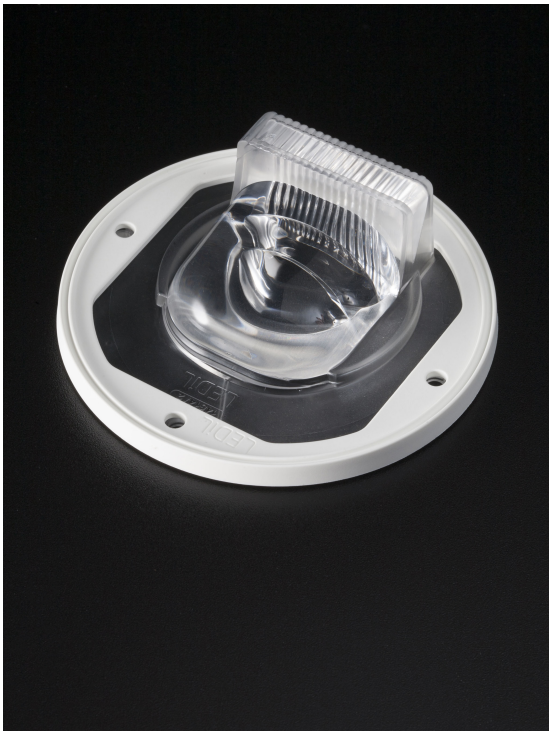
STELLA-T4

IESNA Type IV for wider roads and area lighting like car parks and gardens. White version. Compatible with up to 30 mm LES size COBs.

