PRODUCT DATASHEET C15594_STRADA-2X2-MEW

STRADA-2X2-MEW

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

SPECIFICATION:

Dimensions 50.0 x 50.0 Height 10.2 mm Fastening screw ROHS compliant yes 1



MATERIALS:

ComponentTypeMaterialColourFinishLength (mm)STRADA-2X2-MEWMulti-lensPMMAclear

ORDERING INFORMATION:

Component

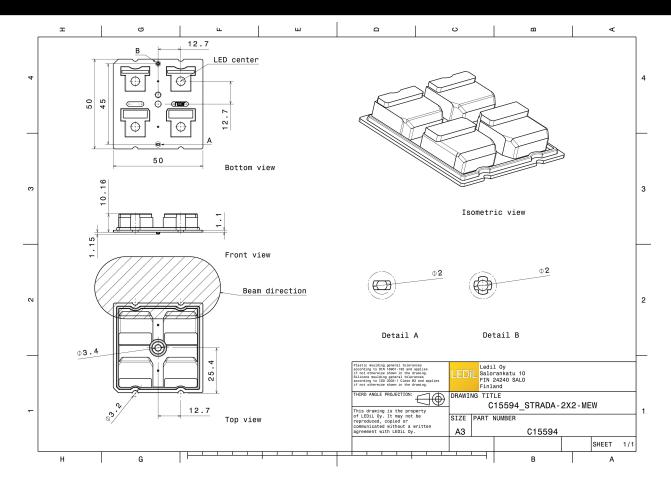
C15594_STRADA-2X2-MEW

» Box size: 480 x 280 x 300 mm

Qty in box MOQ MPQ Box weight (kg) 800 160 160 9.6



PRODUCT DATASHEET C15594_STRADA-2X2-MEW

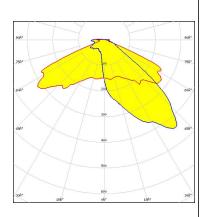


See also our general installation guide: www.ledil.com/installation_guide



CREE \$

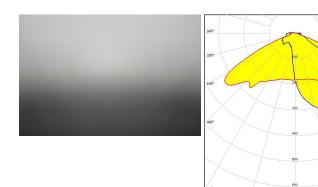
LED XD16
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CREE \$

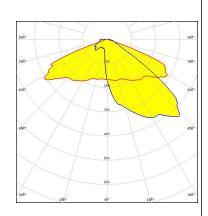
LED XD16
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.7 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:



Light distribution files

CREE -

LED XP-G2
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



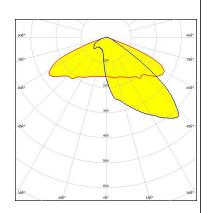
Light distribution files



CREE +

LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass



Light distribution files

CREE -

LED XP-L HI
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

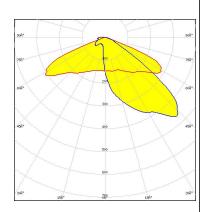
968* 968* 1968* 968* 668* 966* 960 968* 960 968*

Light distribution files

inventronics

LED PrevaLED Brick HP 2x8

FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

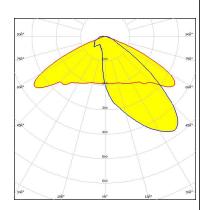




MUMILEDS

LED LUXEON 5050 Round LES

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

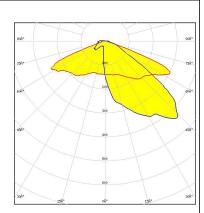


Light distribution files



LED LUXEON TX
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1

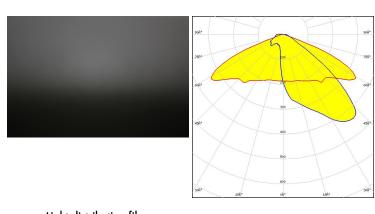
Light colour/type White Required components:



Light distribution files



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

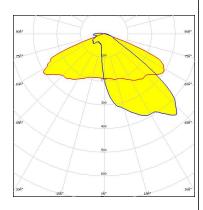






LED RecLED 122x50mm 1900lm 730 2x4 Opt G1

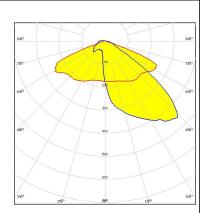
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



