

FLARE-B

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

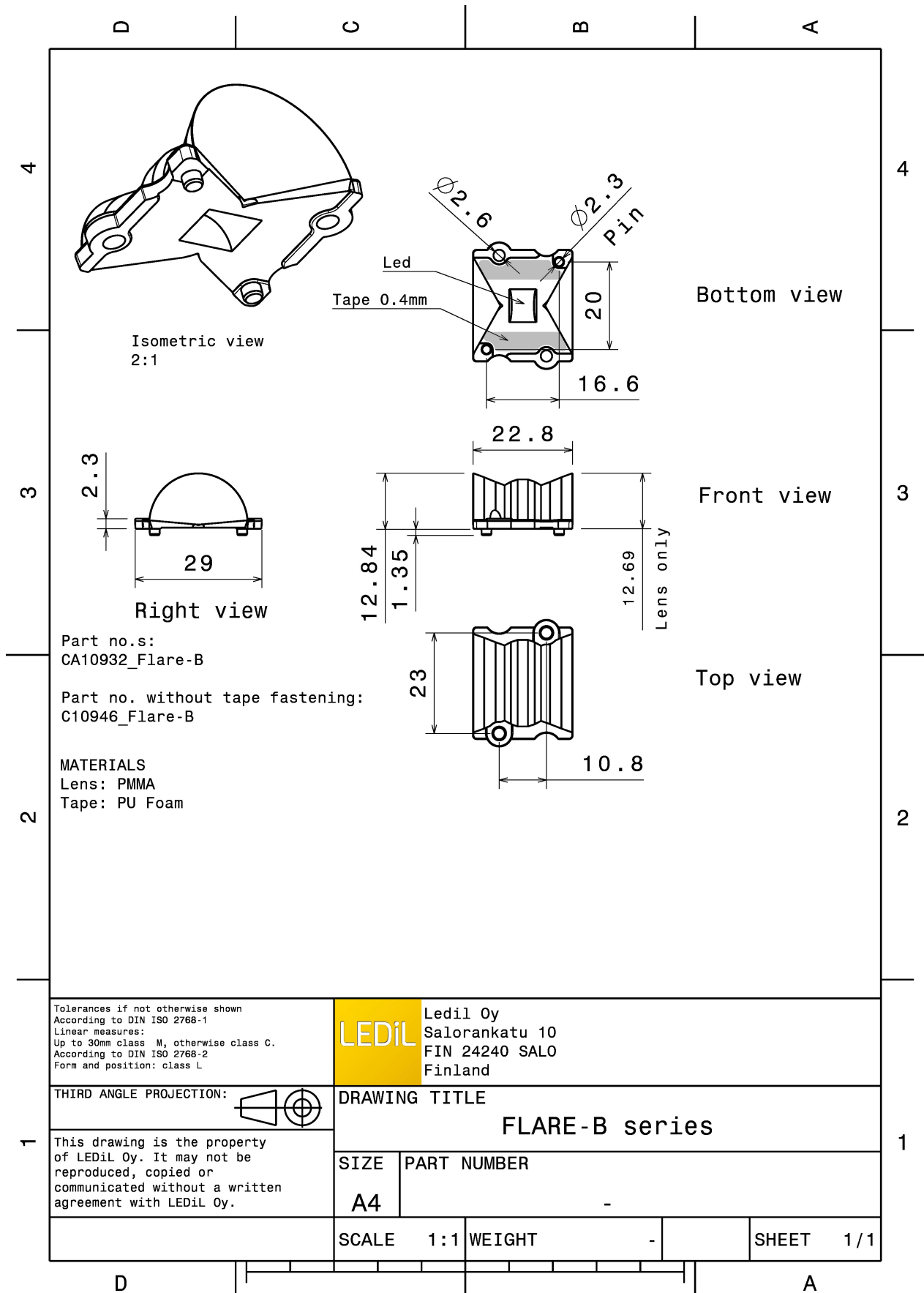
TECHNICAL SPECIFICATIONS:

Dimensions	29.0 x 23.0 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	Single lens	PMMA	clear



Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

LEDiL LediL Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
FLARE-B series

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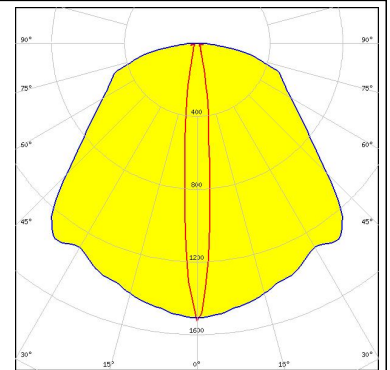
SIZE	PART NUMBER
A4	-

