

FLARE-MINI-A

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

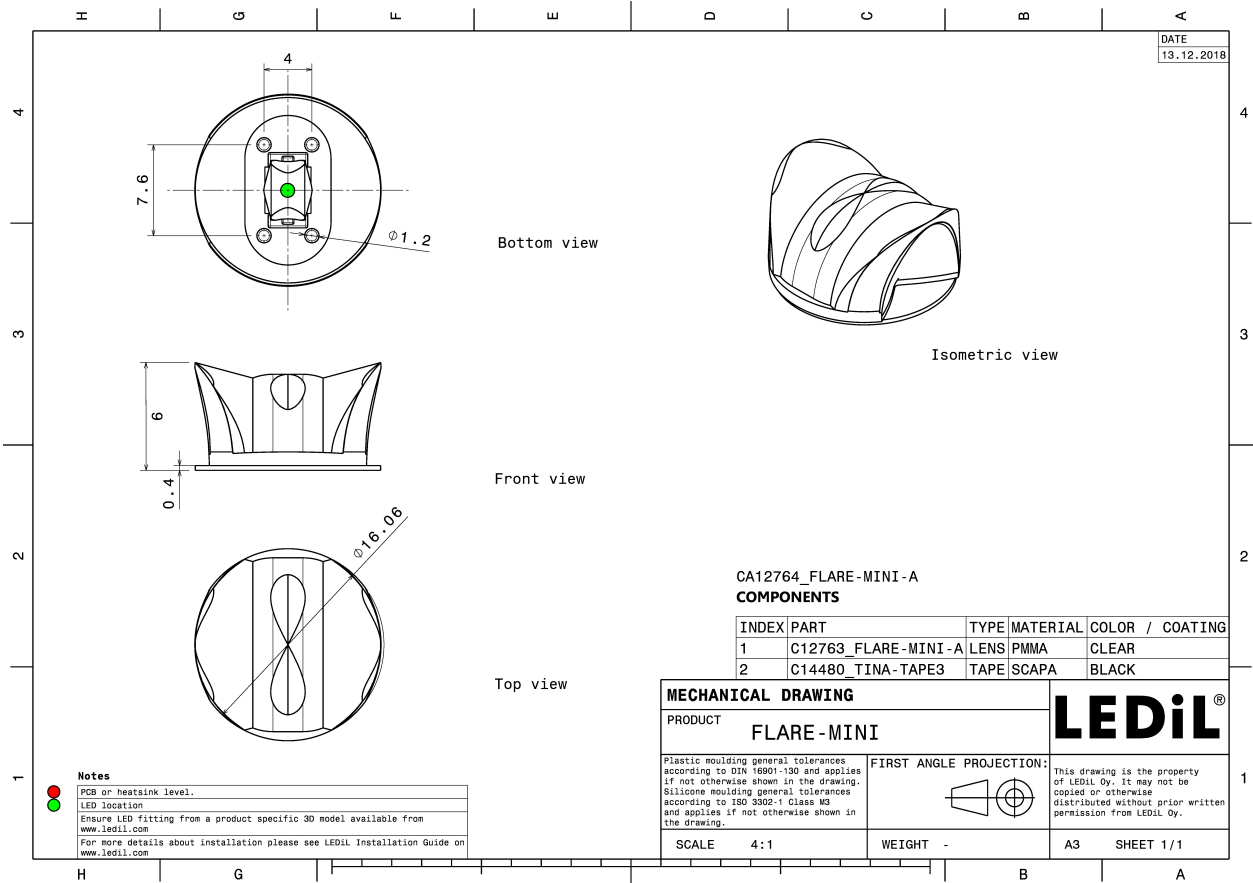
TECHNICAL SPECIFICATIONS:

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:

