

## FLARE-MINI-AD

~100° x 20° oval beam

### TECHNICAL SPECIFICATIONS:

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

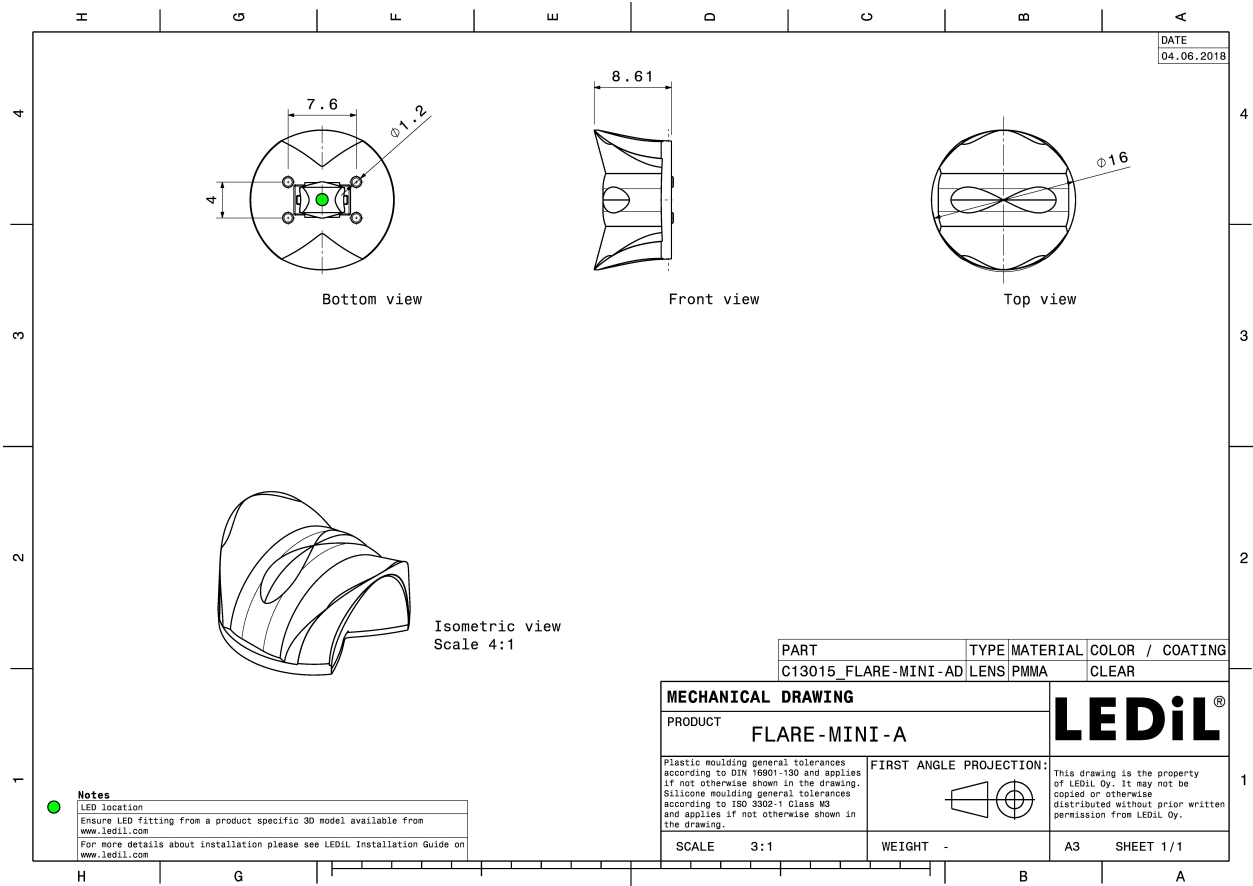


### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13015_FLARE-MINI-AD » Box size:	2400	360	120	3.7

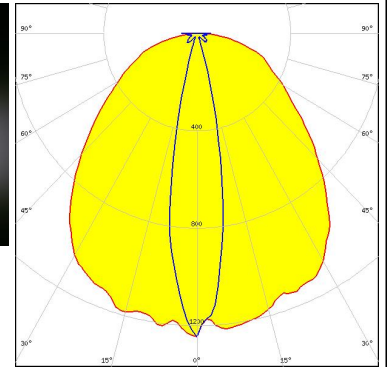
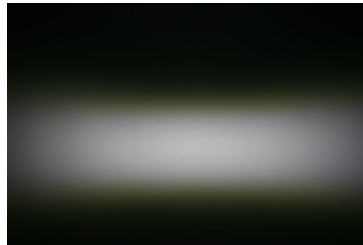


