

## FLARE-MINI-AD-PIN

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

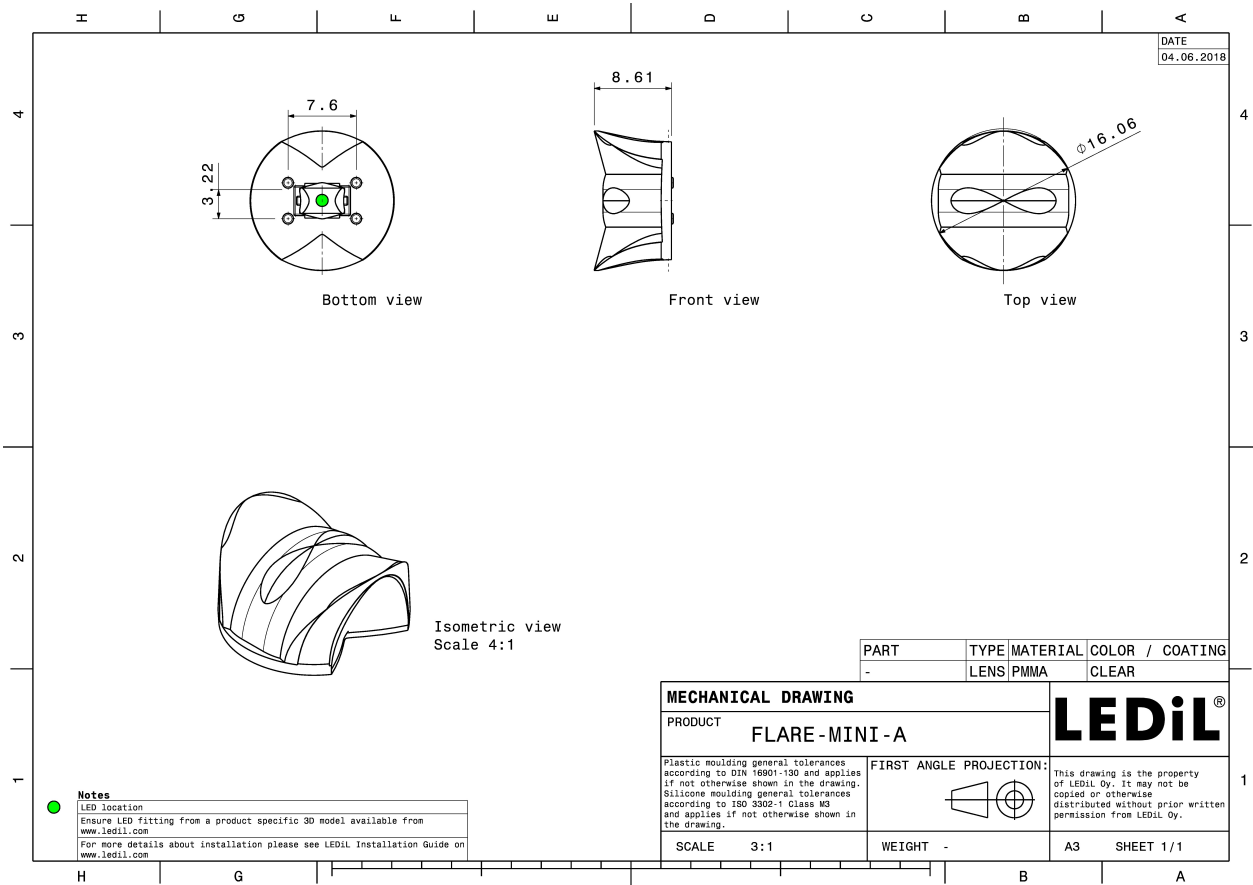
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.0 mm
Height	8.6 mm
Fastening	glue, pin
Colour	clear
Box size	300 x 250 x 250 mm
Box weight	4 kg
Quantity in Box	2400 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

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



#### PHOTOMETRIC DATA (MEASURED):

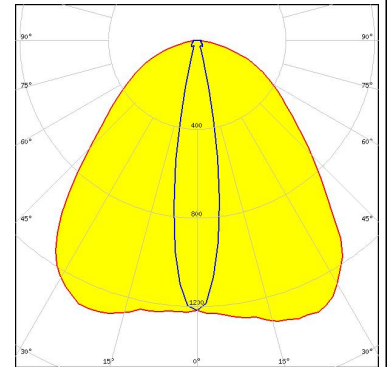
**CREE** 

LED XB-D  
FWHM 100.0 + 16.0°  
Efficiency 93 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



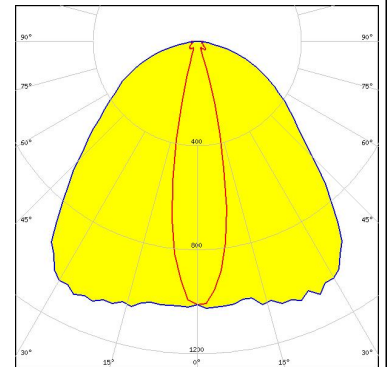
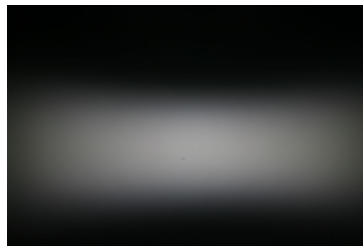
**CREE** 

