

## SEANNA-A

~2.3° spot beam. Assembly with holder.

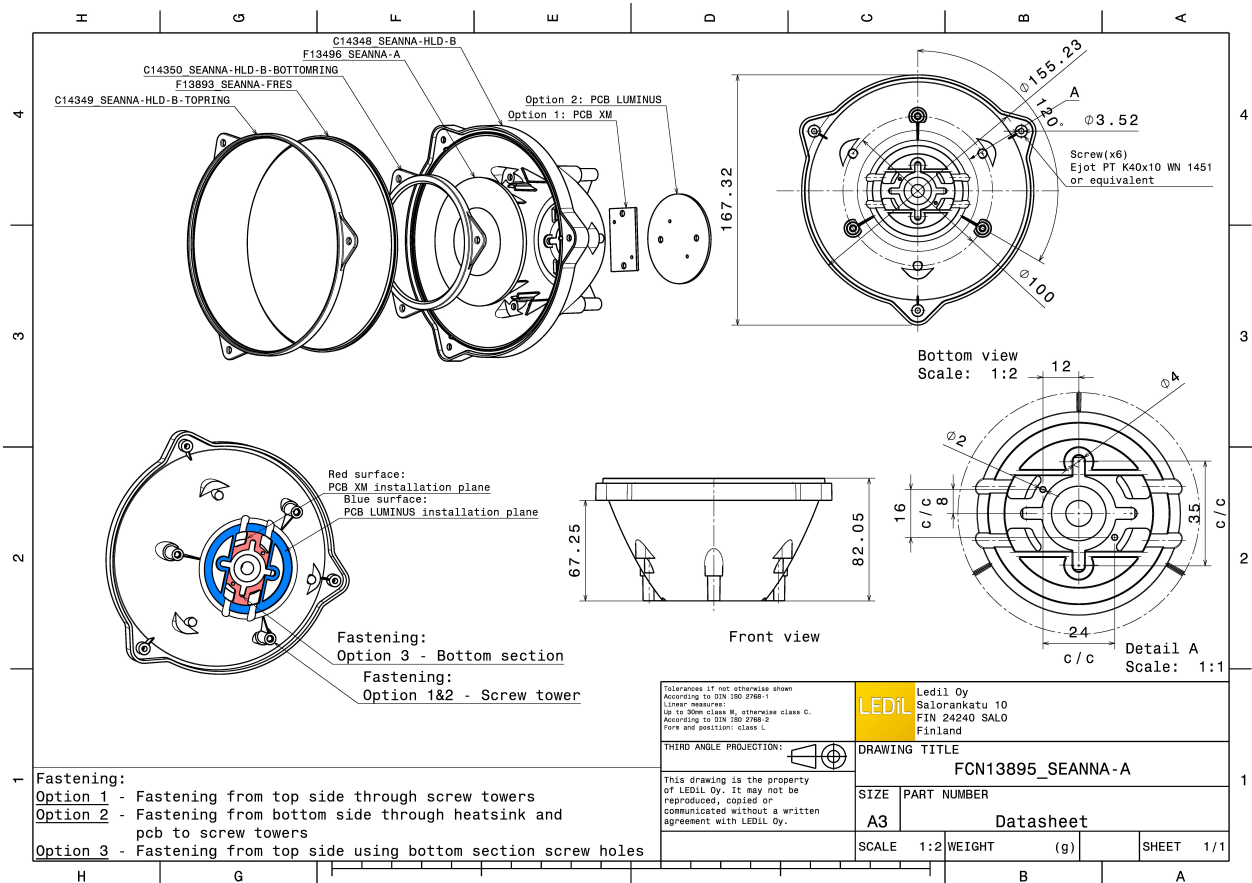
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 155.2 mm
Height	82 mm
Fastening	pin, screw
Colour	black
Box size	
Box weight	6.5 kg
Quantity in Box	pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

