PRODUCT DATASHEET C15217_STRADA-2X2-CAT-B

STRADA-2X2-CAT-B

Narrow catenary street light beam, optimized for **EN13201 M-classes and tilted poles**

SPECIFICATION:

Dimensions 50.0 x 50.0 mm Height 7.7 mm Fastening pin, screw yes 🕕 **ROHS** compliant



MATERIALS:

Component **Type** Material Colour **Finish** STRADA-2X2-CAT-B Multi-lens **PMMA** clear

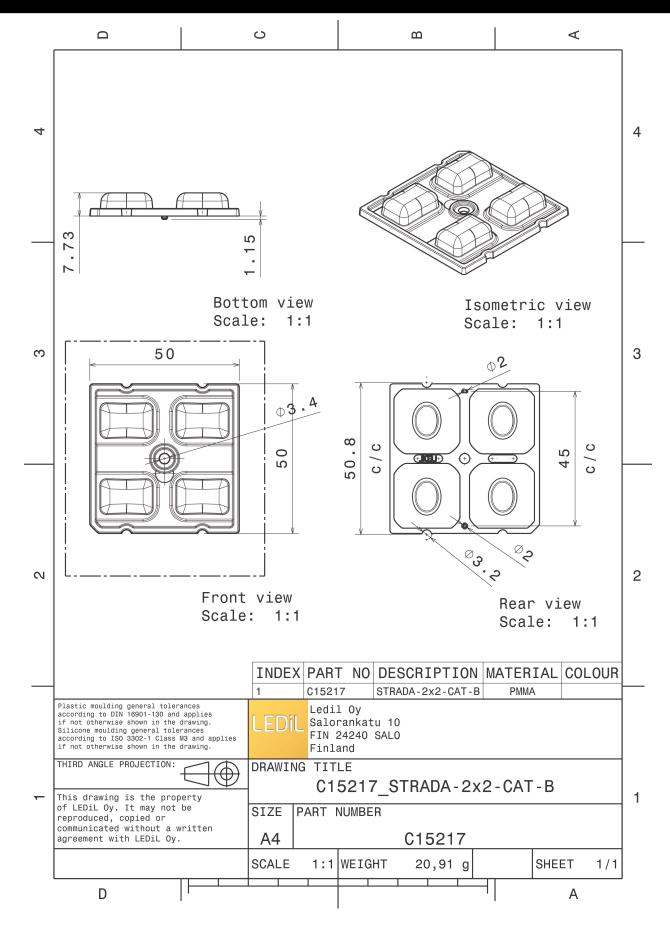
ORDERING INFORMATION:

MOQ Component Qty in box MPQ Box weight (kg) C15217_STRADA-2X2-CAT-B 800 160 160 7.0

