

SATU-O

~40° + 20° oval beam optimized for CREE XT-E

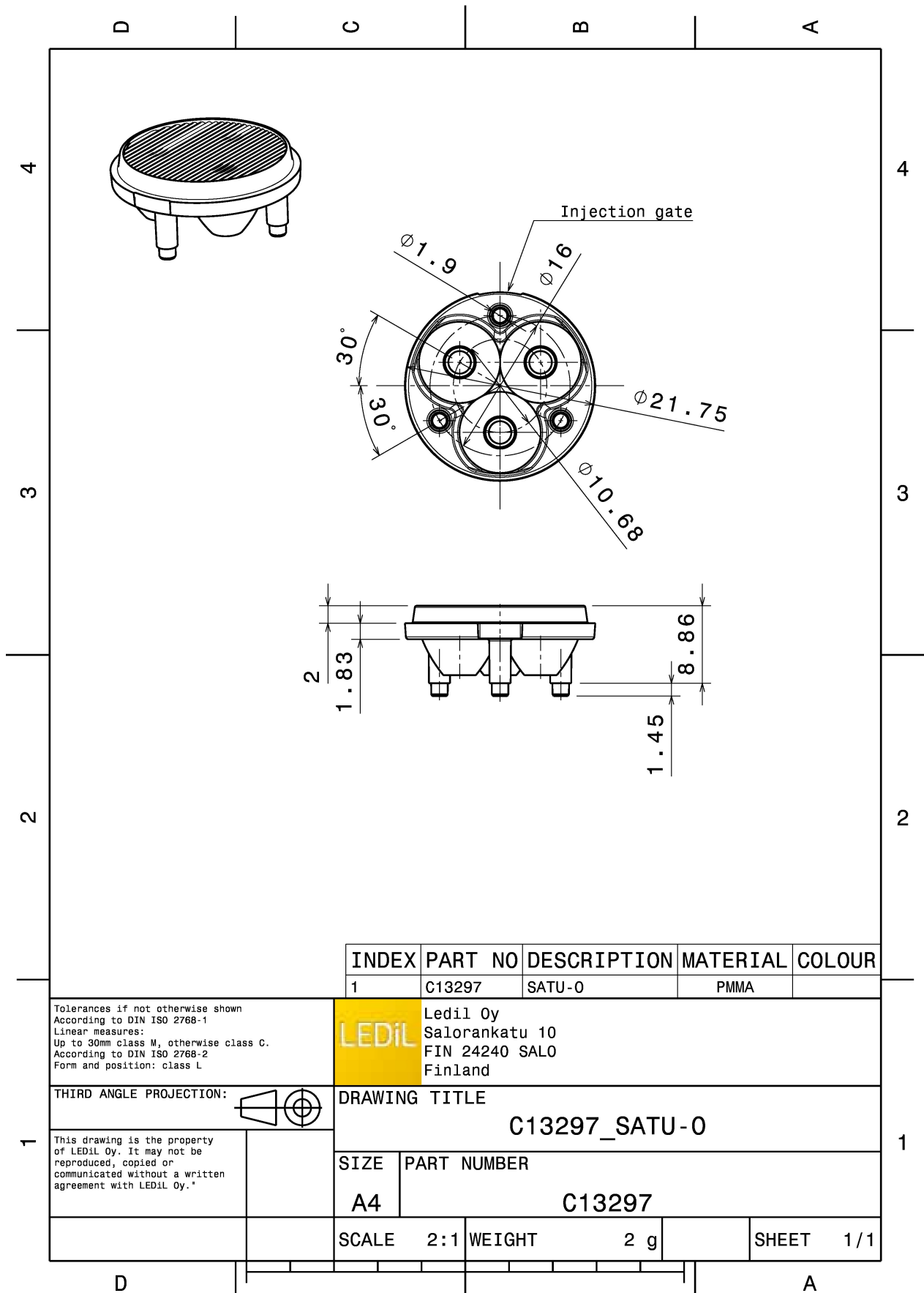
TECHNICAL SPECIFICATIONS:

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-O	Lens array	PMMA	clear



PHOTOMETRIC DATA (MEASURED):

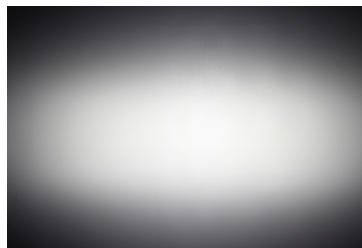
CREE

LED XB-D
FWHM 42.0 + 22.0°
Efficiency 77 %
Peak intensity 2.000 cd/lm
Required components:



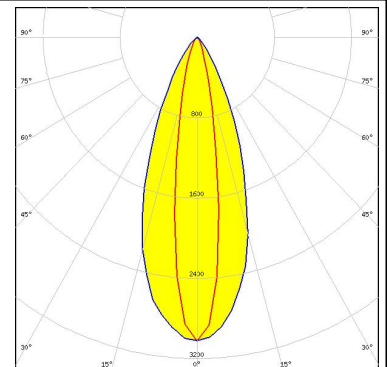
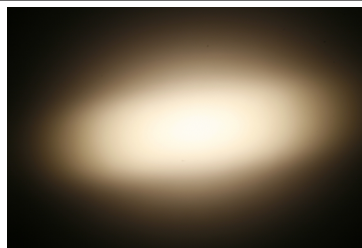
CREE

LED XP-E
FWHM 41.0 + 17.0°
Efficiency 83 %
Peak intensity 2.900 cd/lm
Required components:



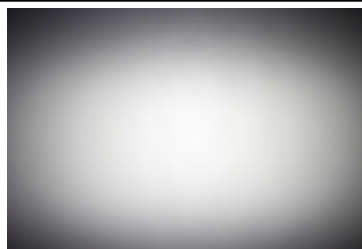
CREE

LED XP-E2
FWHM 40.0 + 17.0°
Efficiency 85 %
Peak intensity 3.000 cd/lm
Required components:



CREE

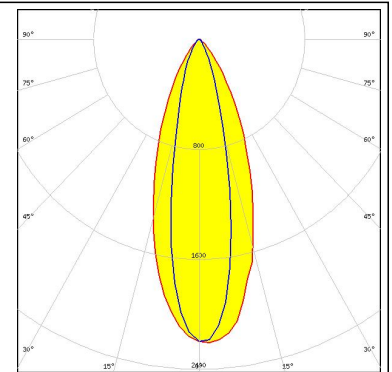
LED XP-G
FWHM 39.0 + 23.0°
Efficiency 79 %
Peak intensity 2.200 cd/lm
Required components:



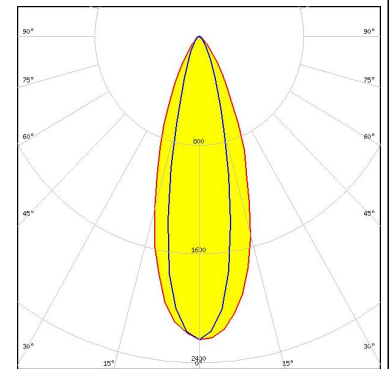
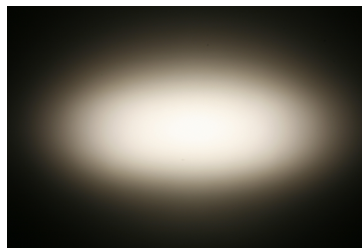
PHOTOMETRIC DATA (MEASURED):



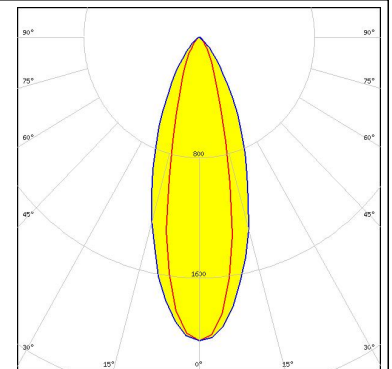
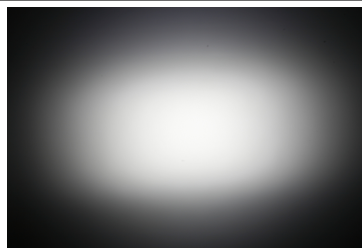
LED XP-G2
 FWHM 39.0 + 24.0°
 Efficiency 84 %
 Peak intensity 2.200 cd/lm
 Required components:



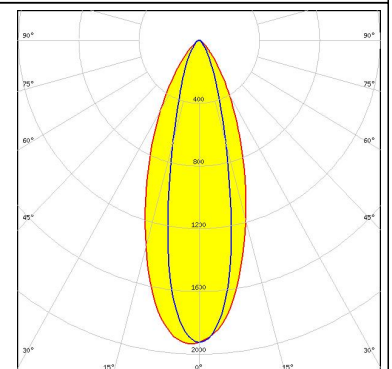
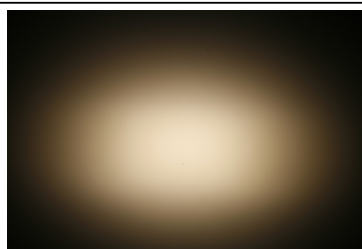
LED H35B0 (LEMWA32)
 FWHM 39.0 + 24.0°
 Efficiency 84 %
 Peak intensity 2.200 cd/lm
 Required components:



LED H35C0 (LEMWA33)
 FWHM 39.0 + 25.0°
 Efficiency 82 %
 Peak intensity 2.000 cd/lm
 Required components:



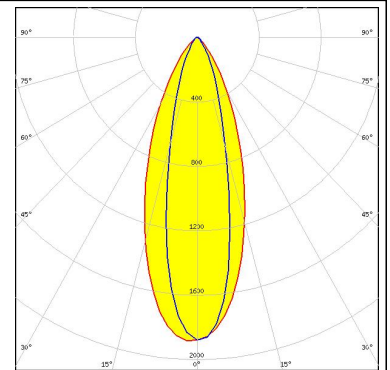
LED LUXEON T
 FWHM 40.0 + 24.0°
 Efficiency 84 %
 Peak intensity 2.000 cd/lm
 Required components:



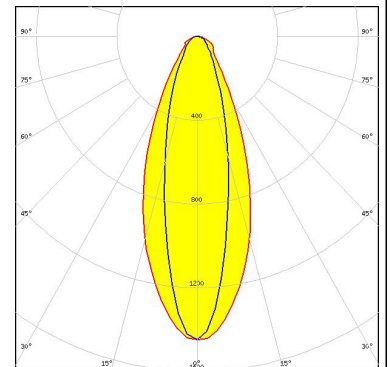
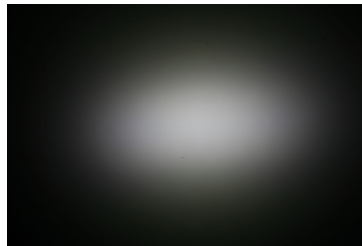
PHOTOMETRIC DATA (MEASURED):



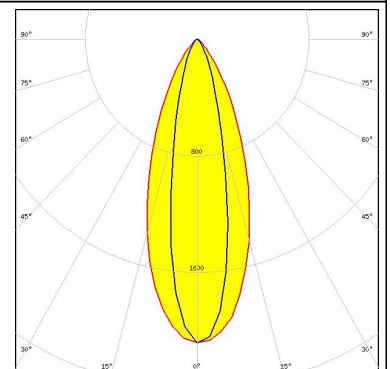
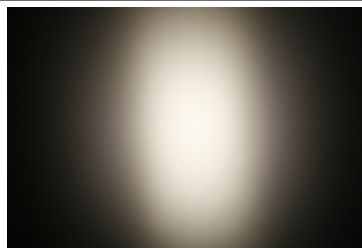
LED LUXEON TX
 FWHM 40.0 + 25.0°
 Efficiency 79 %
 Peak intensity 1.900 cd/lm
 Required components:



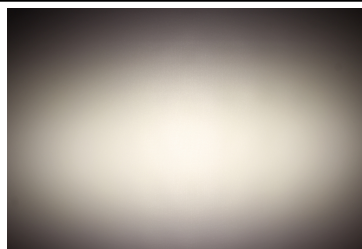
LED NF2x757A
 FWHM 43.0 + 26.0°
 Efficiency 81 %
 Peak intensity 1.500 cd/lm
 Required components:



LED Oslon Square EC
 FWHM 41.0 + 23.0°
 Efficiency 82 %
 Peak intensity 2.000 cd/lm
 Required components:



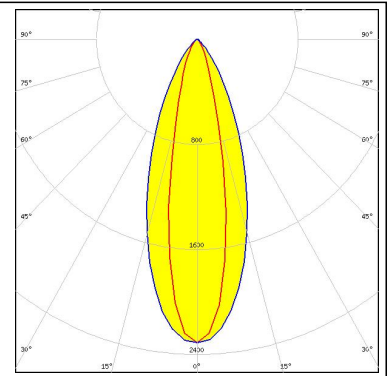
LED Oslon SSL 80
 FWHM 41.0 + 18.0°
 Efficiency 79 %
 Peak intensity 2.500 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

