


## SATU-W

~35° wide beam optimized for CREE XT-E

### TECHNICAL SPECIFICATIONS:

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

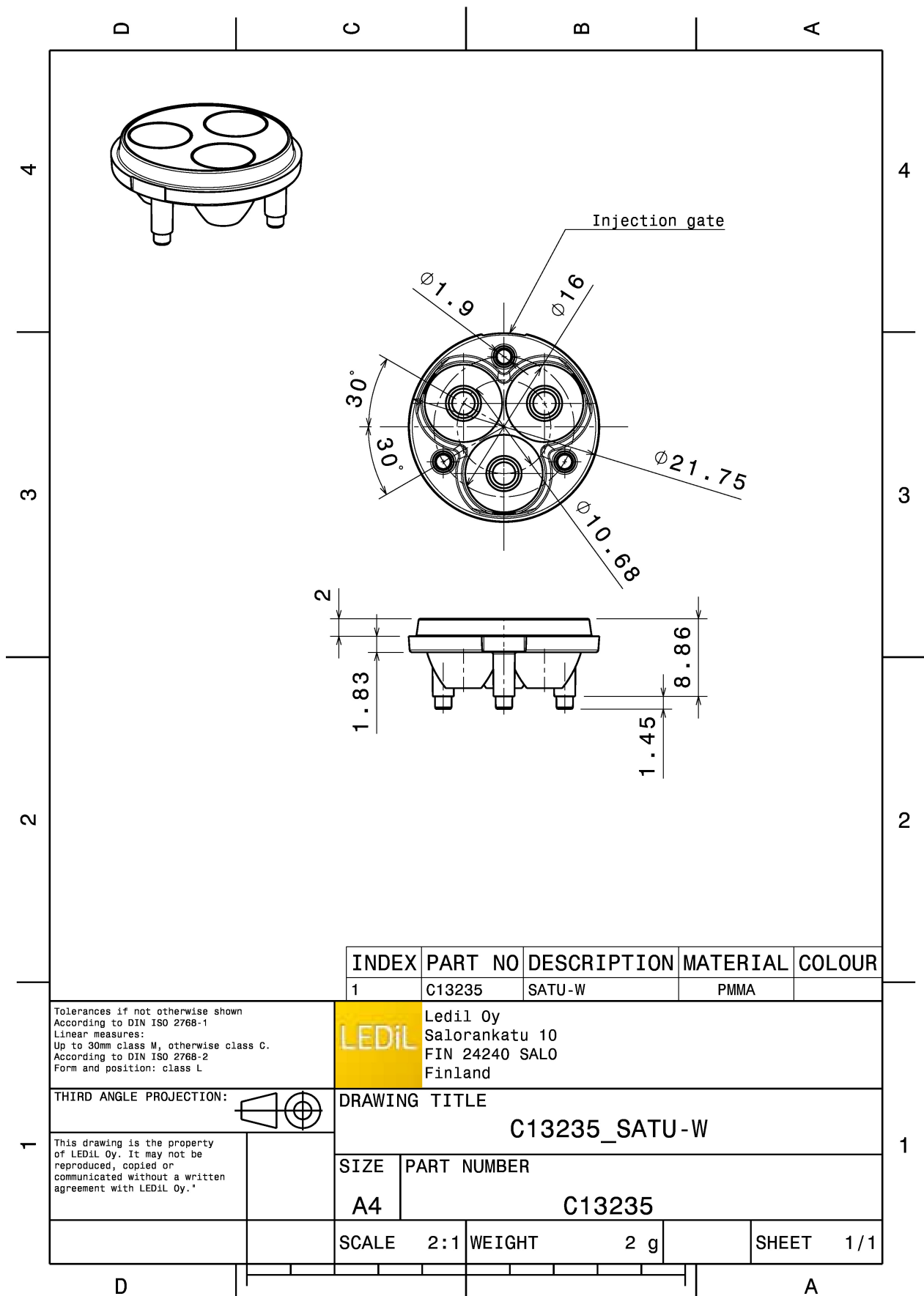
### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:

