

# PRODUCT DATASHEET CA13747\_KIKI-A

# KIKI-A

 ${\sim}165^\circ$  wide beam. Assembly with installation tape.

### **SPECIFICATION:**

Dimensions	21.6 x 14.0 mm
Height	5.9 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



### **MATERIALS:**

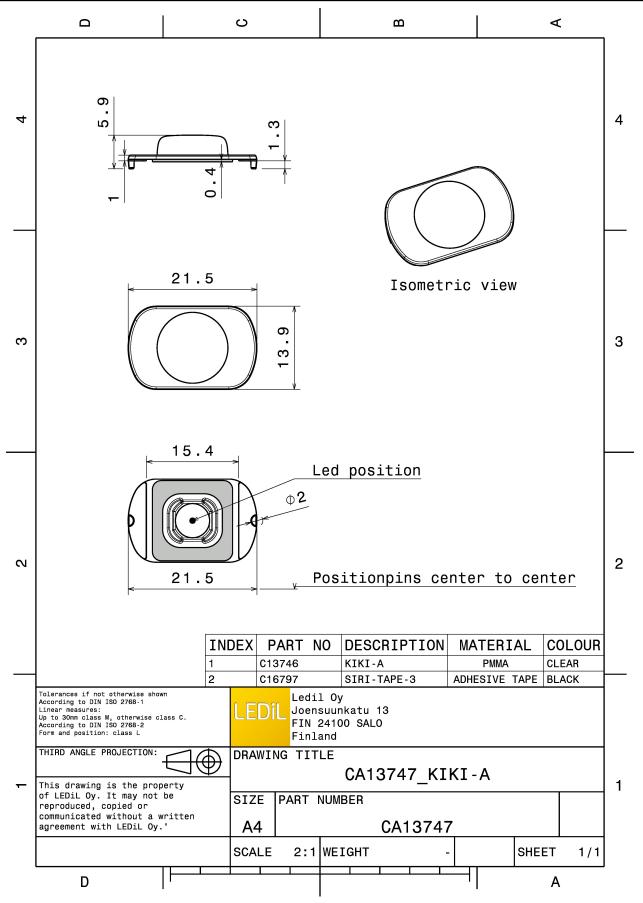
Component	Туре	Material	Colour	Finish
KIKI-A	Single lens	PMMA	clear	
SIRI-TAPE-3	Таре			

## **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13747_KIKI-A	Single lens	4032	378	126	3.5
» Box size: 451 x 254 x 152 mm					



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



# **OPTICAL RESULTS (MEASURED):**

🤭 LUMIL	EDS	
LED	LUXEON T	
FWHM / FWTM	162.0° / 183.0°	75* 75*
Efficiency	91 %	
Peak intensity	0.3 cd/lm	60 <sup>6</sup> 210 60 <sup>e</sup> .
LEDs/each optic	1	
Light colour	White	30
Required compone		
		400
		560
		30° 13° 30°
UMIL	EDS	
		90° 90°
	LUXEON TX	
FWHM / FWTM	162.0° / 185.0°	100
Efficiency	90 % 0.3 cd/lm	60° 60°.
Peak intensity		X/T X
LEDs/each optic	1 White	20
Light colour		·6'
Required compone	IIS.	400
		X   X
		200
		30* 13 <sup>*</sup> 0° 15* 30*
ØNICHI∕		
		90° 90°
	NVSxx19B/NVSxx19C	75 77
FWHM / FWTM	161.0° / 181.0° 88 %	100
Efficiency Peak intensity	0.3 cd/lm	.60° 60°.
LEDs/each optic	1	X/T X
Light colour	' White	300
Required compone		45. 42.
Required compone		400
		$\times$ / $\times$ /
		500
		30° 15 <sup>2</sup> 0° 15° 30°
OSRAM		
Opto Semiconductors	OSLON Square DC	90* 90*
	OSLON Square PC 161.0° / 180.0°	750 100 75°
FWHM / FWTM		
Efficiency	88 %	.005 200 601
Peak intensity	88 % 0.3 cd/lm	6) <sup>4</sup> 200 (2 <sup>4</sup> )
Peak intensity LEDs/each optic	88 % 0.3 cd/lm 1	60 <sup>4</sup> 200 67.
Peak intensity LEDs/each optic Light colour	88 % 0.3 cd/lm 1 White	61° <u>200</u> 60° 60° 60°
Peak intensity LEDs/each optic	88 % 0.3 cd/lm 1 White	60° 200 60° 40° 200 700 70°
Peak intensity LEDs/each optic Light colour	88 % 0.3 cd/lm 1 White	0 <sup>1</sup> 200 0 <sup>1</sup>
Peak intensity LEDs/each optic Light colour	88 % 0.3 cd/lm 1 White	6)* <u>200</u> 6)* 5* <u>400</u> 550
Peak intensity _EDs/each optic _ight colour	88 % 0.3 cd/lm 1 White	60° <u>200</u> 60°. 50° <u>60°</u> 60°. 50° <u>60°</u> 60°.



