

TINA-D

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



TECHNICAL SPECIFICATIONS:

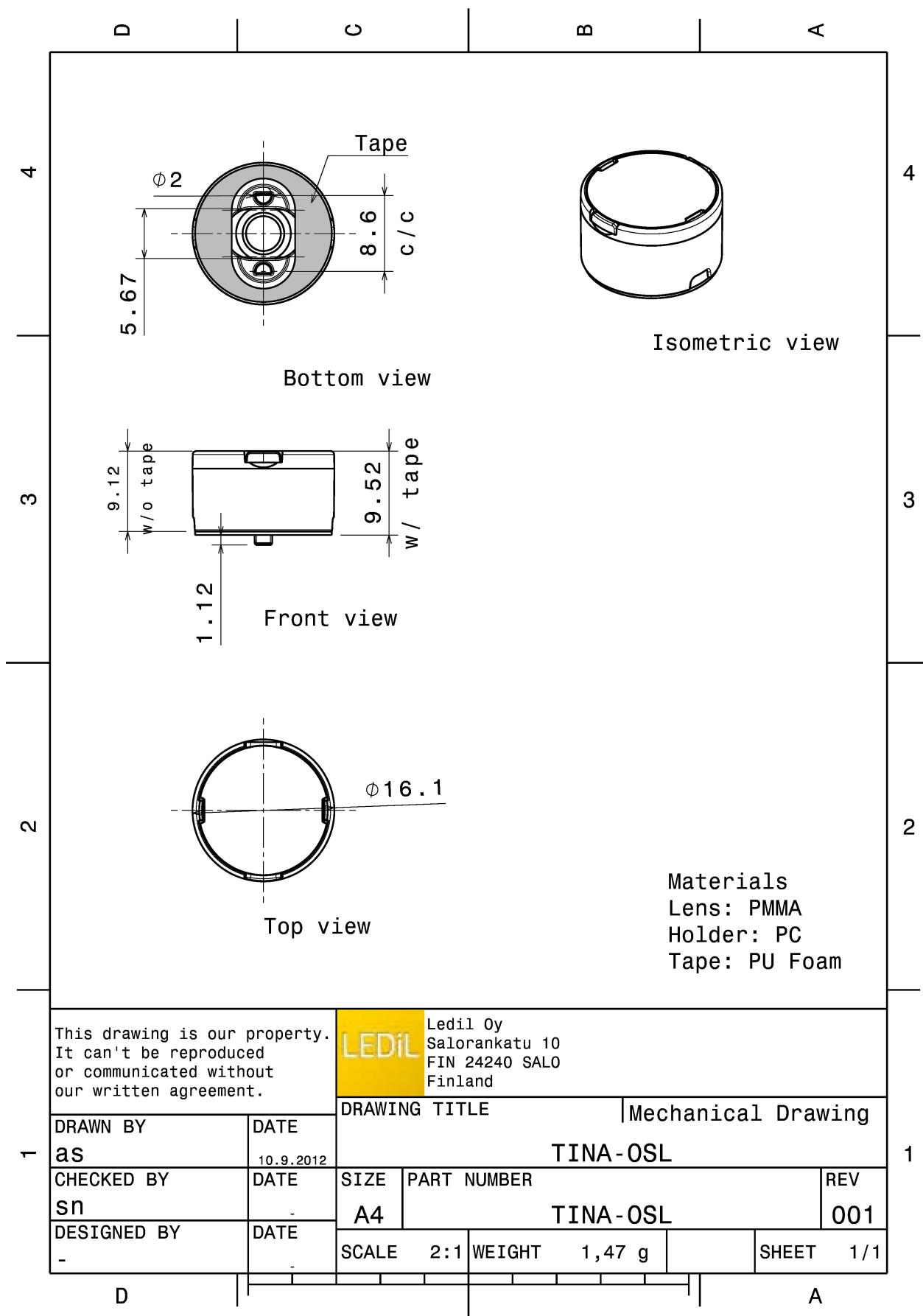
Dimensions	Ø 16.1 mm
Height	9.5 mm
Fastening	tape, pin
ROHS compliant	yes 

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA-D	Single lens	PMMA	clear	
TINA-HLD-PIN-BLK	Holder	PC	black	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
FA11205_TINA-D	2016	288	144	4.1
» Box size:				

