

## STRADA-2X2MXS-DWC2

Universal road lighting beam with excellent mixed illuminance and luminance uniformity. Typically IESNA Type II Medium.

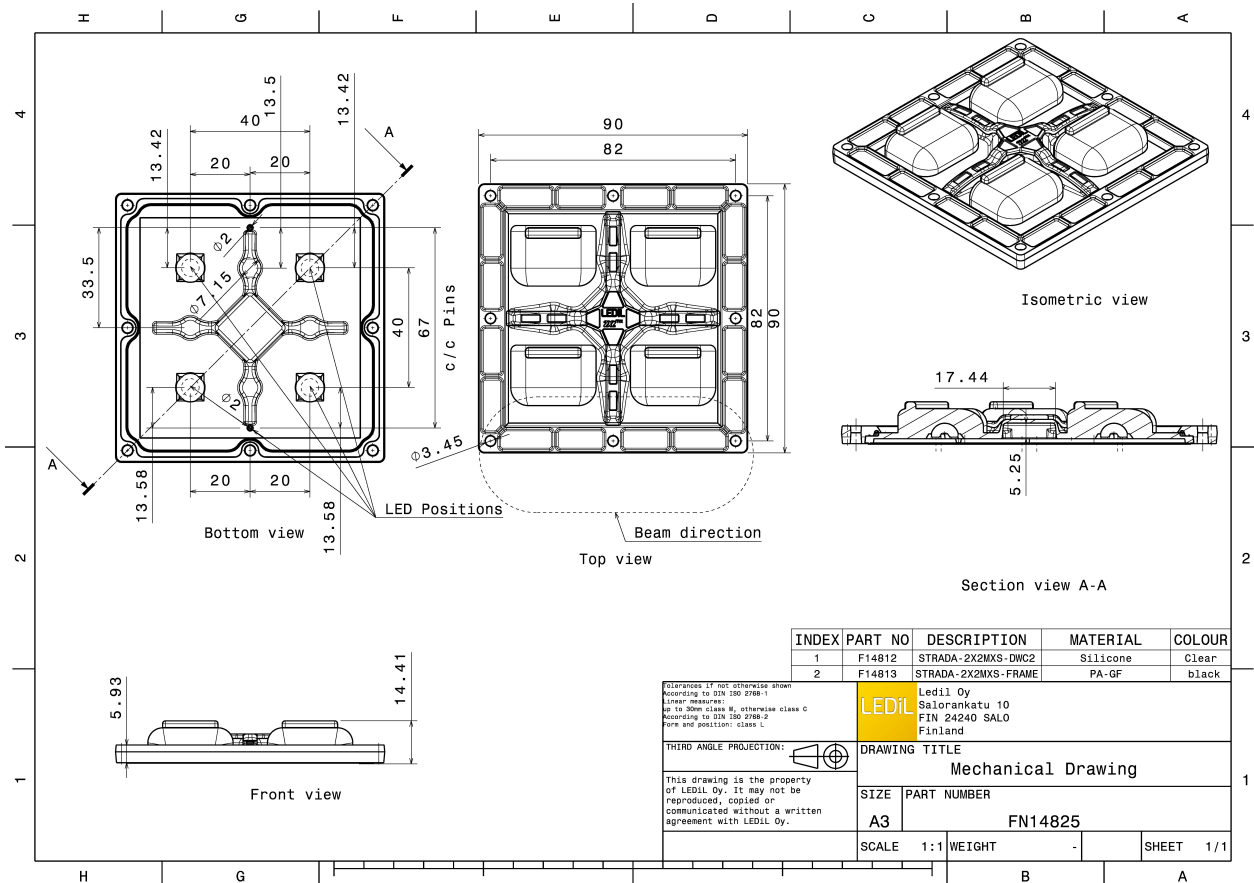
### TECHNICAL SPECIFICATIONS:

Dimensions	90.0 mm
Height	14.4 mm
Fastening	screw
Colour	black
Box size	398 x 298 x 265 mm
Box weight	11.3 kg
Quantity in Box	216 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

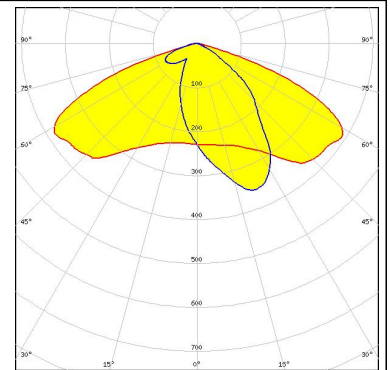
Component	Type	Material	Colour
STRADA-2X2MXS-DWC2	Multi-lens	Silicone	clear
STRADA-2X2MXS-FRAME	Holder	PA66	black