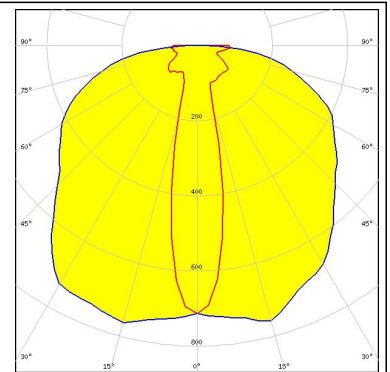
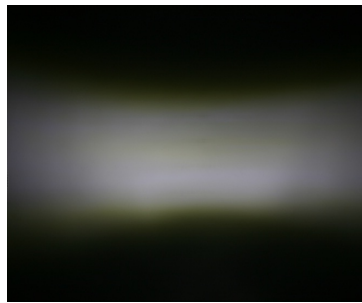
Component	Type	Material	Colour
FLARE-MINI-A	Single lens	PMMA	clear
TINA-TAPE3	Tape	PU tape	black



PHOTOMETRIC DATA (MEASURED):

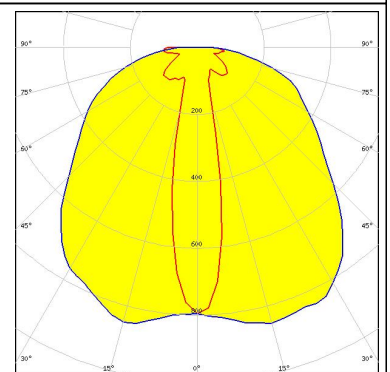
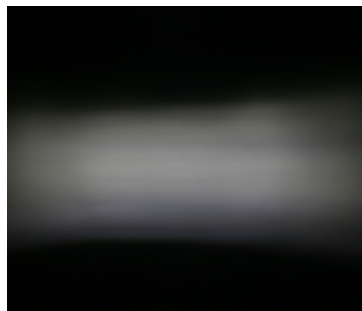
CREE

LED XB-D
 FWHM 130.0 + 21.0°
 Efficiency 94 %
 Peak intensity 0.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



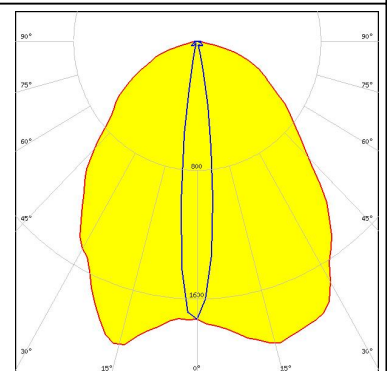
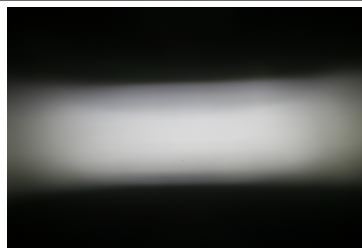
CREE

LED XP-E
 FWHM 113.0 + 20.0°
 Efficiency 94 %
 Peak intensity 0.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



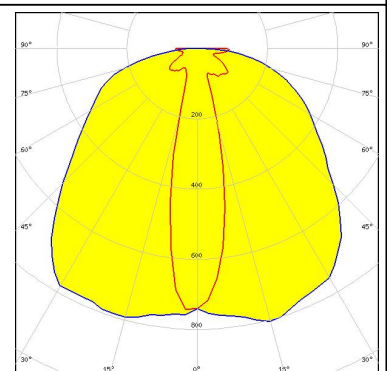
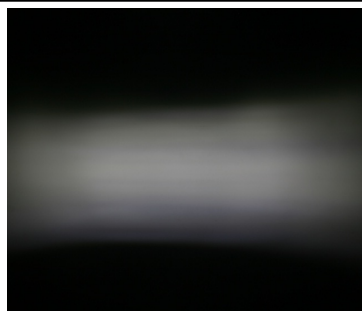
CREE

LED XP-E2
 FWHM 92.0 + 12.0°
 Efficiency 94 %
 Peak intensity 2.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

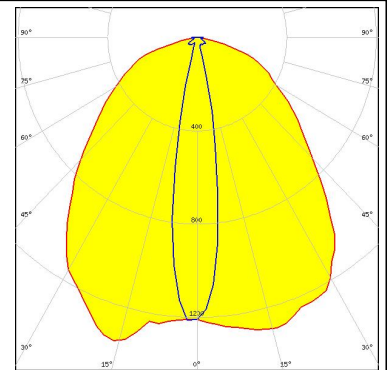
LED XP-G
 FWHM 114.0 + 22.0°
 Efficiency 94 %
 Peak intensity 0.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

