

VANESSA-S

~17° spot beam

SPECIFICATION:

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



MATERIALS:

Component VANESSA-S **Type** Linear lens

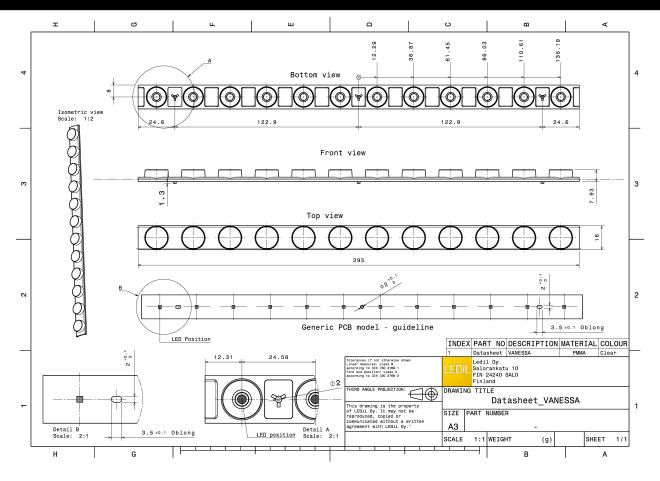
Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

Component C13454_VANESSA-S » Box size: 350 x 350 x 380 mm

Qty in box	MOQ	MPQ	Box weight (kg)
448	84	14	11.7

PRODUCT DATASHEET C13454_VANESSA-S



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



OPTICAL RESULTS (MEASURED):

Ø NICHI∕		30*
LED FWHM / FWTM	NF2x757A 17.0° / 43.0°	77
Efficiency	90 %	
LEDs/each optic	1	
Light colour	White	gr
Required compone	nts:	
		30 ⁴ 25 ⁵ 0 ⁴ 25 ⁵



OPTICAL RESULTS (SIMULATED):

Μ ΝΙCΗΙΛ		90°
LED	NVSxE21A	75*
FWHM / FWTM	16.0° / 31.0°	10
Efficiency	94 %	60*
Peak intensity	7.1 cd/lm	
LEDs/each optic	1	
Light colour	White	gr*
Required components:		
		6400
		300 300
OSRAM		90° 90°
Opto Semiconductors		90" 90"
LED FWHM / FWTM	Duris S5 (2 chip) 18.0° / 35.0°	75 - 75°
Efficiency	96 %	
Peak intensity	50 /s 7.1 cd/lm	age and
LEDs/each optic	1	320
Light colour	White	gr at
Required components:	White	
		6130
		30 30
		30° 45° 0° 15°
SAMSUN	IG	90* 90*
SAMSUN		90 ¹
LED	LH181A	75
LED FWHM / FWTM	LH181A 18.0° / 36.0°	
LED FWHM / FWTM Efficiency	LH181A	75
LED FWHM / FWTM Efficiency Peak intensity	LH181A 18.0° / 36.0° 95 %	75
LED FWHM / FWTM Efficiency	LH181A 18.0° / 36.0° 95 % 6.4 cd/lm	25- 300 75- 700 75- 75-
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH181A 18.0° / 36.0° 95 % 6.4 cd/lm 1	75 60 60 700 700 700 700 700 700 700 700 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH181A 18.0° / 36.0° 95 % 6.4 cd/lm 1	25- 200 25- 25-
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH181A 18.0° / 36.0° 95 % 6.4 cd/lm 1	5°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH181A 18.0° / 36.0° 95 % 6.4 cd/lm 1	75 55 60 60 70 70 70 70 70 70 70 70 70 70 70 70 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH181A 18.0° / 36.0° 95 % 6.4 cd/lm 1 White	75 60 60 700 700 700 700 700 700 700 700 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH181A 18.0° / 36.0° 95 % 6.4 cd/lm 1 White	75 60 60 60 60 60 60 60 60 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH181A 18.0° / 36.0° 95 % 6.4 cd/lm 1 White	75 60 60 60 60 60 60 60 60 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM	LH181A 18.0° / 36.0° 95 % 6.4 cd/lm 1 White I LH181B 18.0° / 32.0°	75 60 60 60 60 60 60 60 60 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency	LH181A 18.0° / 36.0° 95 % 6.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity	LH181A 18.0° / 36.0° 95 % 6.4 cd/lm 1 White Vhite LH181B 18.0° / 32.0° 96 % 7.9 cd/lm	75 60 60 60 60 60 60 60 60 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH181A 18.0° / 36.0° 95 % 6.4 cd/lm 1 White Vhite LH181B 18.0° / 32.0° 96 % 7.9 cd/lm 1	
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	LH181A 18.0° / 36.0° 95 % 6.4 cd/lm 1 White Vhite LH181B 18.0° / 32.0° 96 % 7.9 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH181A 18.0° / 36.0° 95 % 6.4 cd/lm 1 White Vhite LH181B 18.0° / 32.0° 96 % 7.9 cd/lm 1	
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	LH181A 18.0° / 36.0° 95 % 6.4 cd/lm 1 White Vhite LH181B 18.0° / 32.0° 96 % 7.9 cd/lm 1	
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	LH181A 18.0° / 36.0° 95 % 6.4 cd/lm 1 White Vhite LH181B 18.0° / 32.0° 96 % 7.9 cd/lm 1	



OPTICAL RESULTS (SIMULATED):

SEOUL SEOUL SEMICONDUCTOR		30°
LED	Z8Y22	77
FWHM / FWTM	20.0° / 39.0°	
Efficiency	95 %	
Peak intensity	4.3 cd/lm	2000
LEDs/each optic	1	
Light colour	White	gr (
Required component	ts:	220
		30' 25' 0' 10'



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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc. 228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd. # 405 , Block B **Casic Motor Building** Shenzhen 518057 P.R.CHINA

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/ where_to_buy

Last update: 13/02/2023 Subject to change without prior notice Published: 09/07/2019 LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.