

SEANNA-A

~2.3° spot beam. Assembly with holder.

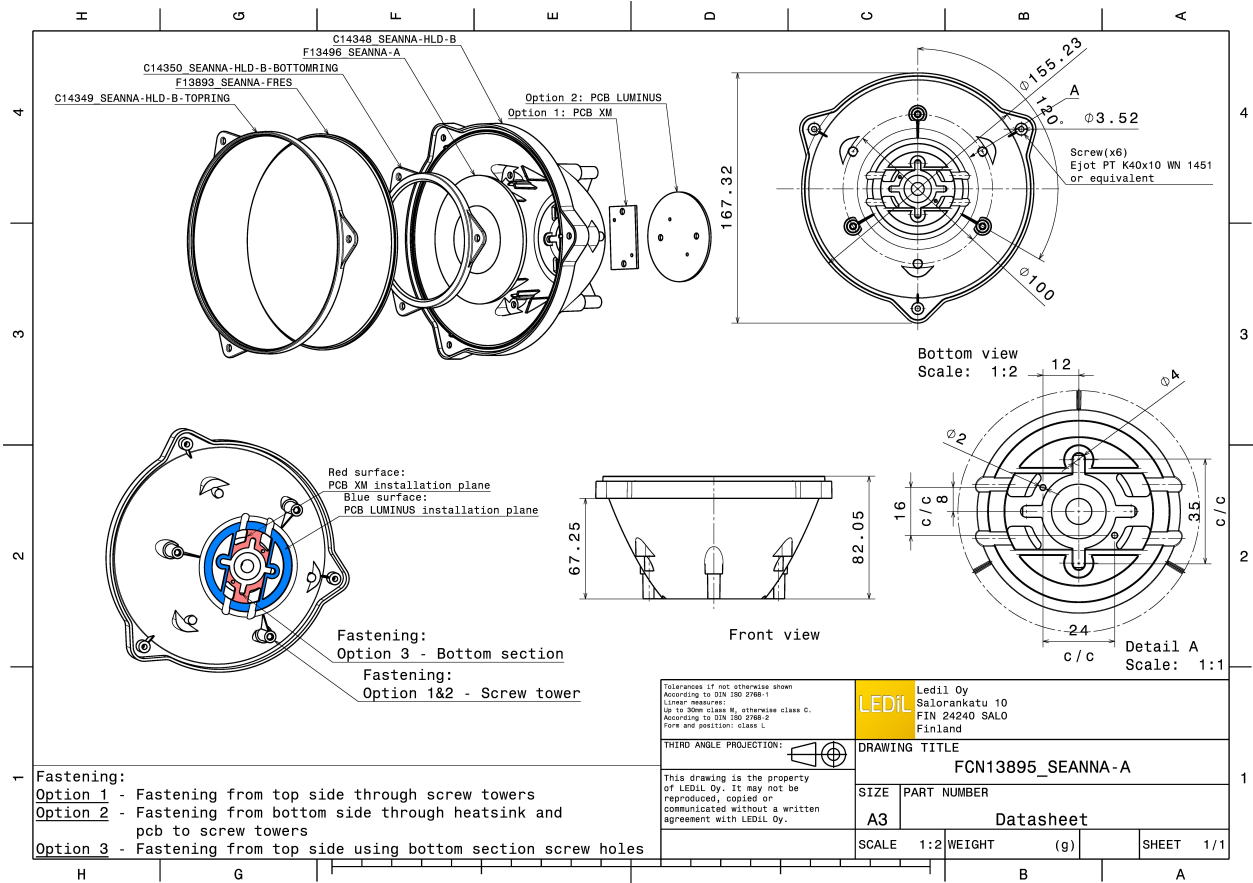
TECHNICAL SPECIFICATIONS:

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:

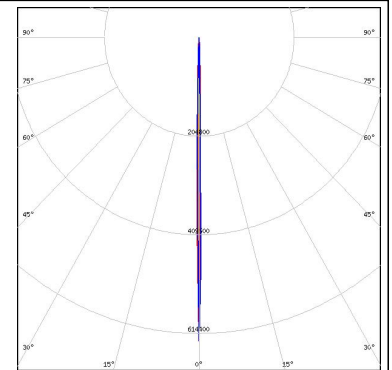
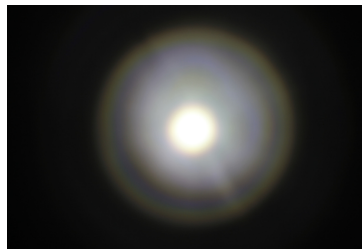
Component	Type	Material	Colour
SEANNA-A	Single lens	PMMA	clear
SEANNA-FRES	Single lens	PMMA	clear
SEANNA-HLD-B	Holder	PA66GF30	black
SEANNA-HLD-B-TOPRING	Holder	PA66GF30	black
SEANNA-HLD-B-BOTTOMRING	Holder	PA66GF30	black
SEANNA-SCREW	Accessory	Stainless steel	



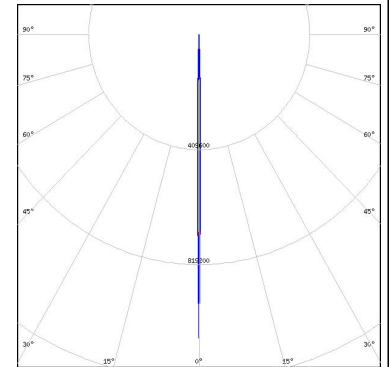
PHOTOMETRIC DATA (MEASURED):



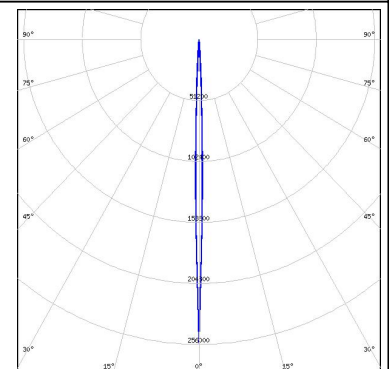
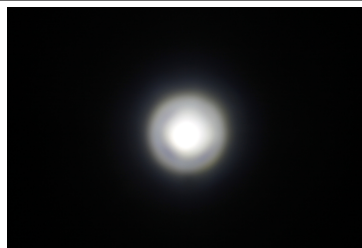
LED XD16
 FWHM 1.0°
 Efficiency 91 %
 Peak intensity 629.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



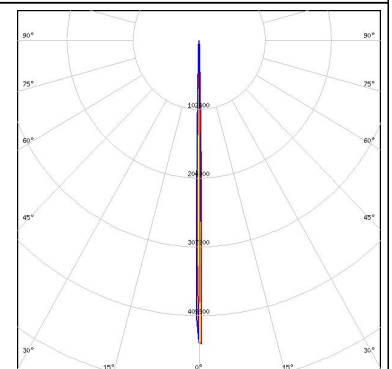
LED XP-E2
 FWHM 1.0°
 Efficiency %
 Peak intensity 750.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



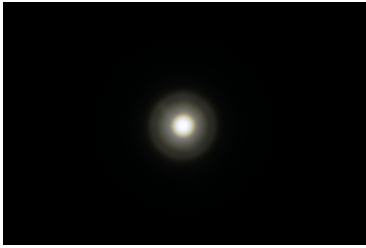
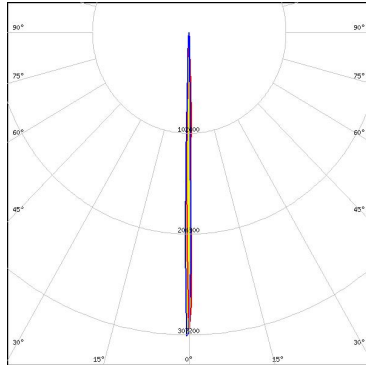
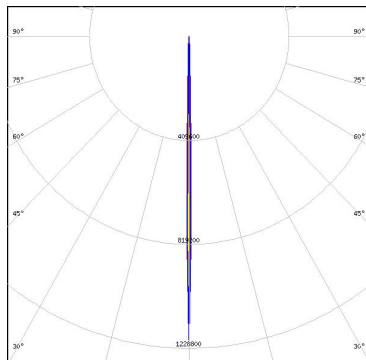
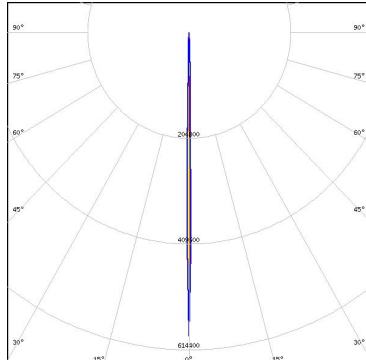
LED XP-L HD
 FWHM 2.4°
 Efficiency 94 %
 Peak intensity 255.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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