# **OPTICAL RESULTS (SIMULATED):**

		90* 90*
LED	J Series 2835	
EUD FWHM / FWTM	158.0° / 171.0°	73°
	95 %	
Efficiency	95 % 0.3 cd/lm	50* 200 80*
Peak intensity		
LEDs/each optic	1	
Light colour Required components:	White	45* 460
Required components:		X / T / X
		500
		30° 25 <sup>3</sup> 0° 15° 30°
		90* 90*
LED	J Series 3030	740 100 740
FWHM / FWTM	155.0° / 167.0°	
Efficiency	94 %	80° 200 60°.
Peak intensity	0.4 cd/lm	300
LEDs/each optic	1	$\times \times \square \times \times$
Light colour	White	45* 400 45*
Required components:		500
		X/T/X
		× + ***
		30* <u>30</u> * <u>70</u> 0 <u>10</u> * <u>30</u> *
MICHIA		
MICHIΛ		92
LED	NFSx757G	92° 73° 100 92°
LED FWHM / FWTM	158.0° / 170.0°	92* 72* 100 72*
LED FWHM / FWTM Efficiency	158.0° / 170.0° 95 %	
LED FWHM / FWTM Efficiency Peak intensity	158.0° / 170.0° 95 % 0.3 cd/lm	94° 94° 94° 75° 100 75° 80° 60×
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	158.0° / 170.0° 95 % 0.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	158.0° / 170.0° 95 % 0.3 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	158.0° / 170.0° 95 % 0.3 cd/lm 1	90° 73° 60° 52° 60° 73° 60° 60° 60° 60° 60° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	158.0° / 170.0° 95 % 0.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	158.0° / 170.0° 95 % 0.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	158.0° / 170.0° 95 % 0.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	158.0° / 170.0° 95 % 0.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	158.0° / 170.0° 95 % 0.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	158.0° / 170.0° 95 % 0.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COSRAM Opto Semiconductors LED FWHM / FWTM	158.0° / 170.0° 95 % 0.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 166.0° / 180.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>OSRAM</b> Opto Semiconductors LED FWHM / FWTM Efficiency	158.0° / 170.0° 95 % 0.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 166.0° / 180.0° 93 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SOSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	158.0° / 170.0° 95 % 0.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 166.0° / 180.0° 93 % 0.3 cd/lm	
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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	158.0° / 170.0° 95 % 0.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 166.0° / 180.0° 93 % 0.3 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	158.0° / 170.0° 95 % 0.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 166.0° / 180.0° 93 % 0.3 cd/lm 1	
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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	158.0° / 170.0° 95 % 0.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 166.0° / 180.0° 93 % 0.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	158.0° / 170.0° 95 % 0.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 166.0° / 180.0° 93 % 0.3 cd/lm 1	200



# **OPTICAL RESULTS (SIMULATED):**

SAMSU	NG	80*
LED	LM28xB Series	
FWHM / FWTM	157.0° / 172.0°	72 500 7
Efficiency	96 %	
Peak intensity	0.3 cd/lm	50' 200 6
LEDs/each optic	1	
Light colour	White	85
Required components		
		50
		30° 500 30 23° 0° 15°
SAMSU	NG	
LED	LM301B	90 <sup>+</sup> 90
FWHM / FWTM	158.0° / 170.0°	73 100 78
Efficiency	94 %	
Peak intensity	94 % 0.3 cd/lm	50" 20 6
	1	
LEDs/each optic Light colour	ı White	
Required components		ers etc
Required components	<i>.</i>	$\times$
		30
		30* 20 <sup>*</sup> 15* 30
SEOUL		
SEOUL SEMICONDUCTOR		8 <sup>th</sup> 8
LED	Z8Y11	754 100 77
FWHM / FWTM	152.0° / 165.0°	
Efficiency	93 %	50 <sup>-4</sup>
Peak intensity	0.4 cd/lm	$\times$
LEDs/each optic	1	
Light colour	White	
Required components		30
		50
		30 <sup>+</sup> re <sup>2</sup> d <sup>0</sup>



### **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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