

## FLARE-MINI-A

~100° x 20° oval beam

### SPECIFICATION:

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

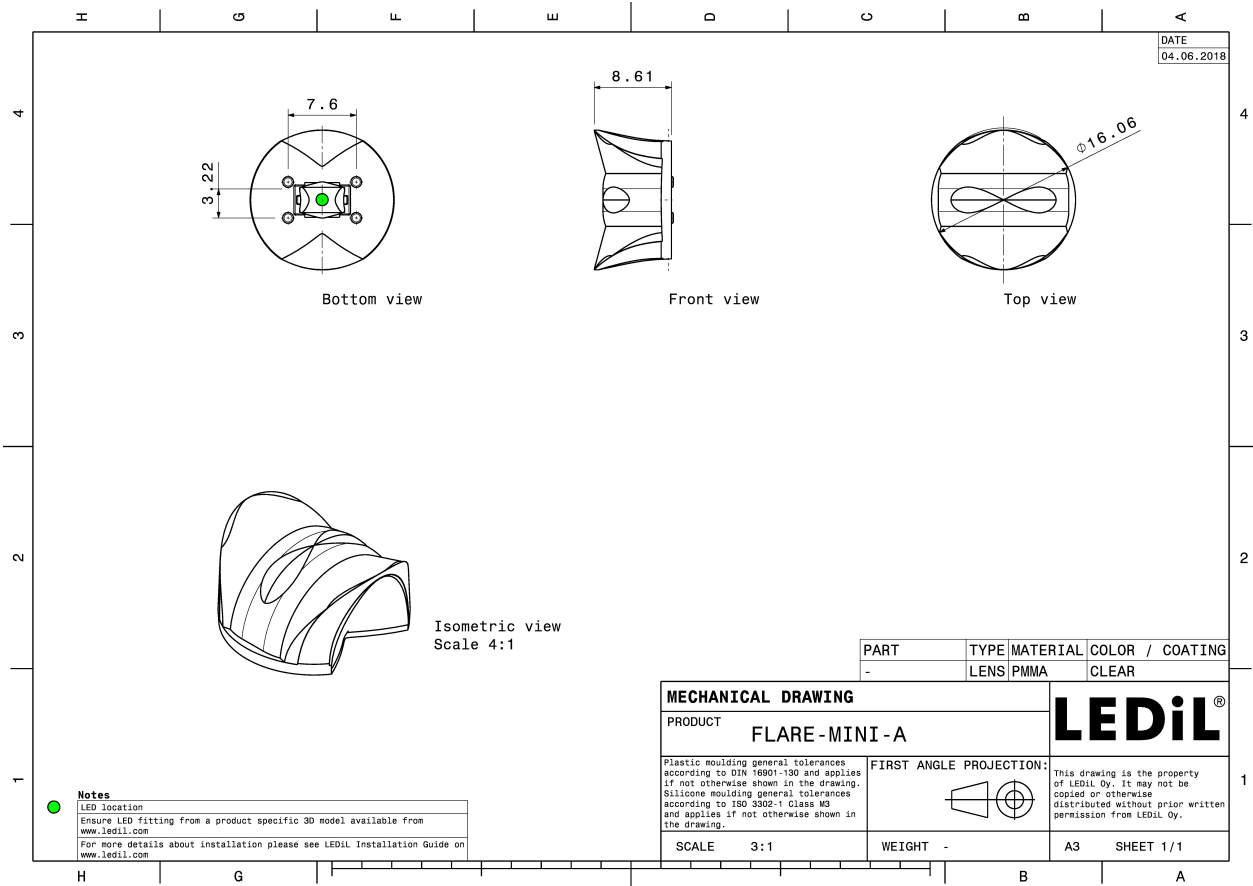
### MATERIALS:

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

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12763_FLARE-MINI-A » Box size: 300 x 250 x 250 mm	2400		120	3.8



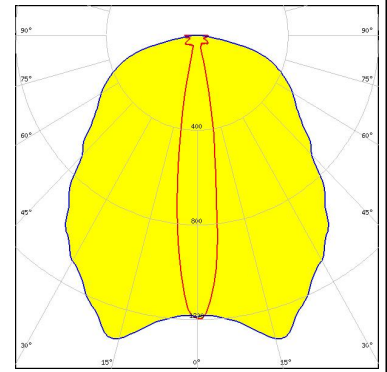


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

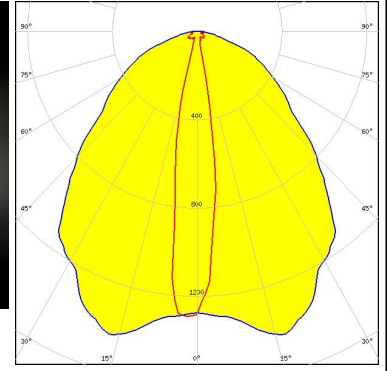
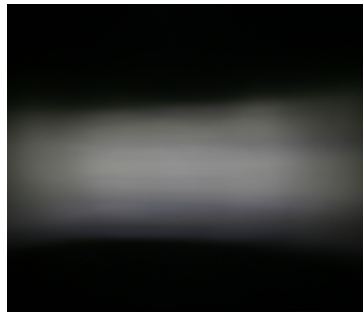
### OPTICAL RESULTS (MEASURED):



