

## STRADA-2X2MX-8-VSM

IESNA Type V (square) for wide areas lighting such as car parks. New revision.

### SPECIFICATION:

Dimensions	90.0 x 90.0 mm
Height	13.1 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes ⓘ

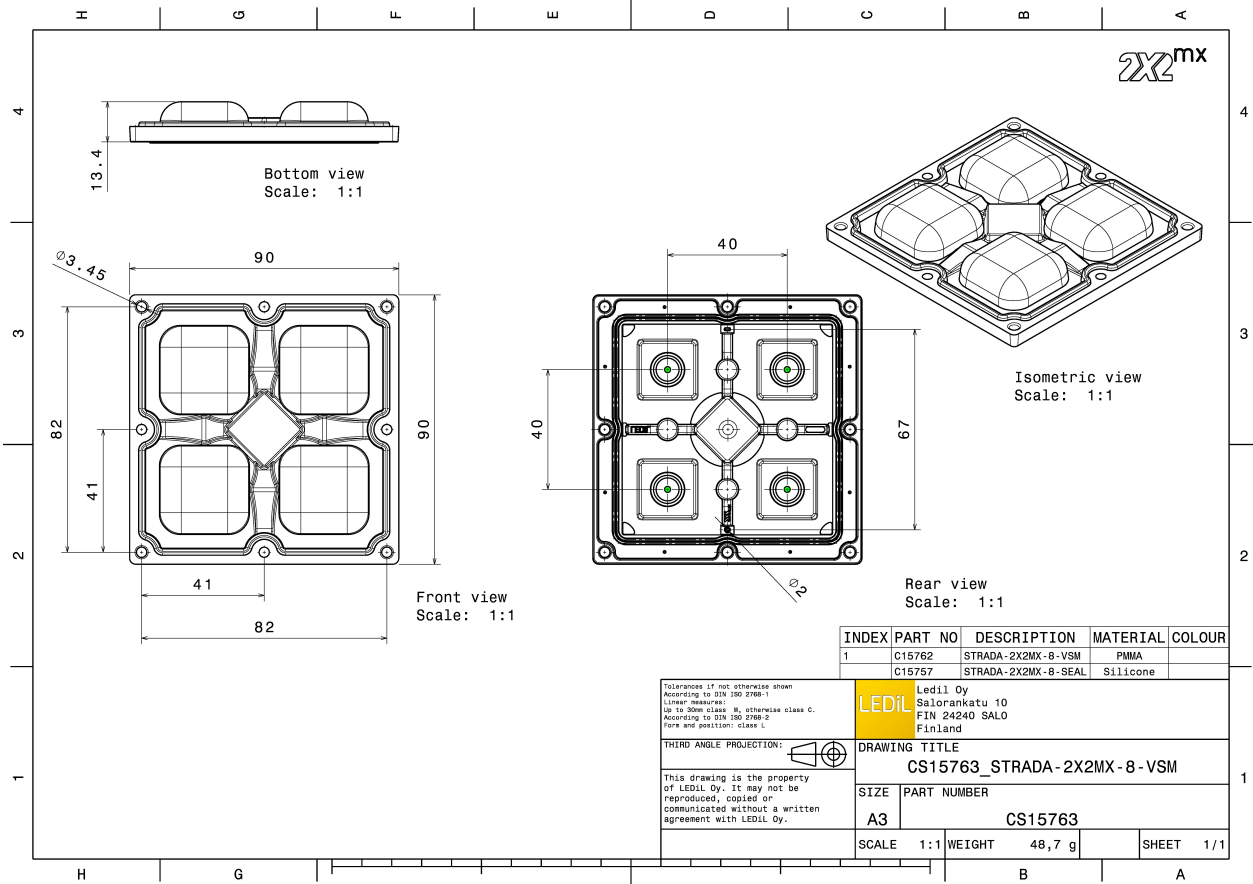


### MATERIALS:

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

### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CS15763_STRADA-2X2MX-8-VSM » Box size: 480 x 280 x 300 mm	Multi-lens	156	52	52	8.6