» Box size: 480 x 280 x 300 mm

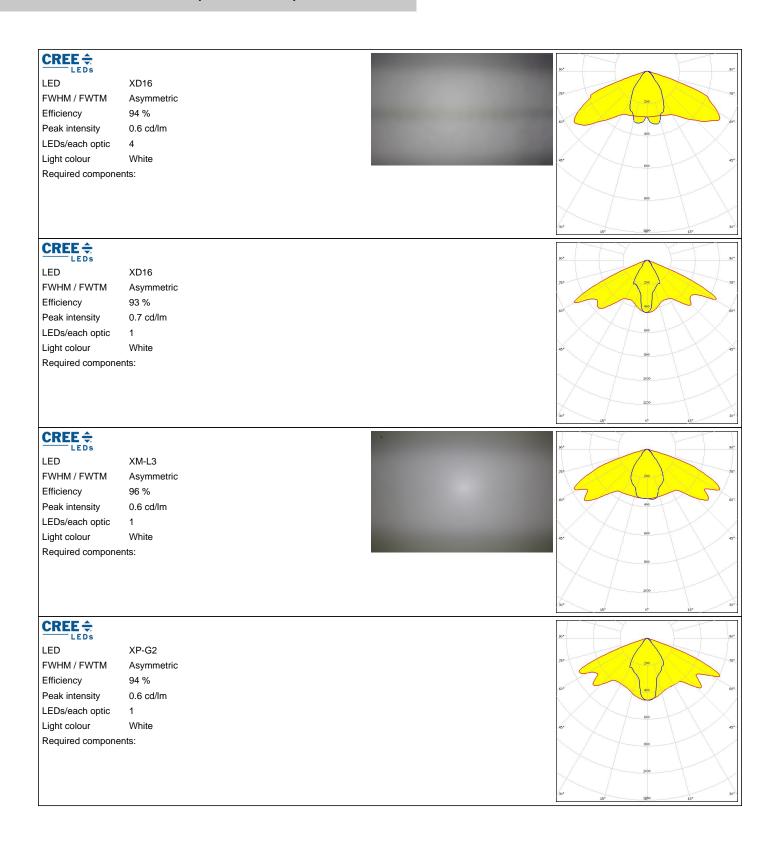


PRODUCT DATASHEET C15217_STRADA-2X2-CAT-B



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







CREE &

LED XP-G3

FWHM / FWTM Asymmetric Efficiency 84 %

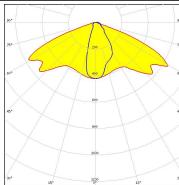
Efficiency 84 %
Peak intensity 0.6 cd/lm

LEDs/each optic

Light colour White

Required components:

C17580_STRADA-2X2-SHD-WHT



CREE \$

LED

FWHM / FWTM Asymmetric

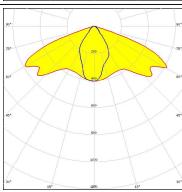
XP-G3

Efficiency 95 %

Peak intensity 0.6 cd/lm

LEDs/each optic 1

Light colour White Required components:



CREE -

LED

XP-G3

FWHM / FWTM Asymmetric

Efficiency 67 %

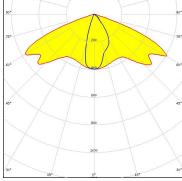
Peak intensity 0.6 cd/lm

LEDs/each optic 1

Light colour White

Required components:

C17677_STRADA-2X2-SHD-BLK



DESCRIPTION LUMILEDS

LED

LUXEON 5050 Round LES

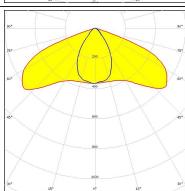
FWHM / FWTM Asymmetric

Efficiency 94 %

Peak intensity 0.6 cd/lm LEDs/each optic 1

Light colour White

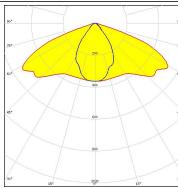
Required components:







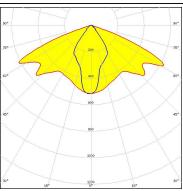
LUXEON V LED $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 94 % Peak intensity 0.5 cd/lm LEDs/each optic Light colour White



Required components:

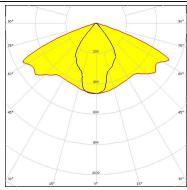
LED RecLED 122x50mm 1900lm 730 2x4 Opt G1

FWHM / FWTM Asymmetric Efficiency 97 % Peak intensity 0.6 cd/lm LEDs/each optic 1 White Light colour Required components:



WNICHIA

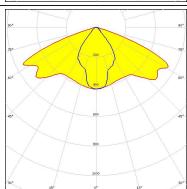
LED NVSW219D FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour White



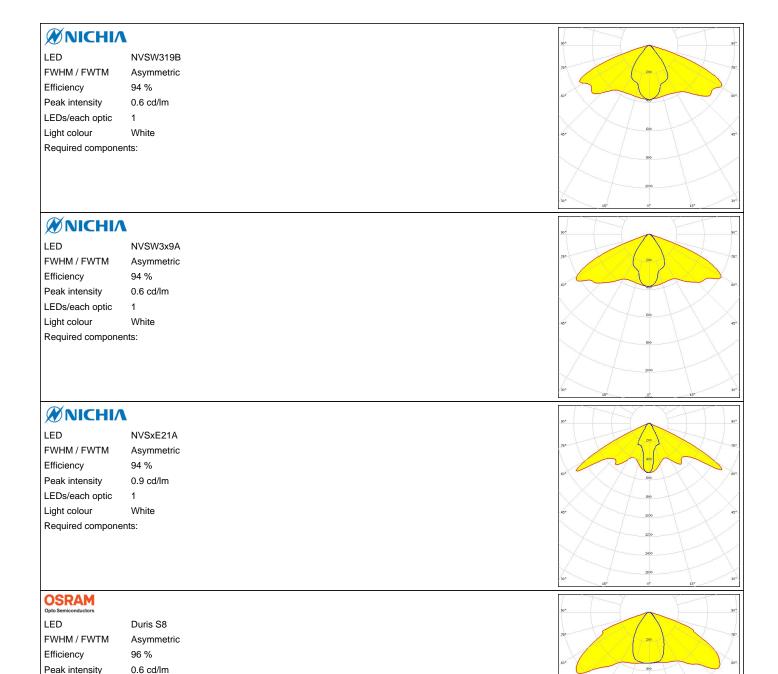
WNICHIA

Required components:

LED NVSW219F FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic White Light colour Required components:







LEDs/each optic

Required components:

Light colour

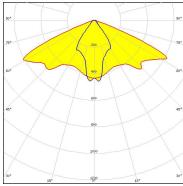
White



OSRAM

LED OSLON Square PC

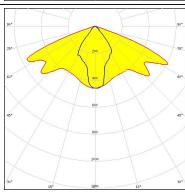
FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour White



Required components:

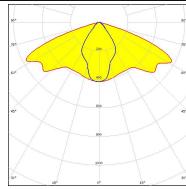
Fortimo FastFlex LED 2x8 DA G4 LED

FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 White Light colour Required components:



LED Fortimo FastFlex LED 2x8 DA G4+

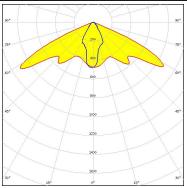
FWHM / FWTM Asymmetric Efficiency 97 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour White Required components:



SAMSUNG

HiLOM RC12 Z (LH181B)

FWHM / FWTM Asymmetric Efficiency 96 % Peak intensity 0.9 cd/lm LEDs/each optic White Light colour Required components:



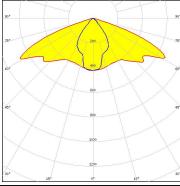


SAMSUNG

HiLOM RH12 Z (LH351C)

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

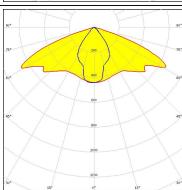
Required components:



SAMSUNG

LED HiLOM RH16 (LH351C)

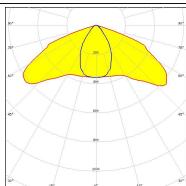
FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.7 cd/lm LEDs/each optic 1 White Light colour Required components:



SAMSUNG

LED HiLOM RM12 Z (LH502C)

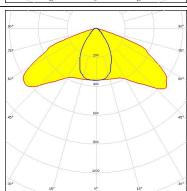
FWHM / FWTM Asymmetric Efficiency 96 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour White Required components:



SAMSUNG

HiLOM RM16 Z (LH502C)

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



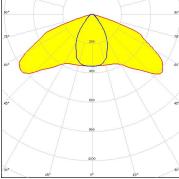


SAMSUNG

LED HILOM RM8 Z (LH502C)

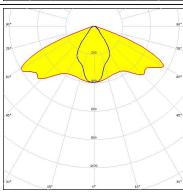
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White

Required components:



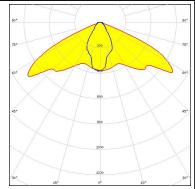
SEOUL SEMICONDUCTOR

LED Z5M3
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

LED RLE 2x4 2000lm HP EXC2 OTD

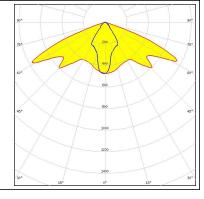
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD

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

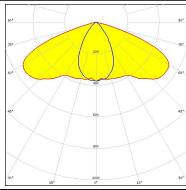




CREE &

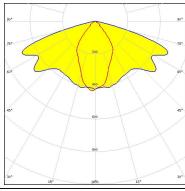
LED J Series 5050 Round LES

FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE &

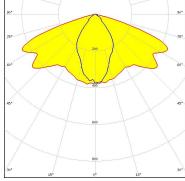
LED XP-G2 HE
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE -

LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass

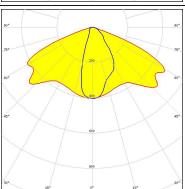


CREE \$

LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 74 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C17580_STRADA-2X2-SHD-WHT

Protective plate, glass



CREE &

LED XP-L2

FWHM / FWTM Asymmetric

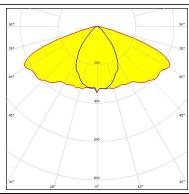
Efficiency 84 %

Peak intensity 0.4 cd/lm LEDs/each optic 1

Light colour White

Required components:

Protective plate, glass



CREE &

LED XT-E

FWHM / FWTM Asymmetric

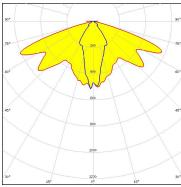
Efficiency 93 %

Peak intensity 0.6 cd/lm

LEDs/each optic 1

Light colour White

Required components:



MUMILEDS

LED LUXEON 3030 2D (Square LES)

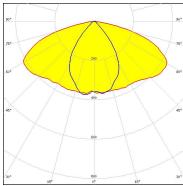
FWHM / FWTM Asymmetric

Efficiency 94 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1
Light colour White