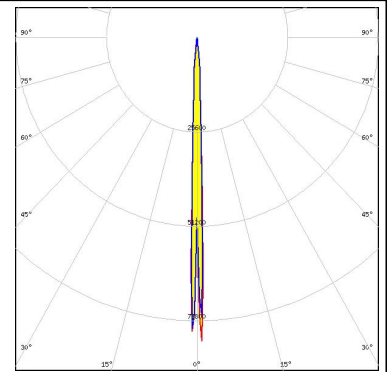
PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NVSW3x9A FWHM 1.9° Efficiency 92 % Peak intensity 310.000 cd/Im LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLON Black Flat FWHM 1.2° Efficiency 94 % Peak intensity 1196.000 cd/Im LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLON Square CSSRM2/CSSRM3 FWHM 1.5° Efficiency 94 % Peak intensity 587.000 cd/Im LEDs/each optic 1 Light colour White Required components:</p>		

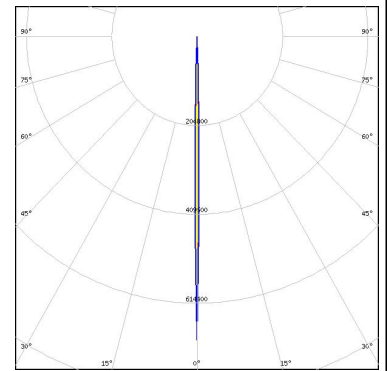
PHOTOMETRIC DATA (SIMULATED):



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



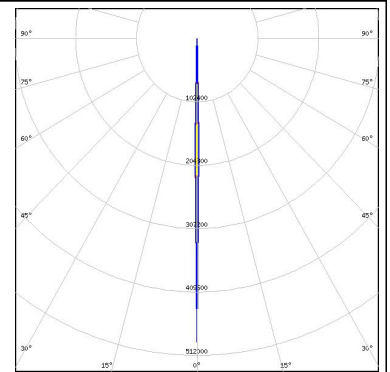
LED XB-D
 FWHM 1.3°
 Efficiency 87 %
 Peak intensity 698.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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



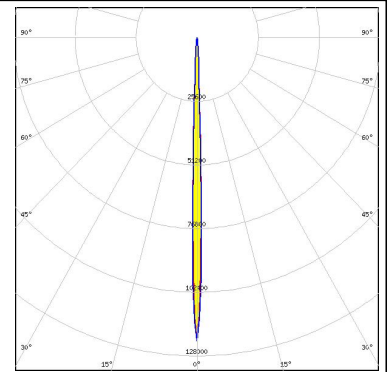
LED XHP35 HI
 FWHM 1.6°
 Efficiency 83 %
 Peak intensity 496.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



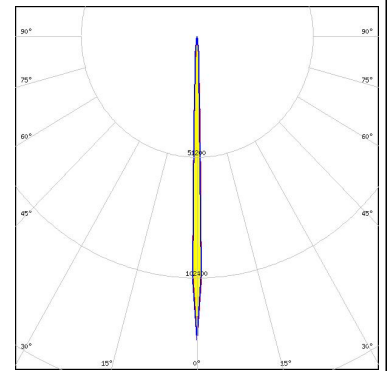
PHOTOMETRIC DATA (SIMULATED):



