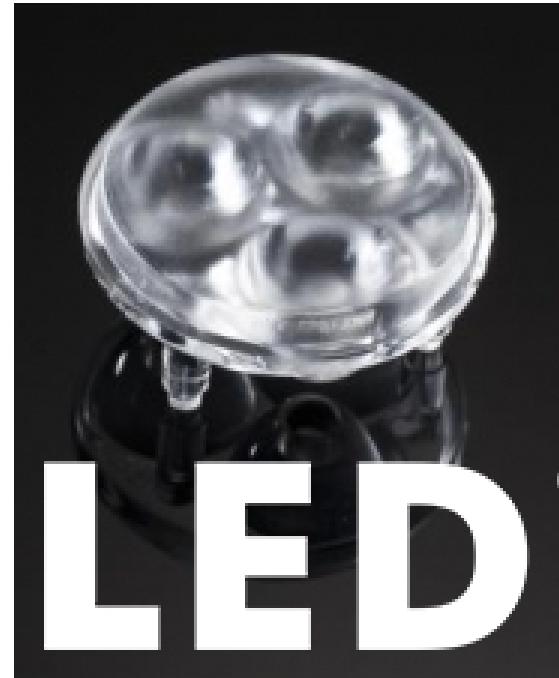


SATU-W

~35° wide beam optimized for CREE XT-E

SPECIFICATION:

Dimensions	Ø 21.8 mm
Height	8.9 mm
Fastening	glue, pin
ROHS compliant	yes 

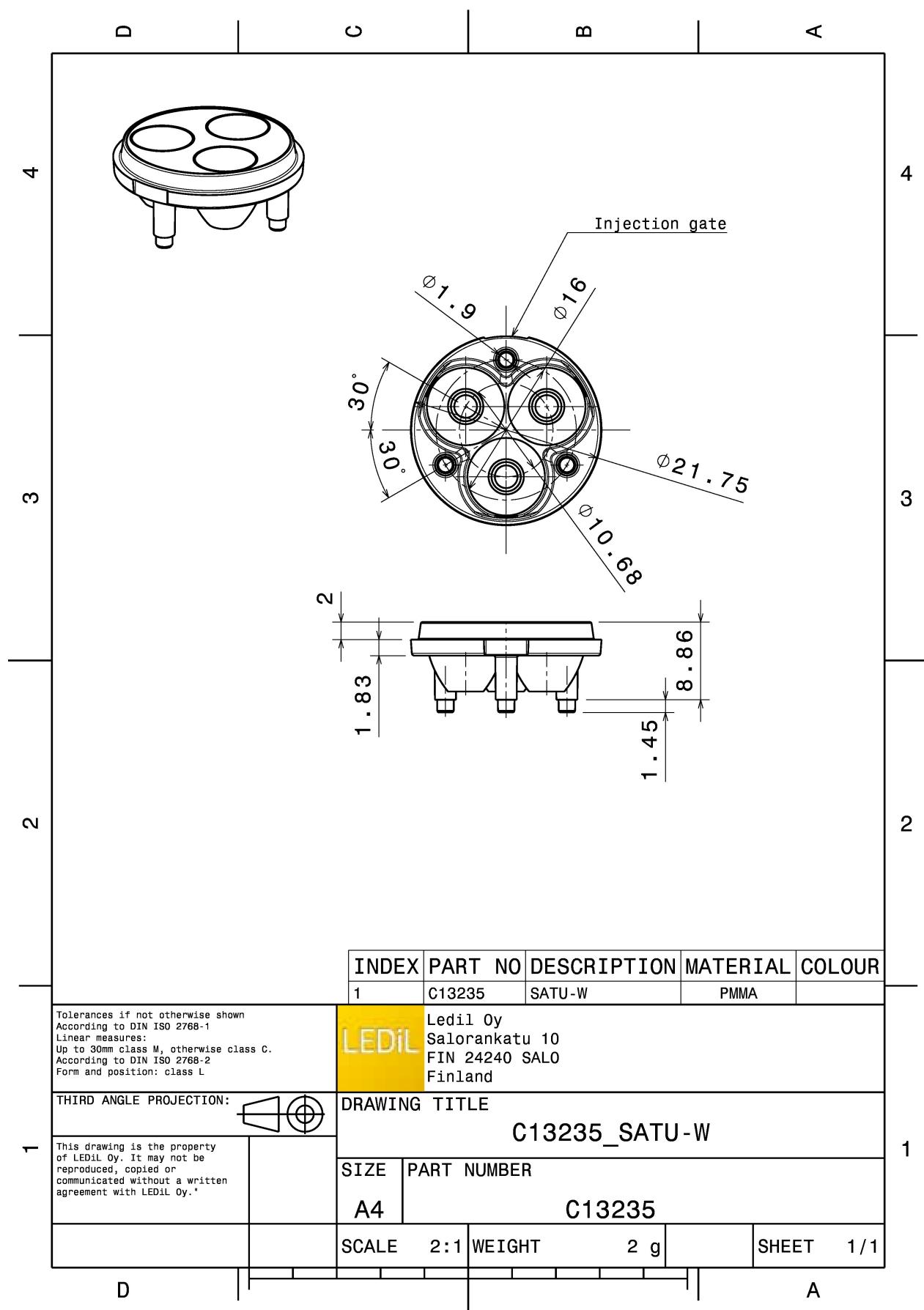


MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13235_SATU-W	2880	120	120	7.7
» Box size: 480 x 280 x 300 mm				

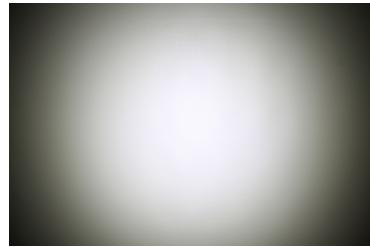


See also our general installation guide: www.ledil.com/installation_guide

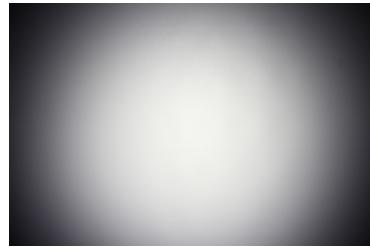
OPTICAL RESULTS (MEASURED):



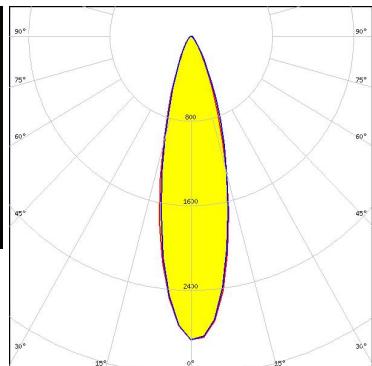
LED XB-D
 FWHM / FWTM 31.0° / 60.0°
 Efficiency 77 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



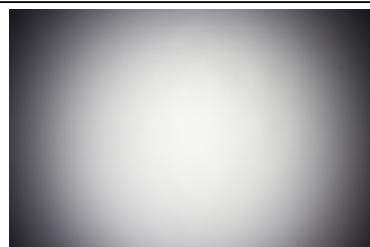
LED XP-E
 FWHM / FWTM 33.0° / 59.0°
 Efficiency 84 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-E2
 FWHM / FWTM 27.0° / 54.0°
 Efficiency 86 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



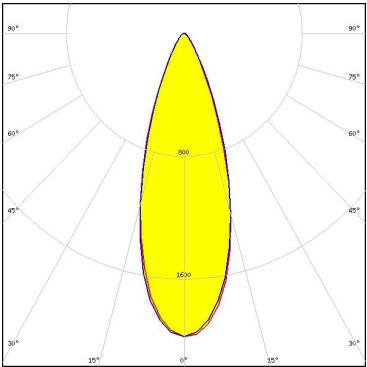
LED XP-G
 FWHM / FWTM 34.0° / 63.0°
 Efficiency 82 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



