

JULIA-A

 ${\sim}90^\circ$ + 160° wide beam. Assembly with installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 18.8 mm
Height	4.8 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component JULIA-A TINA-TAPE3

Туре	M
Single lens	PI
Таре	Ac

Colour	Finish
clear	
black	
	clear

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11948_JULIA-A	Single lens	2850	300	150	3.7
» Box size:					



PRODUCT DATASHEET FA11948_JULIA-A

	Ω		C		В		<	_
4	Isometric	view			8.6 Bottom view	2		4
က		<u>C1</u>	4481_Tina-'	99.4 4	3 m 3 c 6 Front view	0.15		3
N	Material: PMMA Part no.s: Lens: F11947_Julia Assembly: FA11948_ (F11947_Julia-A + 0	Julia-A-ta	De a-tane3)		Top view	18.86		2
-	This drawing is our It can't be reprodu or communicated wit our written agreeme DRAWN BY mav CHECKED BY tk DESIGNED BY ol	property. ced hout	DRAWING SIZE DRA		Ledil Oy Tehdaskatu FIN-24100 SA Finland LE Datasheet Jul IG NUMBER F11947 WEIGHT(g)	ALO	-ens REV 1 SHEET 1/1 A	1

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



PHOTOMETRIC DATA (MEASURED):

	D			
LED	XP-E			
FWHM / FWTM	164.0°			
Efficiency	90 %			
Peak intensity	0.2 cd/lm			
LEDs/each optic	1			
Light colour	White			
Required compone				
	ino.			
CREE 🗧 LEI	D			
LED	XP-G			
FWHM / FWTM	166.0°			
Efficiency	90 %			
Peak intensity	0.2 cd/lm			
LEDs/each optic	1			
Light colour	White			
Required compone	ents:			
CREE÷ LE	D		90°	50°
LED	XP-G3			2
FWHM / FWTM	166.0° / 187.0°		75. 🤇	100 - 75.
Efficiency	85 %			120
Peak intensity	0.2 cd/lm		618	200
LEDs/each optic	1			
Light colour	White		45*	
Required compone	ents:			
				200
				400
				450
			/30*	15 ⁵ 0 ⁶ 15 ⁴ 30 ⁴
	.EDS			
LED	LUXEON Rebel			
FWHM / FWTM	154.0°			
Efficiency	90 %			
Peak intensity	0.3 cd/lm			
LEDs/each optic	1			
Light colour	White			
Required compone	ents:			



PHOTOMETRIC DATA (MEASURED):

LED	LUXEON Rebel ES	
FWHM / FWTM	163.0°	
Efficiency	90 %	
Peak intensity	0.2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

ØNICHIΛ

LED	NCSxx19A	
FWHM / FWTM	156.0°	
Efficiency	90 %	
Peak intensity	0.2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

ΜΝΙCΗΙΛ

 LED
 NVSW219F

 FWHM / FWTM
 166.0° / 186.0°

 Efficiency
 82 %

 Peak intensity
 0.2 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 1

*Μ***ΝΙCΗΙΛ**

LED	NVSxx19A	
FWHM / FWTM	159.0°	
Efficiency	90 %	
Peak intensity	0.2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		



PHOTOMETRIC DATA (MEASURED):

Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON SSL 150 159.0° 90 % 0.3 cd/lm 1 White nts:	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON SSL 80 158.0° 90 % 0.2 cd/lm 1 White nts:	
stout semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z5 160.0° 86 % 0.2 cd/lm 1 White nts:	



PHOTOMETRIC DATA (SIMULATED):

		89 ⁴ 99 ⁴
LED	J Series 2835	700 700
FWHM / FWTM	155.0° / 169.0°	$\Lambda X X / \Lambda X X / \Lambda$
Efficiency	93 %	50° 50°
Peak intensity	0.4 cd/lm	20
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required components:		
		600
		30* 700 30*
		112 ₂ 0 ₄ 12 ₂
		90* 90*
LED	J Series 3030	731 300 75*
FWHM / FWTM	153.0° / 166.0°	
Efficiency	93 %	50%
Peak intensity	0.4 cd/lm	X
LEDs/each optic	1	
Light colour	White	45°
Required components:		500
		600
		30* 700 30*
		90* 90*
	XP-G2 HE	750 100 70
FWHM / FWTM	162.0° / 180.0°	
Efficiency	89 %	.60 ⁺ 200 60 ⁺
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour	White	400 GT*
Required components:		
		500
		500
		30 ⁴ 15 ⁵ 0 ⁶ 15 ⁴ 30 ⁴
	05	
		90* 90*
LED		75°
ED FWHM / FWTM	LUXEON IR Compact 141.0° / 167.0°	100
		60° () 60°.
Efficiency	97 %	
LEDs/each optic	1	200
Light colour	IR	-6°
Required components:		
		300
		\times / \land \times
		30° 11 ³ 400 11° 30°
		49 V 10



PHOTOMETRIC DATA (SIMULATED):

SAMSU	NG	50° 50°
LED	LM301B	
FWHM / FWTM	156.0° / 172.0°	75° 100 77'
Efficiency	90 %	20
Peak intensity	0.3 cd/lm	lot ^e ier.
LEDs/each optic	1	30
Light colour	White	6° 40 6°
Required component	S:	\times/\top
		70
		000
		30* 25° 95 25° 34*



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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