

STELLA-T4

IESNA Type IV for wider roads and area lighting like car parks and gardens. Compatible with up to 23 mm LES size COBs.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 90.0 mm
Height	26.9 mm
Fastening	screw
Colour	black
Box size	480 x 280 x 300 mm
Box weight	7.1 kg
Quantity in Box	135 pcs
ROHS compliant	yes 🛈

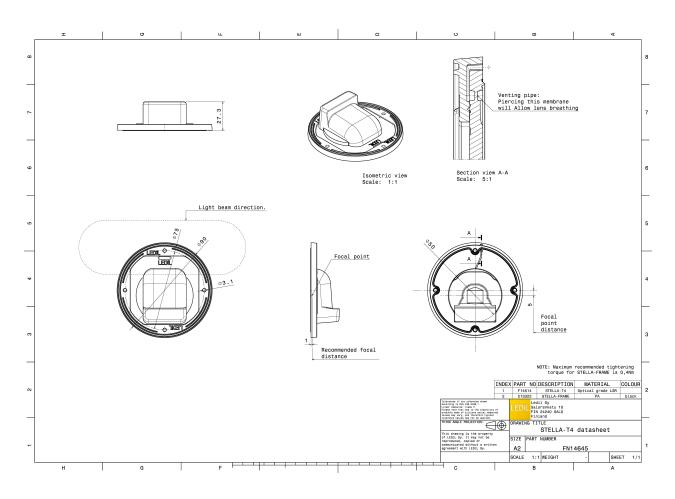


MATERIAL SPECIFICATIONS:

Component STELLA-T4 STELLA-FRAME **Type** Single lens Holder Material Silicone PA66 Colour clear black



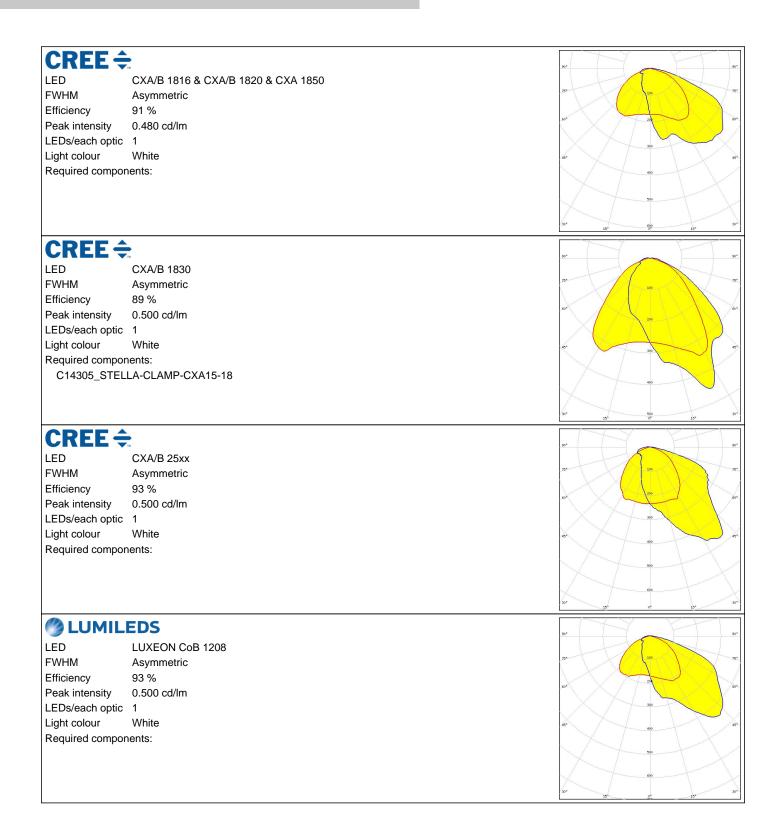






bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	
LEDs/each optic	White ents:	997 77 607 90 90 90 90 90 90 90 90 90 90 90 90 90
FWHM Efficiency	White	5°* 12° 0° 12° 5°
CITIZEI LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	CLL04x/CLU04x Asymmetric 91 % 0.470 cd/lm 1 White	