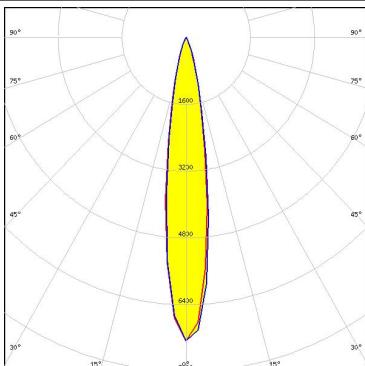
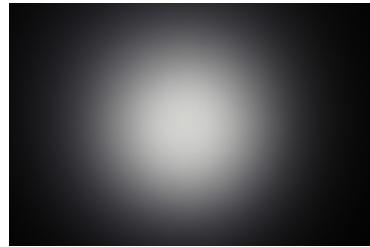


See also our general installation guide: www.ledil.com/installation_guide

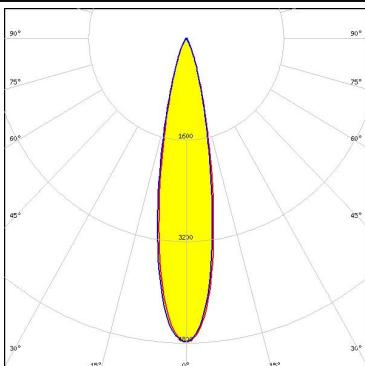
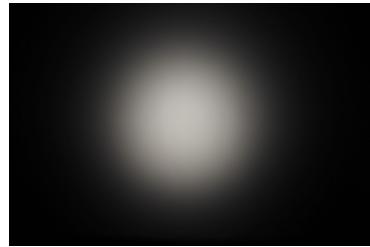
PHOTOMETRIC DATA (MEASURED):



LED XB-H
 FWHM / FWTM 17.0° / 35.0°
 Efficiency 87 %
 Peak intensity 7.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSW3x9A
 FWHM / FWTM 21.0° / 42.0°
 Efficiency 87 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



Opto Semiconductors
 LED OSLON SSL 150
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 89 %
 Peak intensity 6.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



Opto Semiconductors
 LED OSLON SSL 80
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 89 %
 Peak intensity 10.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED SFH 4715S

FWHM / FWTM 18.0° / 32.0°

Efficiency %

LEDs/each optic 1

Light colour White

Required components:

OSRAM

Opto Semiconductors

LED SFH 4725S

FWHM / FWTM 18.0° / 36.0°

Efficiency %

LEDs/each optic 1

Light colour White

Required components:

SAMSUNG

LED LH351A

FWHM / FWTM 18.0° / 37.0°

Efficiency 93 %

Peak intensity 4.1 cd/lm

LEDs/each optic 1

Light colour White

Required components:

SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2

FWHM / FWTM 16.0° / 33.0°

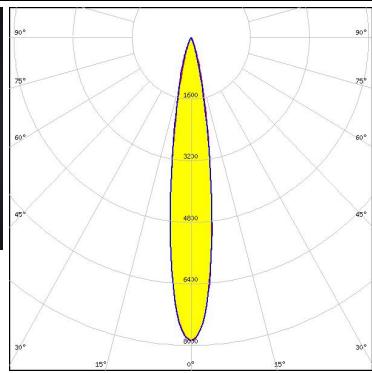
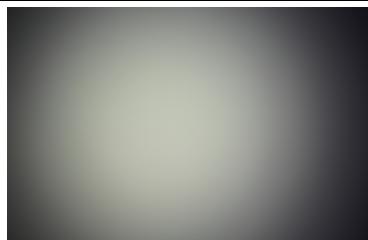
Efficiency 90 %

