

TINA-Y-SS

~16° smooth spot beam. Assembly with holder, installation tape and pins.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	10 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

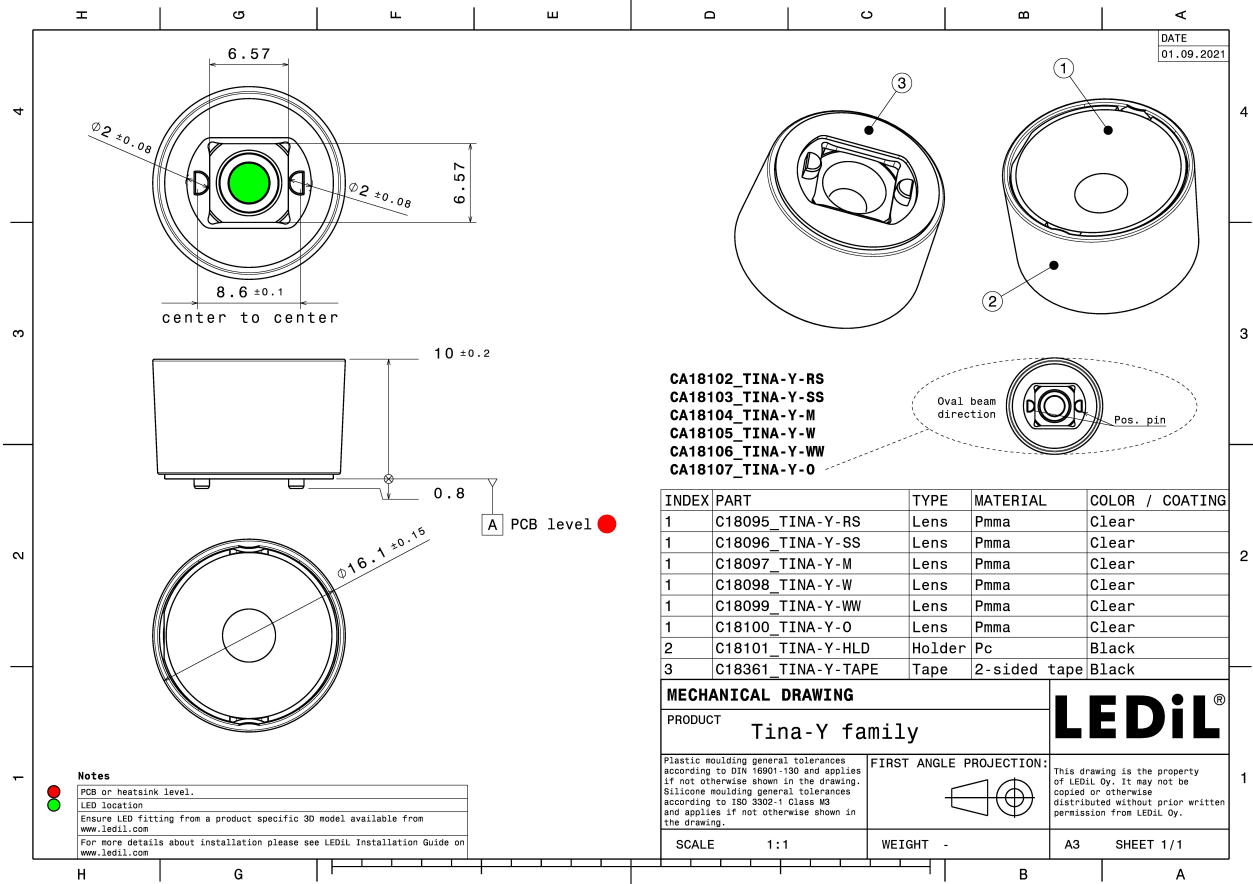


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA-Y-SS	Single lens	PMMA	clear	gloss
TINA-Y-HLD	Holder	PC	black	gloss
TINA-Y-TAPE	Tape	Acrylic foam		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18103_TINA-Y-SS » Box size: 476 x 273 x 197 mm	3900	300	300	5.7