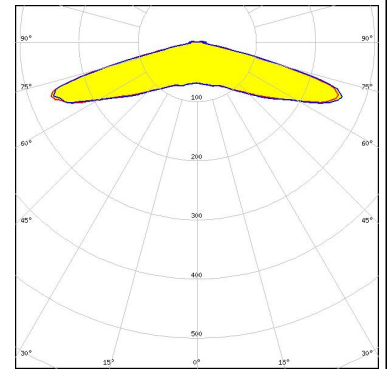


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

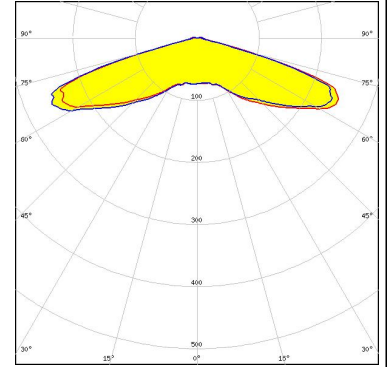
#### OPTICAL RESULTS (MEASURED):



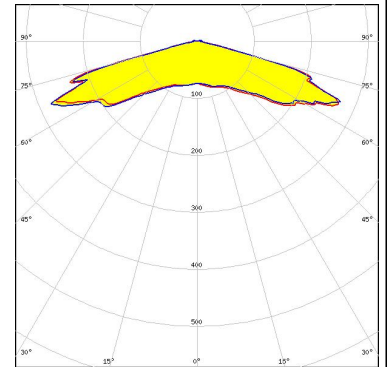
LED XHP50.2  
 FWHM / FWTM 151.0° / 159.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



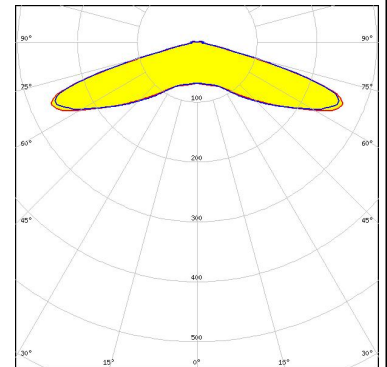
LED XT-E HE  
 FWHM / FWTM 148.0° / 156.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON M/MX  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



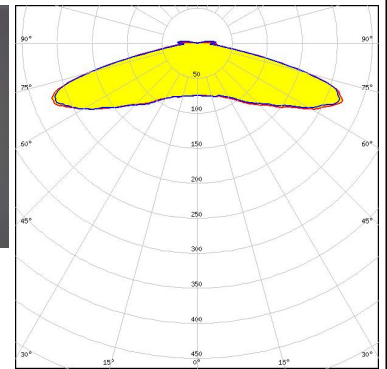
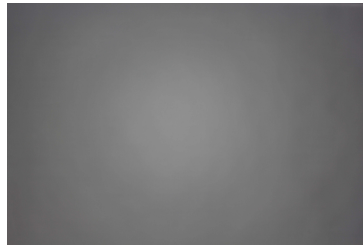
LED LUXEON XR-7070 (L224-xxxx004MLU010)  
 FWHM / FWTM 147.0° / 156.0°  
 Efficiency 97 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



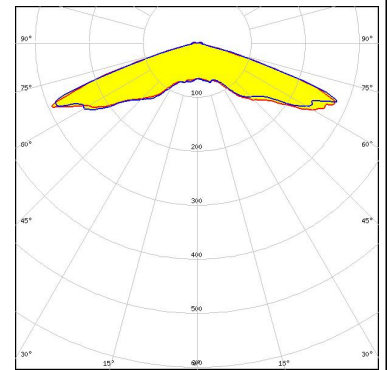
#### OPTICAL RESULTS (MEASURED):



