

PRODUCT DATASHEET FN15187_STELLA-T4

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. Variant with white frame.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 90.0 mm
Height	26.9 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

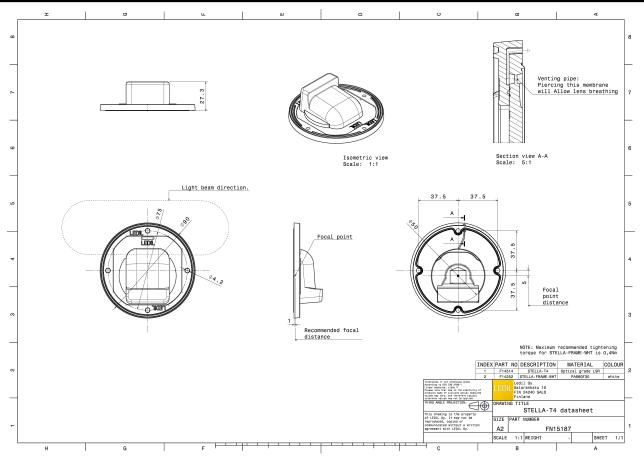
Component	Туре	Material	Colour	Finish
STELLA-T4	Single lens	Silicone	clear	
STELLA-FRAME-WHT	Holder	PA66	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FN15187_STELLA-T4	Single lens	135	135	15	7.1
» Box size: 480 x 280 x 300 mm					



PRODUCT DATASHEET FN15187_STELLA-T4



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



bridgelux.		90 ⁴ 90 ⁴
LED	V22 Gen7	75*
FWHM / FWTM	Asymmetric	100-
Efficiency	90 %	60% 60%
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	ee.
Required compone	IIS.	400
		540
		30° 13 ⁵ 0° 25° 30°
		99*
LED	CXA/B 1816 & CXA/B 1820 & CXA 1850	
FWHM / FWTM	Asymmetric	75* 100 75*
Efficiency	92 %	
Peak intensity	0.5 cd/lm	60° 20 60°
LEDs/each optic	1	
Light colour	White	-6°
Required compone	nts:	440
		200
		30* 00 12* 30*
	EDS	
LED	LUXEON CoB 1208	
FWHM / FWTM	Asymmetric	
Efficiency	93 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
🤭 LUMIL	EDS	
LED	LUXEON CoB 1211	
FWHM / FWTM	Asymmetric	
Efficiency	92 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
L		



LED	CxM-14 (19x19)	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

LED	CxM-18 (21.5x21.5)	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

ØNICHIA

LED	COB J-Type	
FWHM / FWTM	Asymmetric	
Efficiency	93 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

OSRAM

LED	Sole	
FWHM / FWTM	Asyı	
Efficiency	93 %	
Peak intensity	0.5 (
LEDs/each optic	1	
Light colour	Whit	
Required components:		

eriq S13 mmetric % cd/lm te



OSRAM Opto Semiconductors

LED	Sole
FWHM / FWTM	Asyı
Efficiency	93 %
Peak intensity	0.5
LEDs/each optic	1
Light colour	Whi
Required components:	

conductors	
	Soleriq S19
/ FWTM	Asymmetric
ncy	93 %
intensity	0.5 cd/lm
each optic	1
colour	White

SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LC016D / LC019D / LC026D / LC033D Asymmetric 92 % 0.5 cd/lm 1 White	
SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LC040D / LC060D / LC080D Asymmetric 91 % 0.5 cd/lm 1 White	
seoul SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 43		99° 231 40° 40° 50° 40° 50° 60° 60° 60° 60° 60° 60° 60° 6



	seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Bender Wirth: 43		
--	-------------------------------------------------------------------------------------------------------------------------------------------------------	--	--



PHOTOMETRIC DATA (SIMULATED):

