STELLA-DWC2

Universal road lighting (IESNA Type II Medium) beam with excellent mixed illuminance and luminance uniformity. Compatible with up to 23 mm LES size COBs. Variant with black frame..

TECHNICAL SPECIFICATIONS:

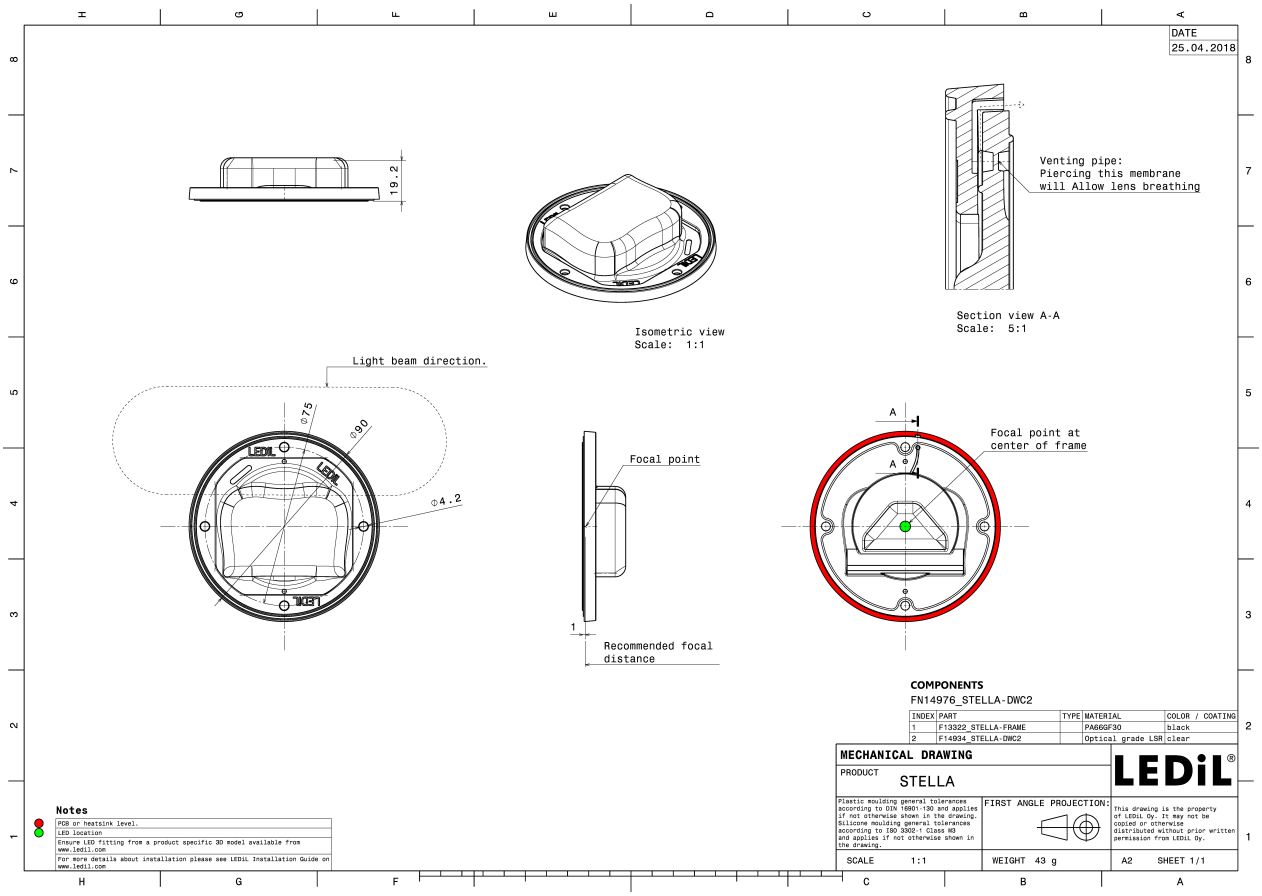
Dimensions	Ø 90.0 mm
Height	19.3 mm
Fastening	screw
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STELLA-DWC2	Single lens	Silicone	clear	
STELLA-FRAME	Holder	PA66	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FN14976_STELLA-DWC2 » Box size: 480 x 280 x 300 mm	Single lens	135	135	15	7.1