Required components:



LUMILEDS

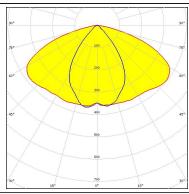
LED LUXEON 3030 2D (Square LES)

FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 0.4 cd/lm

LEDs/each optic 1
Light colour White

Required components:

Protective plate, glass



12/21



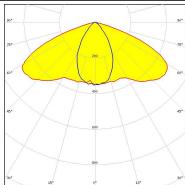


LED LUXEON 5050 HE

FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:

Protective plate, glass

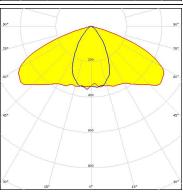


LUMILEDS

LED LUXEON 5050 Round LES

FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass

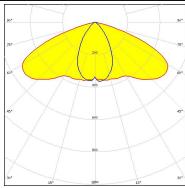


LUMILEDS

LED LUXEON 5050 Square LES

FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:

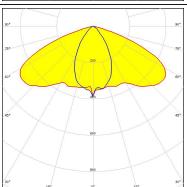


MILEDS

LED LUXEON 5050 Square LES

FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass

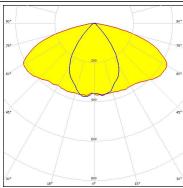




LED LUXEON 5050 Square LES

FWHM / FWTM Asymmetric
Efficiency 94 %
LEDs/each optic 1
Light colour White

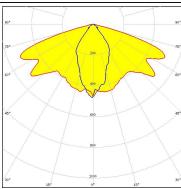
Required components:



LUMILEDS

LED LUXEON V2
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:

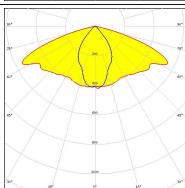


DESCRIPTION LUMILEDS

LED LUXEON XR-HL2X (L2H2-xxxxxxMLU010)

FWHM / FWTM 144.0 + 64.0° / 154.0 + 92.0°

Efficiency 94 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



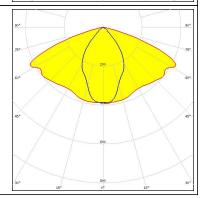
LUMILEDS

LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)

FWHM / FWTM 142.0 + 65.0° / 154.0 + 94.0°

Efficiency 85 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass



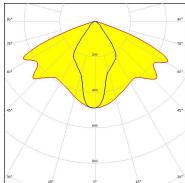




RecLED 122x50mm 1900lm 730 2x4 Opt G1

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 88 % Peak intensity 0.5 cd/lm LEDs/each optic Light colour White Required components:

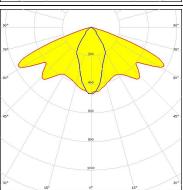
Protective plate, glass



WNICHIA

LED NF2x757G FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 0.6 cd/lm LEDs/each optic 1 White Light colour Required components:

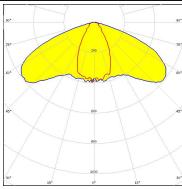
Protective plate, glass



WNICHIA

LED NFMW48xA FWHM / FWTM Asymmetric Efficiency 99 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White

Required components:



WNICHIA

LED NV4WB35AM FWHM / FWTM Asymmetric 94 % Efficiency Peak intensity 0.6 cd/lm LEDs/each optic White Light colour Required components:

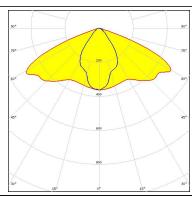




LED NVSW3x9A
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:

Protective plate, glass



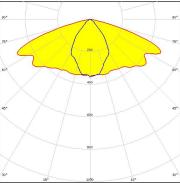
WNICHIA

LED NVSW519A

FWHM / FWTM 146.0 + 70.0° / 156.0 + 105.0°

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

Required components:



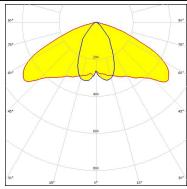
WNICHIA

LED NVSxE21A

FWHM / FWTM 132.0 + 63.0° / 150.0 + 106.0°

Efficiency 83 %
Peak intensity 0.5 cd/lm
LEDs/each optic 4
Light colour White
Required components:

Protective plate, glass

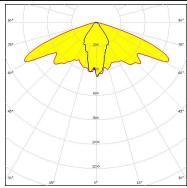


WNICHIA

LED NVSxx19B/NVSxx19C

FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White

Required components:



PRODUCT DATASHEET C15217_STRADA-2X2-CAT-B

OPTICAL RESULTS (SIMULATED):

