

## FLARE-MINI-A

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

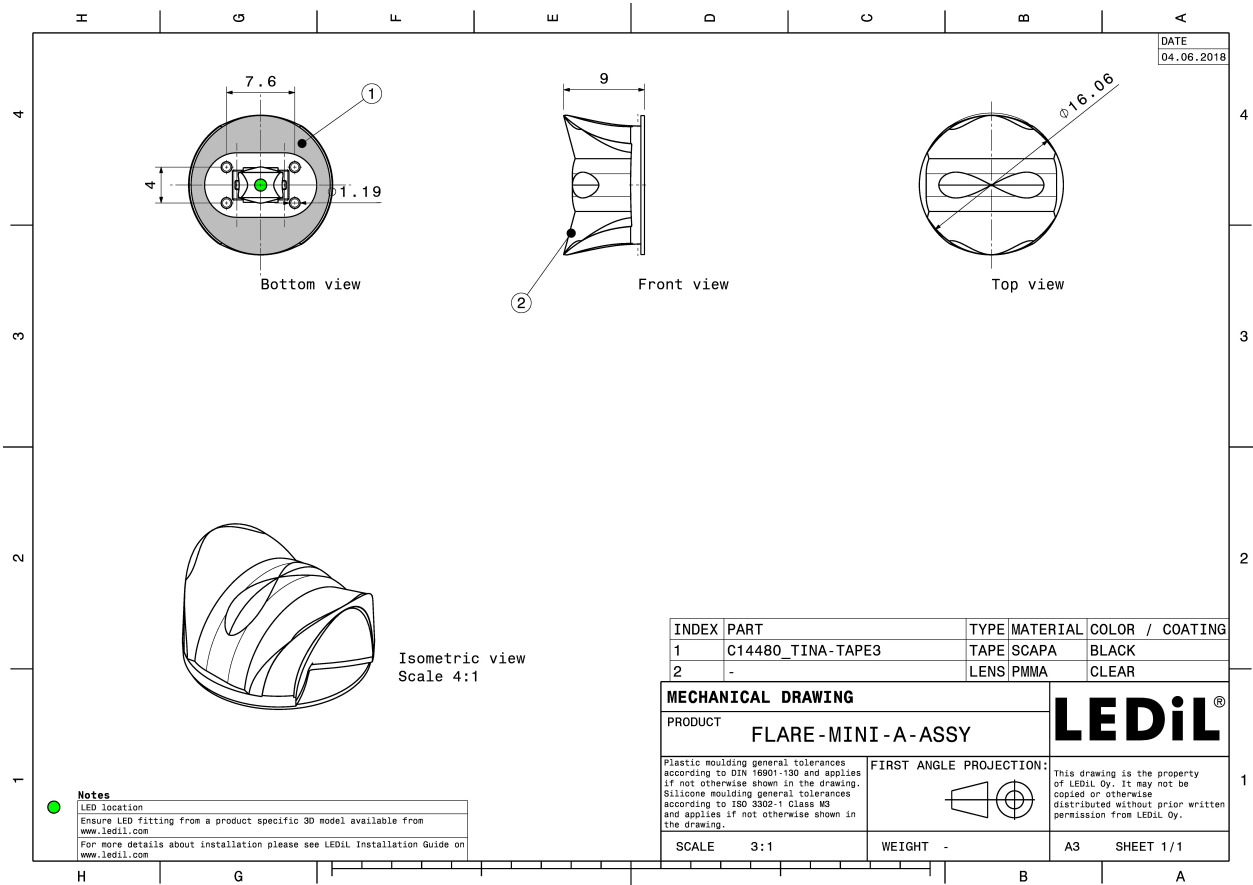
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.0 mm
Height	9.1 mm
Fastening	tape
Colour	clear
Box size	
Box weight	6.7 kg
Quantity in Box	4600 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