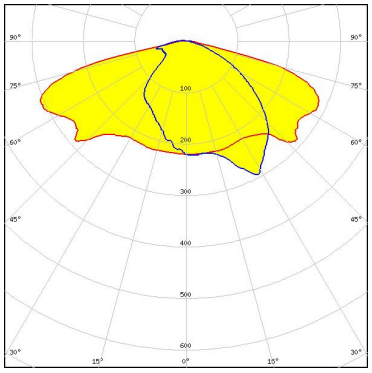


PHOTOMETRIC DATA (MEASURED):

bridgelux

LED	V18 Gen7
FWHM	Asymmetric
Efficiency	89 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

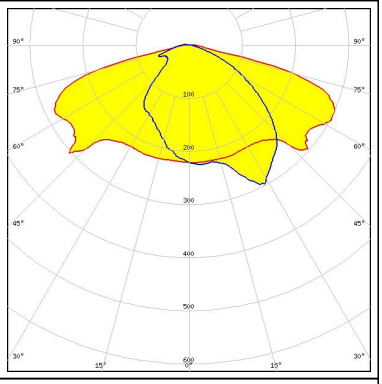


bridgelux

LED	V18 Gen7
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

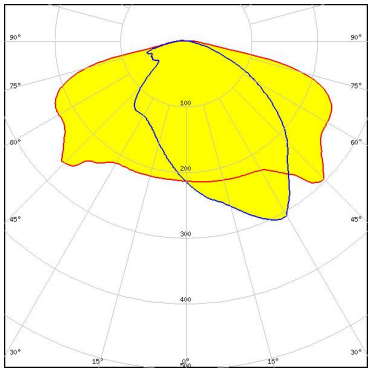
Bender Wirth: 439 Typ L3



bridgelux

LED	V22 Gen7
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

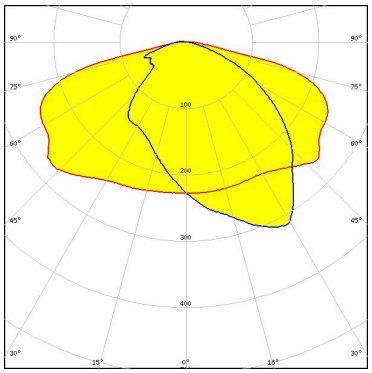


bridgelux

LED	V22 Gen7
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

TE: 2213480-1

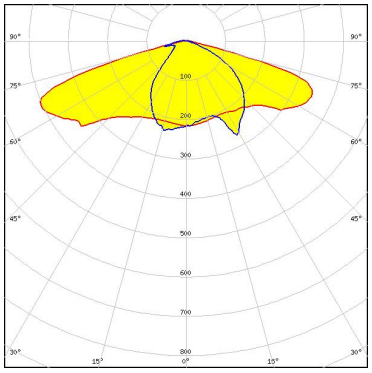


PHOTOMETRIC DATA (MEASURED):

bridgelux

LED	Vero SE 13
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

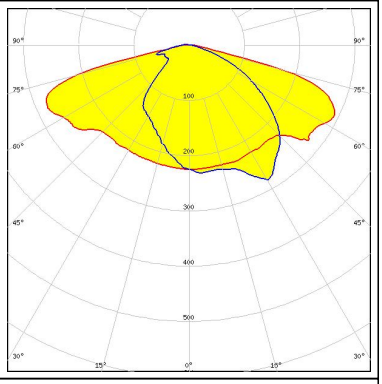
Required components:



bridgelux

LED	Vero SE 18
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

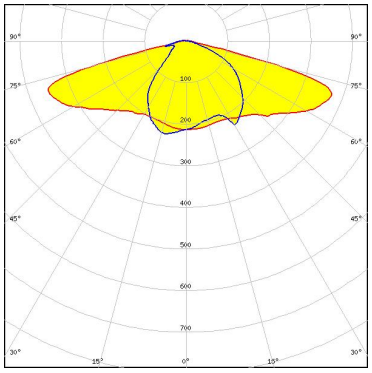
Required components:



bridgelux

LED	VERO13
FWHM	Asymmetric
Efficiency	89 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

