

PRODUCT DATASHEET FA11205_TINA-D

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:

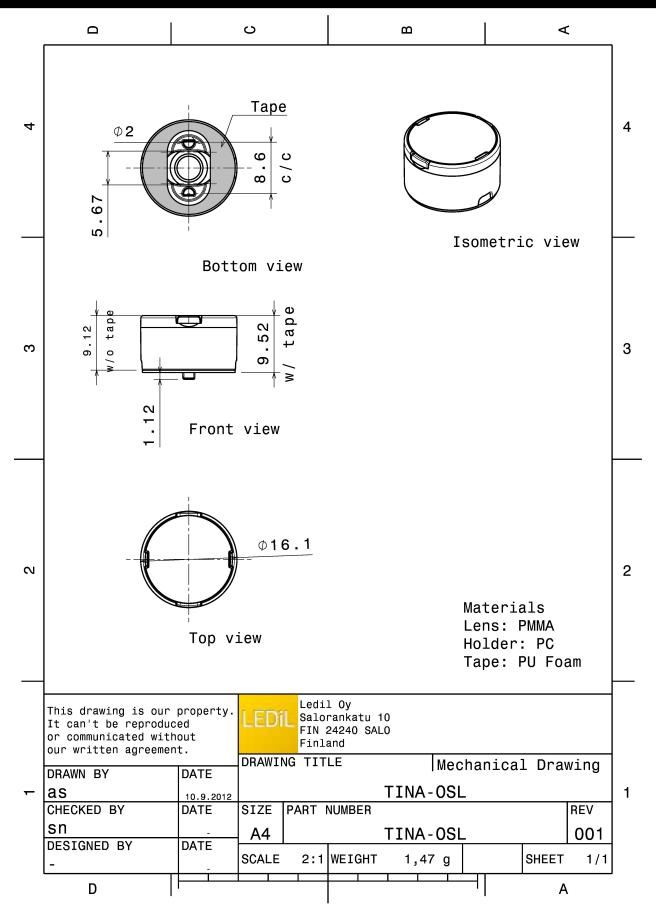
Component	Туре	Material	Colour	Finish
TINA-D	Single lens	PMMA	clear	
TINA-HLD-PIN-BLK	Holder	PC	black	
TINA-TAPE3	Таре	Acrylic foam	black	

ORDERING INFORMATION:

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



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



PHOTOMETRIC DATA (MEASURED):

CREE \$		95° A 90°
LED	ХВ-Н	
FWHM / FWTM	17.0° / 35.0°	75*
Efficiency	87 %	
Peak intensity	7.3 cd/lm	90 [*]
LEDs/each optic	1	
Light colour	White	97°
Required componer		
		600
		30°
		15
ØNICHI		90*
LED	NVSW3x9A	75'
FWHM / FWTM	21.0° / 42.0°	
Efficiency	87 %	ea. 1600 ea.
Peak intensity	4.8 cd/lm	
LEDs/each optic	1	
Light colour	White	52° (2°
Required componer	nts:	
		30° 0° 17° 36°
OSRAM		
Opto Semiconductors		
	OSLON SSL 150	
FWHM / FWTM	14.0° / 32.0° 89 %	
Efficiency		
Peak intensity LEDs/each optic	6.7 cd/lm 1	
Light colour	u White	
Required componer		
OSRAM		
Opto Semiconductors	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 componer		
l .		



PHOTOMETRIC DATA (MEASURED):

Opto Semiconductors						
LED	SFH 4715S					
FWHM / FWTM	18.0° / 32.0°					
Efficiency	%					
LEDs/each optic	1					
Light colour	White					
Required compone	ints:					
OSRAM Opto Semiconductors						
LED	SFH 4725S					
FWHM / FWTM	18.0° / 36.0°					
Efficiency	%					
LEDs/each optic	1					
Light colour	White					
Required compone	ents:					
0.0.0.0.0		 	 			
<u>SNMS</u>	JNG					
	J N G LH351A					
LED						
LED FWHM / FWTM	LH351A					
LED FWHM / FWTM Efficiency	LH351A 18.0° / 37.0°					
LED FWHM / FWTM Efficiency Peak intensity	LH351A 18.0° / 37.0° 93 %					
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351A 18.0° / 37.0° 93 % 4.1 cd/lm 1 White					
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LH351A 18.0° / 37.0° 93 % 4.1 cd/lm 1 White					
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351A 18.0° / 37.0° 93 % 4.1 cd/lm 1 White					
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LH351A 18.0° / 37.0° 93 % 4.1 cd/lm 1 White				7	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351A 18.0° / 37.0° 93 % 4.1 cd/lm 1 White ints:			99*	A	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LH351A 18.0° / 37.0° 93 % 4.1 cd/lm 1 White Ints:			90 ⁴		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LH351A 18.0° / 37.0° 93 % 4.1 cd/lm 1 White Ints: Z5M1/Z5M2 16.0° / 33.0°			99 ⁴	- And	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone scout semiconductor LED FWHM / FWTM Efficiency	LH351A 18.0° / 37.0° 93 % 4.1 cd/lm 1 White onts: Z5M1/Z5M2 16.0° / 33.0° 90 %			60. 30.		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone secul semiconductor LED FWHM / FWTM Efficiency Peak intensity	LH351A 18.0° / 37.0° 93 % 4.1 cd/lm 1 White onts: Z5M1/Z5M2 16.0° / 33.0° 90 % 7.9 cd/lm			90°	800	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone second semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351A 18.0° / 37.0° 93 % 4.1 cd/lm 1 White mts: Z5M1/Z5M2 16.0° / 33.0° 90 % 7.9 cd/lm 1			99°	500	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351A 18.0° / 37.0° 93 % 4.1 cd/lm 1 White ints:			90° 70° 60°	600 72,0 2000	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351A 18.0° / 37.0° 93 % 4.1 cd/lm 1 White ints:			90 ⁺		



PHOTOMETRIC DATA (MEASURED):

SEOUL		50 ³
SEOUL SEMICONDUCTOR	Z8Y22P	792
FWHM / FWTM Efficiency	19.0° / 40.0° 85 %	
Peak intensity	5 cd/lm	
LEDs/each optic	1	
Light colour Required compone	White ents:	9 ² 220
		30" 20" 20" 20" 20"



PHOTOMETRIC DATA (SIMULATED):

		
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSxx19B/NVSxx19C 18.0° 88 % 7 cd/lm 1 White	30. 32. 30. 24. 60. 65. 60. 60. 65. 25. 90. 65. 26. 60. 65. 26. 60. 65. 26. 65. 65. 26. 65. 65.
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Duris S5 (2 chip) 17.0° / 33.0° 92 % 8.1 cd/lm 1 White	3 ³ 3 ³
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SYNIOS S2222 (KW DDLM31) 12.0 + 11.0° / 22.0° 97 % 17.9 cd/lm 1 White	



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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