

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 ⓘ

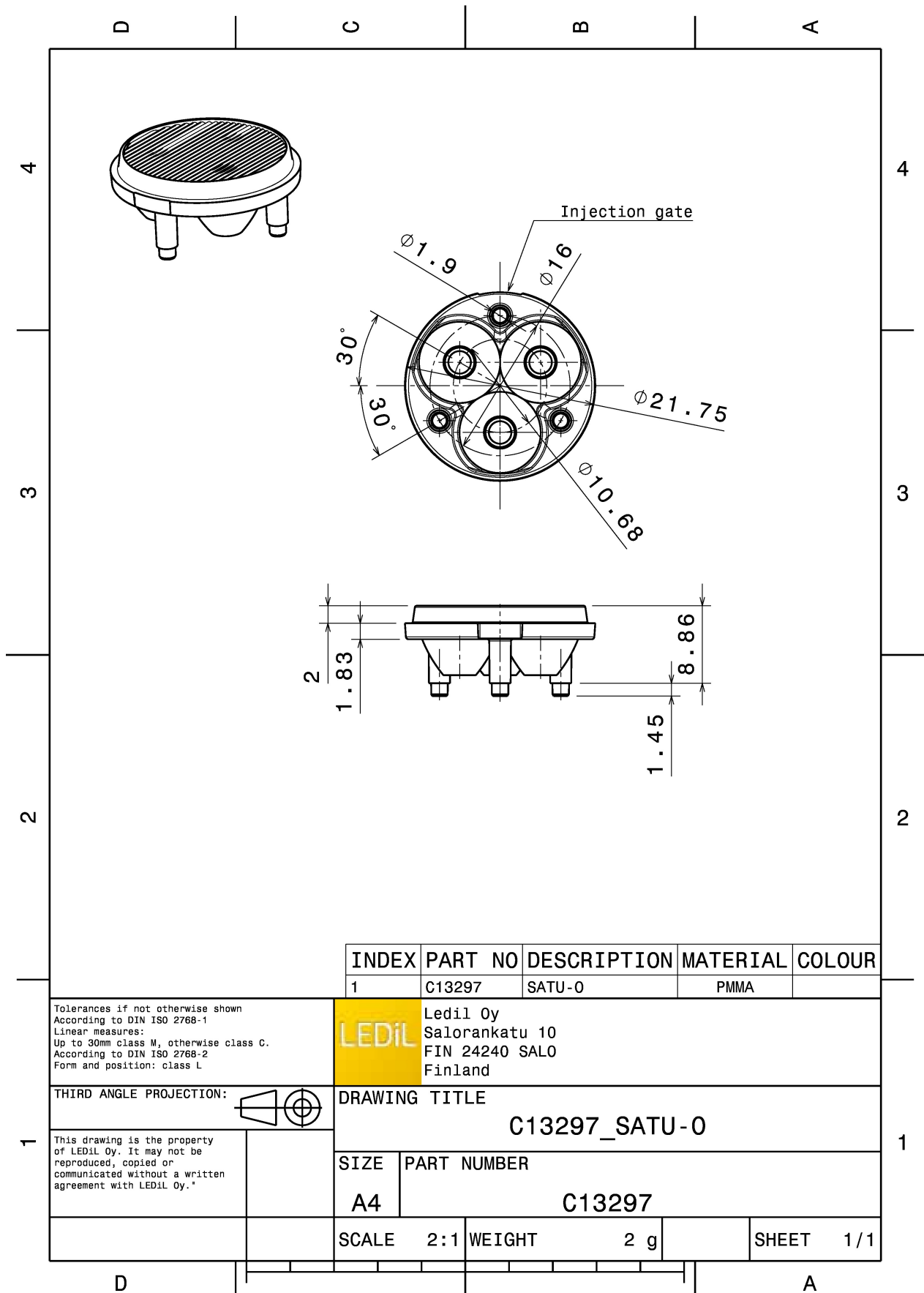
MATERIAL SPECIFICATIONS:

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):

