILIPS

LED Fortimo FastFlex LED 2x8 DA G5

FWHM / FWTM Asymmetric
Efficiency 70 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White

Protective plate, glass



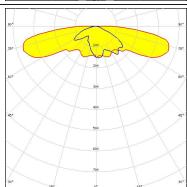
PHILIPS

Required components:

LED Fortimo FastFlex LED 2x8 DA HE

FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

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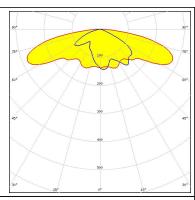


PHILIPS

LED Fortimo FastFlex LED 2x8 DA HE

FWHM / FWTM Asymmetric
Efficiency 74 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass



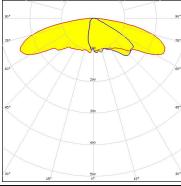
SAMSUNG

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

Light colour W Required components:

C17580_STRADA-2X2-SHD-WHT

Protective plate, glass



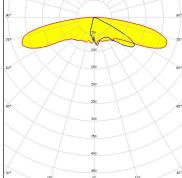
SAMSUNG

LED LH351B
FWHM / FWTM Asymmetric
Efficiency 45 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C17677_STRADA-2X2-SHD-BLK

Protective plate, glass

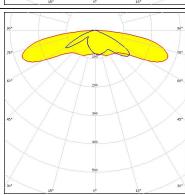


SAMSUNG

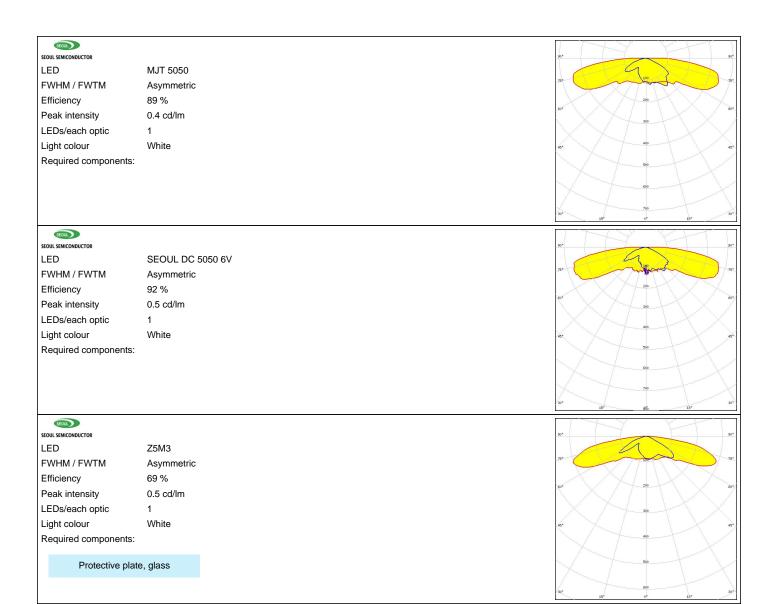
LED LH351B
FWHM / FWTM Asymmetric
Efficiency 68 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White

Required components:

Protective plate, glass







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.

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