Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

STELLA-A

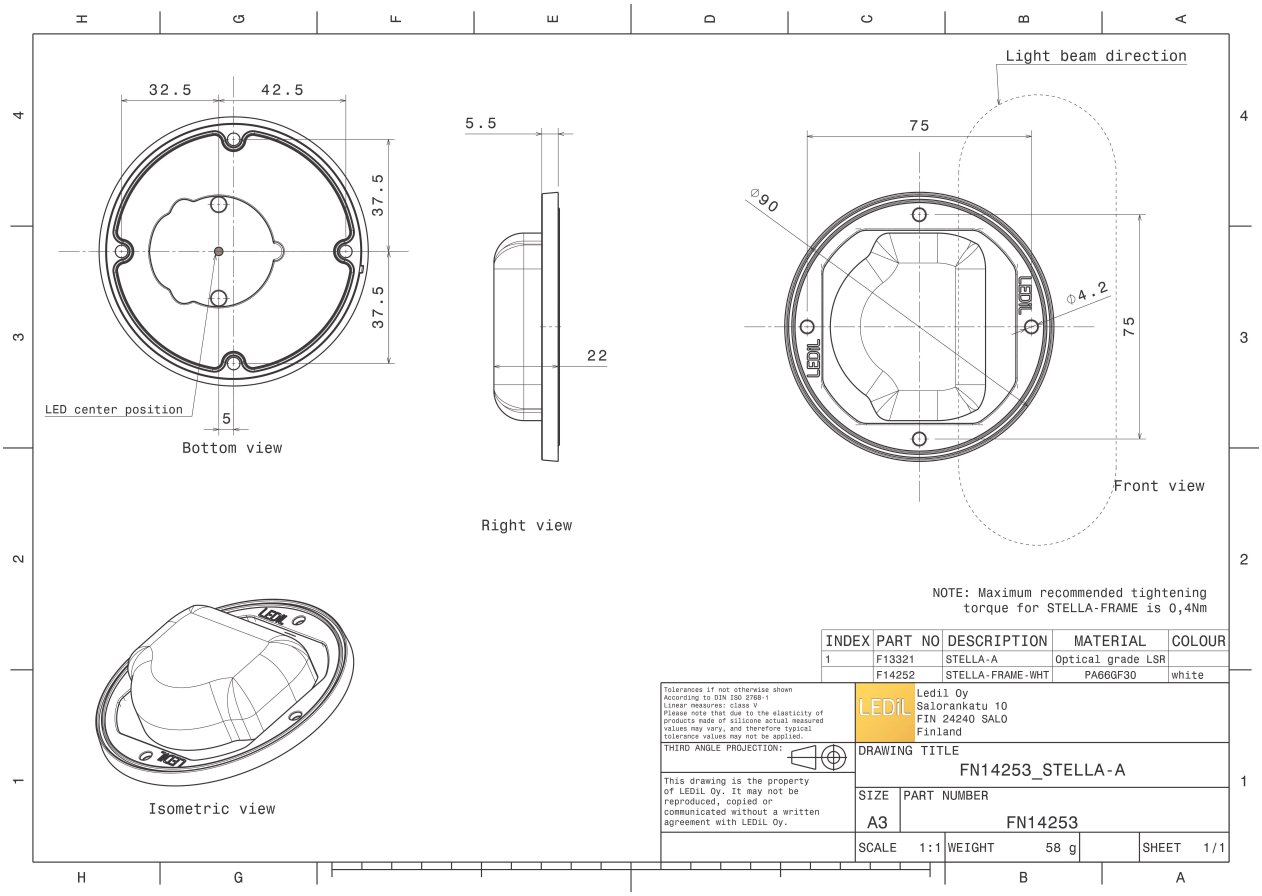
Type II and III beam for street lighting. White version. Compatible with up to 30 mm LES size COBs.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 90.0 mm
Height	22 mm
Fastening	screw
Colour	white
Box size	480 x 280 x 300 mm
Box weight	0 kg
Quantity in Box	100 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

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



NOTE: Maximum recommended tightening torque for STELLA-FRAME is 0,4Nm

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F13321	STELLA-A	Optical grade LSR	
	F14252	STELLA-FRAME-WHT	PA66GF30	white

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures: class V
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:

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Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
FN14253_STELLA-A

SIZE A3 | PART NUMBER FN14253

SCALE 1:1 | WEIGHT 58 g | SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

bridgelux

LED	VERO13
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.660 cd/lm

Required components:

bridgelux

LED	VERO18
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.500 cd/lm

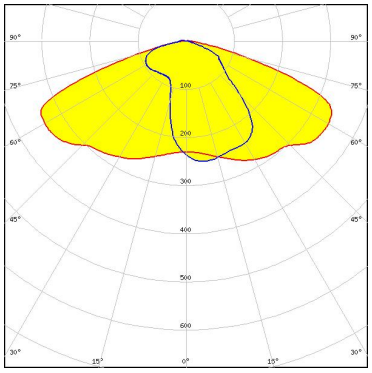
Required components:

CITIZEN

LED	CLL03x/CLU03x
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.580 cd/lm

Required components:

Bender Wirth: 433 Typ L1



CITIZEN

LED	CLL03x/CLU03x
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.616 cd/lm

Required components:

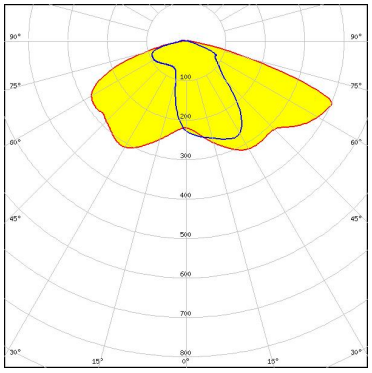
PHOTOMETRIC DATA (MEASURED):

CITIZEN

LED	CLU720/721
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.770 cd/lm

Required components:

Bender Wirth: 433 Typ L1

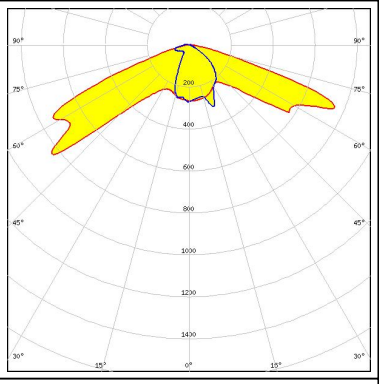


CREE

LED	CXA/B 15xx
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.850 cd/lm

Required components:

Bender Wirth: 441 Typ L1

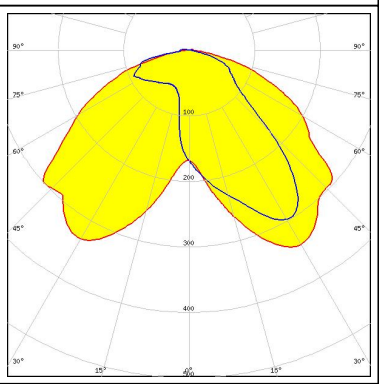


CREE

LED	CXA/B 15xx
FWHM	Asymmetric
Efficiency	89 %
Peak intensity	1.000 cd/lm

Required components:

C14305_STELLA-CLAMP-CXA15-18



CREE

LED	CXA/B 15xx
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	1.100 cd/lm

Required components:

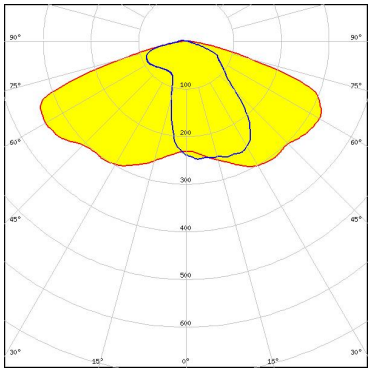
PHOTOMETRIC DATA (MEASURED):

CREE

LED	CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.680 cd/lm

Required components:

Bender Wirth: 437 Typ L1

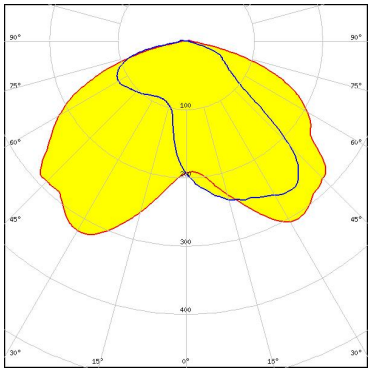


CREE

LED	CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.740 cd/lm

Required components:

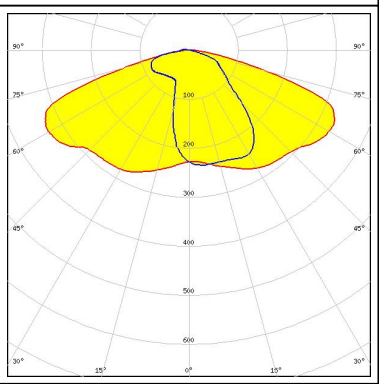
C14305_STELLA-CLAMP-CXA15-18



CREE

LED	CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	0.620 cd/lm

Required components:



CREE

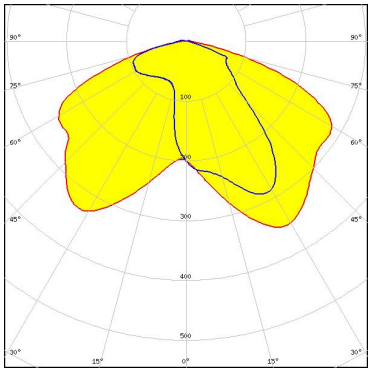
LED	CXA/B 25xx
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.490 cd/lm

Required components:

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON CoB 1202/1203
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.920 cd/lm
Required components:	
Bender Wirth: 438 Typ L1	

