

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 ⓘ

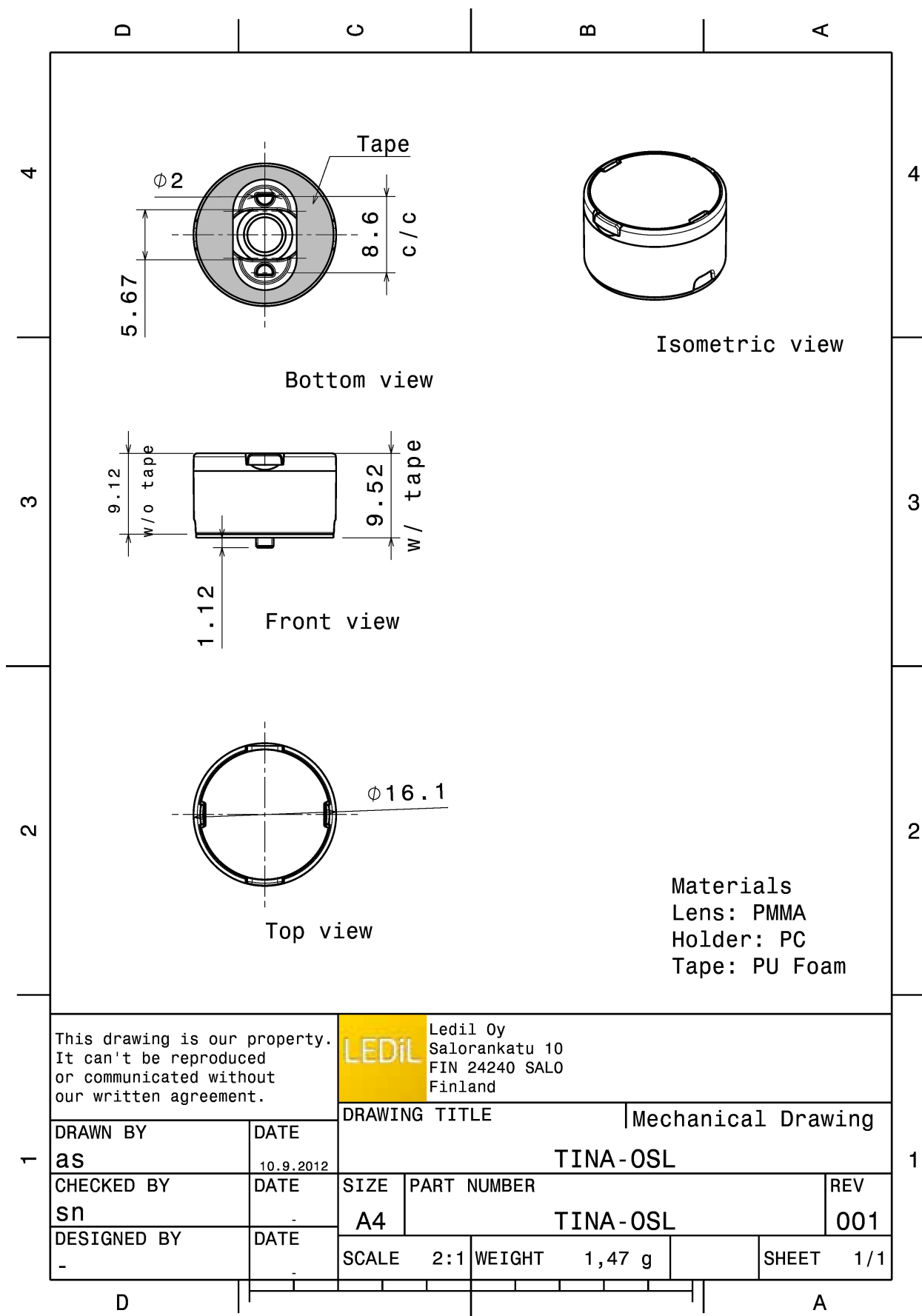


MATERIAL SPECIFICATIONS:

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	Single lens	2016	288	144	4.1
» Box size:					

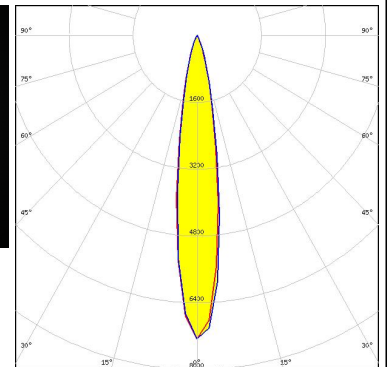
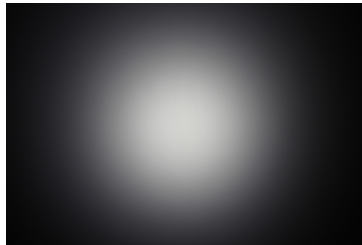


See also our general installation guide: www.ledil.com/installation_guide

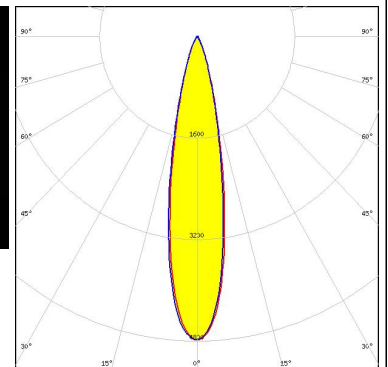
PHOTOMETRIC DATA (MEASURED):



