

STELLA-A

Type II and III beam for street lighting. White version. Compatible with up to 23 mm LES size COBs.

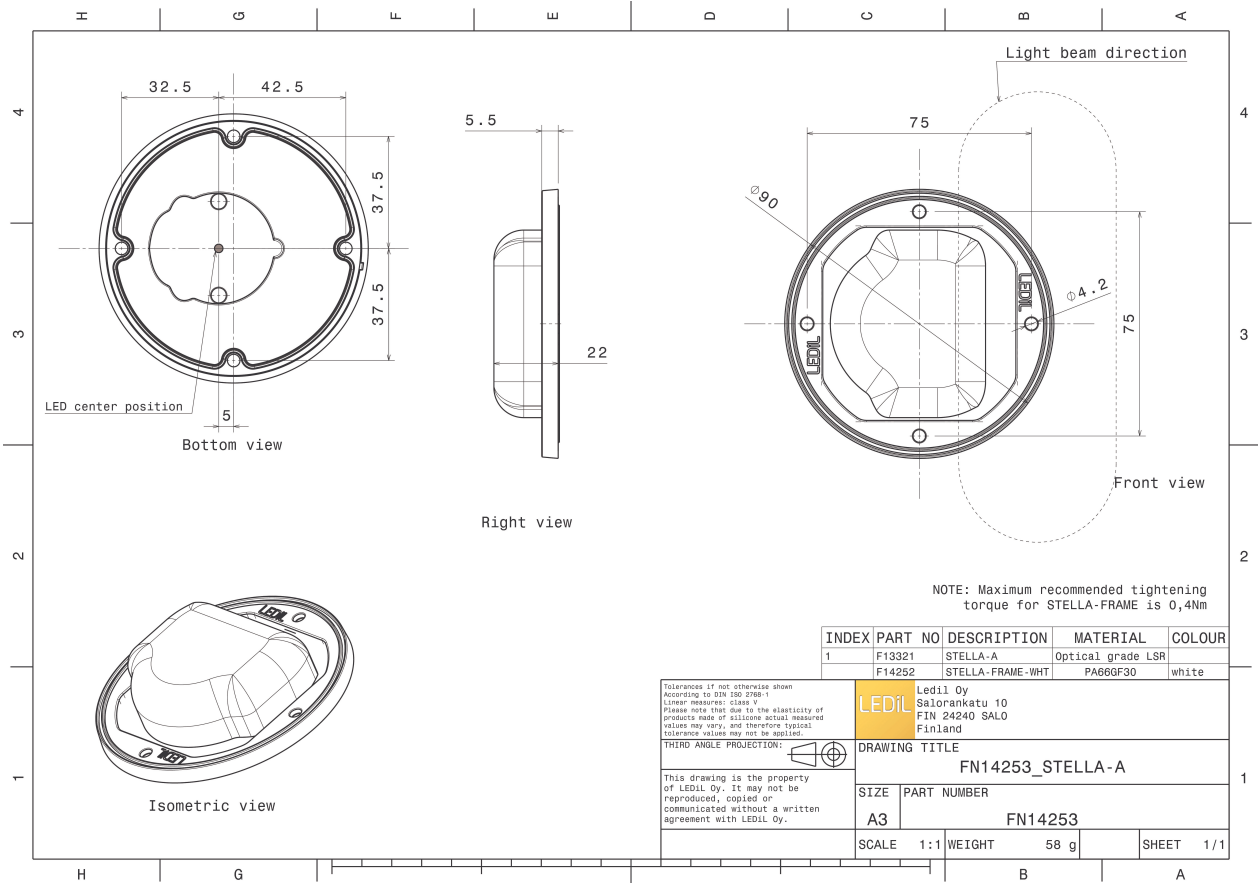
TECHNICAL SPECIFICATIONS:

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:

