

SATU-W

~35° wide beam optimized for CREE XT-E

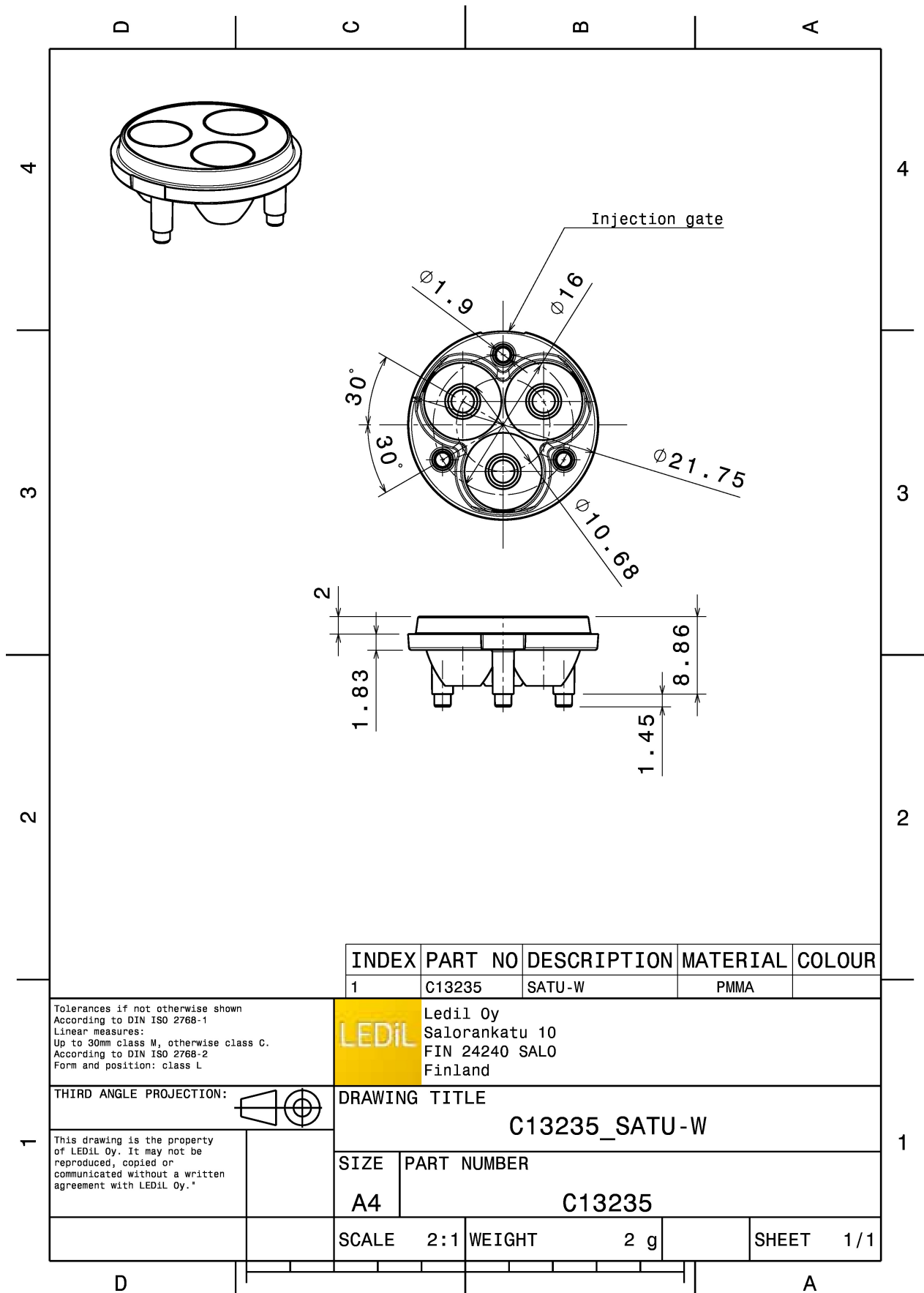
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.8 mm
Height	8.9 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.7 kg
Quantity in Box	2880 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
SATU-W	Lens array	PMMA	clear



PHOTOMETRIC DATA (MEASURED):

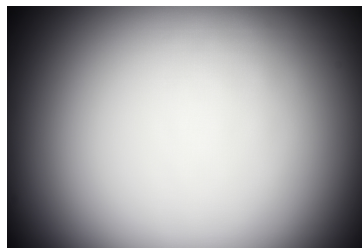
CREE

LED XB-D
FWHM 31.0°
Efficiency 77 %
Peak intensity 2.100 cd/lm
Required components:



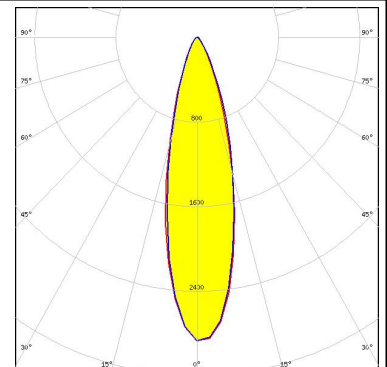
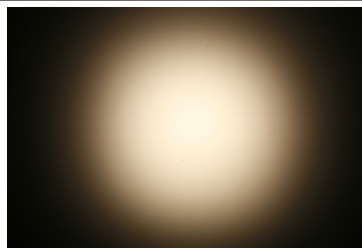
CREE

LED XP-E
FWHM 33.0°
Efficiency 84 %
Peak intensity 2.200 cd/lm
Required components:



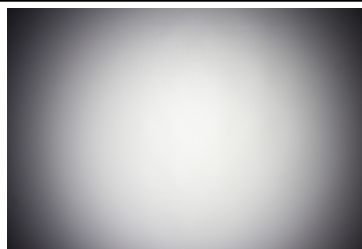
CREE

LED XP-E2
FWHM 27.0°
Efficiency 86 %
Peak intensity 2.900 cd/lm
Required components:



CREE

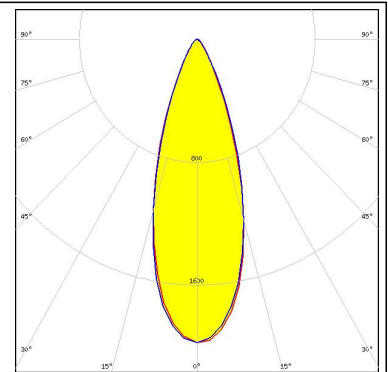
LED XP-G
FWHM 34.0°
Efficiency 82 %
Peak intensity 1.900 cd/lm
Required components:



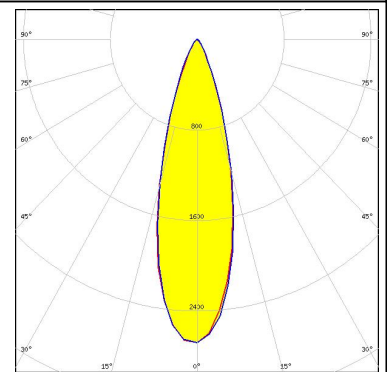
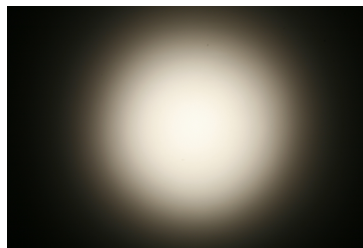
PHOTOMETRIC DATA (MEASURED):



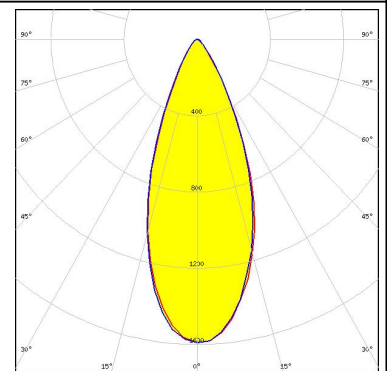
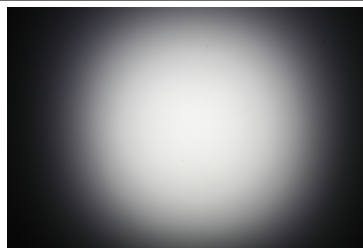
LED XP-G2
 FWHM 35.0°
 Efficiency 87 %
 Peak intensity 2.000 cd/lm
 Required components:



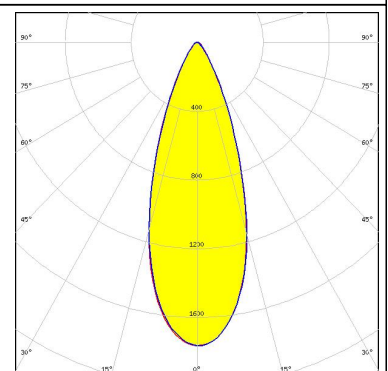
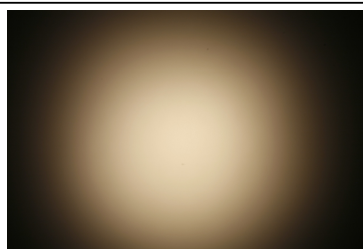
LED H35B0 (LEMWA32)
 FWHM 29.0°
 Efficiency 86 %
 Peak intensity 2.700 cd/lm
 Required components:



LED H35C0 (LEMWA33)
 FWHM 41.0°
 Efficiency 86 %
 Peak intensity 1.600 cd/lm
 Required components:



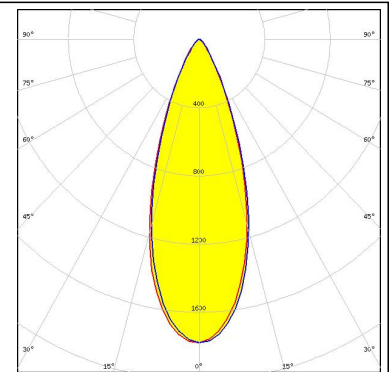
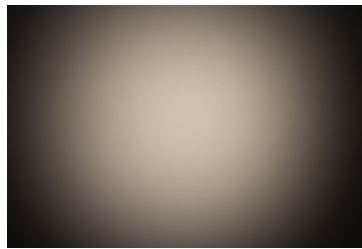
LED LUXEON T
 FWHM 37.0°
 Efficiency 87 %
 Peak intensity 1.800 cd/lm
 Required components:



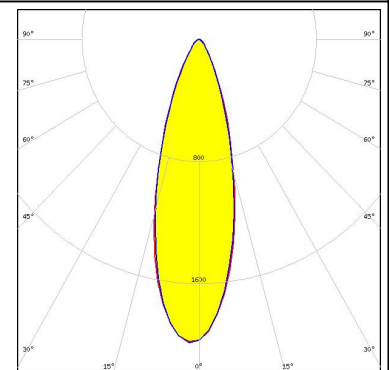
PHOTOMETRIC DATA (MEASURED):



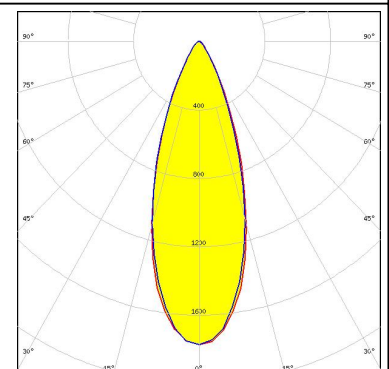
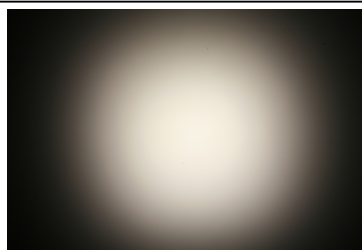
LED LUXEON TX
 FWHM 38.0°
 Efficiency 86 %
 Peak intensity 1.800 cd/lm
 Required components:



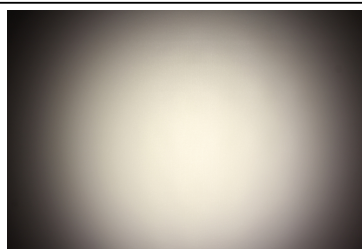
LED NF2x757A
 FWHM 32.0°
 Efficiency 80 %
 Peak intensity 2.000 cd/lm
 Required components:



LED Oslon Square EC
 FWHM 37.0°
 Efficiency 85 %
 Peak intensity 1.800 cd/lm
 Required components:



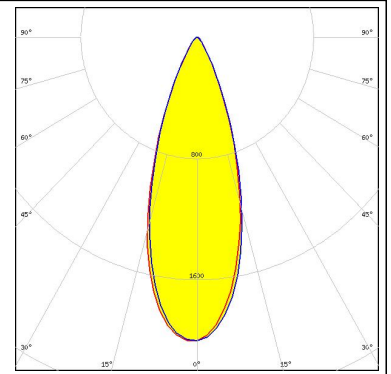
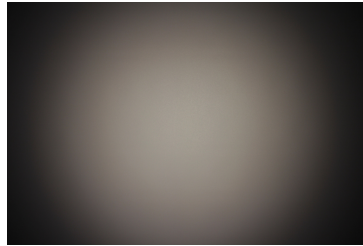
LED Oslon SSL 80
 FWHM 30.0°
 Efficiency 80 %
 Peak intensity 2.400 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