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### PHOTOMETRIC DATA (MEASURED):

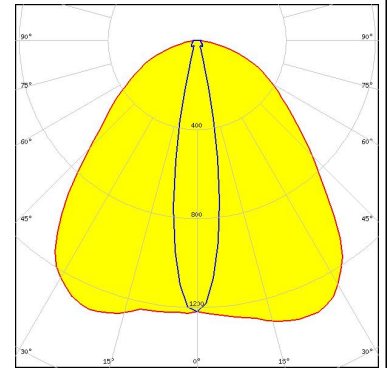
##### CREE LED

LED XB-D  
 FWHM / FWTM 100.0 + 16.0° / 160.0 + 31.0°  
 Efficiency 93 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



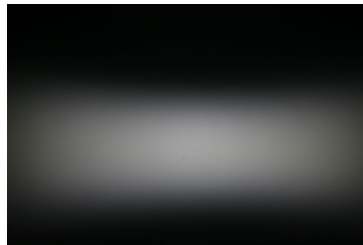
##### CREE LED

LED XP-E2  
 FWHM / FWTM 93.0 + 19.0° / 150.0 + 33.0°  
 Efficiency 94 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



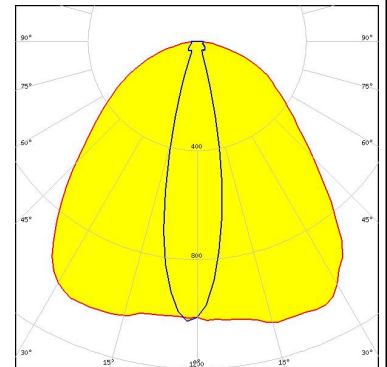
##### CREE LED

LED XP-G  
 FWHM / FWTM 100.0 + 20.0° / 156.0 + 34.0°  
 Efficiency 94 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### CREE LED

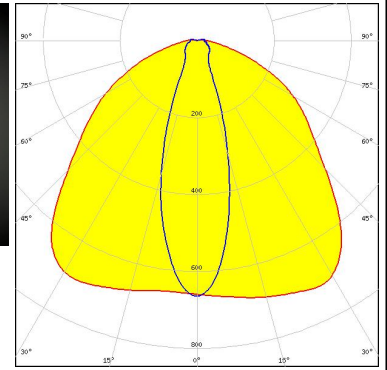
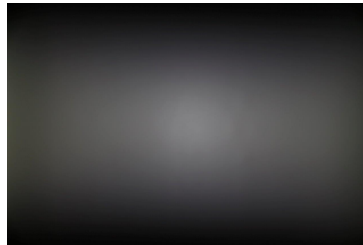
LED XP-G2  
 FWHM / FWTM 97.0 + 24.0° / 154.0 + 41.0°  
 Efficiency 94 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

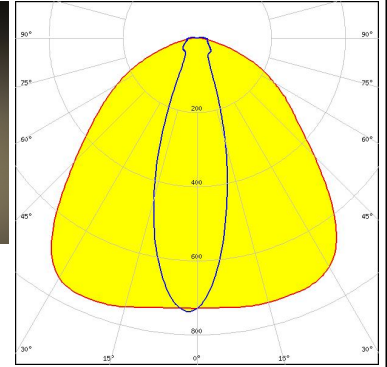
##### CREE LED

LED XP-L HD  
 FWHM / FWTM 111.0 + 30.0° / 158.0 + 56.0°  
 Efficiency 90 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### CREE LED

LED XP-L2  
 FWHM / FWTM 100.0 + 30.0° / 150.0 + 57.0°  
 Efficiency 94 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



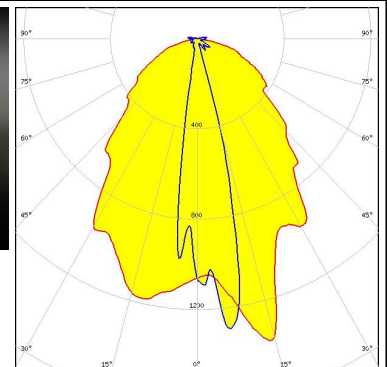
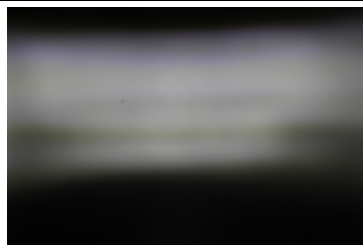
##### CREE LED