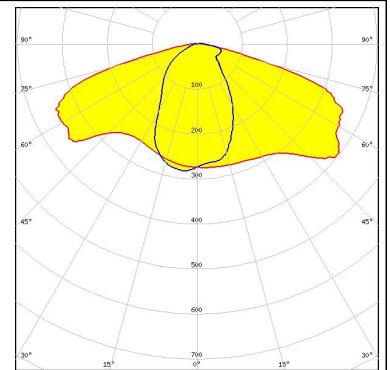
Component	Type	Material	Colour
STELLA-A	Single lens	Silicone	clear
STELLA-FRAME-WHT	Holder	PA66	white



PHOTOMETRIC DATA (MEASURED):

bridgelux.

LED V18 Gen7
FWHM Asymmetric
Efficiency 81 %
Peak intensity 0.340 cd/lm
LEDs/each optic 1
Light colour White
Required components:



bridgelux.

LED VERO13
FWHM Asymmetric
Efficiency 92 %
Peak intensity 0.660 cd/lm
LEDs/each optic 1
Light colour White
Required components:

bridgelux.

LED VERO18
FWHM Asymmetric
Efficiency 92 %
Peak intensity 0.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:

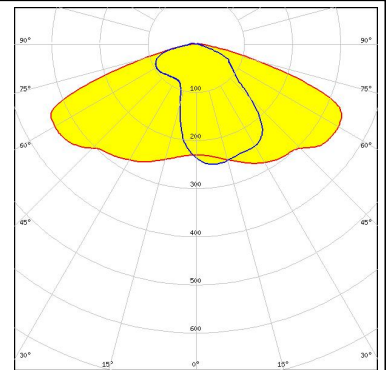
CITIZEN

LED CLL03x/CLU03x
FWHM Asymmetric
Efficiency 92 %
Peak intensity 0.616 cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (MEASURED):

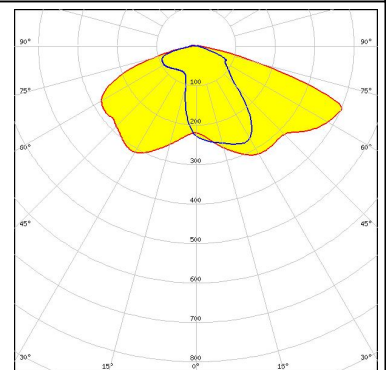
CITIZEN

LED CLL03x/CLU03x
 FWHM Asymmetric
 Efficiency 92 %
 Peak intensity 0.580 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 433 Typ L1



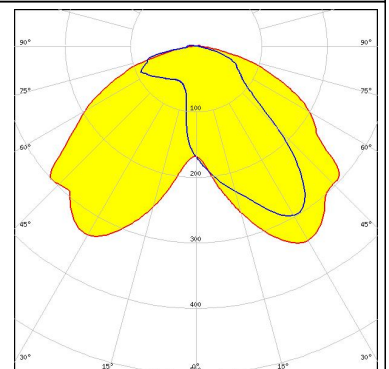
CITIZEN

LED CLU720/721
 FWHM Asymmetric
 Efficiency 93 %
 Peak intensity 0.770 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 433 Typ L1



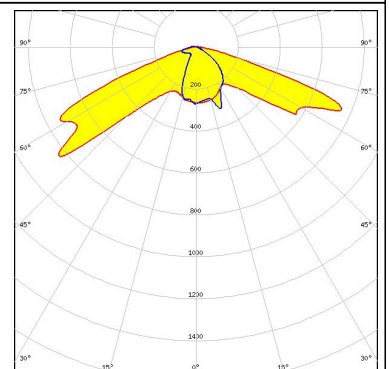
CREE

LED CXA/B 15xx
 FWHM Asymmetric
 Efficiency 89 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14305_STELLA-CLAMP-CXA15-18



CREE

LED CXA/B 15xx
 FWHM Asymmetric
 Efficiency 92 %
 Peak intensity 0.850 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 441 Typ L1