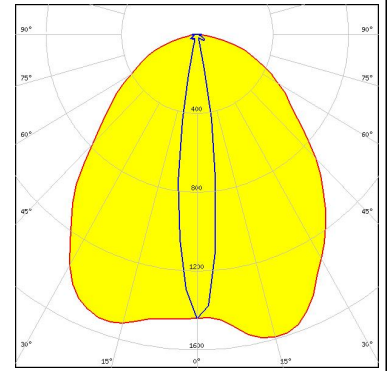
LED XB-D  
 FWHM / FWTM 95.0 + 16.0° / 29.0 + 160.0°  
 Efficiency 94 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



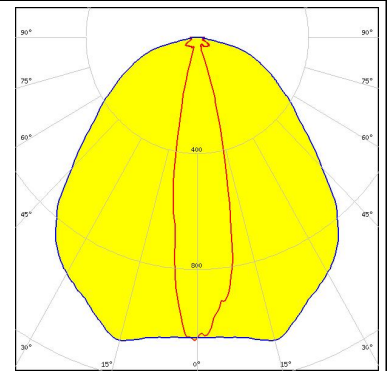
LED XP-E  
 FWHM / FWTM 95.0 + 17.0° / 152.0 + 27.0°  
 Efficiency 94 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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:



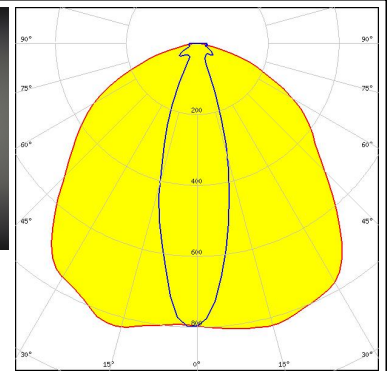
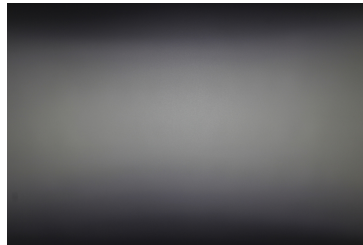
LED XP-G  
 FWHM / FWTM 99.0 + 21.0° / 154.0 + 35.0°  
 Efficiency 94 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



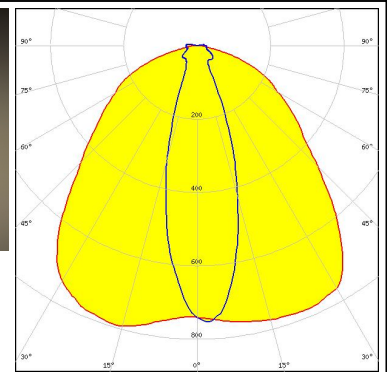
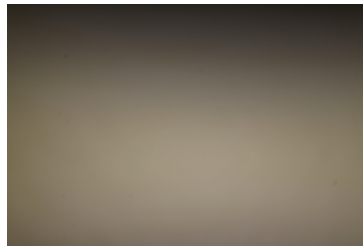
### OPTICAL RESULTS (MEASURED):



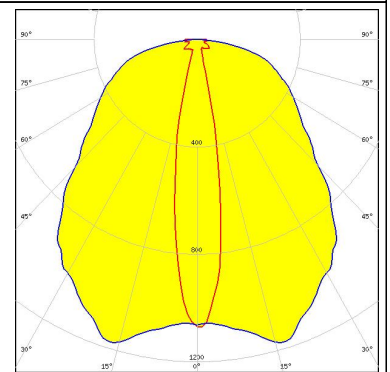
LED XP-L HD  
 FWHM / FWTM 106.0 + 29.0° / 152.0 + 49.0°  
 Efficiency 94 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



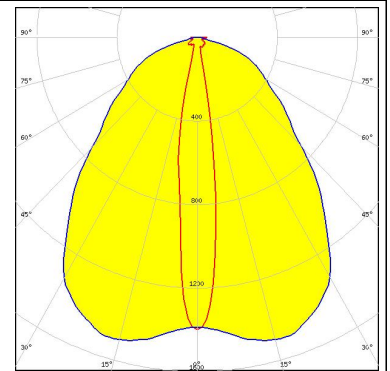
LED XP-L2  
 FWHM / FWTM 100.0 + 30.0° / 152.0 + 53.0°  
 Efficiency 94 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