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

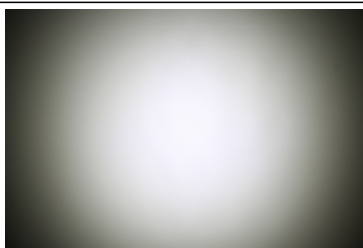




## PHOTOMETRIC DATA (MEASURED):

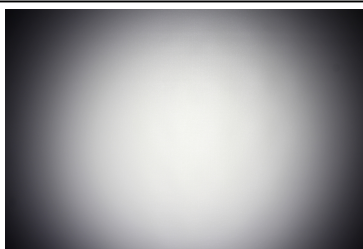
### CREE

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



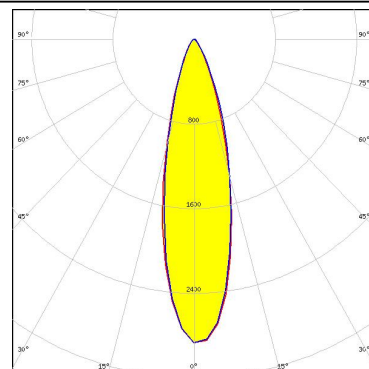
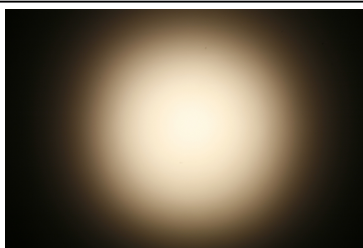
### CREE

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



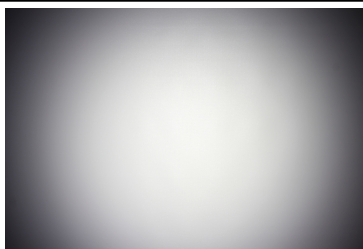
### CREE

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



### CREE

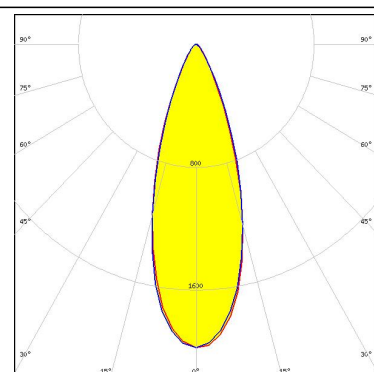
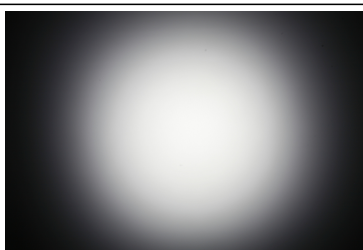
LED XP-G  
FWHM 34.0°  
Efficiency 82 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



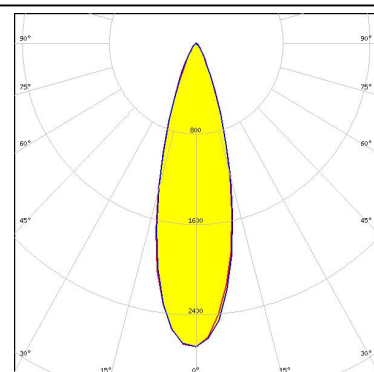
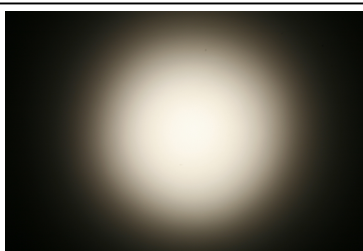
### PHOTOMETRIC DATA (MEASURED):



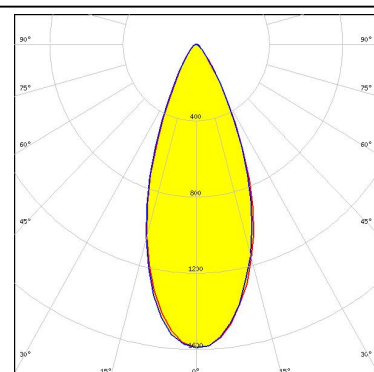
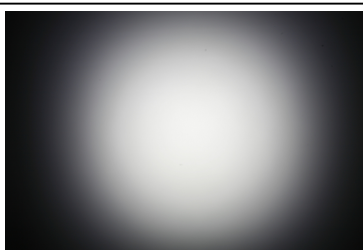
LED XP-G2  
FWHM 35.0°  
Efficiency 87 %  
Peak intensity 2 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



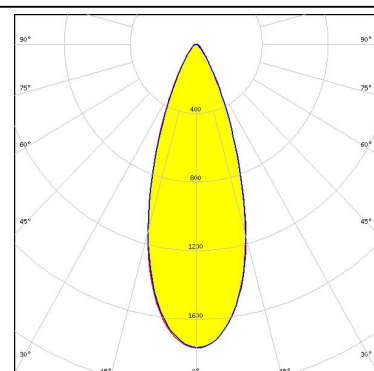
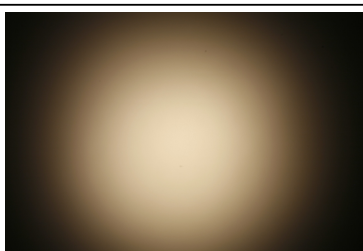
LED H35B0 (LEMWA32)  
FWHM 29.0°  
Efficiency 86 %  
Peak intensity 2.7 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