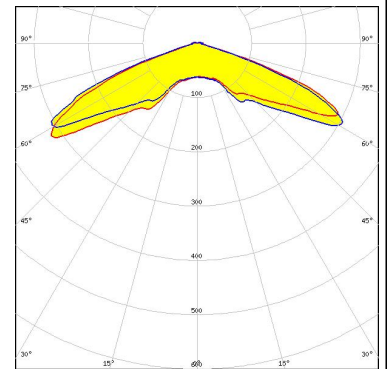
LED NV9W149AM  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



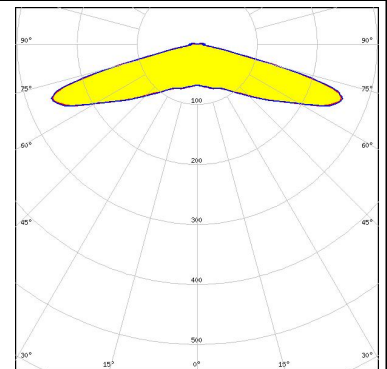
LED PrevaLED Brick HP 2x2MX  
 FWHM / FWTM 145.0° / 153.0°  
 Efficiency 96 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:



LED HiLOM SC16 (LH181B)  
 FWHM / FWTM 140.0° / 147.0°  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



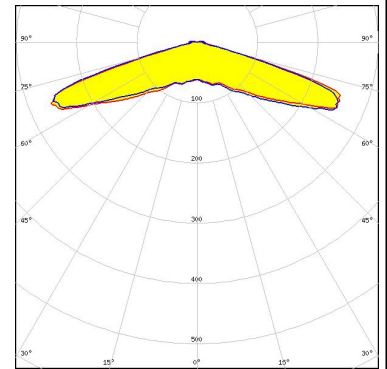
LED PAL-LK-4950-740-48  
 FWHM / FWTM 150.5 + 151.0° / 159.5 + 159.0°  
 Efficiency 97 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

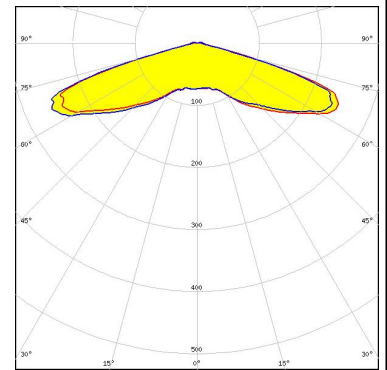
##### SCIO LUX

LED XLE-S22C4XD16 (XD16)  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:



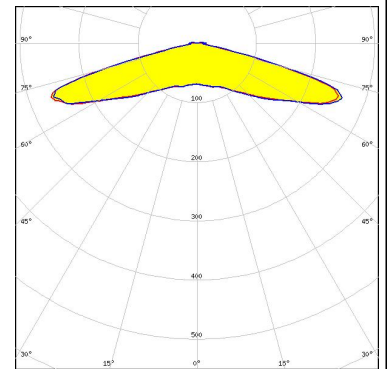
##### SCIO LUX

LED XLE-S22C4XTEHE (XT-E HE)  
 FWHM / FWTM 148.0° / 156.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



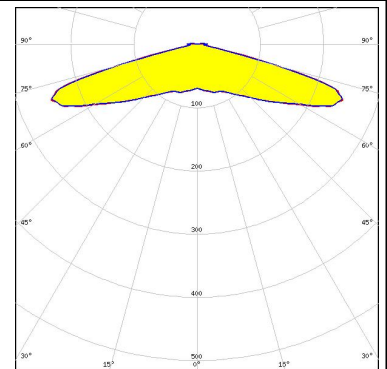
##### SCIO LUX

LED XLE-S22XHP50B (XHP50.2)  
 FWHM / FWTM 151.0° / 159.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

LED WICOP 5050  
 FWHM / FWTM 150.0° / 159.0°  
 Efficiency 96 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



