


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
ROHS compliant	yes 

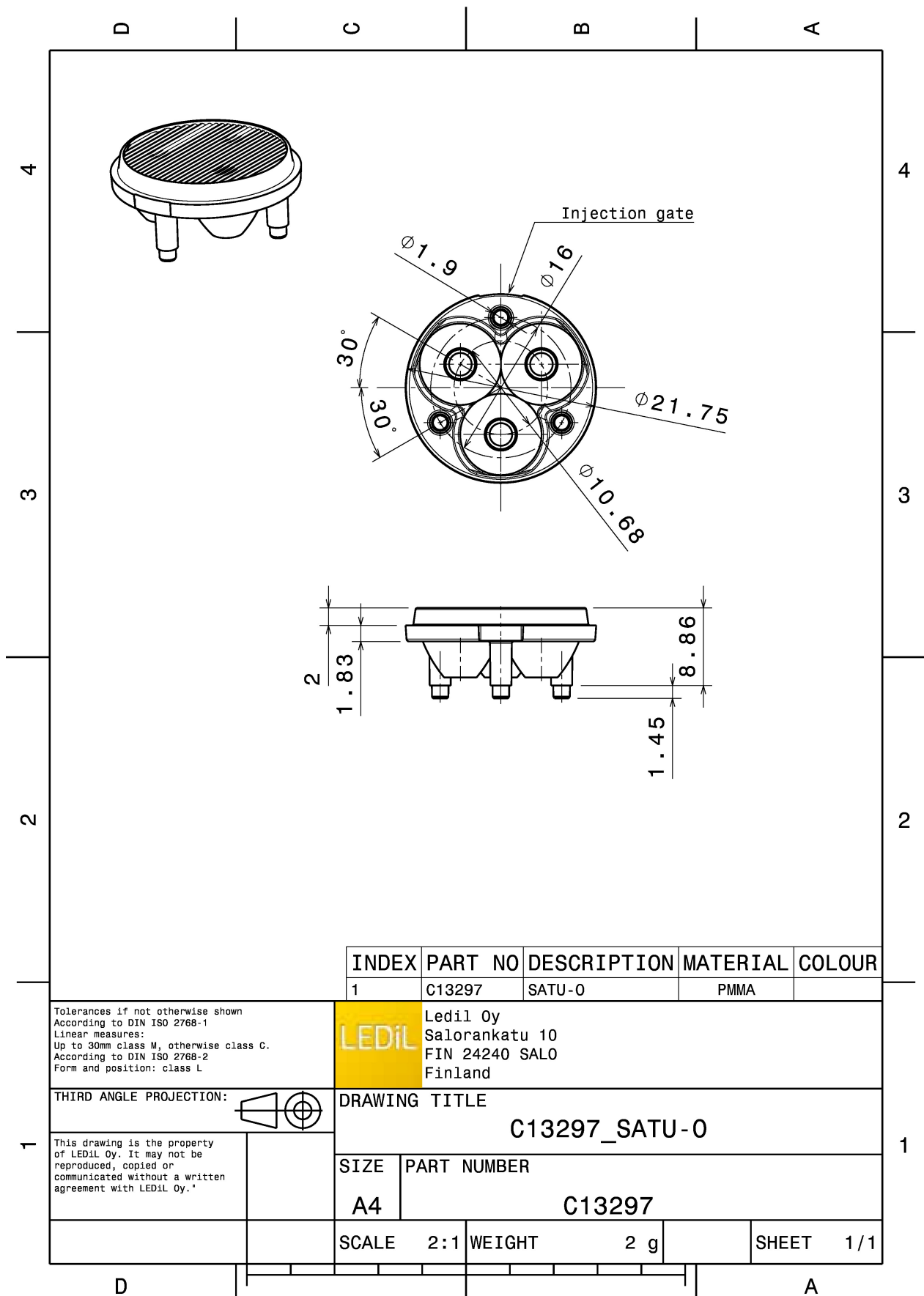
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
SATU-O	Multi-lens	PMMA	clear	



ORDERING INFORMATION:

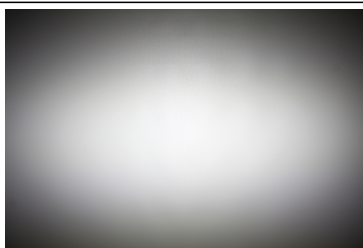
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13297_SATU-O » Box size: 480 x 280 x 300 mm	2880	120	120	7.7



PHOTOMETRIC DATA (MEASURED):

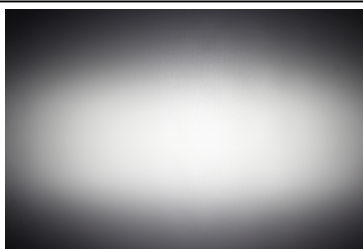
CREE

LED XB-D
FWHM 42.0 + 22.0°
Efficiency 77 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



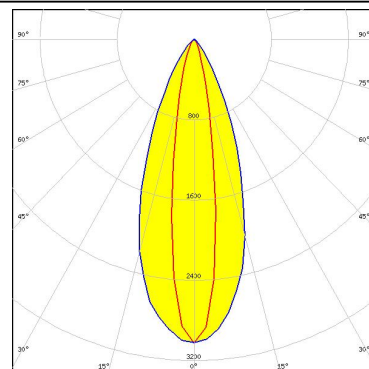
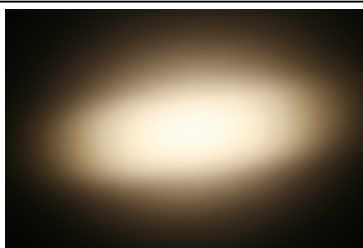
CREE

LED XP-E
FWHM 41.0 + 17.0°
Efficiency 83 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



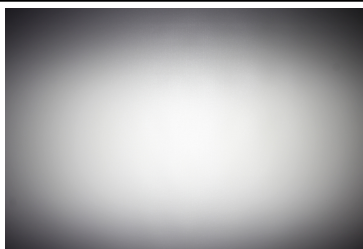
CREE

LED XP-E2
FWHM 40.0 + 17.0°
Efficiency 85 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE

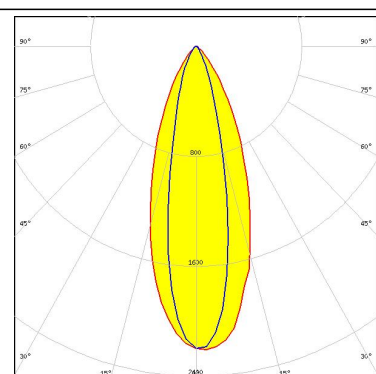
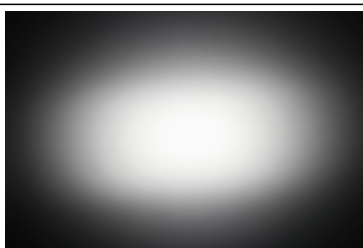
LED XP-G
FWHM 39.0 + 23.0°
Efficiency 79 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



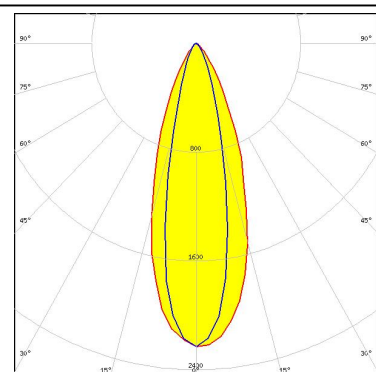
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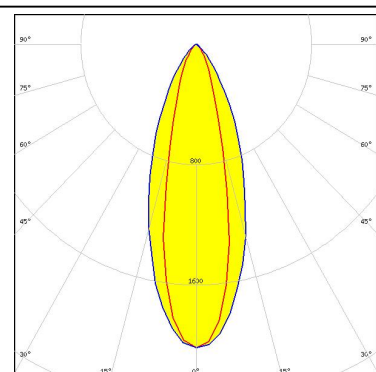
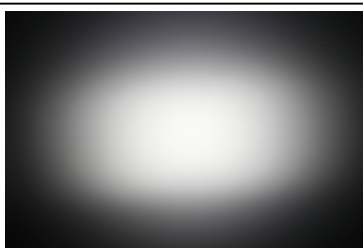
LED XP-G2
FWHM 39.0 + 24.0°
Efficiency 84 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