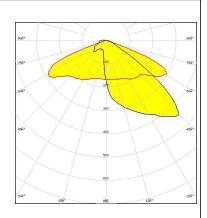
LED NVSW219D
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NVSW219F
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

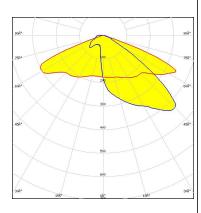


Light distribution files



WNICHIA

LED NVSW319B
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

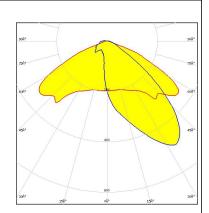


Light distribution files

OSRAM Opto Semiconductors

Opto Semiconducto

LED Duris S8
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

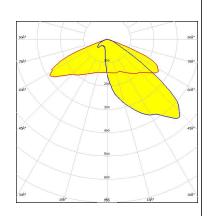


Light distribution files

OSRAM

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

Protective plate, glass

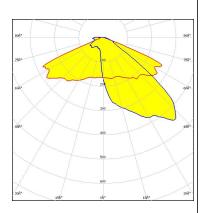


OSRAM Opto Semiconductors

LED OSLON Square PC

FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm

LEDs/each optic 1
Light colour/type White
Required components:



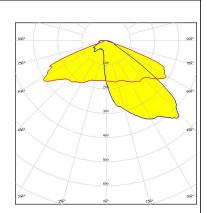
Light distribution files

PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4

FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm

LEDs/each optic 1
Light colour/type White
Required components:

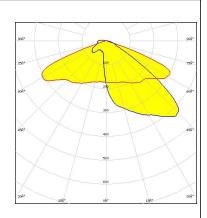


Light distribution files

PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4+

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



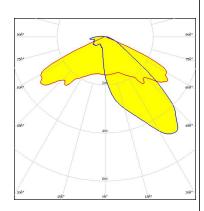
Light distribution files



SAMSUNG

LED HILOM RC12 Z (LH181B)

FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

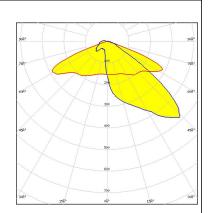


Light distribution files

SAMSUNG

LED HILOM RH12 Z (LH351C)

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

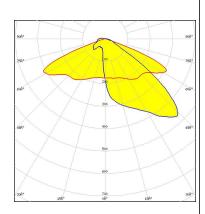


Light distribution files

SAMSUNG

LED HILOM RH16 (LH351C)

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



Light distribution files

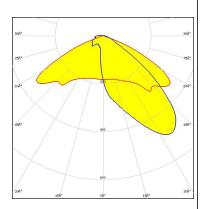


SAMSUNG

LED HiLOM RM12 Z (LH502C)

FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



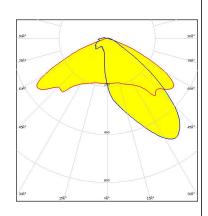
Light distribution files

SAMSUNG

LED HILOM RM16 Z (LH502C)

FWHM / FWTM Asymmetric
Efficiency 98 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White

Light colour/type White Required components:

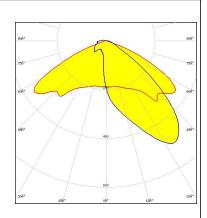


Light distribution files

SAMSUNG

LED HILOM RM8 Z (LH502C)

FWHM / FWTM Asymmetric
Efficiency 98 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

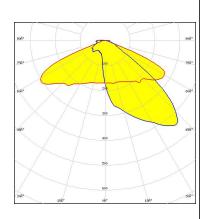


Light distribution files





LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



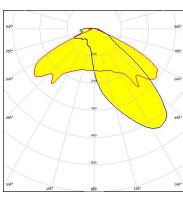
LED Z5M4
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



LED Z8Y22
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:





Light distribution files



TRIDONIC

LED RLE 2x4 2000lm HP EXC2 OTD

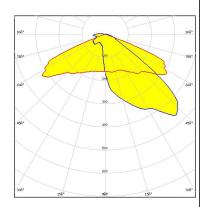
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD

FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



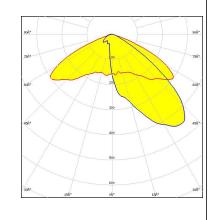




LED Bridgelux SMD 5050

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

Protective plate, glass



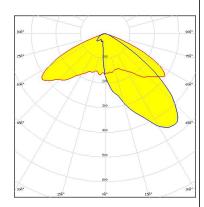
Light distribution files

CREE \$

LED J Series 5050B 6V K Class

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

Protective plate, glass



Light distribution files

CREE \$

LED XHP35 HD FWHM / FWTM Asymmetric

Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:



CREE -

LED XHP35 HI
FWHM / FWTM Asymmetric
Efficiency %

LEDs/each optic 1
Light colour/type White
Required components:

CREE \$

LED XM-L2 FWHM / FWTM Asymmetric

Efficiency 0 %
LEDs/each optic 1
Light colour/type White

Required components:

Light distribution files

Light distribution files

CREE +

LED XP-G2
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

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Light distribution files

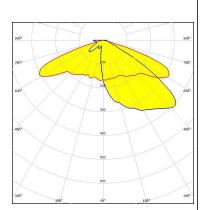
Protective plate, glass





LED XP-G2 HE
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



CREE -

LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 81 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

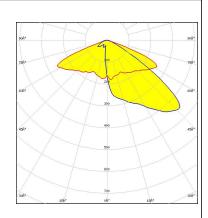
Protective plate, glass

Light distribution files

CREE -

LED XP-G4
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass





CREE \$

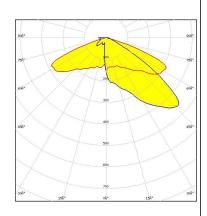
LED XP-G4
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

CREE \$

LED XP-L HD
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White

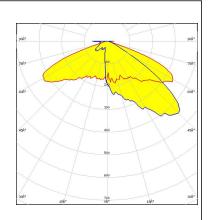
Required components:



Light distribution files

CREE -

LED XP-L2
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

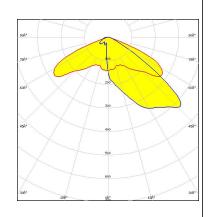




LED XT-E
FWHM / FWTM Asymmetric
Efficiency 81 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

Protective plate, glass



Light distribution files

MATE IN A SECTION 1

LED LUXEON 3030 2D (Round LES)

FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

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Light distribution files

Protective plate, glass

MILEDS

LED LUXEON 5050 HE
FWHM / FWTM Asymmetric

Efficiency 84 %

Peak intensity 0.6 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:

Light distribution files

Protective plate, glass



LED LUXEON 5050 Round LES

White

FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1

Required components:

Light colour/type

Light distribution files

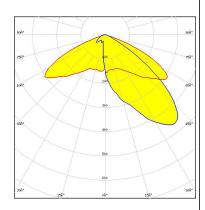
Protective plate, glass

UMILEDS

LED LUXEON 5050 Square LES

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

Required components:



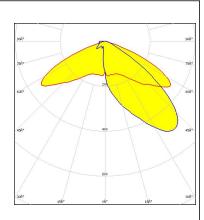
Light distribution files

Protective plate, glass

MUMILEDS

LED LUXEON 5050 Square LES

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







LED LUXEON HL2X
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White

Protective plate, glass

Required components:

Light distribution files



LED LUXEON HL4X
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White

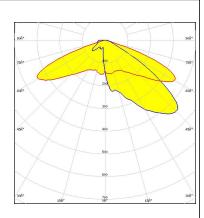
Required components:

Light distribution files

Protective plate, glass

MILEDS

LED LUXEON HL4X
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



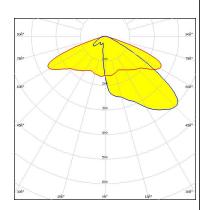




LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)

FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files

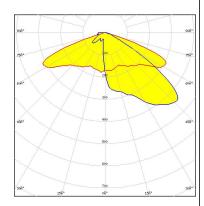
Protective plate, glass

MILEDS

LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)

