

## VANESSA-B-S

~17° spot beam

### SPECIFICATION:

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

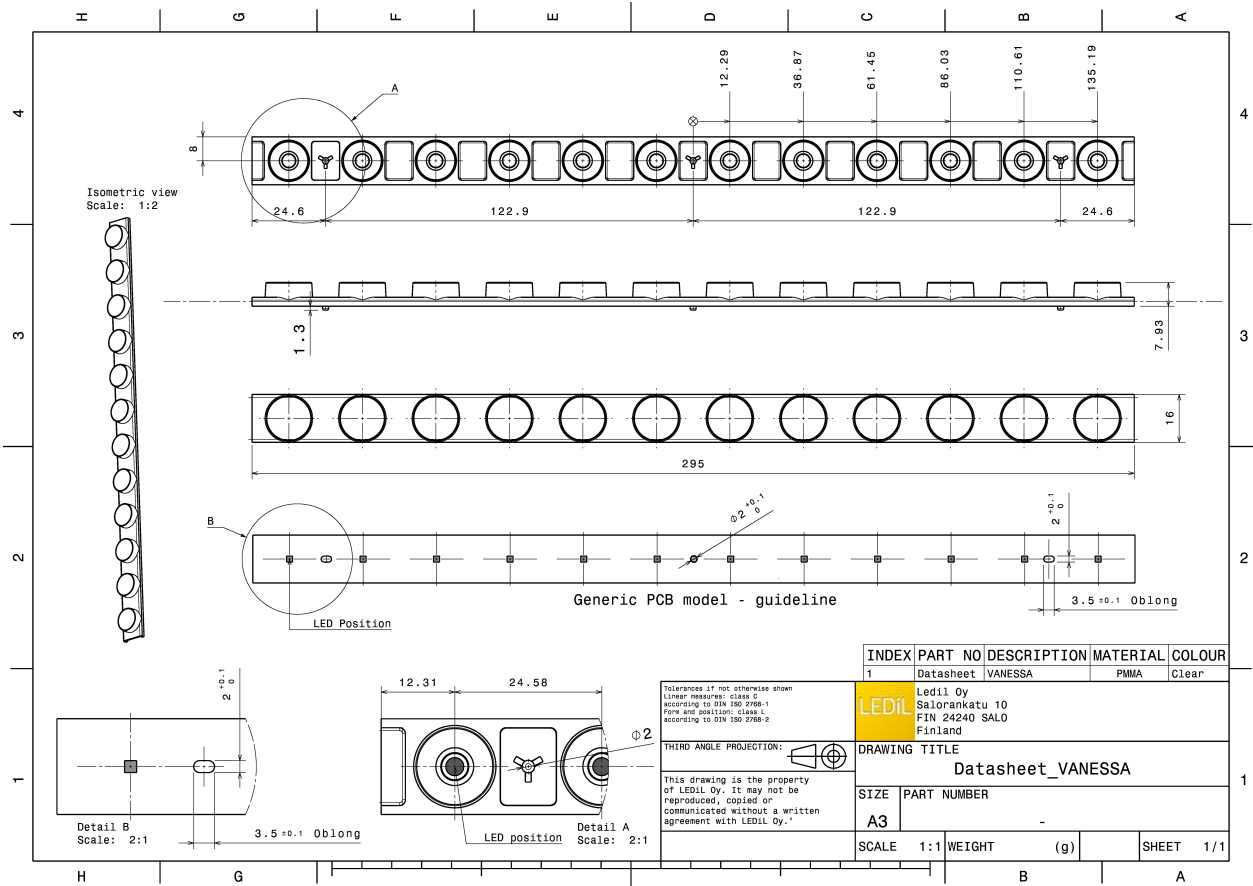
### MATERIALS:

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

### ORDERING INFORMATION:


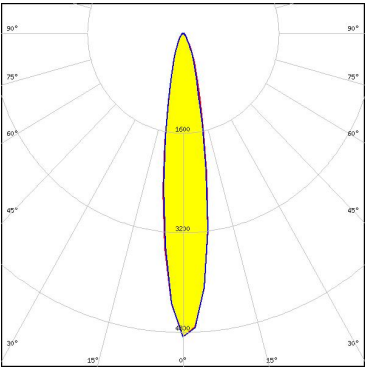

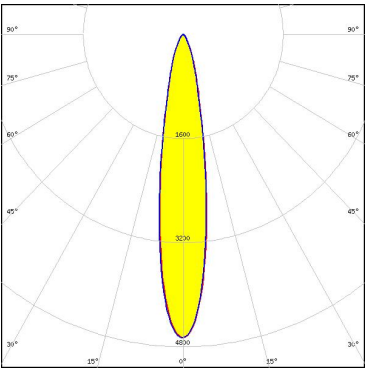
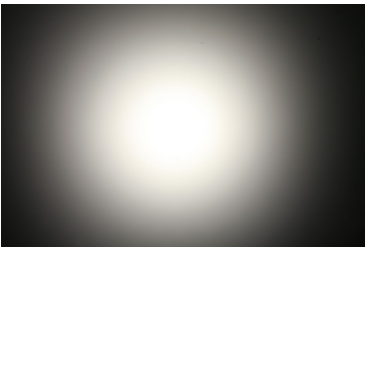
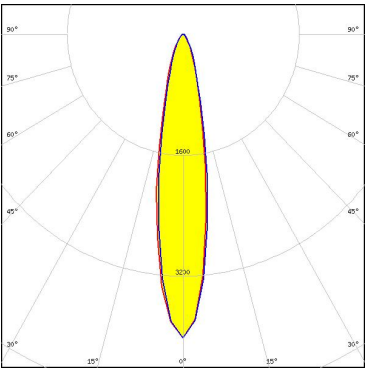

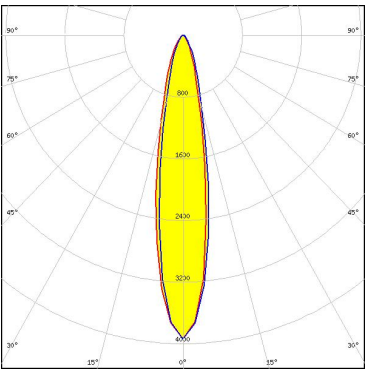
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13869_VANESSA-B-S » Box size: 350 x 350 x 380 mm	448	84	14	11.2





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

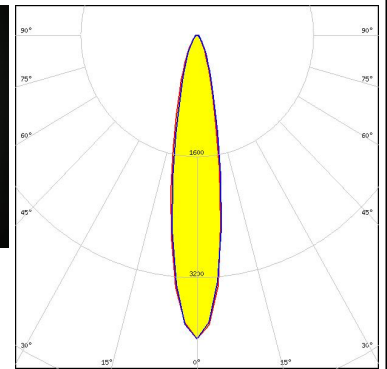
#### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> LEDs</p> <p>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:</p>		
<p><b>CREE</b> LEDs</p> <p>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:</p>		
<p><b>CREE</b> LEDs</p> <p>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:</p>		
<p><b>CREE</b> LEDs</p> <p>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:</p>		

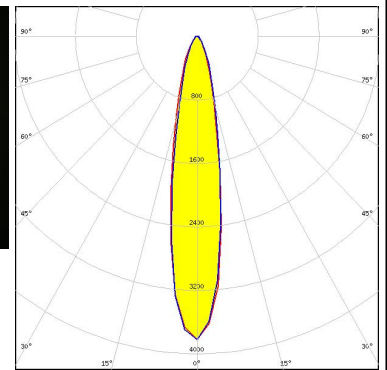
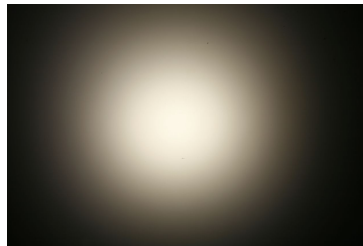
#### OPTICAL RESULTS (MEASURED):



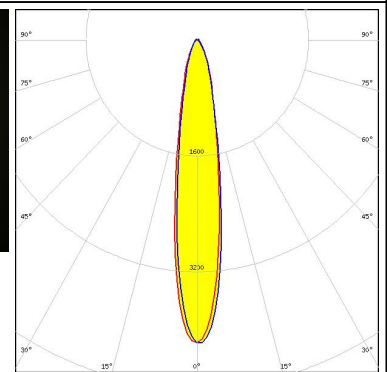
**LED** XT-E  
**FWHM / FWTM** 19.0° / 46.0°  
**Efficiency** 94 %  
**Peak intensity** 4 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**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:**