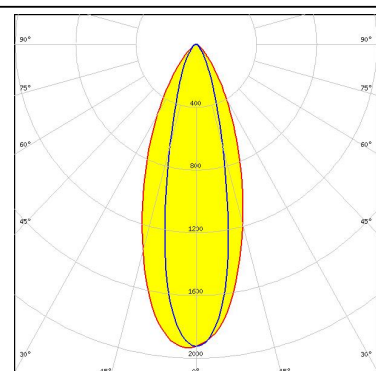
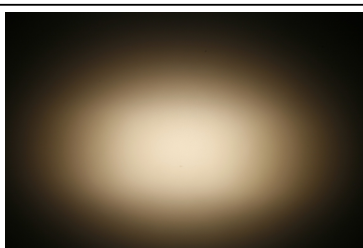
LED H35B0 (LEMWA32)
FWHM 39.0 + 24.0°
Efficiency 84 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED H35C0 (LEMWA33)
FWHM 39.0 + 25.0°
Efficiency 82 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



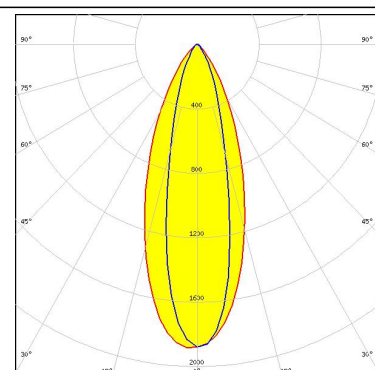
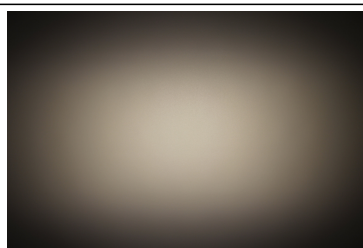
LED LUXEON T
FWHM 40.0 + 24.0°
Efficiency 84 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



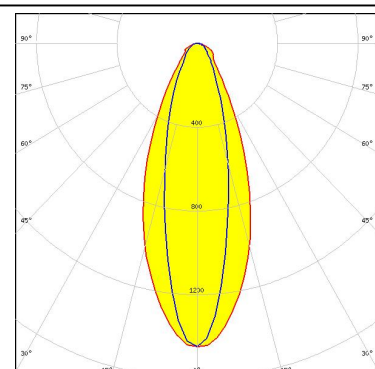
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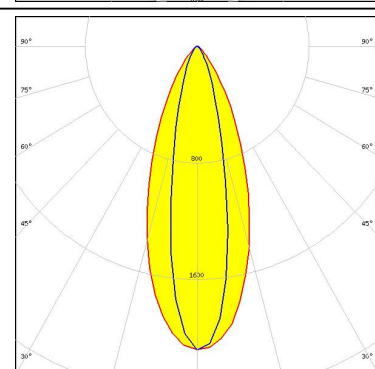
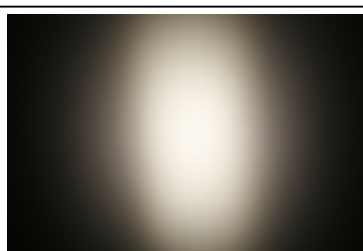
LED LUXEON TX
FWHM 40.0 + 25.0°
Efficiency 79 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



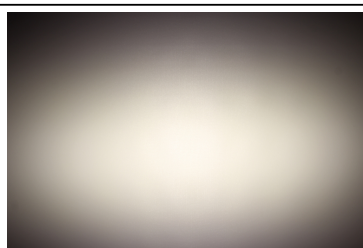
LED NF2x757A
FWHM 43.0 + 26.0°
Efficiency 81 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSLOM Square EC
FWHM 41.0 + 23.0°
Efficiency 82 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