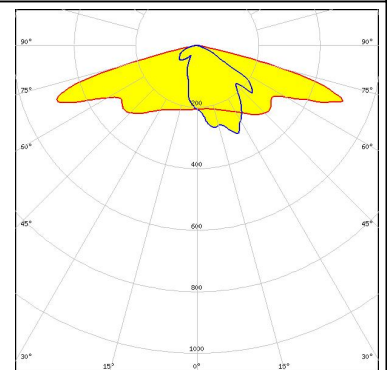
#### PHOTOMETRIC DATA (MEASURED):



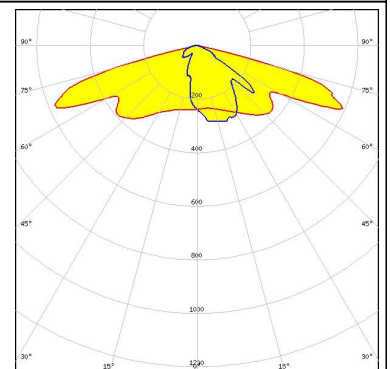
LED CXA/B 15xx  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 0.520 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Bender Wirth: 441 Typ 2x2MX HV



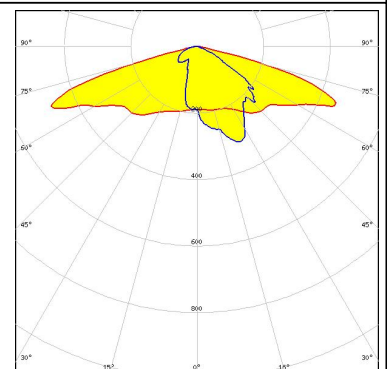
LED XHP35 HD  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.660 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XHP35 HI  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.640 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



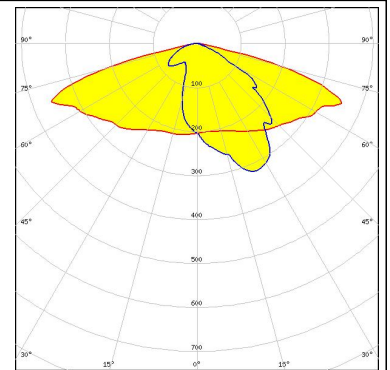
LED XHP50  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.600 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



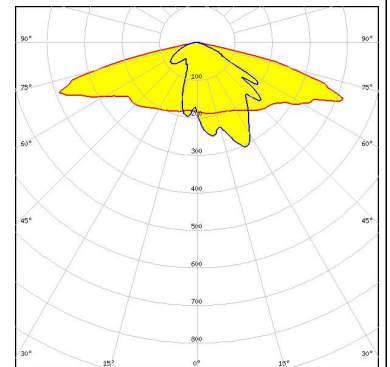
#### PHOTOMETRIC DATA (MEASURED):



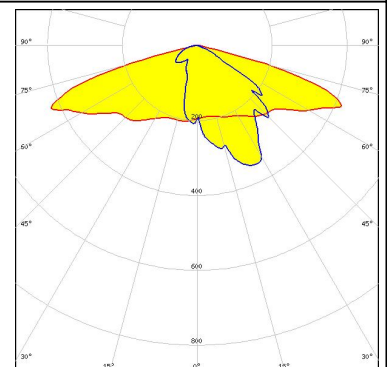
LED XHP70  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.520 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



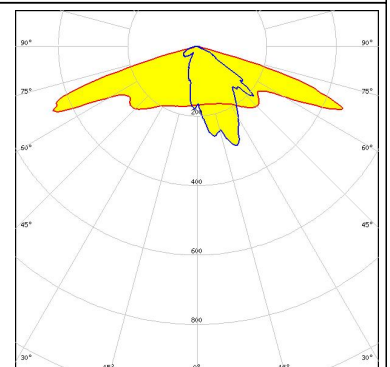
LED H70E0  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.570 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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



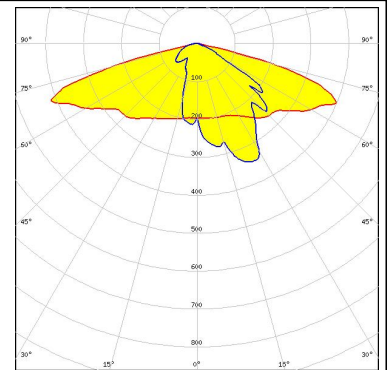
LED LUXEON MZ  
FWHM Asymmetric  
Efficiency 75 %  
Peak intensity 0.610 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