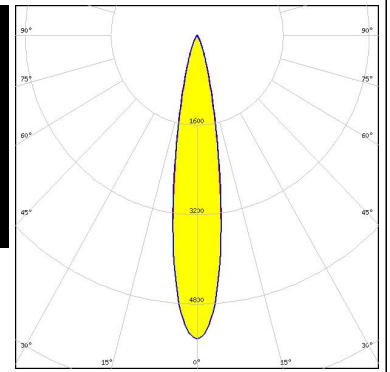
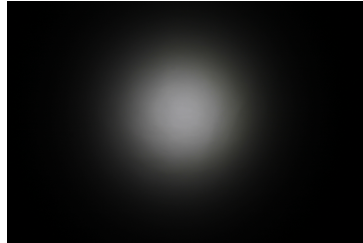


See also our general installation guide: www.ledil.com/installation_guide

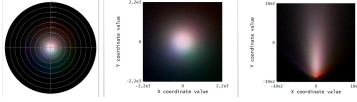
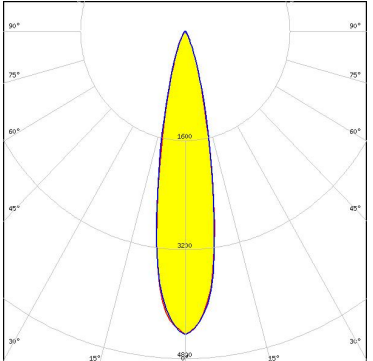
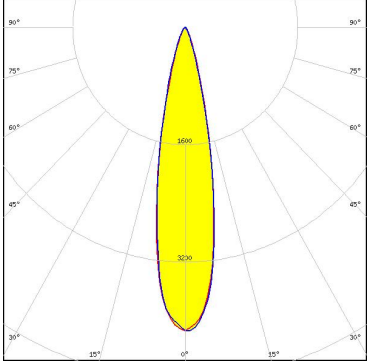
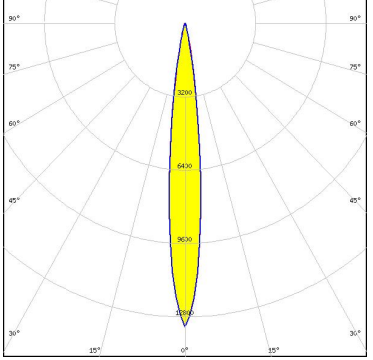
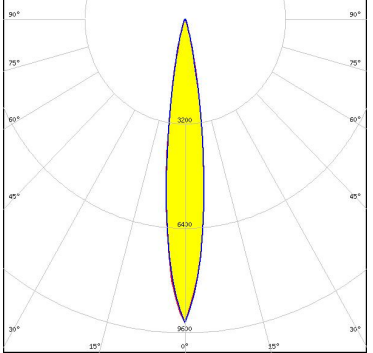
PHOTOMETRIC DATA (MEASURED):



