

## STRADA-2X2MXS-DWC2

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

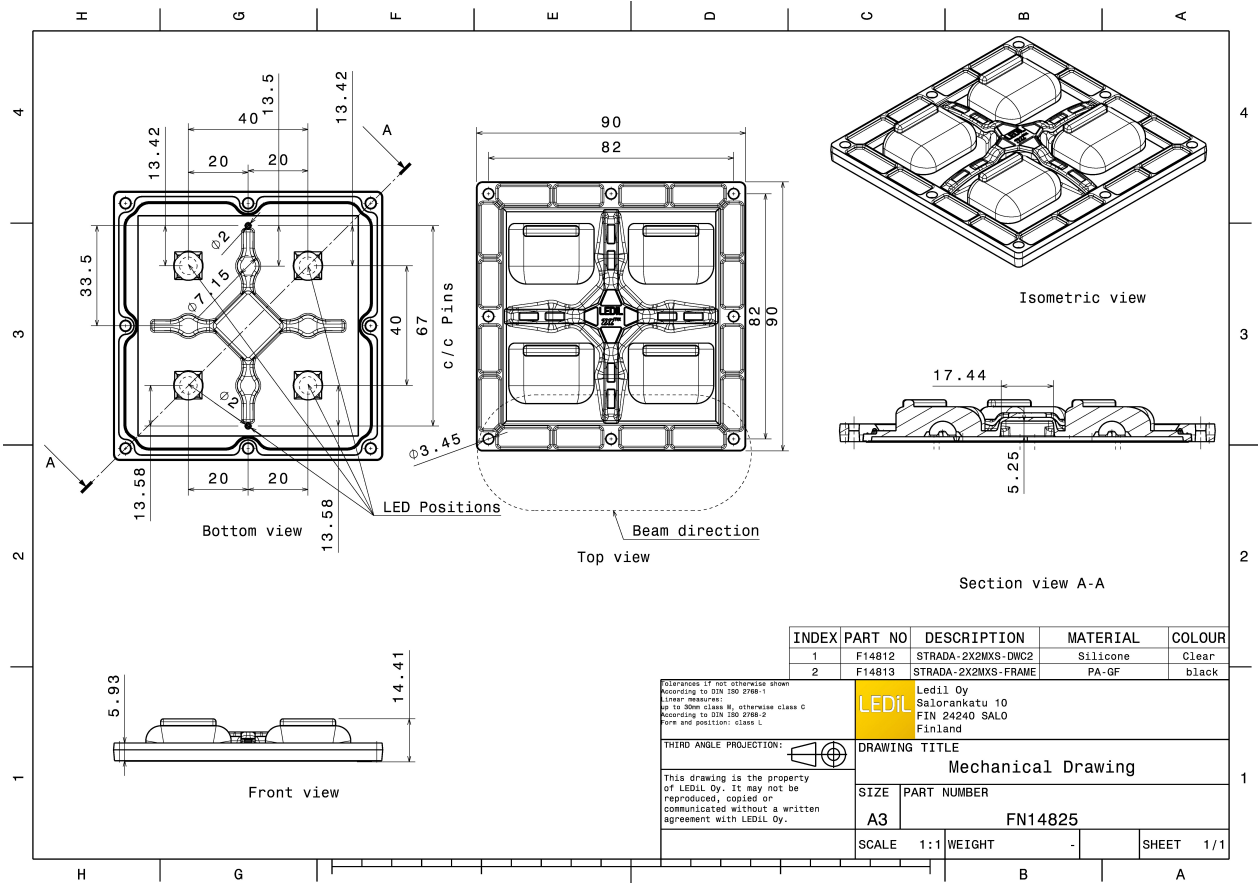
### TECHNICAL SPECIFICATIONS:

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:

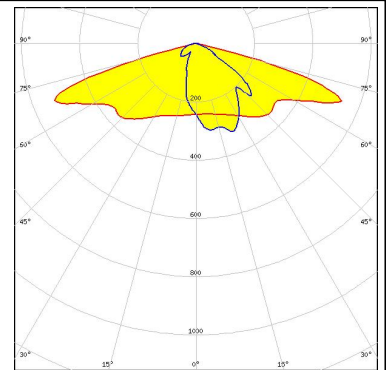
Component	Type	Material	Colour
STRADA-2X2MXS-DWC2	Lens	Silicone	clear
STRADA-2X2MXS-FRAME	Holder	PA66	black



#### PHOTOMETRIC DATA (MEASURED):

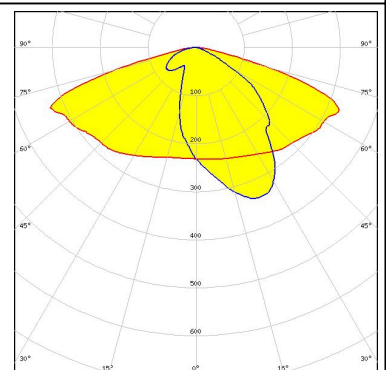
#### CITIZEN

LED PSL440  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.630 cd/lm  
 Required components:



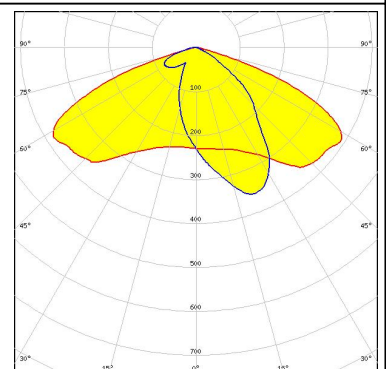
#### CITIZEN

LED PSL445  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.500 cd/lm  
 Required components:



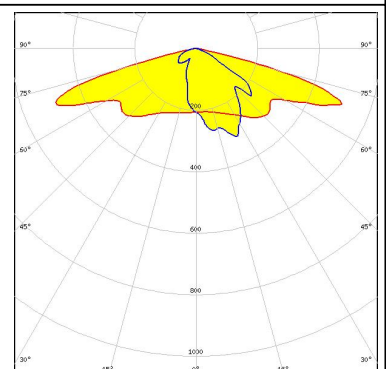
#### CREE

LED CXA/B 15xx  
 FWHM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.520 cd/lm  
 Required components:  
 Bender Wirth: 441 Typ 2x2MX HV



#### CREE

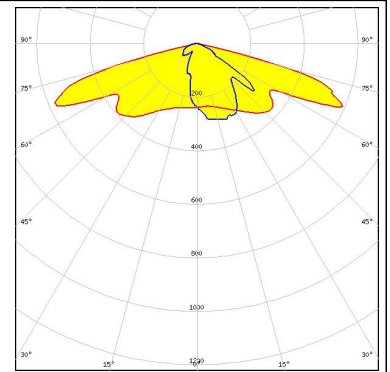
LED XHP35 HD  
 FWHM Asymmetric  
 Efficiency 92 %  
 Peak intensity 0.660 cd/lm  
 Required components:



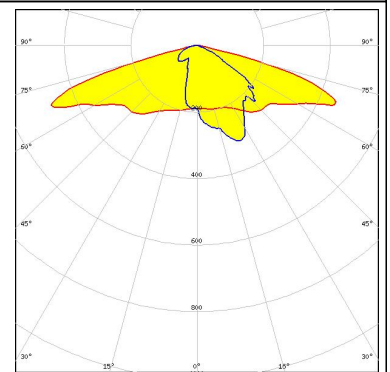
#### PHOTOMETRIC DATA (MEASURED):



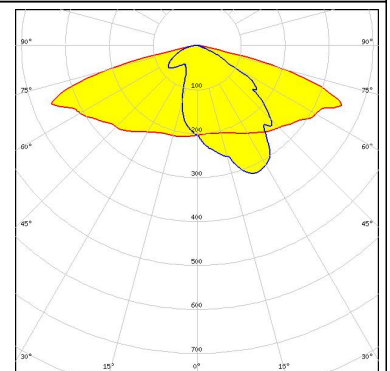
LED XHP35 HI  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.640 cd/lm  
Required components:



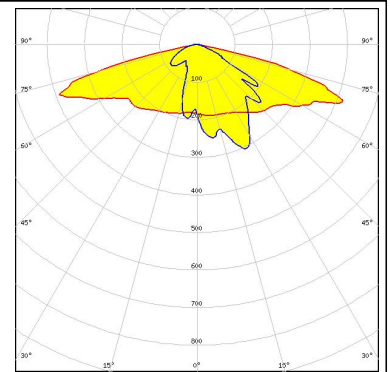
LED XHP50  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.600 cd/lm  
Required components:



LED XHP70  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.520 cd/lm  
Required components:



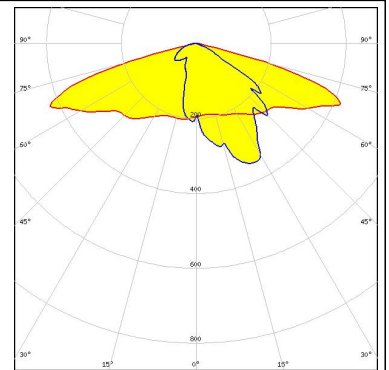
LED H70E0  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.570 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

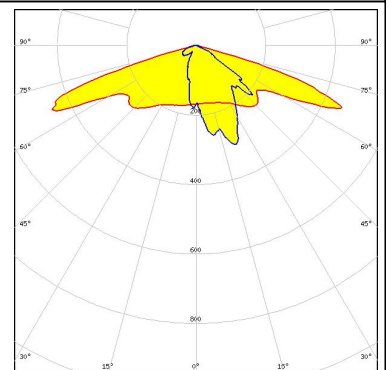
##### LUMILEDS

LED LUXEON M/MX  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.640 cd/lm  
 Required components:



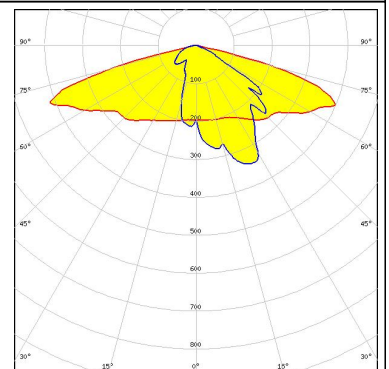
##### LUMILEDS

LED LUXEON MZ  
 FWHM Asymmetric  
 Efficiency 75 %  
 Peak intensity 0.610 cd/lm  
 Required components:



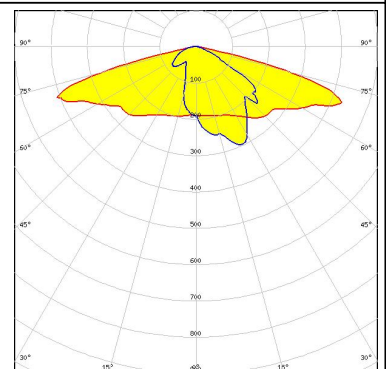
##### LUMILEDS

LED LUXEON XR-M square 2x2  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.590 cd/lm  
 Required components:



##### NICHIA

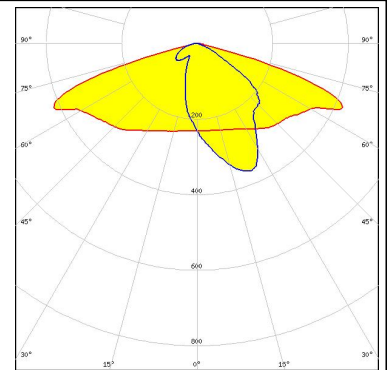
LED NV4x144A  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.580 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

#### OSRAM Opto Semiconductors

LED Duris S10  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.600 cd/lm  
Required components:



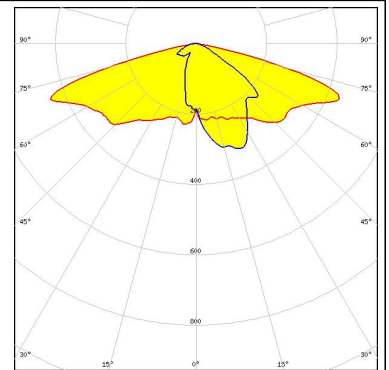
#### SAMSUNG

LED HiLOM SC16 (LH181B)  
FWHM Asymmetric  
Efficiency 90 %  
Peak intensity 0.750 cd/lm  
Required components:

#### PHOTOMETRIC DATA (SIMULATED):

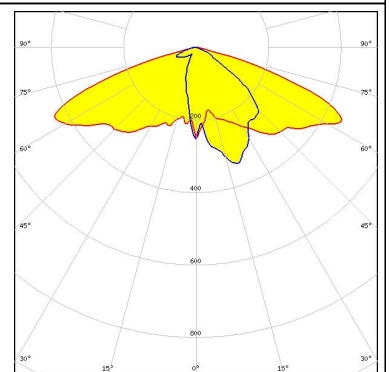


LED SMD 5050  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.530 cd/lm  
 Required components:

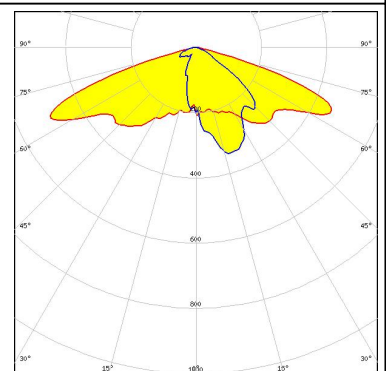


#### CITIZEN

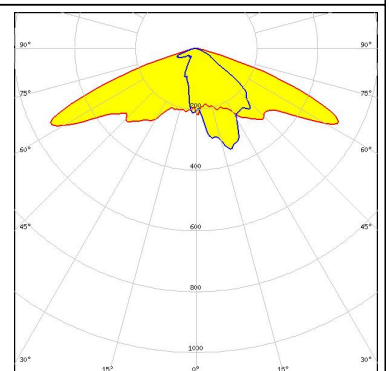
LED CLU700/701  
 FWHM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.590 cd/lm  
 Required components:  
 Bender Wirth: 434 Typ 2x2MX HV



LED MHB-A/B  
 FWHM Asymmetric  
 Efficiency 92 %  
 Peak intensity 0.600 cd/lm  
 Required components:



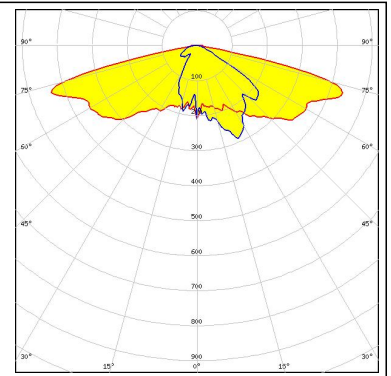
LED LUXEON M/MX  
 FWHM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.710 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (SIMULATED):



LED NFMW48xA  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.630 cd/lm  
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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Local sales and technical support

[www.ledil.com/where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
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