

SATU-S

~19° spot beam optimized for CREE XT-E

SPECIFICATION:

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

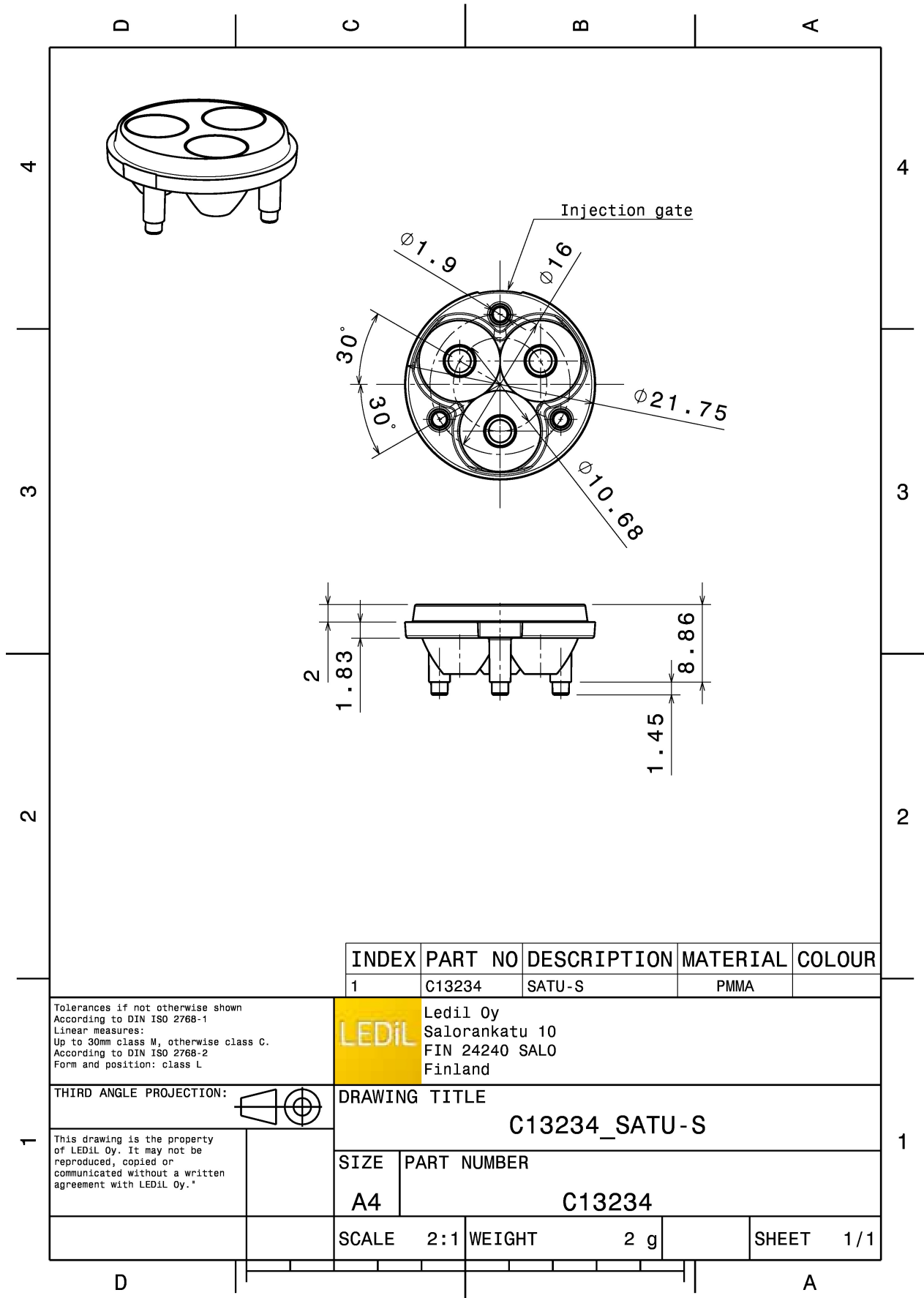
MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13234_SATU-S » Box size: 480 x 280 x 300 mm	2880	120	120	7.7



