

## FLARE-MINI-A-PIN

~100° x 20° oval beam. Assembly with location pins.

### SPECIFICATION:

Dimensions	Ø 16.0 mm
Height	8.6 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

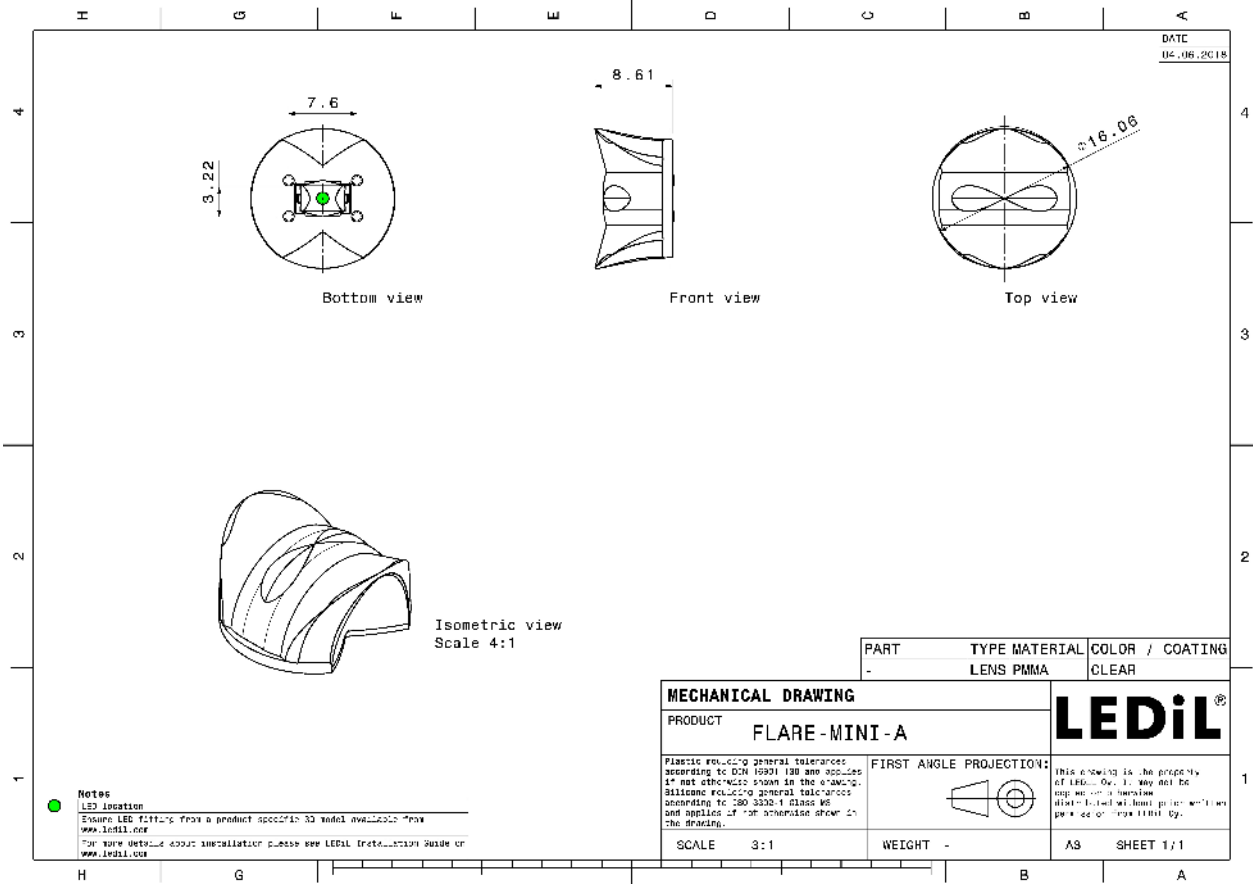
### MATERIALS:

Component	Type	Material	Colour	Finish
FLARE-MINI-A-PIN	Single lens	PMMA	clear	

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12837_FLARE-MINI-A-PIN » Box size: 300 x 250 x 250 mm	2400	360	120	3.7



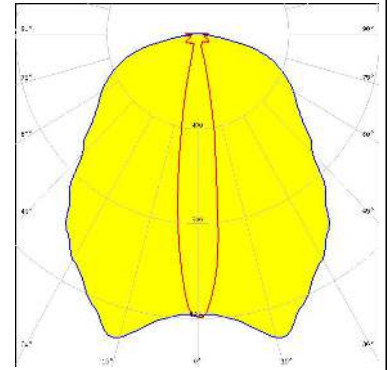


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

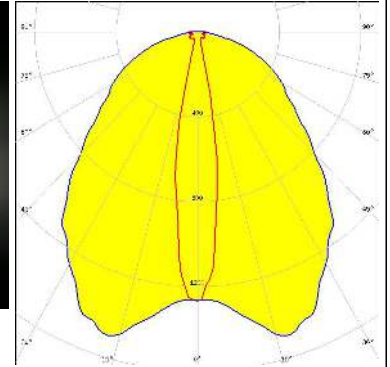
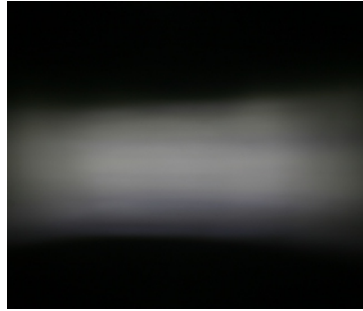
##### CREE ⇄ LED

LED XB-D  
 FWHM / FWTM 95.0 + 16.0° / 160.0 + 29.0°  
 Efficiency 94 %  
 Peak intensity 1.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



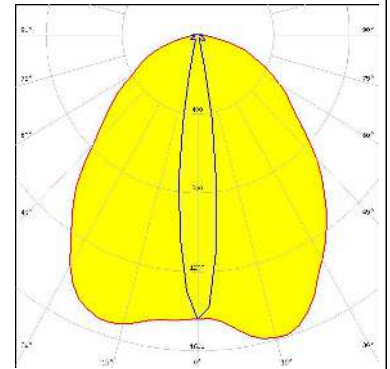
##### CREE ⇄ LED

LED XP-E  
 FWHM / FWTM 95.0 + 17.0° / 155.0 + 27.0°  
 Efficiency 94 %  
 Peak intensity 1.5 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



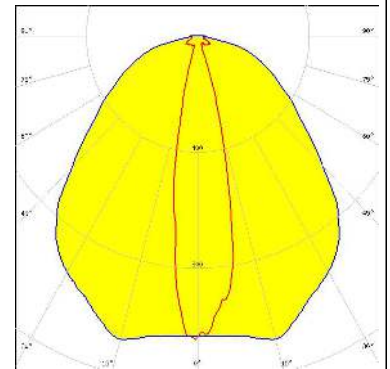
##### CREE ⇄ LED

LED XP-E2  
 FWHM / FWTM 94.0 + 16.0° / 151.0 + 27.0°  
 Efficiency 94 %  
 Peak intensity 1.6 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### CREE ⇄ LED

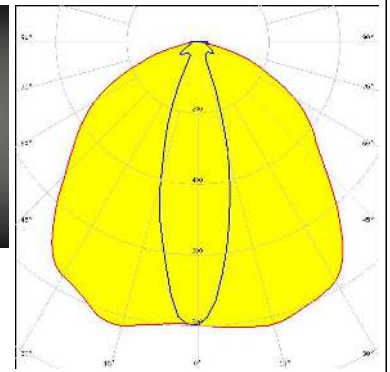
LED XP-G  
 FWHM / FWTM 99.0 + 21.0° / 154.0 + 35.0°  
 Efficiency 94 %  
 Peak intensity 1.1 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

