

## VANESSA-B-S

~17° spot beam

### TECHNICAL SPECIFICATIONS:

Dimensions	295.0 x 16.0 mm
Height	8 mm
ROHS compliant	yes ⓘ

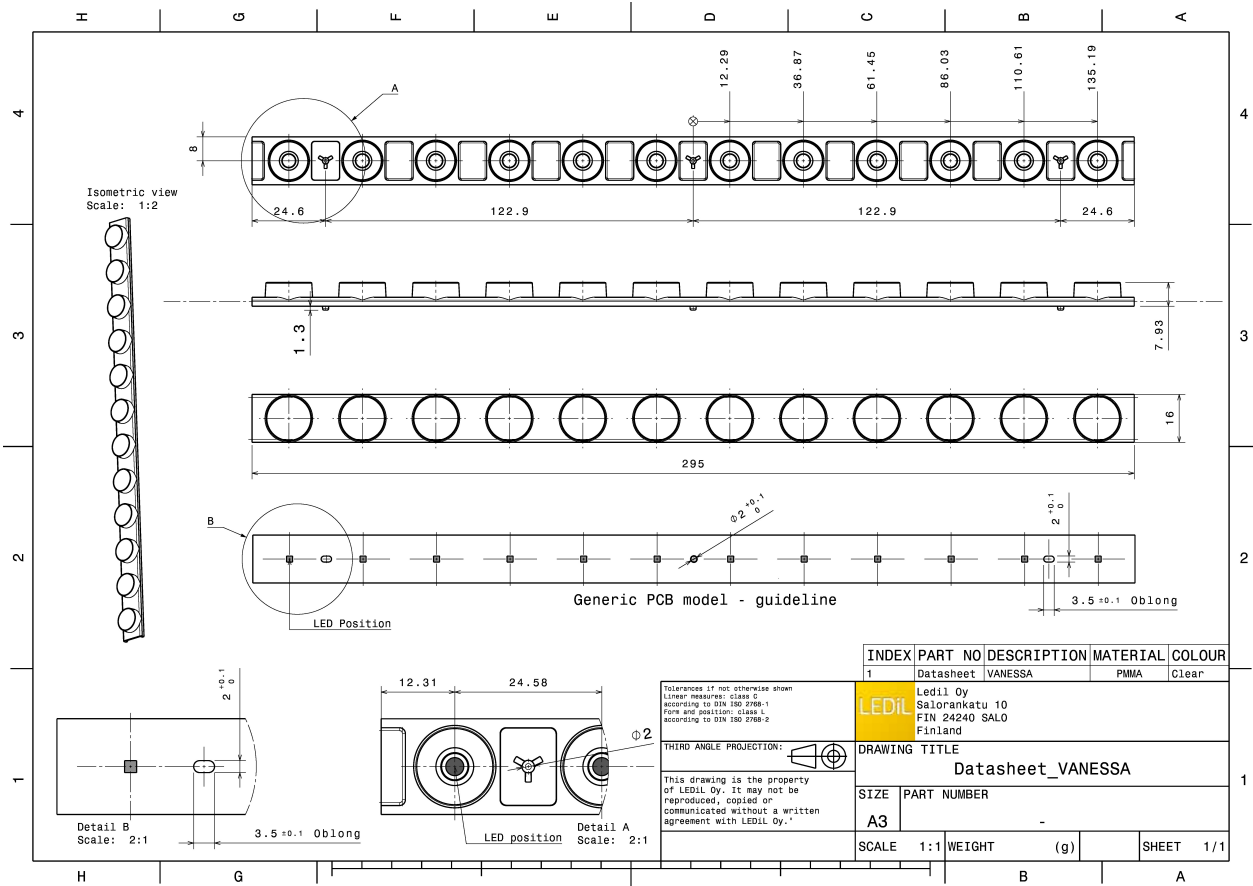
### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13869_VANESSA-B-S » Box size: 350 x 350 x 380 mm	448	84	14	11.2



