

## FLARE-MINI-A

~100° x 20° oval beam. Assembly with installation tape.

### SPECIFICATION:

Dimensions	Ø 16.0 mm
Height	9.1 mm
Fastening	tape
ROHS compliant	yes ⓘ

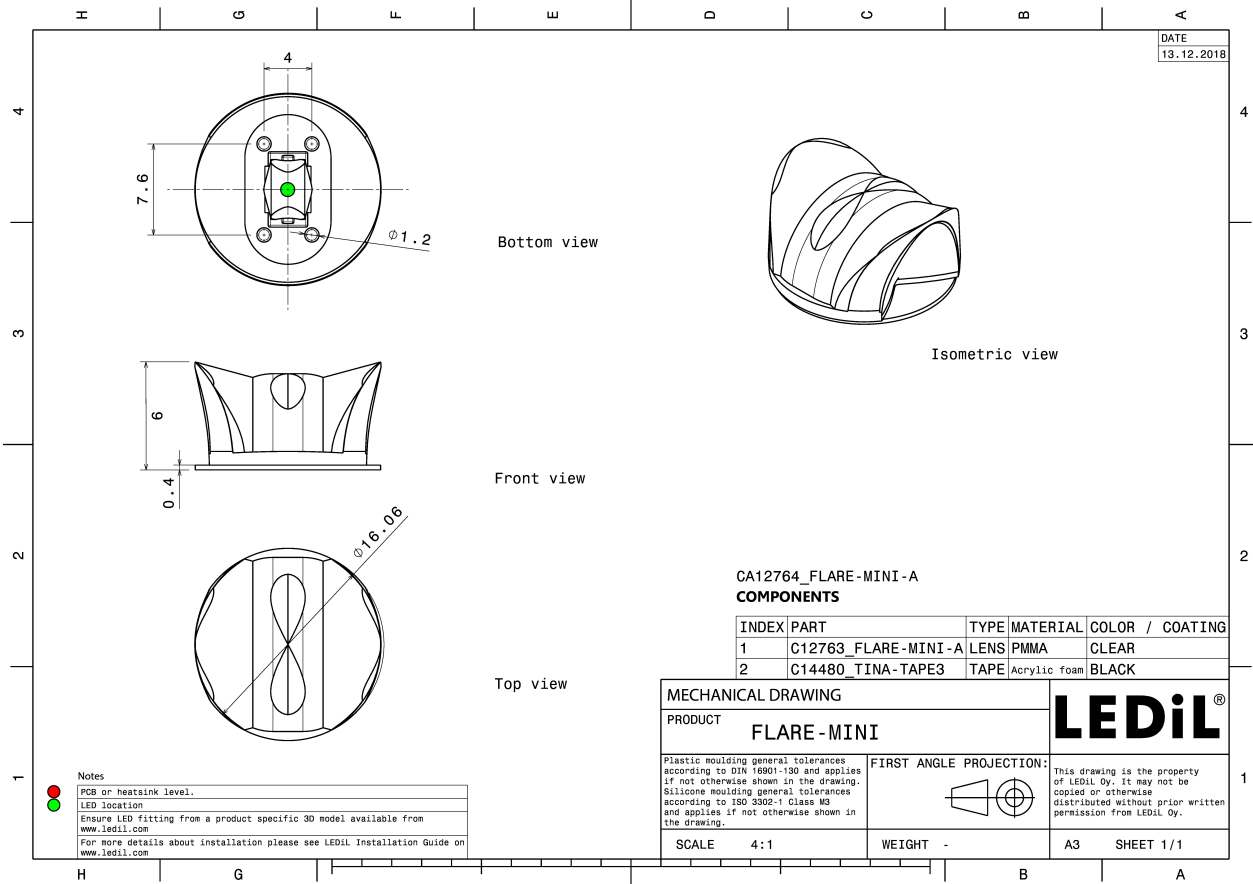
### MATERIALS:

Component	Type	Material	Colour	Finish
FLARE-MINI-A	Single lens	PMMA	clear	
TINA-TAPE3	Tape	Acrylic foam	black	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12764_FLARE-MINI-A	Single lens	4600	230	230	6.7
» Box size:					



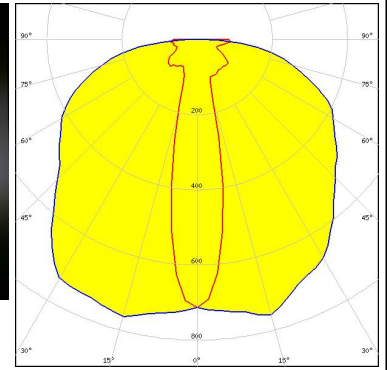
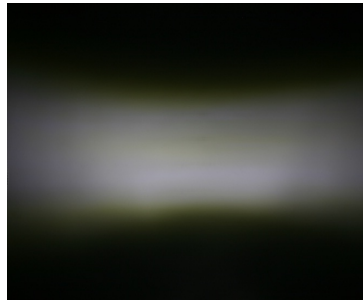


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

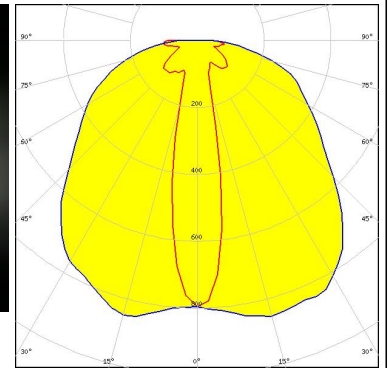
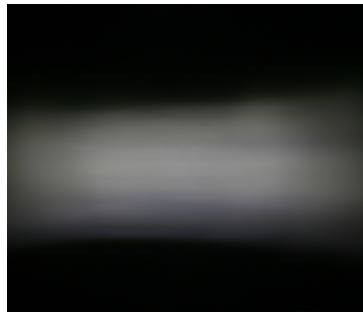
#### CREE LED

LED XB-D  
 FWHM / FWTM 130.0 + 21.0° / 119.0 + 172.0°  
 Efficiency 94 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



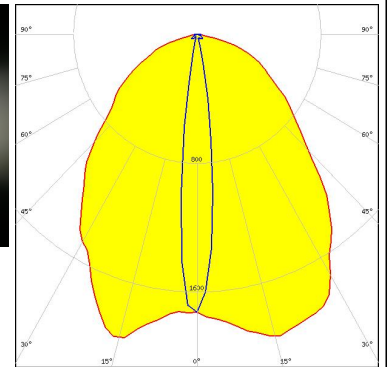
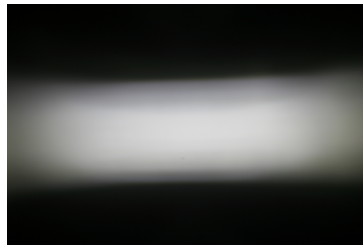
#### CREE LED

LED XP-E  
 FWHM / FWTM 113.0 + 20.0° / 171.0 + 22.0°  
 Efficiency 94 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



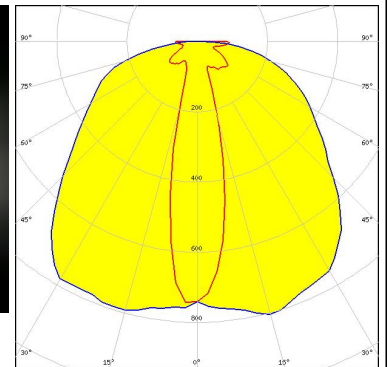
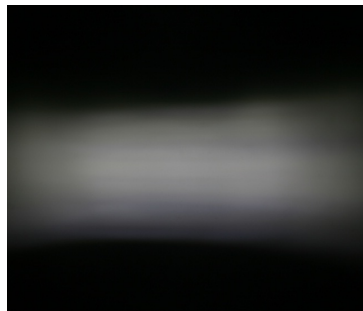
#### CREE LED