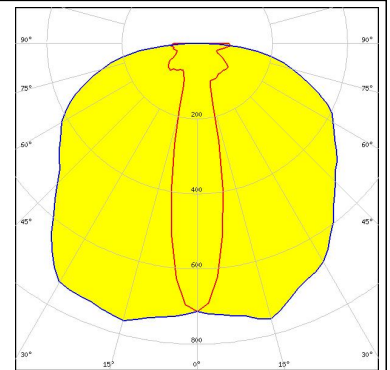
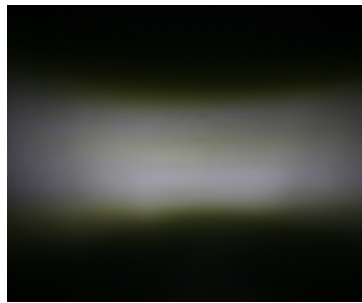
Component	Type	Material	Colour
FLARE-MINI-A	Lens	PMMA	clear
TINA-TAPE3	Tape	PU tape	black



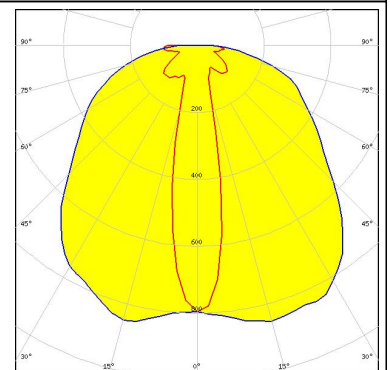
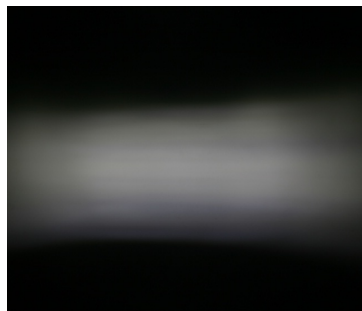
#### PHOTOMETRIC DATA (MEASURED):



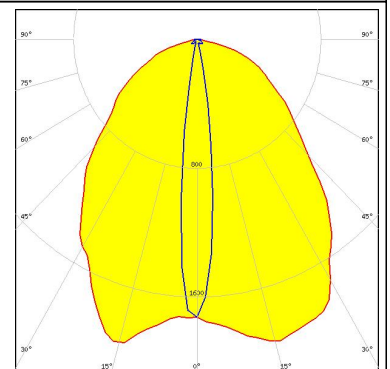
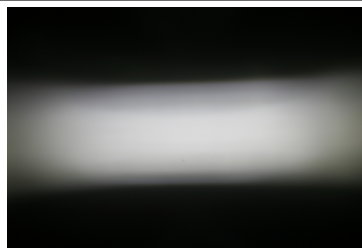
LED XB-D  
 FWHM 130.0 + 21.0°  
 Efficiency 94 %  
 Peak intensity 0.800 cd/lm  
 Required components:



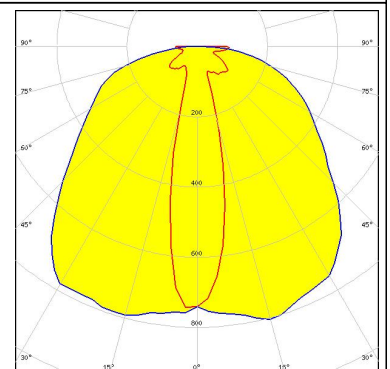
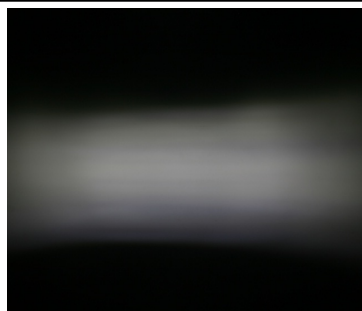
LED XP-E  
 FWHM 113.0 + 20.0°  
 Efficiency 94 %  
 Peak intensity 0.900 cd/lm  
 Required components:



LED XP-E2  
 FWHM 92.0 + 12.0°  
 Efficiency 94 %  
 Peak intensity 2.000 cd/lm  
 Required components:



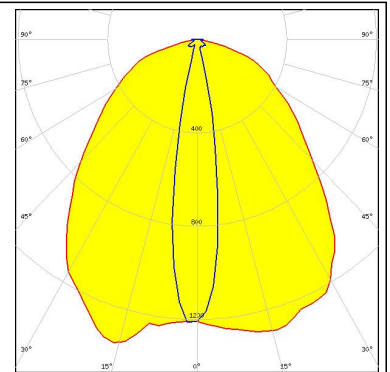
LED XP-G  
 FWHM 114.0 + 22.0°  
 Efficiency 94 %  
 Peak intensity 0.800 cd/lm  
 Required components:



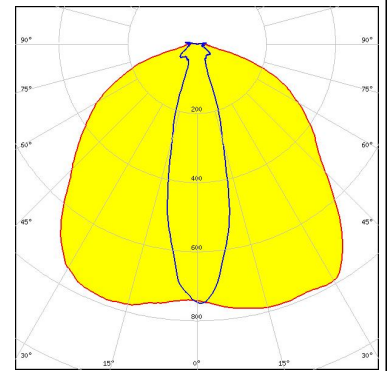
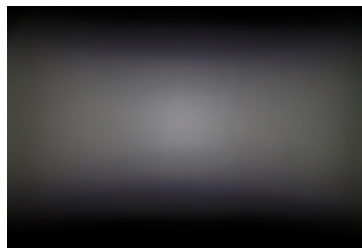
#### PHOTOMETRIC DATA (MEASURED):



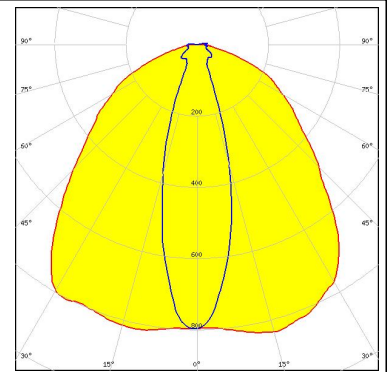
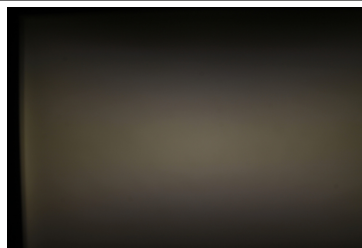
LED XP-G2  
 FWHM 94.0 + 19.0°  
 Efficiency 94 %  
 Peak intensity 1.300 cd/lm  
 Required components:



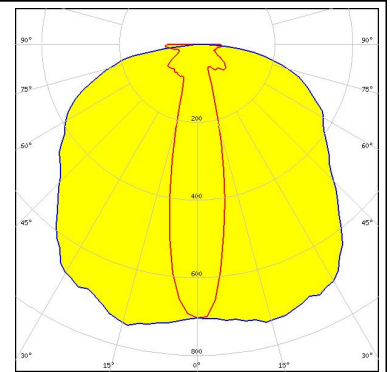
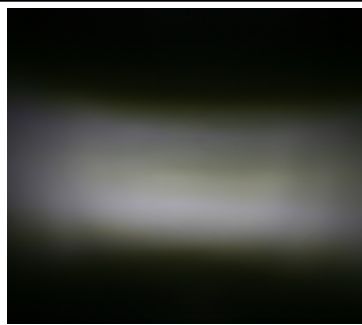
LED XP-L  
 FWHM 114.0 + 25.0°  
 Efficiency 91 %  
 Peak intensity 0.790 cd/lm  
 Required components:



LED XP-L2  
 FWHM 100.0 + 28.0°  
 Efficiency 94 %  
 Peak intensity 0.840 cd/lm  
 Required components:



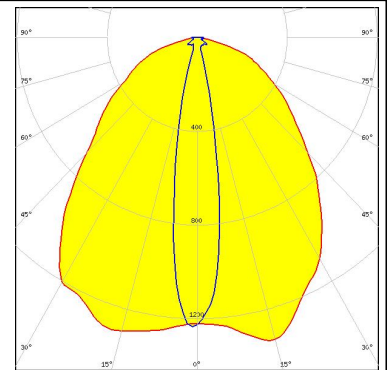
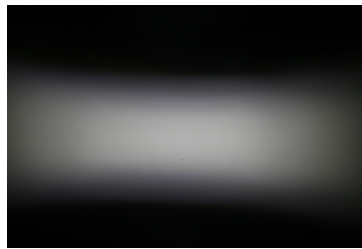
LED XT-E  
 FWHM 124.0 + 22.0°  
 Efficiency 94 %  
 Peak intensity 0.700 cd/lm  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

