

# LISA4-WWW

~60° spot beam with integrated pins on lens

## **SPECIFICATION:**

Dimensions	Ø 10.0 mm
Height	7.7 mm
Fastening	pin
ROHS compliant	yes 🛈



### **MATERIALS:**

Component LISA4-WWW **Type** Single lens

Material	Colour	Finish
PMMA	clear	

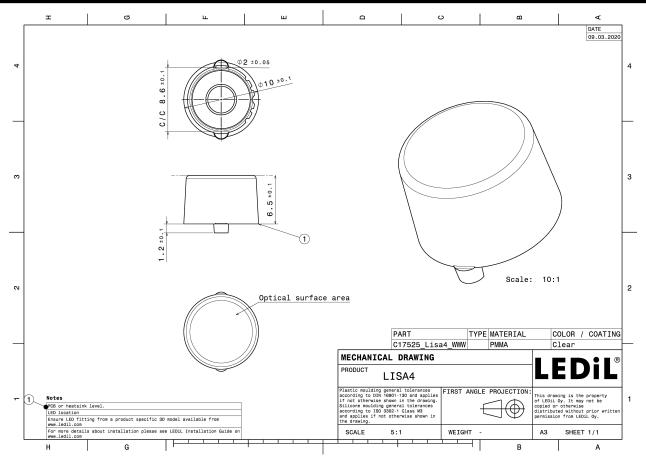
### **ORDERING INFORMATION:**

Component C17525\_LISA4-WWW » Box size: 430 x 390 x 215 mm

Qty in box	MOQ	MPQ	Box weight (kg)
20000	1000	1000	7.5



PRODUCT DATASHEET C17525\_LISA4-WWW



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



CREE LED   LED XP-E2   FWHM / FWTM 57.0° / 82.   Efficiency 96 %   Peak intensity 1 cd/lm   LEDs/each optic 1   Light colour White   Required components: Vhite   LED XP-G2   FWHM / FWTM 58.0° / 88.   Efficiency 95 %   Peak intensity 1 cd/lm
Efficiency 96 %   Peak intensity 1 cd/lm   LEDs/each optic 1   Light colour White   Required components: Vhite   LED XP-G2   FWHM / FWTM 58.0° / 88.   Efficiency 95 %
Peak intensity 1 cd/lm   LEDs/each optic 1   Light colour White   Required components: Vhite   LED XP-G2   FWHM / FWTM 58.0° / 88.   Efficiency 95 %
LEDs/each optic 1 Light colour White Required components: LED XP-G2 FWHM / FWTM 58.0° / 88. Efficiency 95 %
Light colour White Required components:
Required components: LED XP-G2 FWHM / FWTM 58.0° / 88. Efficiency 95 %
CREE LED   LED XP-G2   FWHM / FWTM 58.0° / 88.   Efficiency 95 %
LED   XP-G2     FWHM / FWTM   58.0° / 88.     Efficiency   95 %
LED   XP-G2     FWHM / FWTM   58.0° / 88.     Efficiency   95 %
LED   XP-G2     FWHM / FWTM   58.0° / 88.     Efficiency   95 %
LED   XP-G2     FWHM / FWTM   58.0° / 88.     Efficiency   95 %
FWHM / FWTM   58.0° / 88.     Efficiency   95 %
Efficiency 95 %
-
LEDs/each optic 1
Light colour White
Required components:
····
LED XP-G3
LED XP-G3
LED XP-G3 FWHM / FWTM 62.0° / 96.
LED   XP-G3     FWHM / FWTM   62.0° / 96.     Efficiency   94 %
LEDXP-G3FWHM / FWTM62.0° / 96.Efficiency94 %Peak intensity0.8 cd/lm
LEDXP-G3FWHM / FWTM62.0° / 96.Efficiency94 %Peak intensity0.8 cd/lmLEDs/each optic1
LEDXP-G3FWHM / FWTM62.0° / 96.Efficiency94 %Peak intensity0.8 cd/lmLEDs/each optic1Light colourWhite
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LED XP-G3 FWHM / FWTM 62.0° / 96. Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:
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LED XP-G3 FWHM / FWTM 62.0° / 96. Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:
LED XP-G3   FWHM / FWTM 62.0° / 96.   Efficiency 94 %   Peak intensity 0.8 cd/lm   LEDs/each optic 1   Light colour White   Required components: White   LED LUXEON I   FWHM / FWTM 29.0° / 60.   Efficiency 97 %   Peak intensity 2.3 cd/lm
LED XP-G3   FWHM / FWTM 62.0° / 96.   Efficiency 94 %   Peak intensity 0.8 cd/lm   LEDs/each optic 1   Light colour White   Required components: White   EED LUXEON I   FWHM / FWTM 29.0° / 60.   Efficiency 97 %   Peak intensity 2.3 cd/lm   LEDs/each optic 1
LED XP-G3   FWHM / FWTM 62.0° / 96.   Efficiency 94 %   Peak intensity 0.8 cd/lm   LEDs/each optic 1   Light colour White   Required components: White   EED LUXEON I   FWHM / FWTM 29.0° / 60.   Efficiency 97 %   Peak intensity 2.3 cd/lm   LED/each optic 1   Light colour White
LED XP-G3   FWHM / FWTM 62.0° / 96.   Efficiency 94 %   Peak intensity 0.8 cd/lm   LEDs/each optic 1   Light colour White   Required components: White   EED LUXEON I   FWHM / FWTM 29.0° / 60.   Efficiency 97 %   Peak intensity 2.3 cd/lm   LEDs/each optic 1
LED XP-G3   FWHM / FWTM 62.0° / 96.   Efficiency 94 %   Peak intensity 0.8 cd/lm   LEDs/each optic 1   Light colour White   Required components: White   EED LUXEON I   FWHM / FWTM 29.0° / 60.   Efficiency 97 %   Peak intensity 2.3 cd/lm   LED/each optic 1   Light colour White
LED XP-G3 FWHM / FWTM 62.0° / 96. Efficiency 94 % Peak intensity 0.8 cd/m LEDs/each optic 1 Light colour White Required components:



	DS		90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON HL2X 53.0° / 86.0° 93 % 1.1 cd/lm 1 White		30 10 10 10 10 10 10 10 10 10 10 10 10 10
	)S		90 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON TX 57.0° / 88.0° 95 % 1 cd/lm 1 White		75 00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	SST-10-IR-B90 42.0° / 72.0° 94 % 1 IR	Pelar intensity graph	5 <sup>1</sup> 5 <sup>1</sup> 6 <sup>1</sup> 5 <sup>1</sup> 6 <sup>1</sup> 6 <sup>1</sup> 6 <sup>1</sup> 6 <sup>1</sup> 6 <sup>1</sup> 6 <sup>1</sup> 6 <sup>1</sup> 6
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NCSxE17A 35.0° / 68.0° 95 % 1.8 cd/lm 1 White		



<b>ΜΝΙCΗΙΛ</b>		90°
LED	NVSW219F	
FWHM / FWTM	64.0° / 97.0°	73*
Efficiency	94 %	
Peak intensity	0.9 cd/lm	50°
LEDs/each optic	1	40
Light colour	White	gr
Required components:		
		No
		15° 0° 15°
OSRAM Opto Semiconductors		90° 90°
LED	OSCONIQ C 2424	
FWHM / FWTM	44.0° / 76.0°	24.
Efficiency	96 %	400
Peak intensity	1.5 cd/lm	$\sim$ $\sim$ $\sim$ $\sim$
LEDs/each optic	1	
Light colour	White	¢ / / *
Required components:		
		1200
		30* 30* 30*
		15° 1690 15°
OSRAM		
OSRAM Opto Semiconductors		90° 90°
LED	OSLON Square CSSRM2/CSSRM3	3 <sup>1</sup> 9 <sup>1</sup>
LED FWHM / FWTM	53.0° / 86.0°	31 22
LED FWHM / FWTM Efficiency	53.0° / 86.0° 95 %	64 00 00 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity	53.0° / 86.0° 95 % 1 cd/lm	59 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	53.0° / 86.0° 95 % 1 cd/lm 1	59 <sup>4</sup> 50 <sup>2</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	53.0° / 86.0° 95 % 1 cd/lm	51 <sup>4</sup> 55 <sup>4</sup> 55 <sup>4</sup> 60 <sup>4</sup> 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	53.0° / 86.0° 95 % 1 cd/lm 1	g. g. 91 92 400 57 57 57 57 57 57 57 57 57 57
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	53.0° / 86.0° 95 % 1 cd/lm 1	55* 57 65* 60 60 60 60 60 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	53.0° / 86.0° 95 % 1 cd/lm 1	mayor
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	53.0° / 86.0° 95 % 1 cd/lm 1	20- 20- 20- 20- 20- 20- 20- 20-
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	53.0° / 86.0° 95 % 1 cd/lm 1	and the second s
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	53.0° / 86.0° 95 % 1 cd/lm 1 White	and the second s
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED	53.0° / 86.0° 95 % 1 cd/lm 1 White OSLON Square EC	an manager and
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OPTO Semiconductors LED FWHM / FWTM	53.0° / 86.0° 95 % 1 cd/lm 1 White OSLON Square EC 51.0° / 84.0°	an manager and
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OBSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	53.0° / 86.0° 95 % 1 cd/lm 1 White OSLON Square EC 51.0° / 84.0° 95 %	an manager and
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	53.0° / 86.0° 95 % 1 cd/lm 1 White OSLON Square EC 51.0° / 84.0°	and the second s
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	53.0° / 86.0° 95 % 1 cd/lm 1 White OSLON Square EC 51.0° / 84.0° 95 % 1.1 cd/lm 1	and the second s
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	53.0° / 86.0° 95 % 1 cd/lm 1 White OSLON Square EC 51.0° / 84.0° 95 % 1.1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	53.0° / 86.0° 95 % 1 cd/lm 1 White OSLON Square EC 51.0° / 84.0° 95 % 1.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	53.0° / 86.0° 95 % 1 cd/lm 1 White OSLON Square EC 51.0° / 84.0° 95 % 1.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	53.0° / 86.0° 95 % 1 cd/lm 1 White OSLON Square EC 51.0° / 84.0° 95 % 1.1 cd/lm 1	



SAMSU	NG	50° 50°
LED	LH351B	27
FWHM / FWTM	57.0° / 93.0°	
Efficiency	95 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	er la ex
Required componen	IS:	30° 30° 30°



#### **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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