

## VANESSA-B-S

~17° spot beam

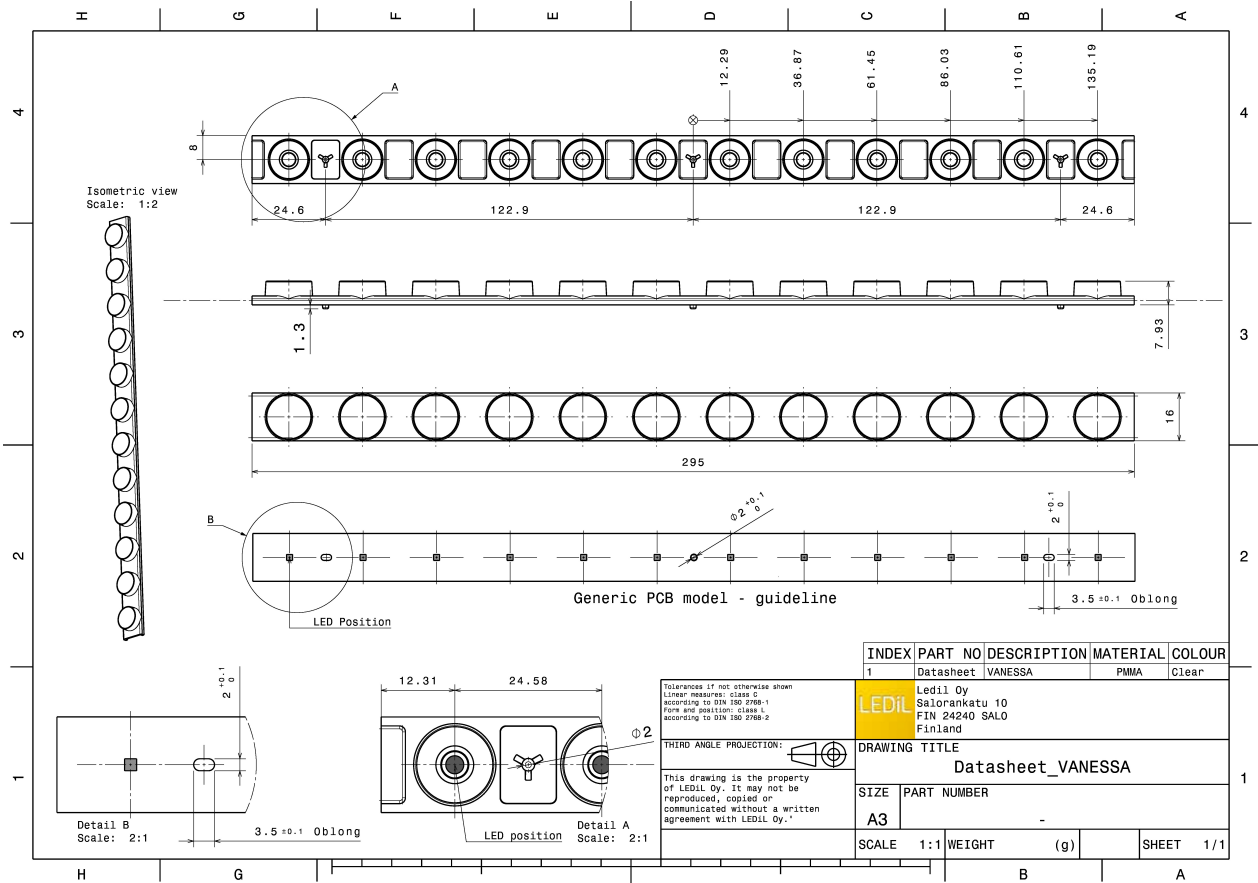
### TECHNICAL SPECIFICATIONS:

Dimensions	295.0 x 16.0 mm
Height	8 mm
Fastening	
Colour	clear
Box size	350 x 350 x 380 mm
Box weight	11.2 kg
Quantity in Box	448 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