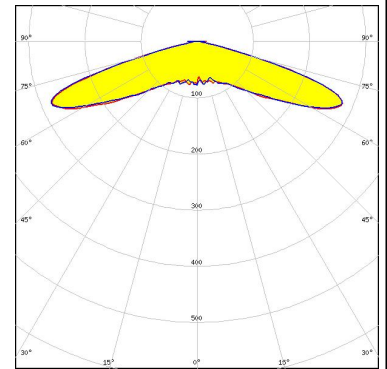
#### OPTICAL RESULTS (MEASURED):



#### OPTICAL RESULTS (SIMULATED):

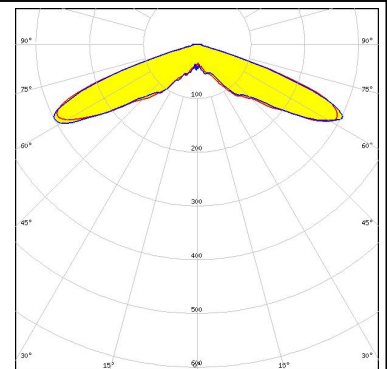


LED Bridgelux SMD 5050  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

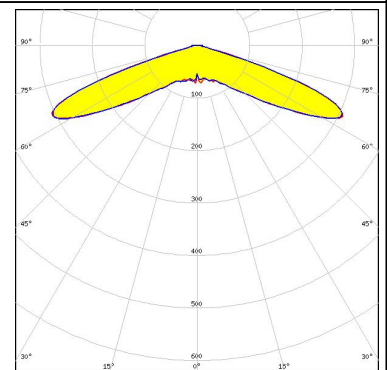


#### CITIZEN

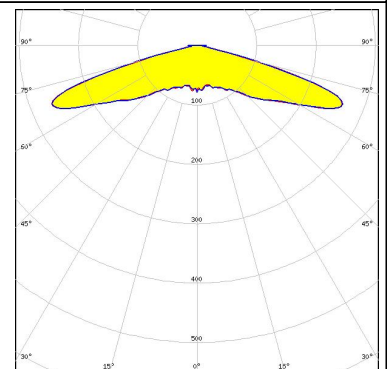
LED CLU700/701/702/703  
 FWHM / FWTM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 434 Typ 2x2MX HV



LED CMA1303  
 FWHM / FWTM 142.0° / 152.0°  
 Efficiency 95 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 488 Typ L4 HV



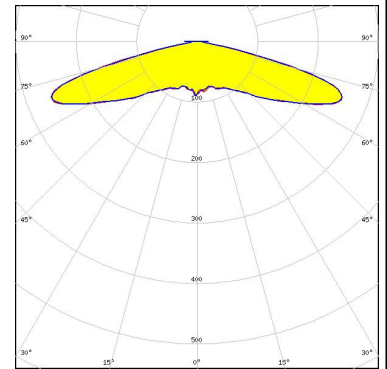
LED J Series 5050B 30V K Class  
 FWHM / FWTM 148.0° / 158.0°  
 Efficiency 89 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



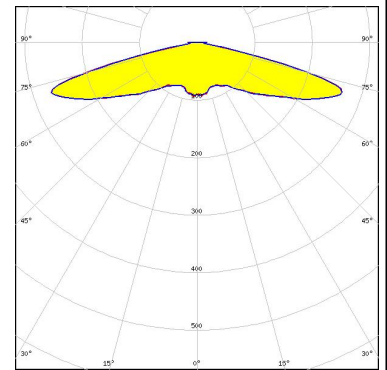
#### OPTICAL RESULTS (SIMULATED):



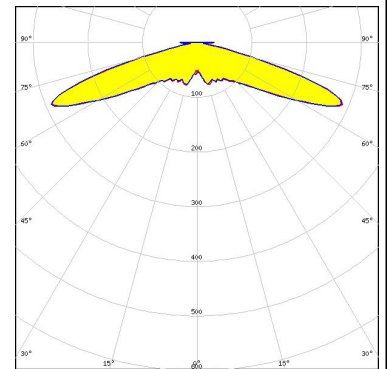
LED MHB-A/B  
 FWHM / FWTM 152.0° / 160.0°  
 Efficiency 95 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