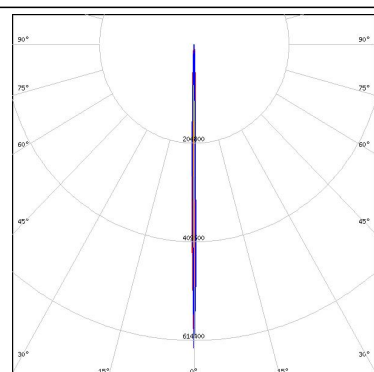
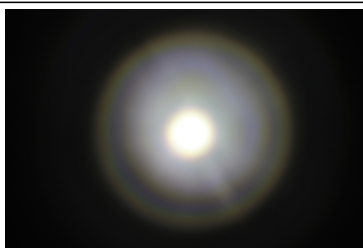
Component	Type	Material	Colour
SEANNA-A	Single lens	PMMA	clear
SEANNA-FRES	Single lens	PMMA	
SEANNA-HLD-B	Holder	PA66GF30	
SEANNA-HLD-B-TOPRING	Holder	PA66GF30	
SEANNA-HLD-B-BOTTOMRING	Holder	PA66GF30	
SEANNA-SCREW	Accessory	Stainless steel	



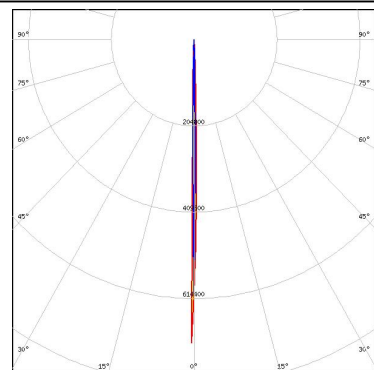
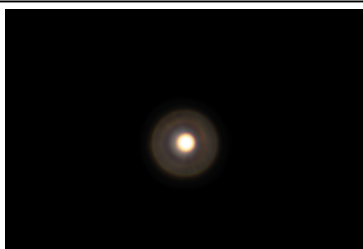
#### PHOTOMETRIC DATA (MEASURED):



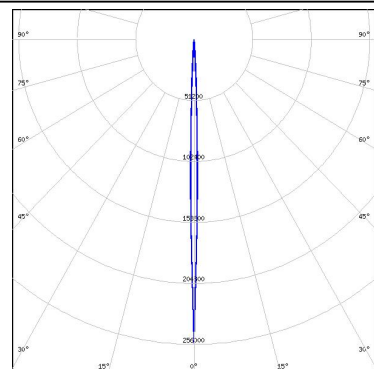
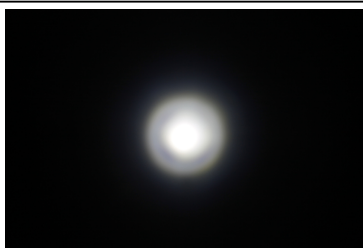
LED XD16  
FWHM 1.0°  
Efficiency 91 %  
Peak intensity 629.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



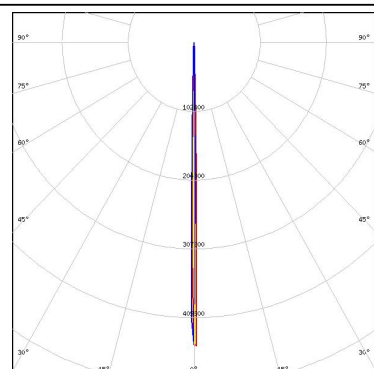
LED XP-E2  
FWHM 1.0°  
Efficiency %  
Peak intensity 718.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-L HD  
FWHM 2.4°  
Efficiency 94 %  
Peak intensity 255.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



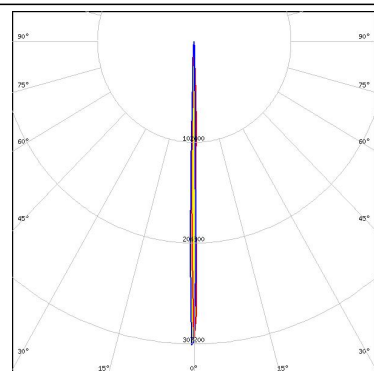
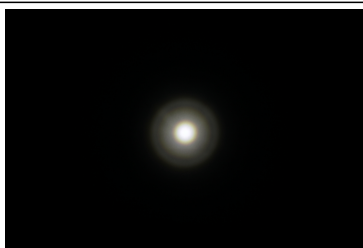
LED XP-L HI  
FWHM 1.6°  
Efficiency 94 %  
Peak intensity 492.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