LED H35C0 (LEMWA33)  
FWHM 41.0°  
Efficiency 86 %  
Peak intensity 1.6 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



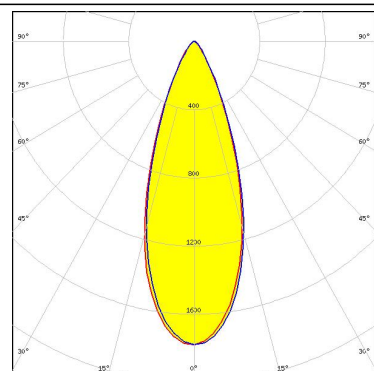
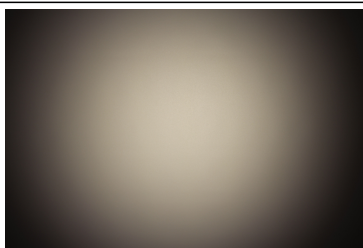
LED LUXEON T  
FWHM 37.0°  
Efficiency 87 %  
Peak intensity 1.8 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



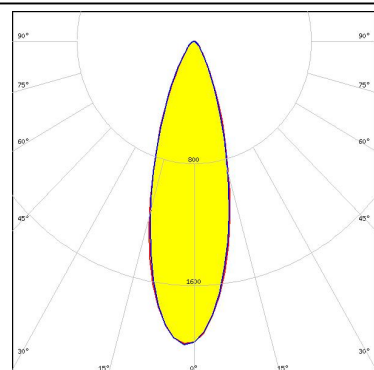
### PHOTOMETRIC DATA (MEASURED):



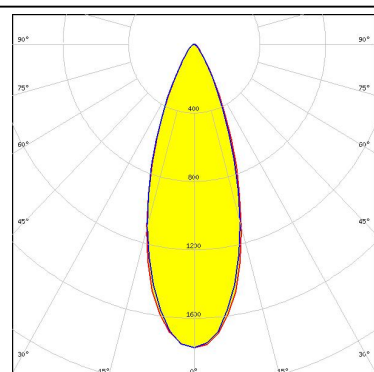
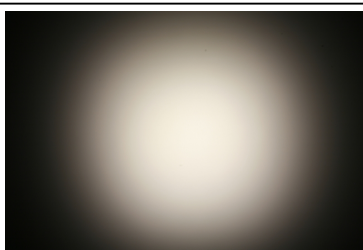
LED LUXEON TX  
FWHM 38.0°  
Efficiency 86 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



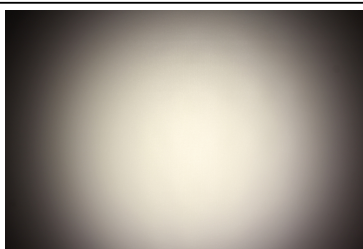
LED NF2x757A  
FWHM 32.0°  
Efficiency 80 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSLON Square EC  
FWHM 37.0°  
Efficiency 85 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



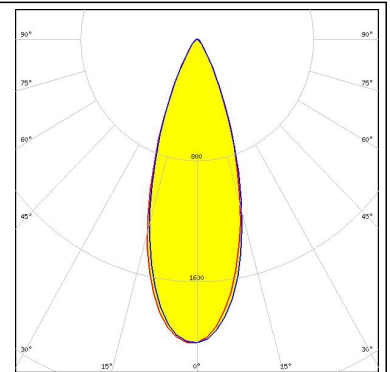
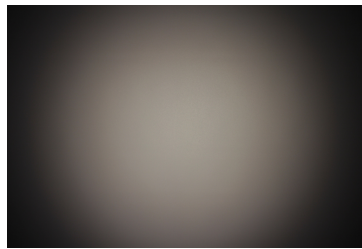
LED OSLON SSL 80  
FWHM 30.0°  
Efficiency 80 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



## PHOTOMETRIC DATA (MEASURED):

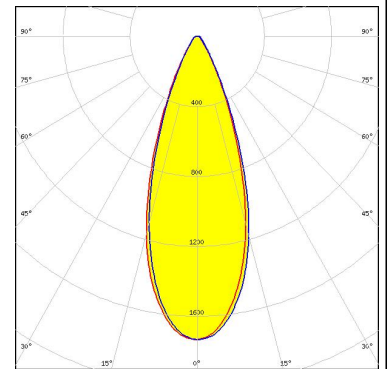
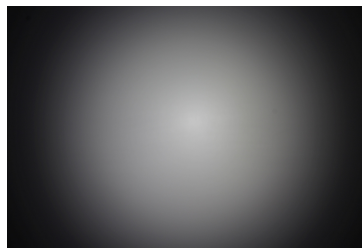
### SAMSUNG