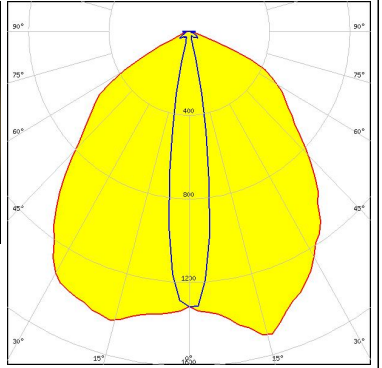

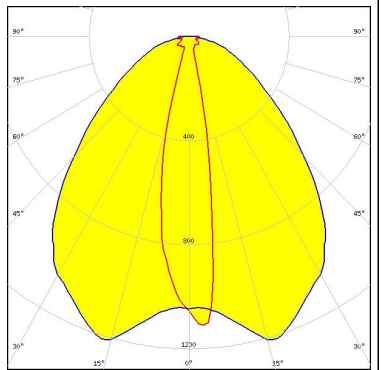
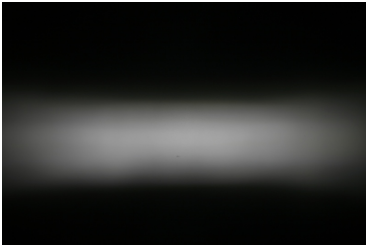
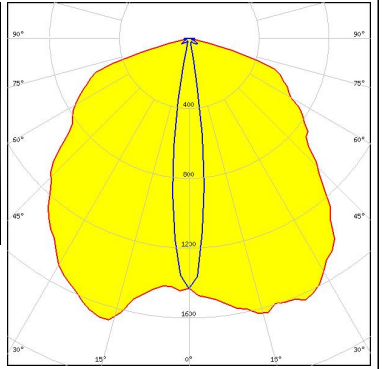

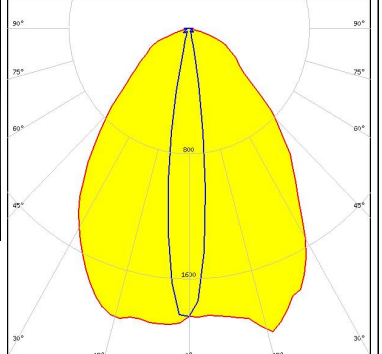
LED XT-E  
 FWHM / FWTM 95.0 + 19.0° / 160.0 + 32.0°  
 Efficiency 94 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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:



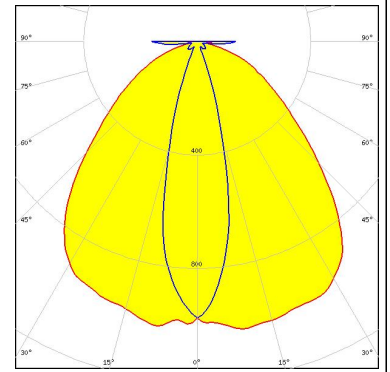
### OPTICAL RESULTS (MEASURED):

<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>		

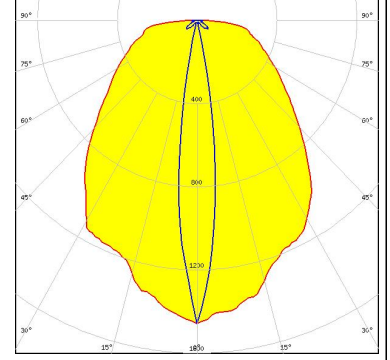
### OPTICAL RESULTS (SIMULATED):



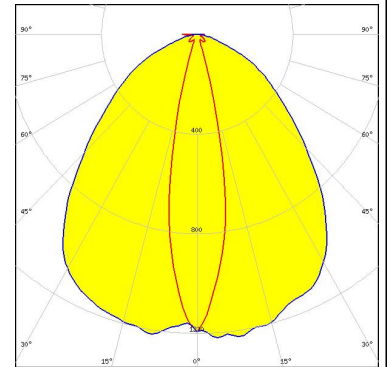
**LED** XP-G2 HE  
**FWHM / FWTM** 95.0 + 25.0° / 144.0 + 43.0°  
**Efficiency** 94 %  
**Peak intensity** 1 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** LUXEON C  
**FWHM / FWTM** 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** NVSxx19B/NVSxx19C  
**FWHM / FWTM** 22.0 + 93.0° / 36.0 + 141.0°  
**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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