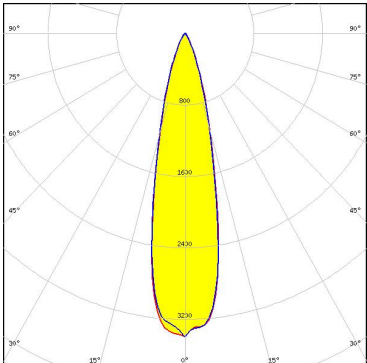
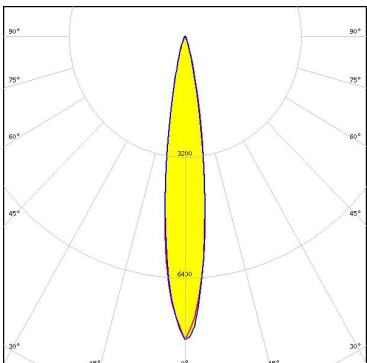
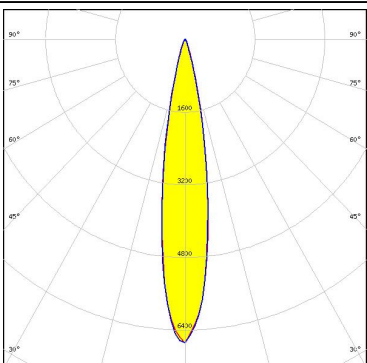
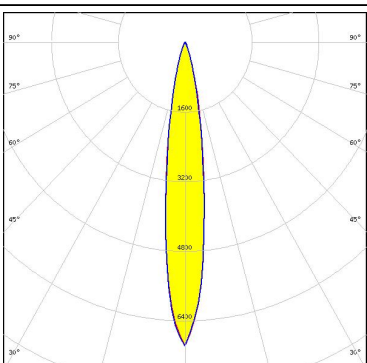
LED XP-G3
FWHM / FWTM 18.0° / 37.0°
Efficiency 81 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>CREE LED</p> <p>LED: CLR6A-TKW FWHM / FWTM: 21.0° / 42.0° Efficiency: 86 % Peak intensity: 4.5 cd/lm LEDs/each optic: 1 Light colour: RGBW Required components:</p>		
<p>CREE LED</p> <p>LED: XM-L3 FWHM / FWTM: 21.0° / 42.0° Efficiency: 80 % Peak intensity: 4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>CREE LED</p> <p>LED: XP-E2 FWHM / FWTM: 12.0° / 24.0° Efficiency: 88 % Peak intensity: 13 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>CREE LED</p> <p>LED: XP-G2 FWHM / FWTM: 15.0° / 28.0° Efficiency: 87 % Peak intensity: 9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):

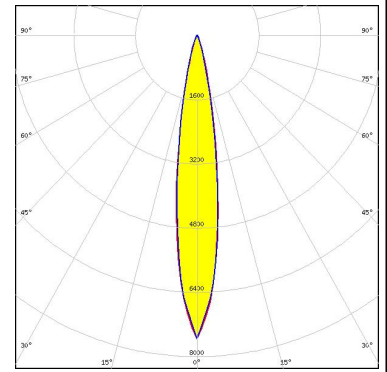
<p>LUMILEDS</p> <p>LED: LUXEON MZ FWHM / FWTM: 24.0° / 47.0° Efficiency: 81 % Peak intensity: 3.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON TX FWHM / FWTM: 15.0° / 30.0° Efficiency: 84 % Peak intensity: 8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NVSW219F FWHM / FWTM: 18.0° / 33.0° Efficiency: 87 % Peak intensity: 6.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NVSxE21A FWHM / FWTM: 16.0° / 34.0° Efficiency: 79 % Peak intensity: 7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

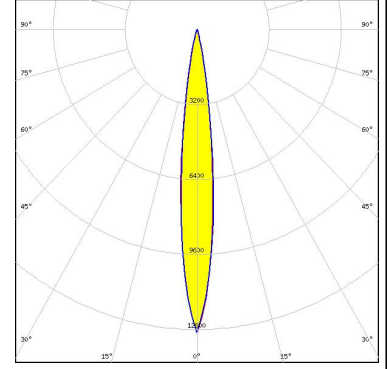
LED OSLO Square CSSRM2/CSSRM3
FWHM / FWTM 16.0° / 32.0°
Efficiency 86 %
Peak intensity 7.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

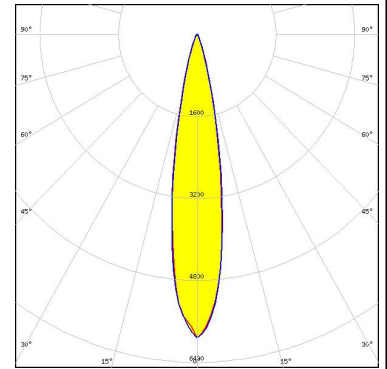
Opto Semiconductors

LED OSLO SSL 150
FWHM / FWTM 13.0° / 25.0°
Efficiency 88 %
Peak intensity 13 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH351C
FWHM / FWTM 19.0° / 36.0°
Efficiency 87 %
Peak intensity 5.9 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:

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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