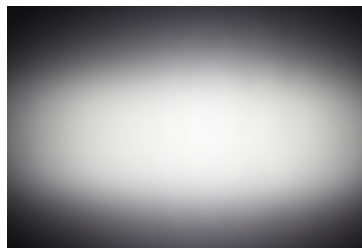
CREE ⇄

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



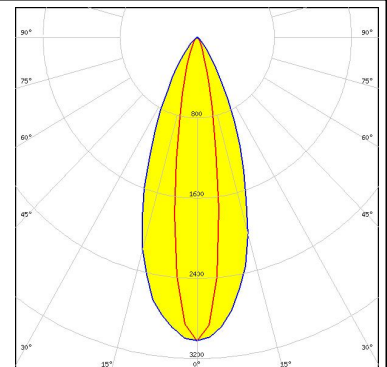
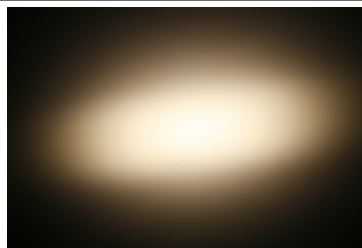
CREE ⇄

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:



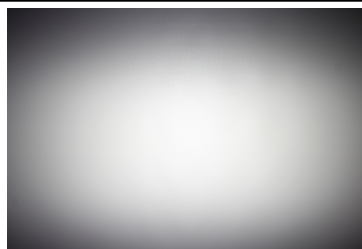
CREE ⇄

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 ⇄

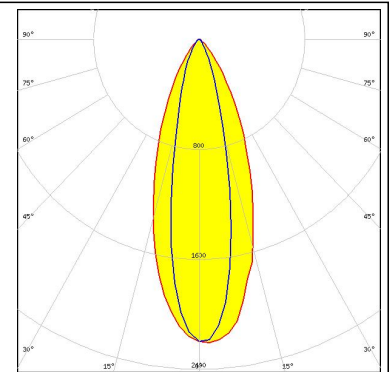
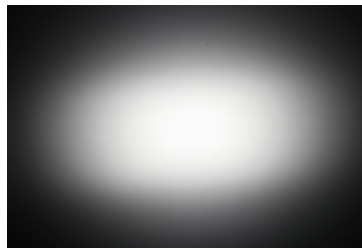
LED XP-G
FWHM 39.0 + 23.0°
Efficiency 79 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



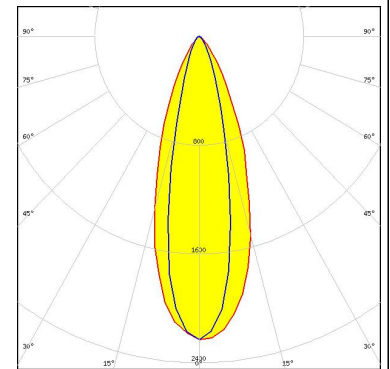
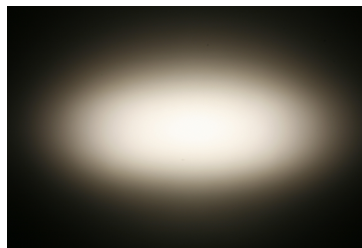
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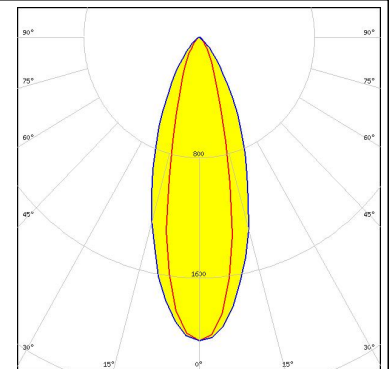
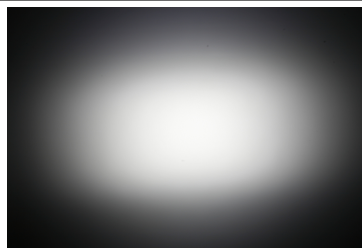
LED XP-G2
 FWHM 39.0 + 24.0°
 Efficiency 84 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



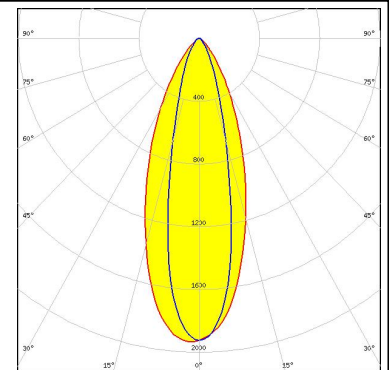
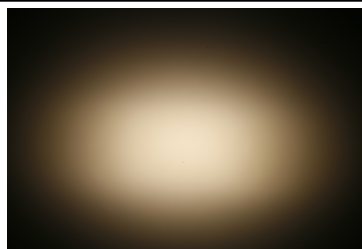
LED H35B0 (LEMWA32)
 FWHM 39.0 + 24.0°
 Efficiency 84 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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