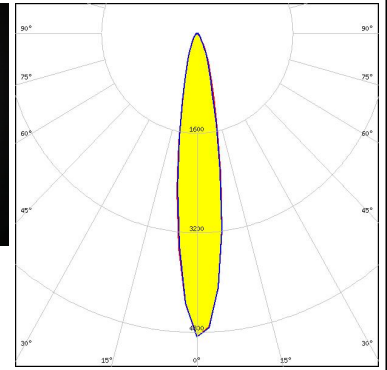


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### PHOTOMETRIC DATA (MEASURED):

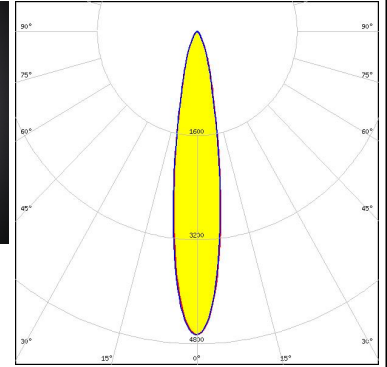
##### CREE LED

LED XP-E  
 FWHM / FWTM 17.0° / 41.0°  
 Efficiency 94 %  
 Peak intensity 4.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



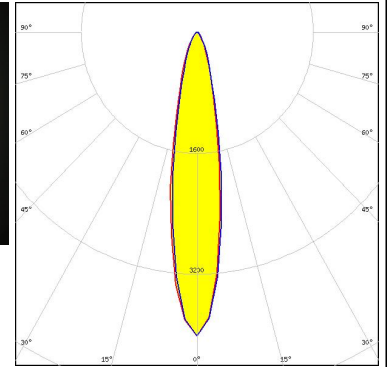
##### CREE LED

LED XP-E2  
 FWHM / FWTM 18.0° / 42.0°  
 Efficiency 88 %  
 Peak intensity 4.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



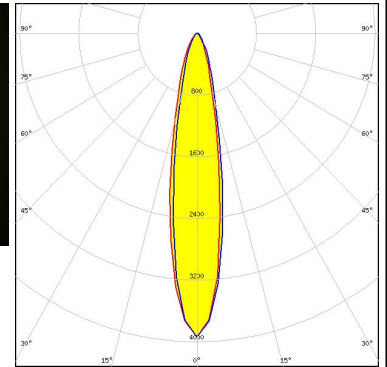
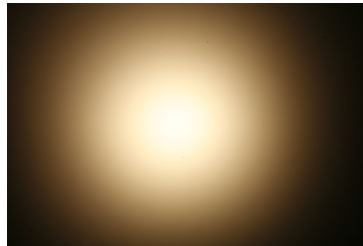
##### CREE LED

LED XP-G  
 FWHM / FWTM 19.0° / 46.0°  
 Efficiency 94 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### CREE LED

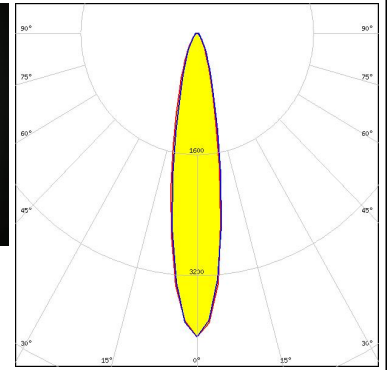
LED XP-G2  
 FWHM / FWTM 19.0° / 47.0°  
 Efficiency 94 %  
 Peak intensity 3.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

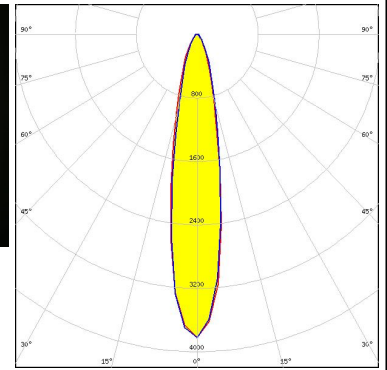
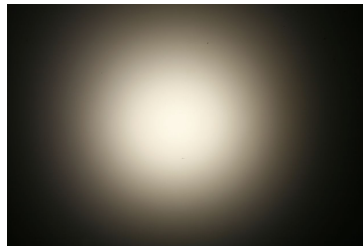
##### CREE LED

LED XT-E  
 FWHM / FWTM 19.0° / 46.0°  
 Efficiency 94 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### LUMILEDS

