

# **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

Material	Colour	Finish
PMMA	clear	

## **ORDERING INFORMATION:**

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

Qty in box	MOQ	MPQ	Box weight (kg)
4500	1000	500	7.9



# PRODUCT DATASHEET F11947\_JULIA-A

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4	Isometric	view			8. OC Bottom		r			4
					DOLLON	I VIEW				
ю		<u>C1</u>	<u>4481_Tina</u> -	<b>99.</b>	Front	view	0.15			3
2	Material: PMMA Part no.s: Lens: F11947_Julia Assembly: FA11948_ (E11947_Julia A +	Julia-A-tap	0e		Top v		18.86			2
-	(F11947_Julia-A + T This drawing is our It can't be reprodu or communicated wit our written agreeme DRAWN BY mav CHECKED BY tk DESIGNED BY 01	property. ced hout	DRAWING SIZE DR A4		LE Datashee	edil Oy Tehdaskatu 1 FIN-24100 SAL Finland t Juli 947	_0		REV 1 1/1	1
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See also our general installation guide: <u>www.ledil.com/installation\_guide</u>



# PHOTOMETRIC DATA (MEASURED):

CREE -				
LED	XP-E			
FWHM / FWTM	164.0°			
Efficiency	90 %			
Peak intensity	0.2 cd/lm			
LEDs/each optic	1			
Light colour	White			
Required compone				
Required compone	cinto.			
<b>CREE</b>				
LED	XP-G			
FWHM / FWTM	166.0°			
Efficiency	90 %			
Peak intensity	0.2 cd/lm			
LEDs/each optic	1			
Light colour	White			
Required compone				
	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:			
	FDS	 		
			90*	90*
LED	LUXEON Rebel ES		750	50 75°
FWHM / FWTM	163.0°			100
Efficiency	90 %			150 604
Peak intensity	0.2 cd/lm			200
LEDs/each optic	1			-20
Light colour	White		45*	300 45*
Required compone	ents:			30
			$\times$	400
			XX	450
			30*	500 10° 30°
			15°	- 15°



# PHOTOMETRIC DATA (MEASURED):

FWHM / FWTM   159.0°     Efficiency   90 %     Peak intensity   0.2 cd/lm     LEDs/each optic   1     Light colour   White     Required components:   Vertex (Second Second Secon	A Square PC 185.0°
Efficiency 90 % Peak intensity 0.2 cd/lm LEDs/each optic 1 Light colour White Required components:	ЭА I Square PC 185.0°
Peak intensity 0.2 cd/lm LEDs/each optic 1 Light colour White Required components:	9Α Γ Square PC 185.0°
LEDs/each optic 1 Light colour White Required components:	9Α Γ Square PC 185.0°
Light colour White Required components:	Square PC 185.0°
Required components:	Square PC 185.0°
Image: Constraint of the system     LED   NVSxx19     FWHM / FWTM   159.0°     Efficiency   90 %     Peak intensity   0.2 cd/lm     LEDs/each optic   1     Light colour   White     Required components:   Vite     Opper Semiconductors   SUSCON 2     ED   OSLON 3     FWHM / FWTM   165.0° / 7     Efficiency   93 %     Peak intensity   0.3 cd/lm     LEDs/each optic   1     Light colour   White	Square PC 185.0°
LED NVSx15 FWHM / FWTM 159.0° Efficiency 90 % Peak intensity 0.2 cd/lm LEDs/each optic 1 Light colour White Required components:	Square PC 185.0°
LED NVSx15 FWHM / FWTM 159.0° Efficiency 90 % Peak intensity 0.2 cd/lm LEDs/each optic 1 Light colour White Required components:	Square PC 185.0°
LED NVSx15 FWHM / FWTM 159.0° Efficiency 90 % Peak intensity 0.2 cd/lm LEDs/each optic 1 Light colour White Required components:	Square PC 185.0°
FWHM / FWTM   159.0°     Efficiency   90 %     Peak intensity   0.2 cd/lm     LEDs/each optic   1     Light colour   White     Required components:   Vertex     Option Semiconductors     LED   OSLON 3     FWHM / FWTM   165.0° / 1     Efficiency   93 %     Peak intensity   0.3 cd/lm     LEDs/each optic   1     Light colour   White	Square PC 185.0°
FWHM / FWTM   159.0°     Efficiency   90 %     Peak intensity   0.2 cd/lm     LEDs/each optic   1     Light colour   White     Required components:   Vertex     Option Semiconductors     LED   OSLON 3     FWHM / FWTM   165.0° / 1     Efficiency   93 %     Peak intensity   0.3 cd/lm     LEDs/each optic   1     Light colour   White	Square PC 185.0°
Efficiency 90 % Peak intensity 0.2 cd/lm LEDs/each optic 1 Light colour White Required components:	Square PC 185.0°
Peak intensity 0.2 cd/lm LEDs/each optic 1 Light colour White Required components:	Square PC 185.0°
Light colour White Required components:	185.0°
Required components: OSRAM Opto Semiconductors LED OSLON 5 FWHM / FWTM 165.0° / 7 Efficiency 93 % Peak intensity 0.3 cd/lm LEDS/each optic 1 Light colour White	185.0°
OSRAM       Opto Semiconductors       LED     OSLON 5       FWHM / FWTM     165.0° / 7       Efficiency     93 %       Peak intensity     0.3 cd/lm       LEDs/each optic     1       Light colour     White	185.0°
opto Semiconductors   LED OSLON 3   FWHM / FWTM 165.0° / '   Efficiency 93 %   Peak intensity 0.3 cd/lm   LEDs/each optic 1   Light colour White	185.0°
Light colour White	
-	
	40
	$\times$ / $\times$
	50° 50 50 X
OSRAM Opto Semiconductors	
LED OSLON	SSL 150
FWHM / FWTM 159.0°	
Efficiency 90 %	
Peak intensity 0.3 cd/lm	
LEDs/each optic 1	
Light colour White	
Required components:	



# PHOTOMETRIC DATA (MEASURED):

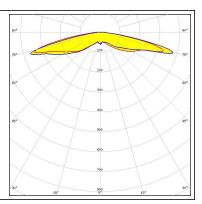
OSRAM Opto Semiconductors	
LED	OSLON SSL 80
FWHM / FWTM	158.0°
Efficiency	90 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour	White
Required compone	nts:
SEOUL	
	Z5
FWHM / FWTM	160.0°
Efficiency	86 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required compone	nts:



## 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.

## PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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