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:



LED OSLOM 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:



LED OSLOM 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:

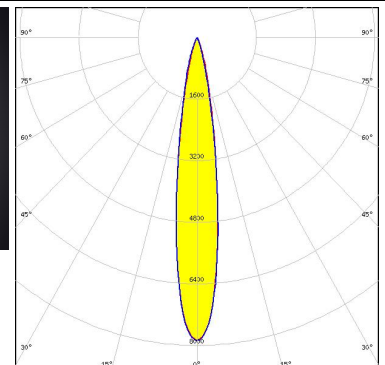
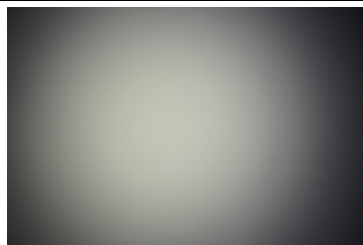
SAMSUNG

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:

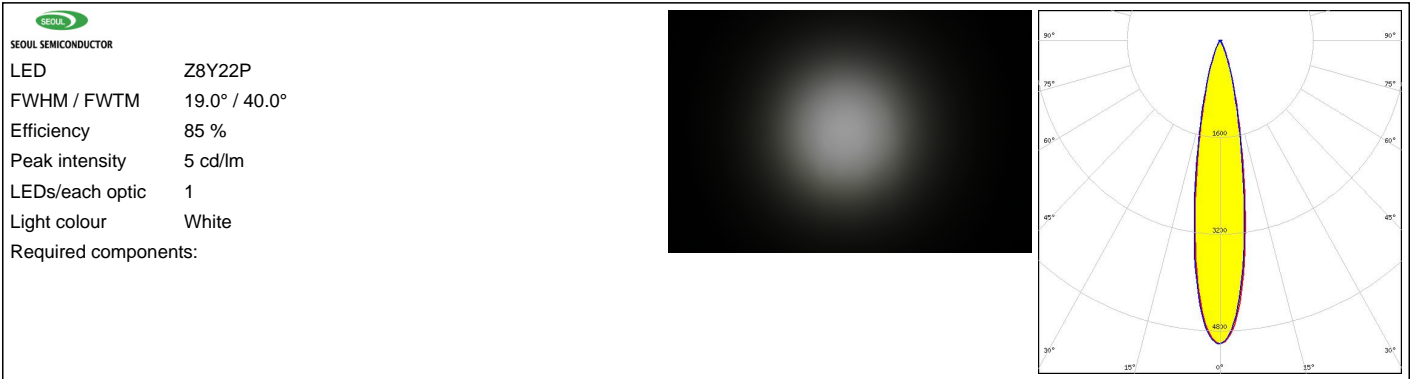


SEOUL SEMICONDUCTOR

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:



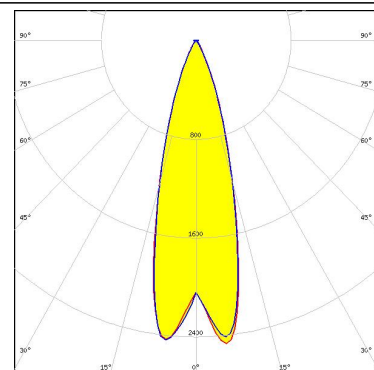
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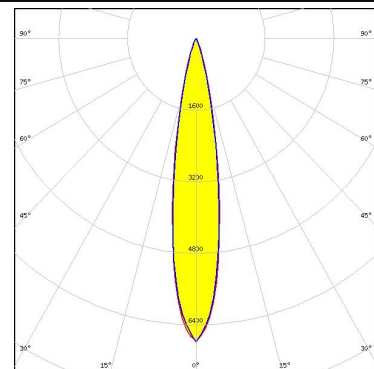
PHOTOMETRIC DATA (SIMULATED):



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:

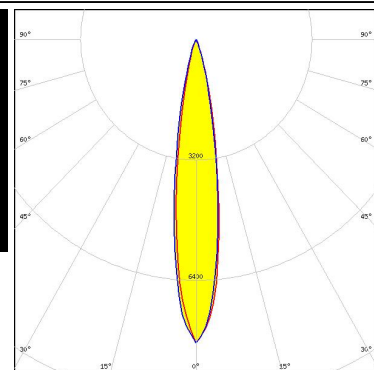
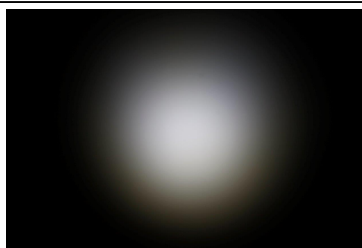


LED NVSxx19B/NVSxx19C
FWHM / FWTM 18.0°
Efficiency 88 %
Peak intensity 7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



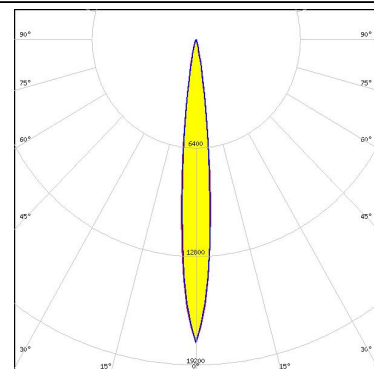
Opto Semiconductors

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:



Opto Semiconductors

LED SYNIOS 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:

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