

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.

SPECIFICATION:

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

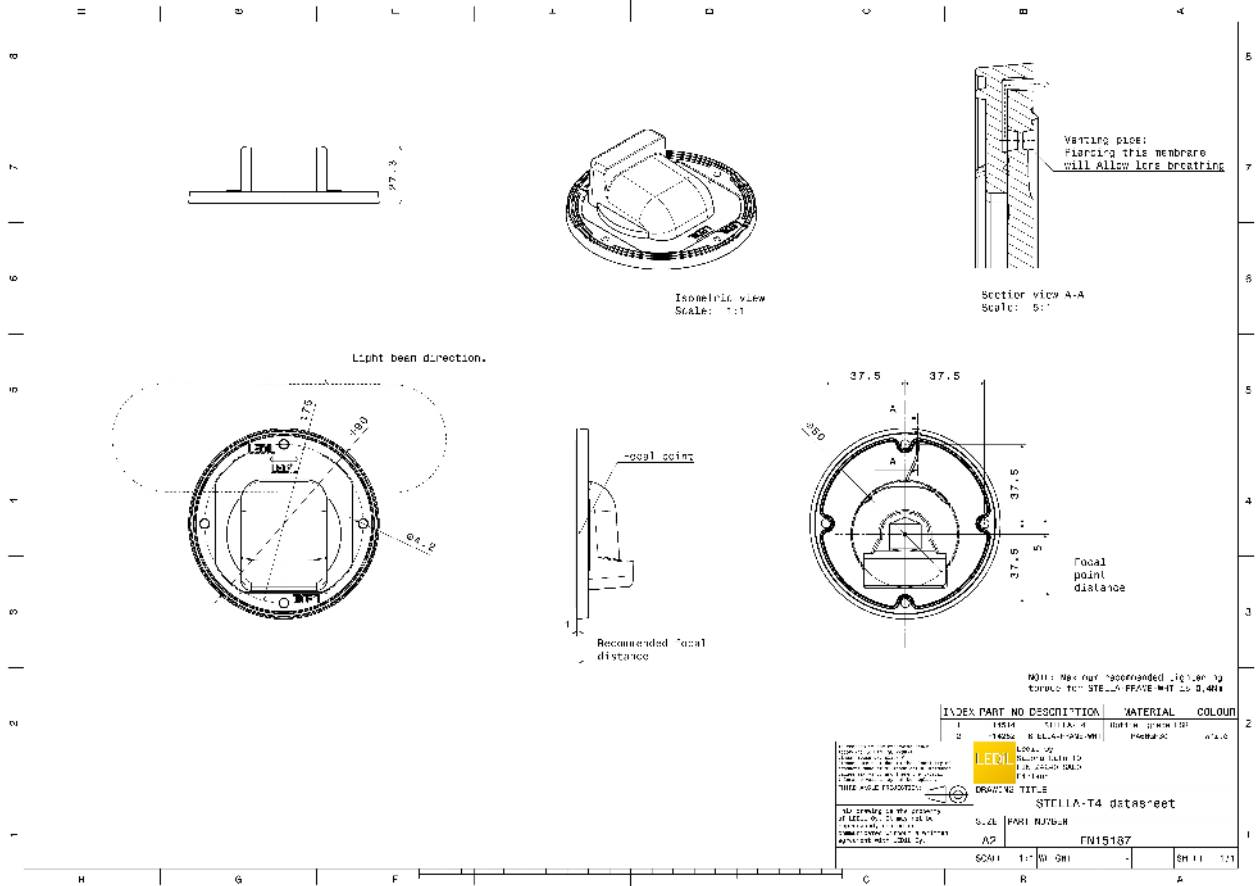


MATERIALS:

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


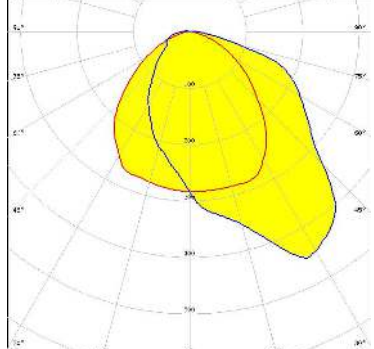

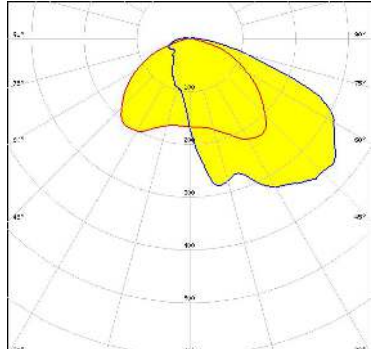


ORDERING INFORMATION:

Component	Type	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					



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

OPTICAL RESULTS (MEASURED):

<p> LED V22 Gen7</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 90 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> LED CXA/B 1816 & CXA/B 1820 & CXA 1850</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> LED LUXEON CoB 1208</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> LED LUXEON CoB 1211</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (MEASURED):



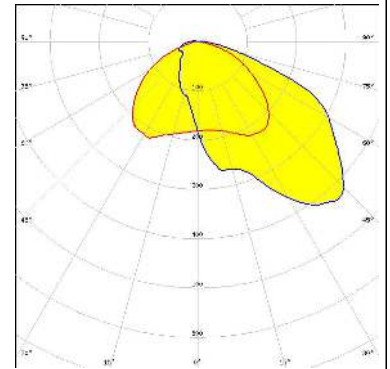
LED CxM-14 (19x19)
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:

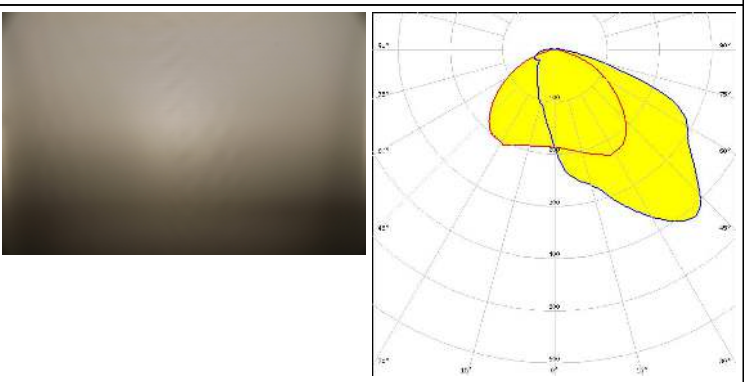
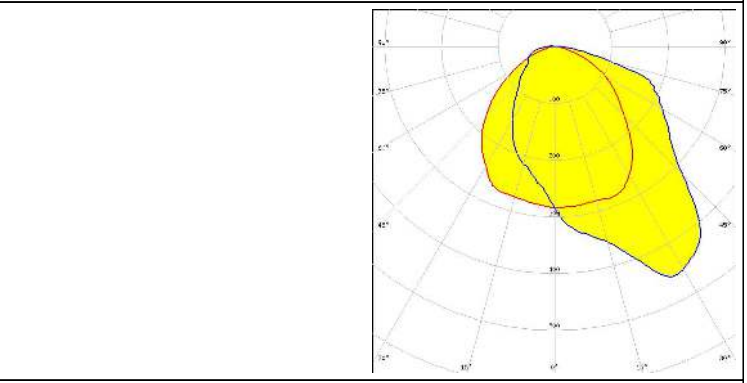
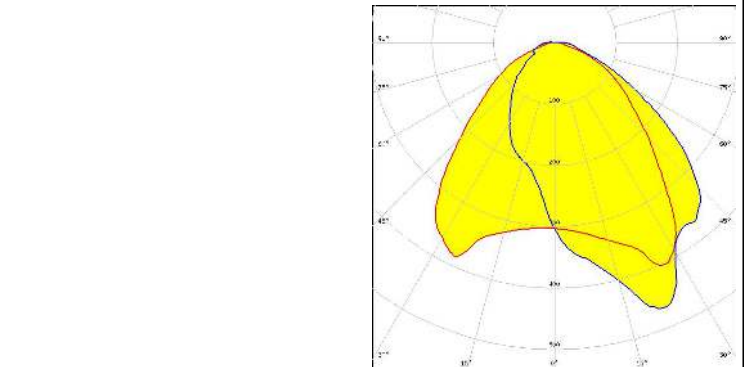


