

### JULIA

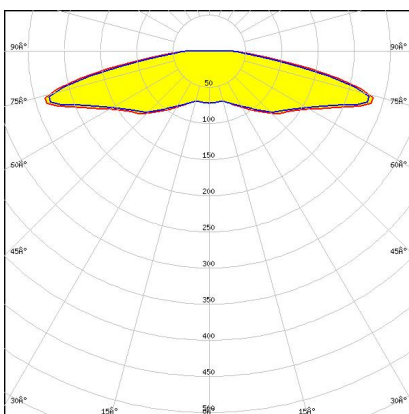
**Ø18.8 mm lenses for backlighting and up to 3535 size LED packages**

JULIA lens has been optimized to bring the efficiency and low-power benefits of LED technology to backlight applications. JULIA-A is a rotationally symmetric lens producing a batwing light emission pattern, which allows LEDs to achieve over 90 % uniformity on display surfaces 50-100 mm from the PCB. JULIA comes with two 0.63 mm mounting pins and there are two versions available, with and without tape.



### PRODUCTS:

#### F11947\_JULIA-A

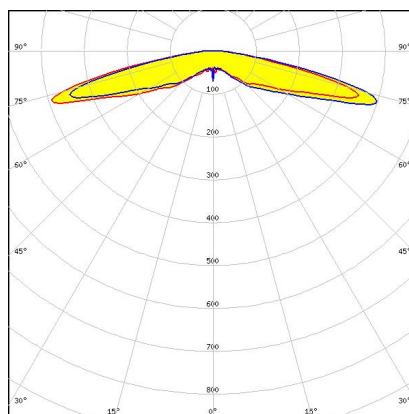


**Dimensions: 18.9 mm x 18.9 mm**

**Height: 4.66 mm**

~90° + 160° wide beam

#### FA11948\_JULIA-A



**Dimensions: 18.8 mm x 18.8 mm**

**Height: 4.81 mm**

~90° + 160° wide beam. Assembly with installation tape.

### 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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