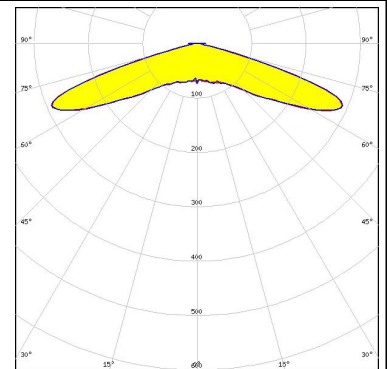
LED XHP70.3 HD  
 FWHM / FWTM 152.0° / 160.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XT-E  
 FWHM / FWTM 148.0° / 180.0°  
 Efficiency 93 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON 5050 Round LES  
 FWHM / FWTM 146.0° / 154.0°  
 Efficiency 95 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

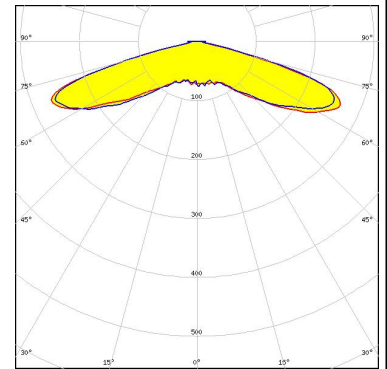




#### OPTICAL RESULTS (SIMULATED):

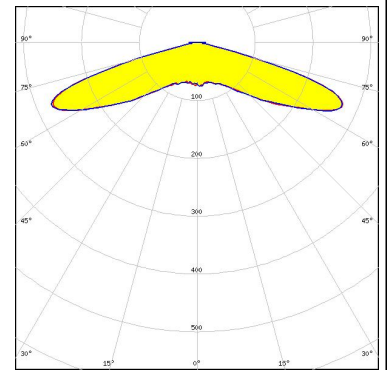
##### LUMILEDS

LED LUXEON 7070  
 FWHM / FWTM 150.0° / 158.0°  
 Efficiency 95 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



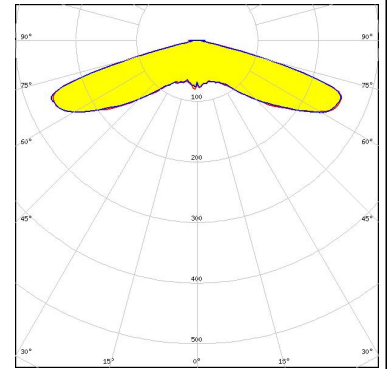
##### LUMINUS

LED MP 7070  
 FWHM / FWTM 148.0° / 156.0°  
 Efficiency 95 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



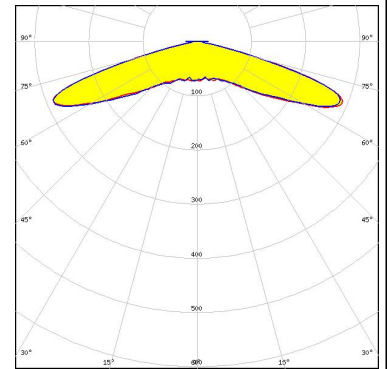
##### NICHIA

LED NF2x757G  
 FWHM / FWTM 148.0° / 156.0°  
 Efficiency 95 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:



##### NICHIA

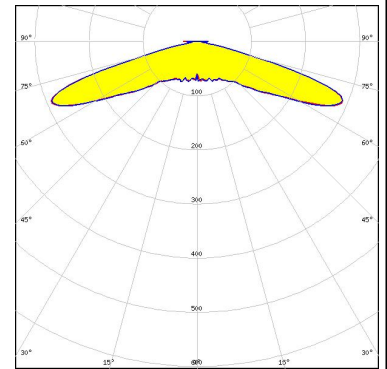
LED NFMW48xA  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 45 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