SCALE	1:1	WEIGHT	-	SHEET	1/1
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PHOTOMETRIC DATA (MEASURED):

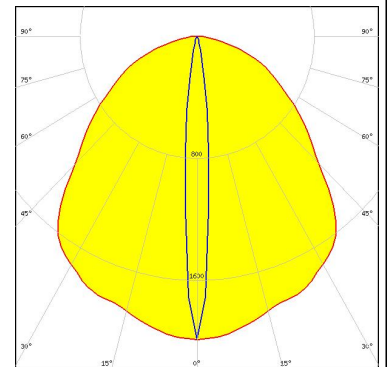
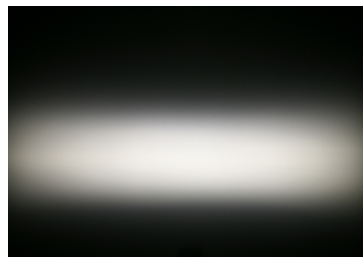
CREE

LED XB-D
 FWHM 10.0 + 108.0°
 Efficiency 93 %
 Peak intensity 1.520 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



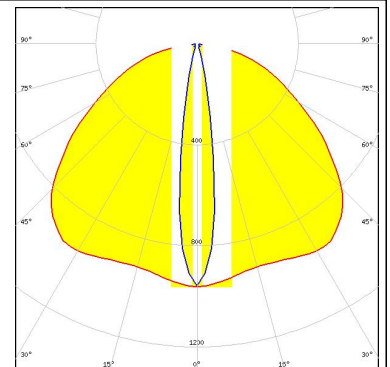
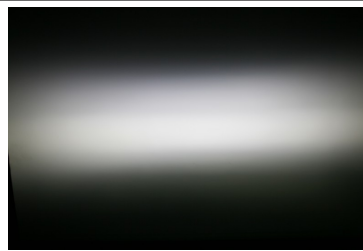
CREE

LED XP-E
 FWHM 12.0 + 96.0°
 Efficiency 94 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



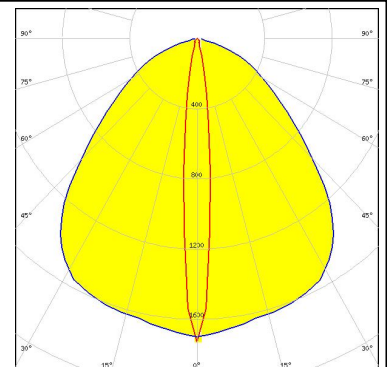
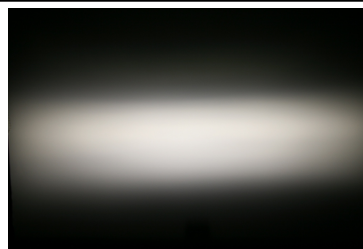
CREE

LED XP-G
 FWHM 14.0 + 112.0°
 Efficiency 95 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

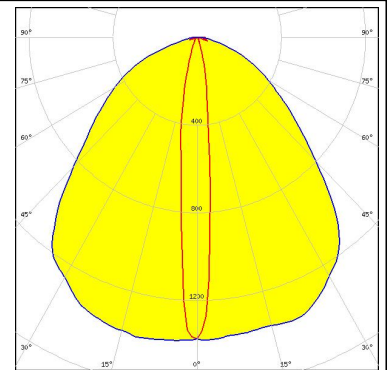
LED LUXEON Rebel
 FWHM 11.0 + 93.0°
 Efficiency 94 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON Rebel ES
 FWHM 12.0 + 104.0°
 Efficiency 94 %
 Peak intensity 1.370 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

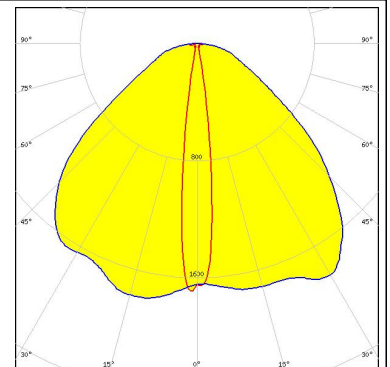
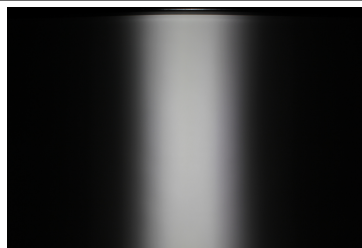


NICHIA

LED NCSxx19A
 FWHM 9.0 + 88.0°
 Efficiency 94 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