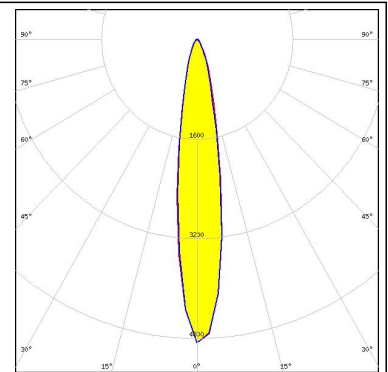
Component	Type	Material	Colour
VANESSA-B-S	Linear lens	PMMA	clear



#### PHOTOMETRIC DATA (MEASURED):

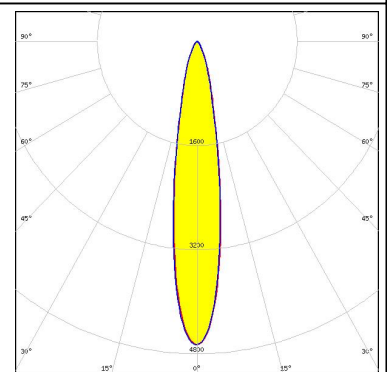
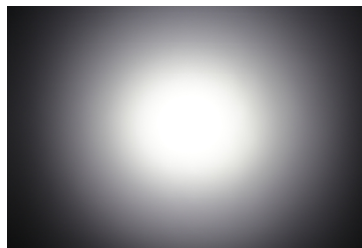
**CREE** 

LED XP-E  
 FWHM 17.0°  
 Efficiency 94 %  
 Peak intensity 4.923 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



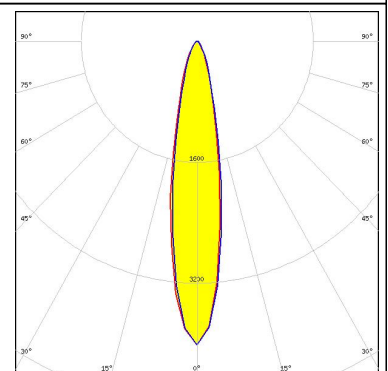
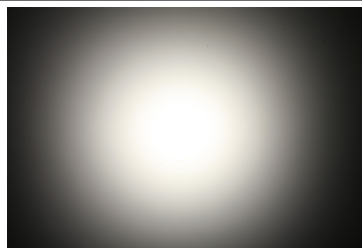
**CREE** 

LED XP-E2  
 FWHM 18.0°  
 Efficiency 88 %  
 Peak intensity 4.670 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



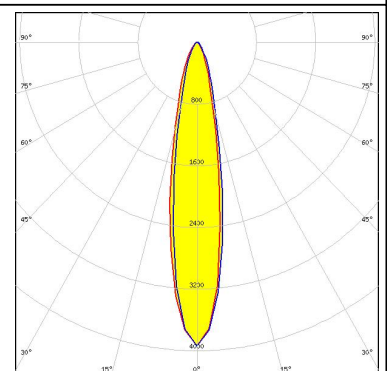
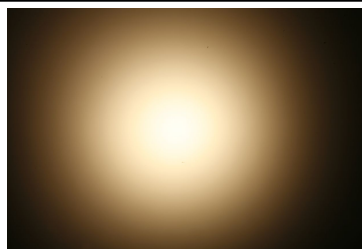
**CREE** 

LED XP-G  
 FWHM 19.0°  
 Efficiency 94 %  
 Peak intensity 4.019 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



**CREE** 

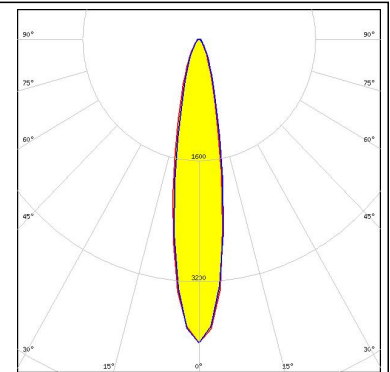
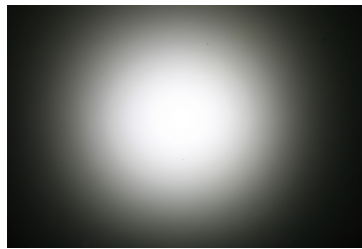
LED XP-G2  
 FWHM 19.0°  
 Efficiency 94 %  
 Peak intensity 3.938 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



