

# LEILA-SC-M

~25° wide beam

## **SPECIFICATION:**

Dimensions	Ø 21.6 mm
Height	14.9 mm
Fastening	clips
ROHS compliant	yes 🛈



PRODUCT DATASHEET CP17589\_LEILA-SC-M

### **MATERIALS:**

Component LXP2-M LEILA-SC-HLD

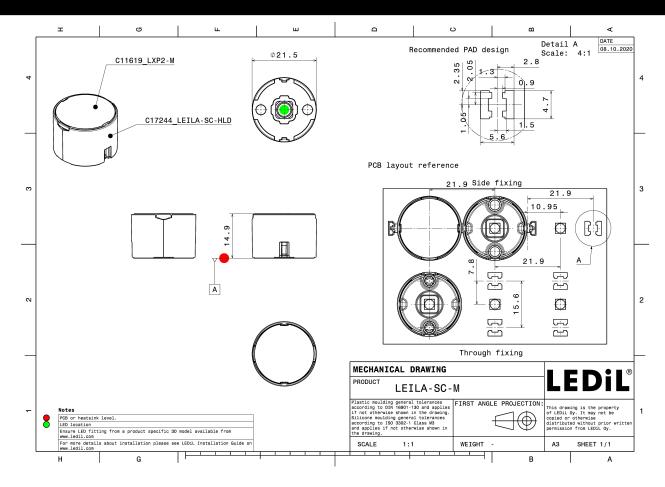
# **Type** Single lens Holder

Material	Colour	Finish
PMMA	clear	
PC	black	

## **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP17589_LEILA-SC-M	Single lens	1680	336	112	7.7
» Box size: 480 x 280 x 300 mm					

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



# **OPTICAL RESULTS (SIMULATED):**

CREE ≑		90° 90°
LEDS	J Series 2835	
FWHM / FWTM	26.0° / 47.0°	73*
Efficiency	90 %	
Peak intensity	30 % 3.8 cd/lm	60*
	1	
LEDs/each optic Light colour	White	5°
Required components:	Wille	200
Required components.		
		330
		30° 4000 30° 30°
		90* 99*
LED	XP-G3	
FWHM / FWTM	26.0° / 46.0°	75* 75*
Efficiency	93 %	
Peak intensity	3.9 cd/lm	60°
LEDs/each optic	1	
Light colour	White	er er
Required components:	Wille	
Required components.		
		200
		30° 30° 30° 30°
		15° 0° 15°
	)S	90 <sup>4</sup> 90 <sup>4</sup> 90 <sup>4</sup>
		99 <sup>4</sup> 99 <sup>4</sup> 39 <sup>7</sup>
LED	LUXEON C	39 <sup>1</sup> 39 <sup>2</sup> 39 <sup>1</sup> 39 <sup>2</sup>
LED FWHM / FWTM	LUXEON C 26.0° / 41.0°	99 <sup>4</sup>
LED FWHM / FWTM Efficiency	LUXEON C 26.0° / 41.0° 86 %	99 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity	LUXEON C 26.0° / 41.0° 86 % 4.3 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON C 26.0° / 41.0° 86 % 4.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 26.0° / 41.0° 86 % 4.3 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON C 26.0° / 41.0° 86 % 4.3 cd/lm 1	91 <sup>4</sup> 100 100 100 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 26.0° / 41.0° 86 % 4.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 26.0° / 41.0° 86 % 4.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON C 26.0° / 41.0° 86 % 4.3 cd/lm 1	9 <sup>1</sup> 9 <sup>1</sup> 9 <sup>1</sup> 9 <sup>1</sup> 9 <sup>1</sup> 9 <sup>1</sup> 9 <sup>1</sup> 9 <sup>1</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON C 26.0° / 41.0° 86 % 4.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON C 26.0° / 41.0° 86 % 4.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED	LUXEON C 26.0° / 41.0° 86 % 4.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	LUXEON C 26.0° / 41.0° 86 % 4.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	LUXEON C 26.0° / 41.0° 86 % 4.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 26.0° / 43.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	LUXEON C 26.0° / 41.0° 86 % 4.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 26.0° / 43.0° 91 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON C 26.0° / 41.0° 86 % 4.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 26.0° / 43.0° 91 % 4.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Optic Semiconductors LED FWHM / FWTM Efficiency Peak intensity	LUXEON C 26.0° / 41.0° 86 % 4.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 26.0° / 43.0° 91 % 4.2 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Optic Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 26.0° / 41.0° 86 % 4.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 26.0° / 43.0° 91 % 4.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON C 26.0° / 41.0° 86 % 4.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 26.0° / 43.0° 91 % 4.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON C 26.0° / 41.0° 86 % 4.3 cd/lm 1 White OSLON Square CSSRM2/CSSRM3 26.0° / 43.0° 91 % 4.2 cd/lm 1	



# **OPTICAL RESULTS (SIMULATED):**

OSRAM Opto Semiconductors		50* 50*
LED	OSLON SSL 150	73*
FWHM / FWTM	26.0° / 41.0°	
Efficiency	92 %	500 500 500 F
Peak intensity	4.7 cd/lm	$\wedge$ $/$ $/$ $\wedge$ $\wedge$ $\wedge$ $\wedge$
LEDs/each optic	1	
Light colour	White	43* 43*
Required components:		3230
		300 480 300
		15° 0° 15°
		90* 50*
SECUL SEMICONDUCTOR	Z5M4	
SEOUL SEMICONDUCTOR	Z5M4 26.0° / 48.0°	30. 30. 30. 30. 30. 30. 30. 30.
SEOUL SEMICONDUCTOR		75
seoul semiconductor LED FWHM / FWTM	26.0° / 48.0°	37
seoul semiconductor LED FWHM / FWTM Efficiency	26.0° / 48.0° 92 %	57
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	26.0° / 48.0° 92 % 3.7 cd/lm	77 00 00 00 00 00 00 00 00 00 00 00 00
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	26.0° / 48.0° 92 % 3.7 cd/lm 1	57°
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	26.0° / 48.0° 92 % 3.7 cd/lm 1	5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 6. 6. 6. 6.
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic Light colour	26.0° / 48.0° 92 % 3.7 cd/lm 1	77 00 00 00 00 00 00 00 00 00 00 00 00 0
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	26.0° / 48.0° 92 % 3.7 cd/lm 1	5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 6. 6. 6. 6.



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### **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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