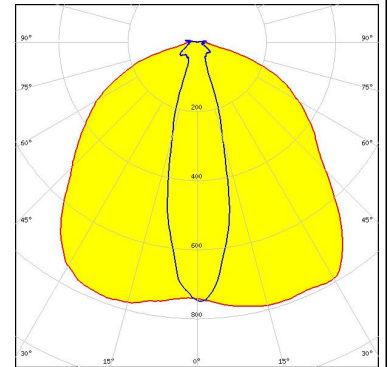
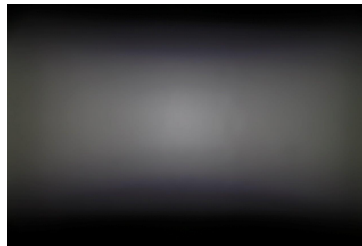
CREE

LED XP-G2
 FWHM 94.0 + 19.0°
 Efficiency 94 %
 Peak intensity 1.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



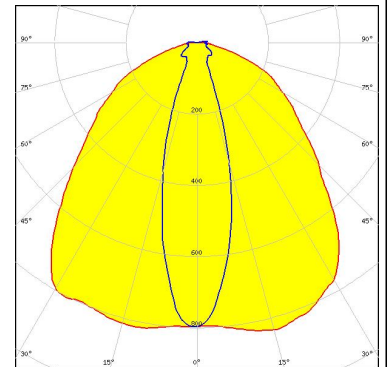
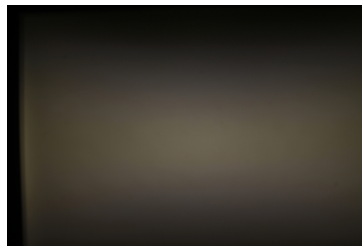
CREE

LED XP-L HD
 FWHM 114.0 + 25.0°
 Efficiency 91 %
 Peak intensity 0.790 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



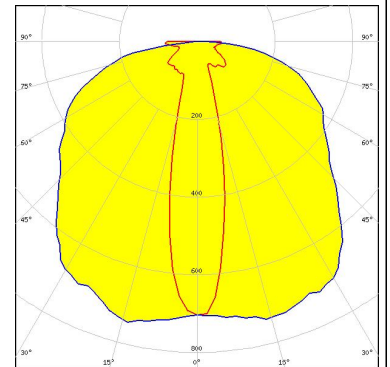
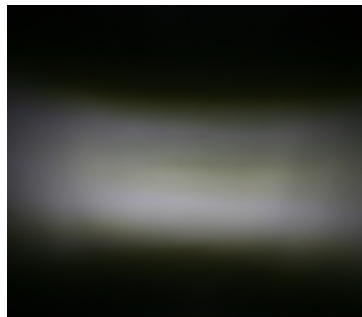
CREE

LED XP-L2
 FWHM 100.0 + 28.0°
 Efficiency 94 %
 Peak intensity 0.840 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

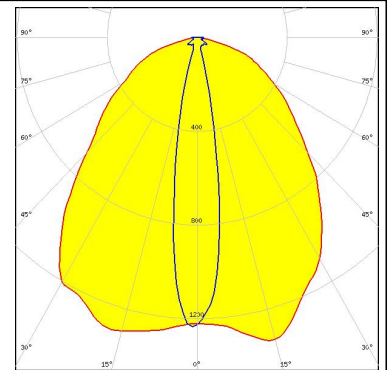
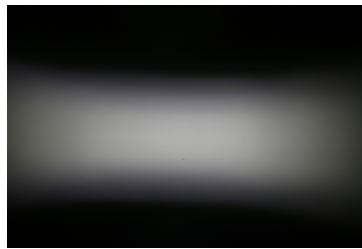
LED XT-E
 FWHM 124.0 + 22.0°
 Efficiency 94 %
 Peak intensity 0.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

