PRODUCT DATASHEET C12362_STRADA-2X2-DWC

STRADA-2X2-DWC

Universal road lighting beam with excellent mixed illuminance and luminance uniformity. Typically IESNA Type III (medium).

SPECIFICATION:

Dimensions 50.0 x 50.0 mm

Height 6 mm

Fastening glue, pin, screw

ROHS compliant yes 1



MATERIALS:

ComponentTypeMaterialColourFinishSTRADA-2X2-DWCMulti-lensPMMAclear

ORDERING INFORMATION:

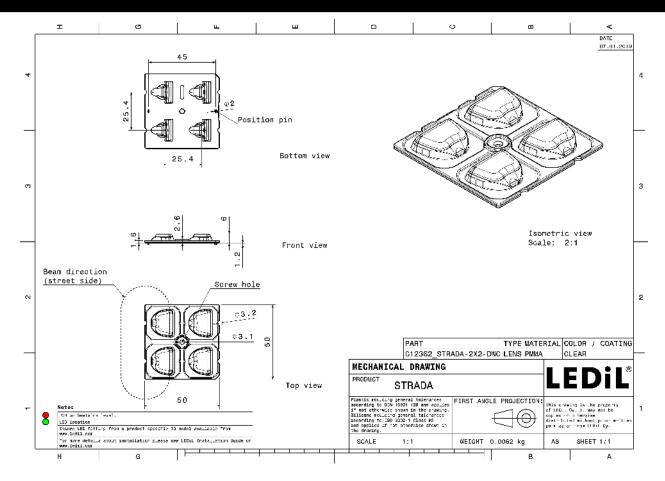
Component

C12362_STRADA-2X2-DWC » Box size: 480 x 280 x 300 mm
 Qty in box
 MOQ
 MPQ
 Box weight (kg)

 800
 160
 160
 5.8

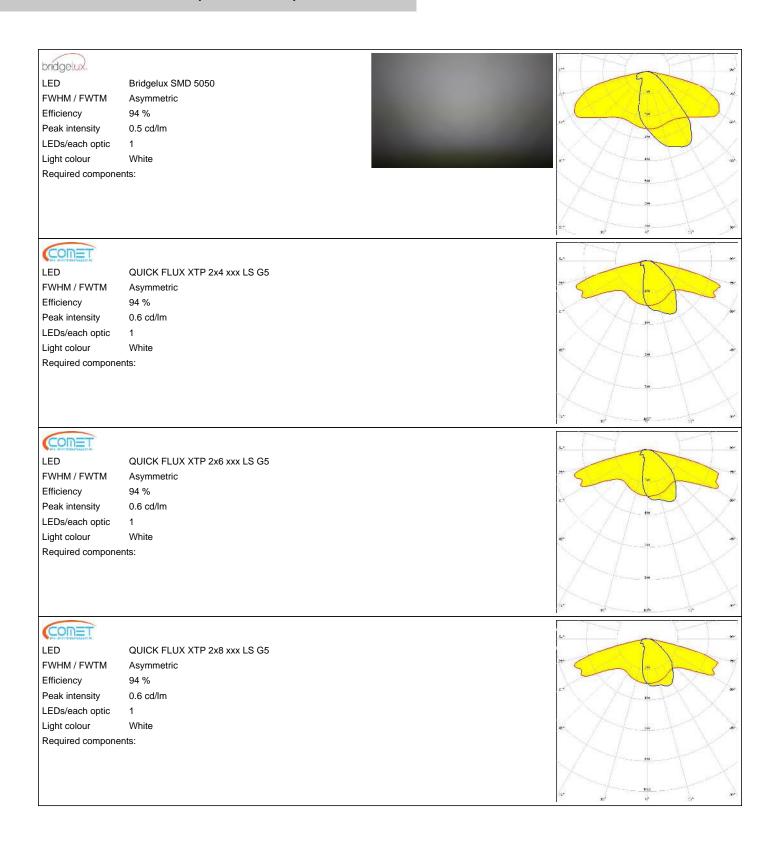


PRODUCT DATASHEET C12362_STRADA-2X2-DWC



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









LED XD16

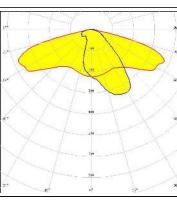
 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric

Efficiency 94 %

Peak intensity 0.5 cd/lm

LEDs/each optic

Light colour White Required components:



CREE +

LED XD16

FWHM / FWTM Asymmetric

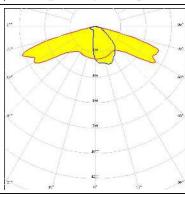
Efficiency 93 %

Peak intensity 0.8 cd/lm

LEDs/each optic 1

White Light colour

Required components:



CREE +

LED

XHP35 HD

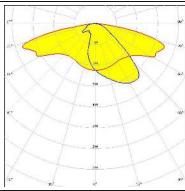
 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric

Efficiency 94 % 0.4 cd/lm

Peak intensity LEDs/each optic

Light colour White

Required components:



CREE +

XM-L

FWHM / FWTM Asymmetric

Efficiency 92 %

Peak intensity 0.4 cd/lm LEDs/each optic

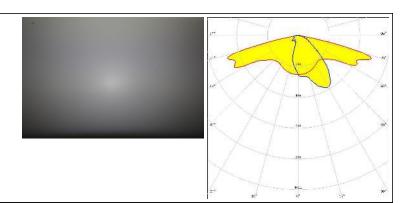
White Light colour

Required components:





LED XM-L3 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 96 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour White Required components:

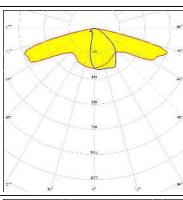


CREE +

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

CREE -

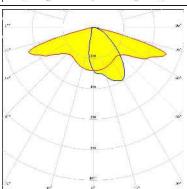
LED XP-G2 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.7 cd/lm LEDs/each optic Light colour White Required components:



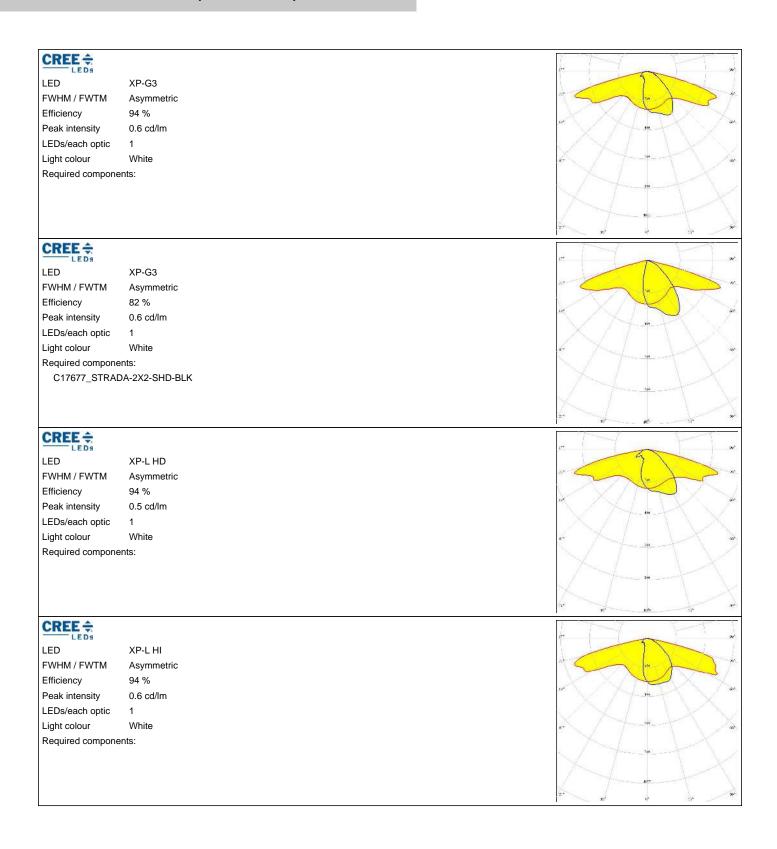
CREE +

XP-G3 FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 0.6 cd/lm LEDs/each optic White Light colour Required components:

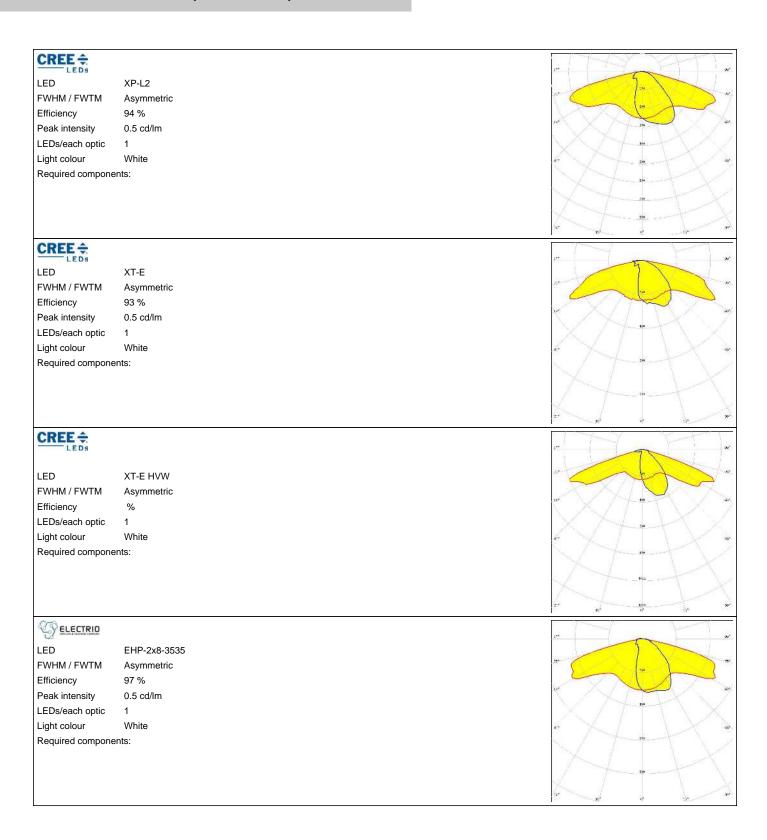
C17580_STRADA-2X2-SHD-WHT



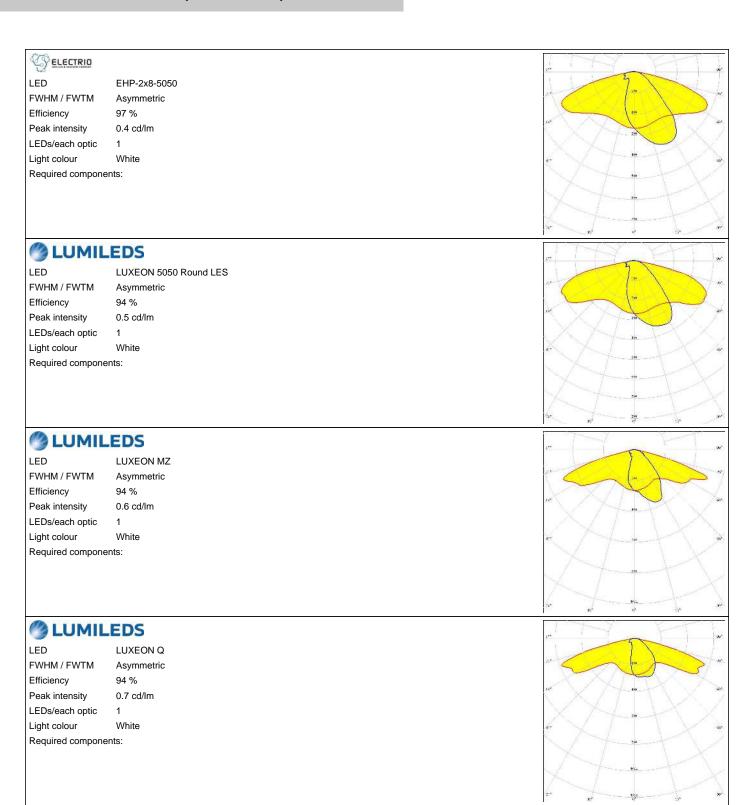




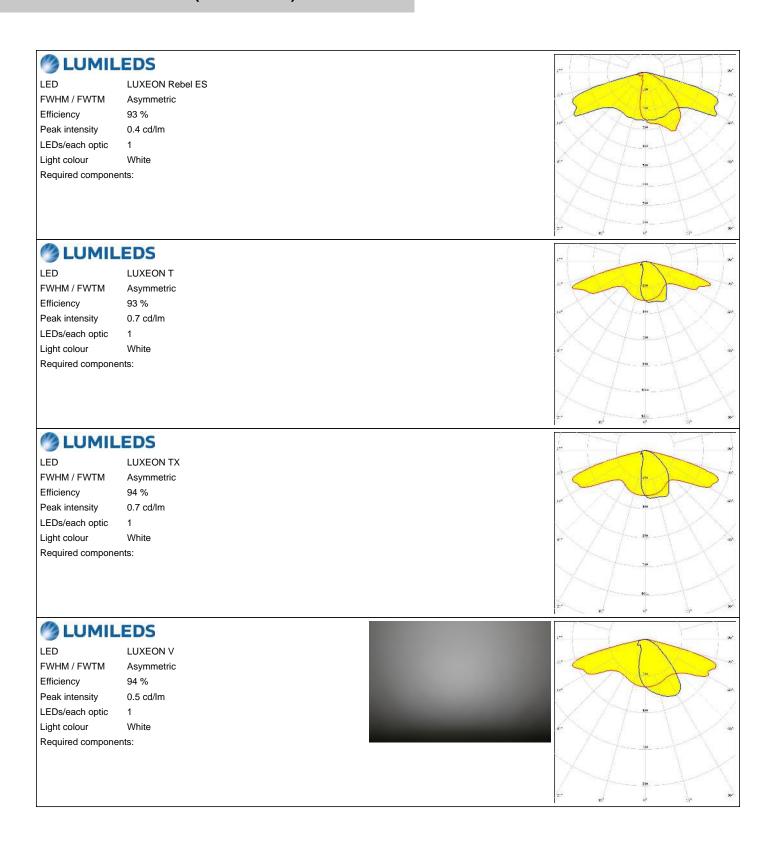




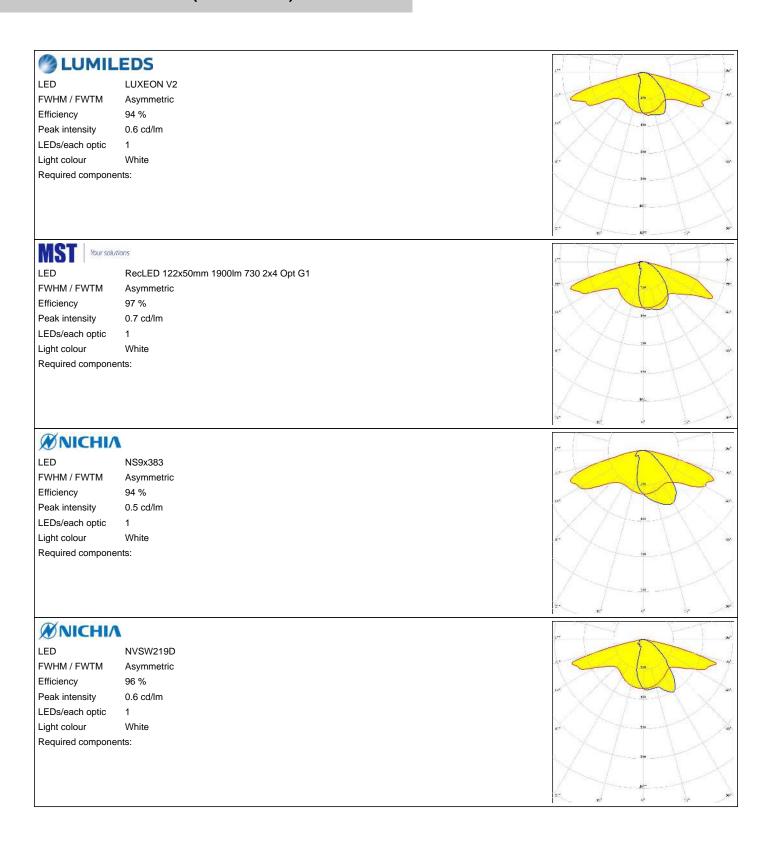




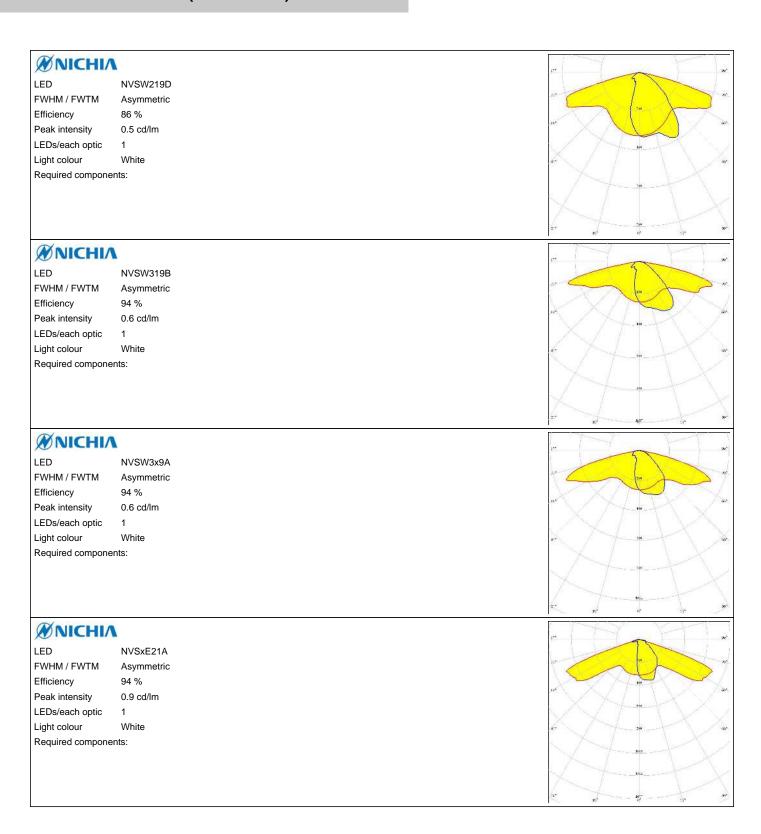










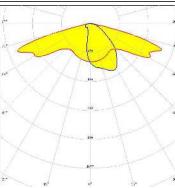






LED NVSxx19B/NVSxx19C

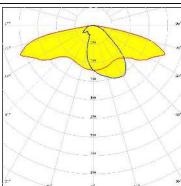
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



WNICHIA

LED NWSx229A
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.5 cd/lm

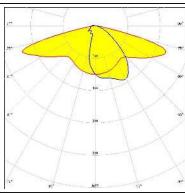
LEDs/each optic 1
Light colour White
Required components:



OSRAM

LED PL-BRICK HP 3800 2x8 SSG

FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White

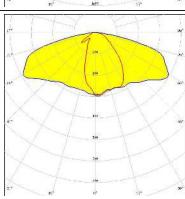


OSRAM

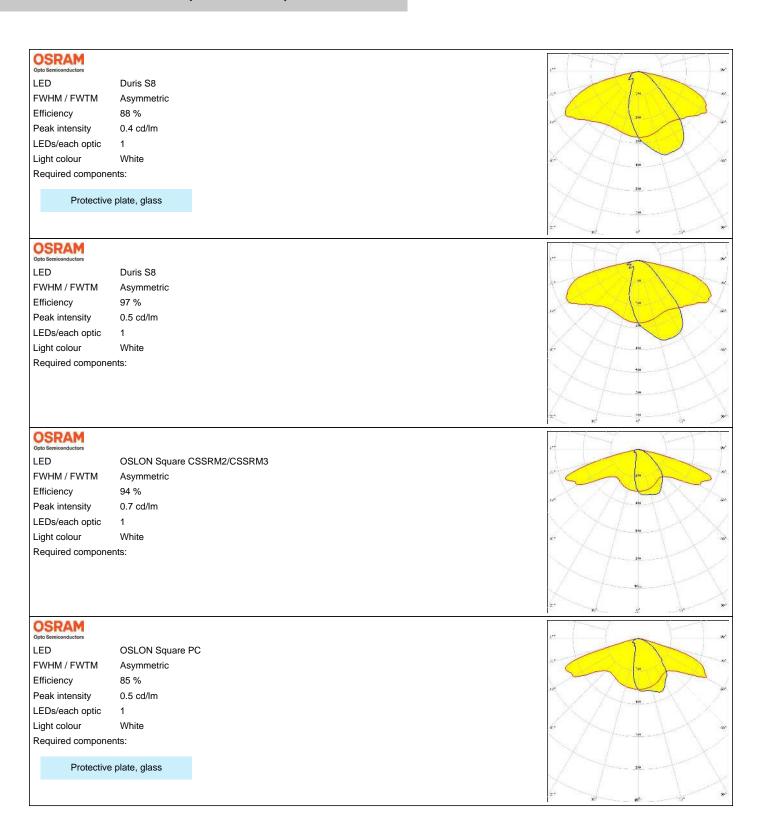
Required components:

LED PrevaLED Brick HP 2x8

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







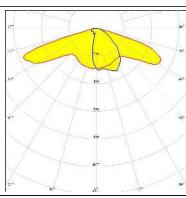


OSRAM Opto Semiconductors

LED OSLON Square PC

FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1

Light colour White Required components:



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4

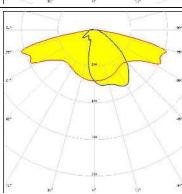
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4+

FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White

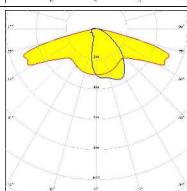
Light colour Whit Required components:



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G5

FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

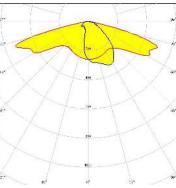




PHILIPS

LED Fortimo FastFlex LED 2x8 DAX G4

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



SAMSUNG

LED HiLOM RC12 Z (LH181B)

FWHM / FWTM Asymmetric

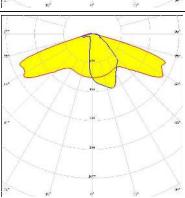
Efficiency 99 %

Peak intensity 0.7 cd/lm

LEDs/each optic 1

Light colour White

Required components:

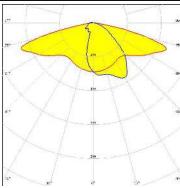


SAMSUNG

LED HILOM RH12 Z (LH351C)

FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White

Required components:

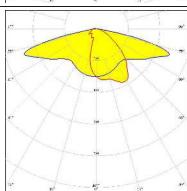


SAMSUNG

LED HILOM RH16 (LH351C)

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

Required components:



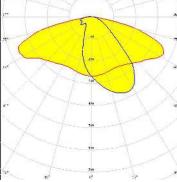


SAMSUNG

LED HILOM RM12 Z (LH502C)

FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:



SAMSUNG

LED HILOM RM16 Z (LH502C)

FWHM / FWTM Asymmetric

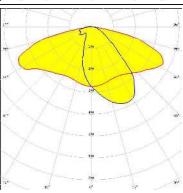
Efficiency 98 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:



SAMSUNG

LED HILOM RM8 Z (LH502C)

FWHM / FWTM Asymmetric

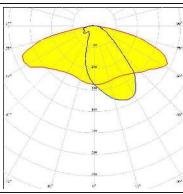
Efficiency 97 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:



SAMSUNG

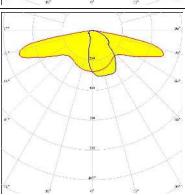
 LED
 LH351B

 FWHM / FWTM
 Asymmetric

 Efficiency
 89 %

 Peak intensity
 0.6 cd/lm

LEDs/each optic 1
Light colour White
Required components:





SAMSUNG

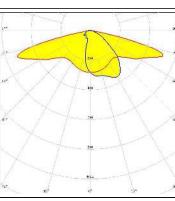
FWHM / FWTM Asymmetric

Efficiency 94 % 0.6 cd/lm

Peak intensity LEDs/each optic

Light colour White

Required components:



LED

LH351D

FWHM / FWTM Asymmetric Efficiency

94 %

Peak intensity

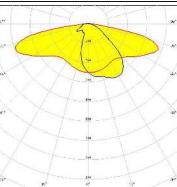
Light colour

0.5 cd/lm

LEDs/each optic

1 White

Required components:



SAMSUNG

LED

LH351Z

FWHM / FWTM Asymmetric

Efficiency

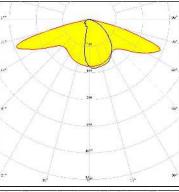
94 %

Peak intensity LEDs/each optic 0.7 cd/lm

Light colour

White

Required components:



SAMSUNG

FWHM / FWTM

Asymmetric

Efficiency

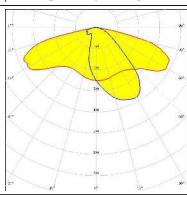
94 %

Peak intensity LEDs/each optic 0.5 cd/lm

Light colour

White

Required components:

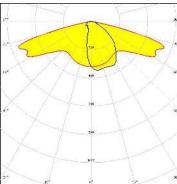






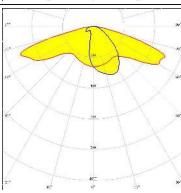
LED LED-Pa-L15c2W11c2-xxx-C050-01

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



SEOUL SEMICONDUCTOR

LED Acrich MJT 4040
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z5

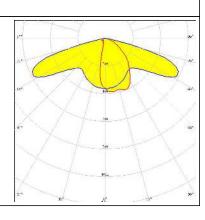
FWHM / FWTM Asymmetric
Efficiency 93 %
LEDs/each optic 1
Light colour White
Required components:



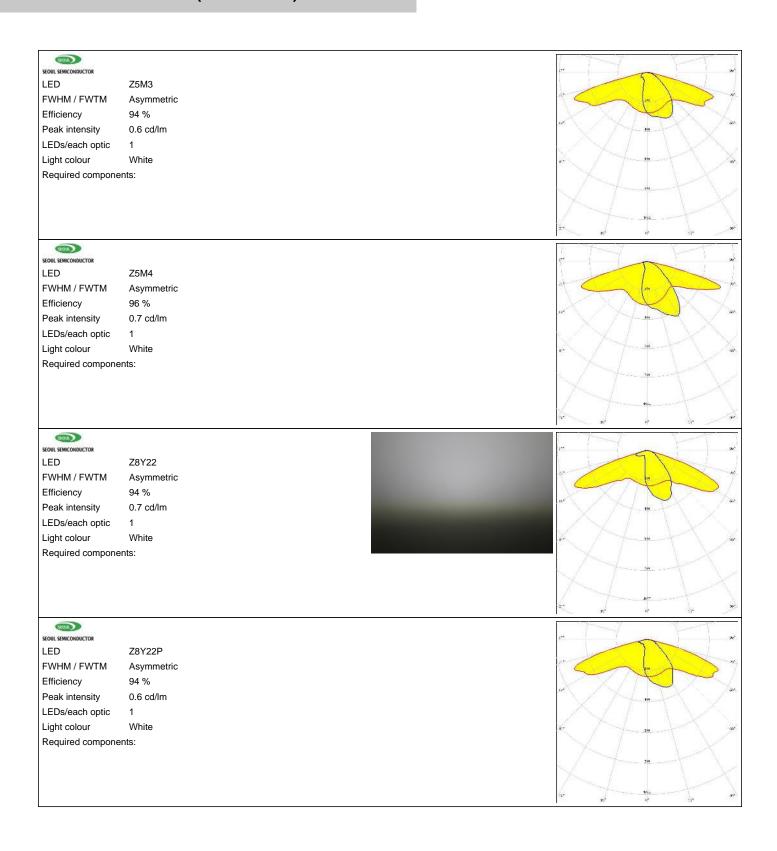
LED Z5M1/Z5M2 FWHM / FWTM Asymmetric Efficiency 94 %

Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White

Required components:





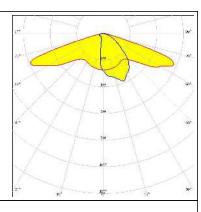




TOSHIBA

Leading Innovation

LED TL1L4
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

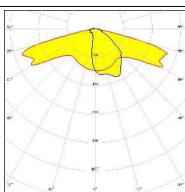
LED RLE 2x4 2000lm HP EXC2 OTD

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

TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD

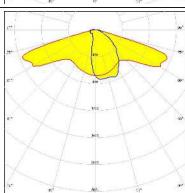
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

LED RLE G1 49x121mm 2000lm xxx EXC OTD

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

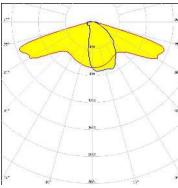




TRIDONIC

RLE G1 49x133mm 2000lm xxx EXC OTD

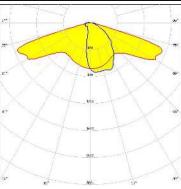
 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 94 % Peak intensity 0.7 cd/lm LEDs/each optic Light colour White Required components:



TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD

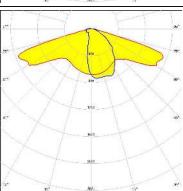
FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.7 cd/lm LEDs/each optic 1 White Light colour Required components:



TRIDONIC

LED RLE G1 49x245mm 4000lm xxx EXC OTD

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





CREE +

LED J Series 5050 Round LES

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

CREE +

LED J Series 5050 Round LES

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

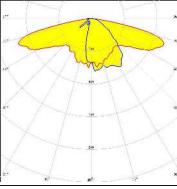
Protective plate, glass

CREE -

LED XHP35 HI FWHM / FWTM Asymmetric Efficiency 89 % Peak intensity 0.5 cd/lm

LEDs/each optic Light colour White

Required components:

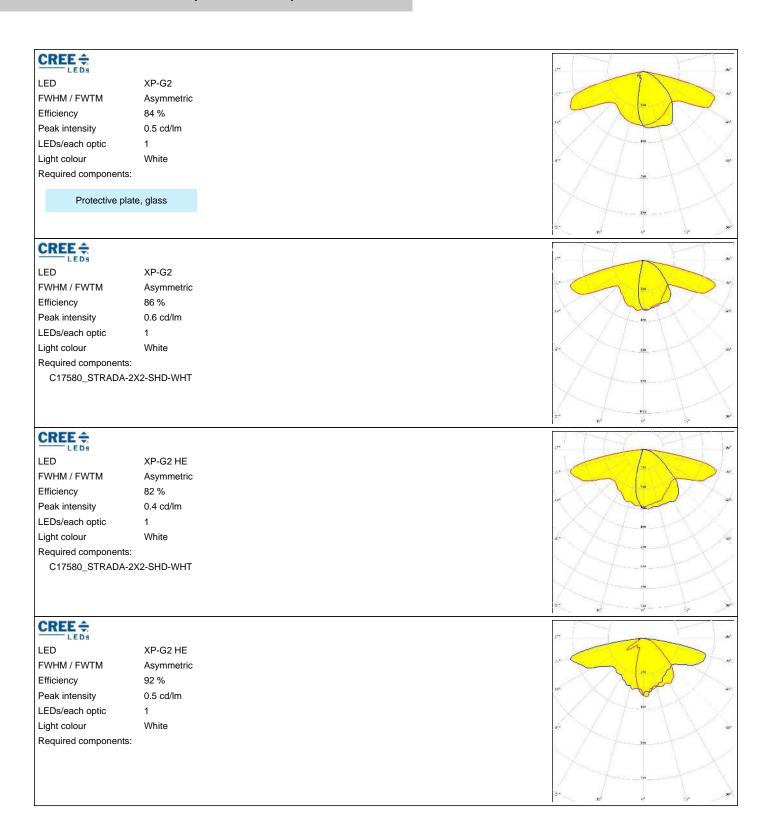


CREE +

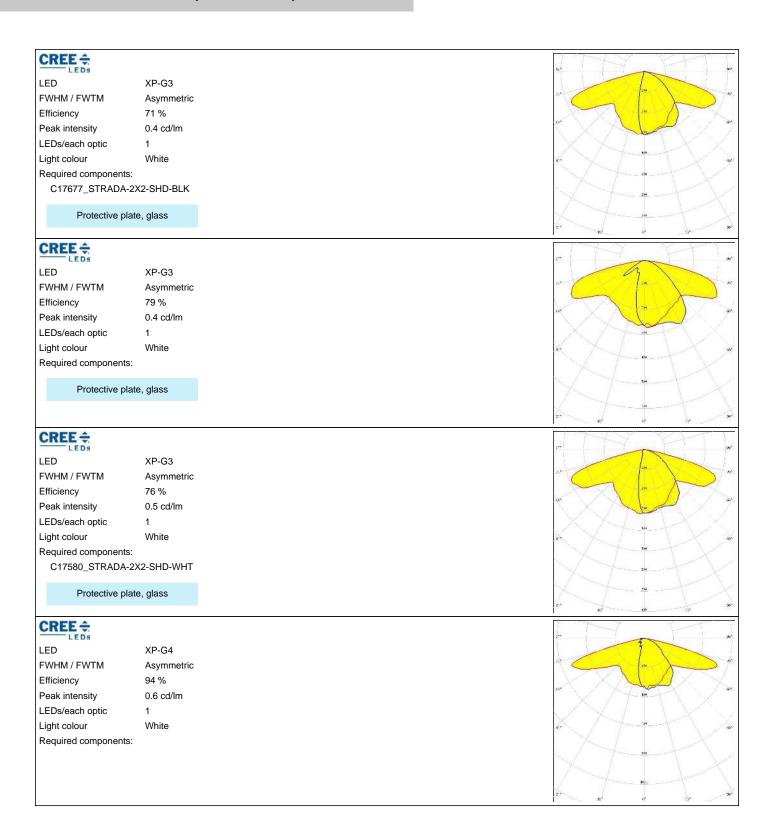
XM-L2 FWHM / FWTM Asymmetric

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













LED XP-G4

FWHM / FWTM Asymmetric

Efficiency 81 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:

Protective plate, glass

CREE +

LED

XP-L2

FWHM / FWTM Asymmetric

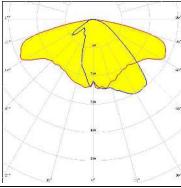
Efficiency 79 %

Peak intensity 0.3 cd/lm

LEDs/each optic 1
Light colour White

Required components:

Protective plate, glass



CREE +

LED

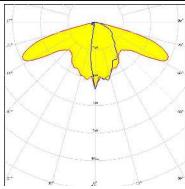
XQ-E HD

FWHM / FWTM Asymmetric

Efficiency 89 %

LEDs/each optic 1
Light colour White

Required components:



DIVIDITION

LED

Efficiency

LUXEON 5050 Round LES

FWHM / FWTM

Asymmetric

Peak intensity

84 %

LEDs/each optic

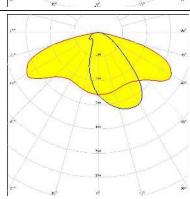
0.4 cd/lm

Light colour

White

Required components:

Protective plate, glass



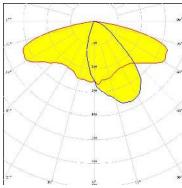




LED LUXEON 5050 Square LES

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

C17677_STRADA-2X2-SHD-BLK

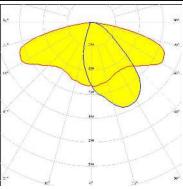


MUMILEDS

LED LUXEON 5050 Square LES

FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C17580_STRADA-2X2-SHD-WHT



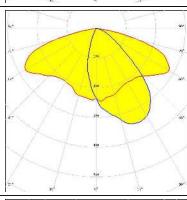
MUMILEDS

LED LUXEON 5050 Square LES

FWHM / FWTM Asymmetric
Efficiency 72 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components: C17677_STRADA-2X2-SHD-BLK

Protective plate, glass

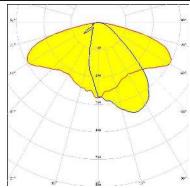


BLUMILEDS

LED LUXEON 5050 Square LES

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

Protective plate, glass



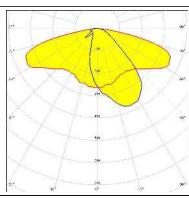




LED LUXEON 5050 Square LES

FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:



LUMILEDS

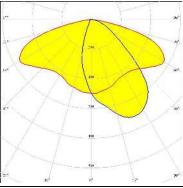
LED LUXEON 5050 Square LES

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

Required components:

C17580_STRADA-2X2-SHD-WHT

Protective plate, glass

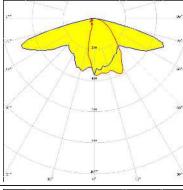


LUMILEDS

LED LUXEON H50-2 FWHM / FWTM Asymmetric

Efficiency %
LEDs/each optic 1
Light colour White

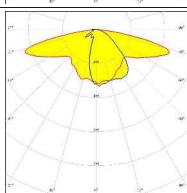
Required components:



MILEDS

LED LUXEON HL2X
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:

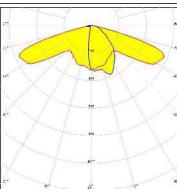






LED LUXEON HL2Z
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White

Required components:



LUMILEDS

LED LUXEON HL2Z
FWHM / FWTM Asymmetric
Efficiency 79 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

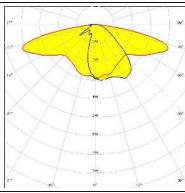
Protective plate, glass

LUMILEDS

LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)

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

Required components:

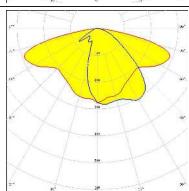


UMILEDS

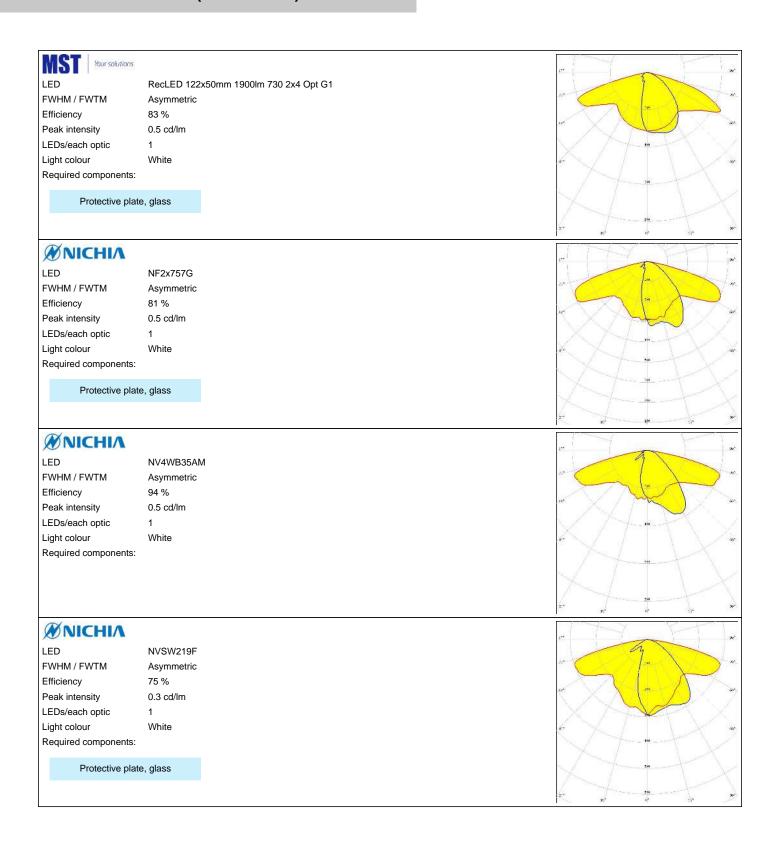
LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)

FWHM / FWTM Asymmetric
Efficiency 78 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass



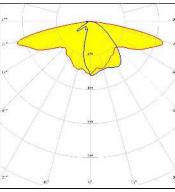








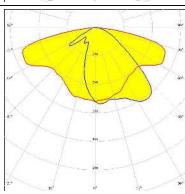
LED NVSW219F
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



WNICHIA

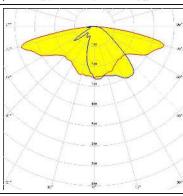
LED NVSW519A
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass



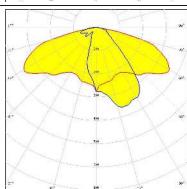
WNICHIA

LED NVSW519A
FWHM / FWTM Asymmetric
Efficiency 91 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

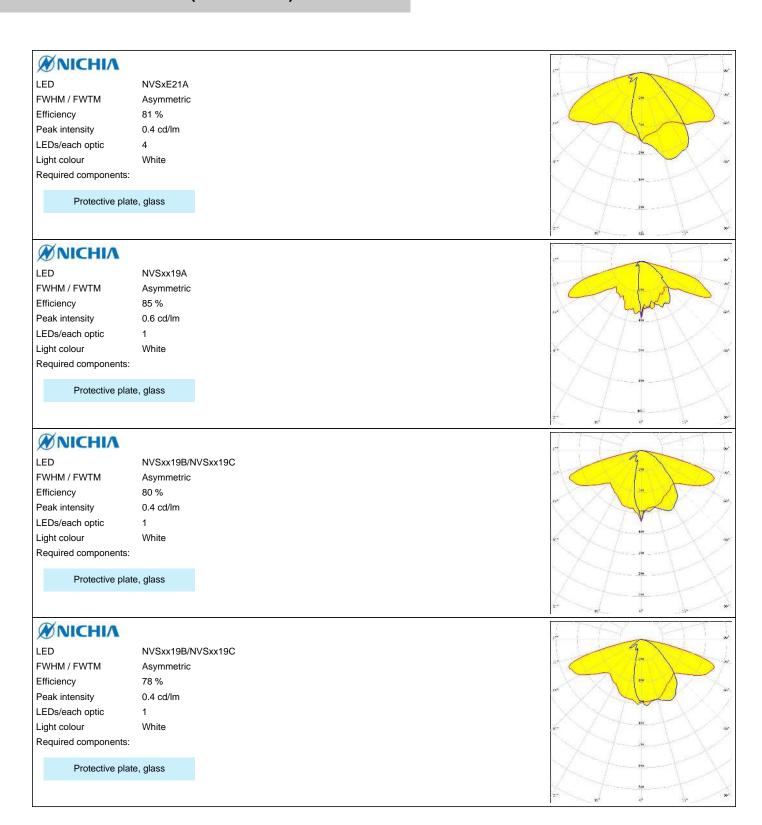


WNICHIA

LED NVSxE21A
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 0.5 cd/lm
LEDs/each optic 4
Light colour White
Required components:









OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (2W version)

FWHM / FWTM Asymmetric Efficiency 90 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour White



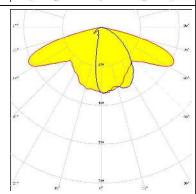
OSRAM

LED OSCONIQ P 3737 (2W version)

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

Protective plate, glass

Required components:

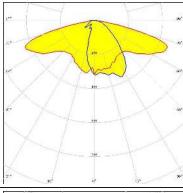


OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (3W version)

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 93 % Peak intensity 2.1 cd/lm LEDs/each optic Light colour White

Required components:

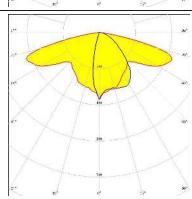


OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

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

C17677_STRADA-2X2-SHD-BLK





OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

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

C17580_STRADA-2X2-SHD-WHT

Protective plate, glass

OSRAM

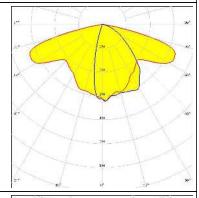
LED OSLON Square CSSRM2/CSSRM3

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

Required components:

C17677_STRADA-2X2-SHD-BLK

Protective plate, glass

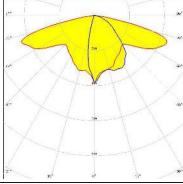


OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 0.5 cd/lm LEDs/each optic Light colour White Required components:

C17580_STRADA-2X2-SHD-WHT

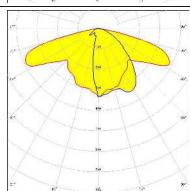


OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

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

Protective plate, glass



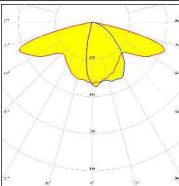


OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C17580_STRADA-2X2-SHD-WHT



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4+

FWHM / FWTM Asymmetric

Efficiency 69 %

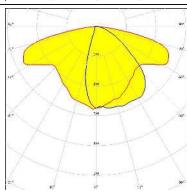
Peak intensity 0.3 cd/lm

LEDs/each optic 1

Light colour White

Required components:

C17580_STRADA-2X2-SHD-WHT



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4+

FWHM / FWTM Asymmetric

Efficiency 65 %

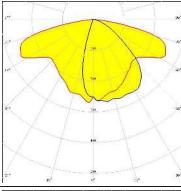
Peak intensity 0.3 cd/lm

LEDs/each optic 1

Light colour White

Required components:

C17677_STRADA-2X2-SHD-BLK

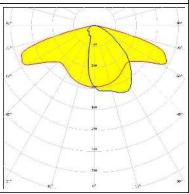


PHILIPS

LED Fortimo FastFlex LED 2x8 DA G5

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

Protective plate, glass



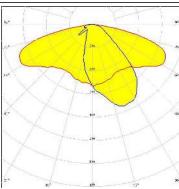


PHILIPS

LED Fortimo FastFlex LED 2x8 DA HE

FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:



PHILIPS

LED Fortimo FastFlex LED 2x8 DA HE

FWHM / FWTM Asymmetric

Efficiency 81 %

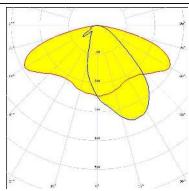
Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:

Protective plate, glass

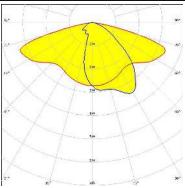


SAMSUNG

LED HILOM RH12 Z (LH351C)

FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Protective plate, glass



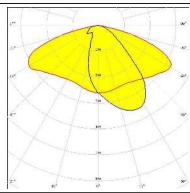
SAMSUNG

Required components:

LED HILOM RM8 Z (LH502C)

FWHM / FWTM Asymmetric
Efficiency 84 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass





SAMSUNG

LH181B 92 %

FWHM / FWTM

Asymmetric

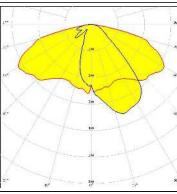
Efficiency

Peak intensity LEDs/each optic 0.4 cd/lm

Light colour

White

Required components:



SAMSUNG

LED

LH351B

FWHM / FWTM

Asymmetric

Efficiency

77 %

Peak intensity

0.4 cd/lm

LEDs/each optic

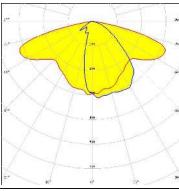
1

Light colour

White

Required components:

Protective plate, glass



SAMSUNG

LED

LH351B

FWHM / FWTM

Asymmetric

Efficiency

69 %

Peak intensity

0.4 cd/lm

LEDs/each optic

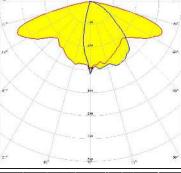
1

Light colour

White

Required components:

C17677_STRADA-2X2-SHD-BLK Protective plate, glass



SAMSUNG

FWHM / FWTM

Asymmetric

Efficiency Peak intensity 79 %

LEDs/each optic

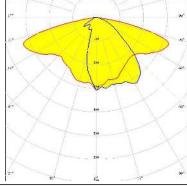
0.4 cd/lm

Light colour

White

Required components:

Protective plate, glass





SAMSUNG

LM301B FWHM / FWTM Asymmetric

Efficiency 80 %

Peak intensity 0.4 cd/lm

LEDs/each optic Light colour White

Required components:

Protective plate, glass

LED LM301B

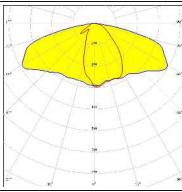
FWHM / FWTM Asymmetric Efficiency 91 %

Peak intensity

0.4 cd/lm LEDs/each optic 4

White Light colour

Required components:



SECUL SEMICONDUCTOR

LED MJT 5050

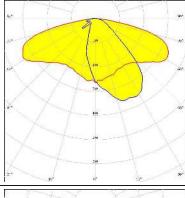
 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 92 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:



CHOIL SECUL SEMICONDUCTOR

LED SEOUL DC 5050 6V

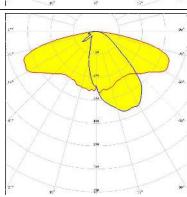
FWHM / FWTM Asymmetric

94 % Efficiency Peak intensity 0.4 cd/lm

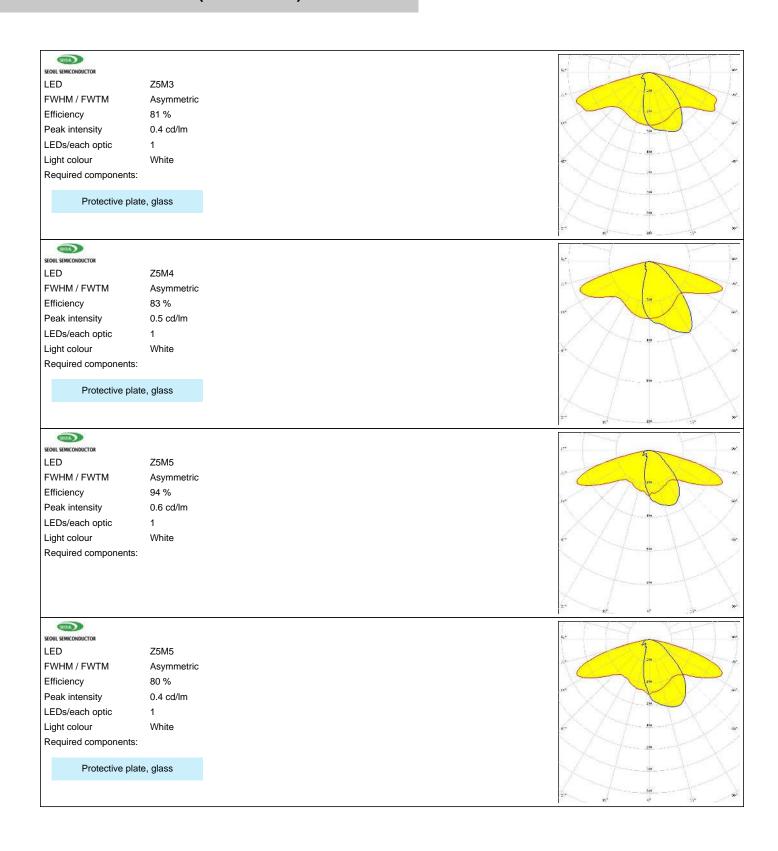
LEDs/each optic

White Light colour

Required components:





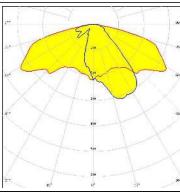






LED Z8Y19
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 4
Light colour White

Required components:

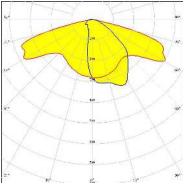


TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD

FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass





PRODUCT DATASHEET C12362 STRADA-2X2-DWC

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:

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LEDIL Oy

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