LED XP-E2  
 FWHM / FWTM 92.0 + 12.0° / 152.0 + 24.0°  
 Efficiency 94 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE LED

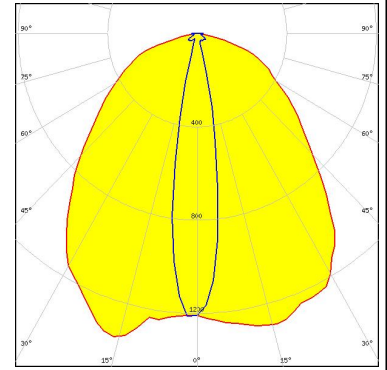
LED XP-G  
 FWHM / FWTM 114.0 + 22.0° / 120.0 + 158.0°  
 Efficiency 94 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (MEASURED):

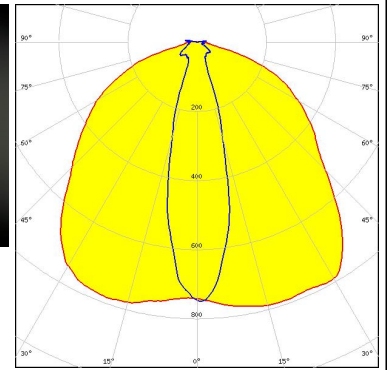
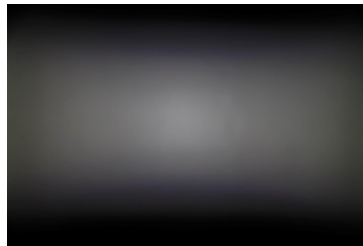
#### CREE LED

LED XP-G2  
 FWHM / FWTM 94.0 + 19.0° / 152.0 + 31.0°  
 Efficiency 94 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



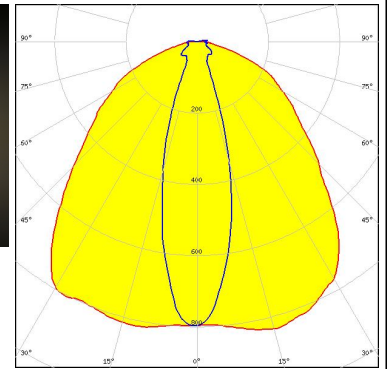
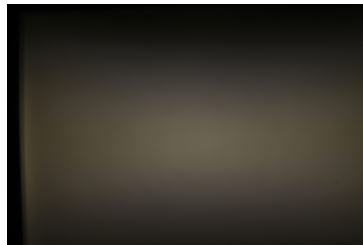
#### CREE LED

LED XP-L HD  
 FWHM / FWTM 114.0 + 25.0° / 152.0 + 43.0°  
 Efficiency 91 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



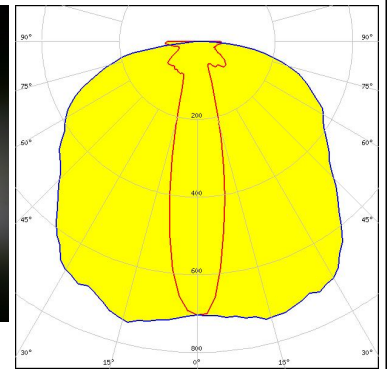
#### CREE LED

LED XP-L2  
 FWHM / FWTM 100.0 + 28.0° / 153.0 + 49.0°  
 Efficiency 94 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE LED

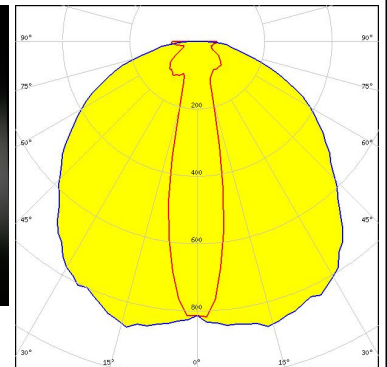
LED XT-E  
 FWHM / FWTM 124.0 + 22.0° / 119.0 + 173.0°  
 Efficiency 94 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



