

VANESSA-B-O

~45° + 20° oval beam

SPECIFICATION:

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

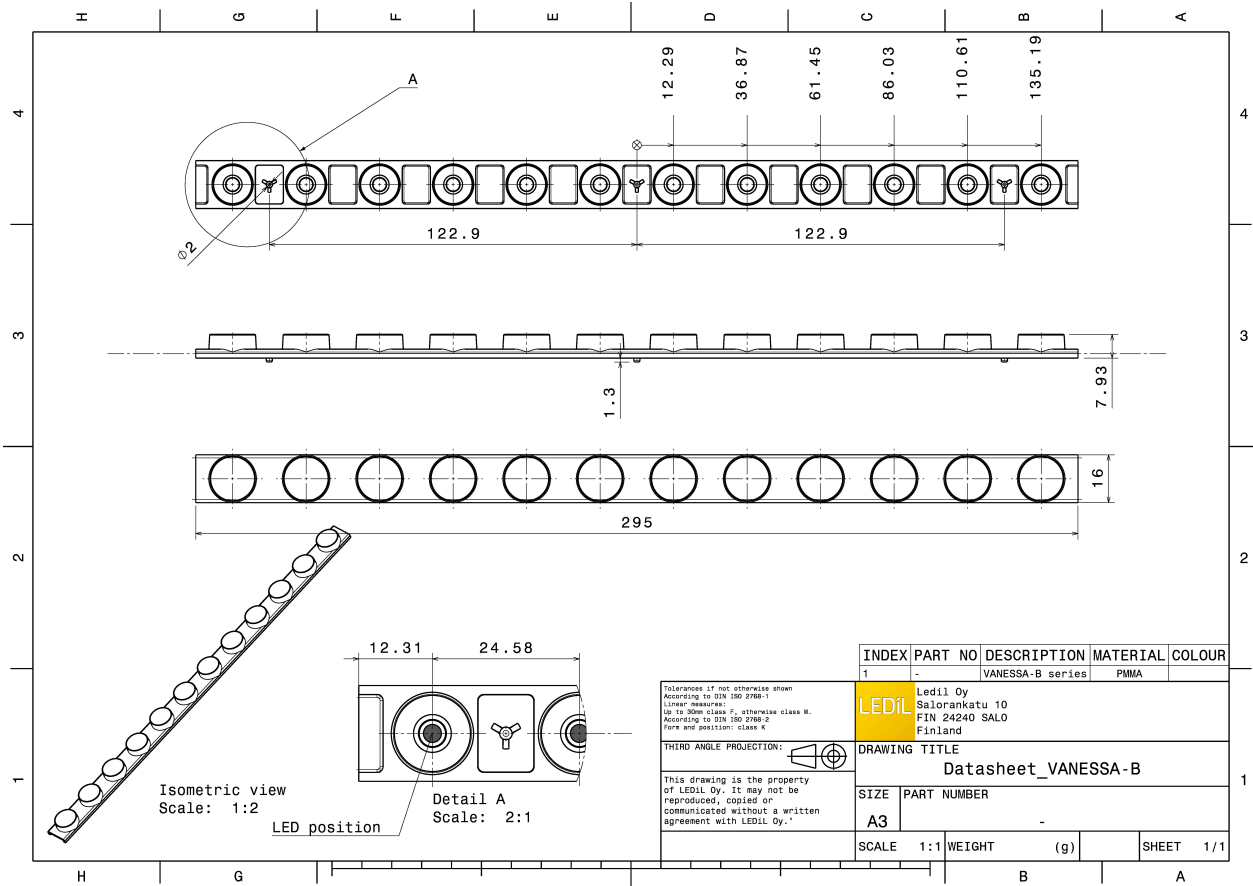
MATERIALS:

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



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13871_VANESSA-B-O » Box size: 350 x 350 x 380 mm	448	84	14	11.1

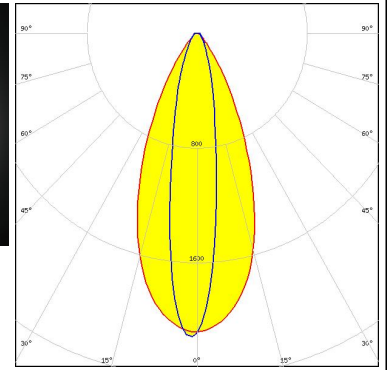
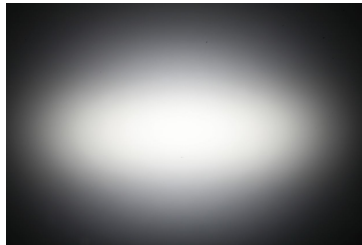


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

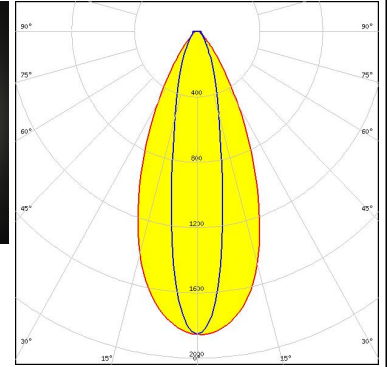
CREE LED

LED XP-E
 FWHM / FWTM 45.0 + 18.0° / 77.0 + 50.0°
 Efficiency 88 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