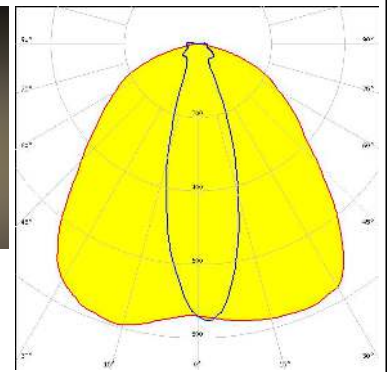
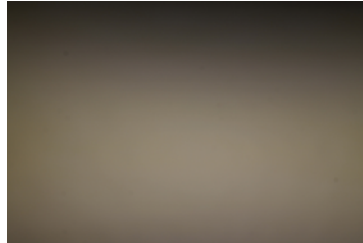
##### CREE ⇄ LED

LED XP-L HD  
 FWHM / FWTM 106.0 + 29.0° / 152.0 + 49.0°  
 Efficiency 94 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



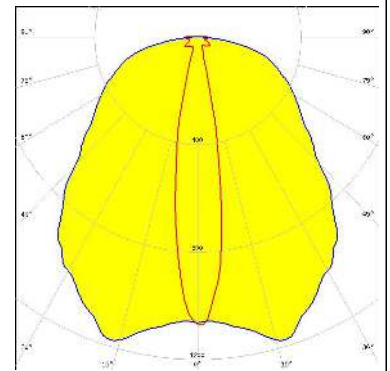
##### CREE ⇄ LED

LED XP-L2  
 FWHM / FWTM 100.0 + 30.0° / 152.0 + 53.0°  
 Efficiency 94 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



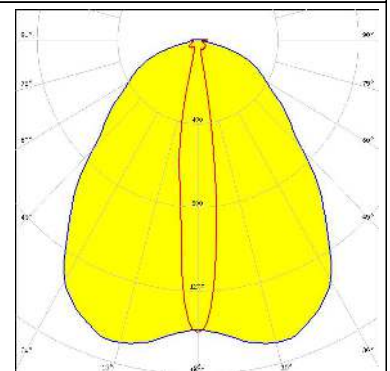
##### CREE ⇄ LED

LED XT-E  
 FWHM / FWTM 95.0 + 19.0° / 160.0 + 32.0°  
 Efficiency 94 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:


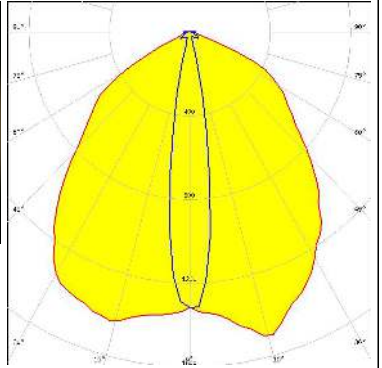
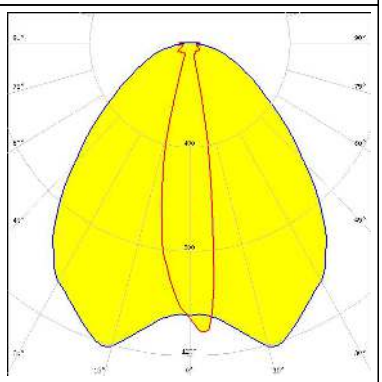

