

PRODUCT DATASHEET CA18105_TINA-Y-W

TINA-Y-W

~36° wide 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
TINA-Y-W
TINA-Y-HLD
TINA-Y-TAPE

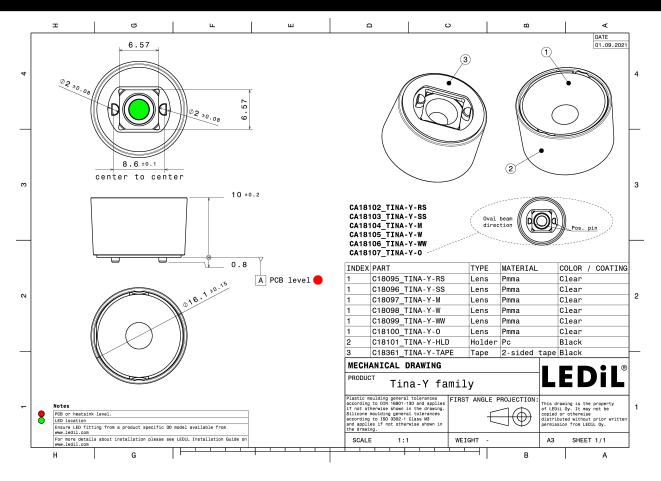
Туре
Single lens
Holder
Таре

Material	Colour	Finish
PMMA	clear	gloss
PC	black	gloss
Acrylic foam		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18105_TINA-Y-W	3900	300	300	6.0
» Box size: 476 x 273 x 197 mm				

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



PHOTOMETRIC DATA (MEASURED):

			50°
LED	XP-G3		
FWHM / FWTM	37.0° / 58.0°		400 -
Efficiency	79 %		505
Peak intensity	2 cd/lm		
LEDs/each optic	1		
Light colour	White		9 ⁵ - 1200
Required component	nts:	•	30° 200 0°



CREE LED	XM-L3 45.0° / 67.0° 80 % 1.4 cd/lm 1 White	270 270 270 270 270 270 270 270
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-E2 42.0° / 57.0° 88 % 2 cd/lm 1 White	207 207 207 207 207 207 207 207
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-G2 42.0° / 59.0° 87 % 1.9 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES 38.0° / 65.0° 82 % 1.8 cd/lm 1 White	200 200 200 200 200 200 200 200 200 200



	05	50°
LED FWHM / FWTM	LUXEON HL2X 48.0° / 66.0°	75
Efficiency	86 %	60* 60
Peak intensity	1.5 cd/lm	
LEDs/each optic	1	
Light colour	White	er er
Required components:		
		1200
		30 ⁶ 30 ⁷ 18 ⁸ 0 25 ⁹
	95	90 ⁴
LED	LUXEON MZ	
FWHM / FWTM	37.0° / 60.0°	400
Efficiency	83 %	50°
Peak intensity	2 cd/lm	
LEDs/each optic	1	
Light colour	White	5 ⁷ 1200
Required components:		
		30° 2000 30° 30°
)S	90° A 90°
LED	LUXEON TX	
FWHM / FWTM	40.0° / 59.0°	75*
FWHM / FWTM Efficiency		
Efficiency Peak intensity	40.0° / 59.0°	60 60 13 10 10 10 10 10 10 10 10 10 10 10 10 10
Efficiency Peak intensity LEDs/each optic	40.0° / 59.0° 85 % 1.9 cd/lm 1	60 61 13 13 13 13 13 13 13 13 14 14 14 14 14 14 14 14 14 14 14 14 14
Efficiency Peak intensity LEDs/each optic Light colour	40.0° / 59.0° 85 % 1.9 cd/lm	
Efficiency Peak intensity LEDs/each optic	40.0° / 59.0° 85 % 1.9 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour	40.0° / 59.0° 85 % 1.9 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour	40.0° / 59.0° 85 % 1.9 cd/lm 1	9 9 9 100 100
Efficiency Peak intensity LEDs/each optic Light colour	40.0° / 59.0° 85 % 1.9 cd/lm 1	20- 20- 20- 20- 20- 20- 20- 20-
Efficiency Peak intensity LEDs/each optic Light colour	40.0° / 59.0° 85 % 1.9 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components:	40.0° / 59.0° 85 % 1.9 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components:	40.0° / 59.0° 85 % 1.9 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required components:	40.0° / 59.0° 85 % 1.9 cd/lm 1 White NVSW219F 46.0° / 65.0° 86 %	
Efficiency Peak intensity LEDs/each optic Light colour Required components:	40.0° / 59.0° 85 % 1.9 cd/lm 1 White NVSW219F 46.0° / 65.0° 86 % 1.6 cd/lm	
Efficiency Peak intensity LEDs/each optic Light colour Required components:	40.0° / 59.0° 85 % 1.9 cd/lm 1 White NVSW219F 46.0° / 65.0° 86 % 1.6 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components:	40.0° / 59.0° 85 % 1.9 cd/lm 1 White NVSW219F 46.0° / 65.0° 86 % 1.6 cd/lm	
Efficiency Peak intensity LEDs/each optic Light colour Required components:	40.0° / 59.0° 85 % 1.9 cd/lm 1 White NVSW219F 46.0° / 65.0° 86 % 1.6 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components:	40.0° / 59.0° 85 % 1.9 cd/lm 1 White NVSW219F 46.0° / 65.0° 86 % 1.6 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components:	40.0° / 59.0° 85 % 1.9 cd/lm 1 White NVSW219F 46.0° / 65.0° 86 % 1.6 cd/lm 1	



