#### STRADA-2X2-C-STP

Beam for area and street lighting such as parks and pedestrian walkways

#### SPECIFICATION:

 $\begin{array}{ccc} \text{Dimensions} & & 50.0 \text{ x } 50.0 \text{ mm} \\ \text{Height} & & 5.3 \text{ mm} \\ \text{Fastening} & & \text{pin, screw} \\ \text{ROHS compliant} & & \text{yes} \end{array}$ 



#### **MATERIALS:**

ComponentTypeMaterialColourFinishSTRADA-2X2-C-STPMulti-lensPMMAclear

#### **ORDERING INFORMATION:**

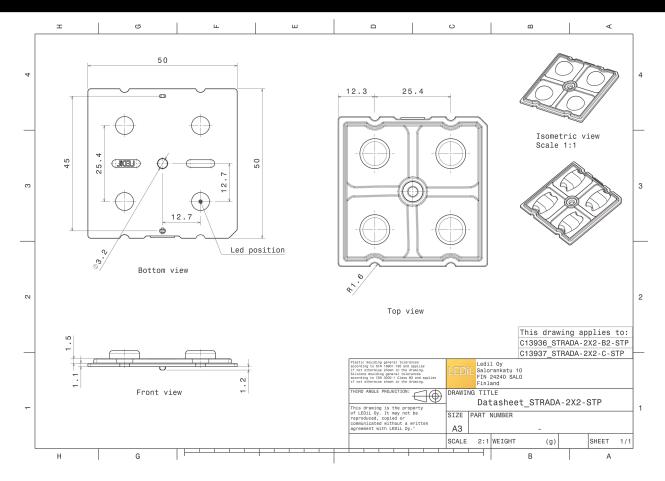
 Component
 Qty in box
 MOQ
 MPQ
 Box weight (kg)

 C13937\_STRADA-2X2-C-STP
 800
 160
 5.5

» Box size: 476 x 273 x 292 mm

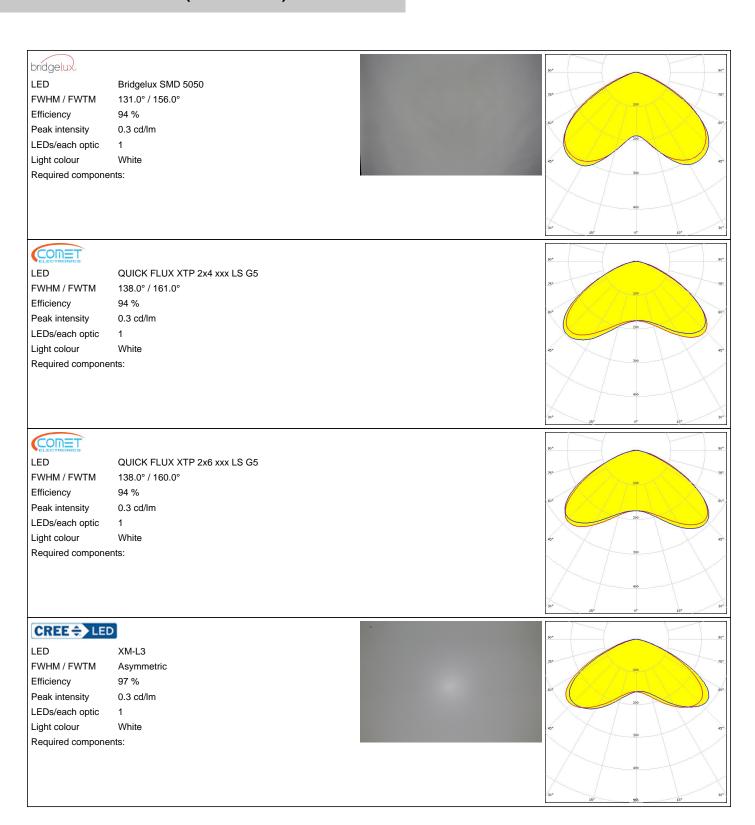


# **PRODUCT** C13937\_STRADA-2X2-C-STP



See also our general installation guide: <a href="www.ledil.com/installation\_guide">www.ledil.com/installation\_guide</a>