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

Required components:



Light distribution files

Light distribution files



LED NCSxx19B
FWHM / FWTM Asymmetric
Efficiency 0 %
LEDs/each optic 1

Light colour/type White

Required components:

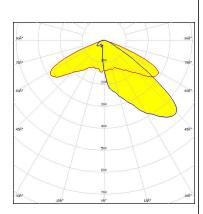


WNICHIA

LED NF2x757G
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White

Protective plate, glass

Required components:

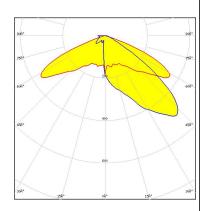


Light distribution files



LED NV4WB35AM
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files



LED NVSW219F
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

508°

758°

608°

508°

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508°

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Light distribution files

Protective plate, glass

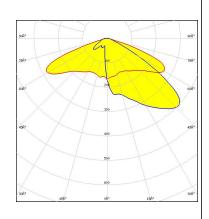


WNICHIA

LED NVSW519A
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

Protective plate, glass

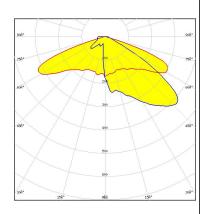


Light distribution files

WNICHIA

LED NVSW519A
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files

WNICHIA

LED NVSxE21A
FWHM / FWTM Asymmetric
Efficiency 86 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

Protective plate, glass



WNICHIA

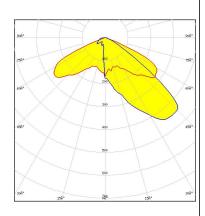
LED NVSxE21A
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



LED NVSxE21A
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files

Protective plate, glass



LED NVSxx19B/NVSxx19C

FWHM / FWTM Asymmetric
Efficiency 0 %
LEDs/each optic 1
Light colour/type White

Required components:



WNICHIA

LFD NVSxx19B/NVSxx19C

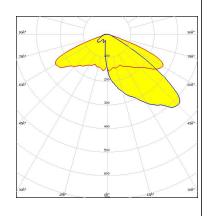
White

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 83 % Peak intensity 0.7 cd/lm LEDs/each optic 1

Required components:

Light colour/type

Protective plate, glass



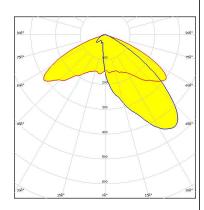
Light distribution files

OSRAM Opto Semiconductore

LED Duris S8 FWHM / FWTM Asymmetric Efficiency 84 % 0.6 cd/lm Peak intensity LEDs/each optic Light colour/type White

Required components:

Protective plate, glass



Light distribution files

OSRAM

LED Duris S8 FWHM / FWTM Asymmetric

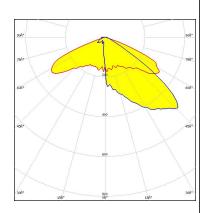
Efficiency % LEDs/each optic Light colour/type White Required components:

OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (2W version)

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

Required components:



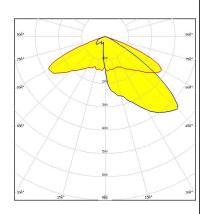
Light distribution files

OSRAM Opto Semiconductore

LED OSCONIQ P 3737 (3W version)

FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass



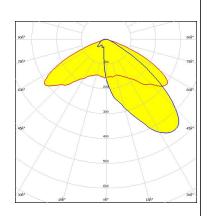
Light distribution files

OSRAM Opto Semiconductors

LED OSCONIQ S 5050 (Q9LR32)

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

Protective plate, glass



PRODUCT DATASHEET C15594_STRADA-2X2-MEW

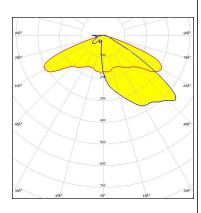
OPTICAL RESULTS (SIMULATED):

OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

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

Required components:



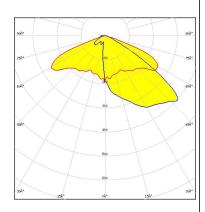
Light distribution files

OSRAM Opto Semiconductore

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass



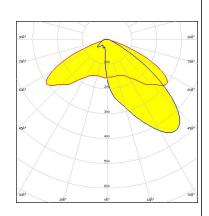
Light distribution files

PHILIPS

LED Fortimo FastFlex LED 2x8 DA (U)HE

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

Protective plate, glass



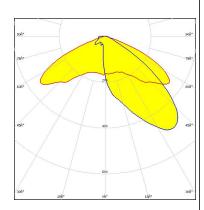


PHILIPS

LED Fortimo FastFlex LED 2x8 DA (U)HE

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

Light colour/type White Required components:



Light distribution files

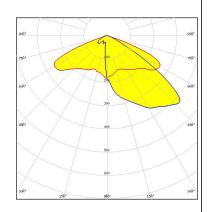
PHILIPS

LED Fortimo FastFlex LED 2x8 DA G5

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

Protective plate, glass

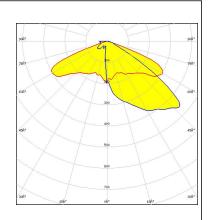
Required components:



Light distribution files

LED Fortimo FastFlex LED 2x8 DA G5

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



Light distribution files



PHILIPS

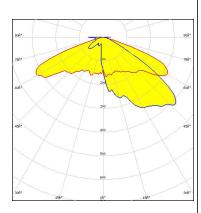
LED Fortimo FastFlex LED 2x8 DAX G4

White

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

Required components:

Light colour/type



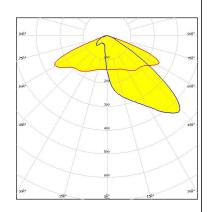
Light distribution files

SAMSUNG

LED HiLOM RH12 Z (LH351C)

FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files

Protective plate, glass

SAMSUNG

LED LH351B
FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White

Protective plate, glass

Required components:

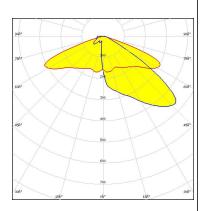


SAMSUNG

LED LH351C
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

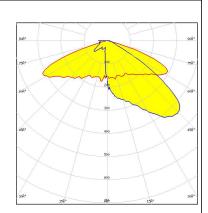
Light distribution files



SAMSUNG

LED LH351D
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

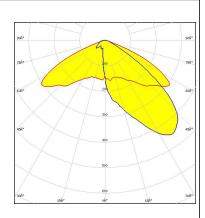


Light distribution files

SAMSUNG

LED LH502D
FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Protective plate, glass



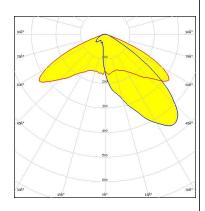


SAMSUNG

LED LH508A
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White

Light colour/type
Required components:

Protective plate, glass



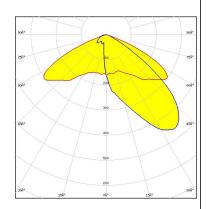
Light distribution files

SAMSUNG

LED LH508B
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

Protective plate, glass

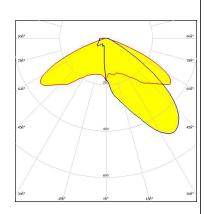


Light distribution files

SAMSUNG

Required components:

LED LH508B
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White







FWHM / FWTM Asymmetric

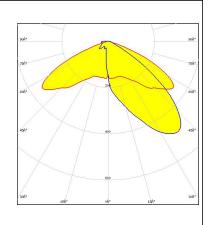
Efficiency 94 %

Peak intensity 0.7 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:



Light distribution files



LED Z5M3
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

968* 968* 968* 158* 968* 158*

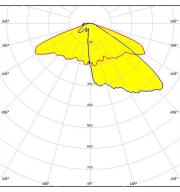
Light distribution files

Protective plate, glass



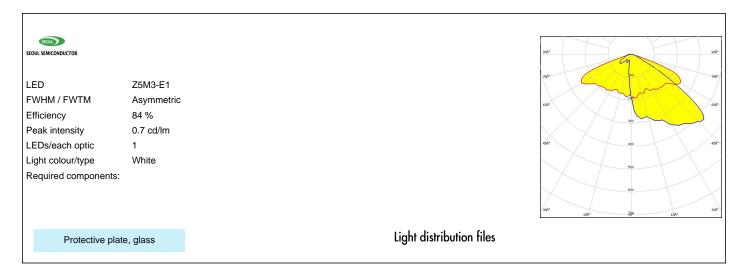
LED Z5M3-E1
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

