

STRADA-2X2-T2

IESNA Type II (medium) beam applicable for European P-class standard pedestrian lighting and M-class roads

TECHNICAL SPECIFICATIONS:

Dimensions 50.0 mm Height 7.7 mm

Fastening glue, pin, screw

yes 🕕 ROHS compliant



Box weight (kg)

MATERIAL SPECIFICATIONS:

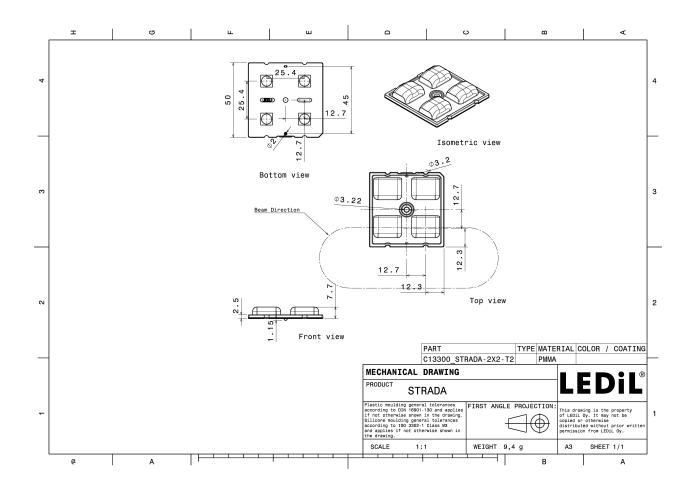
Material Component **Type** Colour **Finish** Multi-lens STRADA-2X2-T2 **PMMA** clear

ORDERING INFORMATION:

Component Qty in box MOQ MPQ

C13300 STRADA-2X2-T2 800 160 160 8.3 » Box size: 480 x 280 x 300 mm





2/28

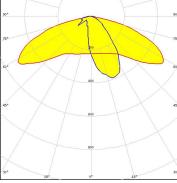
PHOTOMETRIC DATA (MEASURED):

bridgelux

LED Bridgelux SMD 5050

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

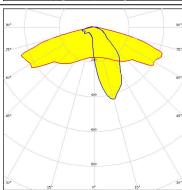




COMET

LED QUICK FLUX XTP 2x4 xxx LS G5

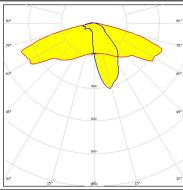
FWHM Asymmetric 94 % Efficiency Peak intensity 1 cd/lm LEDs/each optic 1 White Light colour Required components:



CONET

LED QUICK FLUX XTP 2x6 xxx LS G5

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

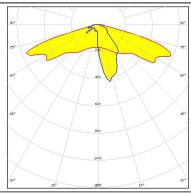


CREE \$

LED **FWHM** Asymmetric

Efficiency 94 % Peak intensity 1.1 cd/lm LEDs/each optic 1

White Light colour Required components:



PHOTOMETRIC DATA (MEASURED):

CREE 💠

LED XD16

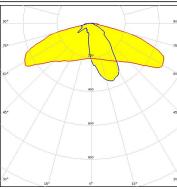
FWHM Asymmetric

Efficiency 94 %

Peak intensity 0.7 cd/lm

LEDs/each optic 4 Light colour White

Required components:



CREE 🕏

LED XD16

FWHM Asymmetric

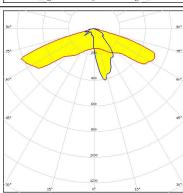
Efficiency 94 %

Peak intensity 1.3 cd/lm

LEDs/each optic 1

Light colour White

Required components:



CREE \$

LED XM-L

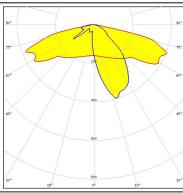
FWHM Asymmetric

Efficiency 94 %

Peak intensity 0.8 cd/lm LEDs/each optic 1

Light colour White

Required components:



CREE \$

LED XM-L2

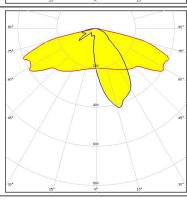
FWHM Asymmetric

Efficiency 94 %

Peak intensity 0.7 cd/lm

LEDs/each optic 1 Light colour White

Required components:



PHOTOMETRIC DATA (MEASURED):

CREE 💠

LED XP-G

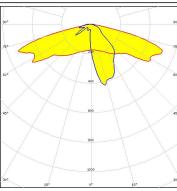
FWHM Asymmetric

94 % Efficiency

Peak intensity 1.1 cd/lm

LEDs/each optic 1 Light colour White

Required components:



CREE &

LED XP-G2

FWHM Asymmetric

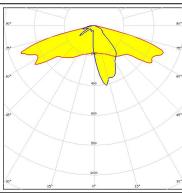
Efficiency 91 %

Peak intensity 1 cd/lm

LEDs/each optic 1

White Light colour

Required components:



CREE ÷

LED XP-G2 HE

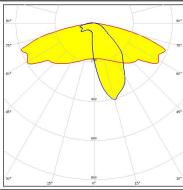
FWHM Asymmetric

Efficiency 94 %

Peak intensity 0.8 cd/lm

LEDs/each optic 1 Light colour White

Required components:



CREE \$

LED XP-L HD

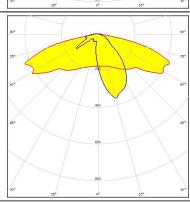
FWHM Asymmetric

Efficiency 94 %

Peak intensity 0.8 cd/lm LEDs/each optic 1

White Light colour

Required components:





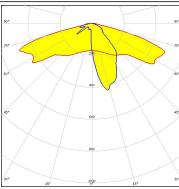
PHOTOMETRIC DATA (MEASURED):

CREE 💠

LED XP-L HI FWHM Asymmetric

Efficiency 94 % Peak intensity 1.1 cd/lm

LEDs/each optic 1 Light colour White Required components:

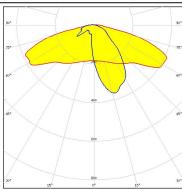


CREE 🕏

LED XP-L2 FWHM Asymmetric

Efficiency 94 % Peak intensity 0.8 cd/lm

LEDs/each optic 1
Light colour White
Required components:

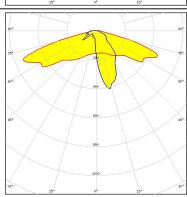


CREE 🕏

LED XT-E

FWHM Asymmetric Efficiency 93 % LEDs/each optic 1

Light colour White Required components:

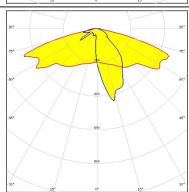


ULG Innotek

LED H35C0 (LEMWA33)

FWHM Asymmetric

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



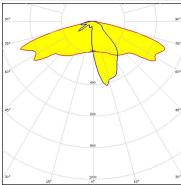


PHOTOMETRIC DATA (MEASURED):



LED H35C1 (LEMWA33)

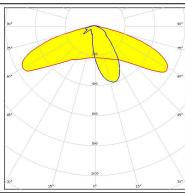
FWHM Asymmetric Efficiency 94 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:



LUMILEDS

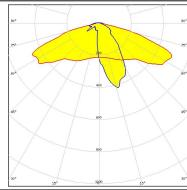
LED LUXEON 5050 Round LES

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



LUMILEDS

LED LUXEON MZ **FWHM** Asymmetric Efficiency 94 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White

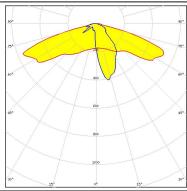


MUMILEDS

Required components:

LED LUXEON Q **FWHM** Asymmetric Efficiency 94 % Peak intensity 1.1 cd/lm LEDs/each optic 1

White Light colour Required components:



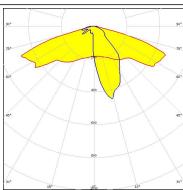


PHOTOMETRIC DATA (MEASURED):



LED LUXEON R
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each ontic 1

LEDs/each optic 1 Light colour White Required components:

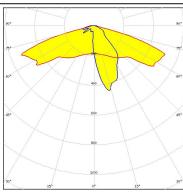


MUMILEDS

LED LUXEON Rebel ES

FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm

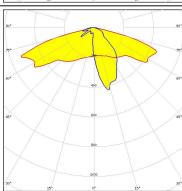
LEDs/each optic 1 Light colour White Required components:



MUMILEDS

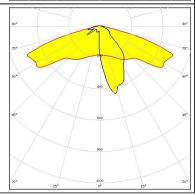
LED LUXEON T
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm

Peak intensity 1.1 cd/li LEDs/each optic 1 Light colour White Required components:



DESCRIPTION LUMILEDS

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

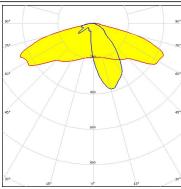




PHOTOMETRIC DATA (MEASURED):



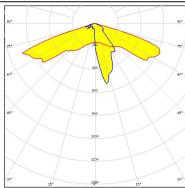
LED LUXEON V
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White



LUMILEDS

Required components:

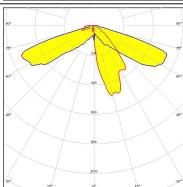
LED LUXEON Z ES
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



WNICHIA

LED NCSxx19A FWHM Asymmetric

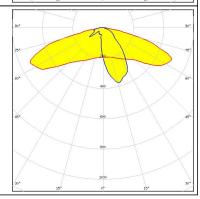
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



WNICHIA

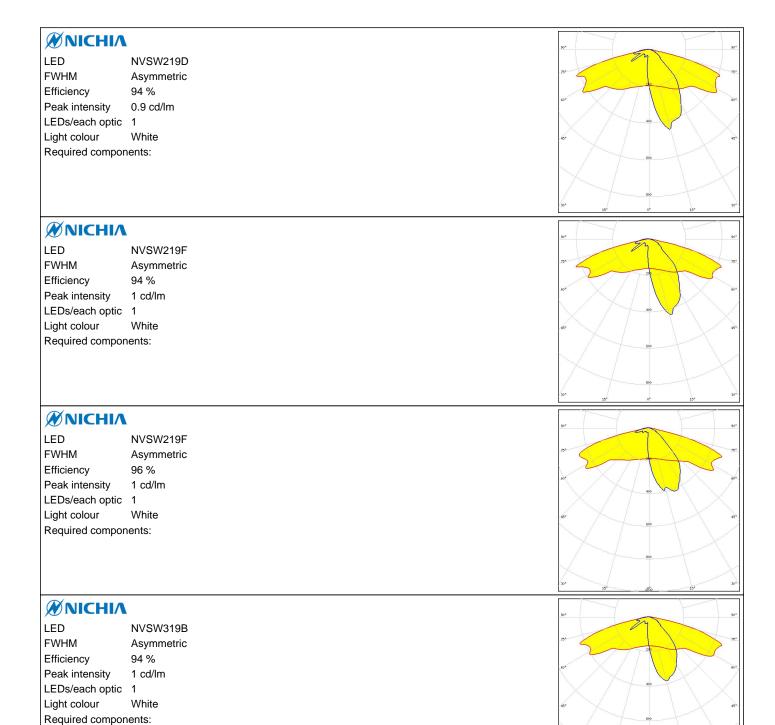
LED NS9x383
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White

Required components:





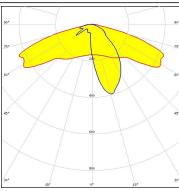
PHOTOMETRIC DATA (MEASURED):



PHOTOMETRIC DATA (MEASURED):