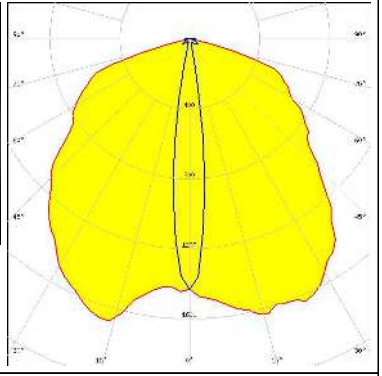

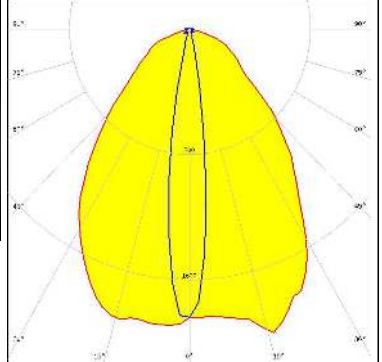


##### NICHIA

LED NCSxx19A  
 FWHM / FWTM 87.0 + 15.0° / 141.0 + 26.0°  
 Efficiency 94 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



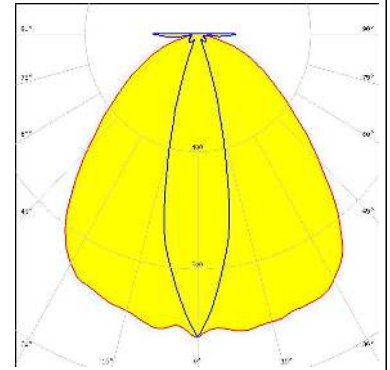
#### OPTICAL RESULTS (MEASURED):

<p><b>NICHIA</b></p> <p>LED NCSxx19B</p> <p>FWHM / FWTM 95.0 + 17.0° / 135.0 + 29.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSLOM Square EC</p> <p>FWHM / FWTM 90.0 + 20.0° / 146.0 + 33.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSLOM SSL 150</p> <p>FWHM / FWTM 108.0 + 12.0° / 150.0 + 23.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 1.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSLOM SSL 80</p> <p>FWHM / FWTM 81.0 + 13.0° / 138.0 + 24.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

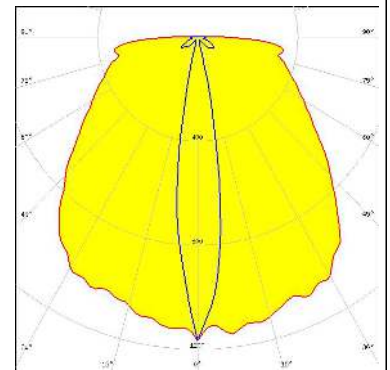
#### OPTICAL RESULTS (SIMULATED):



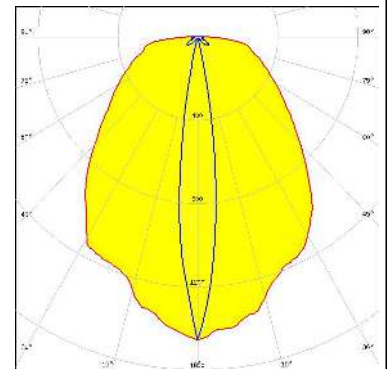
LED XP-G2 HE  
 FWHM / FWTM 95.0 + 25.0° / 144.0 + 43.0°  
 Efficiency 94 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



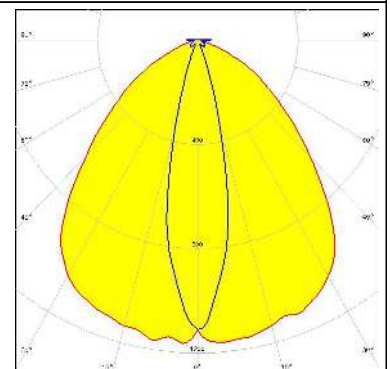
LED LUXEON C  
 FWHM / FWTM 106.0 + 17.0° / 178.0 + 27.0°  
 Efficiency 94 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour Red  
 Required components:



LED LUXEON C  
 FWHM / FWTM 14.0 + 88.0° / 25.0 + 170.0°  
 Efficiency 93 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LH351B  
 FWHM / FWTM 94.0 + 24.0° / 135.0 + 42.0°  
 Efficiency 96 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour 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:

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