

## STRADA-2X2MX-8-DWC

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

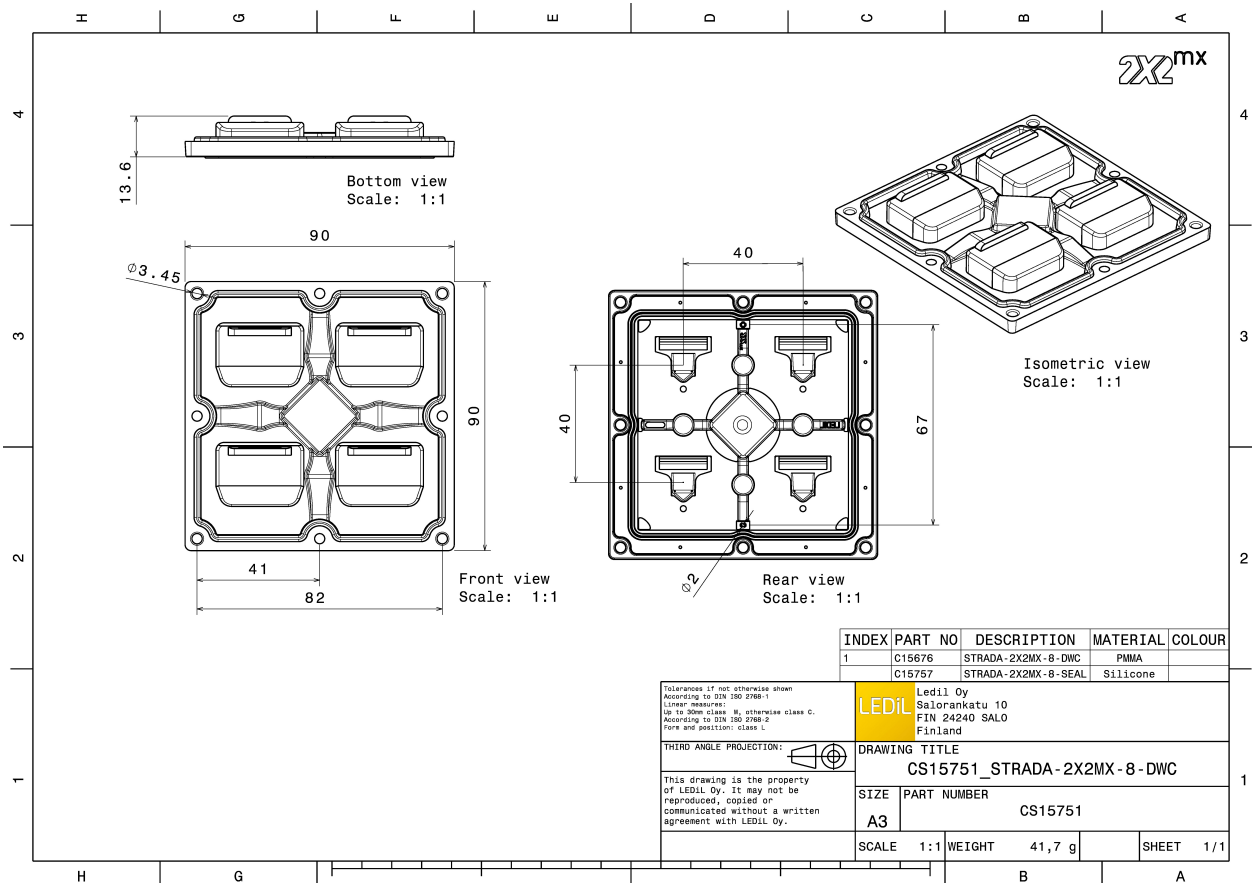
### TECHNICAL SPECIFICATIONS:

Dimensions	90.0 mm
Height	13.6 mm
Fastening	screw
Colour	clear
Box size	476 x 273 x 292 mm
Box weight	7.5 kg
Quantity in Box	156 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

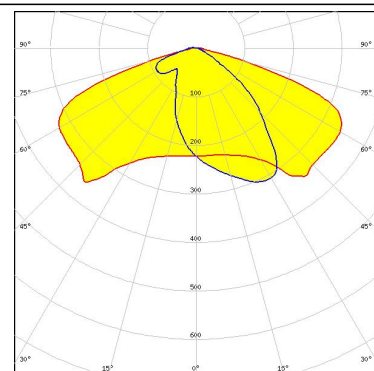
Component	Type	Material	Colour
STRADA-2X2MX-8-DWC	Multi-lens	PMMA	clear
STRADA-2X2MX-8-SEAL	Seal	Silicone	clear



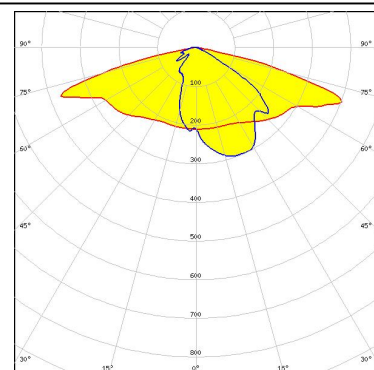
#### PHOTOMETRIC DATA (MEASURED):