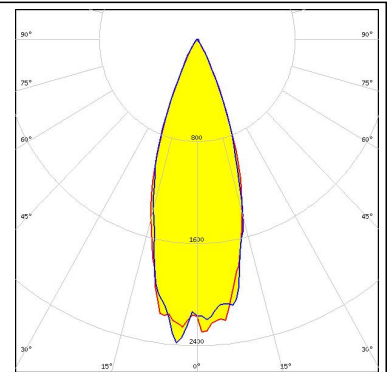
LED LH351Z
FWHM 36.0°
Efficiency 87 %
Peak intensity 2.000 cd/lm
Required components:



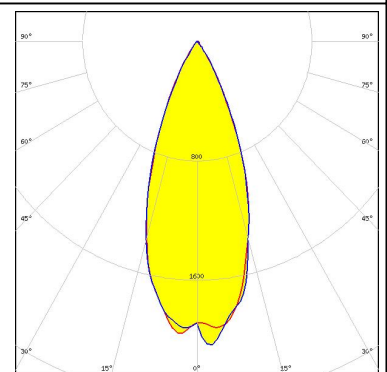
PHOTOMETRIC DATA (SIMULATED):



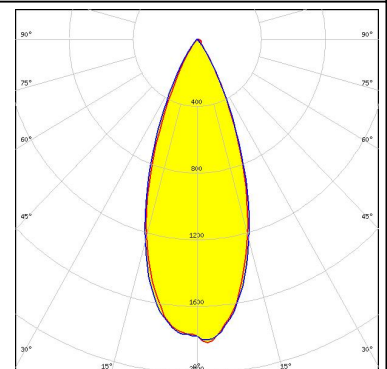
LED XT-E
 FWHM 34.0°
 Efficiency %
 Peak intensity cd/lm
 Required components:



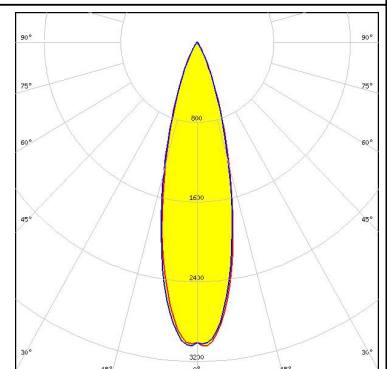
LED LUXEON H50-2
 FWHM 40.0°
 Efficiency %
 Peak intensity 2.000 cd/lm
 Required components:



LED NVSxx19B/NVSxx19C
 FWHM 39.0°
 Efficiency 87 %
 Peak intensity 1.810 cd/lm
 Required components:



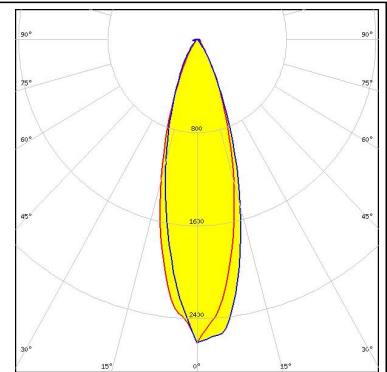
LED Oslon Black
 FWHM 27.0°
 Efficiency 85 %
 Peak intensity 3.100 cd/lm
 Required components:



PHOTOMETRIC DATA (SIMULATED):

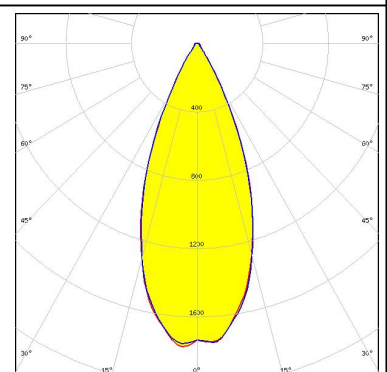
OSRAM
Opto Semiconductors

LED Synios P2720 1/2 mm
FWHM 30.0°
Efficiency 94 %
Peak intensity 2.670 cd/lm
Required components:



SAMSUNG

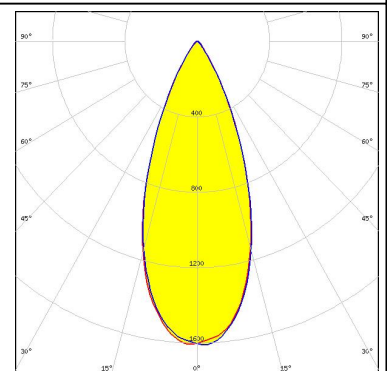
LED LH351B
FWHM 42.0°
Efficiency 94 %
Peak intensity 1.800 cd/lm
Required components:



SEOL

SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM 41.0°
Efficiency 87 %
Peak intensity 1.620 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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