

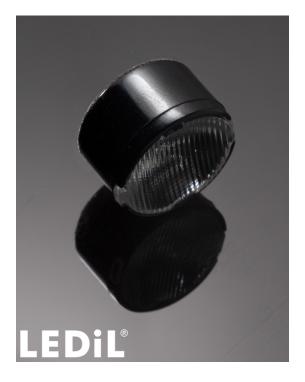
# PRODUCT DATASHEET CA12379\_TINA2-O

# TINA2-O

 $\sim$ 35° + 15° oval beam. Assembly with holder, installation tape and location pins.

## **TECHNICAL SPECIFICATIONS:**

Dimensions	Ø 16.0 mm
Height	9.5 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



Finish

## MATERIAL SPECIFICATIONS:

Component		
TINA2-XP-O		
TINA2-HLD-BLK		
TINA-TAPE3		

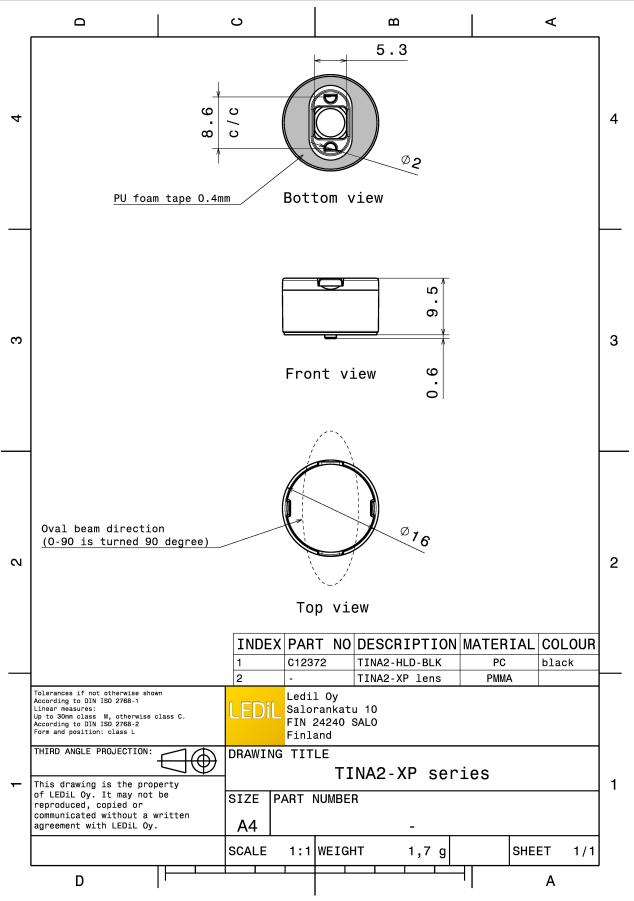
Туре	Material	Colour
Single lens	PMMA	clear
Holder	PC	black
Таре	Acrylic foam	black

## **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12379_TINA2-O	Single lens	4140	230	230	8.5
» Box size: 451 x 241 x 298 mm					



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



		90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XB-H 34.0 + 17.0° / 57.0 + 39.0° 84 % 3.9 cd/lm 1 White	
		30° 15° 0° 15°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XD16 32.0 + 15.0° / 54.0 + 32.0° 80 % 4.1 cd/lm 1 White	
	_	12 <sup>1</sup> 0 <sup>1</sup> 12 <sup>2</sup>
CREE CLE	XQ-E HI 33.0 + 13.0° / 51.0 + 28.0° 80 % 5 cd/lm 1 White	5° 5° 5° 5° 5° 6° 100 6° 6° 100 6° 6°
C LUMIL LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON CZ 32.0 + 10.0° / 49.0 + 23.0° 88 % 6.4 cd/lm 1 White	
		30° 20° 32



UMIL	EDS	90 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON TX 32.0 + 16.0° / 55.0 + 37.0° 85 % 4 cd/lm 1	25-
Light colour Required compone	White nts:	
UMIL	EDS	3.12279_13/3.40_(science)2.557
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON Z ES 36.0 + 13.0° / 56.0 + 28.0° 85 % 5.3 cd/lm 1 White nts:	
		20 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NWSx229A 33.0 + 24.0° / 65.0 + 49.0° 82 % 2.5 cd/lm 1 White	
		34° 207 07 207
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON Black Flat 31.0 + 12.0° / 50.0 + 24.0° 87 % 6 cd/lm 1 White nts:	



OSRAM		90° 90°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON Square CSSRM2/CSSRM3 32.0 + 16.0° / 55.0 + 36.0° 87 % 4 cd/lm 1 White ents:	27 - 27 99 99 90 100 100 100 100 100 1
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON Square EC 33.0 + 17.0° / 57.0 + 37.0° 84 % 3.9 cd/lm 1 White ents:	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON Square Flat 31.0 + 12.0° / 50.0 + 24.0° 87 % 5.9 cd/lm 1 White ents:	94 95 95 96 96 96 96 96 96 96 96 96 96 96 96 96
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON Square PC 33.0 + 13.0° / 56.0 + 34.0° 87 % 3.8 cd/lm 1 White ents:	