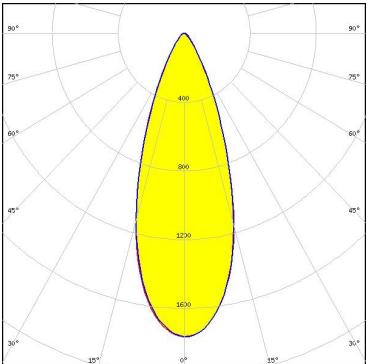
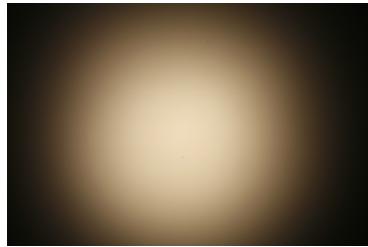
OPTICAL RESULTS (MEASURED):



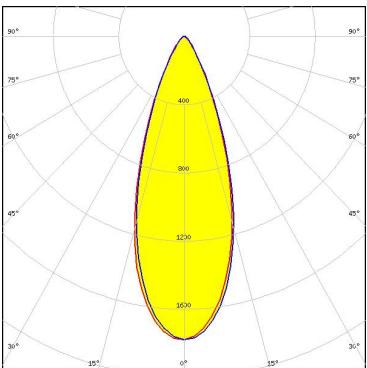
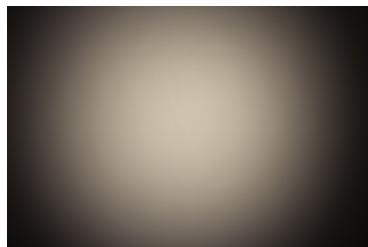
LED XP-G2
FWHM / FWTM 35.0° / 64.0°
Efficiency 87 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



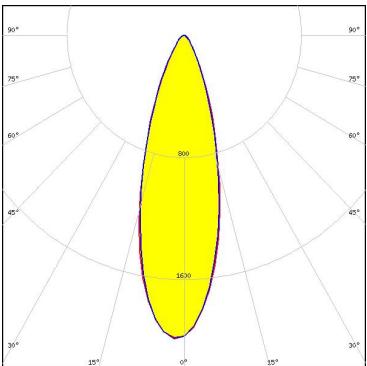
LED LUXEON T
FWHM / FWTM 37.0° / 66.0°
Efficiency 87 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON TX
FWHM / FWTM 38.0° / 67.0°
Efficiency 86 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NF2x757A
FWHM / FWTM 32.0° / 63.0°
Efficiency 80 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



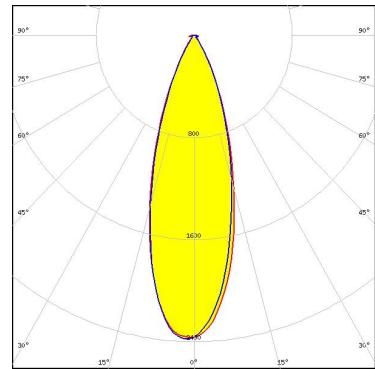
OPTICAL RESULTS (MEASURED):

OSRAM <small>Opto Semiconductors</small>	<p>LED OSLON Square EC FWHM / FWTM 37.0° / 66.0° Efficiency 85 % Peak intensity 1.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
OSRAM <small>Opto Semiconductors</small>	<p>LED OSLON SSL 80 FWHM / FWTM 30.0° / 58.0° Efficiency 80 % Peak intensity 2.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
SAMSUNG	<p>LED LH351Z FWHM / FWTM 36.0° / 64.0° Efficiency 87 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
SEoul SEMICONDUCTOR	<p>LED Z5M1/Z5M2 FWHM / FWTM 38.0° / 66.0° Efficiency 92 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

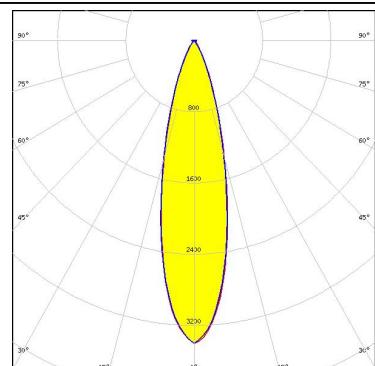
OPTICAL RESULTS (SIMULATED):



