STRADA-2X2-FS3

Forward throw beam optimized for European tunnels, resulting in extremely efficient lighting with counter-beam method.

SPECIFICATION:

Dimensions 50.0 x 50.0 mm

Height 12 mm

Fastening pin, screw

ROHS compliant yes 1



MATERIALS:

ComponentTypeMaterialColourFinishSTRADA-2X2-FS3Multi-lensPMMAclear

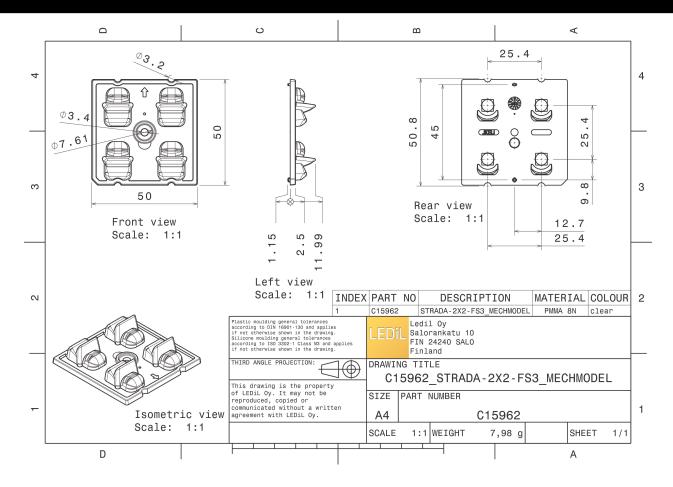
ORDERING INFORMATION:

Component

C15962_STRADA-2X2-FS3
» Box size: 480 x 280 x 300 mm

Qty in box MOQ MPQ Box weight (kg) 800 160 160 7.1



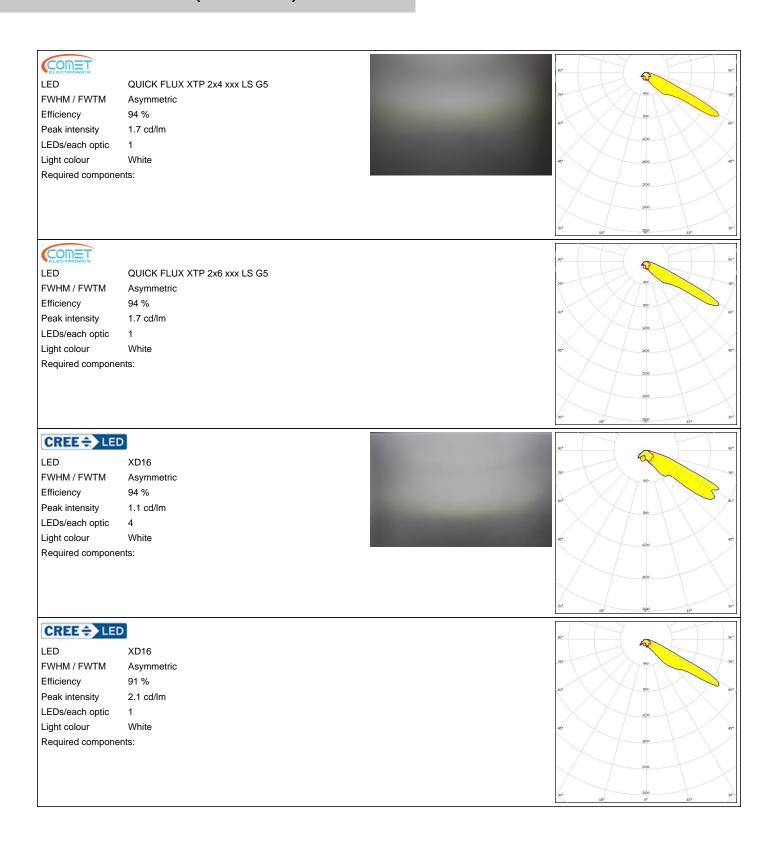


See also our general installation guide: www.ledil.com/installation_guide

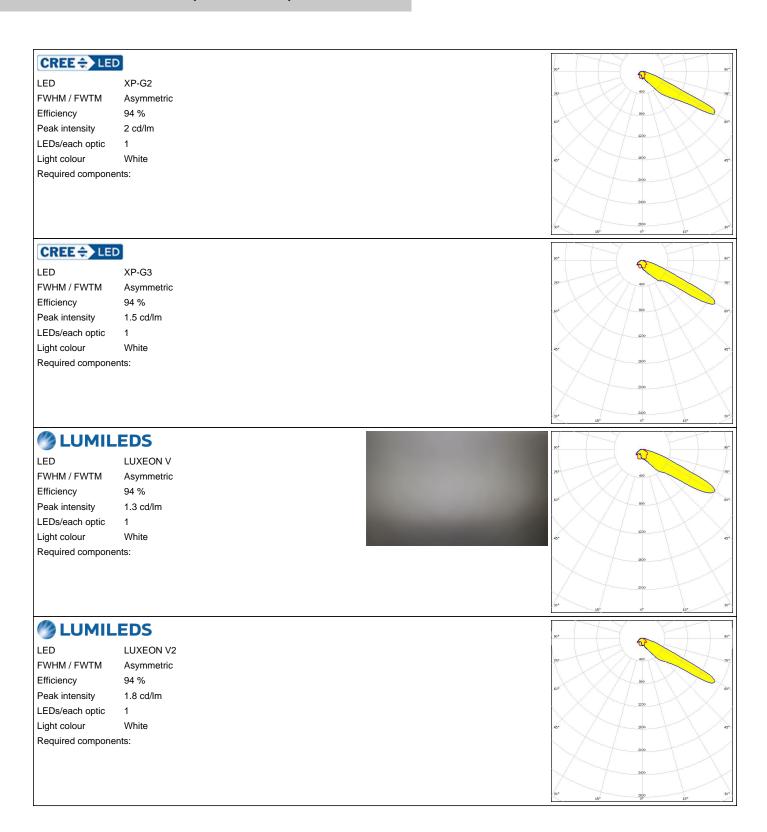
2/22

3/22

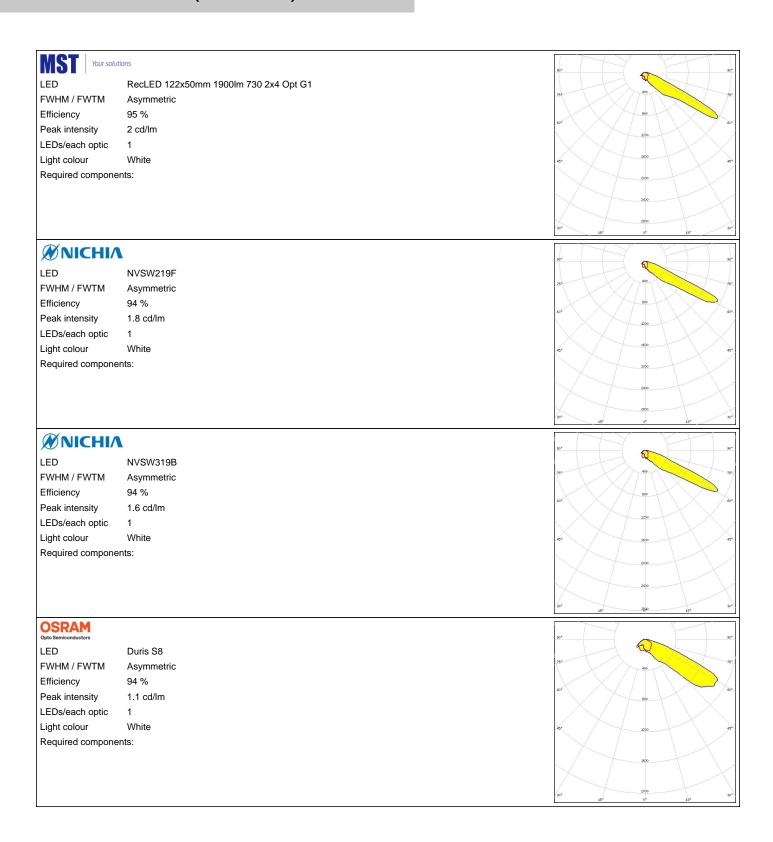
OPTICAL RESULTS (MEASURED):







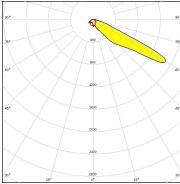




OSRAM

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconducto

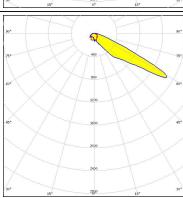
LED OSLON Square PC
FWHM / FWTM Asymmetric

