

## VANESSA-B-O

~45° 20° oval beam

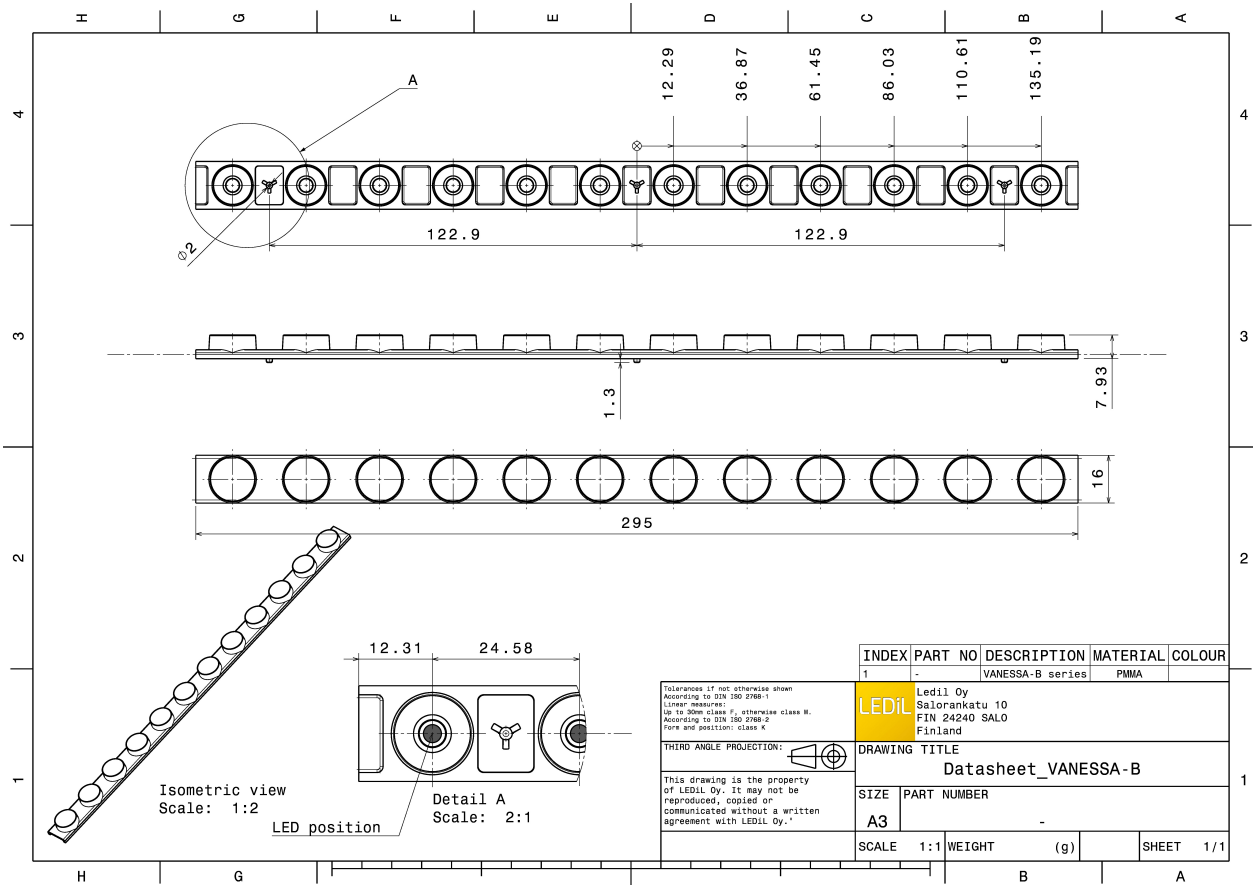
### TECHNICAL SPECIFICATIONS:

Dimensions	295x16 mm
Height	8 mm
Fastening	
Colour	clear
Box size	350 x 350 x 380 mm
Box weight	11.1 kg
Quantity in Box	448 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

