

## FLARE-B

29 x 23 mm lens with ~100° x 10° oval beam

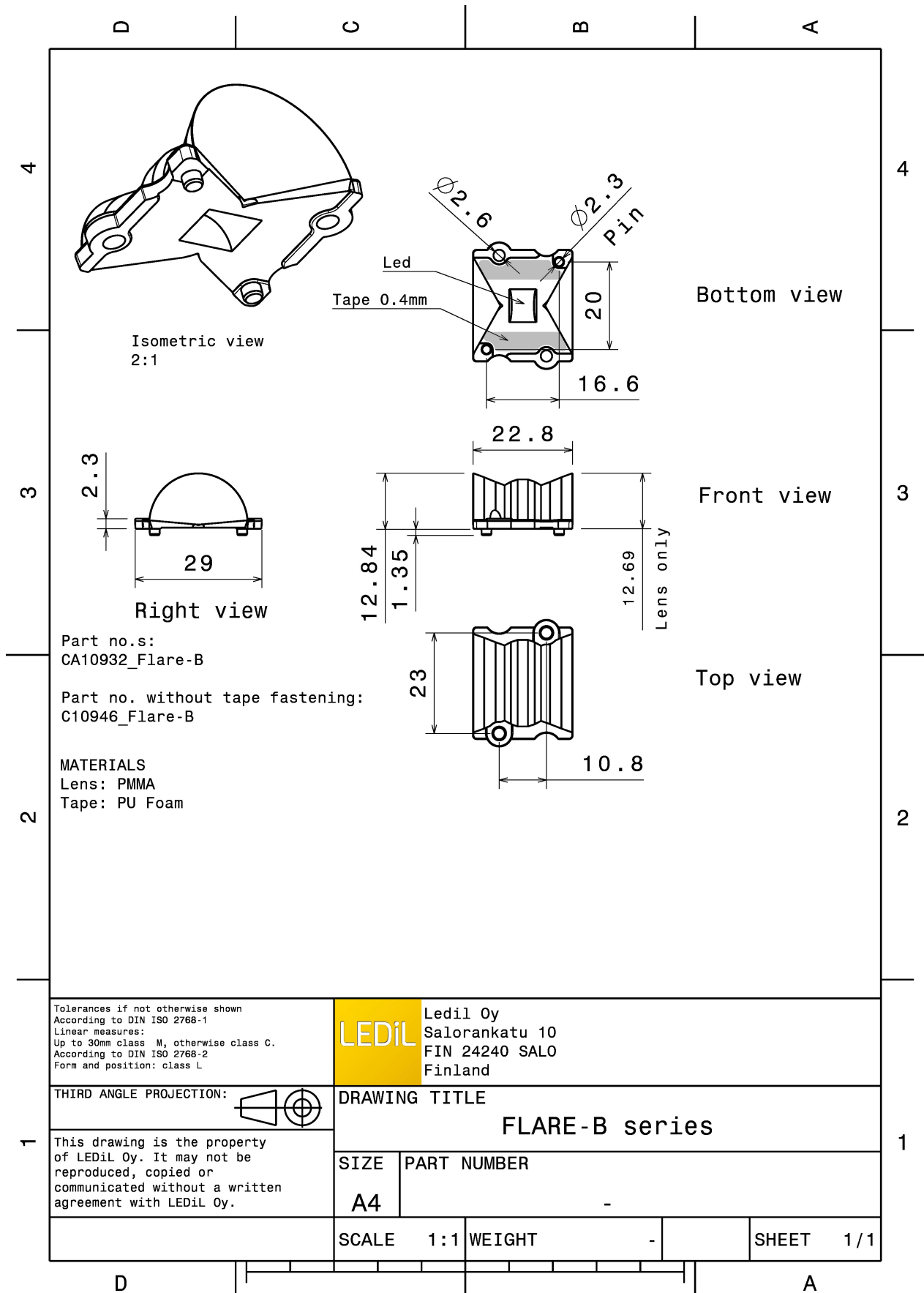
### TECHNICAL SPECIFICATIONS:

Dimensions	29 x 23 mm
Height	12.7 mm
Fastening	glue, screw
Colour	clear
Box size	460 x 250 x 300 mm
Box weight	8.6 kg
Quantity in Box	1792 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

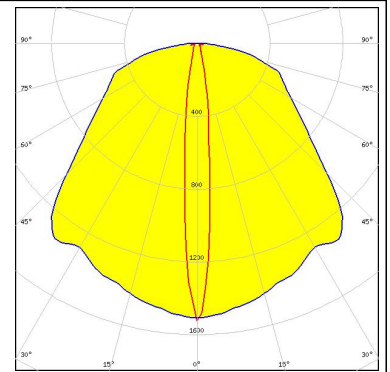
Component	Type	Material	Colour
FLARE-B	Lens	PMMA	clear