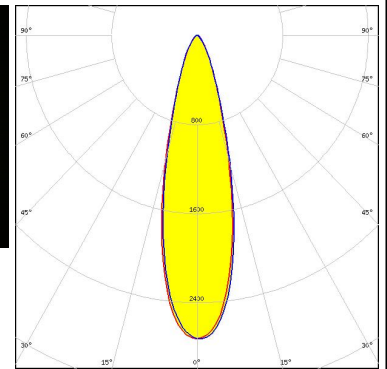


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

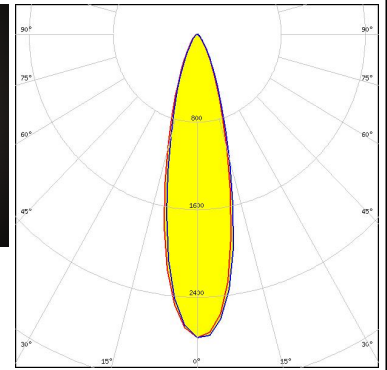
LUMILEDS

LED LUXEON T
FWHM / FWTM 27.0° / 55.0°
Efficiency 88 %
Peak intensity 2.7 cd/m
LEDs/each optic 1
Light colour White
Required components:



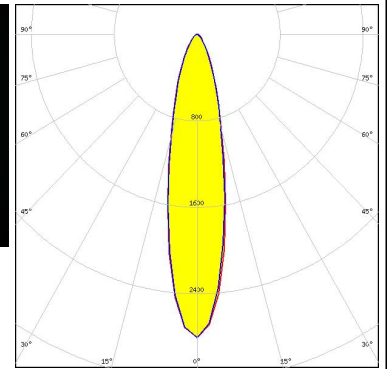
LUMILEDS

LED LUXEON TX
FWHM / FWTM 26.0° / 56.0°
Efficiency 86 %
Peak intensity 2.8 cd/m
LEDs/each optic 1
Light colour White
Required components:



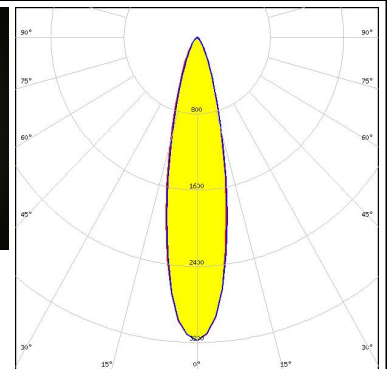
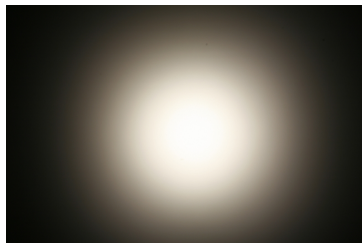
NICHIA

LED NF2x757A
FWHM / FWTM 23.0° / 56.0°
Efficiency 85 %
Peak intensity 2.8 cd/m
LEDs/each optic 1
Light colour White
Required components:



OSRAM Opto Semiconductors

LED OSLOM Square EC
FWHM / FWTM 24.0° / 52.0°
Efficiency 85 %
Peak intensity 3.2 cd/m
LEDs/each optic 1
Light colour White
Required components:

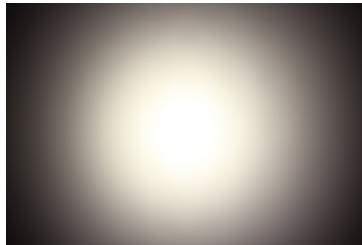


OPTICAL RESULTS (MEASURED):