LED XP-E2  
FWHM 93.0 + 19.0°  
Efficiency 94 %  
Peak intensity 1.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



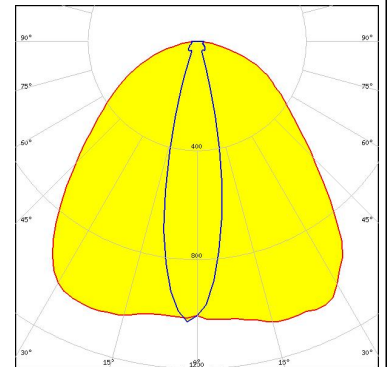
**CREE** 

LED XP-G  
FWHM 100.0 + 20.0°  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**CREE** 

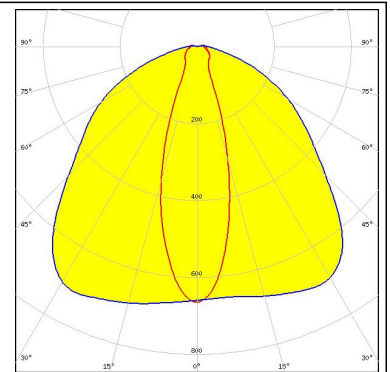
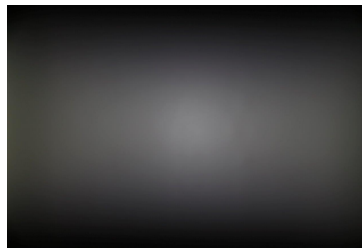
LED XP-G2  
FWHM 97.0 + 24.0°  
Efficiency 94 %  
Peak intensity 1.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



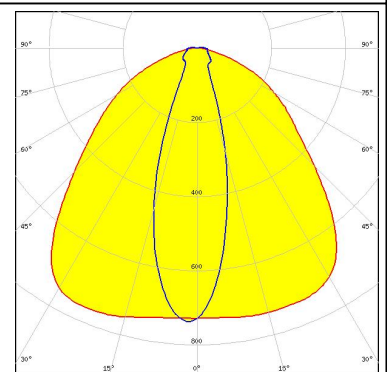
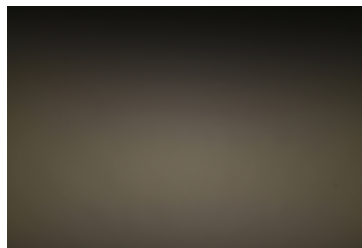
#### PHOTOMETRIC DATA (MEASURED):



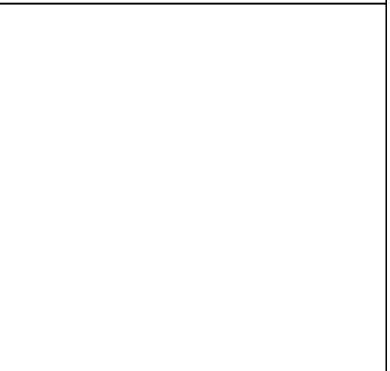
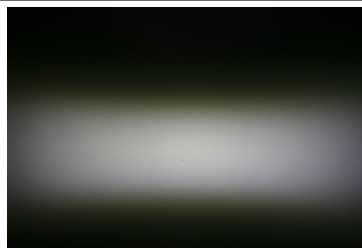
LED XP-L HD  
 FWHM 111.0 + 30.0°  
 Efficiency 90 %  
 Peak intensity 0.710 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



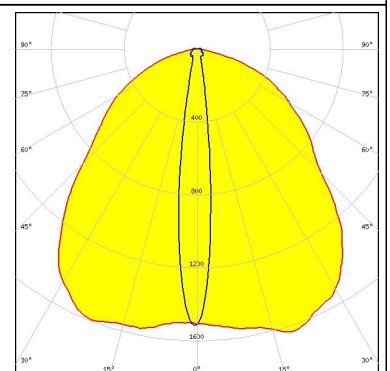
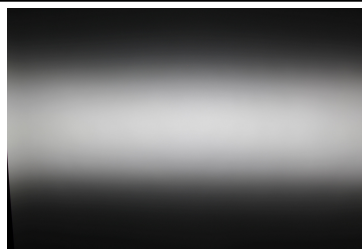
LED XP-L2  
 FWHM 100.0 + 30.0°  
 Efficiency 94 %  
 Peak intensity 0.760 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XT-E  
 FWHM 104.0 + 19.0°  
 Efficiency 94 %  
 Peak intensity 1.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



