

VANESSA-B-W

~35° wide beam

SPECIFICATION:

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



MATERIALS:

Component VANESSA-B-W

Type Linear lens

Material	Colour	Finish
PMMA	clear	

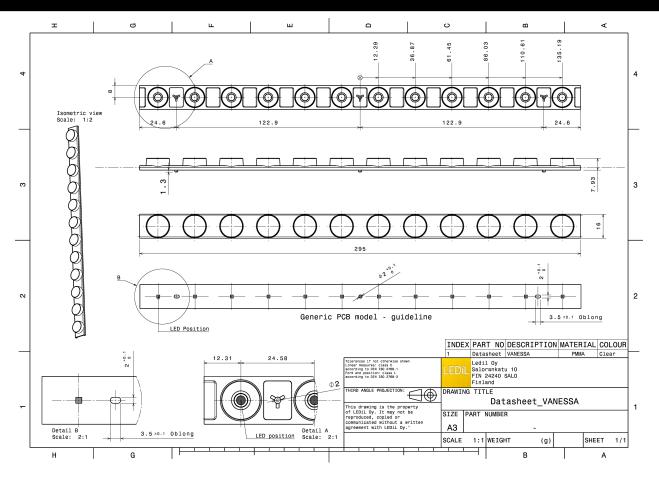
ORDERING INFORMATION:

Component	
C13870_VANESSA-B-W	
» Box size: 350 x 350 x 380 mm	

Qty in box	MOQ	MPQ	Box weight (kg)
448	84	14	11.5

PRODUCT DATASHEET C13870_VANESSA-B-W

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



OPTICAL RESULTS (MEASURED):

		90* 90*
LED	XP-E	
FWHM / FWTM	38.0° / 69.0°	23*
Efficiency	92 %	
Peak intensity	1.7 cd/lm	
LEDs/each optic	1	
Light colour	White	5° 6°
Required componer	nts:	
		3500
		30° 30°
		15 00 150
		90* 90*
LED	XP-G	
FWHM / FWTM	40.0° / 73.0°	
Efficiency	90 %	60° 66°
Peak intensity	1.5 cd/lm	
LEDs/each optic	1	
Light colour	White	er er
Required componer	nts:	1200
		36* 36.*
		25° 0° 35°
		90* 90*
LED	XP-G2	
FWHM / FWTM	39.0° / 74.0°	
Efficiency	92 %	60° 60°
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required componer	nts:	1200
		30° 30° 30°
CREE ≑		
LEDS		<u>90*</u> 90*
LED	XT-E	73.
FWHM / FWTM	35.0° / 68.0°	
Efficiency Peak intensity	92 % 1.8 cd/m	
I Peak Intensity		
LEDs/each optic	1	
LEDs/each optic Light colour	1 White	90 97 120
LEDs/each optic	1 White	
LEDs/each optic Light colour	1 White	
LEDs/each optic Light colour	1 White	
LEDs/each optic Light colour	1 White	



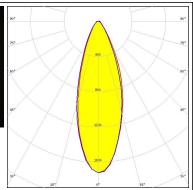
OPTICAL RESULTS (MEASURED):

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LED	I
FWHM / FWTM	;
Efficiency	9
Peak intensity	
LEDs/each optic	
Light colour	١
Required compone	ente

LUXEON Rebel ES 36.0° / 71.0° 93 % 1.7 cd/lm 1 White nts:







OPTICAL RESULTS (SIMULATED):

		90 ⁴ 90 ⁴
LED FWHM / FWTM Efficiency	XB-D 39.0° / 64.0° 92 %	60°
Peak intensity	1.9 cd/lm	
LEDs/each optic Light colour	1 White	ę
Required components:		20° 0° 12° 100 1222
Μ ΝΙCΗΙΛ		50° 50°
LED	NF2x757G	75
FWHM / FWTM	44.0° / 66.0°	400
Efficiency	96 %	50° 60°
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	White	gr interest
Required components:		1220
		300 300 300 300
SAMSIIN	IG	90° 90°
		90 ⁺
LED	LH351B	99 ⁴ 97 ⁵
LED FWHM / FWTM	LH351B 56.0° / 84.0°	
LED FWHM / FWTM Efficiency	LH351B 56.0° / 84.0° 95 %	
LED FWHM / FWTM Efficiency Peak intensity	LH351B 56.0° / 84.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351B 56.0° / 84.0° 95 % 1.1 cd/lm	
FWHM / FWTM Efficiency Peak intensity	LH351B 56.0° / 84.0° 95 % 1.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B 56.0° / 84.0° 95 % 1.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B 56.0° / 84.0° 95 % 1.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B 56.0° / 84.0° 95 % 1.1 cd/lm 1	30°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351B 56.0° / 84.0° 95 % 1.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351B 56.0° / 84.0° 95 % 1.1 cd/lm 1 White	30°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351B 56.0° / 84.0° 95 % 1.1 cd/lm 1 White	30°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM	LH351B 56.0° / 84.0° 95 % 1.1 cd/lm 1 White	30°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency	LH351B 56.0° / 84.0° 95 % 1.1 cd/lm 1 White I LM302Z plus 38.0° / 94.0° 95 %	22 24 26 26 26 26 26 26 26 26 26 26
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity	LH351B 56.0° / 84.0° 95 % 1.1 cd/lm 1 White LM302Z plus 38.0° / 94.0° 95 % 1.4 cd/lm	22 24 26 26 26 26 26 26 26 26 26 26
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351B 56.0° / 84.0° 95 % 1.1 cd/lm 1 White LM302Z plus 38.0° / 94.0° 95 % 1.4 cd/lm 2	22 24 26 26 26 26 26 26 26 26 26 26
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SANNSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B 56.0° / 84.0° 95 % 1.1 cd/lm 1 White LM302Z plus 38.0° / 94.0° 95 % 1.4 cd/lm	22 24 26 26 26 26 26 26 26 26 26 26
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351B 56.0° / 84.0° 95 % 1.1 cd/lm 1 White LM302Z plus 38.0° / 94.0° 95 % 1.4 cd/lm 2	22 24 25 26 26 26 26 26 26 27 26 27 26 27 26 27 26 27 27 27 27 27 27 27 27 27 27
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B 56.0° / 84.0° 95 % 1.1 cd/lm 1 White LM302Z plus 38.0° / 94.0° 95 % 1.4 cd/lm 2	22 24 25 26 26 26 26 26 26 27 26 27 26 27 26 27 26 27 27 27 27 27 27 27 27 27 27
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B 56.0° / 84.0° 95 % 1.1 cd/lm 1 White LM302Z plus 38.0° / 94.0° 95 % 1.4 cd/lm 2	



OPTICAL RESULTS (SIMULATED):

SEOUL SEOUL SEMICONDUCTOR		20 ⁺ 20 ⁺
LED	Z8Y22	
FWHM / FWTM	38.0° / 58.0°	
Efficiency	96 %	
Peak intensity	2 cd/lm	
LEDs/each optic	1	
Light colour	White	97
Required component	ts:	
		94 ⁶ 137 0 ⁴ 15 ⁴



PRODUCT DATASHEET C13870_VANESSA-B-W

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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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