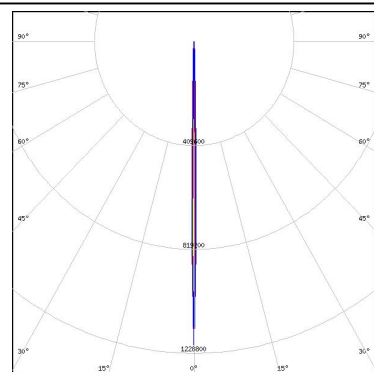


LED NVSW3x9A  
 FWHM 1.9°  
 Efficiency 92 %  
 Peak intensity 310.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



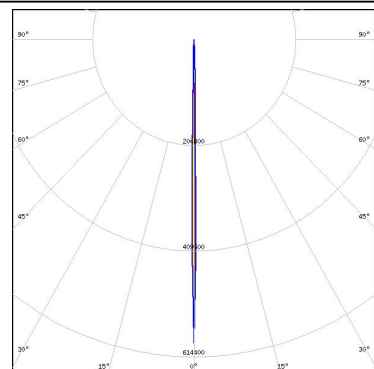
Opto Semiconductors

LED OSOLON Black Flat  
 FWHM 1.2°  
 Efficiency 94 %  
 Peak intensity 1196.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



Opto Semiconductors

LED OSOLON Square CSSRM2/CSSRM3  
 FWHM 1.5°  
 Efficiency 94 %  
 Peak intensity 587.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

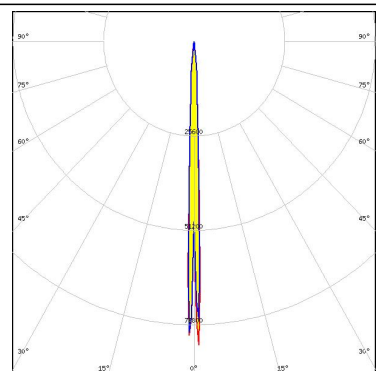




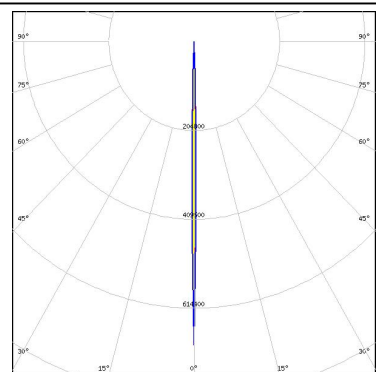
### PHOTOMETRIC DATA (SIMULATED):



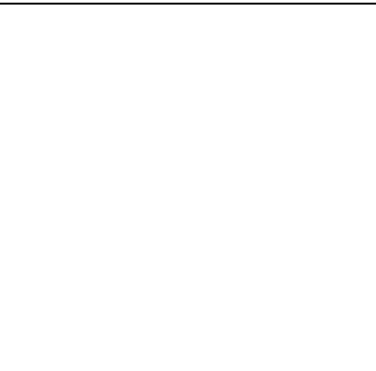
LED MK-R  
FWHM 4.0°  
Efficiency 91 %  
Peak intensity 82.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



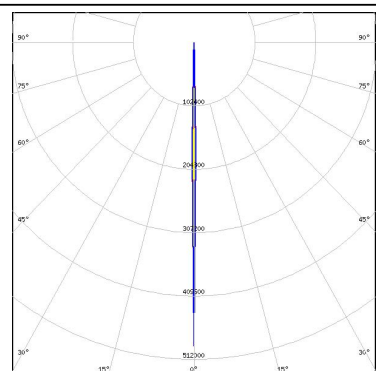
LED XB-D  
FWHM 1.3°  
Efficiency 87 %  
Peak intensity 698.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XHP35 HD  
FWHM 2.4°  
Efficiency 89 %  
Peak intensity 257.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



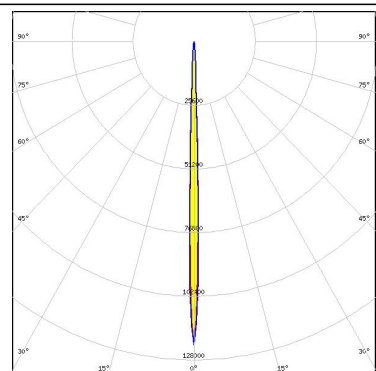
LED XHP35 HI  
FWHM 1.6°  
Efficiency 83 %  
Peak intensity 496.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



