

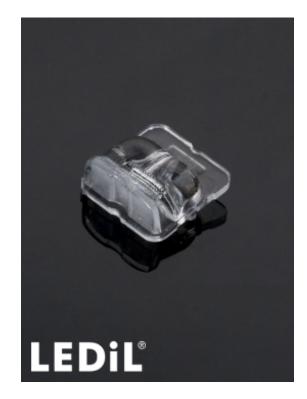
PRODUCT DATASHEET C16374_SITARA-T2

SITARA-T2

IESNA Type II (medium) beam, applicable for European P-class standard pedestrian lighting and M-class roads.

TECHNICAL SPECIFICATIONS:

Dimensions Height Fastening ROHS compliant 18.0 x 18.0 mm 7.7 mm glue, pin yes 1



MATERIAL SPECIFICATIONS:

Component SITARA-T2

Туре	
Single lens	

Colour
clear

Material

PC

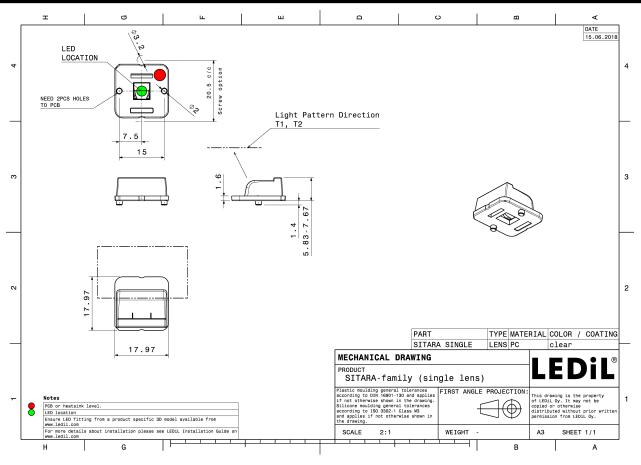
Finish

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16374_SITARA-T2	8000	2000	2000	12.1
» Box size: 400 x 300 x 300 mm				



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



PHOTOMETRIC DATA (MEASURED):

		91*
LED	 XP-E2	
FWHM / FWTM	Asymmetric	75° 400 75°
Efficiency	90 %	
Peak intensity	2.5 cd/lm	60° 60°
LEDs/each optic	1	1200
Light colour	White	
Required compone		100
		2450
		30* 15° 0° 15° 30*
	EDS	THY FFT
		90* 99*
	LUXEON 5050 Round LES	750 752
FWHM / FWTM	Asymmetric	
Efficiency	88 %	60 ⁴ 400 60 ⁴
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	5° 5°
Required compone	nts:	
		X / X
		30° 1200 10° 30°
OSRAM		NM
Opto Semiconductors	Duris S8	90° 90°
FWHM / FWTM	Asymmetric	75° 78°
Efficiency	90 %	
Peak intensity	0.6 cd/lm	604 604
LEDs/each optic	1	× / 140
Light colour	' White	$Z \times I \setminus X \setminus$
Required compone		
rtoquirou compone		
		800
		30° 1000 30° 30°
SAMSI	ING	TTY FTI
-		90* 90*
	LH508A	730 750
FWHM / FWTM	Asymmetric	
Efficiency	89 %	50* 400 50*
Peak intensity	0.6 cd/lm	X/T
LEDs/each optic	1 Million	X / m
Light colour	White	6. C
Required compone	nis:	30
		X X
		1000
		30° 30°



PHOTOMETRIC DATA (SIMULATED):

		90° - 90°
		4
LED	MHB-A/B	
FWHM / FWTM	Asymmetric	60°.
Efficiency	80 %	400
LEDs/each optic	1	
Light colour	White	43* 600 43*
Required components:		
		800
		\times / T \ λ
		30° 10 ⁵ 1000 10° 30°
OSRAM Opto Semiconductors		
LED	Duris S8	90*
FWHM / FWTM	Asymmetric	73° 200 73°
Efficiency	77 %	
Peak intensity	0.5 cd/lm	60 ⁴ 60 ⁴ .
LEDs/each optic	1	
Light colour	White	400
Required components:		
		600
Protective plate	e, glass	700
		15 ⁵ 0° 15°
OSRAM		
OSRAM Opto Semiconductors		82
Opto Semiconductors	OSCONIQ P 3737 (2W version)	20- 20- 20-
Opto Semiconductors LED FWHM / FWTM	Asymmetric	25°
opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 87 %	92 ⁻ 12 ³ 400 10 ⁻ 10 ⁻
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 87 % 1.4 cd/lm	94 194 194 194 194 194 194 194 1
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 87 % 1.4 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 87 % 1.4 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 87 % 1.4 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 87 % 1.4 cd/lm 1	6° (7)
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 87 % 1.4 cd/lm 1	6° (7)
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 87 % 1.4 cd/lm 1	6° (7)
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 87 % 1.4 cd/lm 1	5° 129 200 200 200 200 200
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 87 % 1.4 cd/lm 1 White	5° 129 200 200 200 200 200
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED	Asymmetric 87 % 1.4 cd/lm 1 White OSCONIQ P 3737 (3W version)	5° 5° 109 209 209
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	Asymmetric 87 % 1.4 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric	5° 5° 109 209 209
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 87 % 1.4 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 88 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 87 % 1.4 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 87 % 1.4 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 88 % 0.9 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 87 % 1.4 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 88 % 0.9 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 87 % 1.4 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 88 % 0.9 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 87 % 1.4 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 88 % 0.9 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 87 % 1.4 cd/lm 1 White OSCONIQ P 3737 (3W version) Asymmetric 88 % 0.9 cd/lm 1	



PHOTOMETRIC DATA (SIMULATED):

S ΛMSU	NG	92 92
LED	LM101B	
FWHM / FWTM	Asymmetric	
Efficiency	83 %	
Peak intensity	0.8 cd/lm	a ⁰⁴ 40 6 ³ 1
LEDs/each optic	4	60
Light colour	White	er er
Required component	ts:	80
		2000
		100* 120 0* 15* 0*



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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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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