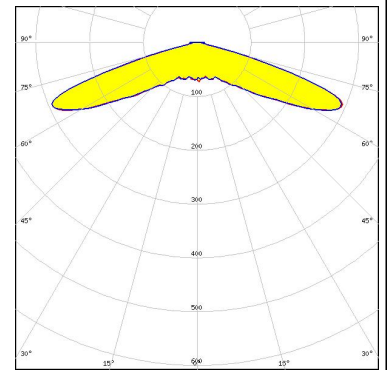
#### OPTICAL RESULTS (SIMULATED):



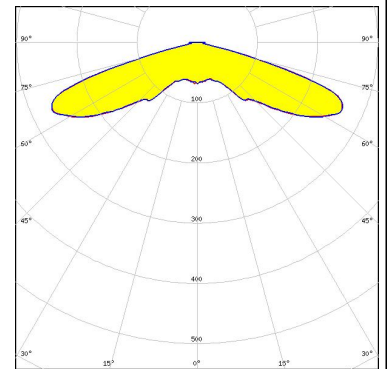
**LED** NV4WB35AM  
**FWHM / FWTM** 148.0° / 162.0°  
**Efficiency** 95 %  
**Peak intensity** 0.5 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



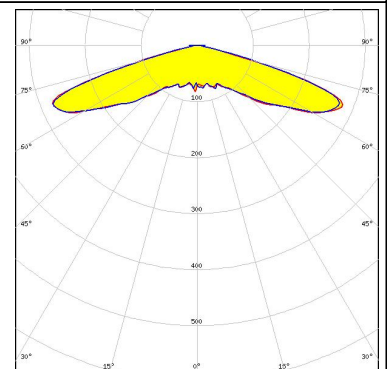
**LED** NVSxE21A  
**FWHM / FWTM** 146.0° / 154.0°  
**Efficiency** 95 %  
**Peak intensity** 0.5 cd/lm  
**LEDs/each optic** 4  
**Light colour** White  
**Required components:**



**LED** NVSxE21A  
**FWHM / FWTM** 148.0° / 156.0°  
**Efficiency** 95 %  
**Peak intensity** 0.4 cd/lm  
**LEDs/each optic** 9  
**Light colour** White  
**Required components:**



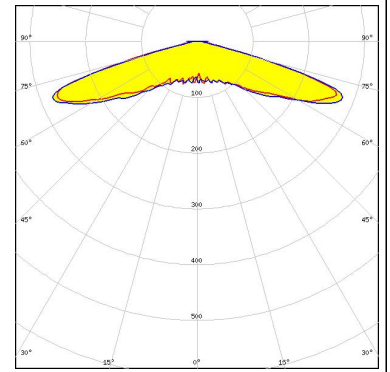
**LED** OSCONIQ C 2424  
**FWHM / FWTM** 148.0° / 156.0°  
**Efficiency** 95 %  
**Peak intensity** 0.4 cd/lm  
**LEDs/each optic** 4  
**Light colour** White  
**Required components:**



#### OPTICAL RESULTS (SIMULATED):

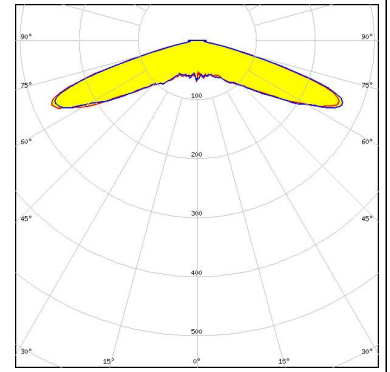
**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 7070  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**SEOL**  
SEOUL SEMICONDUCTOR

LED Z8Y19  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 4  
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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#### Local sales and technical support

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