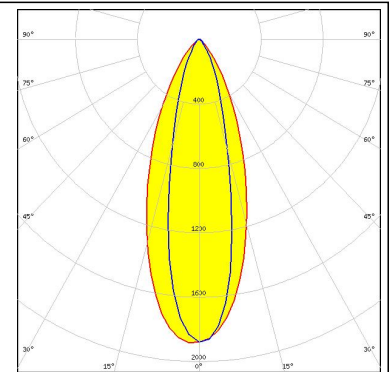
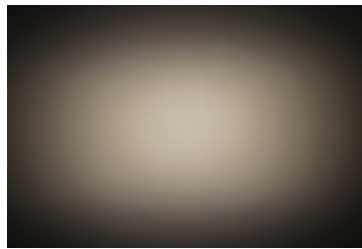
LED LUXEON T
 FWHM 40.0 + 24.0°
 Efficiency 84 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



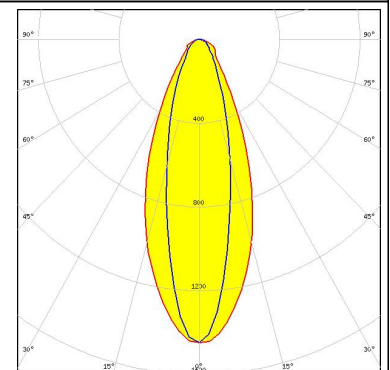
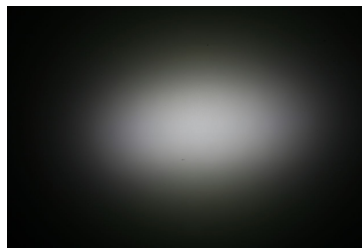
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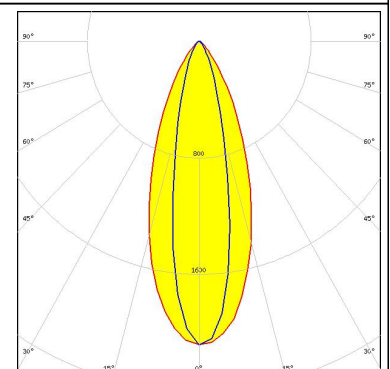
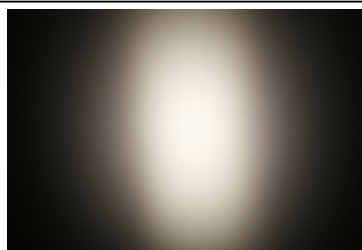
LED LUXEON TX
 FWHM 40.0 + 25.0°
 Efficiency 79 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



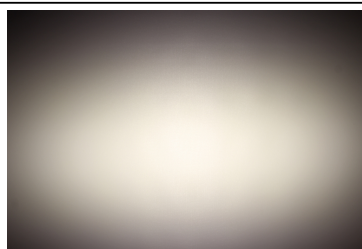
LED NF2x757A
 FWHM 43.0 + 26.0°
 Efficiency 81 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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



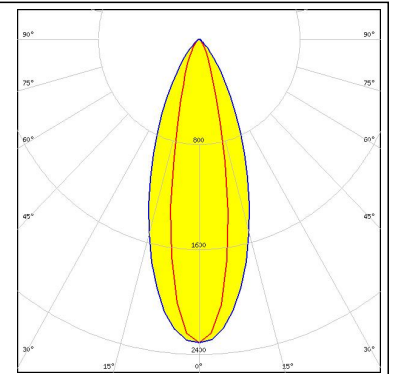
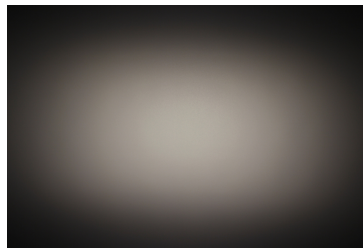
OSRAM Opto Semiconductors
 LED OSOLON SSL 80
 FWHM 41.0 + 18.0°
 Efficiency 79 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