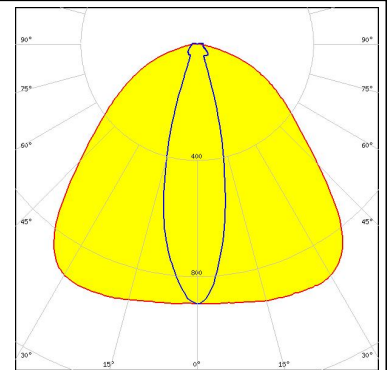
LED LUXEON CZ  
 FWHM 101.0 + 13.0°  
 Efficiency 94 %  
 Peak intensity 1.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):



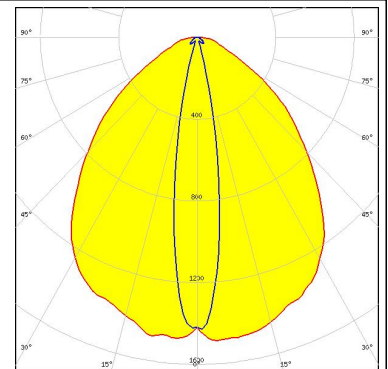
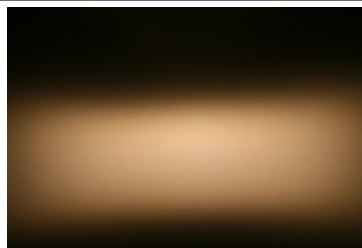
LED NVSW219F  
 FWHM 101.0 + 26.0°  
 Efficiency 94 %  
 Peak intensity 0.930 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



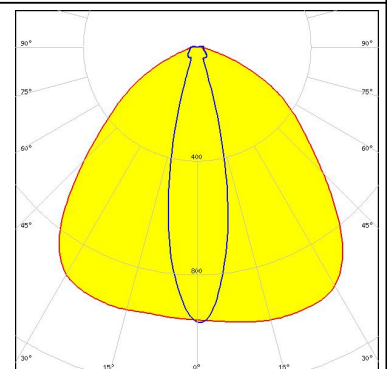
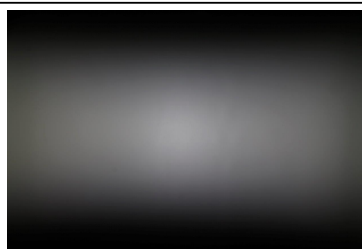
LED NVSxx19A  
 FWHM 100.0 + 20.0°  
 Efficiency 94 %  
 Peak intensity 1.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSOLON Square EC  
 FWHM 92.0 + 21.0°  
 Efficiency 94 %  
 Peak intensity 1.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



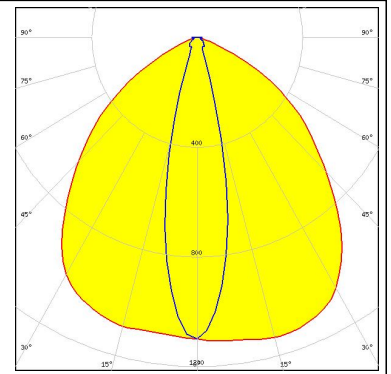
LED LH351B  
 FWHM 98.0 + 24.0°  
 Efficiency 94 %  
 Peak intensity 1.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

#### SAMSUNG

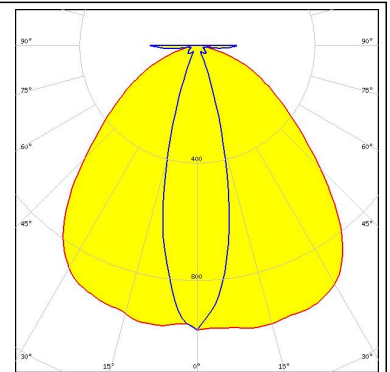
LED LH351Z  
FWHM 99.0 + 25.0°  
Efficiency 94 %  
Peak intensity 1.100 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:



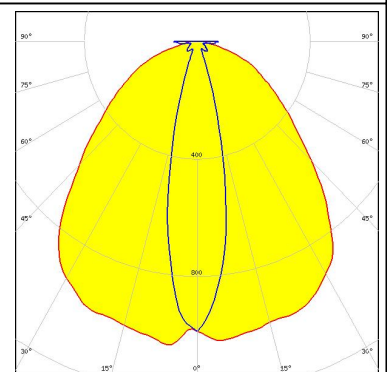
#### PHOTOMETRIC DATA (SIMULATED):



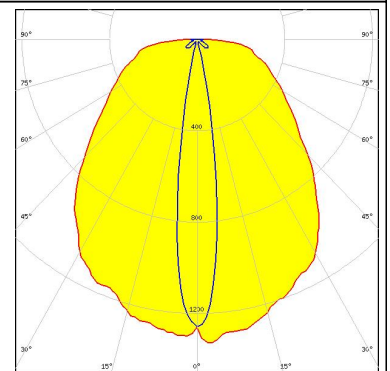
LED XP-G2 HE  
FWHM 96.0 + 26.0°  
Efficiency 94 %  
Peak intensity 0.982 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-G3  
FWHM 94.0 + 22.0°  
Efficiency 94 %  
Peak intensity 1.050 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON C  
FWHM 15.0 + 94.0°  
Efficiency 93 %  
Peak intensity 1.350 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

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

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