- (
MICHIΛ		90* 90*
LED	NVSxE21A	
FWHM / FWTM	32.0° / 50.0°	73
Efficiency	81 %	500 - 500 - 500 - 50°
Peak intensity	2.7 cd/lm	
LEDs/each optic	1	
Light colour	White	g* <u>1600</u> g*
Required components:		
		2450
		30
		15 0° 15'
OSRAM Opto Semiconductors		90* 90*
LED	Duris S8	
FWHM / FWTM	39.0° / 69.0°	75*
Efficiency	77 %	400
Peak intensity	1.4 cd/lm	$f \times / / \wedge \times \uparrow$
LEDs/each optic	1	
Light colour	White	
Required components:		
		1230
		3/10 30.0
OSRAM		15
OSRAM Opto Semiconductors		25°
LED	OSLON Square CSSRM2/CSSRM3	25° , 35° 25°
LED FWHM / FWTM	36.0° / 58.0°	
LED FWHM / FWTM Efficiency	36.0° / 58.0° 86 %	27 <u>(ka</u> 27 59 ⁴ 39 ⁴ 60 ⁴ 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity	36.0° / 58.0° 86 % 2.1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	36.0° / 58.0° 86 % 2.1 cd/lm 1	27 Ara 27 64 64 66 66 66 66 66 66 66 66
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	36.0° / 58.0° 86 % 2.1 cd/lm	60 ¹ 00.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	36.0° / 58.0° 86 % 2.1 cd/lm 1	6,4 6,4
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	36.0° / 58.0° 86 % 2.1 cd/lm 1	6,4 6,4
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	36.0° / 58.0° 86 % 2.1 cd/lm 1	6 ³⁴ 500 56*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	36.0° / 58.0° 86 % 2.1 cd/lm 1 White	6,4 6,4
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	36.0° / 58.0° 86 % 2.1 cd/lm 1 White	30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	36.0° / 58.0° 86 % 2.1 cd/lm 1 White	54 54 54 54 54 54 54 54 54 54
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	36.0° / 58.0° 86 % 2.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM	36.0° / 58.0° 86 % 2.1 cd/lm 1 White	54 54 54 54 54 54 54 54 54 54
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency	36.0° / 58.0° 86 % 2.1 cd/lm 1 White G LH351B 44.0° / 64.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM	36.0° / 58.0° 86 % 2.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity	36.0° / 58.0° 86 % 2.1 cd/lm 1 White LH351B 44.0° / 64.0° 86 % 1.7 cd/lm	60° 00° 00° 00°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	36.0° / 58.0° 86 % 2.1 cd/lm 1 White LH351B 44.0° / 64.0° 86 % 1.7 cd/lm 1	60° 00° 00° 00°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SANNSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	36.0° / 58.0° 86 % 2.1 cd/lm 1 White LH351B 44.0° / 64.0° 86 % 1.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SANNSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	36.0° / 58.0° 86 % 2.1 cd/lm 1 White LH351B 44.0° / 64.0° 86 % 1.7 cd/lm 1	60° 00° 00° 00°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	36.0° / 58.0° 86 % 2.1 cd/lm 1 White LH351B 44.0° / 64.0° 86 % 1.7 cd/lm 1	60° 00° 00° 00°



SAMSU	NG	90 ⁴ 95 ⁴
LED	LH351C	77
FWHM / FWTM	45.0° / 65.0°	
Efficiency	87 %	60 ⁴
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	White	g. at
Required component	S:	200



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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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