A		
	EDS	90* 9C
LED	LUXEON CoB 1211	
FWHM	Asymmetric	200 7
Efficiency	92 %	
Peak intensity	0.500 cd/lm	eut e
LEDs/each optic		X X
Light colour	White	
Required compor		400
riequieu eempei		
		XIX
		600
		30° 15° 3
	EDS	90° 9
LED	LUXEON CoB 1216/1812	
FWHM	Asymmetric	75* 100 77
Efficiency	92 %	
Peak intensity	0.480 cd/lm	ene en
LEDs/each optic		
Light colour	White	
Required compor		
riequieu eempei		
		500
		30° 600 30 15° 0° 15°
6		
	NUS	
		90* 90
LED	CxM-14 (19x19)	94 92 35 20 73
LED FWHM	CxM-14 (19x19) Asymmetric	33 ⁴ 50
LED FWHM Efficiency	CxM-14 (19x19) Asymmetric 94 %	30* 200 77 75* 200 77 80* 80* 80* 80* 80* 80* 80* 80* 80* 80*
LED FWHM Efficiency Peak intensity	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm	54* 550 64 50 50 6 50 6 50 6
LED FWHM Efficiency Peak intensity LEDs/each optic	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm 1	5x* 9 75 50 6x 7 80 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm 1 White	5x 50 5x 6y 6y 6y
LED FWHM Efficiency Peak intensity LEDs/each optic	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm 1 White	5 ³ 6 ³ 7 ³
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm 1 White nents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm 1 White hents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm 1 White hents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm 1 White hents: NUS CxM-18 (21.5x21.5) Asymmetric	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm 1 White eents: NUS CxM-18 (21.5x21.5) Asymmetric 94 %	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm 1 White eents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm 1 White enents: CxM-18 (21.5x21.5) Asymmetric 94 % 0.500 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm 1 White nents: NUS CxM-18 (21.5x21.5) Asymmetric 94 % 0.500 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm 1 White nents: NUS CxM-18 (21.5x21.5) Asymmetric 94 % 0.500 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm 1 White nents: NUS CxM-18 (21.5x21.5) Asymmetric 94 % 0.500 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm 1 White nents: NUS CxM-18 (21.5x21.5) Asymmetric 94 % 0.500 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CxM-14 (19x19) Asymmetric 94 % 0.500 cd/lm 1 White nents: NUS CxM-18 (21.5x21.5) Asymmetric 94 % 0.500 cd/lm 1 White	



ΜΝΙCΗΙΛ		90° 90°
LED	СОВ Ј-Туре	
FWHM	Asymmetric	75* 100. 75*
Efficiency	92 %	
Peak intensity	0.480 cd/lm	60° 200 69°
LEDs/each optic		
Light colour	White	
Required compor		45° 400 45°
Required compor	ents.	\times
		30* 15 ³ 0 ⁶ 15* 30*
OSRAM		
Opto Semiconductors		90° 90°
LED	Soleriq S13	25* 200 75*
FWHM	Asymmetric	
Efficiency	93 %	. 60 ⁴ 20
Peak intensity	0.530 cd/lm	
LEDs/each optic		30
Light colour	White	400 45*
Required compor	ients:	
		200
		550
		30° 15 ³ 0° 15° 30°
OSRAM		
OSRAM Opto Semiconductors		y' y'
Opto Semiconductors	Soleriq S19	90 90°
Opto Semiconductors LED FWHM	Asymmetric	95° (200 - 95°
opto Semiconductors LED FWHM Efficiency	Asymmetric 93 %	
opto Semiconductors LED FWHM Efficiency Peak intensity	Asymmetric 93 % 0.490 cd/lm	01 ⁴ 00 ⁴ 00 ⁴ 00 ⁴
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.490 cd/lm 1	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.490 cd/lm 1 White	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.490 cd/lm 1 White	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.490 cd/lm 1 White	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.490 cd/lm 1 White	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.490 cd/lm 1 White	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 93 % 0.490 cd/lm 1 White ents:	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 93 % 0.490 cd/lm 1 White lents: ING	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 93 % 0.490 cd/lm 1 White ents: OB D Series LES 14.5 mm	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 93 % 0.490 cd/lm 1 White ents: OB D Series LES 14.5 mm Asymmetric	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Asymmetric 93 % 0.490 cd/lm 1 White ents: OB D Series LES 14.5 mm Asymmetric 90 %	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor SANSU LED FWHM Efficiency Peak intensity	Asymmetric 93 % 0.490 cd/lm 1 White ents: COB D Series LES 14.5 mm Asymmetric 90 % 0.470 cd/lm	
opte Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor SANSU LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.490 cd/lm 1 White tents: COB D Series LES 14.5 mm Asymmetric 90 % 0.470 cd/lm 1	
opte Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor SANSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.490 cd/lm 1 White vents: COB D Series LES 14.5 mm Asymmetric 90 % 0.470 cd/lm 1 White	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor SANSU LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 0.490 cd/lm 1 White vents: COB D Series LES 14.5 mm Asymmetric 90 % 0.470 cd/lm 1 White	50 50 50 50 50 50 50 50 50 50
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor SANSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.490 cd/lm 1 White vents: COB D Series LES 14.5 mm Asymmetric 90 % 0.470 cd/lm 1 White	90 90 90 90 90 90 90 90 90 90
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor SANSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.490 cd/lm 1 White vents: COB D Series LES 14.5 mm Asymmetric 90 % 0.470 cd/lm 1 White	90 90 90 90 90 90 90 90 90 90
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor SANSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 0.490 cd/lm 1 White vents: COB D Series LES 14.5 mm Asymmetric 90 % 0.470 cd/lm 1 White	90 90 90 90 90 90 90 90 90 90