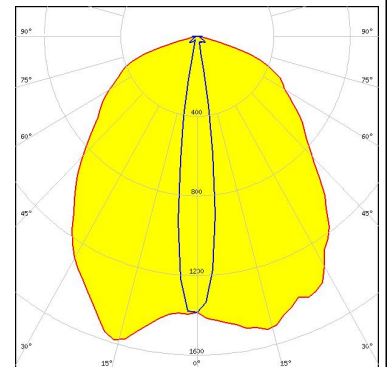
### OPTICAL RESULTS (MEASURED):



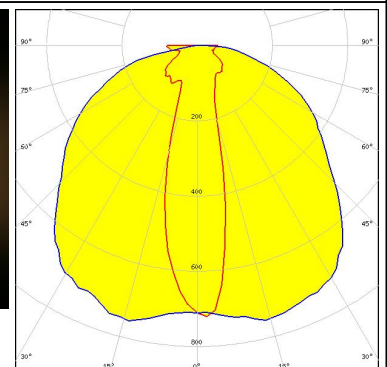
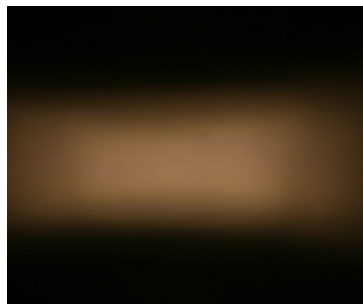
LED NCSxx19A  
 FWHM / FWTM 112.0 + 20.0° / 104.0 + 167.0°  
 Efficiency 94 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



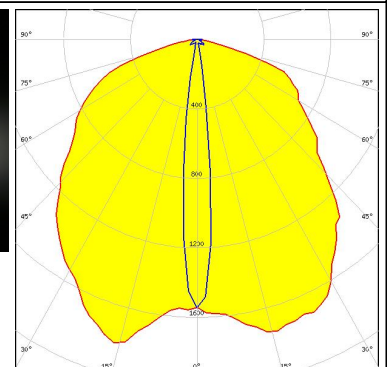
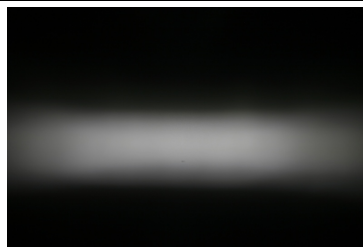
LED NCSxx19B  
 FWHM / FWTM 95.0 + 15.0° / 151.0 + 27.0°  
 Efficiency 94 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




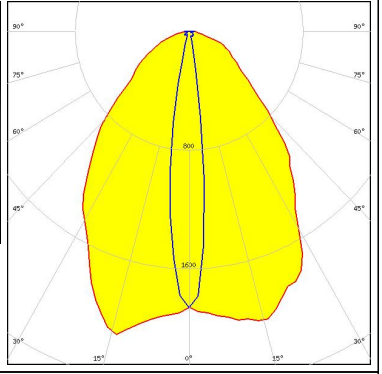
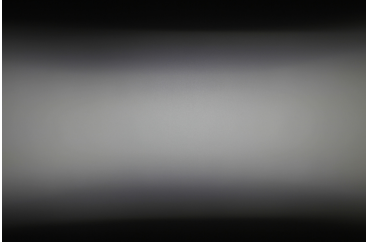
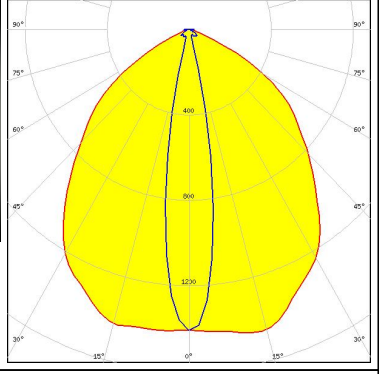