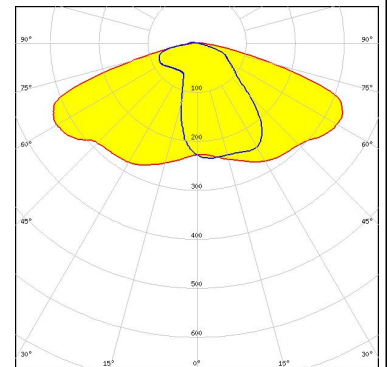
PHOTOMETRIC DATA (MEASURED):

CREE

LED CXA/B 15xx
 FWHM Asymmetric
 Efficiency 92 %
 Peak intensity 1.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

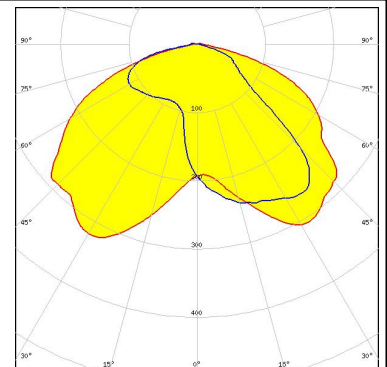
CREE

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM Asymmetric
 Efficiency 88 %
 Peak intensity 0.620 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



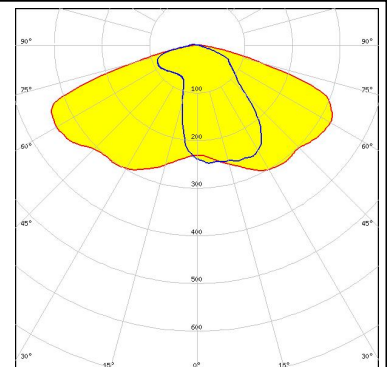
CREE

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM Asymmetric
 Efficiency 92 %
 Peak intensity 0.740 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14305_STELLA-CLAMP-CXA15-18



CREE

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM Asymmetric
 Efficiency 91 %
 Peak intensity 0.680 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 437 Typ L1



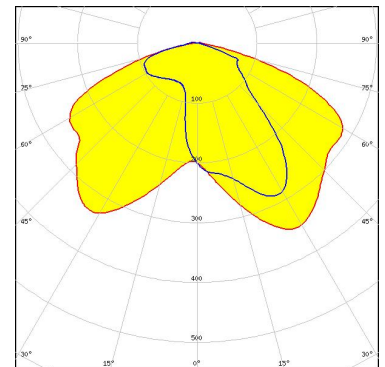
PHOTOMETRIC DATA (MEASURED):

CREE

LED CXA/B 25xx
FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.490 cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON CoB 1202/1203
FWHM Asymmetric
Efficiency 91 %
Peak intensity 0.920 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 438 Typ L1

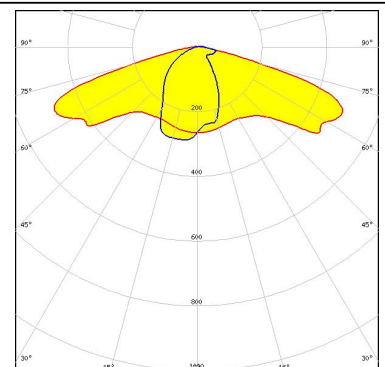


LUMILEDS

LED LUXEON CoB 1208
FWHM Asymmetric
Efficiency %
Peak intensity 0.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:

NICHIA

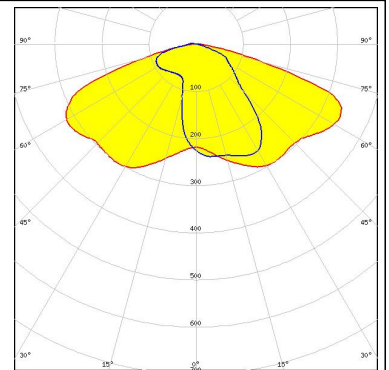
LED COB J-Type
FWHM Asymmetric
Efficiency 88 %
Peak intensity 0.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



