

### VANESSA-B-W

~35° wide beam

#### SPECIFICATION:

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

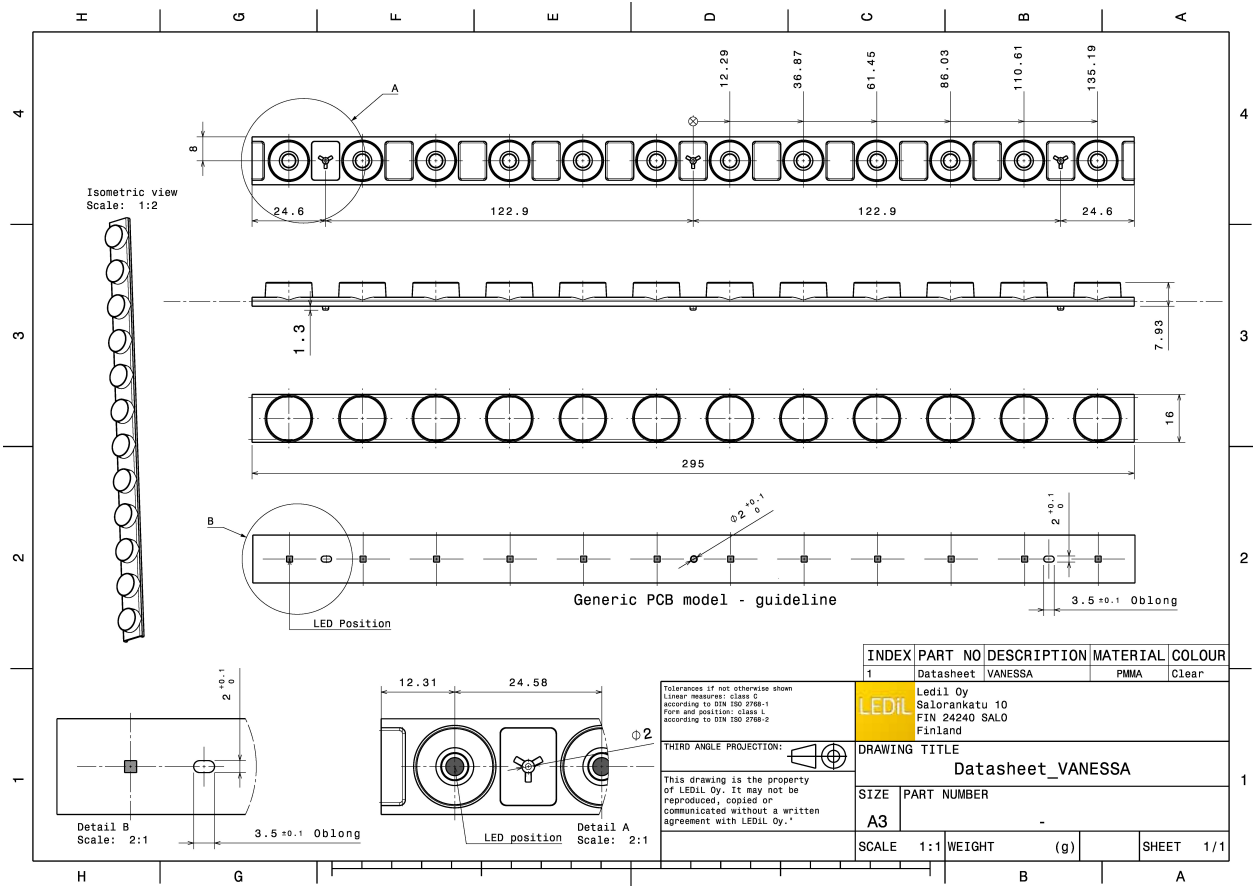
#### MATERIALS:

Component	Type	Material	Colour	Finish	Length
VANESSA-B-W	Linear lens	PMMA	clear		295.0

#### 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



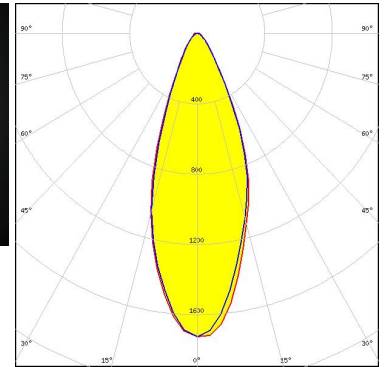
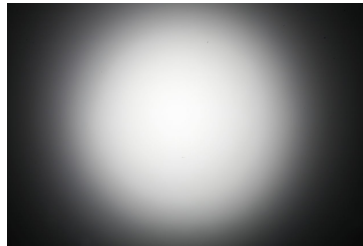


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



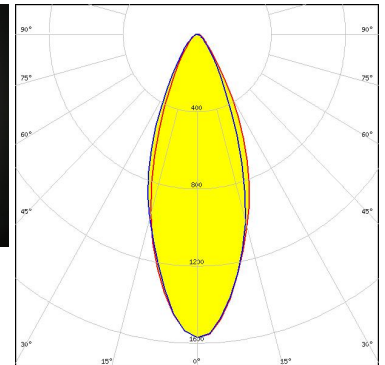
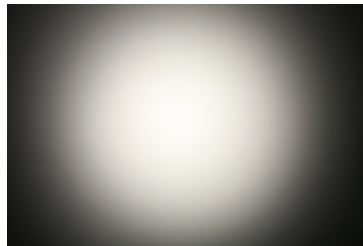
**LED** XP-E  
**FWHM / FWTM** 38.0° / 69.0°  
**Efficiency** 92 %  
**Peak intensity** 1.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



