


## JULIA-A

~90° + 160° wide beam

### TECHNICAL SPECIFICATIONS:

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

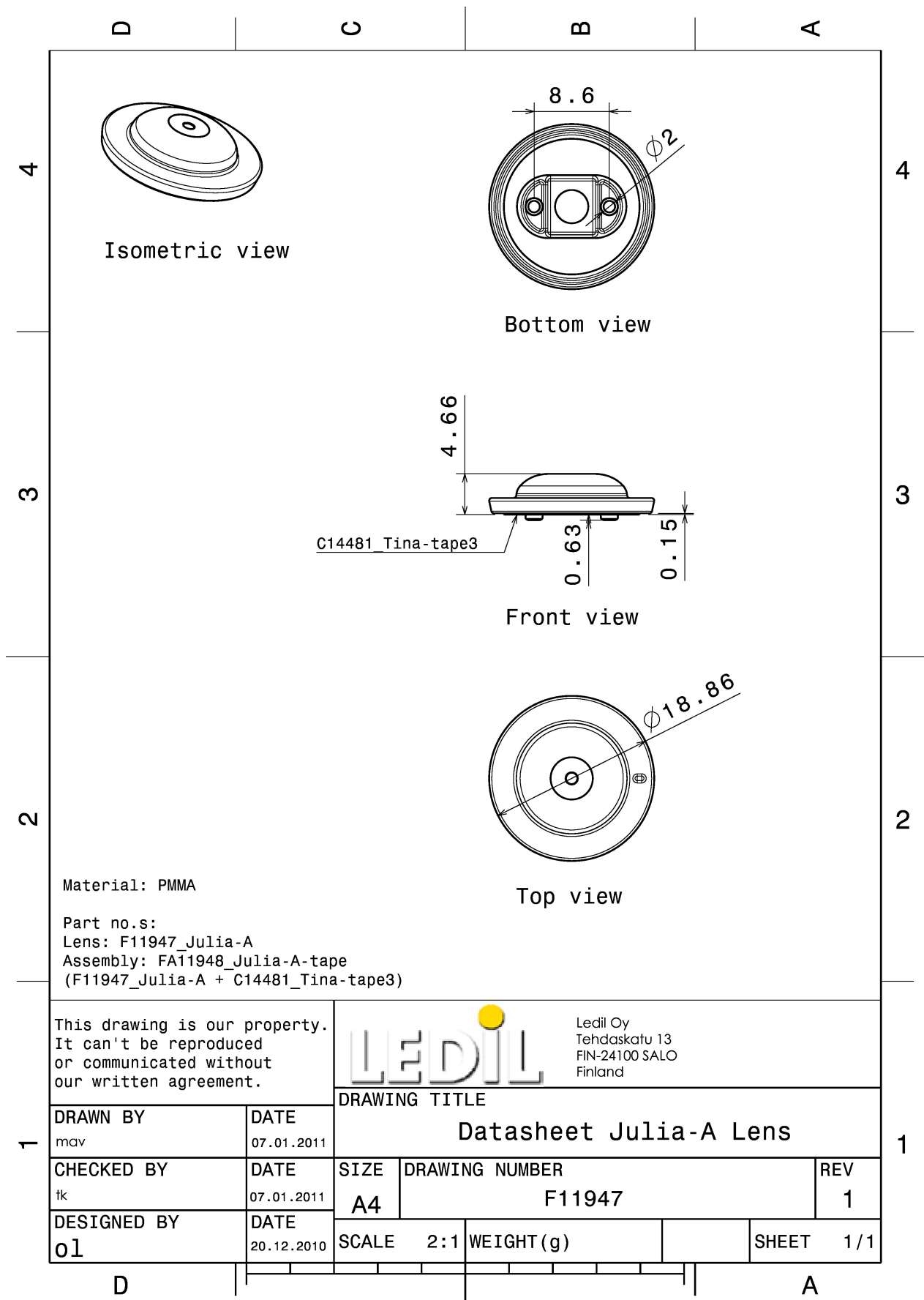
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
JULIA-A	Single lens	PMMA	clear	



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F11947_JULIA-A » Box size: 470 x 235 x 270 mm	4500	1000	500	7.9



### PHOTOMETRIC DATA (MEASURED):

#### CREE

LED XP-E  
FWHM 164.0°  
Efficiency 90 %  
Peak intensity 0.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### CREE

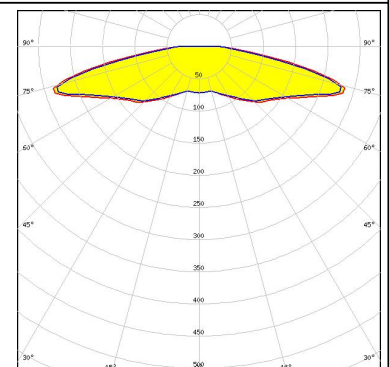
LED XP-G  
FWHM 166.0°  
Efficiency 90 %  
Peak intensity 0.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### LUMILEDS

LED LUXEON Rebel  
FWHM 154.0°  
Efficiency 90 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### LUMILEDS

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



### PHOTOMETRIC DATA (MEASURED):



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

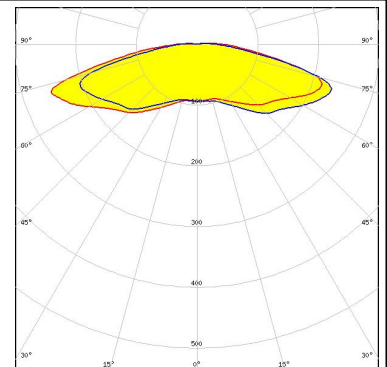


LED NVSxx19A  
FWHM 159.0°  
Efficiency 90 %  
Peak intensity 0.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



Ospto Semiconductors

LED OSLON Square PC  
FWHM 165.0°  
Efficiency 93 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



Ospto Semiconductors

LED OSLON SSL 150  
FWHM 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 158.0°  
Efficiency 90 %  
Peak intensity 0.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

LED Z5  
FWHM 160.0°  
Efficiency 86 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

## PHOTOMETRIC DATA (SIMULATED):



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

### 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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