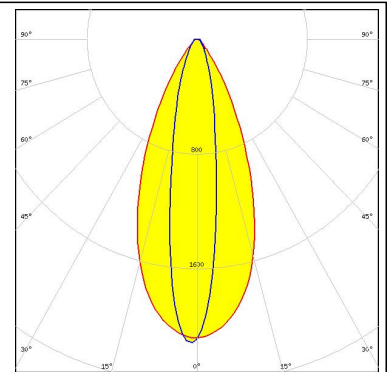
Component	Type	Material	Colour
VANESSA-B-O	Lens	PMMA	clear



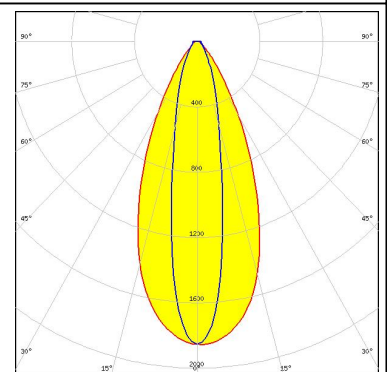
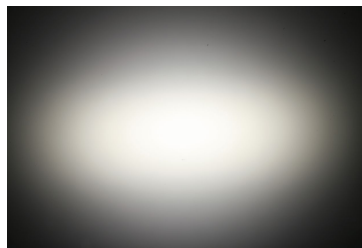
#### PHOTOMETRIC DATA (MEASURED):



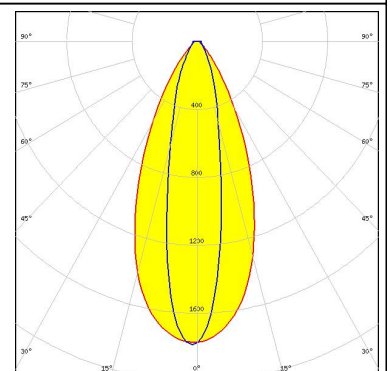
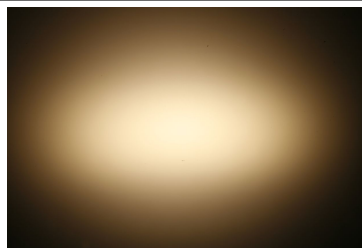
LED XP-E  
 FWHM 45.0 + 18.0°  
 Efficiency 88 %  
 Peak intensity 2.100 cd/lm  
 Required components:



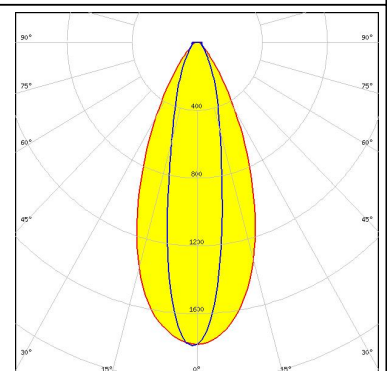
LED XP-G  
 FWHM 46.0 + 21.0°  
 Efficiency 87 %  
 Peak intensity 1.700 cd/lm  
 Required components:



LED XP-G2  
 FWHM 46.0 + 21.0°  
 Efficiency 88 %  
 Peak intensity 1.790 cd/lm  
 Required components:



LED LUXEON Rebel ES  
 FWHM 45.0 + 21.0°  
 Efficiency 89 %  
 Peak intensity 1.800 cd/lm  
 Required components:



## PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

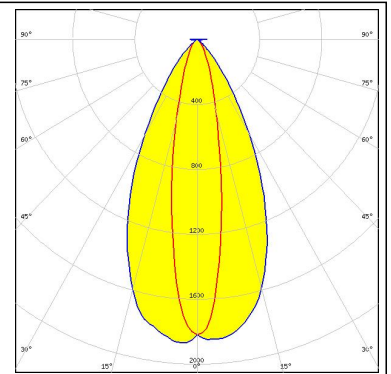
LED            Oslon Square EC  
FWHM        45.0 + 20.0°  
Efficiency    90 %  
Peak intensity 1.780 cd/lm  
Required components:



### PHOTOMETRIC DATA (SIMULATED):



LED XB-D  
FWHM 50.0 + 19.0°  
Efficiency 83 %  
Peak intensity 1.900 cd/lm  
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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
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