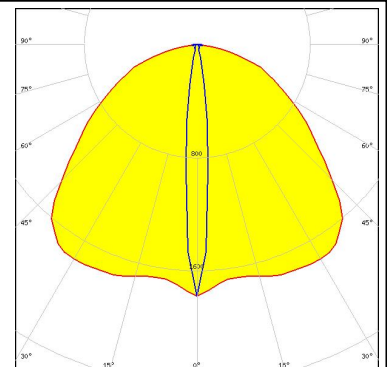
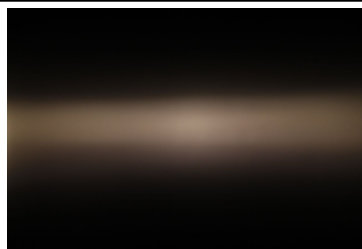
OSRAM
Opto Semiconductors

LED Oslon Square EC
 FWHM 13.0 + 107.0°
 Efficiency 94 %
 Peak intensity 1.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM
Opto Semiconductors

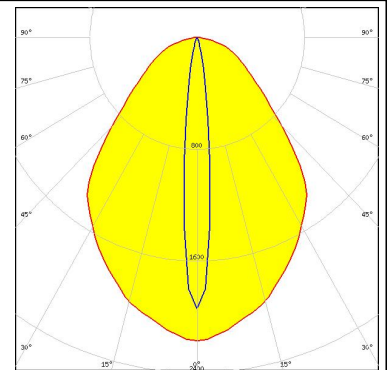
LED Oslon SSL 150
 FWHM 9.0 + 117.0°
 Efficiency 93 %
 Peak intensity 1.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

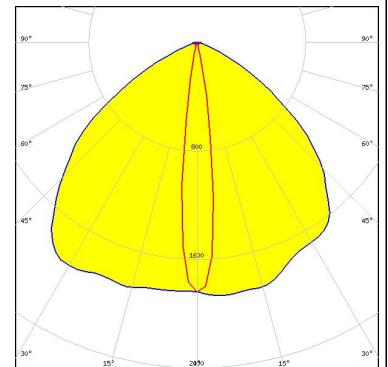
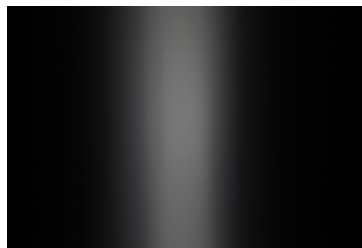
OSRAM
Opto Semiconductors

LED Oslon SSL 80
FWHM 9.0 + 88.0°
Efficiency 95 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH351Z
FWHM 14.0 + 106.0°
Efficiency 94 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:

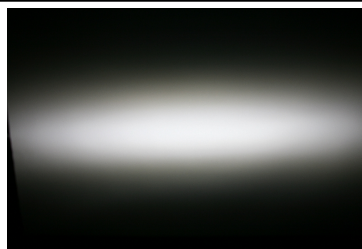


SEOUL SEMICONDUCTOR

LED Z5
FWHM 12.0 + 96.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

SHARP

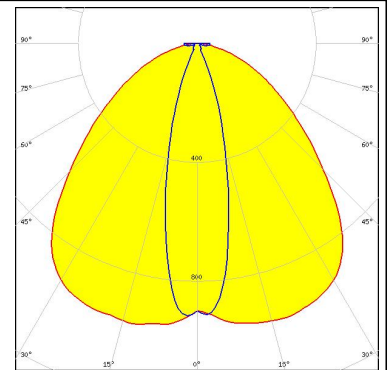
LED Double Dome (GM2BB)
FWHM 11.0 + 104.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED MHB-A/B
FWHM 26.0 + 100.0°
Efficiency 94 %
Peak intensity 0.970 cd/lm
LEDs/each optic 1
Light colour White
Required components:



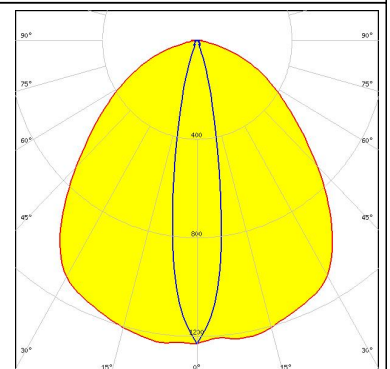
LED XP-E2
FWHM 18.0 + 108.0°
Efficiency 94 %
Peak intensity 1.590 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G2
FWHM 22.0 + 108.0°
Efficiency 94 %
Peak intensity 1.370 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Duris S8
FWHM 19.0 + 97.0°
Efficiency 94 %
Peak intensity 1.240 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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