

## **VANESSA-S**

~17° spot beam

## **SPECIFICATION:**

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



PRODUCT DATASHEET

C13454\_VANESSA-S

## MATERIALS:

**Component** VANESSA-S

## **Type** Linear lens

Material	Colour	Finish
PMMA	clear	

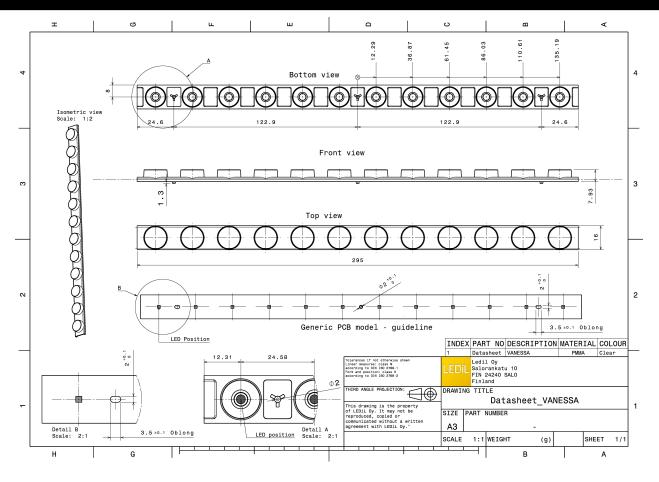
## **ORDERING INFORMATION:**

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

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# PRODUCT DATASHEET C13454\_VANESSA-S



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



## **OPTICAL RESULTS (MEASURED):**

ØNICHI/	<b>N</b>	90 <sup>4</sup>
LED FWHM / FWTM	NF2x757A 17.0° / 43.0°	
Efficiency	90 %	
LEDs/each optic	1	
Light colour	White	e <sup>r</sup>
Required compone	ents:	
		30" 30" 0" 10" 30"



## **OPTICAL RESULTS (SIMULATED):**

<b>Μ</b> 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 <sup>1</sup>
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 70 70 70 70 70 70 70 70 70 70 70 70 70
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 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 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: <b>SAMSUN</b> 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: <b>SAMSUN</b> 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: <b>SAMSUN</b> 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: <b>SAMSUN</b> 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: <b>SAMSUN</b> 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: <b>SAMSUN</b> 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	
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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSUN</b> 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:

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