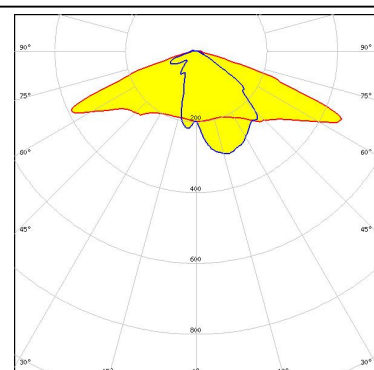
LED CXA/B 15xx  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.480 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 441 Typ 2x2MX HV



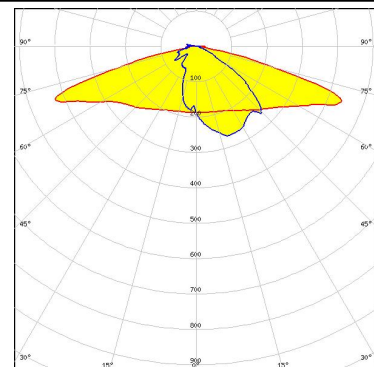
LED LUXEON M/MX  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.640 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED HiLOM SC16 (LH181B)  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.780 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



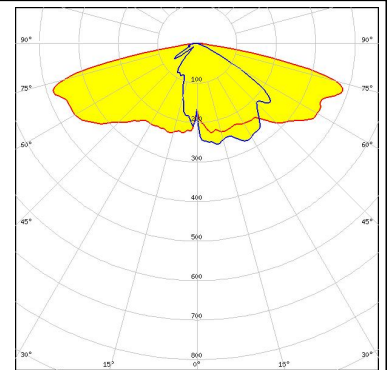
LED Z8Y22  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.735 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

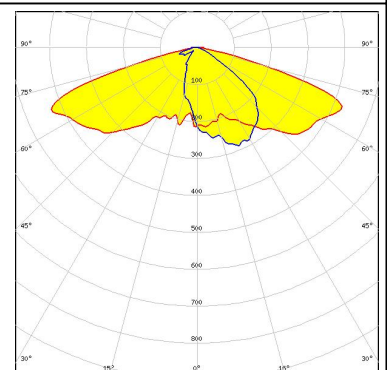


LED Bridgelux SMD 5050  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.510 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

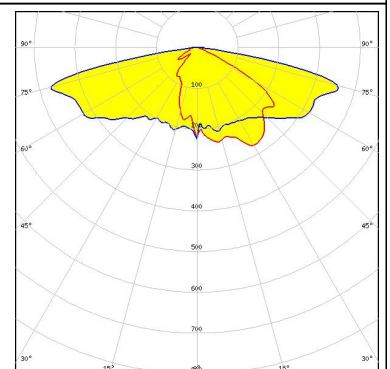


#### CITIZEN

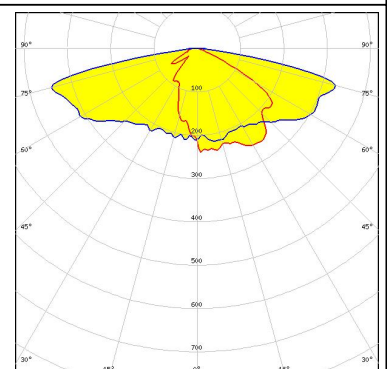
LED CLU700/701  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.570 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 434 Typ 2x2MX HV



LED XHP50  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.520 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



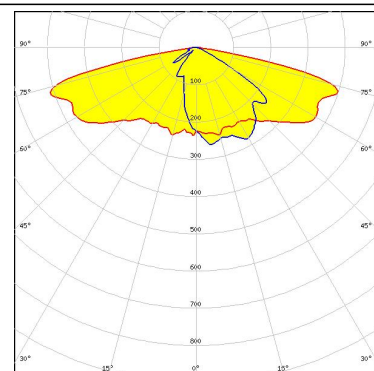
LED XHP50.2  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.490 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



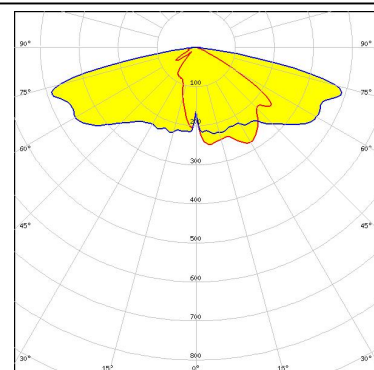
#### PHOTOMETRIC DATA (SIMULATED):



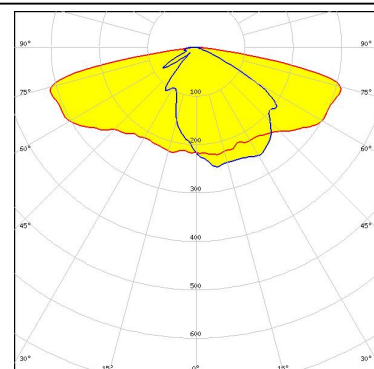
LED LUXEON 5050  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.570 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