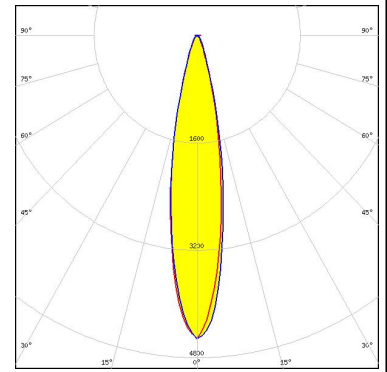
**LED** OSOLON Square EC  
**FWHM / FWTM** 17.0° / 45.0°  
**Efficiency** 94 %  
**Peak intensity** 4.2 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



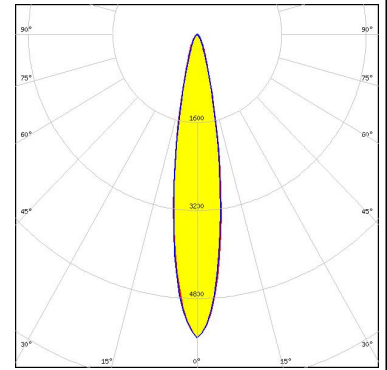
#### OPTICAL RESULTS (SIMULATED):



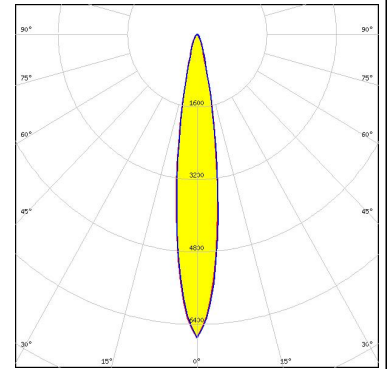
LED XB-D  
 FWHM / FWTM 20.0° / 41.0°  
 Efficiency 92 %  
 Peak intensity 4.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



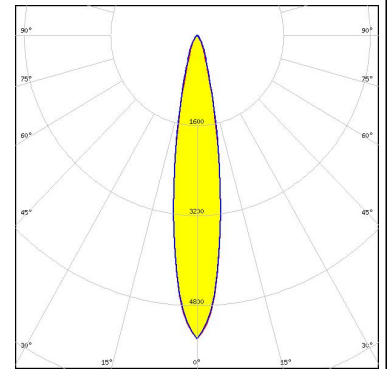
LED LUXEON 3030 2D (Square LES)  
 FWHM / FWTM 18.0° / 38.0°  
 Efficiency 97 %  
 Peak intensity 5.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



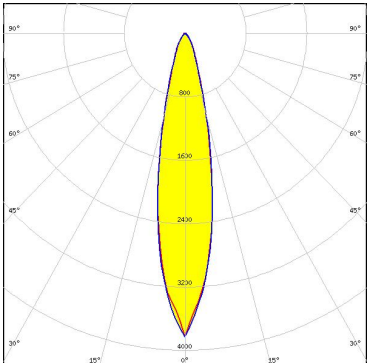
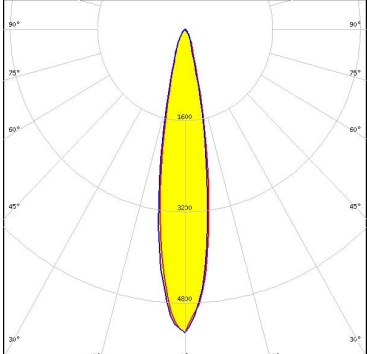
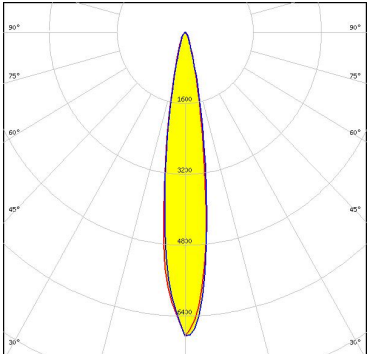
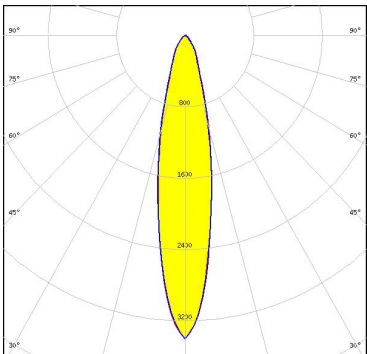
LED NCSxx19A  
 FWHM / FWTM 16.0° / 33.0°  
 Efficiency 95 %  
 Peak intensity 6.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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:



#### OPTICAL RESULTS (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>	

### OPTICAL RESULTS (SIMULATED):