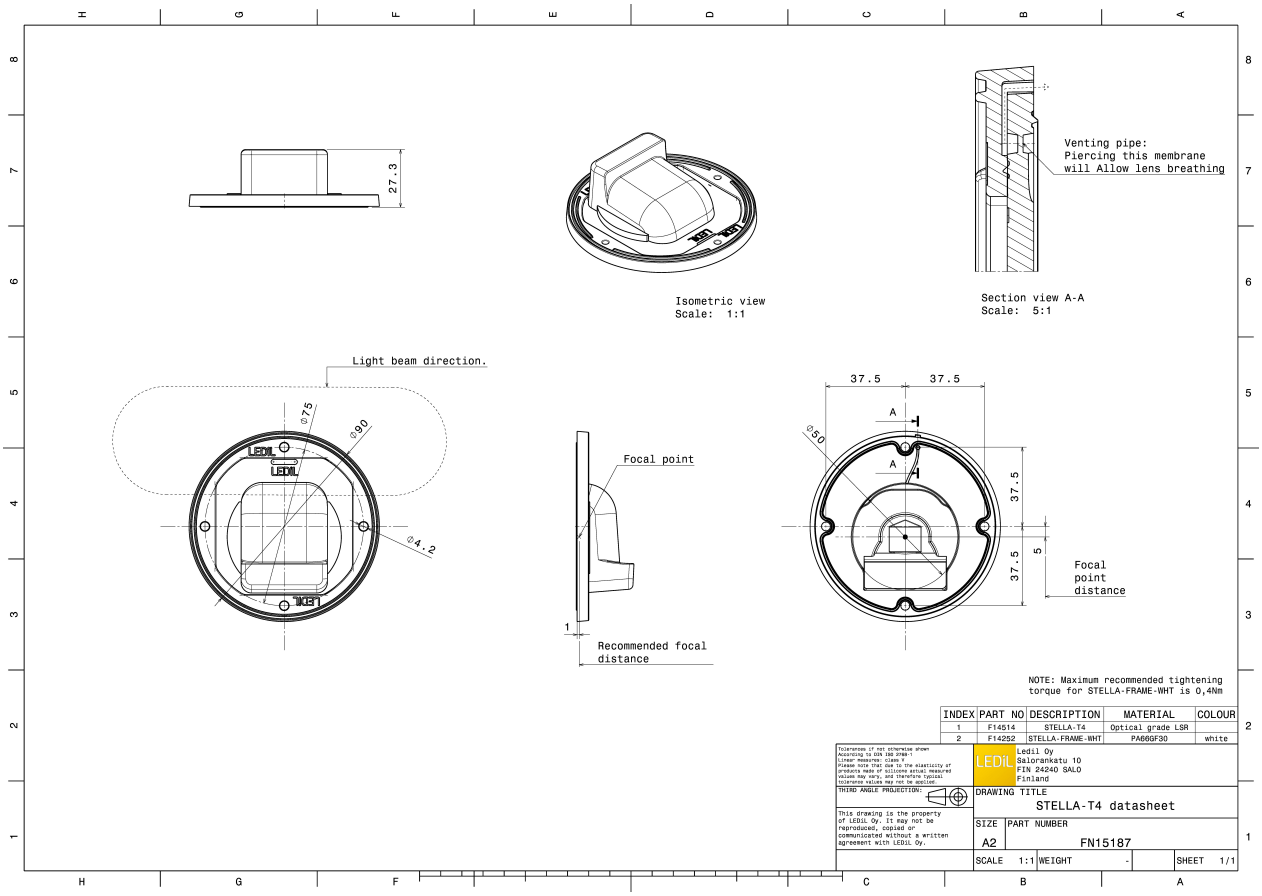


TECHNICAL SPECIFICATIONS:

Dimensions	Ø 90 mm
Height	26.9 mm
Fastening	screw
Colour	white
Box size	480 x 280 x 300 mm
Box weight	7.1 kg
Quantity in Box	135 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STELLA-T4	Lens	Silicone	clear
STELLA-FRAME-WHT	Holder	PA66	white



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F14514	STELLA-T4	Optical grade LSR	
2	F14252	STELLA-FRAME-WHT	PA66GF30	white

Tolerances if not otherwise shown
According to ISO 2768-1
Dimensions in millimeters
Please note that due to the elasticity of products made of silicone actual measured values may vary, and therefore typical tolerance values may not be applied

THIRD ANGLE PROJECTION:

LEDiL
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
STELLA-T4 datasheet

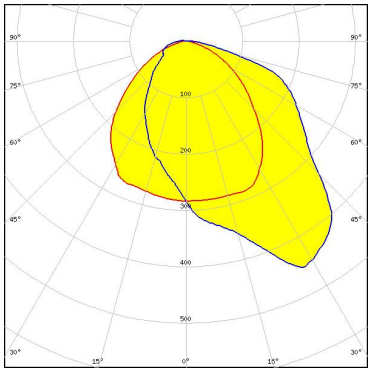
SIZE	PART NUMBER
A2	FN15187

SCALE 1:1 | WEIGHT - | SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

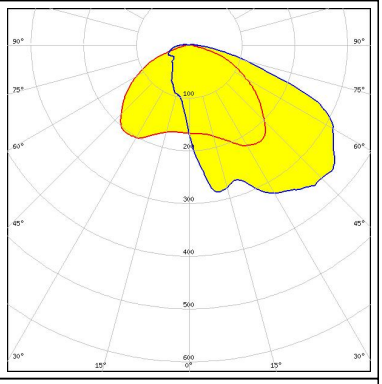
bridgelux

LED	V22 Gen7
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.470 cd/lm
Required components:	



CREE

LED	CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.480 cd/lm
Required components:	



LUMILEDS

LED	LUXEON CoB 1208
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.500 cd/lm
Required components:	

LUMILEDS

LED	LUXEON CoB 1211
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.500 cd/lm
Required components:	

PHOTOMETRIC DATA (MEASURED):

LUMINUS

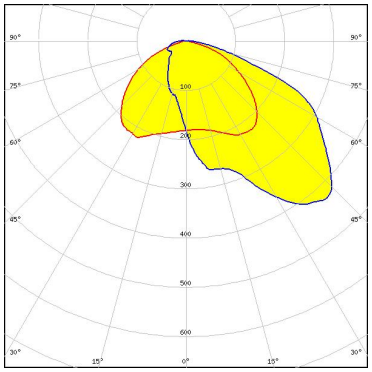
LED	CXM-14
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.500 cd/lm
Required components:	

LUMINUS

LED	CXM-18
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.500 cd/lm
Required components:	

NICHIA

LED	COB J-Type
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.480 cd/lm
Required components:	



OSRAM
Opto Semiconductors

LED	Soleriq P13
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.490 cd/lm
Required components:	

PHOTOMETRIC DATA (MEASURED):

OSRAM Opto Semiconductors

LED	Soleriq P9
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.710 cd/lm
Required components:	