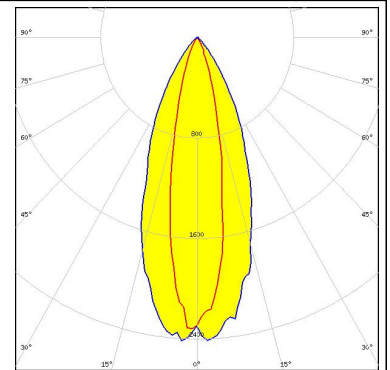
LED LH351Z
FWHM 40.0 + 23.0°
Efficiency 84 %
Peak intensity 2.300 cd/lm
Required components:



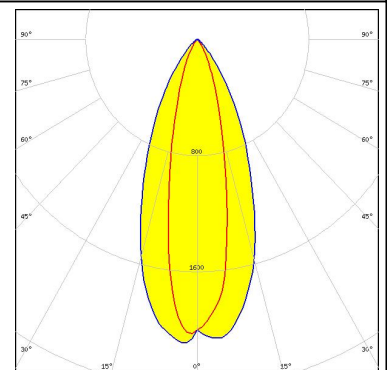
PHOTOMETRIC DATA (SIMULATED):



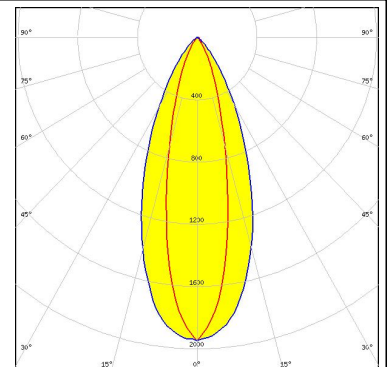
LED XT-E
FWHM 20.0 + 40.0°
Efficiency %
Peak intensity cd/lm
Required components:



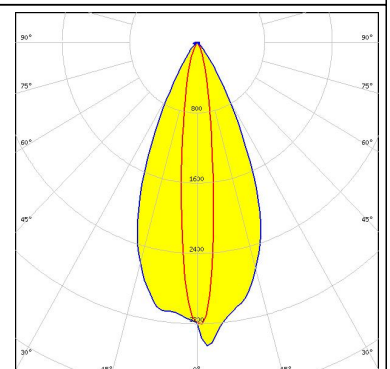
LED LUXEON H50-2
FWHM 22.0 + 42.0°
Efficiency 85 %
Peak intensity 2.000 cd/lm
Required components:



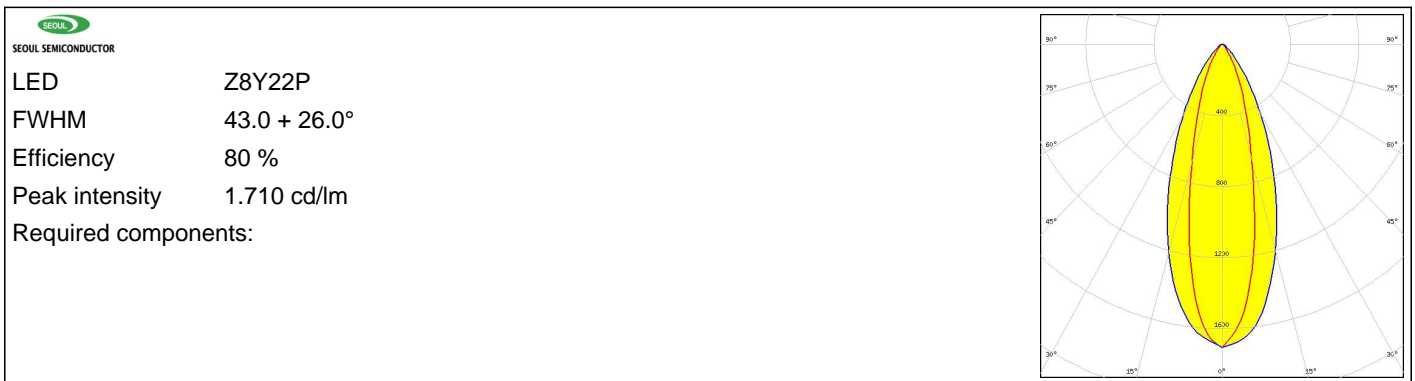
LED NVSxx19B/NVSxx19C
FWHM 43.0 + 24.0°
Efficiency 82 %
Peak intensity 1.950 cd/lm
Required components:



LED Synios P2720 1/2 mm
FWHM 25.0 + 12.0°
Efficiency 91 %
Peak intensity 3.450 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):



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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