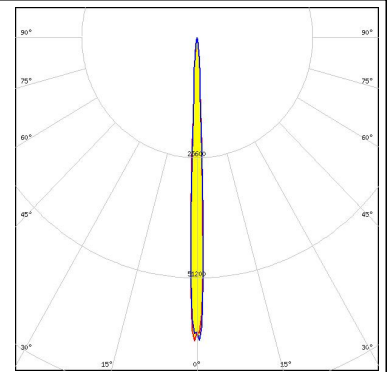
LED XHP50
 FWHM 3.3°
 Efficiency 87 %
 Peak intensity 122.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



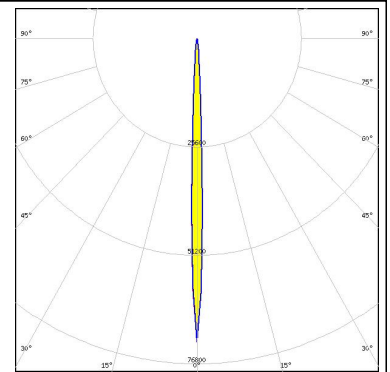
LED XHP50.2
 FWHM 2.7°
 Efficiency 84 %
 Peak intensity 128.680 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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



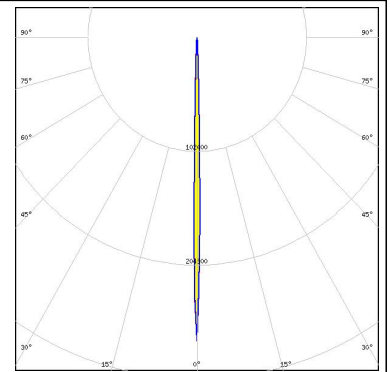
LED XHP70.2
 FWHM 4.5°
 Efficiency 83 %
 Peak intensity 71.640 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



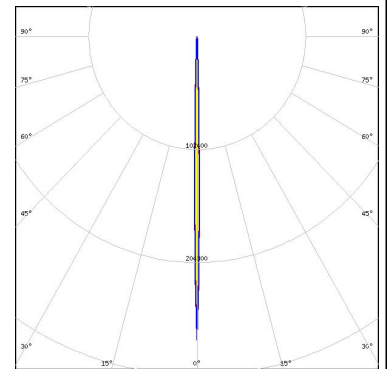
PHOTOMETRIC DATA (SIMULATED):



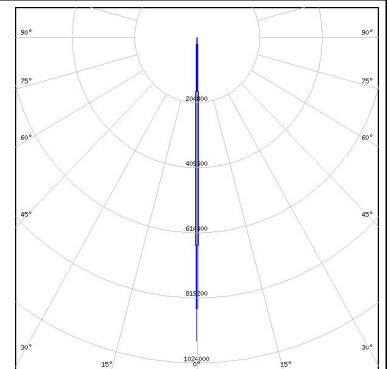
LED XM-L
 FWHM 2.4°
 Efficiency %
 Peak intensity 272.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



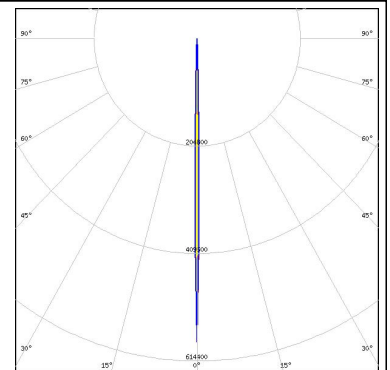
LED XM-L2
 FWHM 2.0°
 Efficiency 85 %
 Peak intensity 275.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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



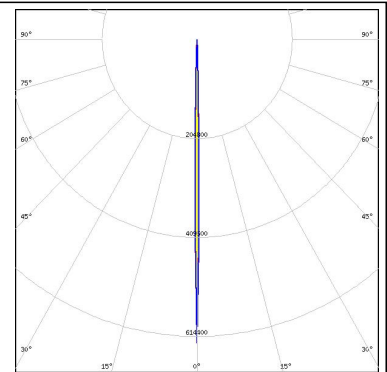
LED XP-G
 FWHM 1.4°
 Efficiency 90 %
 Peak intensity 578.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