### PHOTOMETRIC DATA (MEASURED):

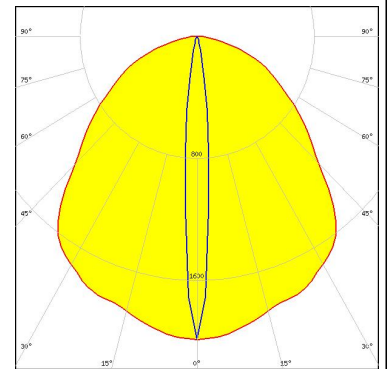
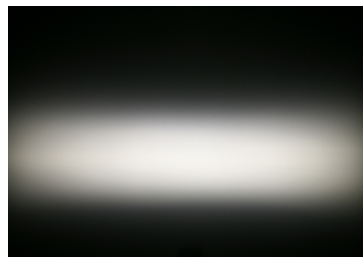
#### CREE

LED XB-D  
 FWHM 10.0 + 108.0°  
 Efficiency 93 %  
 Peak intensity 1.520 cd/lm  
 Required components:



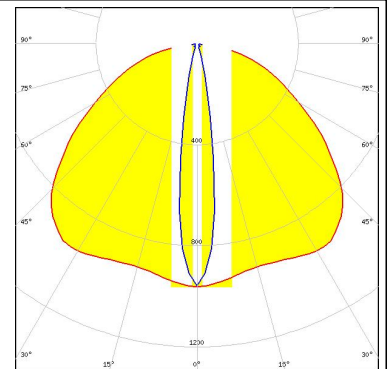
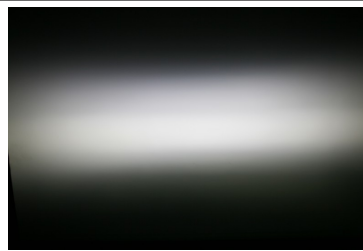
#### CREE

LED XP-E  
 FWHM 12.0 + 96.0°  
 Efficiency 94 %  
 Peak intensity cd/lm  
 Required components:



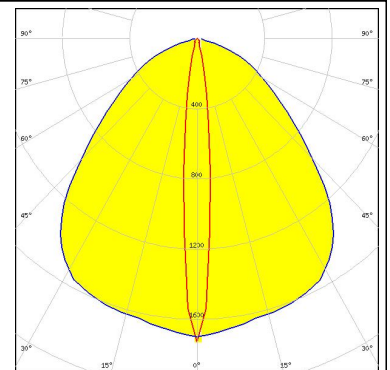
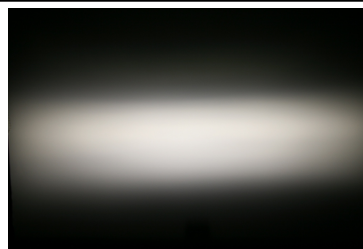
#### CREE

LED XP-G  
 FWHM 14.0 + 112.0°  
 Efficiency 95 %  
 Peak intensity cd/lm  
 Required components:



#### LUMILEDS

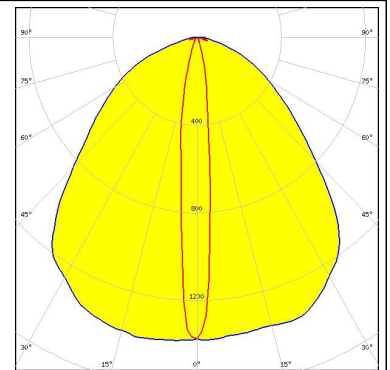
LED LUXEON Rebel  
 FWHM 11.0 + 93.0°  
 Efficiency 94 %  
 Peak intensity cd/lm  
 Required components:



**PHOTOMETRIC DATA (MEASURED):**



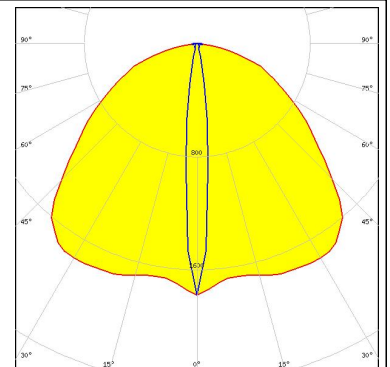
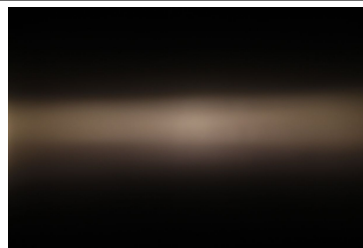
LED LUXEON Rebel ES  
 FWHM 12.0 + 104.0°  
 Efficiency 94 %  
 Peak intensity 1.370 cd/lm  
 Required components:



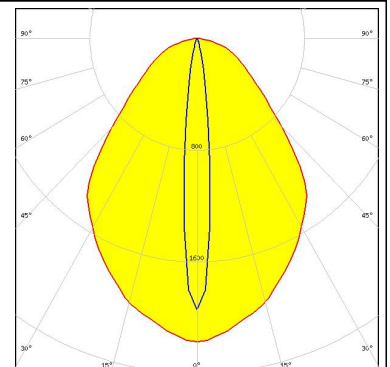
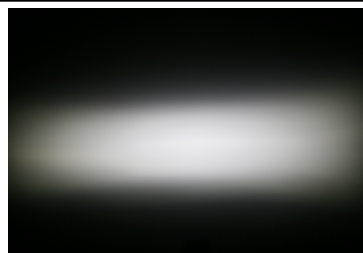
LED NCSxx19A  
 FWHM 9.0 + 88.0°  
 Efficiency 94 %  
 Peak intensity cd/lm  
 Required components:



LED Oslon SSL 150  
 FWHM 9.0 + 117.0°  
 Efficiency 93 %  
 Peak intensity 1.600 cd/lm  
 Required components:



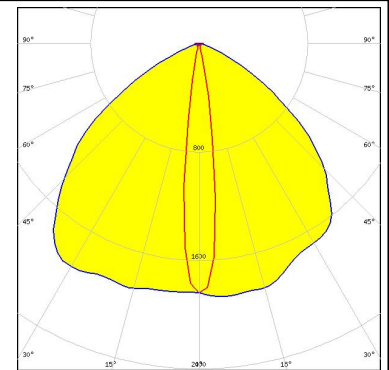
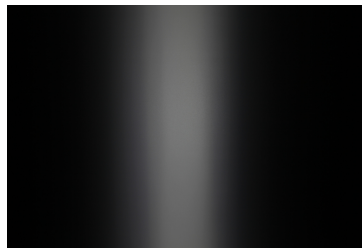
LED Oslon SSL 80  
 FWHM 9.0 + 88.0°  
 Efficiency 95 %  
 Peak intensity cd/lm  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

#### SAMSUNG

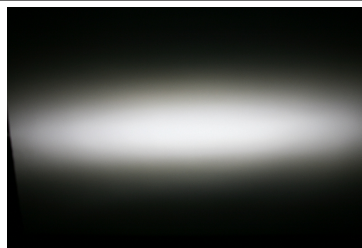
LED LH351Z  
FWHM 14.0 + 106.0°  
Efficiency 94 %  
Peak intensity 1.900 cd/lm  
Required components:



LED Z5  
FWHM 12.0 + 96.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:

#### SHARP

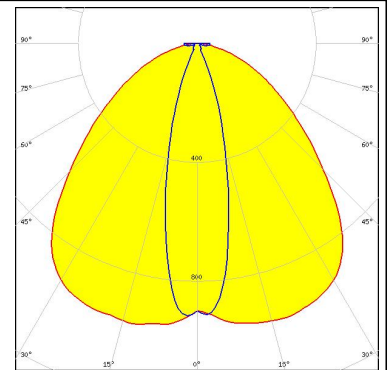
LED Double Dome (GM2BB)  
FWHM 11.0 + 104.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:



### PHOTOMETRIC DATA (SIMULATED):



LED MHB-A/B  
FWHM 26.0 + 100.0°  
Efficiency 94 %  
Peak intensity 0.970 cd/lm  
Required components:



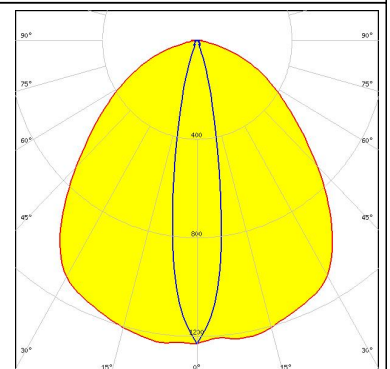
LED XP-E2  
FWHM 18.0 + 108.0°  
Efficiency 94 %  
Peak intensity 1.590 cd/lm  
Required components:



LED XP-G2  
FWHM 22.0 + 108.0°  
Efficiency 94 %  
Peak intensity 1.370 cd/lm  
Required components:



LED Duris S8  
FWHM 19.0 + 97.0°  
Efficiency 94 %  
Peak intensity 1.240 cd/lm  
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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