LED LH351Z  
FWHM 36.0°  
Efficiency 87 %  
Peak intensity 2 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



### SEMI-LED

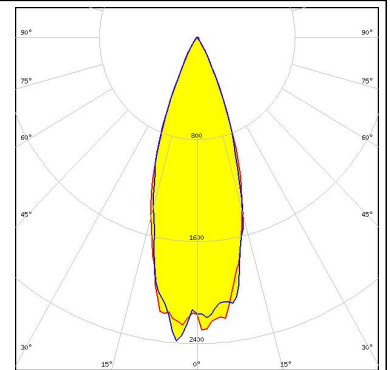
LED Z5M1/Z5M2  
FWHM 38.0°  
Efficiency 92 %  
Peak intensity 1.7 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



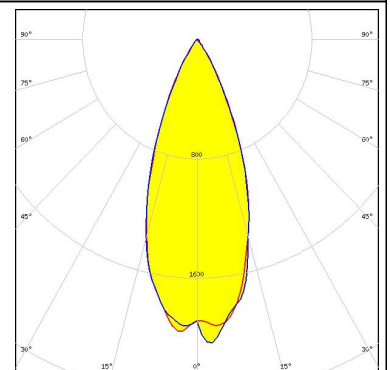
### PHOTOMETRIC DATA (SIMULATED):



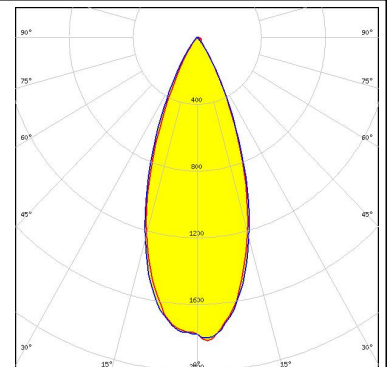
LED XT-E  
FWHM 34.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:



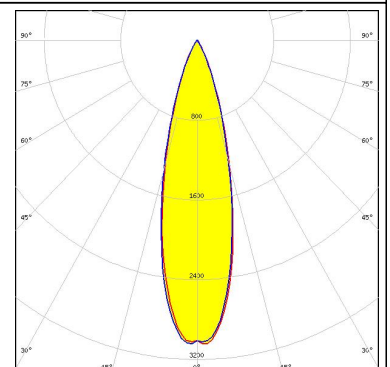
LED LUXEON H50-2  
FWHM 40.0°  
Efficiency %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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



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



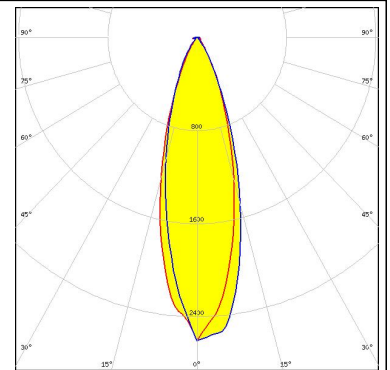


## PHOTOMETRIC DATA (SIMULATED):

### OSRAM

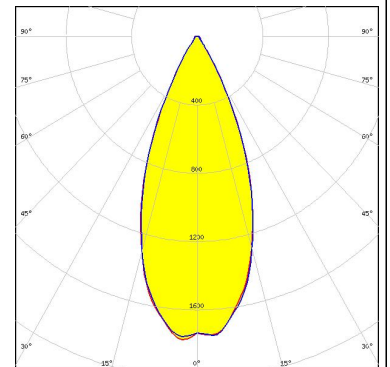
Opto Semiconductors

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



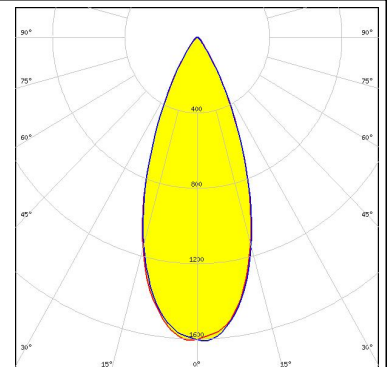
### SAMSUNG

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



SEOUL SEMICONDUCTOR

LED Z8Y22P  
FWHM 41.0°  
Efficiency 87 %  
Peak intensity 1.6 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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