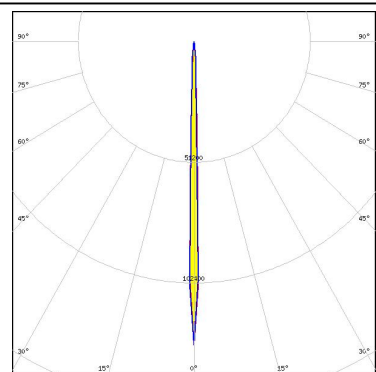
#### PHOTOMETRIC DATA (SIMULATED):



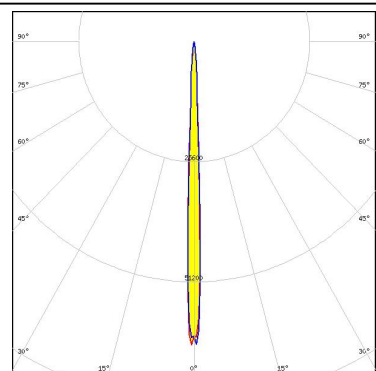
LED XHP50  
FWHM 3.3°  
Efficiency 87 %  
Peak intensity 122.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



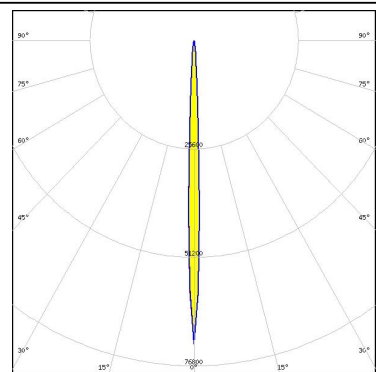
LED XHP50.2  
FWHM 2.7°  
Efficiency 84 %  
Peak intensity 128.680 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XHP70  
FWHM 4.3°  
Efficiency 81 %  
Peak intensity 69.900 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



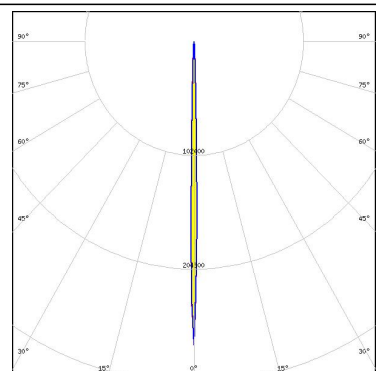
LED XHP70.2  
FWHM 4.5°  
Efficiency 83 %  
Peak intensity 71.640 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



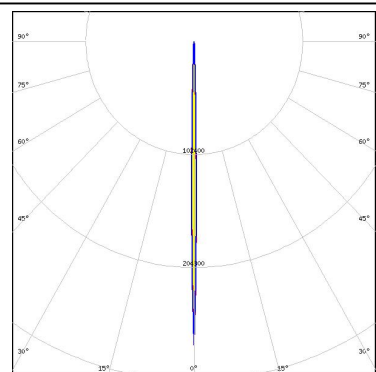
### PHOTOMETRIC DATA (SIMULATED):



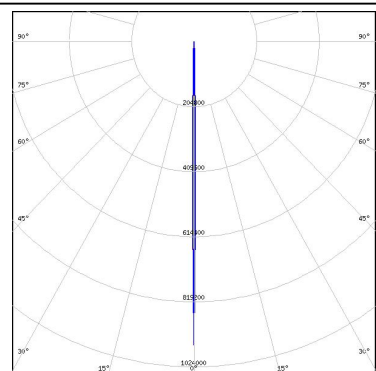
LED XM-L  
FWHM 2.4°  
Efficiency %  
Peak intensity 272.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