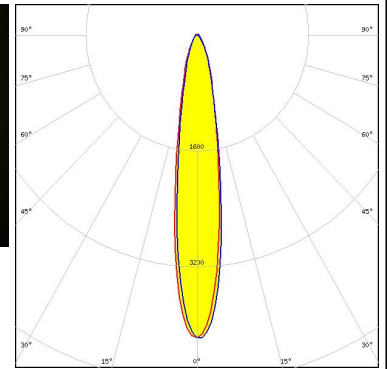
LED LUXEON Rebel ES  
 FWHM / FWTM 19.0° / 48.0°  
 Efficiency 94 %  
 Peak intensity 3.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



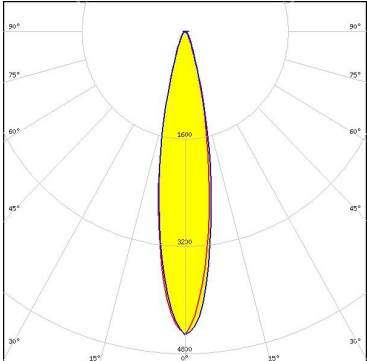
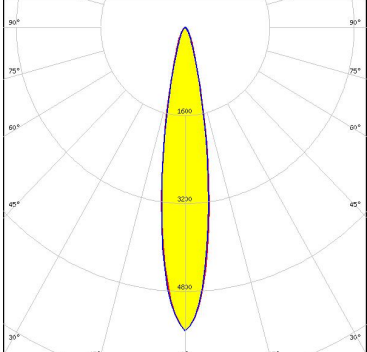
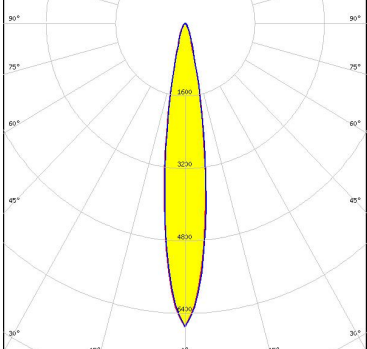
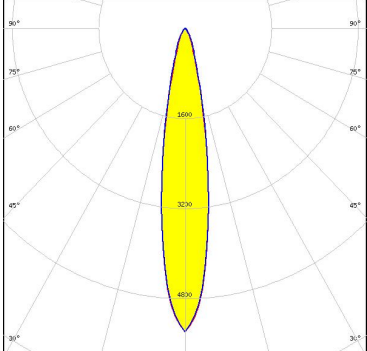
##### OSRAM

Opto Semiconductors

LED OSLON Square EC  
 FWHM / FWTM 17.0° / 45.0°  
 Efficiency 94 %  
 Peak intensity 4.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (SIMULATED):

<p><b>CREE</b> LED</p> <p>LED XB-D            FWHM / FWTM 20.0° / 41.0°            Efficiency 92 %            Peak intensity 4.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON 3030 2D (Square LES)            FWHM / FWTM 18.0° / 38.0°            Efficiency 97 %            Peak intensity 5.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NCSxx19A            FWHM / FWTM 16.0° / 33.0°            Efficiency 95 %            Peak intensity 6.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NF2x757G            FWHM / FWTM 18.0° / 39.0°            Efficiency 96 %            Peak intensity 5.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

#### PHOTOMETRIC DATA (SIMULATED):

<p><b>NICHIA</b></p> <p>LED: NVSxx19B/NVSxx19C            FWHM / FWTM: 21.0° / 45.0°            Efficiency: 92 %            Peak intensity: 3.8 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED: Duris S5 (2 chip)            FWHM / FWTM: 19.0° / 38.0°            Efficiency: 94 %            Peak intensity: 5.4 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED: Duris S5 (Single chip)            FWHM / FWTM: 16.0° / 34.0°            Efficiency: 94 %            Peak intensity: 6.9 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>SAMSUNG</b></p> <p>LED: LH351B            FWHM / FWTM: 21.0° / 51.0°            Efficiency: 95 %            Peak intensity: 3.4 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

### PHOTOMETRIC DATA (SIMULATED):



### 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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