Peak intensity 7.9 cd/lm

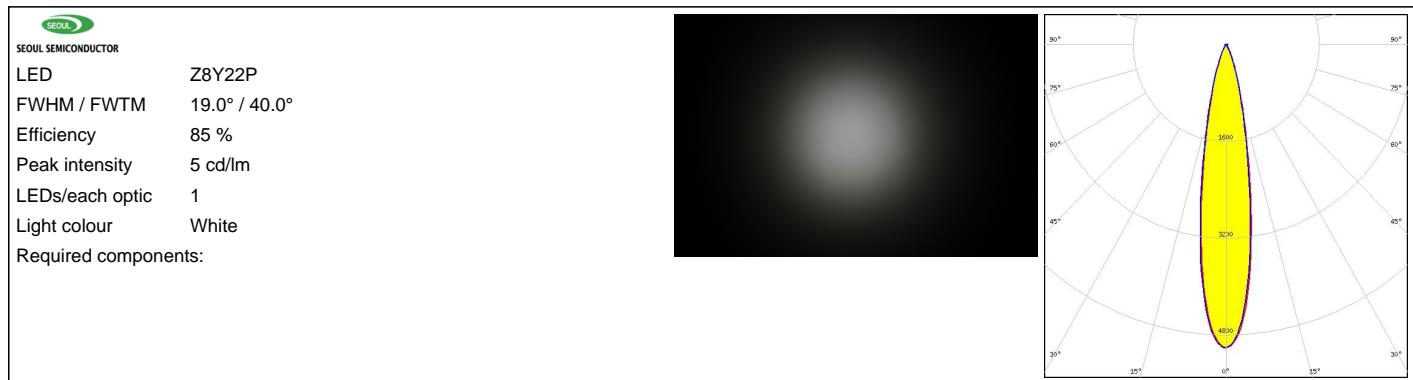
LEDs/each optic 1

Light colour White

Required components:



PHOTOMETRIC DATA (MEASURED):

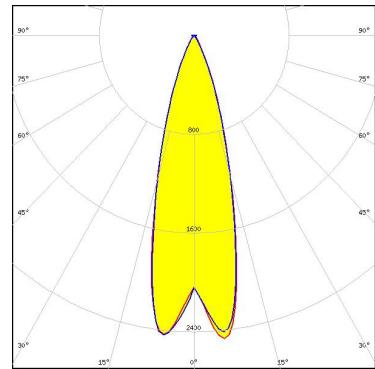


PHOTOMETRIC DATA (SIMULATED):



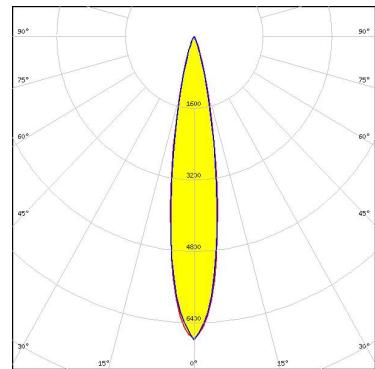
LED	NCSxE17A
FWHM / FWTM	30.0° / 52.0°
Efficiency	85 %
Peak intensity	2.5 cd/lm
LEDs/each optic	4
Light colour	White

Required components:



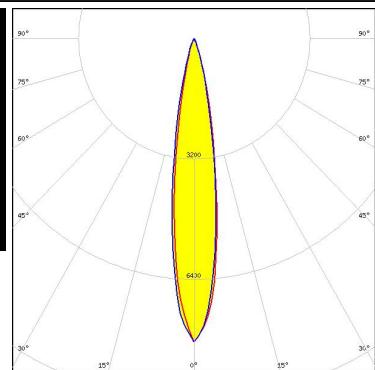
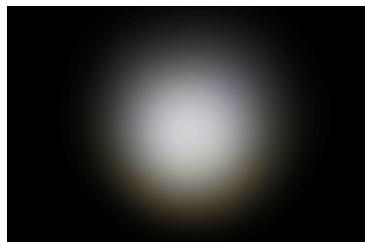
LED	NVSxx19B/NVSxx19C
FWHM / FWTM	18.0°
Efficiency	88 %
Peak intensity	7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



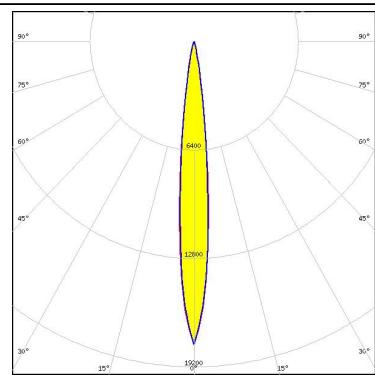
LED	Duris S5 (2 chip)
FWHM / FWTM	17.0° / 33.0°
Efficiency	92 %
Peak intensity	8.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



LED	SYNIO S2222 (KW DDLM31)
FWHM / FWTM	12.0 + 11.0° / 22.0°
Efficiency	97 %
Peak intensity	17.9 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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