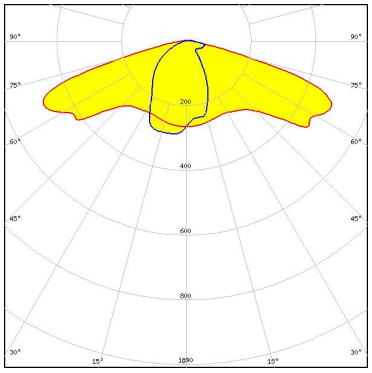


LUMILEDS

LED	LUXEON CoB 1208
FWHM	Asymmetric
Efficiency	%
Peak intensity	0.300 cd/lm
Required components:	

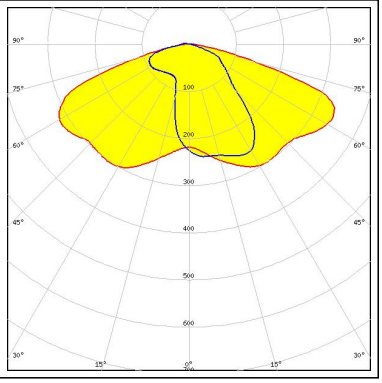
NICHIA

LED	COB J-Type
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	0.500 cd/lm
Required components:	



NICHIA

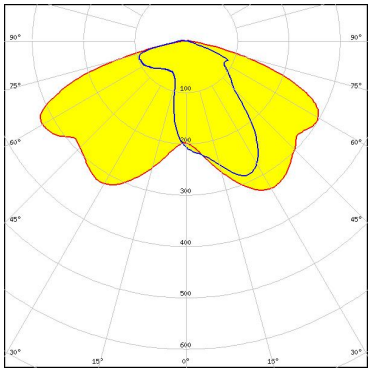
LED	COB L-Type (LES 11)
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.710 cd/lm
Required components:	
Bender Wirth: 438 Typ L1	



PHOTOMETRIC DATA (MEASURED):

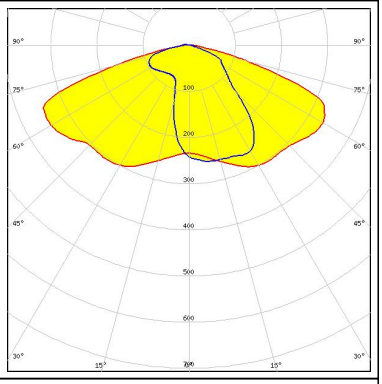
NICHIA

LED	COB L-Type (LES 9)
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.960 cd/lm
Required components:	
Bender Wirth: 438 Typ L1	



OSRAM
Opto Semiconductors

LED	Soleriq S13
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.690 cd/lm
Required components:	
Bender Wirth: 437 Typ L1	



OSRAM
Opto Semiconductors

LED	Soleriq S13
FWHM	Asymmetric
Efficiency	87 %
Peak intensity	0.700 cd/lm
Required components:	

OSRAM
Opto Semiconductors

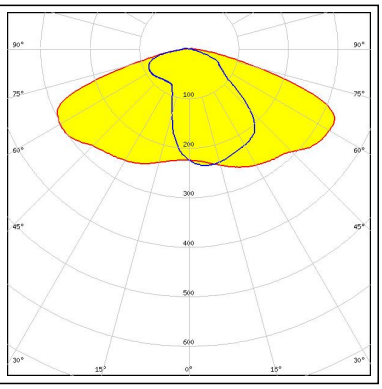
LED	Soleriq S19
FWHM	Asymmetric
Efficiency	%
Peak intensity	cd/lm
Required components:	

PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED	COB D Series LES 14.5 mm
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	0.500 cd/lm

Required components:



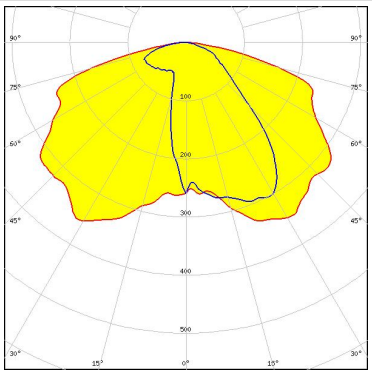
PHOTOMETRIC DATA (SIMULATED):

bridgelux

LED	V10 Gen7
FWHM	Asymmetric
Efficiency	89 %
Peak intensity	0.560 cd/lm

Required components:

Bender Wirth: 434 Typ L1

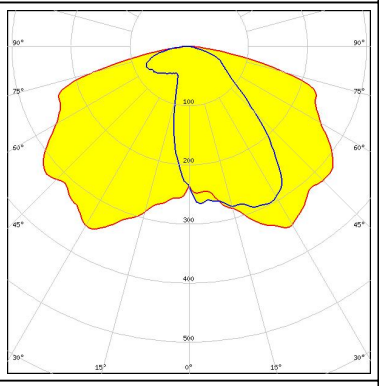


bridgelux

LED	V13 Gen7
FWHM	Asymmetric
Efficiency	89 %
Peak intensity	0.555 cd/lm

Required components:

Bender Wirth: 477 Typ L1



bridgelux

LED	V18 Gen7
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	0.380 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:

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