

TINA-D

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

TECHNICAL SPECIFICATIONS:

Dimensions Height Fastening

ROHS compliant

9.5 mm tape, pin ves ⁽⁾

Ø 16.1 mm



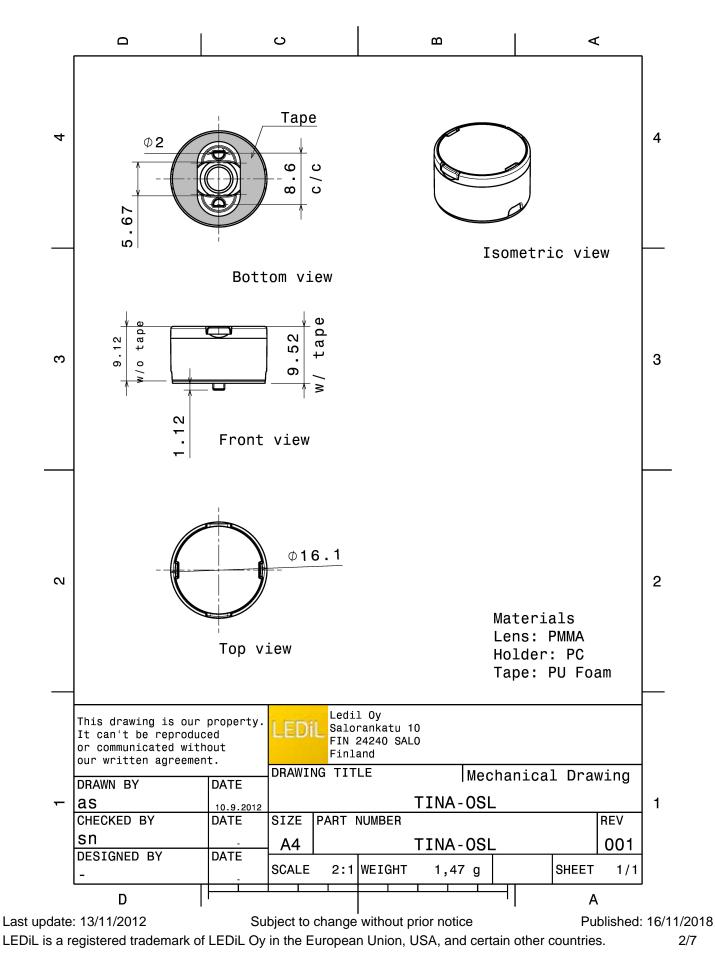
MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
TINA-D	Single lens	PMMA		
TINA-HLD-PIN-BLK	Holder	PC		
TINA-TAPE3	Таре	PU tape		

ORDERING INFORMATION:

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







PHOTOMETRIC DATA (MEASURED):

CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	XB-H 17.0° 87 % 7.300 cd/lm 1 White	200 200 200 200 200 200 200 200
EFWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	g, 100 g, 200 g, 200 g, 40 g,
OSRAM Doto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	25 ⁷ (* 15'
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	





PHOTOMETRIC DATA (MEASURED):

OSRAM Opto Semiconductors		
	SFH 4715S	
FWHM	18.0°	
Efficiency	%	
Peak intensity	cd/lm	
LEDs/each optic		
Light colour	White	
Required compon		
OSRAM Opto Semiconductors		
LED	SFH 4725S	
FWHM	18.0°	
Efficiency	% ad/m	
Peak intensity	cd/im	
LEDs/each optic		
Light colour	White	
Required compon	ents:	
SAM SU	ING LH351A	
FWHM	18.0°	
Efficiency	93 %	
Peak intensity	4.130 cd/lm	
LEDs/each optic		
Light colour	White	
Required compon		
		90* 90°
LED	Z5M1/Z5M2	
FWHM	16.0°	75* 1000
Efficiency	90 %	
Peak intensity	7.900 cd/lm	60 ⁴ 3200
LEDs/each optic		
Light colour	White	er er
Required compon		
		650
		30* 30*
		(15 ⁵) 0° 15°



PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR		90* 90*
LED	Z8Y22P	
FWHM	19.0°	
Efficiency	85 %	60° 1000 60°
Peak intensity	5.000 cd/lm	
LEDs/each optic	1	
Light colour	White	gr
Required compor	ents:	34 ⁴ 25 ⁴ 0 ⁴ 15 ⁴ 36



PHOTOMETRIC DATA (SIMULATED):

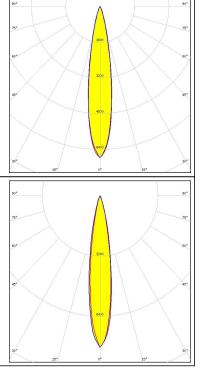
ΜΝΙCΗΙΛ

LED NVSxx19B/NVSxx19C FWHM 18.0° Efficiency 88 % Peak intensity 7.000 cd/lm LEDs/each optic 1 Light colour White Required components:

OSRAM Opto Semiconductor

LED Duris S5 (2 chip) FWHM 17.0° Efficiency 92 % Peak intensity 8.060 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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LEDiL Oy

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