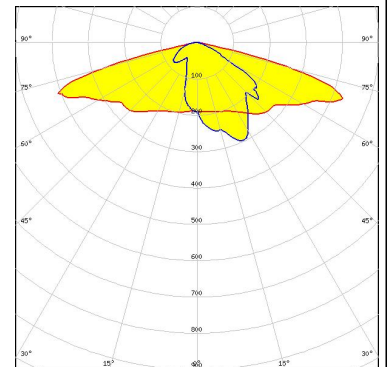
#### PHOTOMETRIC DATA (MEASURED):



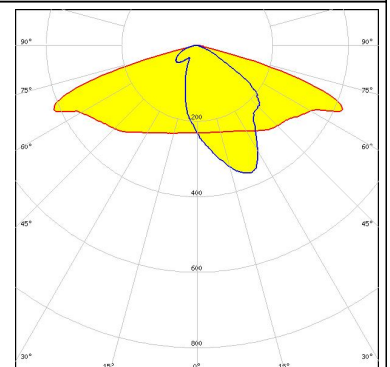
LED LUXEON XR-M square 2x2  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.590 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



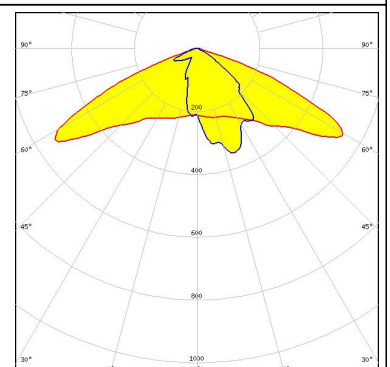
LED NV4x144A  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.580 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED Duris S10  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.600 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



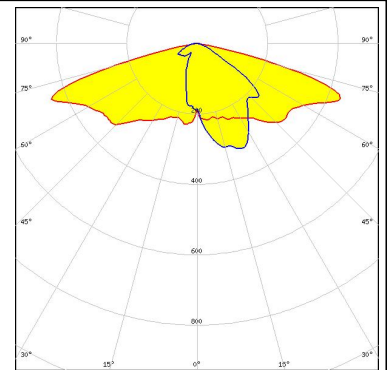
LED HiLOM SC16 (LH181B)  
FWHM Asymmetric  
Efficiency 90 %  
Peak intensity 0.750 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

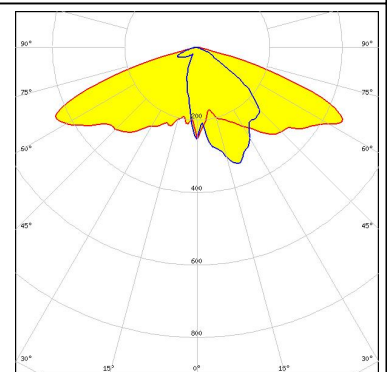


LED Bridgelux SMD 5050  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.530 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

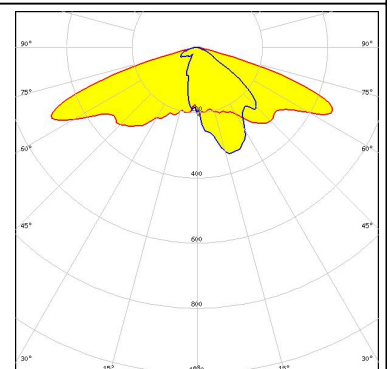


#### CITIZEN

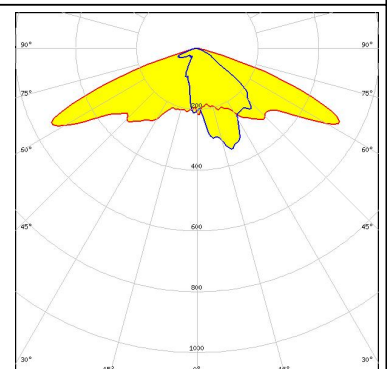
LED CLU700/701  
 FWHM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.590 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 434 Typ 2x2MX HV



LED MHB-A/B  
 FWHM Asymmetric  
 Efficiency 92 %  
 Peak intensity 0.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



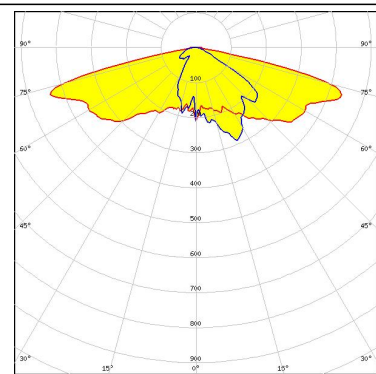
LED LUXEON M/MX  
 FWHM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.710 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (SIMULATED):



LED	NFMW48xA
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.630 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.

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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Hong Kong, China

#### Distribution Partners

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