

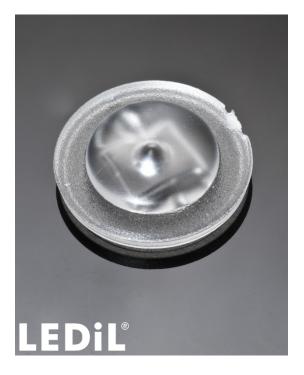
PRODUCT DATASHEET F11947_JULIA-A

JULIA-A

~90° + 160° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 18.9 mm
Height	4.7 mm
Fastening	glue, pin
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component JULIA-A **Type** Single lens

Qty in box

4500

Material	Colour	Finish
PMMA	clear	

MPQ

500

Box weight (kg)

7.9

MOQ

1000

ORDERING INFORMATION:

Component F11947_JULIA-A » Box size: 470 x 235 x 270 mm



PRODUCT DATASHEET F11947_JULIA-A

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4	Isometric	view			Bottom vi	ew				4
ю		<u>C1</u>	4481_Tina	99.4 4.		0.15				З
2	Material: PMMA Part no.s: Lens: F11947_Julia Assembly: FA11948_,	Julia-A-ta			Top view	018	.86			2
-	(F11947_Julia-A + 0 This drawing is our It can't be reprodu- or communicated wit our written agreeme DRAWN BY mav CHECKED BY tk DESIGNED BY ol D	property. ced hout	DRAWING SIZE DI A4		Finland	katu 13 00 SALO Ulia-	- A L		REV 1 1/1	1

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



PHOTOMETRIC DATA (MEASURED):

	5		
LED	XP-E		
FWHM / FWTM	164.0°		
Efficiency	90 %		
Peak intensity	0.2 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required component			
LED	XP-G		
FWHM / FWTM	166.0°		
Efficiency	90 %		
Peak intensity	0.2 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required compone	nts:		
UMIL	EDS		
LED	LUXEON Rebel		
FWHM / FWTM	154.0°		
Efficiency	90 %		
Peak intensity	0.3 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required component	nts:		
	FDS		
			90*
	LUXEON Rebel ES		75 50 77:
FWHM / FWTM	163.0°		100
Efficiency	90 %		50°*50*60*.
Peak intensity	0.2 cd/lm		200
LEDs/each optic	1		20
Light colour	White		45° 300 43°
Required component	nts:		
			40
			450
			30 *
			15' 30 15'



PHOTOMETRIC DATA (MEASURED):

∕∕ NICHI∧		
LED	NCSxx19A	
FWHM / FWTM	156.0°	
Efficiency	90 %	
Peak intensity	0.2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
LED	NVSxx19A	
FWHM / FWTM	159.0°	
Efficiency	90 %	
Peak intensity	0.2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
OSRAM Opto Semiconductors LED	OSLON Square PC	 90 ⁺ 99
FWHM / FWTM	165.0° / 185.0°	
Efficiency	93 %	
	0.3 cd/lm	.654 60
	0.0 00/111	
Peak intensity	1	
LEDs/each optic	1 White	
LEDs/each optic Light colour	White	67 30 6
LEDs/each optic	White	401 - 200 - 60 160
LEDs/each optic Light colour	White	er 200 100
LEDs/each optic Light colour	White	
LEDs/each optic Light colour Required compone	White	 50 ⁴ 300 60 100 30 ⁵ 200 30 ⁵ 200 30 ⁵ 300
LEDs/each optic Light colour Required compone	White nts:	 30 ¹ 22 ³ 0 ² 23 ³ 30
LEDs/each optic Light colour Required compone	White nts: OSLON SSL 150	 6° 200 60 30° 20' 0° 10° 30°
LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM	White nts: OSLON SSL 150 159.0°	 60° -30° -30° -30° -30° -30° -30° -30° -3
LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	White nts: OSLON SSL 150 159.0° 90 %	30 ⁴ 20 ⁴ 13 ⁴ 30
LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	White nts: OSLON SSL 150 159.0° 90 % 0.3 cd/lm	60° 30° <u>20°</u> 30° <u>13°</u> 30
LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	White nts: OSLON SSL 150 159.0° 90 % 0.3 cd/lm 1	50° - 30° -
LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White nts: OSLON SSL 150 159.0° 90 % 0.3 cd/lm 1 White	60 50 [°] 10 [°] 10 [°] 10 [°]
LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	White nts: OSLON SSL 150 159.0° 90 % 0.3 cd/lm 1 White	



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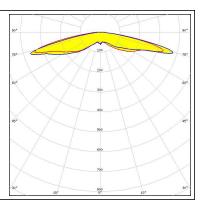
SLON SSL 80 8.0°
8.0°
%
2 cd/lm
hite
0.0°
0.0°
0.0° %
0.0°
0.0° % 3 cd/lm
0.0° %
0.0° % 3 cd/lm
0.0° % 3 cd/lm
0.0° % 3 cd/lm
2 cd/



PHOTOMETRIC DATA (SIMULATED):

ΜΝΙCΗΙΛ

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: NF2W757G-MT (Tunable White) 158.0 + 160.0° / 170.0 + 172.0° 94 % 0.4 cd/lm 1 Tunable White





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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