OSRAM

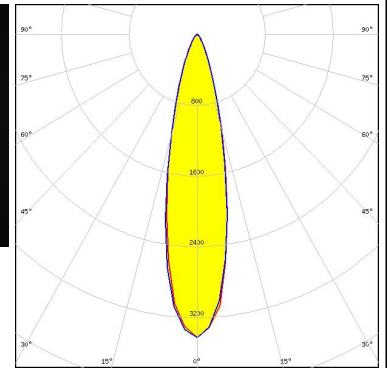
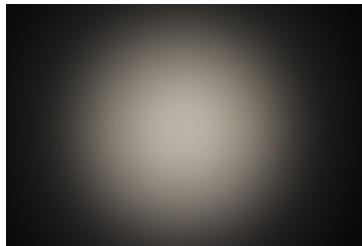
Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 18.0° / 44.0°
Efficiency 81 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



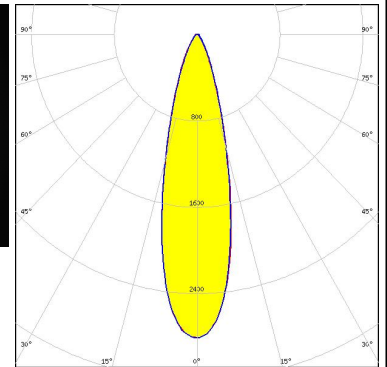
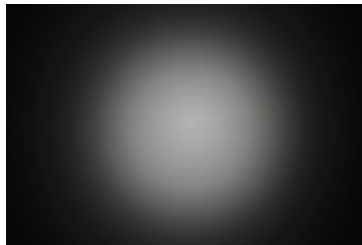
SAMSUNG

LED LH351Z
FWHM / FWTM 24.0° / 50.0°
Efficiency 87 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

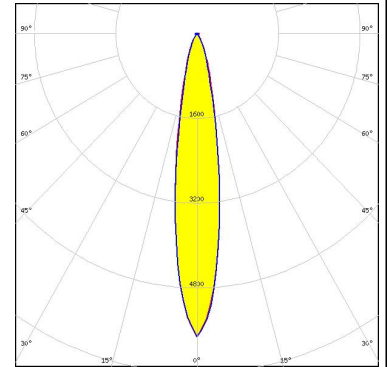
LED Z5M1/Z5M2
FWHM / FWTM 27.0° / 54.0°
Efficiency 93 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



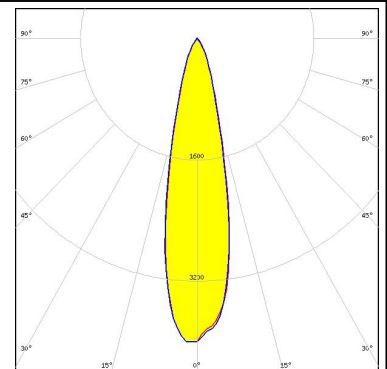
OPTICAL RESULTS (SIMULATED):



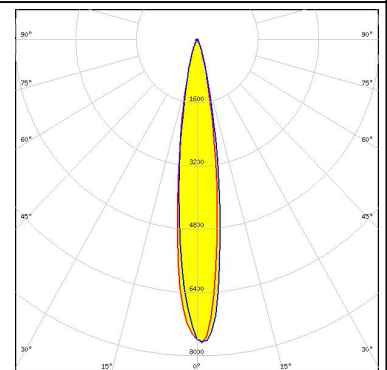
LED J Series 3030
 FWHM / FWTM 18.0° / 40.0°
 Efficiency 96 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



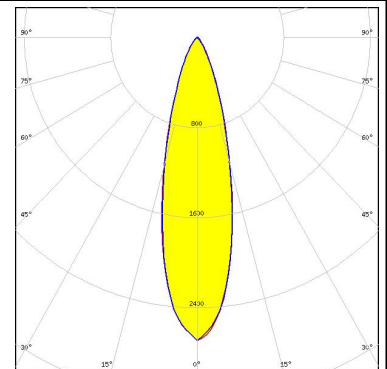
LED LUXEON H50-2
 FWHM / FWTM 24.0° / 46.0°
 Efficiency 90 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Synios P2720 1/2 mm
 FWHM / FWTM 16.0° / 33.0°
 Efficiency 94 %
 Peak intensity 7.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Z8Y22P
 FWHM / FWTM 27.0° / 56.0°
 Efficiency 87 %
 Peak intensity 2.7 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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