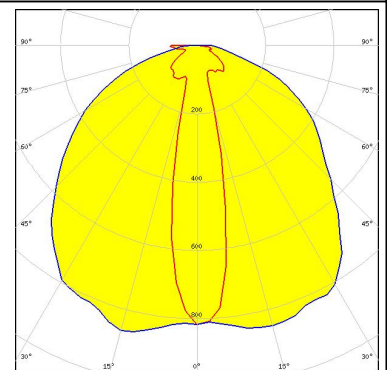
#### LG Innotek

LED H35C1 (LEMWA33)  
FWHM 96.0 + 18.0°  
Efficiency 94 %  
Peak intensity 1.320 cd/lm  
Required components:



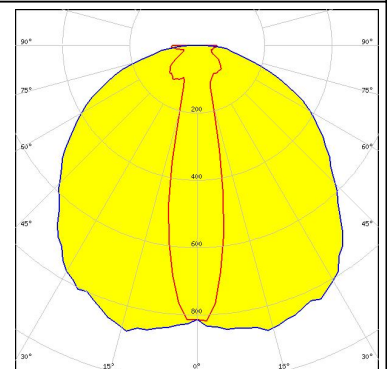
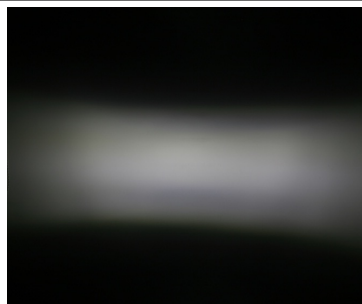
#### LUMILEDS

LED LUXEON Rebel ES  
FWHM 110.0 + 19.0°  
Efficiency 94 %  
Peak intensity 0.900 cd/lm  
Required components:



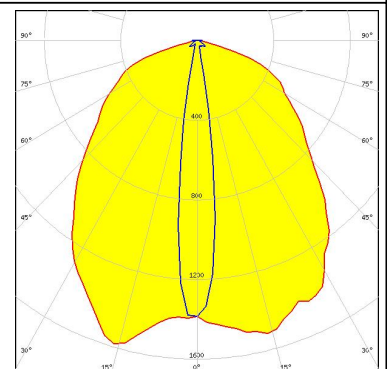
#### NICHIA

LED NCSxx19A  
FWHM 112.0 + 20.0°  
Efficiency 94 %  
Peak intensity 0.900 cd/lm  
Required components:



#### NICHIA

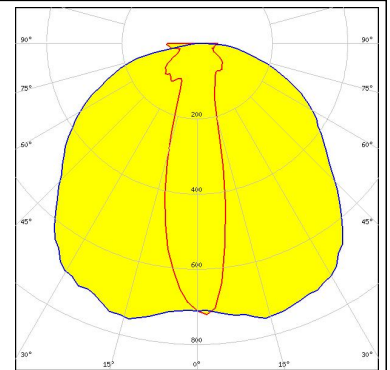
LED NCSxx19B  
FWHM 95.0 + 15.0°  
Efficiency 94 %  
Peak intensity 1.600 cd/lm  
Required components:



### PHOTOMETRIC DATA (MEASURED):

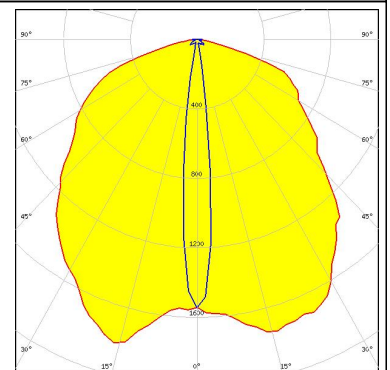
**OSRAM**  
Opto Semiconductors

LED Oslon Square PC  
FWHM 116.0 + 22.0°  
Efficiency 94 %  
Peak intensity 0.800 cd/lm  
Required components:



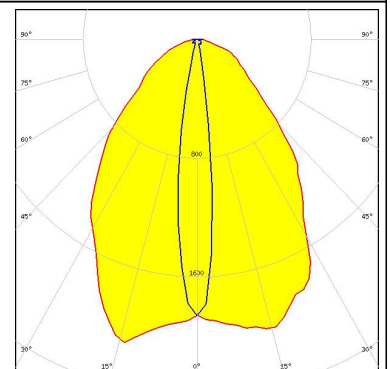
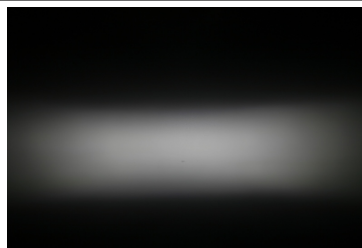
**OSRAM**  
Opto Semiconductors

LED Oslon SSL 150  
FWHM 106.0 + 11.0°  
Efficiency 93 %  
Peak intensity 1.700 cd/lm  
Required components:



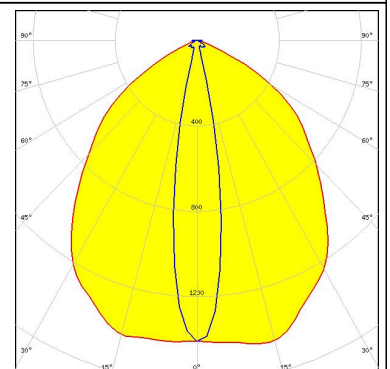
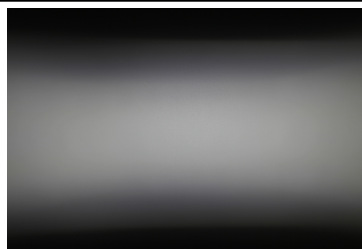
**OSRAM**  
Opto Semiconductors

LED Oslon SSL 80  
FWHM 84.0 + 12.0°  
Efficiency 93 %  
Peak intensity 2.000 cd/lm  
Required components:



**SAMSUNG**

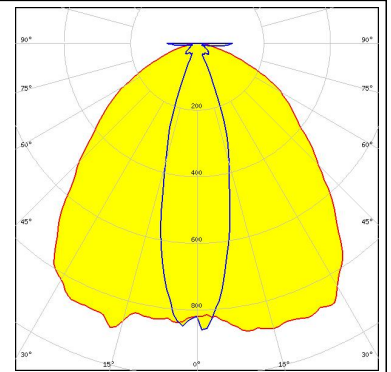
LED LH351Z  
FWHM 95.0 + 19.0°  
Efficiency 94 %  
Peak intensity 1.500 cd/lm  
Required components:



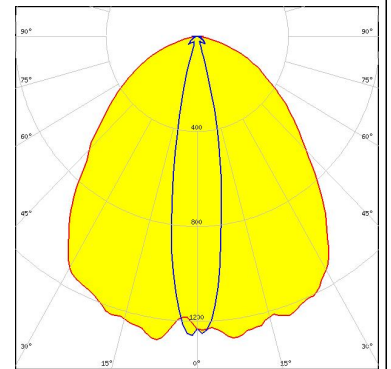
### PHOTOMETRIC DATA (SIMULATED):



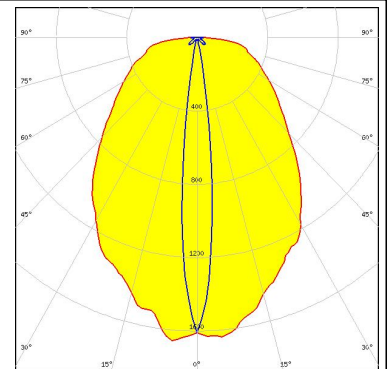
LED XHP35 HD  
FWHM 31.0 + 96.0°  
Efficiency 93 %  
Peak intensity 0.890 cd/lm  
Required components:



LED XHP35 HI  
FWHM 20.0 + 92.0°  
Efficiency 94 %  
Peak intensity 1.300 cd/lm  
Required components:



LED LUXEON C  
FWHM 11.0 + 84.0°  
Efficiency 92 %  
Peak intensity 1.600 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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