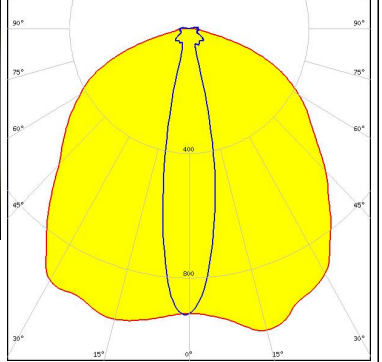
LED OSLON Square PC  
 FWHM / FWTM 116.0 + 22.0° / 114.0 + 172.0°  
 Efficiency 94 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSLON SSL 150  
 FWHM / FWTM 106.0 + 11.0° / 22.0 + 152.0°  
 Efficiency 93 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



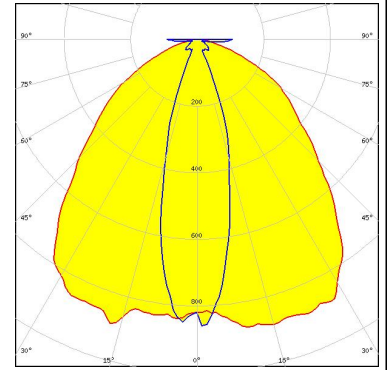
### OPTICAL RESULTS (MEASURED):

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSLON SSL 80</p> <p>FWHM / FWTM 84.0 + 12.0° / 23.0 + 144.0°</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>		
<p><b>SAMSUNG</b></p> <p>LED LH351Z</p> <p>FWHM / FWTM 95.0 + 19.0° / 133.0 + 31.0°</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>SEOL</b> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P</p> <p>FWHM / FWTM 115.0 + 21.0° / 154.0 + 34.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

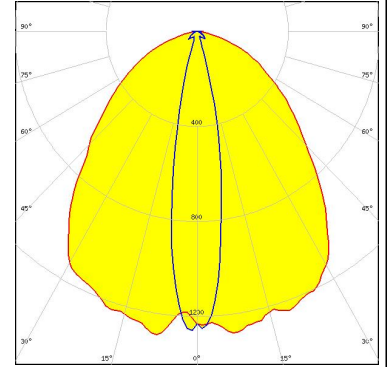
### OPTICAL RESULTS (SIMULATED):



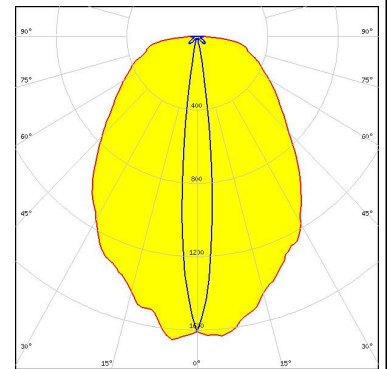
LED XHP35 HD  
 FWHM / FWTM 31.0 + 96.0° / 51.0 + 146.0°  
 Efficiency 93 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



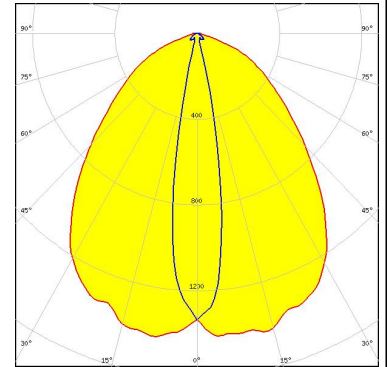
LED XHP35 HI  
 FWHM / FWTM 20.0 + 92.0° / 34.0 + 146.0°  
 Efficiency 94 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON C  
 FWHM / FWTM 11.0 + 84.0° / 21.0 + 168.0°  
 Efficiency 92 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED Z5M1/Z5M2  
 FWHM / FWTM 91.0 + 19.0° / 141.0 + 29.0°  
 Efficiency 95 %  
 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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