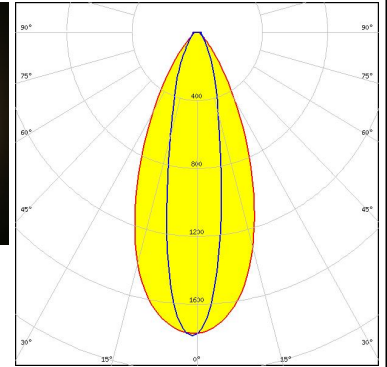
CREE LED

LED XP-G
 FWHM / FWTM 46.0 + 21.0° / 81.0 + 60.0°
 Efficiency 87 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



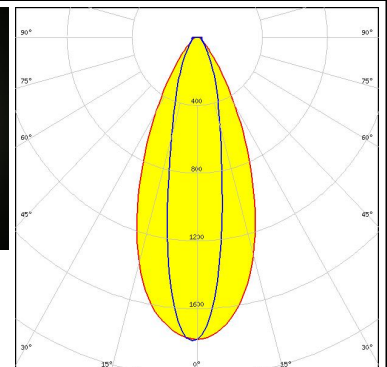
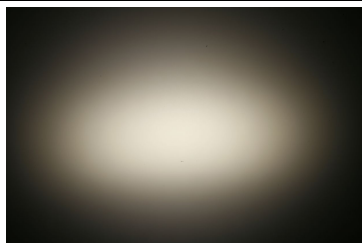
CREE LED

LED XP-G2
 FWHM / FWTM 46.0 + 21.0° / 81.0 + 59.0°
 Efficiency 88 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

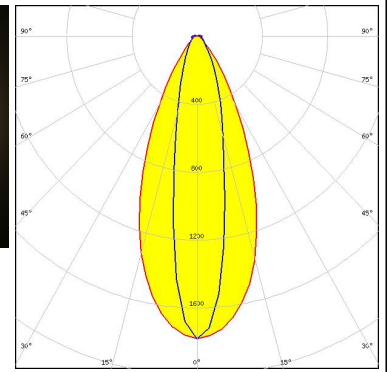
LED LUXEON Rebel ES
 FWHM / FWTM 45.0 + 21.0° / 80.0 + 60.0°
 Efficiency 89 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



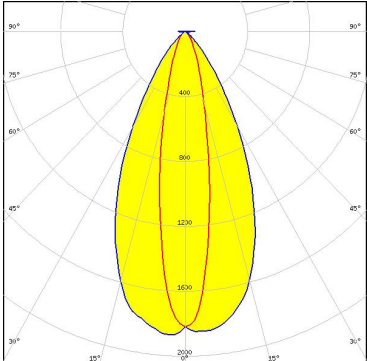
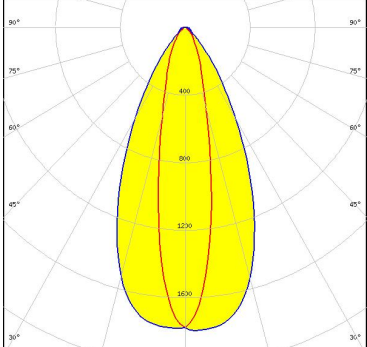
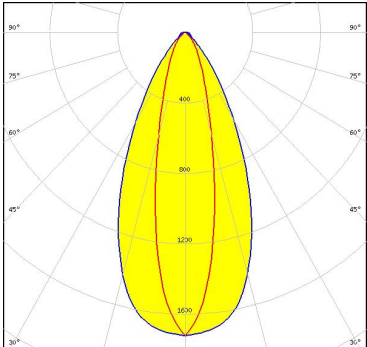
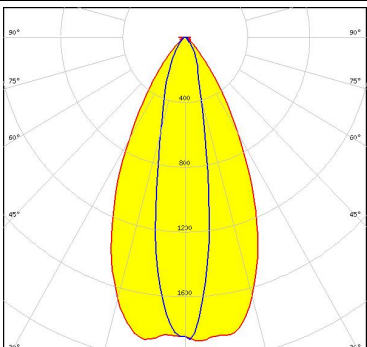
OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON Square EC
FWHM / FWMTM	45.0 + 20.0° / 79.0 + 58.0°
Efficiency	90 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



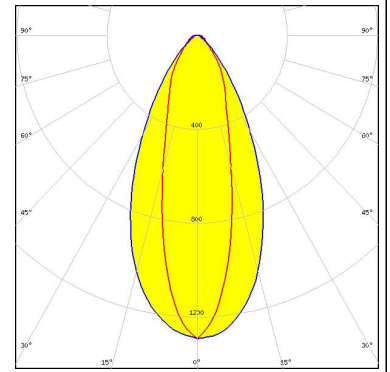
OPTICAL RESULTS (SIMULATED):

<p>CREE LED</p> <p>LED XB-D FWHM / FWTM 50.0 + 19.0° / 84.0 + 47.0° Efficiency 83 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NCSxx19A FWHM / FWTM 21.0 + 51.0° / 57.0 + 85.0° Efficiency 87 % Peak intensity 1.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NF2x757G FWHM / FWTM 24.0 + 50.0° / 59.0 + 86.0° Efficiency 88 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris S5 (2 chip) FWHM / FWTM 53.0 + 21.0° / 85.0 + 54.0° Efficiency 89 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LH351B
FWHM / FWTM	28.0 + 50.0° / 81.0 + 90.0°
Efficiency	85 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White
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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