#### **OSRAM** Opto Ser

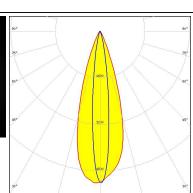
LED OSLON SSL 150 FWHM / FWTM 38.0 + 13.0° / 59.0 + 30.0° Efficiency 87 % Peak intensity 3.7 cd/lm LEDs/each optic 1 Light colour White Required components:

#### **OSRAM** Opto S

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic 1 Light colour Required components:

**OSLON SSL 150** 33.0 + 13.0° / 52.0 + 28.0° 86 % 5.2 cd/lm White





# OSRAM Opto Semiconductore

LED OSLON SSL 80 FWHM / FWTM 35.0 + 12.0° / 56.0 + 30.0° Efficiency 86 % Peak intensity 3.8 cd/lm LEDs/each optic 1 Light colour White Required components:

#### **OSRAM** Opto S

SFH 4170S LED FWHM / FWTM 30.0 + 10.0° / 50.0 + 26.0° Efficiency % LEDs/each optic 1 IR Light colour Required components:



OSRAM Opto Semiconductors			
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone	SFH 4180S 31.0 + 10.0° / 50.0 + 27.0° % 1 IR nts:		
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z5M3 33.0 + 19.0° / 59.0 + 42.0° 82 % 3.2 cd/lm 1 White nts:	97 75 07 97	20 00 00 00 00 00 00 00 00 00



CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XB-D White 39.0 + 18.0° / 67.0 + 36.0° 86 % 3.3 cd/lm 1 White	90 <sup>4</sup> 75 90 <sup>4</sup> 90 <sup></sup>
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 2835 Line 38.0 + 16.0° / 66.0 + 34.0° 96 % 3.7 cd/lm 1 White	-(Pith, c)Pith, (Pith,
EUMILEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON C 14.0 + 37.0° / 30.0 + 60.0° 93 % 4.2 cd/lm 1 White	30 <sup>4</sup> 30 <sup>4</sup> 30 <sup>4</sup> 30 <sup>5</sup> 30
ED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	LUXEON IR Compact 37.0 + 13.0° / 60.0 + 27.0° 82 % 1 White	



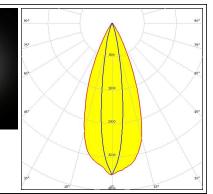
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NCSxE17A 42.0 + 13.0° / 62.0 + 26.0° 87 % 4.4 cd/lm 1 White	394 394 57 64 5230 5200 5200 5200 5200 5200 5200 5200 5200 5200 5200 5200 5200 520 52
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NFSx757G 41.0 + 13.0° / 63.0 + 29.0° 90 % 4.4 cd/lm 1 White	30 <sup>4</sup> 50 50 50 50 50 50 50 50 50 50 50 50 50
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSxx19B/NVSxx19C 39.0 + 17.0° / 66.0 + 36.0° 86 % 3.3 cd/lm 1 White	200 200 200 200 200 200 200 200
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSxx19B/NVSxx19C 39.0 + 18.0° / 68.0 + 39.0° 85 % 3.1 cd/lm 1 White	257 e <sup>(c)</sup> 15 <sup>4</sup>



#### OSRAM Opto Semiconductors

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Duris S5 (2 chip) 41.0 + 17.0° / 64.0 + 34.0° 91 % 3.6 cd/lm 1 White





#### OSRAM

LED
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic
Light colour
Required components:

SFH 4770S 41.0 + 16.0° / 63.0 + 33.0° 85 % 3.5 cd/lm 1 White

#### OSRAM Opto Semiconductors LED Synios P2720 1 mm FWHM / FWTM 41.0 + 11.0° / 57.0 + 23.0° Efficiency 91 % Peak intensity 5.5 cd/lm LEDs/each optic 1 Light colour White Required components: **OSRAM** Opto Se LED Synios P2720 1/2 mm FWHM / FWTM 41.0 + 10.0° / 56.0 + 23.0° 91 % Efficiency Peak intensity 5.7 cd/lm LEDs/each optic 1 White Light colour Required components:



OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Synios P2720 1/4 mm 41.0 + 9.0° / 56.0 + 22.0° 91 % 6 cd/lm 1 White	DJ 600 DJ   M, DD DD   GL DD DD   GL DD DD   DD DD DD
SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LM302D 40.0 + 16.0° / 66.0 + 36.0° 88 % 3.4 cd/lm 1 White	54 54 56 56 56 56 56 56 56 56 56 56



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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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