LED COB J-Type
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

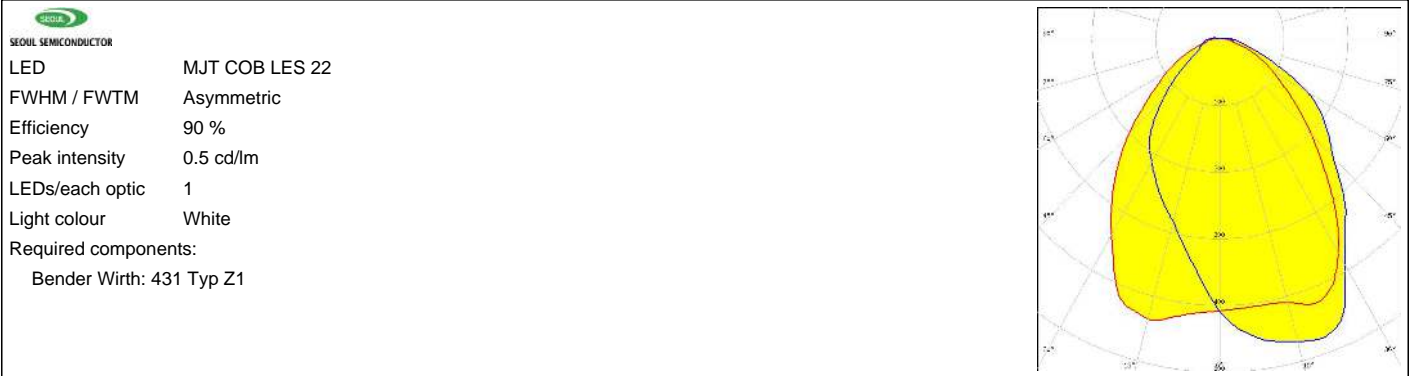


Opto Semiconductors
LED Soleriq S13
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:


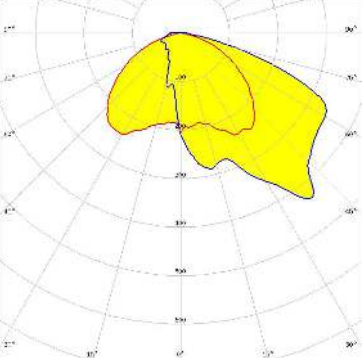

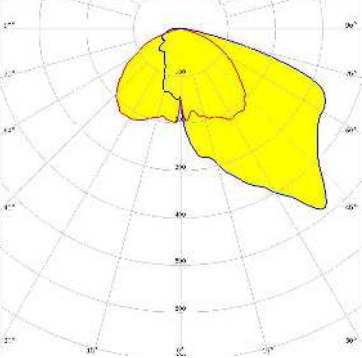

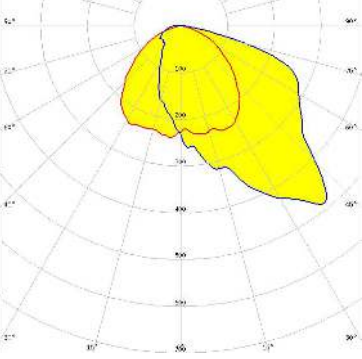

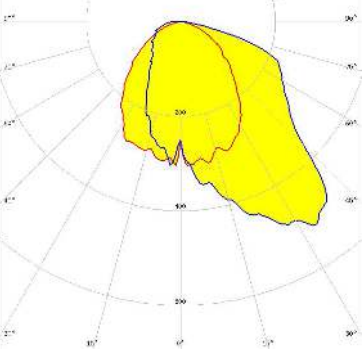
OPTICAL RESULTS (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED Soleriq S19</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>SAMSUNG</p> <p>LED LC016D / LC019D / LC026D / LC033D</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>SAMSUNG</p> <p>LED LC040D / LC060D / LC080D</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 91 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>SEOL SEMICONDUCTOR</p> <p>LED MJT COB LES 14.5</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 91 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 433 Typ Z1</p>	

OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED V10 Gen7 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 486 Typ L1</p>	
<p></p> <p>LED V13 Gen7 FWHM / FWTM Asymmetric Efficiency 96 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 477 Typ Z1</p>	
<p></p> <p>LED V18 Gen7 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p></p> <p>LED V22 Gen7 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 431 Typ Z1</p>	

OPTICAL RESULTS (SIMULATED):

bridgelux.

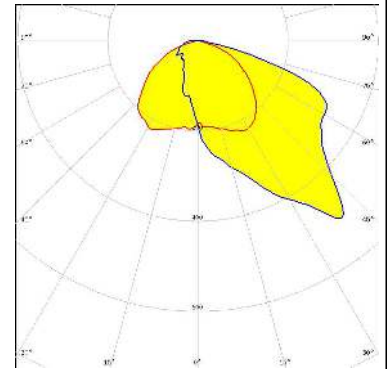
LED	VERO18
FWHM / FWTM	Asymmetric
Efficiency	91 %
LEDs/each optic	1
Light colour	White
Required components:	

CITIZEN

LED	CLL03x/CLU03x
FWHM / FWTM	Asymmetric
Efficiency	93 %
LEDs/each optic	1
Light colour	White
Required components:	

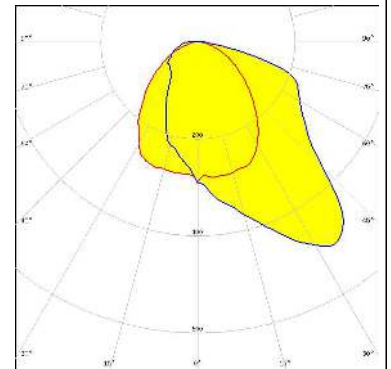
CITIZEN

LED	CLL03x/CLU03x
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	Bender Wirth: 433 Typ Z1



CITIZEN

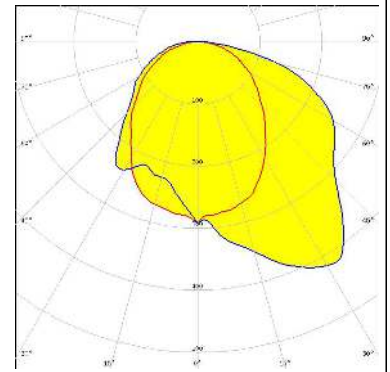
LED	CLL04x/CLU04x
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

CITIZEN

LED CLL05x/CLU05x
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

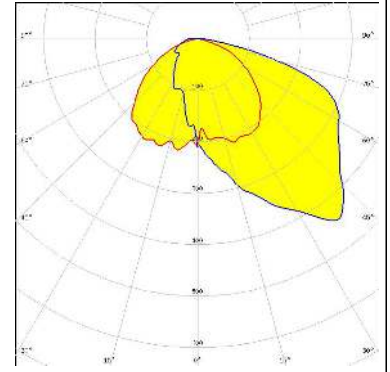


CREE ⇄ LED

LED CXA/B 1830
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 LEDs/each optic 1
 Light colour White
 Required components:

CREE ⇄ LED

LED CXA/B 25xx
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE ⇄ LED

LED CXA/B 30xx
 FWHM / FWTM Asymmetric
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:

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.

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