Efficiency 93 %
Peak intensity 1.9 cd/lm

LEDs/each optic 1

Light colour White

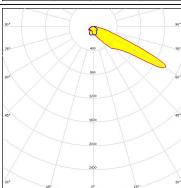
Required components:



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4+

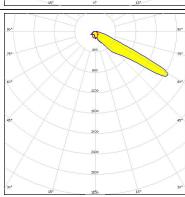
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G5

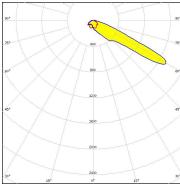
FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHILIPS

LED Fortimo FastFlex LED 2x8 DAX G4

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



SAMSUNG

LED HILOM RC12 Z (LH181B)

FWHM / FWTM Asymmetric

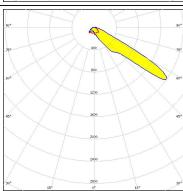
Efficiency 94 %

Peak intensity 2.1 cd/lm

LEDs/each optic 1

Light colour White

Required components:

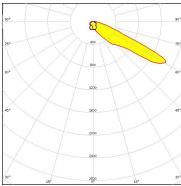


SAMSUNG

LED HILOM RH16 (LH351C)

FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White

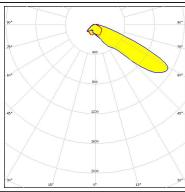
Required components:



SAMSUNG

LED HILOM RM12 Z (LH502C)

FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



7/22

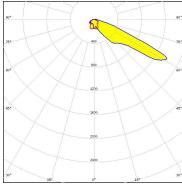
OPTICAL RESULTS (MEASURED):

SAMSUNG

LED HiLOM RM12 Z (LH502C)

FWHM / FWTM Asymmetric
Efficiency 95 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:



SAMSUNG

LED HILOM RM16 Z (LH502C)

FWHM / FWTM Asymmetric

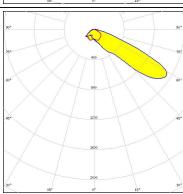
Efficiency 96 %

Peak intensity 1.1 cd/lm

LEDs/each optic 1

Light colour White

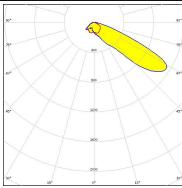
Required components:



SAMSUNG

LED HILOM RM8 Z (LH502C)

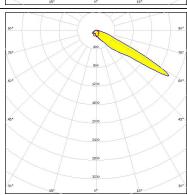
FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SGITGC Elektronik GmbH

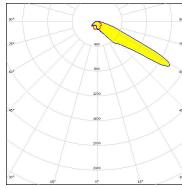
LED LED-Pa-L15c2W11c2-xxx-C050-01

FWHM / FWTM Asymmetric
Efficiency 96 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



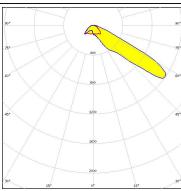


LED Z5M3
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

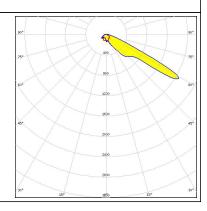
LED RLE 2x4 2000lm HP EXC2 OTD

FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 2.2 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 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

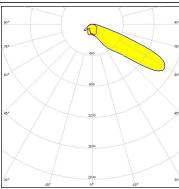




LED Bridgelux SMD 5050

FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 1.1 cd/lm LEDs/each optic Light colour White

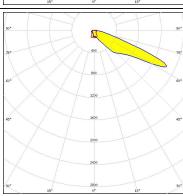
Required components:



CREE - LED

XP-G2 HE LED FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 1.5 cd/lm LEDs/each optic 1 White

Light colour Required components:

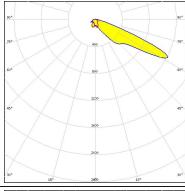


CREE \$\(\preceq\) LED

LED XP-G3 FWHM / FWTM Asymmetric Efficiency 73 % Peak intensity 1.2 cd/lm LEDs/each optic 1

Light colour White Required components:

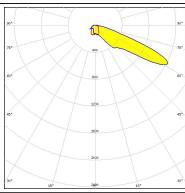
Protective plate, glass



CREE & LED

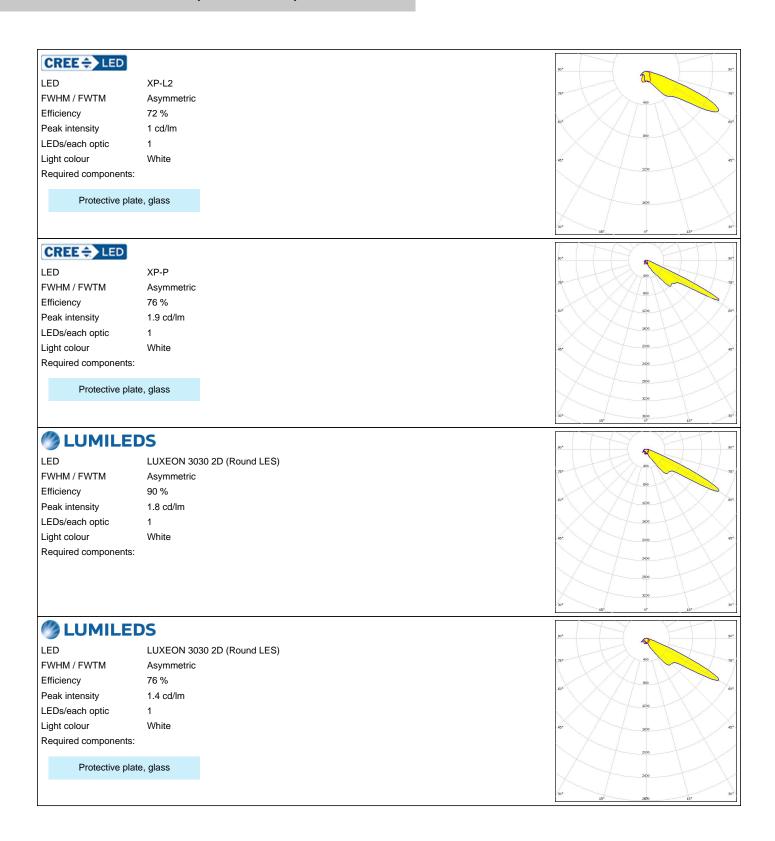
XP-L2 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 1.2 cd/lm LEDs/each optic White Light colour

Required components:



Published: 03/09/2018

OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

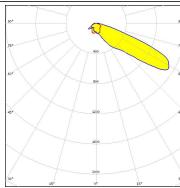




LED LUXEON 5050 Square LES

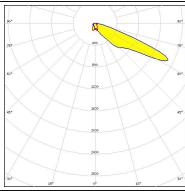
FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 1.1 cd/lm LEDs/each optic Light colour White

Required components:



MUMILEDS

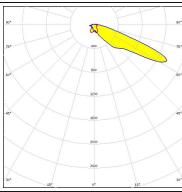
LED LUXEON HL2X FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 1.5 cd/lm LEDs/each optic 1 White Light colour Required components:



LUMILEDS

LED LUXEON HL2X-D $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 92 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour

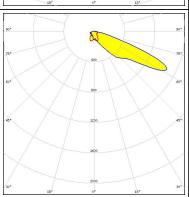
White Required components:



MUMILEDS

LED LUXEON HL2X-D FWHM / FWTM Asymmetric Efficiency 76 % Peak intensity 1.1 cd/lm LEDs/each optic 1 White Light colour Required components:

Protective plate, glass



Published: 03/09/2018

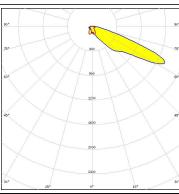


LED LUXEON HL2X-P FWHM / FWTM Asymmetric

Efficiency 87 %
Peak intensity 1.3 cd/lm

LEDs/each optic 1
Light colour White

Required components:



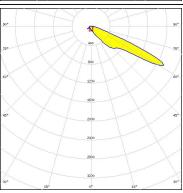
MUMILEDS

LED LUXEON TX

FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 1.7 cd/lm

LEDs/each optic 1
Light colour White

Required components:

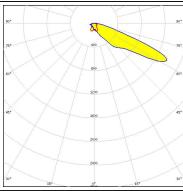


MILEDS

LED LUXEON XR-HL2X (L2H2-xxxxxxMLU010)

FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1

Light colour White Required components:

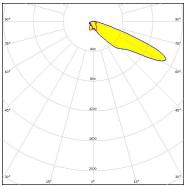


LUMILEDS

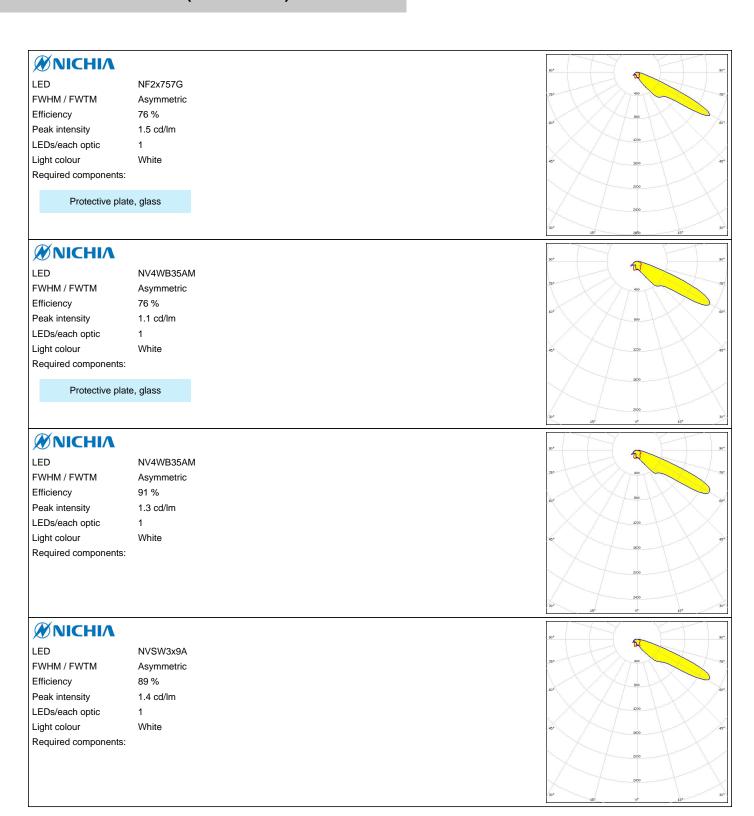
LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)

FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass



Published: 03/09/2018

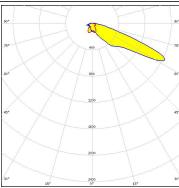


15/22



LED NVSW519A
FWHM / FWTM Asymmetric
Efficiency 89 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White

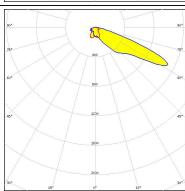
Required components:



WNICHIA

LED NVSW519A
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

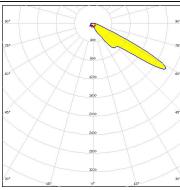
Protective plate, glass



WNICHIA

LED NVSxE21A
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White

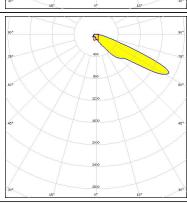
Required components:



WNICHIA

LED NVSxx19B/NVSxx19C

FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

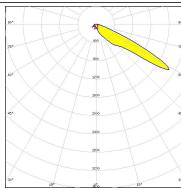


LED Duris S5 (2 chip) FWHM / FWTM Asymmetric

Efficiency 91 % Peak intensity 1.9 cd/lm

LEDs/each optic Light colour White

Required components:

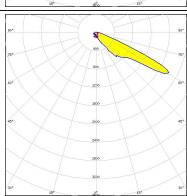


OSRAM

LED OSCONIQ P 3737 (2W version)

FWHM / FWTM Asymmetric Efficiency 91 % Peak intensity 1.8 cd/lm LEDs/each optic 1 White Light colour

Required components:

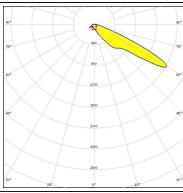


OSRAM Opto Semiconductors

LED OSCONIQ P 3737 Flat

FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour White

Required components:

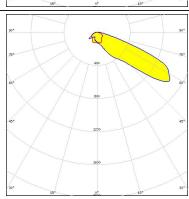


OSRAM

LED OSCONIQ S 5050

FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 1.1 cd/lm LEDs/each optic White Light colour

Required components:



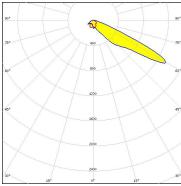
Published: 03/09/2018

OSRAM

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM Asymmetric Efficiency 80 % Peak intensity 1.4 cd/lm LEDs/each optic Light colour White Required components:

Protective plate, glass

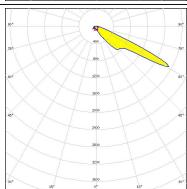


OSRAM

LED OSLON Square Flat

FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 1.9 cd/lm LEDs/each optic 1 White Light colour

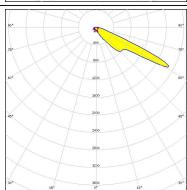
Required components:



OSRAM Opto Semiconductors

LED OSTAR Projection Compact (Kx.CSLNM1.xx)

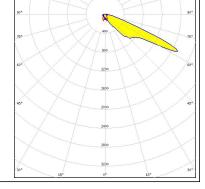
FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components:



PHILIPS

Fortimo FastFlex LED 2x8 DA G4

FWHM / FWTM Asymmetric 91 % Efficiency Peak intensity 1.7 cd/lm LEDs/each optic White Light colour Required components:



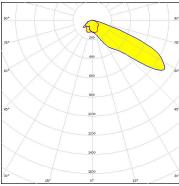
PHILIPS

LED Fortimo FastFlex LED 2x8 DA HE

FWHM / FWTM Asymmetric
Efficiency 78 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White

Required components:

Protective plate, glass

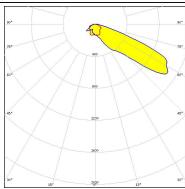


PHILIPS

LED Fortimo FastFlex LED 2x8 DA HE

FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White

Required components:

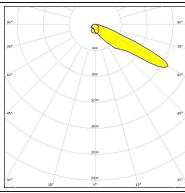


SAMSUNG

LED HILOM RH16 (LH351C)

FWHM / FWTM Asymmetric
Efficiency 83 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White

Protective plate, glass



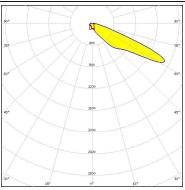
SAMSUNG

Required components:

FWHM / FWTM Asymmetric

Efficiency 87 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1

Light colour White Required components:



SAMSUNG

LH351B

FWHM / FWTM Asymmetric

Efficiency 75 % Peak intensity

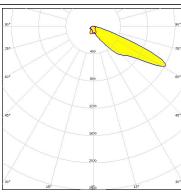
1.2 cd/lm

LEDs/each optic

Light colour White

Required components:

Protective plate, glass



SAMSUNG

LED LH351D

FWHM / FWTM Asymmetric

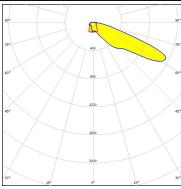
Efficiency 86 %

Peak intensity LEDs/each optic 1

1.2 cd/lm White

Light colour

Required components:



SAMSUNG

LED LH502D

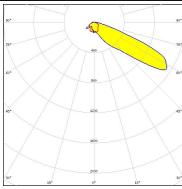
FWHM / FWTM Asymmetric

Efficiency 86 %

Peak intensity 1.1 cd/lm

LEDs/each optic 1 Light colour White

Required components:





LED SEOUL DC 5050 6V

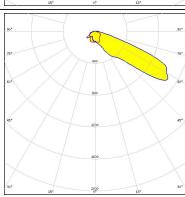
FWHM / FWTM Asymmetric

Efficiency 90 %

Peak intensity 1.1 cd/lm

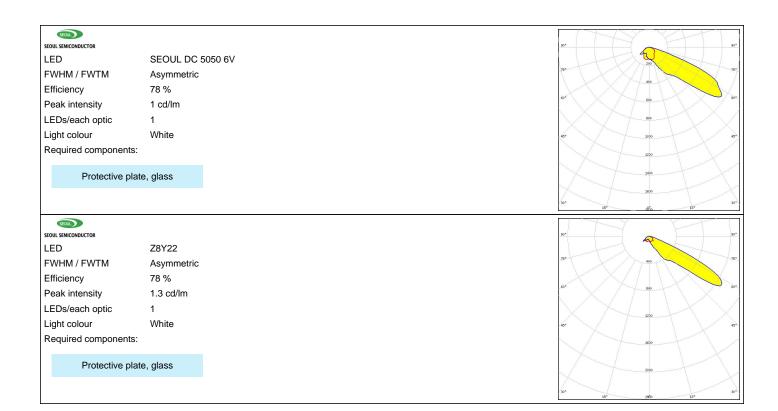
LEDs/each optic White Light colour

Required components:



20/22







GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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LEDIL Oy

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405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

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Salo, Finland Hong Kong, China

Distribution Partners

22/22

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