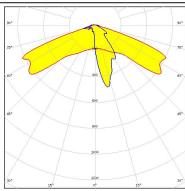
WNICHIA

LED NVSW3x9A **FWHM** Asymmetric Efficiency 94 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:



WNICHIA

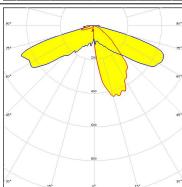
LED NVSxE21A **FWHM** Asymmetric 94 % Efficiency Peak intensity 1.5 cd/lm LEDs/each optic 1 White Light colour Required components:



WNICHIA

LED NVSxx19A **FWHM** Asymmetric

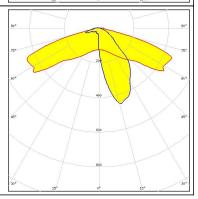
Efficiency LEDs/each optic 1 Light colour White Required components:



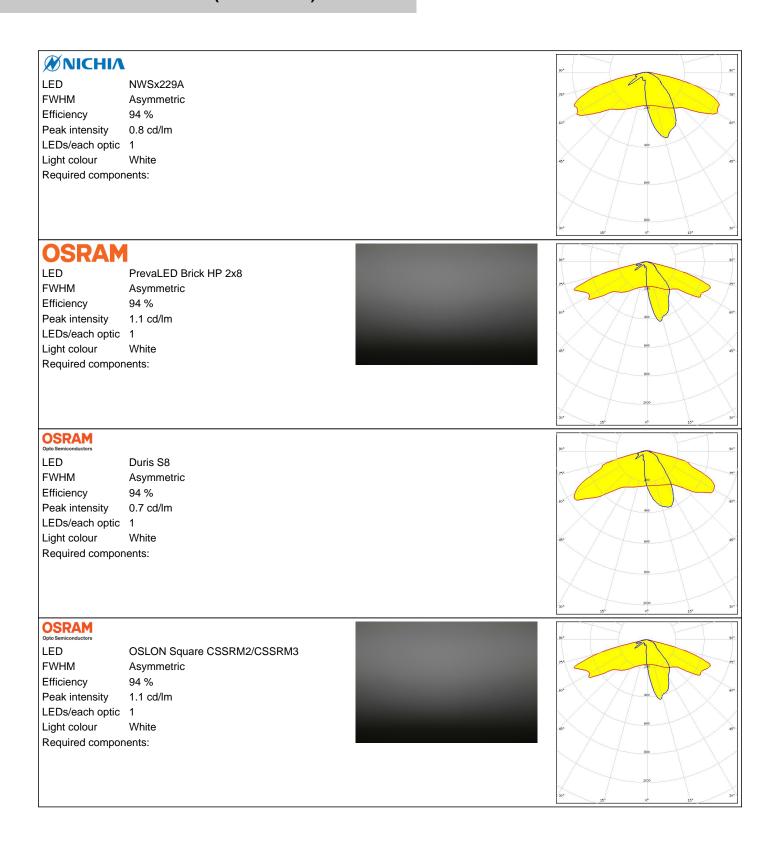
WNICHIA

LED NVSxx19B/NVSxx19C

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



PHOTOMETRIC DATA (MEASURED):



PHOTOMETRIC DATA (MEASURED):

OSRAM

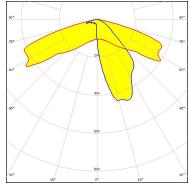
Opto Semiconducto

LED

OSLON Square CSSRM2/CSSRM3

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

Transparent protective cover

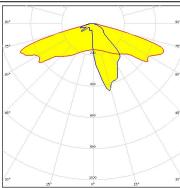


OSRAM Opto Semiconductors

Opto Semiconducto

OSLON Square PC

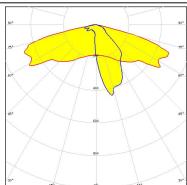
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4

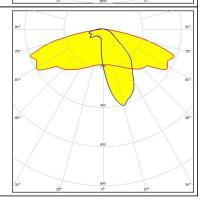
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4+