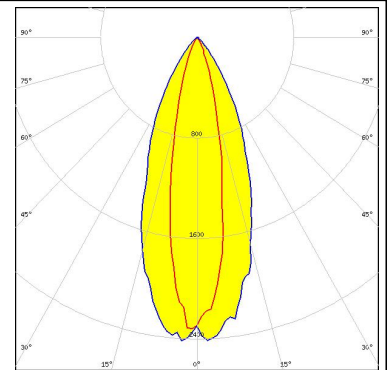
LED LH351Z
FWHM 40.0 + 23.0°
Efficiency 84 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



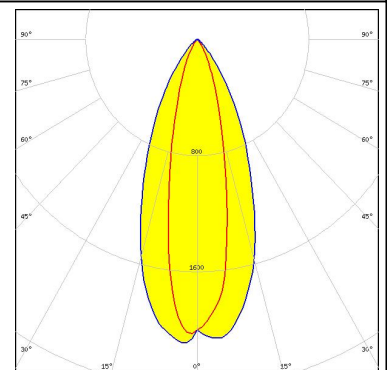
PHOTOMETRIC DATA (SIMULATED):



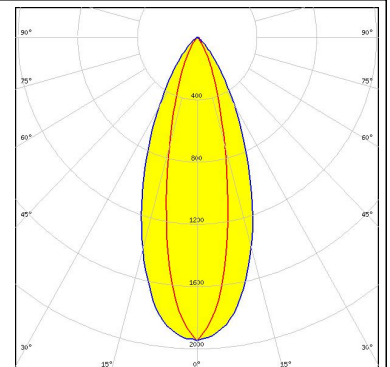
LED XT-E
 FWHM 20.0 + 40.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:



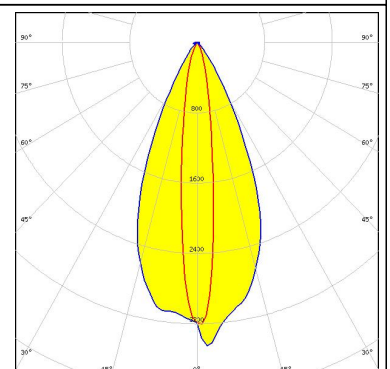
LED LUXEON H50-2
 FWHM 22.0 + 42.0°
 Efficiency 85 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



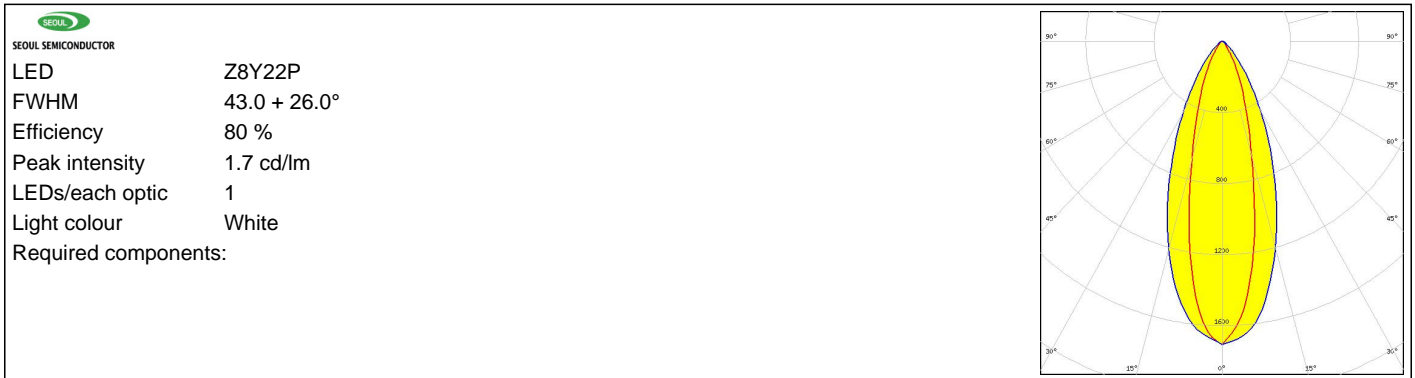
LED NVSxx19B/NVSxx19C
 FWHM 43.0 + 24.0°
 Efficiency 82 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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):



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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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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