

## VANESSA-B-W

~35° wide beam

### TECHNICAL SPECIFICATIONS:

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

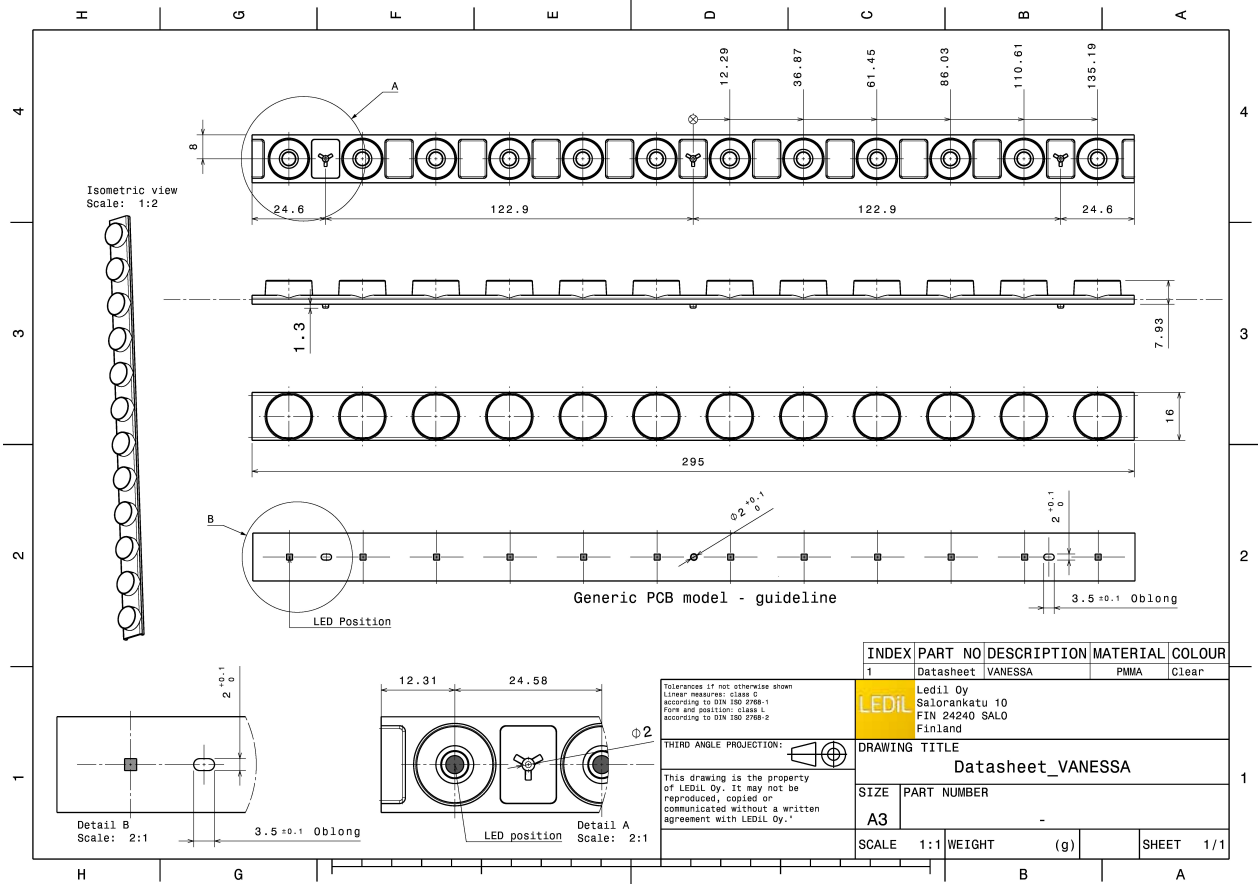
### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:


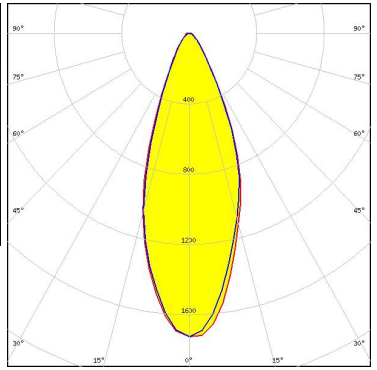

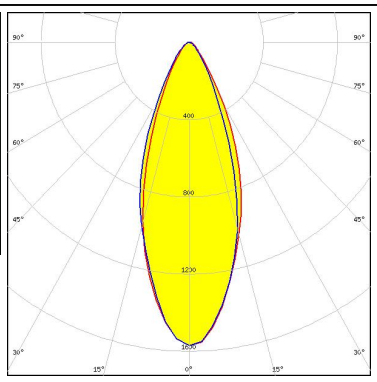
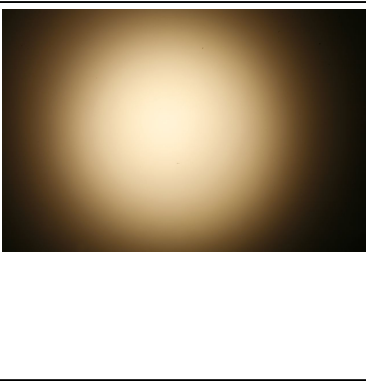
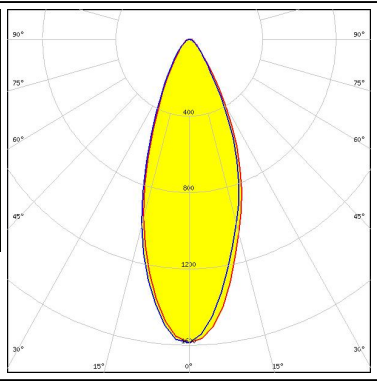

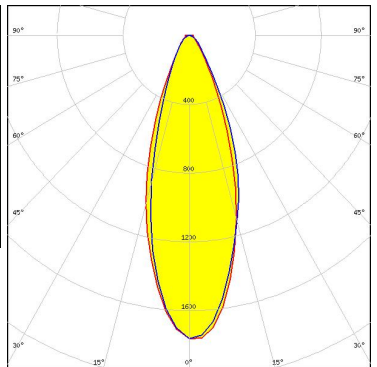
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13870_VANESSA-B-W » Box size: 350 x 350 x 380 mm	448	84	14	11.5





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

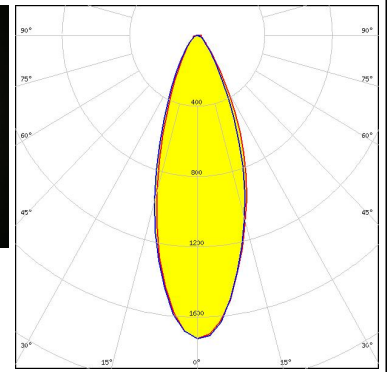
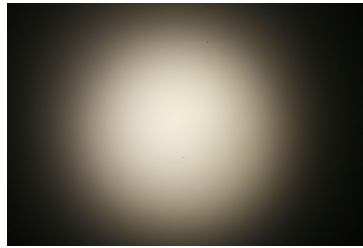
#### PHOTOMETRIC DATA (MEASURED):

<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED            XP-E            FWHM / FWTM    38.0° / 69.0°            Efficiency        92 %            Peak intensity    1.7 cd/m            LEDs/each optic    1            Light colour        White            Required components:</p>		
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED            XP-G            FWHM / FWTM    40.0° / 73.0°            Efficiency        90 %            Peak intensity    1.5 cd/m            LEDs/each optic    1            Light colour        White            Required components:</p>		
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED            XP-G2            FWHM / FWTM    39.0° / 74.0°            Efficiency        92 %            Peak intensity    1.6 cd/m            LEDs/each optic    1            Light colour        White            Required components:</p>		
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED            XT-E            FWHM / FWTM    35.0° / 68.0°            Efficiency        92 %            Peak intensity    1.8 cd/m            LEDs/each optic    1            Light colour        White            Required components:</p>		

#### PHOTOMETRIC DATA (MEASURED):



LED	LUXEON Rebel ES
FWHM / FWTM	36.0° / 71.0°
Efficiency	93 %
Peak intensity	1.7 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: 39.0° / 64.0°            Efficiency: 92 %            Peak intensity: 1.9 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NF2x757G            FWHM / FWTM: 44.0° / 66.0°            Efficiency: 96 %            Peak intensity: 1.6 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>SEMI</b> SEOUL SEMICONDUCTOR</p> <p>LED: Z8Y22            FWHM / FWTM: 38.0° / 58.0°            Efficiency: 96 %            Peak intensity: 2 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

### 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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