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



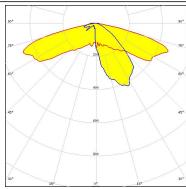
PHOTOMETRIC DATA (MEASURED):

PHILIPS

LED Fortimo FastFlex LED 2x8 DAX G4

FWHM Asymmetric Efficiency 0 %

LEDs/each optic 1 Light colour White Required components:

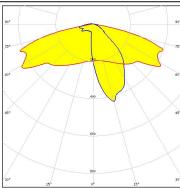


SAMSUNG

LED HILOM RH16 (LH351C)

FWHM Asymmetric Efficiency 94 %

Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

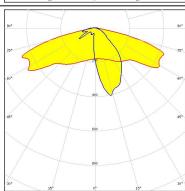


SAMSUNG

LED LH351B FWHM Asymmetric

Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1

Light colour White Required components:

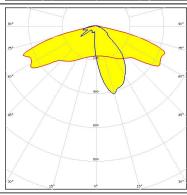


SAMSUNG

LED LH351C FWHM Asymmetric

Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White

Required components:





PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LH351D

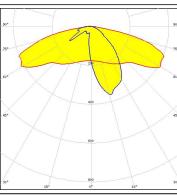
FWHM Asymmetric

Efficiency 94 %

Peak intensity 0.8 cd/lm LEDs/each optic 1

Light colour White

Required components:



SAMSUNG

LED LH351Z

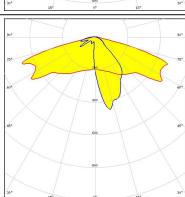
FWHM Asymmetric

Efficiency 94 % Peak intensity 1 cd/lm

LEDs/each optic 1

Light colour White

Required components:



SAMSUNG

LED LH508A

FWHM Asymmetric

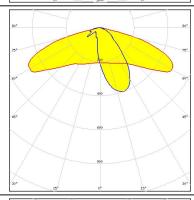
Efficiency 94 %

Peak intensity 0.8 cd/lm

LEDs/each optic 1

Light colour White

Required components:





LED Acrich MJT 4040

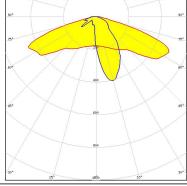
FWHM Asymmetric

Efficiency 94 %

Peak intensity 1 cd/lm

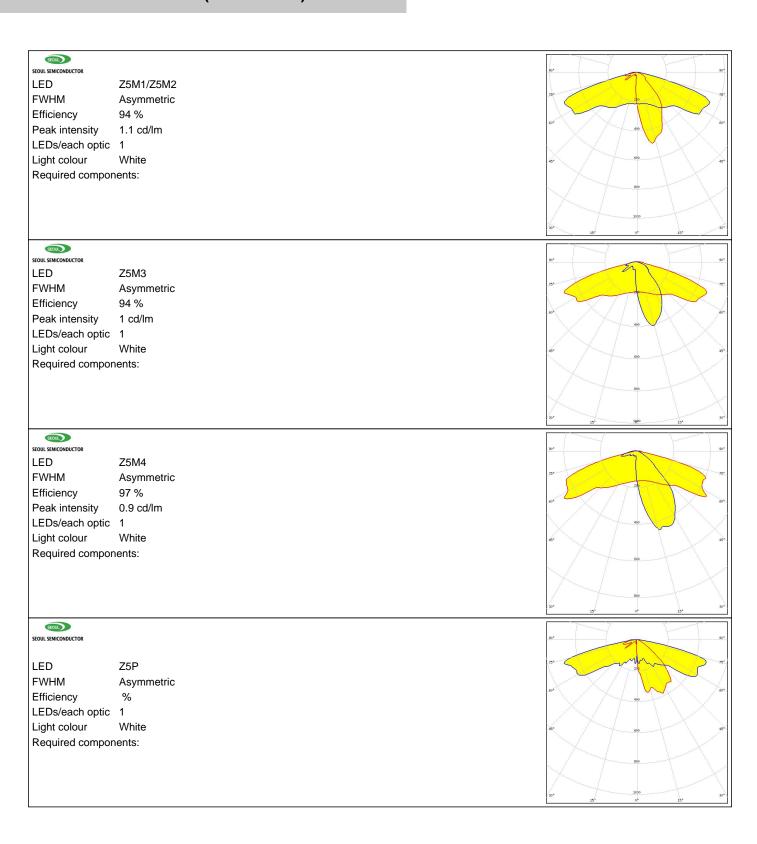
LEDs/each optic 1

Light colour White Required components:

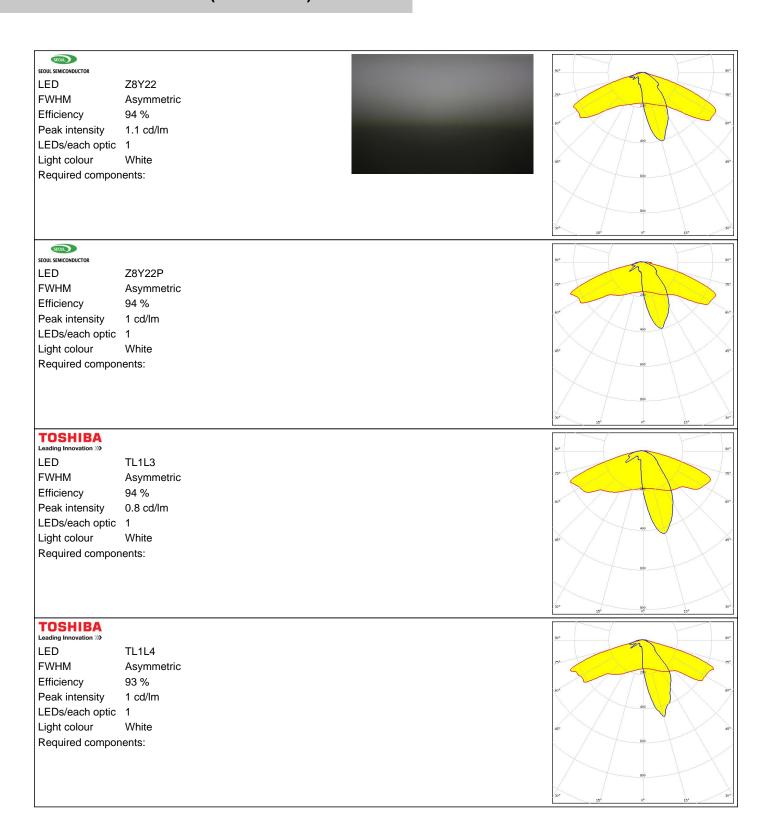




PHOTOMETRIC DATA (MEASURED):



PHOTOMETRIC DATA (MEASURED):



PHOTOMETRIC DATA (MEASURED):

TRIDONIC

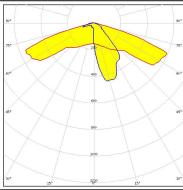
LED RLE 2x4 2000lm HP EXC2 OTD

FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD

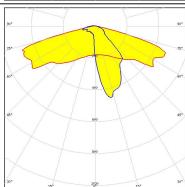
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

LED RLE G1 49x121mm 2000lm xxx EXC OTD

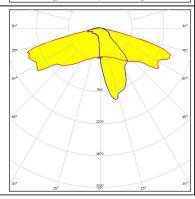
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD

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



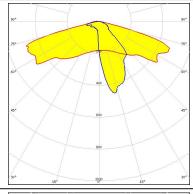


PHOTOMETRIC DATA (MEASURED):

TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD

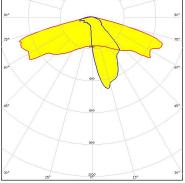
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