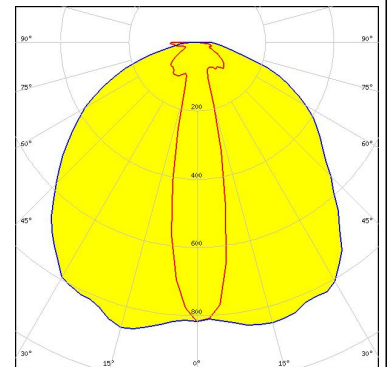
LG Innotek

LED H35C1 (LEMWA33)
FWHM 96.0 + 18.0°
Efficiency 94 %
Peak intensity 1.320 cd/lm
LEDs/each optic 1
Light colour White
Required components:



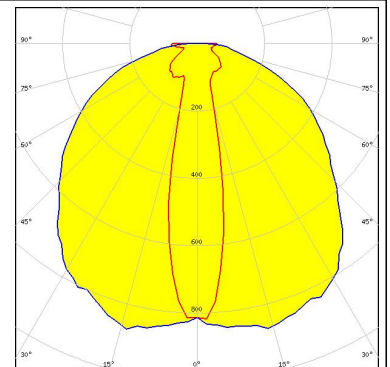
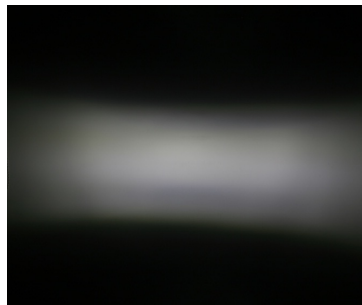
LUMILEDS

LED LUXEON Rebel ES
FWHM 110.0 + 19.0°
Efficiency 94 %
Peak intensity 0.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



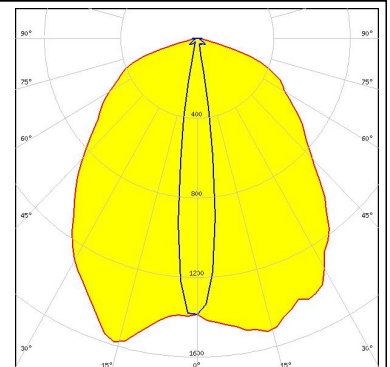
NICHIA

LED NCSxx19A
FWHM 112.0 + 20.0°
Efficiency 94 %
Peak intensity 0.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

LED NCSxx19B
FWHM 95.0 + 15.0°
Efficiency 94 %
Peak intensity 1.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:

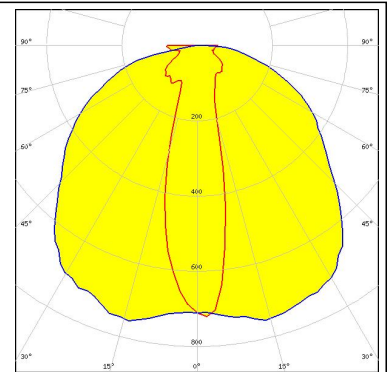
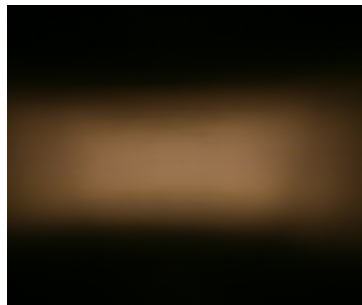


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

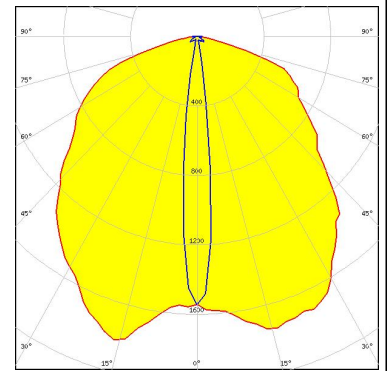
LED Oslon Square PC
 FWHM 116.0 + 22.0°
 Efficiency 94 %
 Peak intensity 0.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