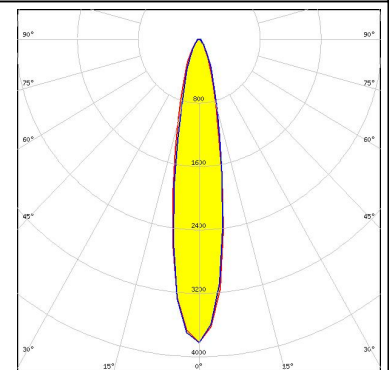
#### PHOTOMETRIC DATA (MEASURED):



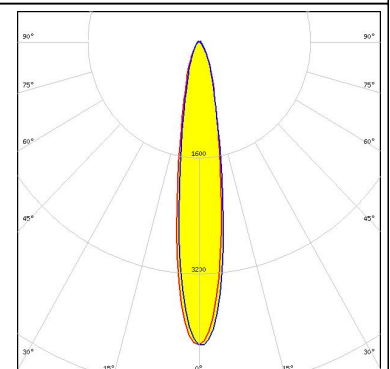
LED XT-E  
 FWHM 19.0°  
 Efficiency 94 %  
 Peak intensity 4.008 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON Rebel ES  
 FWHM 19.0°  
 Efficiency 94 %  
 Peak intensity 3.827 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



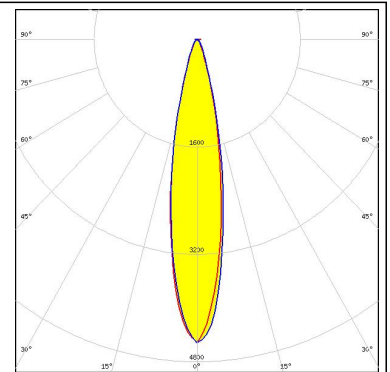
LED OSOLON Square EC  
 FWHM 17.0°  
 Efficiency 94 %  
 Peak intensity 4.180 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



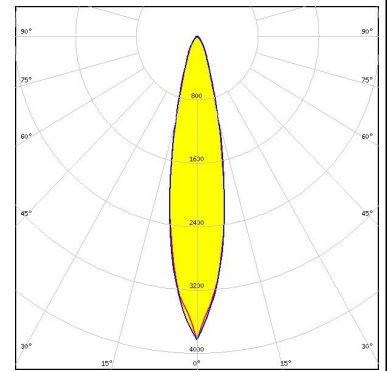
#### PHOTOMETRIC DATA (SIMULATED):



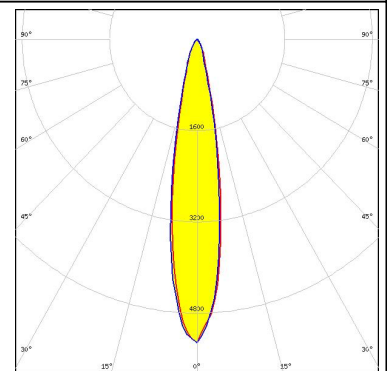
LED XB-D  
 FWHM 20.0°  
 Efficiency 92 %  
 Peak intensity 4.520 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



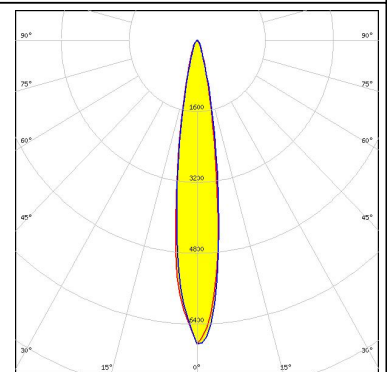
LED NVSxx19B/NVSxx19C  
 FWHM 21.0°  
 Efficiency 92 %  
 Peak intensity 3.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED Duris S5 (2 chip)  
 FWHM 19.0°  
 Efficiency 94 %  
 Peak intensity 5.350 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED Duris S5 (Single chip)  
 FWHM 16.0°  
 Efficiency 94 %  
 Peak intensity 6.900 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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