bridgelux.		30*	
LED	V10 Gen7		~
FWHM / FWTM	Asymmetric	750	780
Efficiency	94 %		
Peak intensity	94 % 0.5 cd/lm	501	60*
			\sim
LEDs/each optic	1		
Light colour	White	45* 400	45*
Required components: Bender Wirth: 486 Typ L1			L-K
Bender Wirth: 486 Ty		50	TX
		600	t
		30° 15° 0°	30*
bridgelux.		av*	
LED	V13 Gen7		90*
FWHM / FWTM	Asymmetric	750 100	700
Efficiency	96 %	$X \times X$	
Peak intensity	0.5 cd/lm	604	60*
LEDs/each optic	1	X X 30	
Light colour	White	\times \times / $ $	
Required components:	wine	400	607
Bender Wirth: 477 Ty	n 71		+ 1
			1 X
		600	$- + \lambda$
1			
		30* <u>15</u> ² <u>9</u> ⁰	30°
bridgoluy		30* <u>15</u> <u>2%</u>	-15° - 30°
bridgelux.		90°	10* 30* 50*
LED	V18 Gen7	50° 50°	<u>15</u> 30 ⁴
LED FWHM / FWTM	Asymmetric	99*	
LED FWHM / FWTM Efficiency	Asymmetric 94 %	99*	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.5 cd/lm	99*	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.5 cd/lm 1	99*	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm	99*	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.5 cd/lm 1	99*	-13" 30"
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1	99*	-15" 30"
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1	99*	30 ⁻ 90 ⁻ 90 ⁻ 90 ⁻ 60 ⁻ 60 ⁻
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1	99*	20 ⁻ 97 61 61 61 61 61 61 61 61 61 61 61 61 61
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 94 % 0.5 cd/lm 1	99*	20 10 10 10 10 10 10 10 10 10 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 94 % 0.5 cd/lm 1 White	99*	30 ⁻ 50 ⁻ 50 ⁻ 50 ⁻ 50 ⁻ 60 ⁻ 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: bridgelux. LED	Asymmetric 94 % 0.5 cd/lm 1 White V22 Gen7	99*	30 ⁻ 90 ⁻
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: bridgelux. LED FWHM / FWTM	Asymmetric 94 % 0.5 cd/lm 1 White V22 Gen7 Asymmetric	99*	30 ⁻ 50 ⁻ 50 ⁻ 50 ⁻ 50 ⁻ 60 ⁻ 60 ⁻ 60 ⁻ 60 ⁻ 60 ⁻ 60 ⁻ 60 ⁻ 60 ⁻ 70 ⁻ 70 ⁻ 60 ⁻ 60 ⁻ 60 ⁻ 60 ⁻ 70 ⁻ 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: bridgelux. LED FWHM / FWTM Efficiency	Asymmetric 94 % 0.5 cd/lm 1 White V22 Gen7 Asymmetric 94 %	99*	30 ⁻ 50 ⁻ 50 ⁻ 50 ⁻ 60 ⁻ 60 ⁻ 50 ⁻ 60 ⁻ 50 ⁻ 60 ⁻ 50 ⁻ 60 ⁻ 50 ⁻ 60 ⁻ 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: bridgelux. LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 94 % 0.5 cd/lm 1 White V22 Gen7 Asymmetric 94 % 0.5 cd/lm	99*	20 10 10 10 10 10 10 10 10 10 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 94 % 0.5 cd/lm 1 White V22 Gen7 Asymmetric 94 % 0.5 cd/lm 1	99*	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White V22 Gen7 Asymmetric 94 % 0.5 cd/lm	99*	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 94 % 0.5 cd/lm 1 White V22 Gen7 Asymmetric 94 % 0.5 cd/lm 1 White	99*	13 30 ⁻ 97 97 007 07 07 07 07 07 07 07 07
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 94 % 0.5 cd/lm 1 White V22 Gen7 Asymmetric 94 % 0.5 cd/lm 1 White	99*	30 ⁻¹⁵ 97 97 97 97 97 97 97 97 97 97 97 97 97
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 94 % 0.5 cd/lm 1 White V22 Gen7 Asymmetric 94 % 0.5 cd/lm 1 White	99*	20" 21"



PHOTOMETRIC DATA (SIMULATED):

LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	VERO18 Asymmetric 91 % 1 White	
CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 433 Ty	CLL03x/CLU03x Asymmetric 94 % 0.5 cd/lm 1 White p Z1	
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	CLL03x/CLU03x Asymmetric 93 % 1 White	
CITIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CLL04x/CLU04x Asymmetric 93 % 0.5 cd/lm 1 White	9° 9° 72° 60° 60° 60° 60° 60° 60° 60° 60° 60° 60



PHOTOMETRIC DATA (SIMULATED):

CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CLL05x/CLU05x Asymmetric 90 % 0.4 cd/lm 1 White	20° 20° 20° 20° 20° 20° 20° 20° 20° 60° 60° 60° 60° 60° 60°
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	CXA/B 1830 Asymmetric 93 % 1 White	
CREES LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CXA/B 25xx Asymmetric 92 % 0.5 cd/m 1 White	200 200 200 200 200 200 200 200
CREE LED	CXA/B 30xx Asymmetric % 1 White	



PRODUCT DATASHEET FN15187_STELLA-T4

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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd. # 405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

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

Shipping locations

Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/

where_to_buy

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for LED Lighting Lenses Assemblies category:

Click to view products by Ledil manufacturer:

Other Similar products are found below :

FCN12592_LE1-D-COP_CA16129_OLGA-W_CA16370_HB-SQ-W_FN15972_RONDA-ZT45-C_CS15759_HB-2X2MX-8-W CA16435_LXP2-SS-WAS_CN16210_GABRIELLA-MIDI-W_CP17137_CARMEN-M2-C_CA16015_STRADA-SQ-SCL_CP17594_TINA-SC-RS_CS15767_HB-2X2MX-8-M_CP10960_RGBX-SS_CP12395_LXP3-W_CP12939_LARISA-RS-CLIP16_C14636_XTM-PF-ADAPTER CA11819_STRADA-SQ-T-DW_CA14508_G2-LXP2-D_CA14601_VERONICA-SQ-MINI-RS_FCP13895_SEANNA-A_CP12943_LARISA-O-CLIP16_FP11124_LISA2-O-PIN_CS14597_HB-IP-2X6-O_CP14995_FLORENTINA-HLD-O_CS15158_STRADA-IP-2X6-T4-B CS16323_STRADELLA-IP-28-HB-M_FN14976_STELLA-DWC2_FN15264_STELLA-HB-WWW_CA15584_ZORYA-MINI-TAPE FA15229_ROSE-MRK-S_FA15232_ROSE-MRK-M_FA15233_ROSE-MRK-W_FCN13552_CRYSTAL-RS_FN15552_RONDA-W FS15626_FLORENCE-3R-IP-Z90_FS15786_FLORENCE-3R-IP-Z60_FS15847_FLORENCE-3R-IP-O_CA14505_G2-LXP2-RS2-P FCN12775_IRIS-O_CP15304_LARISA-RS-PIN_FN15679_RONDA-S_CA15519_VERONICA-SQ-MINI-D_FP14414_LISA2-O-PIN LL01CR-DF60L06-M2_FN15993_RONDA-O_FN15977_RONDA-WAS2_CA14366_FLARE-MAXI-TAPE_CA14442_VERONICA-SQ-W CA14509_G2-LXP2-M-P_CA15231_VERONICA-SQ-MINI-W_FP11002_LISA2-W-PIN