

## FLARE-MINI-A-PIN

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

### TECHNICAL SPECIFICATIONS:

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

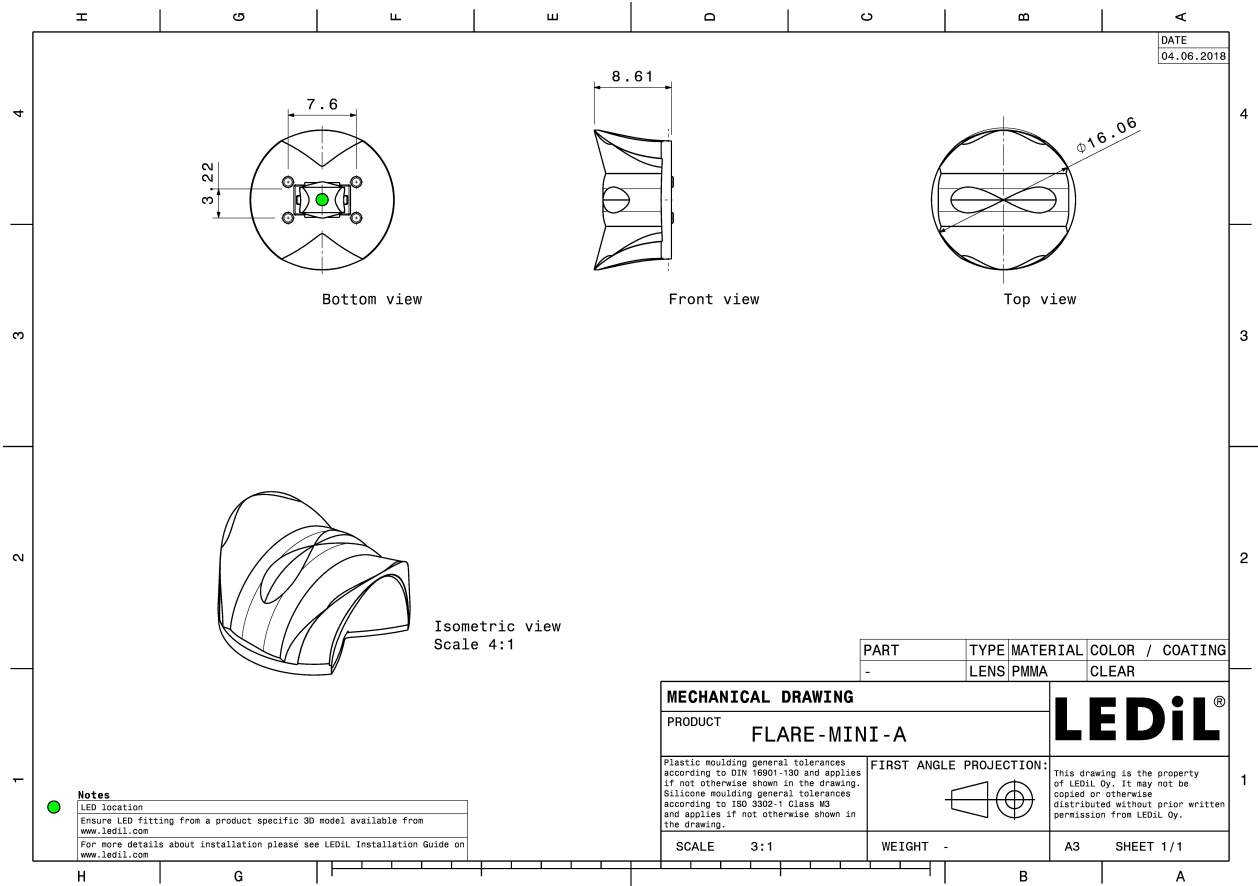
### MATERIAL SPECIFICATIONS:

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



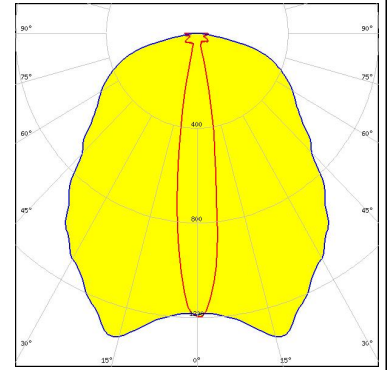


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### PHOTOMETRIC DATA (MEASURED):