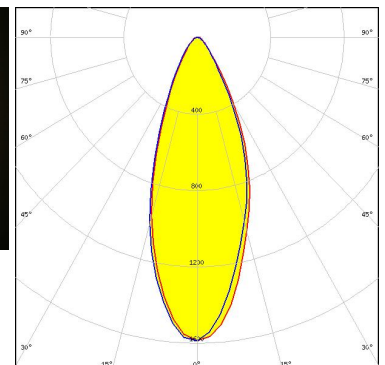
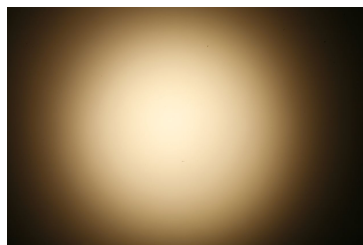
**LED** XP-G  
**FWHM / FWTM** 40.0° / 73.0°  
**Efficiency** 90 %  
**Peak intensity** 1.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



**LED** XP-G2  
**FWHM / FWTM** 39.0° / 74.0°  
**Efficiency** 92 %  
**Peak intensity** 1.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**

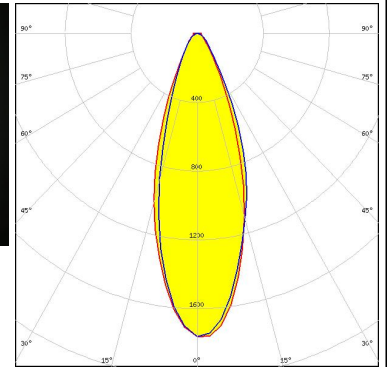
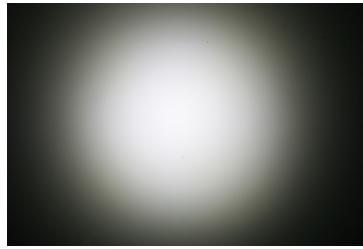


Light distribution files

### OPTICAL RESULTS (MEASURED):



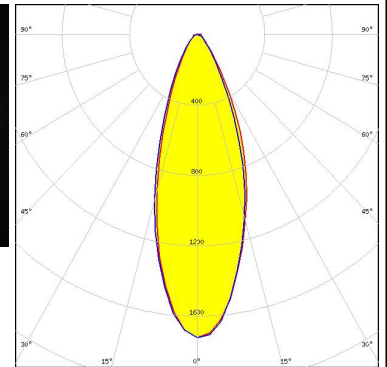
LED XT-E  
FWHM / FWTM 35.0° / 68.0°  
Efficiency 92 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON Rebel ES  
FWHM / FWTM 36.0° / 71.0°  
Efficiency 93 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

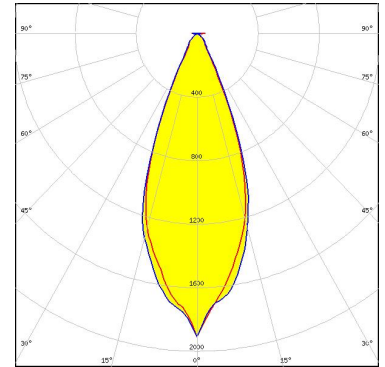


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



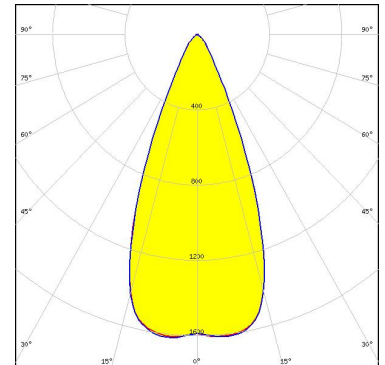
LED XB-D  
FWHM / FWTM 39.0° / 64.0°  
Efficiency 92 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



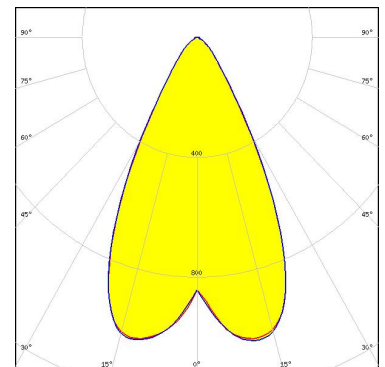
LED NF2x757G  
FWHM / FWTM 44.0° / 66.0°  
Efficiency 96 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LH351B  
FWHM / FWTM 56.0° / 84.0°  
Efficiency 95 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

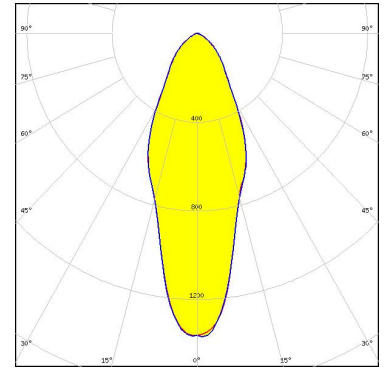


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

### SAMSUNG

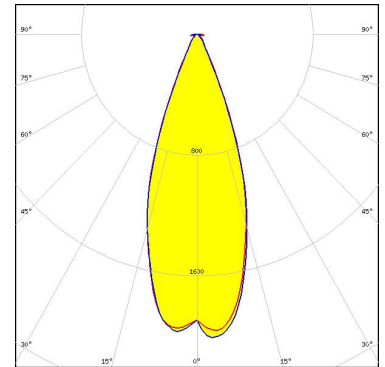
LED LM302Z plus  
FWHM / FWTM 38.0° / 94.0°  
Efficiency 95 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 2  
Light colour/type White  
Required components:



Light distribution files



LED Z8Y22  
FWHM / FWTM 38.0° / 58.0°  
Efficiency 96 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### 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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