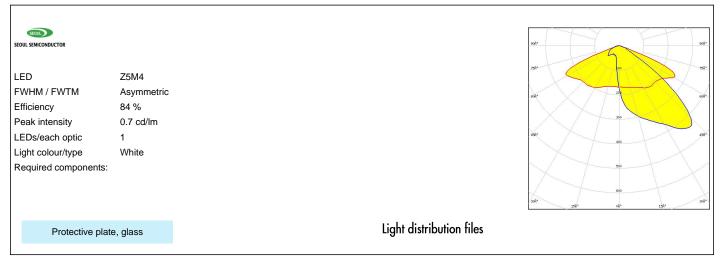
Simulated from photometric data

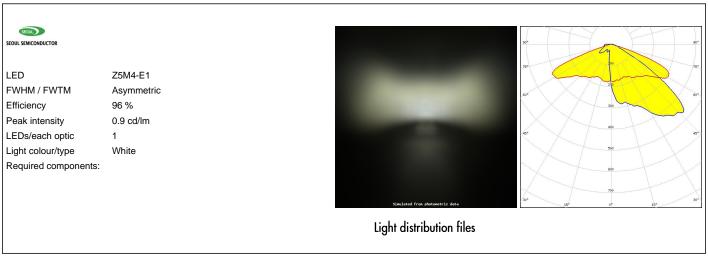


Light distribution files

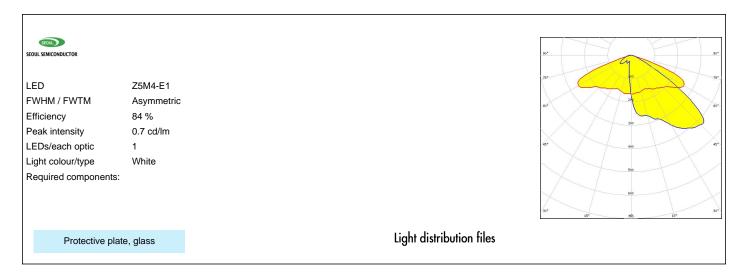


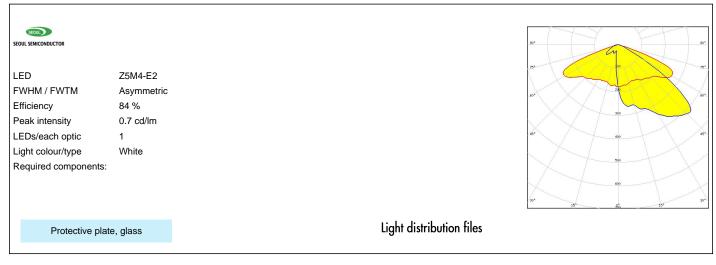


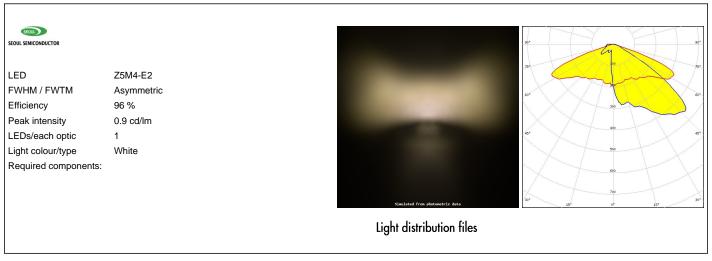












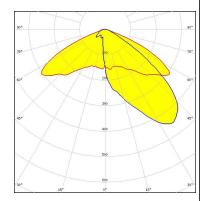


TRIDONIC

LED RLE 2x8 6000lm HP HE EXC3 OTD

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

Required components:



Light distribution files

Protective plate, glass



PRODUCT DATASHEET C15594_STRADA-2X2-MEW

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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