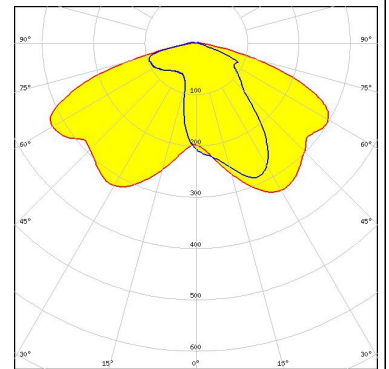
PHOTOMETRIC DATA (MEASURED):



LED COB L-Type (LES 11)
FWHM Asymmetric
Efficiency 91 %
Peak intensity 0.710 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 438 Typ L1



LED COB L-Type (LES 9)
FWHM Asymmetric
Efficiency 92 %
Peak intensity 0.960 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 438 Typ L1



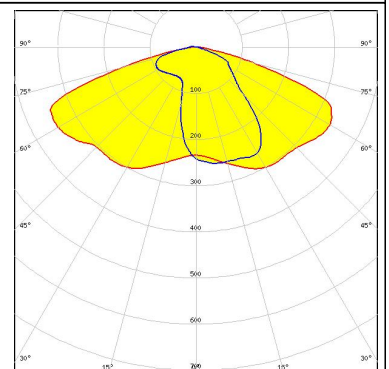
Opto Semiconductors

LED Soleriq S13
FWHM Asymmetric
Efficiency 87 %
Peak intensity 0.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



Opto Semiconductors

LED Soleriq S13
FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.690 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 437 Typ L1



PHOTOMETRIC DATA (MEASURED):

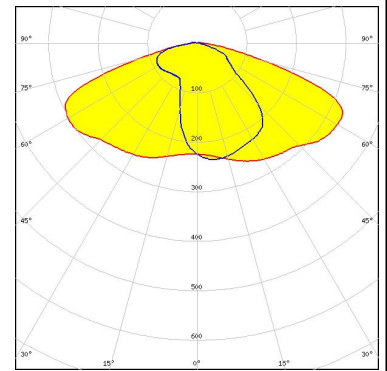
OSRAM

Opto Semiconductors

LED Soleriq S19
FWHM Asymmetric
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

SAMSUNG

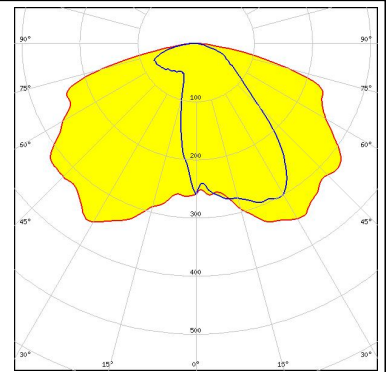
LED COB D Series LES 14.5 mm
FWHM Asymmetric
Efficiency 88 %
Peak intensity 0.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

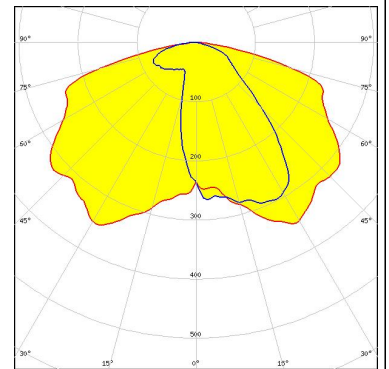
bridgelux.

LED V10 Gen7
FWHM Asymmetric
Efficiency 89 %
Peak intensity 0.560 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 486 Typ L1



bridgelux.

LED V13 Gen7
FWHM Asymmetric
Efficiency 89 %
Peak intensity 0.555 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 477 Typ L1



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:

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