LED XT-E  
 FWHM / FWTM 104.0 + 19.0° / 164.0 + 36.0°  
 Efficiency 94 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

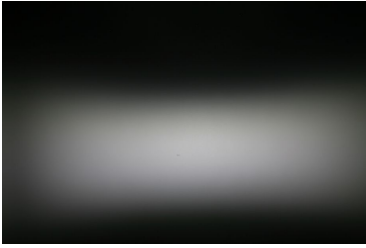
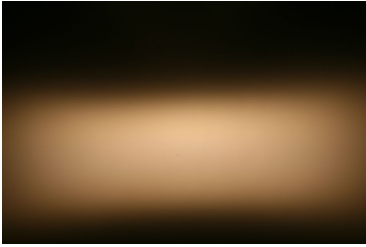
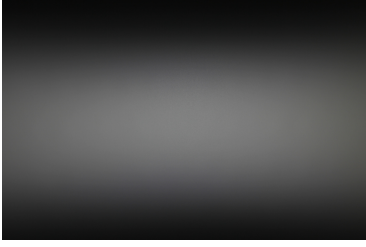
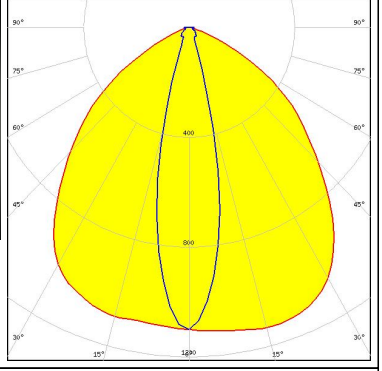

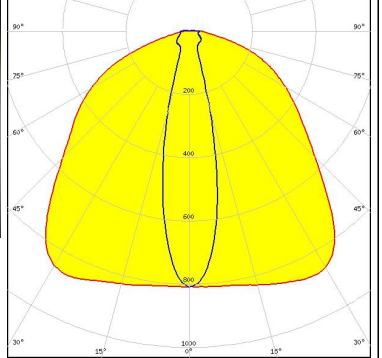


##### LUMILEDS

LED LUXEON CZ  
 FWHM / FWTM 92.0 + 20.0° / 151.0 + 27.0°  
 Efficiency 94 %  
 Peak intensity 1.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



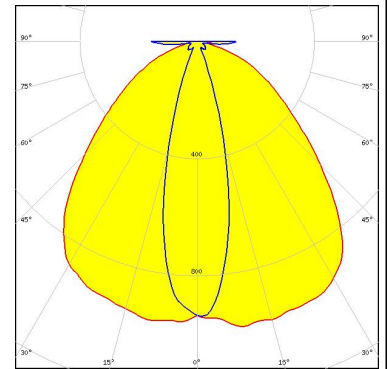
#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED: NVSxx19A            FWHM / FWTM: 100.0 + 20.0° / 147.0 + 34.0°            Efficiency: 94 %            Peak intensity: 1.1 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED: OSLON Square EC            FWHM / FWTM: 92.0 + 21.0° / 148.0 + 36.0°            Efficiency: 94 %            Peak intensity: 1.1 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>SAMSUNG</b></p> <p>LED: LH351Z            FWHM / FWTM: 99.0 + 25.0° / 134.0 + 42.0°            Efficiency: 94 %            Peak intensity: 1.1 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	 
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED: Z8Y22P            FWHM / FWTM: 112.0 + 24.0° / 156.0 + 43.0°            Efficiency: 93 %            Peak intensity: 0.9 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	 

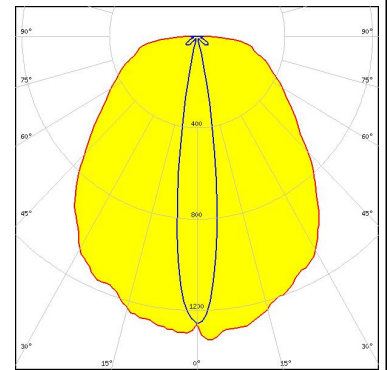
### PHOTOMETRIC DATA (SIMULATED):



LED XP-G2 HE  
FWHM / FWTM 96.0 + 26.0° / 145.0 + 44.0°  
Efficiency 94 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON C  
FWHM / FWTM 15.0 + 94.0° / 24.0 + 172.0°  
Efficiency 93 %  
Peak intensity 1.4 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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