

PRODUCT DATASHEET C13871_VANESSA-B-O

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 VANESSA-B-O

Type Linear lens

Material	Colour	Finish
PMMA	clear	

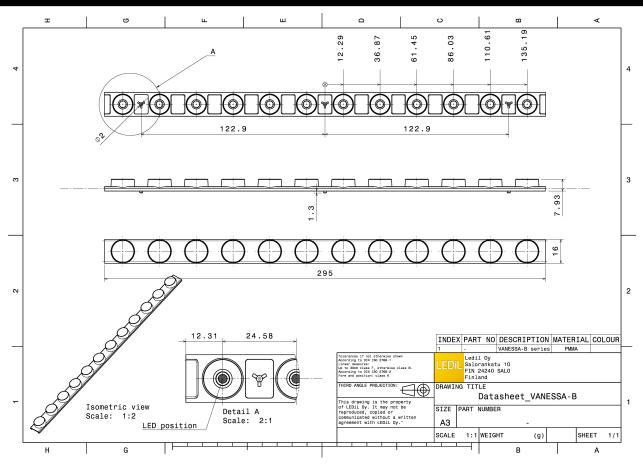
ORDERING INFORMATION:

Component	
C13871_VANESSA-B-O	
» Box size: 350 x 350 x 380 mm	

Qty in box	MOQ	MPQ	Box weight (kg)
448	84	14	11.1



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



OPTICAL RESULTS (MEASURED):

		50° 50°
LED	XP-E	
FWHM / FWTM	45.0 + 18.0° / 77.0 + 50.0°	77
Efficiency	88 %	
Peak intensity	2.1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		30' 30' 30'
		90* 90*
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	97
Required compone	ents:	
		300 300
		259 250
		50 ⁴ 50 ⁵
LED	XP-G2	
FWHM / FWTM	46.0 + 21.0° / 81.0 + 59.0°	77 77
Efficiency	88 %	
Peak intensity	1.8 cd/lm	
LEDs/each optic	1	
Light colour	White	gr gr
Required compone		
Required compone	5110.	
		30.5 0, 30.5
UMIL	EDC	
		9)* 9)*
LED	LUXEON Rebel ES	75
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	5 ⁴⁷ 220
Required compone	ents:	
		300
		300 300
		35% of 15°



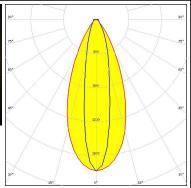
OPTICAL RESULTS (MEASURED):

OSRAM Opto Semiconductors

LEDOFWHM / FWTM45Efficiency90Peak intensity1.4LEDs/each optic1Light colourWRequired components:

OSLON Square EC 45.0 + 20.0° / 79.0 + 58.0° 90 % 1.8 cd/lm 1 White







OPTICAL RESULTS (SIMULATED):

CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XB-D 50.0 + 19.0° / 84.0 + 47.0° 83 % 1.9 cd/lm 1 White	30 ⁴ 20 ⁵ 20 ⁵ 20 ⁵ 20 ⁵
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NCSxx19A 21.0 + 51.0° / 57.0 + 85.0° 87 % 1.8 cd/lm 1 White	30° 10° 10° 10° 10° 10° 10° 10° 10° 10° 1
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NF2x757G 24.0 + 50.0° / 59.0 + 86.0° 88 % 1.7 cd/lm 1 White	200
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Duris S5 (2 chip) 53.0 + 21.0° / 85.0 + 54.0° 89 % 1.9 cd/lm 1 White	



OPTICAL RESULTS (SIMULATED):

SAMSU	NG	50 ⁺ 50 ⁺
LED	LH351B	
FWHM / FWTM	28.0 + 50.0° / 81.0 + 90.0°	
Efficiency	85 %	60*
Peak intensity	1.3 cd/lm	
LEDs/each optic	1	
Light colour	White	47* 60°
Required component	s:	
		120
		30° 33°