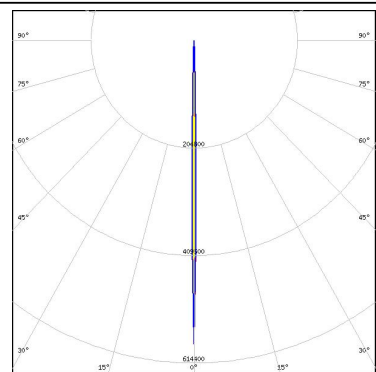
LED XM-L2  
FWHM 2.0°  
Efficiency 85 %  
Peak intensity 275.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-E  
FWHM 1.2°  
Efficiency 92 %  
Peak intensity 955.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



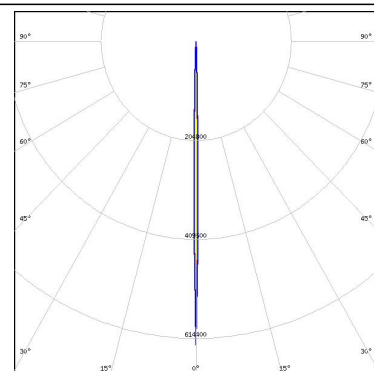
LED XP-G  
FWHM 1.4°  
Efficiency 90 %  
Peak intensity 578.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



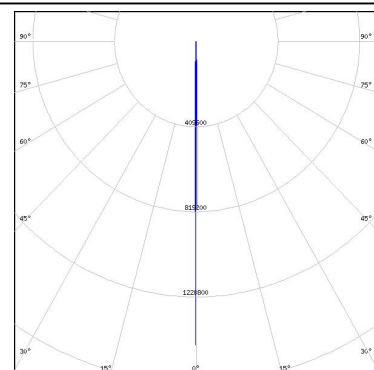
### PHOTOMETRIC DATA (SIMULATED):



LED XP-G2  
FWHM 1.4°  
Efficiency 91 %  
Peak intensity 628.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



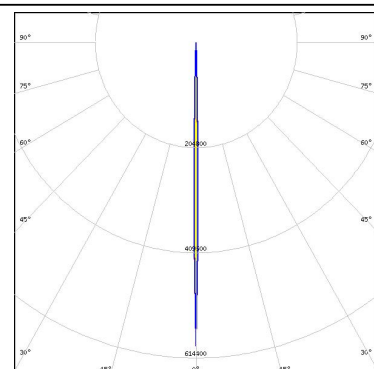
LED XQ-E HD  
FWHM 1.1°  
Efficiency 92 %  
Peak intensity 1460.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XQ-E HI  
FWHM 1.2°  
Efficiency 90 %  
Peak intensity 1300.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



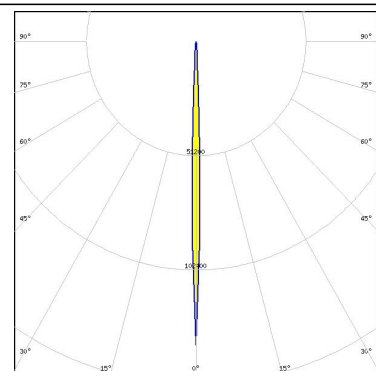
LED XT-E  
FWHM 1.4°  
Efficiency 88 %  
Peak intensity 519.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (SIMULATED):

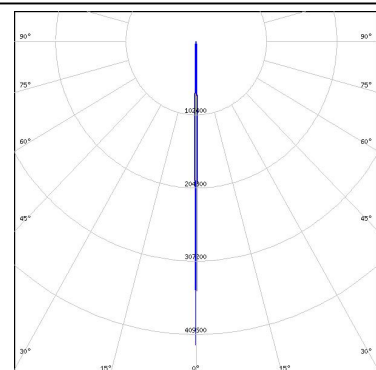
#### LED ENGIN

LED LZ4 (00xW00)  
FWHM 3.3°  
Efficiency 91 %  
Peak intensity 136.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



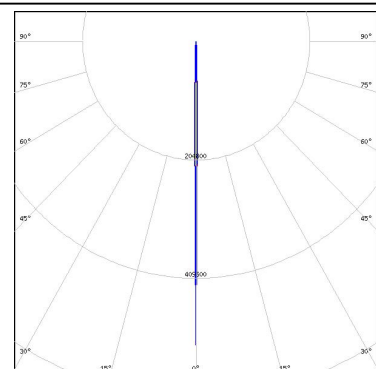
#### LUMILEDS

LED LUXEON CZ  
FWHM 1.4°  
Efficiency 94 %  
Peak intensity 424.000 cd/lm  
LEDs/each optic 1  
Light colour Green  
Required components:



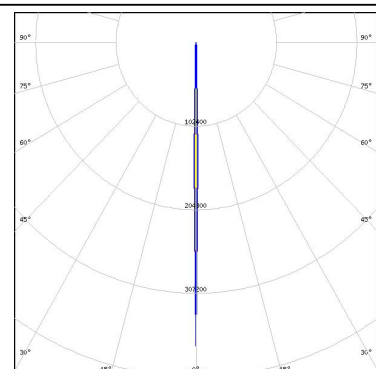
#### LUMILEDS

LED LUXEON CZ  
FWHM 1.3°  
Efficiency 94 %  
Peak intensity 564.000 cd/lm  
LEDs/each optic 1  
Light colour PC Amber  
Required components:



#### LUMILEDS

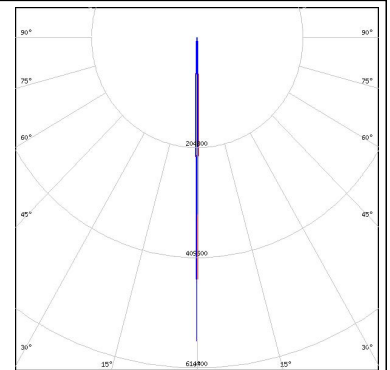
LED LUXEON CZ  
FWHM 1.6°  
Efficiency 93 %  
Peak intensity 371.000 cd/lm  
LEDs/each optic 1  
Light colour Blue  
Required components:



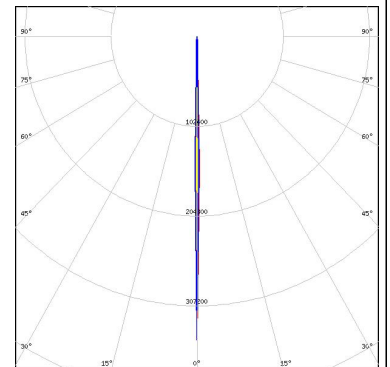
### PHOTOMETRIC DATA (SIMULATED):



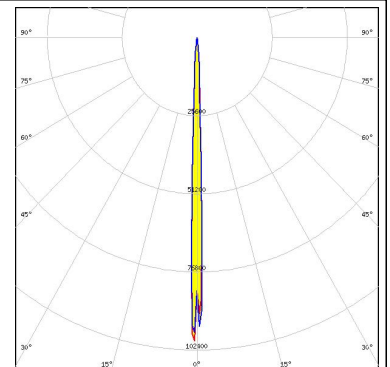
LED LUXEON CZ  
FWHM 1.2°  
Efficiency 94 %  
Peak intensity 564.000 cd/lm  
LEDs/each optic 1  
Light colour Red  
Required components:



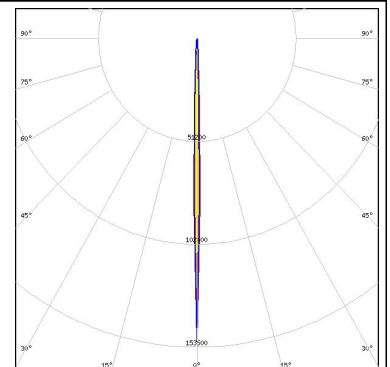
LED LUXEON CZ  
FWHM 1.7°  
Efficiency 93 %  
Peak intensity 346.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON M/MX  
FWHM 3.6°  
Efficiency 89 %  
Peak intensity 99.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



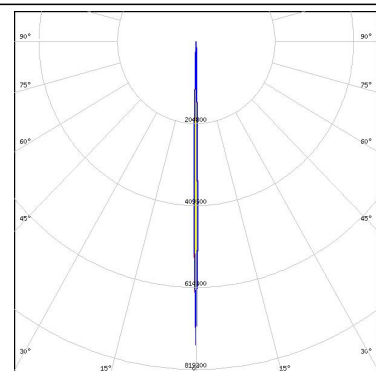
LED LUXEON MZ  
FWHM 2.2°  
Efficiency 84 %  
Peak intensity 151.040 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