<u> </u> S M S I	JNG	244
LED	COB D Series LES 22 mm	
FWHM	Asymmetric	751
Efficiency	90 %	
Peak intensity	0.470 cd/lm	^{60*}
LEDs/each optic	1	
Light colour	White	er at
Required compo	nents:	
		**
		307 300
SEOUL		
SEOUL SEMICONDUCTOR		50* 50*
LED	MJT COB LES 14.5	
FWHM	Asymmetric	77
Efficiency	90 %	
Peak intensity	0.600 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compo	nents:	
Bender Wirth:	433 Typ Z1	
SEOUL		25 ⁵ / 0 ⁵)35 ⁴
SEOUL SEMICONDUCTOR		50°
LED	MJT COB LES 22	
FWHM	Asymmetric	
Efficiency	89 %	60
Peak intensity	0.490 cd/lm	
LEDs/each optic	1	
Light colour	White	a.
Required compo		
Bender Wirth:	431 Typ Z1	

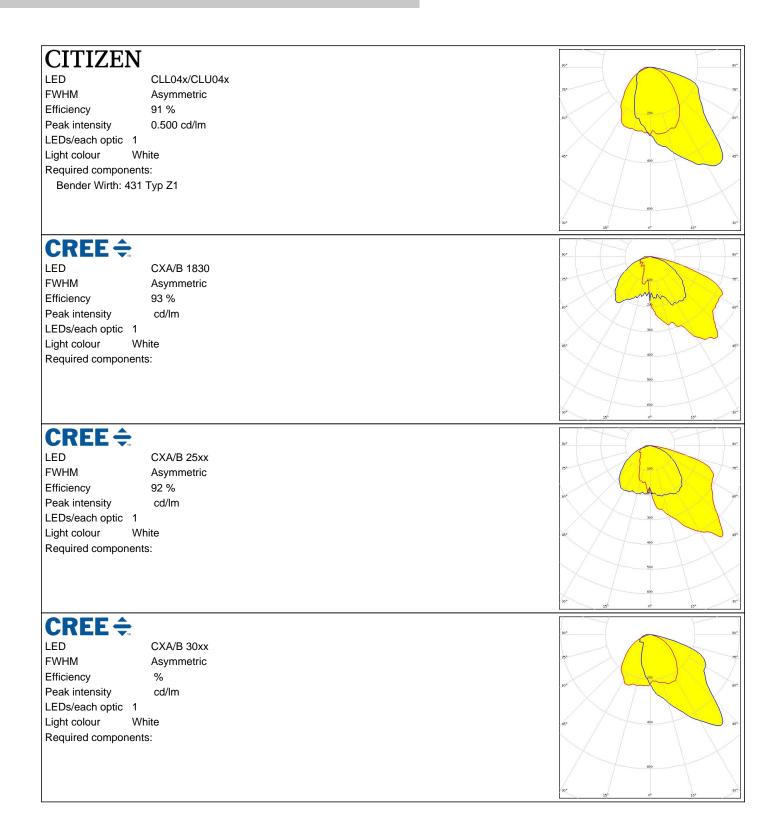


PHOTOMETRIC DATA (SIMULATED):

bridgetux. LED V10 Gen7 FWHM Asymmetric Efficiency 94 % Peak intensity 0.510 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 486 Typ L1	
LED V13 Gen7 FWHM Asymmetric Efficiency 95 % Peak intensity 0.495 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 477 Typ Z1	
bridgetux. LED VERO18 FWHM Asymmetric Efficiency 91 % Peak intensity cd/lm LEDs/each optic 1 Light colour White Required components: 1	
CLL03x/CLU03x FWHM Asymmetric Efficiency 93 % Peak intensity cd/lm LEDs/each optic 1 Light colour White Required components:	



PHOTOMETRIC DATA (SIMULATED):



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PHOTOMETRIC DATA (SIMULATED):

	US	90°
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componen Bender Wirth: 431	/hite ts:	
PHILIPS LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W Required componer	Fortimo SLM L23 + SLM holder (PI) Asymmetric 92 % 0.490 cd/lm /hite	



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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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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LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/

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