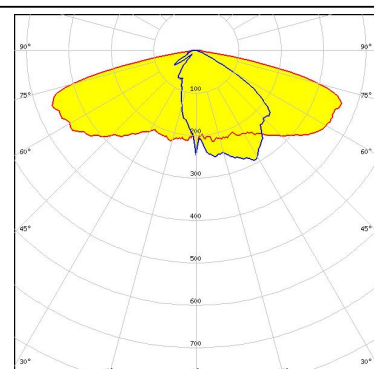
LED NFMW48xA  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.520 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NV4x144A  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.440 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



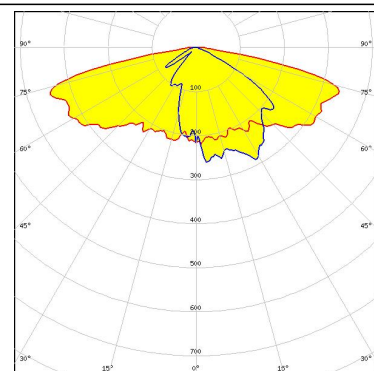
LED Duris S10  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.510 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

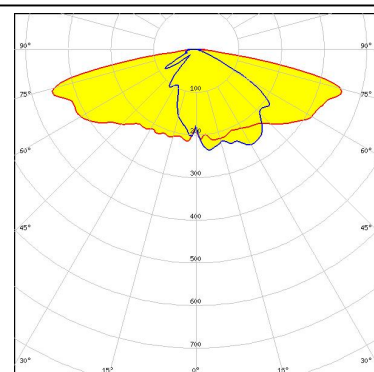
**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 7070  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.520 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**PHILIPS**

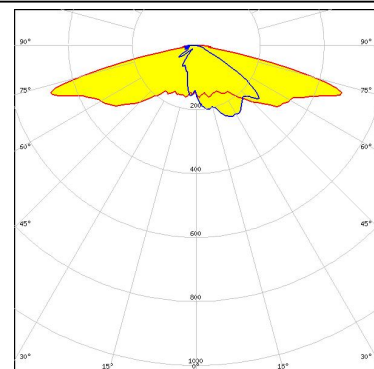
LED Fortimo FastFlex LED 2x2 70x70 DC G4  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.470 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**SEOUL**

SEOUL SEMICONDUCTOR

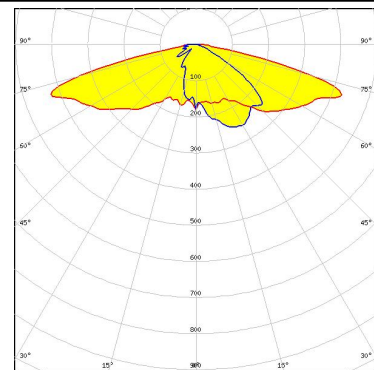
LED Z8Y19  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.720 cd/lm  
LEDs/each optic 4  
Light colour White  
Required components:



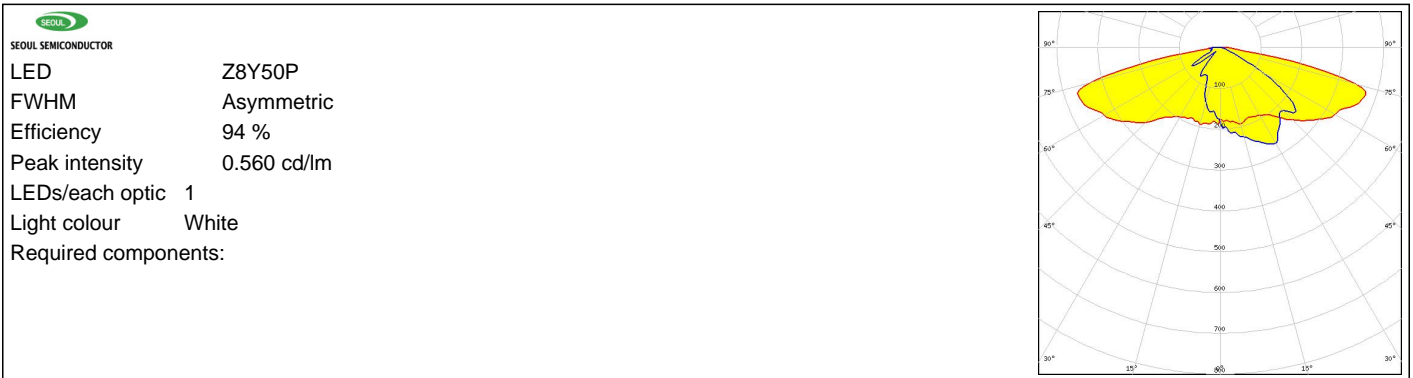
**SEOUL**

SEOUL SEMICONDUCTOR

LED Z8Y22  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.610 cd/lm  
LEDs/each optic 4  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):





#### 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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

#### 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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#### Shipping locations

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Hong Kong, China

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