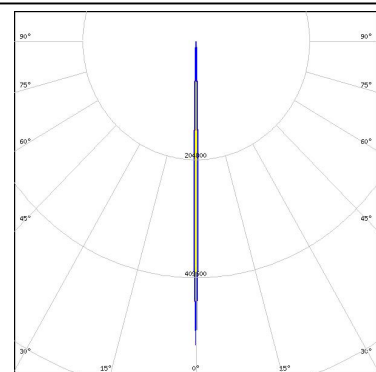
#### PHOTOMETRIC DATA (SIMULATED):



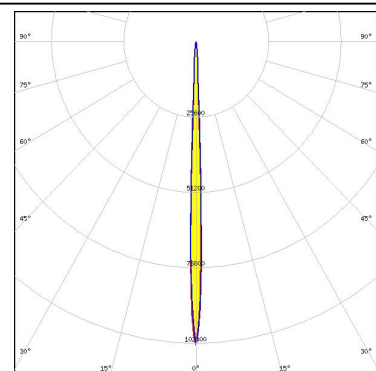
LED LUXEON Rebel  
FWHM 1.3°  
Efficiency 90 %  
Peak intensity 704.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



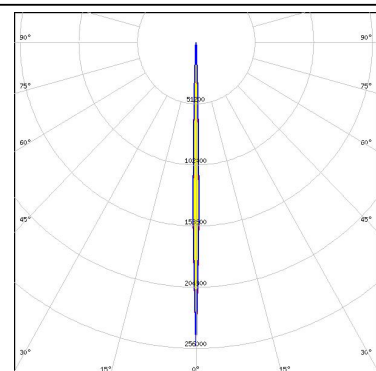
LED LUXEON Rebel ES  
FWHM 1.6°  
Efficiency 90 %  
Peak intensity 530.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON S1000  
FWHM 3.8°  
Efficiency 88 %  
Peak intensity 100.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED SBT-90  
FWHM 2.3°  
Efficiency 90 %  
Peak intensity 253.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

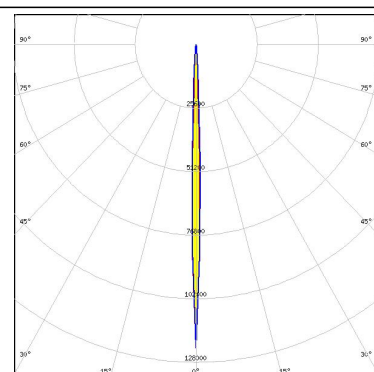




### PHOTOMETRIC DATA (SIMULATED):

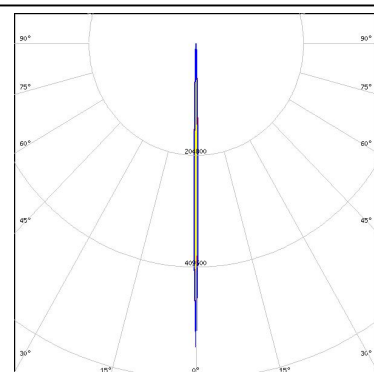
**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 7070  
FWHM 3.5°  
Efficiency 91 %  
Peak intensity 122.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**OSRAM**  
Opto Semiconductors

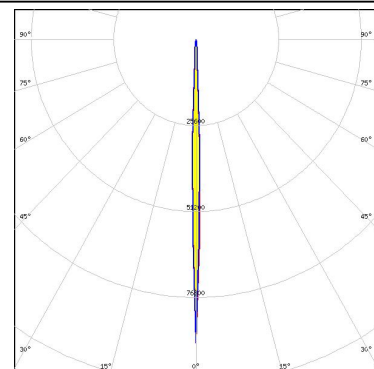
LED OSLON Square PC  
FWHM 1.5°  
Efficiency 89 %  
Peak intensity 550.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**SEOL**

SEOUL SEMICONDUCTOR

LED Z8Y50P  
FWHM 3.0°  
Efficiency 79 %  
Peak intensity 90.400 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.

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#### LEDiL Oy

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#### Local sales and technical support

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#### Shipping locations

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#### Distribution Partners

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