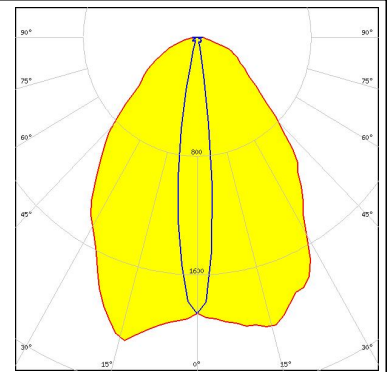
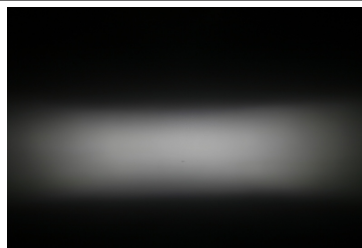
LED Oslon SSL 150
 FWHM 106.0 + 11.0°
 Efficiency 93 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

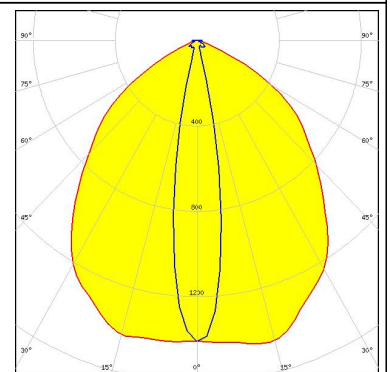
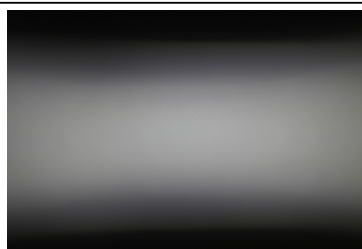
Opto Semiconductors

LED Oslon SSL 80
 FWHM 84.0 + 12.0°
 Efficiency 93 %
 Peak intensity 2.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

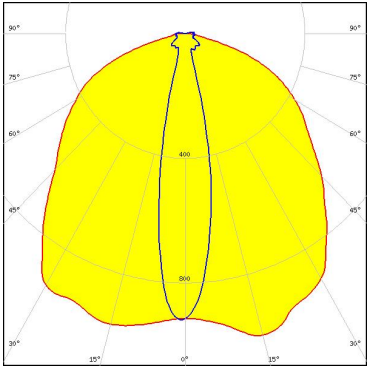


SAMSUNG

LED LH351Z
 FWHM 95.0 + 19.0°
 Efficiency 94 %
 Peak intensity 1.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



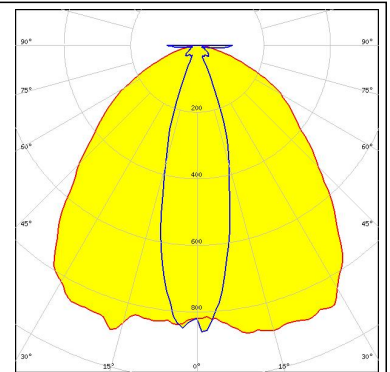
PHOTOMETRIC DATA (MEASURED):

 SEOUL SEMICONDUCTOR			
LED	Z8Y22P		
FWHM	115.0 + 21.0°		
Efficiency	94 %		
Peak intensity	1.000 cd/m		
LEDs/each optic	1		
Light colour	White		
Required components:			

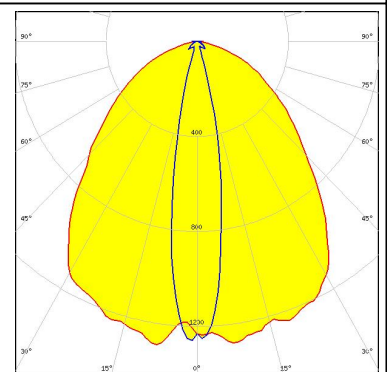
PHOTOMETRIC DATA (SIMULATED):



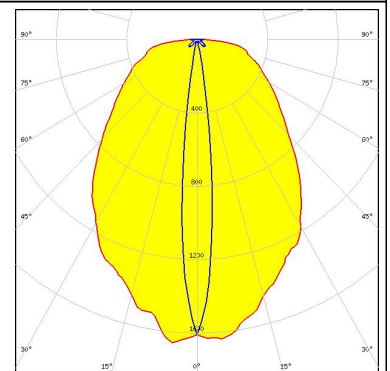
LED XHP35 HD
FWHM 31.0 + 96.0°
Efficiency 93 %
Peak intensity 0.890 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP35 HI
FWHM 20.0 + 92.0°
Efficiency 94 %
Peak intensity 1.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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