OSRAM

LED

Duris S8

FWHM / FWTM

Asymmetric 84 %

Efficiency Peak intensity

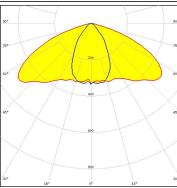
LEDs/each optic

0.5 cd/lm

White

Light colour Required components:

Protective plate, glass



OSRAM

LED OSCONIQ P 3737 (3W version)

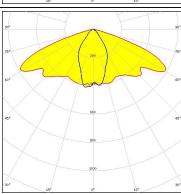
FWHM / FWTM Asymmetric Efficiency

93 %

Peak intensity 0.6 cd/lm LEDs/each optic 1

White Light colour

Required components:



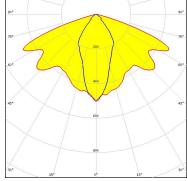
OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM Asymmetric Efficiency 85 %

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

Protective plate, glass



OSRAM

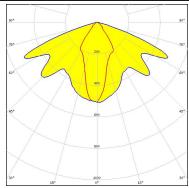
LED

OSLON Square CSSRM2/CSSRM3

FWHM / FWTM 140.0 + 35.0° Efficiency 84 % LEDs/each optic White Light colour

Required components:

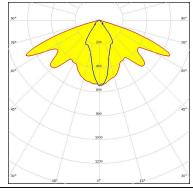
Protective plate, glass



OSRAM

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.7 cd/lm LEDs/each optic Light colour White Required components:

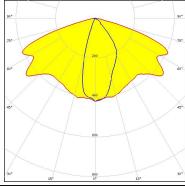


LED Fortimo FastFlex LED 2x8 DA G4+

FWHM / FWTM Asymmetric Efficiency 67 % Peak intensity 0.5 cd/lm LEDs/each optic 1 White Light colour Required components:

C17677_STRADA-2X2-SHD-BLK

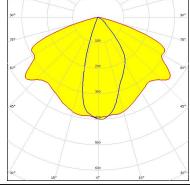
Protective plate, glass



Fortimo FastFlex LED 2x8 DA G4+

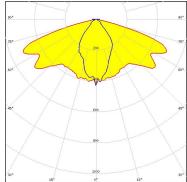
 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 62 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White

Required components: C17677_STRADA-2X2-SHD-BLK Protective plate, glass



Fortimo FastFlex LED 2x8 DAX G4 LED

FWHM / FWTM Asymmetric 93 % Efficiency Peak intensity 0.5 cd/lm LEDs/each optic White Light colour Required components:





SAMSUNG

LED LH351B

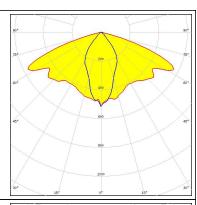
FWHM / FWTM Asymmetric

Efficiency 94 %

Peak intensity 0.6 cd/lm

LEDs/each optic 1
Light colour White

Required components:



SAMSUNG

LED LH351B

FWHM / FWTM Asymmetric

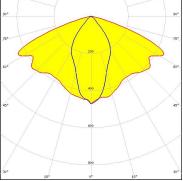
Efficiency 85 %

Peak intensity 0.5 cd/lm LEDs/each optic 1

Light colour White

Required components:

Protective plate, glass



SECUL SENICONDUCTOR

LED MJT 5050

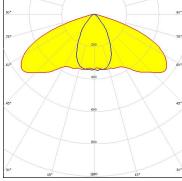
FWHM / FWTM Asymmetric Efficiency 92 %

Peak intensity 0.6 cd/lm

LEDs/each optic 1

Light colour White

Required components:



SEOUL SEMICONDUCTOR

LED Z5M3

FWHM / FWTM Asymmetric

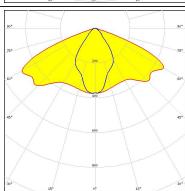
Efficiency 86 %
Peak intensity 0.5 cd/lm

LEDs/each optic 1

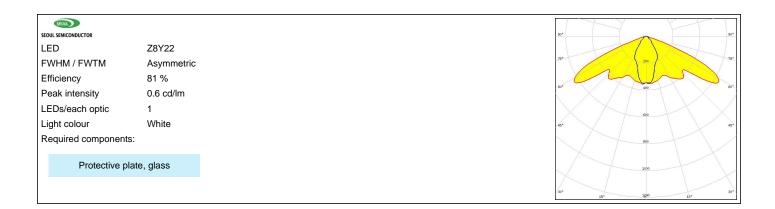
Light colour White

Required components:

Protective plate, glass







PRODUCT DATASHEET C15217_STRADA-2X2-CAT-B

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:

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