OSRAM Opto Semiconductors

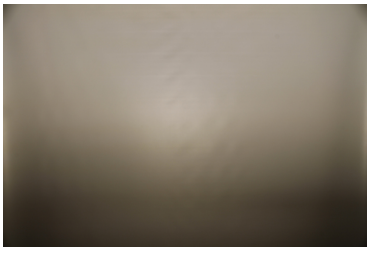
LED	Soleriq S13
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.530 cd/lm
Required components:	

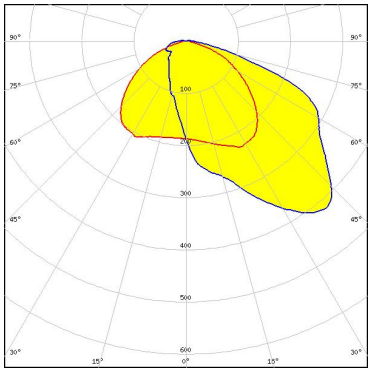
OSRAM Opto Semiconductors

LED	Soleriq S19
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.490 cd/lm
Required components:	

SAMSUNG

LED	COB D Series LES 14.5 mm
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.470 cd/lm
Required components:	

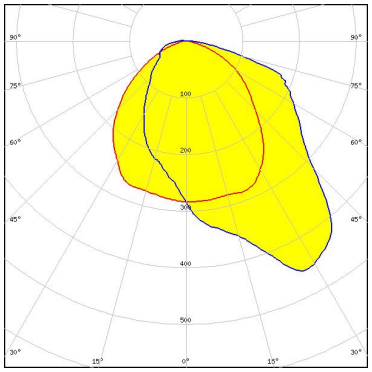




PHOTOMETRIC DATA (MEASURED):

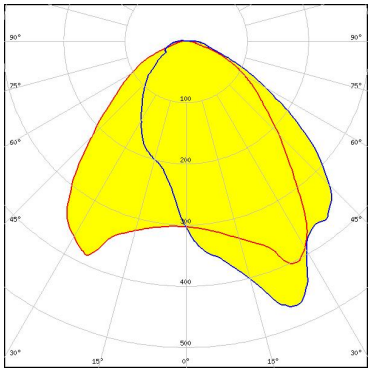
SAMSUNG

LED	COB D Series LES 22 mm
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.500 cd/lm
Required components:	



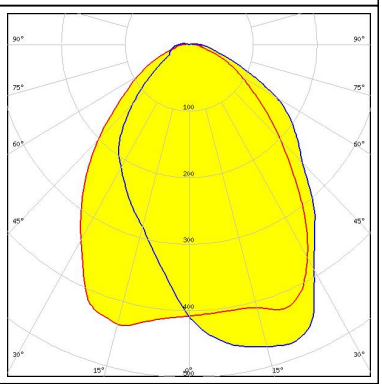
SEOUL SEMICONDUCTOR

LED	MJT COB LES 14.5
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.600 cd/lm
Required components:	
Bender Wirth: 433 Typ Z1	



SEOUL SEMICONDUCTOR

LED	MJT COB LES 22
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.480 cd/lm
Required components:	
Bender Wirth: 431 Typ Z1	



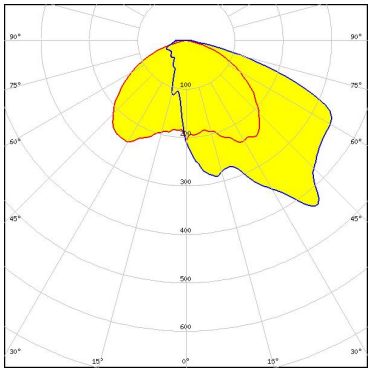
PHOTOMETRIC DATA (SIMULATED):

bridgelux

LED	V10 Gen7
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.510 cd/lm

Required components:

Bender Wirth: 434 Typ Z1

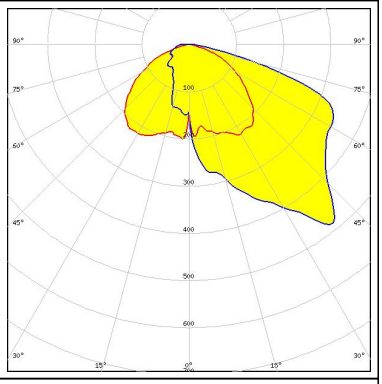


bridgelux

LED	V13 Gen7
FWHM	Asymmetric
Efficiency	96 %
Peak intensity	0.500 cd/lm

Required components:

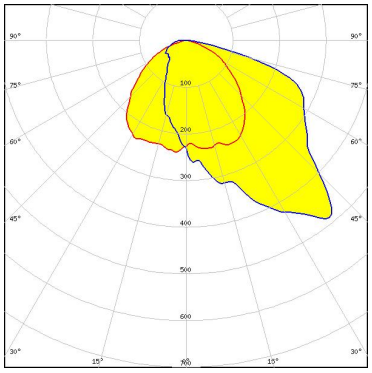
Bender Wirth: 477 Typ Z1



bridgelux

LED	V18 Gen7
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.510 cd/lm

Required components:

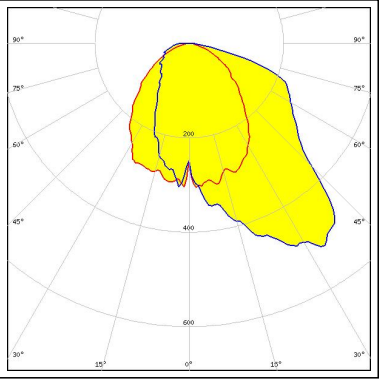


bridgelux

LED	V22 Gen7
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.516 cd/lm

Required components:

Bender Wirth: 431 Typ Z1



PHOTOMETRIC DATA (SIMULATED):

bridgelux

LED	VERO18
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	cd/lm

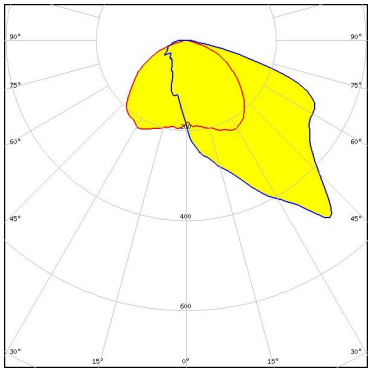
Required components:

CITIZEN

LED	CLL03x/CLU03x
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.520 cd/lm

Required components:

Bender Wirth: 433 Typ Z1



CITIZEN

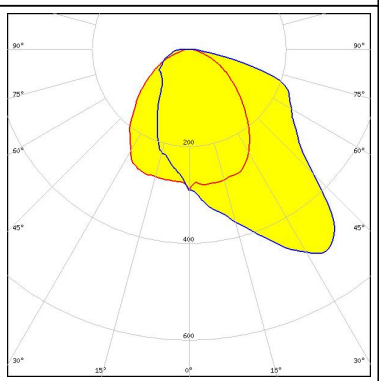
LED	CLL03x/CLU03x
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	cd/lm

Required components:

CITIZEN

LED	CLL04x/CLU04x
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.500 cd/lm

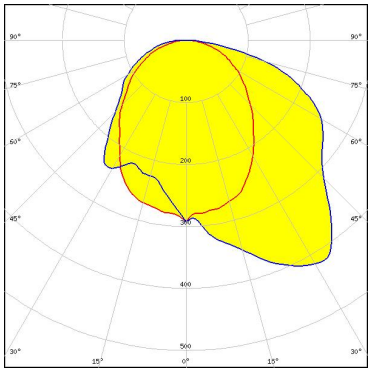
Required components:



PHOTOMETRIC DATA (SIMULATED):

CITIZEN

LED	CLL05x/CLU05x
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.419 cd/lm
Required components:	

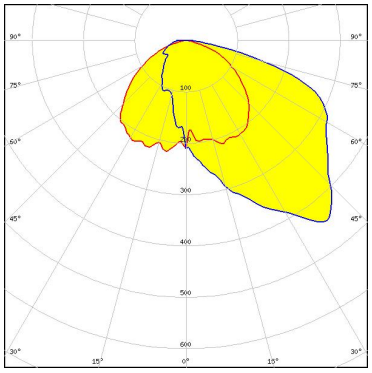


CREE

LED	CXA/B 1830
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	cd/lm
Required components:	

CREE

LED	CXA/B 25xx
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.450 cd/lm
Required components:	



CREE

LED	CXA/B 30xx
FWHM	Asymmetric
Efficiency	%
Peak intensity	cd/lm
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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