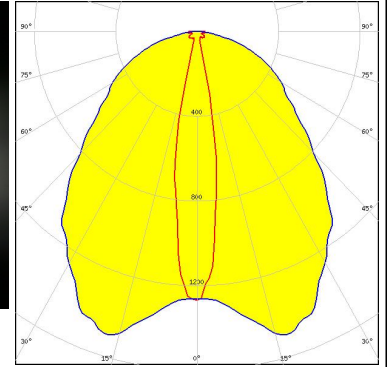
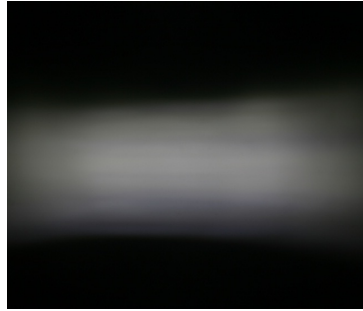
##### CREE LED

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



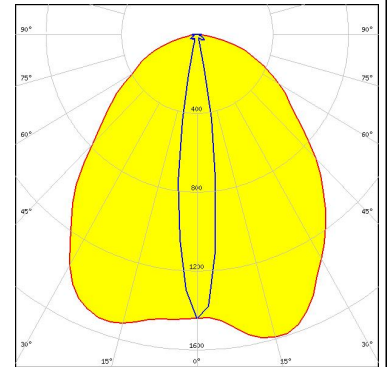
##### CREE LED

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



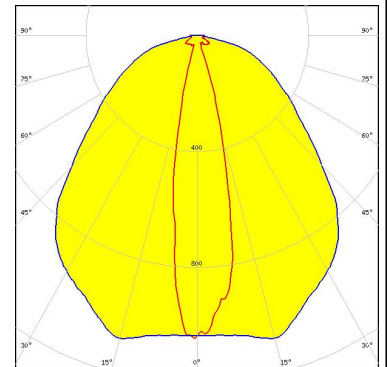
##### CREE LED

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



##### CREE LED

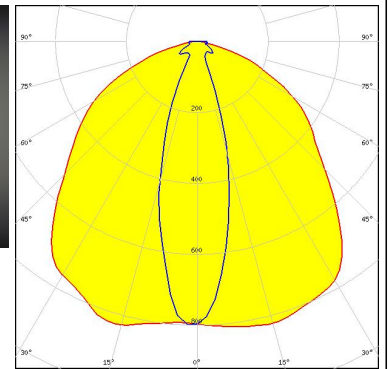
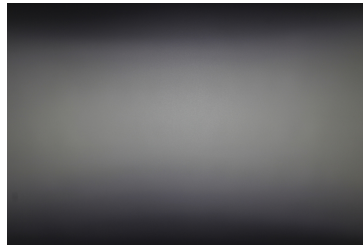
LED XP-G  
 FWHM / FWTM 99.0 + 21.0° / 154.0 + 35.0°  
 Efficiency 94 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



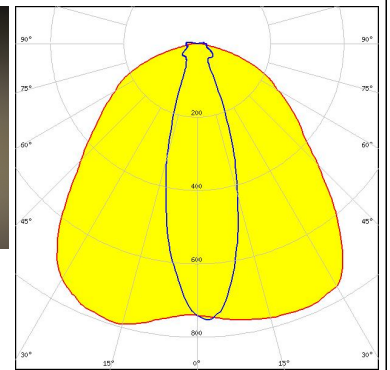
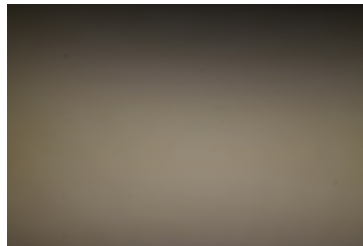
#### PHOTOMETRIC DATA (MEASURED):



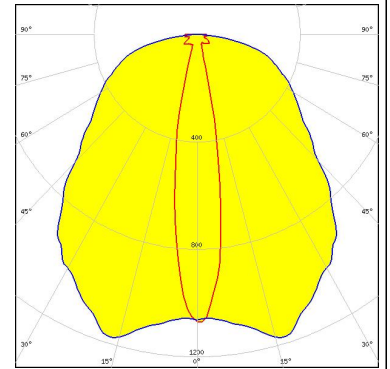
LED XP-L HD  
 FWHM / FWTM 106.0 + 29.0° / 152.0 + 49.0°  
 Efficiency 94 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



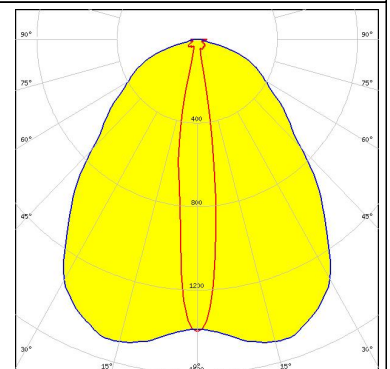
LED XP-L2  
 FWHM / FWTM 100.0 + 30.0° / 152.0 + 53.0°  
 Efficiency 94 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