LED RLE G1 49x245mm 4000lm xxx EXC OTD

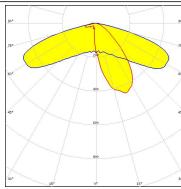
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

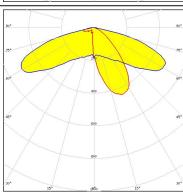
CREE \$

LED J Series 5050
FWHM Asymmetric
Efficiency 95 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



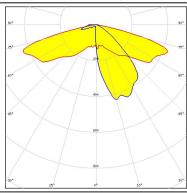
CREE 🕏

LED J Series 5050
FWHM Asymmetric
Efficiency 95 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE

LED XB-H
FWHM Asymmetric
Efficiency 91 %
LEDs/each optic 1
Light colour White
Required components:



CREE 💠

LED XHP35 HD
FWHM Asymmetric
Efficiency 90 %
LEDs/each optic 1
Light colour White
Required components:

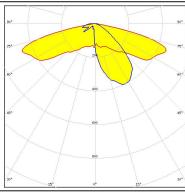
PHOTOMETRIC DATA (SIMULATED):

CREE 🚓

LED XHP35 HI
FWHM Asymmetric
Efficiency 92 %
LEDs/each optic 1
Light colour White
Required components:

CREE 🕏

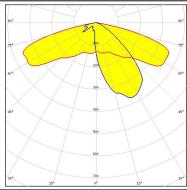
LED XP-G3
FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE 🕏

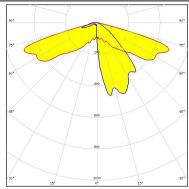
LED XP-G3
FWHM Asymmetric
Efficiency 81 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Transparent protective cover



CREE 🕏

LED XQ-E HD
FWHM Asymmetric
Efficiency 93 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



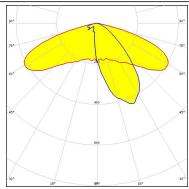
PHOTOMETRIC DATA (SIMULATED):



LED LUXEON 5050 Round LES

FWHM Asymmetric 86 % Efficiency Peak intensity 0.6 cd/lm LEDs/each optic Light colour White Required components:

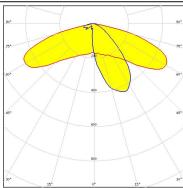
Transparent protective cover



LUMILEDS

LED LUXEON 5050 Square LES

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

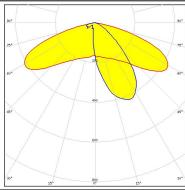


LUMILEDS

LED LUXEON 5050 Square LES

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

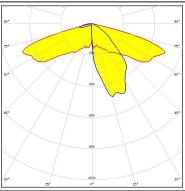
Transparent protective cover



MUMILEDS

LED LUXEON H50-2 **FWHM** Asymmetric

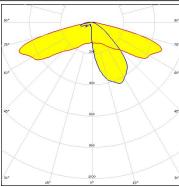
Efficiency % LEDs/each optic White Light colour Required components:



PHOTOMETRIC DATA (SIMULATED):

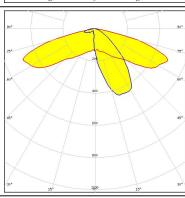
DESCRIPTION LUMILEDS

LED LUXEON V2
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



WNICHIA

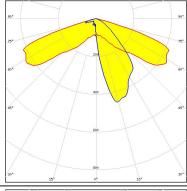
LED NV4WB35AM
FWHM Asymmetric
Efficiency 95 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



WNICHIA

LED NVSxE21A
FWHM Asymmetric
Efficiency 80 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1

LEDs/each optic 1
Light colour White
Required components:

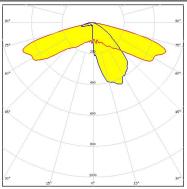


Transparent protective cover

WNICHIA

LED NVSxx19B/NVSxx19C

FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

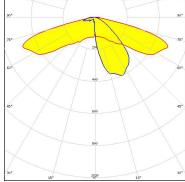


PHOTOMETRIC DATA (SIMULATED):