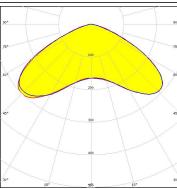




XP-G2  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 137.0° / 158.0°

Efficiency 94 % Peak intensity 0.3 cd/lm LEDs/each optic

Light colour White Required components:

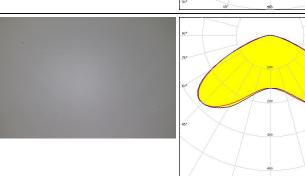


#### CREE - LED

LED XP-G3 FWHM / FWTM 141.0° / 164.0°

Efficiency 94 % Peak intensity 0.3 cd/lm LEDs/each optic 1 White Light colour

Required components:

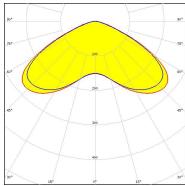


#### CREE - LED

LED XP-L HD

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 139.0° / 166.0°

Efficiency 92 % Peak intensity 0.3 cd/lm LEDs/each optic Light colour White



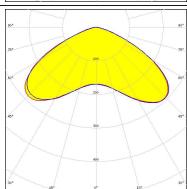
#### CREE - LED

Required components:

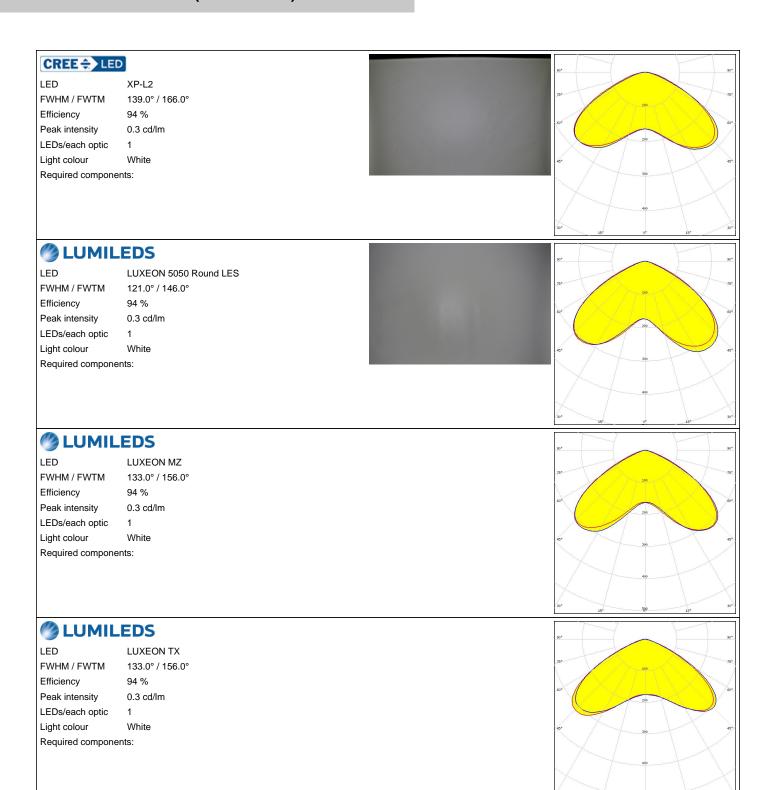
XP-L HI

FWHM / FWTM 136.0° / 162.0°

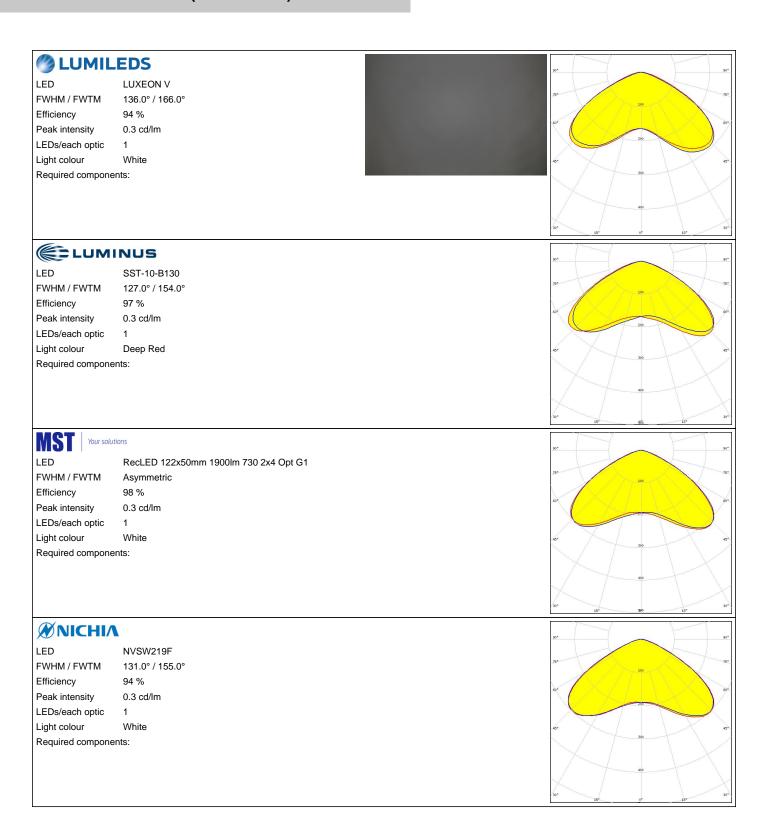
Efficiency 94 % Peak intensity 0.3 cd/lm LEDs/each optic White Light colour Required components:





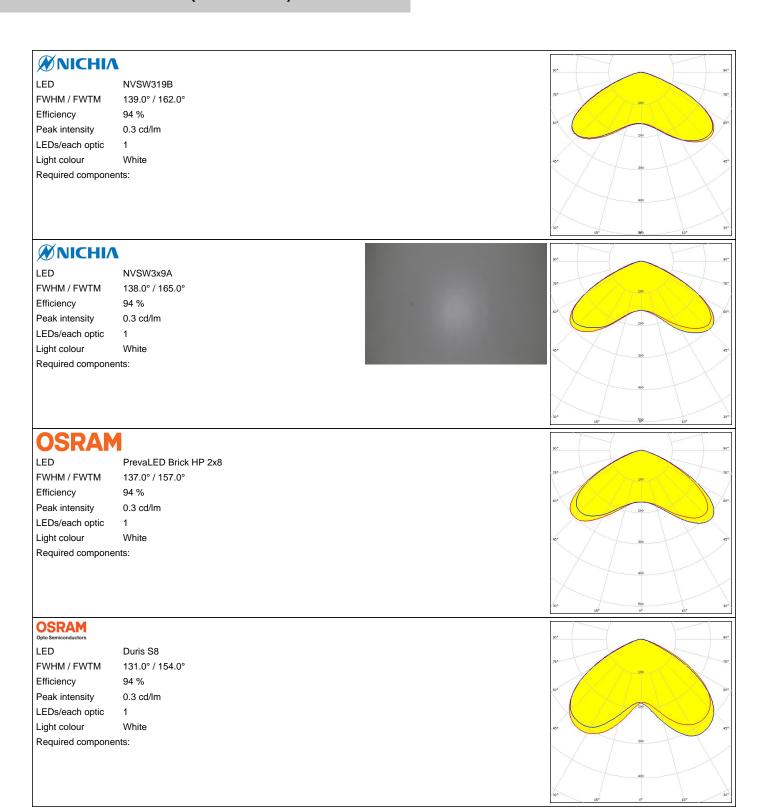






6/21





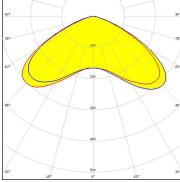


#### **OSRAM**

LED OSLON Square CSSRM2/CSSRM3

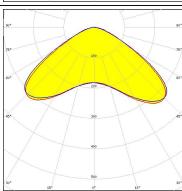
FWHM / FWTM 137.0° / 157.0° Efficiency 94 % Peak intensity 0.3 cd/lm LEDs/each optic Light colour White

Required components:



#### **OSRAM**

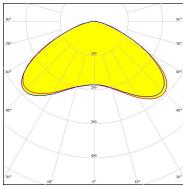
LED OSLON Square PC FWHM / FWTM 130.0° / 161.0° Efficiency 94 % Peak intensity 0.3 cd/lm LEDs/each optic 1 White Light colour Required components:



LED Fortimo FastFlex LED 2x8 DA G4

FWHM / FWTM 136.0° / 161.0° Efficiency 94 % Peak intensity 0.3 cd/lm LEDs/each optic

Light colour White Required components:

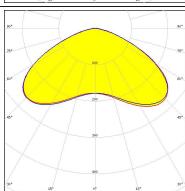


# **PHILIPS**

Fortimo FastFlex LED 2x8 DA G4+

FWHM / FWTM 130.0° / 157.0° Efficiency 97 %

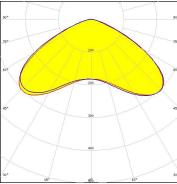
Peak intensity 0.3 cd/lm LEDs/each optic White Light colour Required components:



Fortimo FastFlex LED 2x8 DA G5

FWHM / FWTM 124.0° / 151.0° Efficiency 98 % Peak intensity 0.3 cd/lm LEDs/each optic

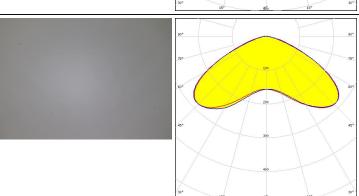
Light colour White Required components:



Fortimo FastFlex LED 2x8 DAX G4 LED

FWHM / FWTM 141.0° / 164.0° Efficiency 94 % Peak intensity 0.3 cd/lm LEDs/each optic 1

White Light colour Required components:

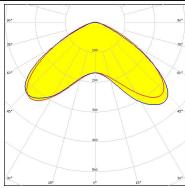


# **SAMSUNG**

LED HiLOM RC12 Z (LH181B)

FWHM / FWTM 118.0° / 145.0°

Efficiency 99 % Peak intensity 0.4 cd/lm LEDs/each optic Light colour White Required components:

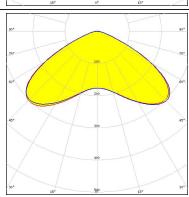


# **SAMSUNG**

HiLOM RH12 Z (LH351C)

FWHM / FWTM 133.0° / 160.0°

Efficiency 97 % Peak intensity 0.3 cd/lm LEDs/each optic White Light colour Required components:



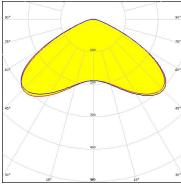


# **SAMSUNG**

HiLOM RH16 (LH351C)

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ Asymmetric Efficiency 94 % Peak intensity 0.3 cd/lm LEDs/each optic Light colour White

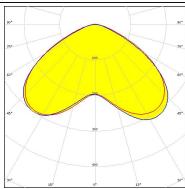
Required components:



# SAMSUNG

HiLOM RM12 Z (LH502C) LED

FWHM / FWTM 121.0° / 150.0° Efficiency 97 % Peak intensity 0.3 cd/lm LEDs/each optic 1 White Light colour



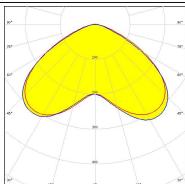
# **SAMSUNG**

Required components:

LED HiLOM RM16 Z (LH502C)

FWHM / FWTM 122.0° / 152.0° Efficiency 99 %

Peak intensity 0.3 cd/lm LEDs/each optic Light colour White Required components:

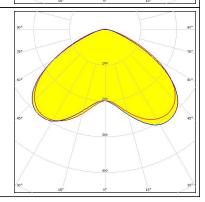


# **SAMSUNG**

HiLOM RM8 Z (LH502C)

FWHM / FWTM 123.0° / 153.0°

Efficiency 98 % Peak intensity 0.3 cd/lm LEDs/each optic White Light colour Required components:





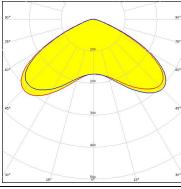
# **SAMSUNG**

LED LH351B FWHM / FWTM 134.0° / 158.0°

Efficiency 94 %
Peak intensity 0.3 cd/lm

Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour White

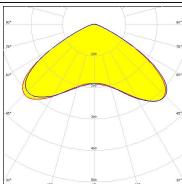
Required components:



# **SAMSUNG**

LED LH351Z FWHM / FWTM 127.0° / 153.0°

Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



# **SAMSUNG**

LED LH508A
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1

White

#### SGITGC Elektronik GmbH

Light colour

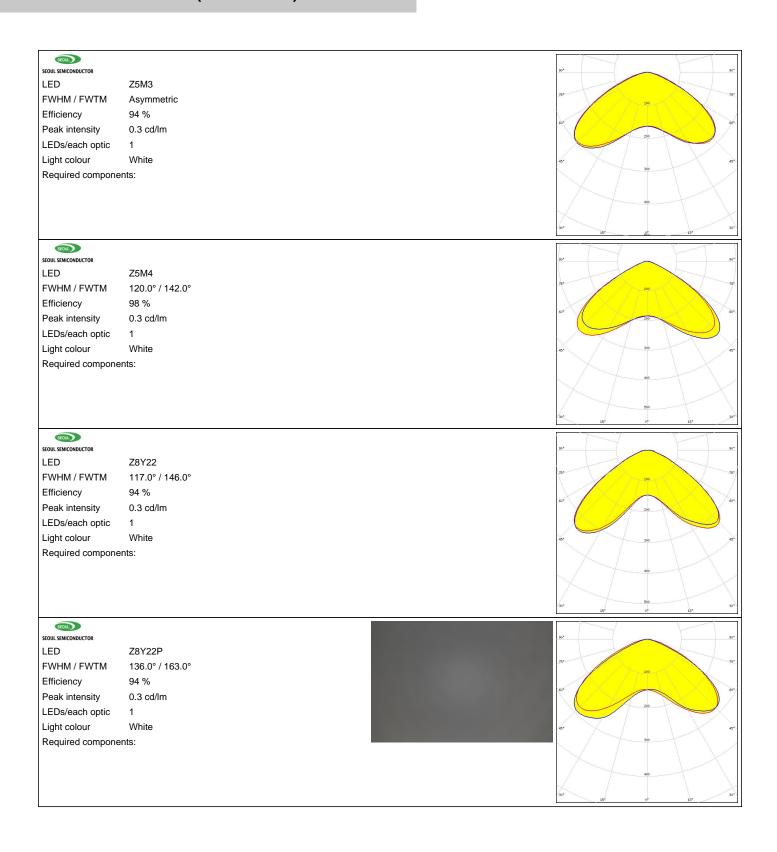
Required components:

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

FWHM / FWTM 124.0° / 148.0°

Efficiency 98 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



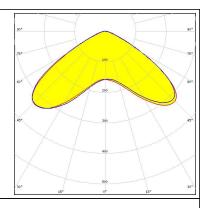




#### **TOSHIBA**

#### Leading Innovation

LED TL1L4
FWHM / FWTM 119.0° / 143.0°
Efficiency 92 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



# **TRIDONIC**

LED RLE 2x4 2000lm HP EXC2 OTD

 FWHM / FWTM
 137.0° / 159.0°

 Efficiency
 94 %

 Peak intensity
 0.3 cd/lm

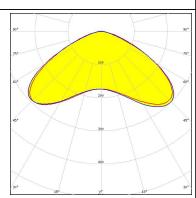
LEDs/each optic 1
Light colour White
Required components:

### TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD

FWHM / FWTM 137.0° / 159.0° Efficiency 94 % Peak intensity 0.3 cd/lm

Peak intensity 0.3 cd/lt LEDs/each optic 1 Light colour White Required components:

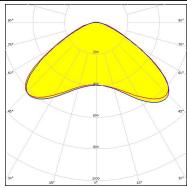


# **TRIDONIC**

LED RLE G1 49x121mm 2000lm xxx EXC OTD

FWHM / FWTM 129.0° / 158.0° Efficiency 94 %

Peak intensity 0.3 cd/lm LEDs/each optic 1
Light colour White Required components:



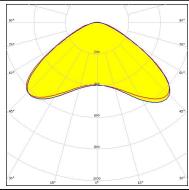


# **TRIDONIC**

LED RLE G1 49x133mm 2000lm xxx EXC OTD

FWHM / FWTM 129.0° / 158.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1

Light colour White Required components:

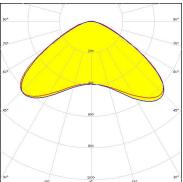


# **TRIDONIC**

LED RLE G1 49x223mm 4000lm xxx EXC OTD

FWHM / FWTM 129.0° / 158.0° Efficiency 94 %

Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

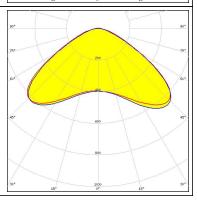


#### TRIDONIC

LED RLE G1 49x245mm 4000lm xxx EXC OTD

FWHM / FWTM 129.0° / 158.0°

Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



#### **OPTICAL RESULTS (SIMULATED):**

White

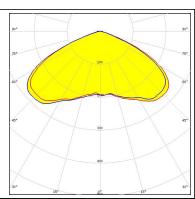


LED XP-G2 HE FWHM / FWTM 130.0° / 146.0°

Efficiency 95 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1

Required components:

Light colour



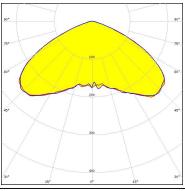
#### CREE & LED

LED XP-G3 FWHM / FWTM 128.0° / 148.0°

Efficiency 84 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

Protective plate, glass



#### LUMILEDS

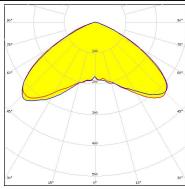
LED LUXEON 3030 2D (Round LES)

 FWHM / FWTM
 119.0° / 141.0°

 Efficiency
 94 %

 Peak intensity
 0.3 cd/lm

LEDs/each optic 1
Light colour White
Required components:

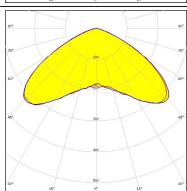


#### LUMILEDS

LED LUXEON 3030 2D (Square LES)

FWHM / FWTM 121.0° / 143.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:



#### **OPTICAL RESULTS (SIMULATED):**

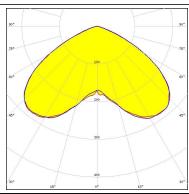


LED LUXEON 5050 HE FWHM / FWTM 120.0° / 143.0°

Efficiency 87 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

Protective plate, glass

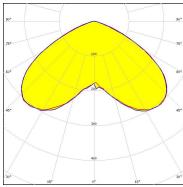


#### LUMILEDS

LED LUXEON 5050 HE FWHM / FWTM 122.0° / 145.0°

Efficiency 96 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:



#### **MUMILEDS**

LED LUXEON 5050 Round LES

FWHM / FWTM 120.0° / 141.0°

Efficiency 88 %

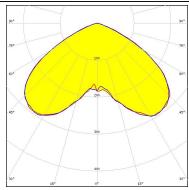
Peak intensity 0.3 cd/lm

LEDs/each optic 1

Light colour White

Required components:

Protective plate, glass

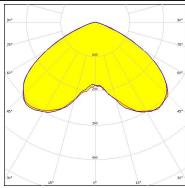


## LUMILEDS

LED LUXEON 5050 Square LES

FWHM / FWTM 120.0° / 143.0°
Efficiency 96 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:



#### **OPTICAL RESULTS (SIMULATED):**

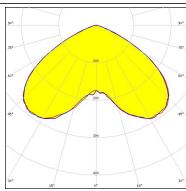


LED LUXEON 5050 Square LES

FWHM / FWTM 120.0° / 141.0°
Efficiency 88 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

Protective plate, glass

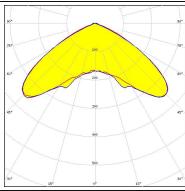


#### LUMILEDS

LED LUXEON HL2Z FWHM / FWTM 118.0° / 136.0°

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

Required components:

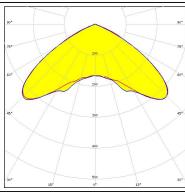


#### **MUMILEDS**

LED LUXEON HL2Z FWHM / FWTM 117.0° / 134.0°

Efficiency 87 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

Protective plate, glass



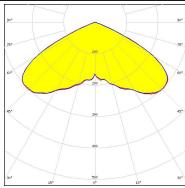
## LUMILEDS

Required components:

LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)

FWHM / FWTM 126.0° / 138.0°
Efficiency 96 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:





#### **OPTICAL RESULTS (SIMULATED):**



LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)

White

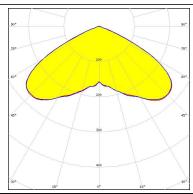
FWHM / FWTM 124.0° / 138.0° Efficiency 86 %

Peak intensity 0.3 cd/lm LEDs/each optic 1

Required components:

Light colour

Protective plate, glass

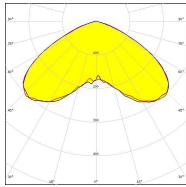


#### **WNICHIA**

LED NV4WB35AM FWHM / FWTM 124.0° / 147.0°

Efficiency 96 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

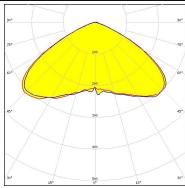


#### **WNICHIA**

LED NVSW219D FWHM / FWTM 120.0° / 140.0°

Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

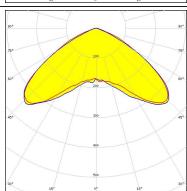


#### **WNICHIA**

LED NVSxE21A FWHM / FWTM 118.0° / 138.0°

Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:



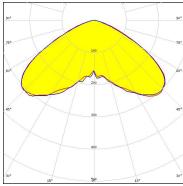
#### **OPTICAL RESULTS (SIMULATED):**

#### **OSRAM**

LED OSCONIQ P 3737 (3W version)

FWHM / FWTM 116.0° / 144.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:



#### **OSRAM**

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM 124.0° / 144.0°

Efficiency 84 %

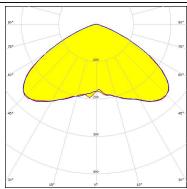
Peak intensity 0.3 cd/lm

LEDs/each optic 1

Light colour White

Required components:

Protective plate, glass



#### PHILIPS

LED Fortimo FastFlex LED 2x8 DA HE

FWHM / FWTM 122.0° / 140.0 + 138.0°

Efficiency 97 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

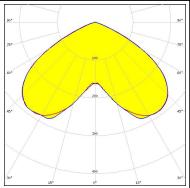
# **PHILIPS**

LED Fortimo FastFlex LED 2x8 DA HE

FWHM / FWTM 120.0° / 140.0 + 138.0°

Efficiency 86 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass



#### **OPTICAL RESULTS (SIMULATED):**

# **SAMSUNG**

LED HiLOM RH12 Z (LH351C)

FWHM / FWTM 123.0° / 144.0°

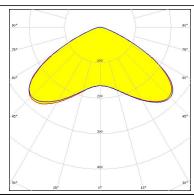
Efficiency 86 % Peak intensity 0.3 cd/lm

LEDs/each optic 1

Light colour White

Required components:

Protective plate, glass

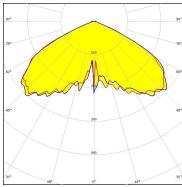


# **SAMSUNG**

LED LH351D FWHM / FWTM 123.0° / 140.0°

Efficiency 91 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:



# SEOUL SEMICONDUCTOR

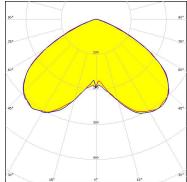
LED MJT 5050 FWHM / FWTM 121.0° / 143.0°

Efficiency 96 %

Peak intensity 0.3 cd/lm

LEDs/each optic 1

Light colour White Required components:

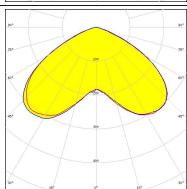


#### SEOUL SEMICONDUCTOR

LED SEOUL DC 5050 6V FWHM / FWTM 112.0° / 140.0°

Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:



#### **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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

#### **LEDIL Oy**

Joensuunkatu 13 FI-24240 SALO Finland

#### LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

# Ledil Optics Technology (Shenzhen) Co., Ltd.

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

# Local sales and technical support

www.ledil.com/ where\_to\_buy

#### **Shipping locations**

Salo, Finland Hong Kong, China

#### **Distribution Partners**

21/21

www.ledil.com/ where\_to\_buy