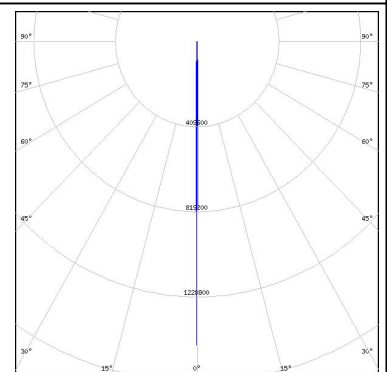
PHOTOMETRIC DATA (SIMULATED):



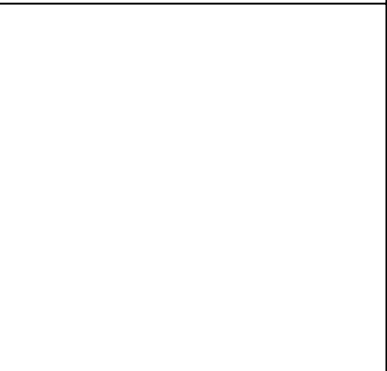
LED XP-G2
 FWHM 1.4°
 Efficiency 91 %
 Peak intensity 628.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



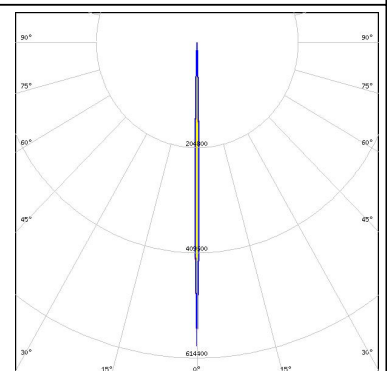
LED XQ-E HD
 FWHM 1.1°
 Efficiency 92 %
 Peak intensity 1460.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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):

<p>LED ENGIN</p> <p>LED LZ4 (00xW00) FWHM 3.3° Efficiency 91 % Peak intensity 136.000 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON M/MX FWHM 3.6° Efficiency 89 % Peak intensity 99.000 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON MZ FWHM 2.2° Efficiency 84 % Peak intensity 151.040 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON Rebel FWHM 1.3° Efficiency 90 % Peak intensity 704.000 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

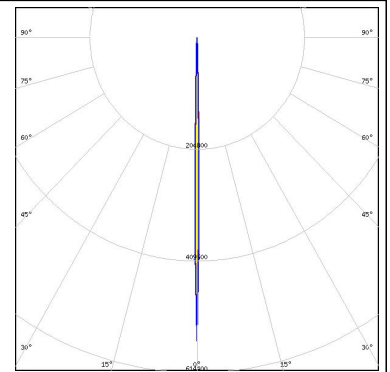
PHOTOMETRIC DATA (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON Rebel ES FWHM 1.6° Efficiency 90 % Peak intensity 530.000 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON S1000 FWHM 3.8° Efficiency 88 % Peak intensity 100.000 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMINUS</p> <p>LED SBT-90 FWHM 2.3° Efficiency 90 % Peak intensity 253.000 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSCONIQ P 7070 FWHM 3.5° Efficiency 91 % Peak intensity 122.200 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

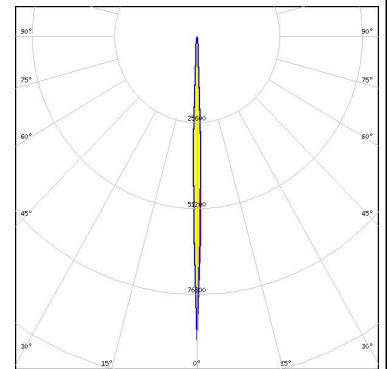
OSRAM
Opto Semiconductors

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



SEKUL
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:

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