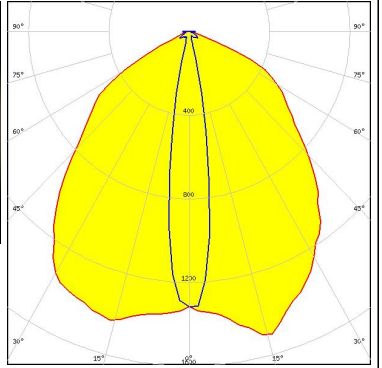
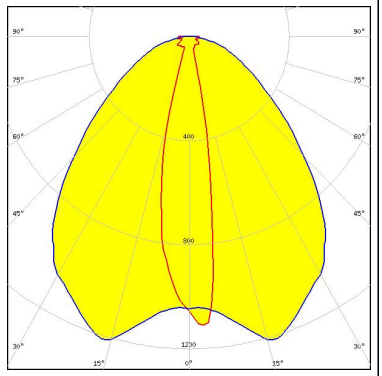
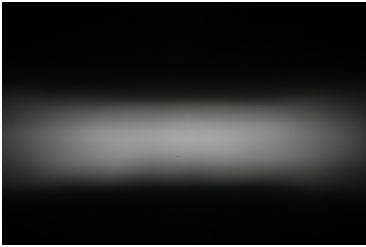
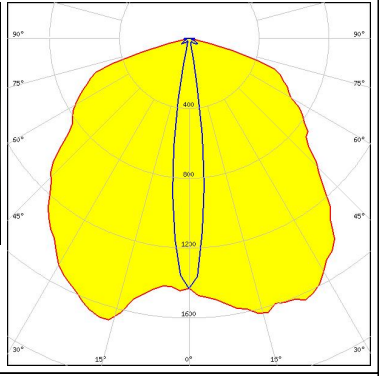

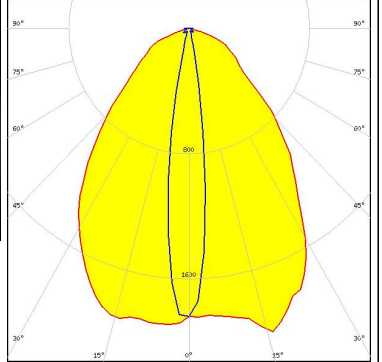
LED XT-E  
 FWHM / FWTM 95.0 + 19.0° / 160.0 + 32.0°  
 Efficiency 94 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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:



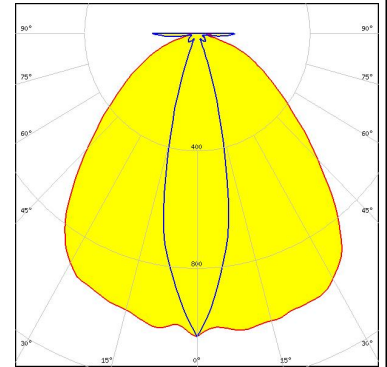
#### PHOTOMETRIC DATA (MEASURED):

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

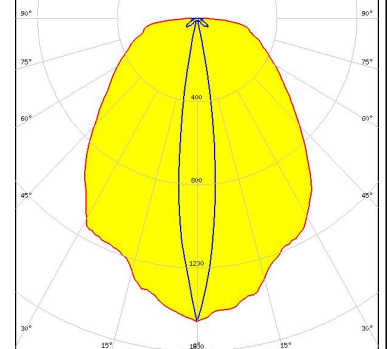
#### PHOTOMETRIC DATA (SIMULATED):



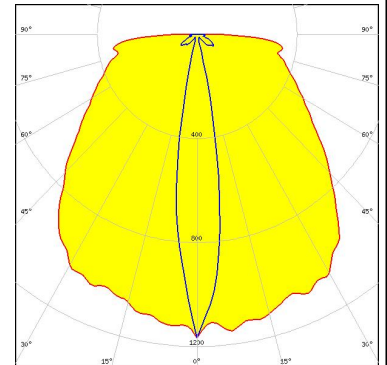
LED XP-G2 HE  
 FWHM / FWTM 95.0 + 25.0° / 144.0 + 43.0°  
 Efficiency 94 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



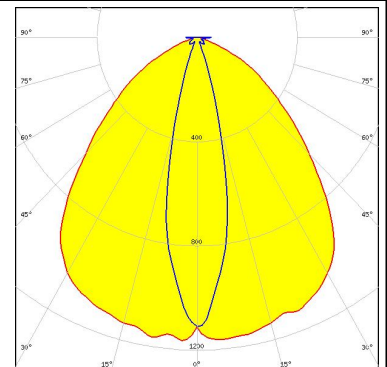
LED LUXEON C  
 FWHM / FWTM 14.0 + 88.0° / 25.0 + 170.0°  
 Efficiency 93 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED 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 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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

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