WNICHIA

LED NVSxx19B/NVSxx19C

FWHM Asymmetric 92 % Efficiency Peak intensity 0.8 cd/lm LEDs/each optic Light colour White



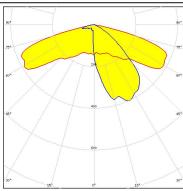
WNICHIA

Required components:

LED NVSxx19B/NVSxx19C

FWHM Asymmetric 82 % Efficiency Peak intensity 0.7 cd/lm LEDs/each optic 1 White Light colour Required components:

Transparent protective cover

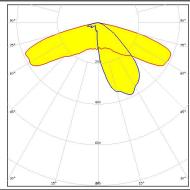


WNICHIA

LED NVSxx19B/NVSxx19C

FWHM Asymmetric Efficiency 81 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour White Required components:

Transparent protective cover

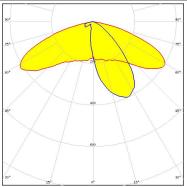


OSRAM Opto Semiconductors

LED Duris S8 **FWHM** Asymmetric Efficiency 81 % 0.5 cd/lm Peak intensity LEDs/each optic White Light colour

Transparent protective cover

Required components:



PHOTOMETRIC DATA (SIMULATED):

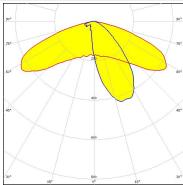
OSRAM

LED Duris S8 **FWHM** Asymmetric

86 % Efficiency Peak intensity 0.7 cd/lm

LEDs/each optic Light colour White Required components:

Transparent protective cover

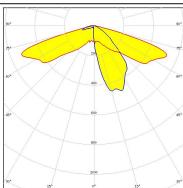


OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (2W version)

FWHM Asymmetric 92 % Efficiency Peak intensity 0.9 cd/lm LEDs/each optic 1

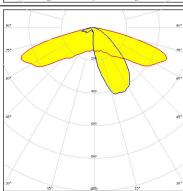
White Light colour Required components:



OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (3W version)

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

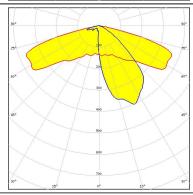


OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

FWHM Asymmetric Efficiency 80 % 0.6 cd/lm Peak intensity LEDs/each optic White Light colour Required components:

Transparent protective cover





PHOTOMETRIC DATA (SIMULATED):

OSRAM

LED

OSLON Square PC

FWHM Asymmetric 87 % Efficiency Peak intensity 0.7 cd/lm LEDs/each optic

Light colour White Required components:

Transparent protective cover

SAMSUNG

LED

LH351B

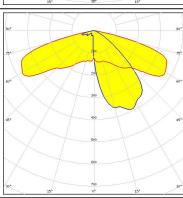
FWHM Asymmetric 81 % Efficiency

Peak intensity 0.6 cd/lm

LEDs/each optic 1

White Light colour

Required components:



Transparent protective cover

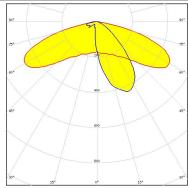


LED

SEOUL DC 5050 6V

FWHM Asymmetric Efficiency 95 % Peak intensity 0.6 cd/lm

LEDs/each optic Light colour White Required components:



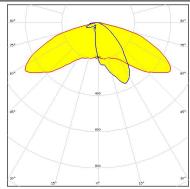


LED

FWHM

Z8Y19 Asymmetric Efficiency 90 %

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

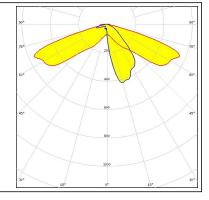




PHOTOMETRIC DATA (SIMULATED):



LED Z8Y19 **FWHM** Asymmetric Efficiency 93 % Peak intensity 0.9 cd/lm LEDs/each optic White Light colour Required components:



27/28



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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