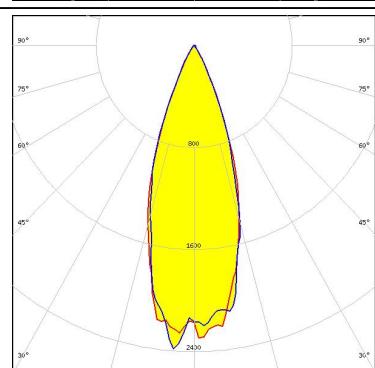
LED J Series 3030
FWHM / FWTM 33.0° / 60.0°
Efficiency 96 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



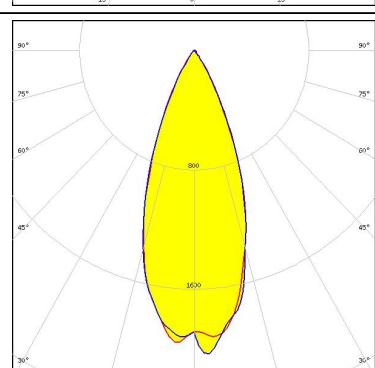
LED XQ-E HI
FWHM / FWTM 26.0° / 52.0°
Efficiency 96 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour Royal Blue
Required components:



LED XT-E
FWHM / FWTM 34.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



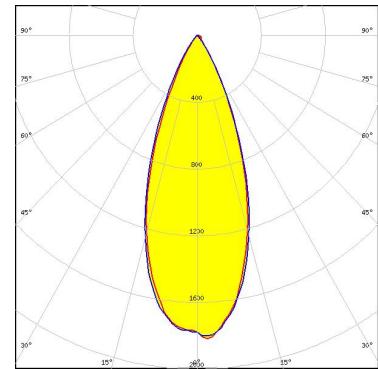
LED LUXEON H50-2
FWHM / FWTM 40.0° / 64.0°
Efficiency %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):



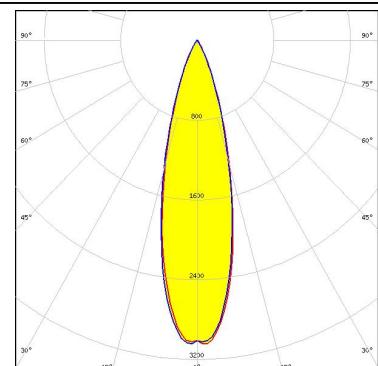
LED	NVSxx19B/NVSxx19C
FWHM / FWTM	39.0° / 64.0°
Efficiency	87 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM

Opto Semiconductors

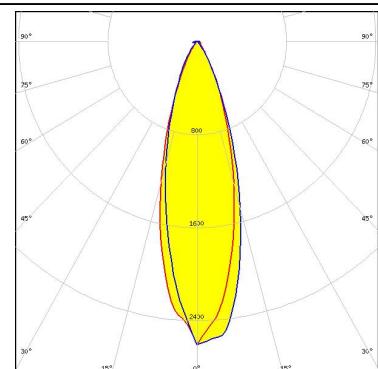
LED	OSLON Black
FWHM / FWTM	27.0° / 51.0°
Efficiency	85 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM

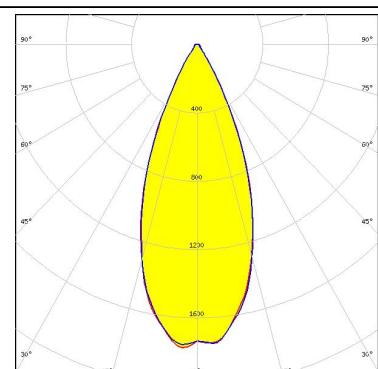
Opto Semiconductors

LED	Synios P2720 1/2 mm
FWHM / FWTM	30.0° / 58.0°
Efficiency	94 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

LED	LH351B
FWHM / FWTM	42.0° / 66.0°
Efficiency	94 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (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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