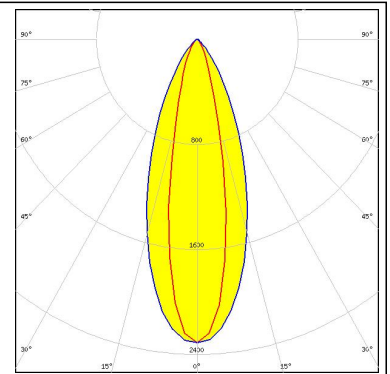
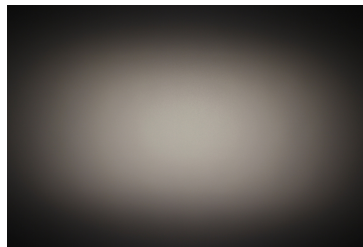
LED OSLOM SSL 80
FWHM 41.0 + 18.0°
Efficiency 79 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

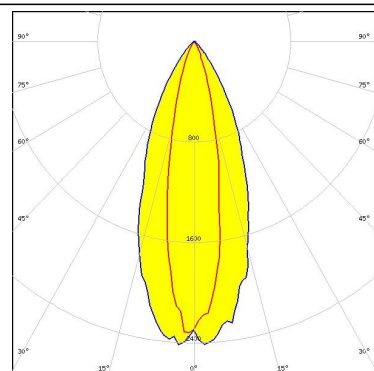
LED LH351Z
FWHM 40.0 + 23.0°
Efficiency 84 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



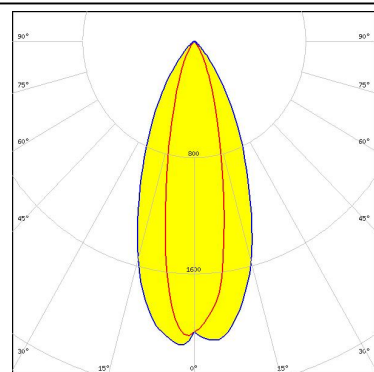
PHOTOMETRIC DATA (SIMULATED):



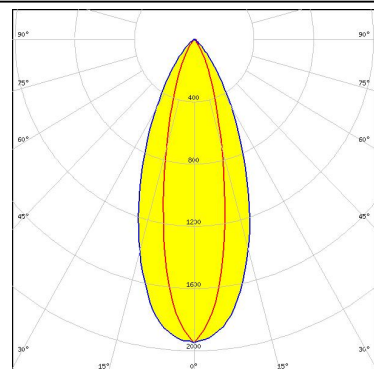
LED XT-E
FWHM 20.0 + 40.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



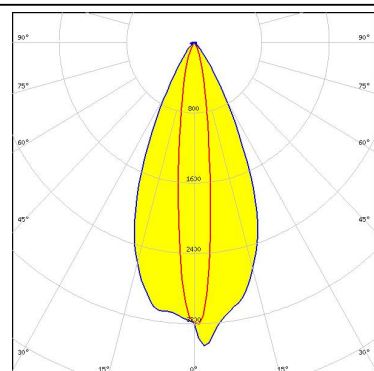
LED LUXEON H50-2
FWHM 22.0 + 42.0°
Efficiency 85 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM 43.0 + 24.0°
Efficiency 82 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Synios P2720 1/2 mm
FWHM 25.0 + 12.0°
Efficiency 91 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

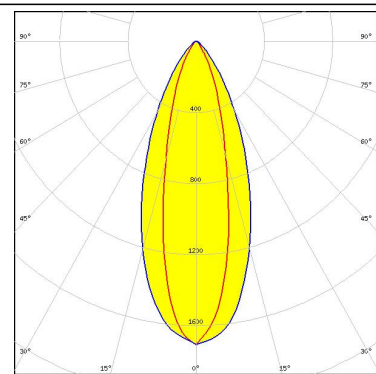


PHOTOMETRIC DATA (SIMULATED):



SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM	43.0 + 26.0°
Efficiency	80 %
Peak intensity	1.7 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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