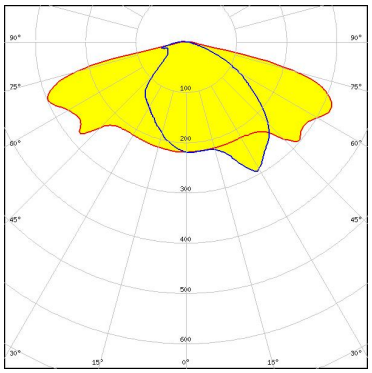
Required components:



bridgelux

LED	VERO18
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

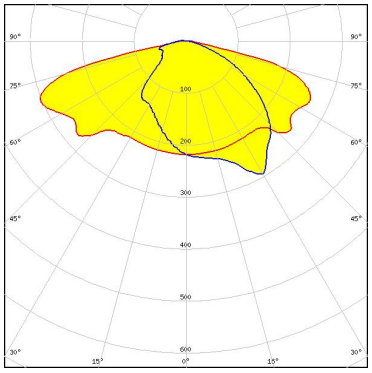


PHOTOMETRIC DATA (MEASURED):

CREE

LED	CMA2550
FWHM	Asymmetric
Efficiency	89 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

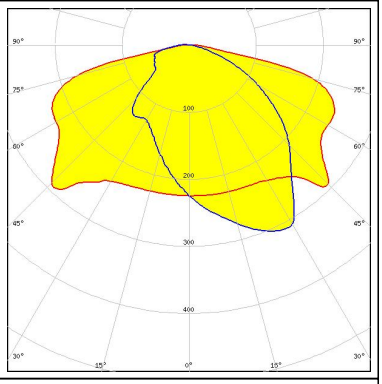
Required components:



CREE

LED	CMA3090
FWHM	Asymmetric
Efficiency	89 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

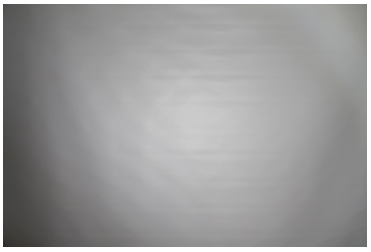


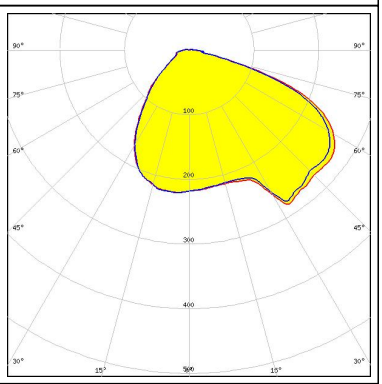
CREE

LED	CMT19xx
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Bender Wirth: 477 Typ Z1

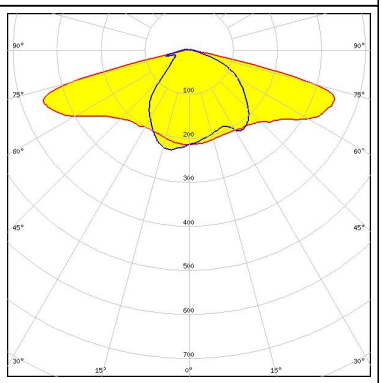




CREE

LED	CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

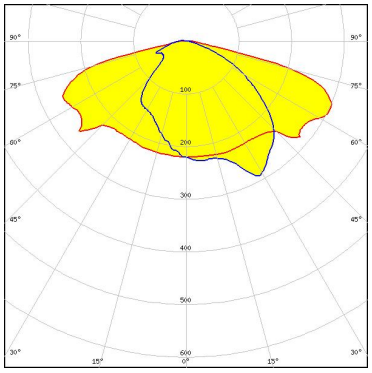


PHOTOMETRIC DATA (MEASURED):

CREE

LED	CXA/B 25xx
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

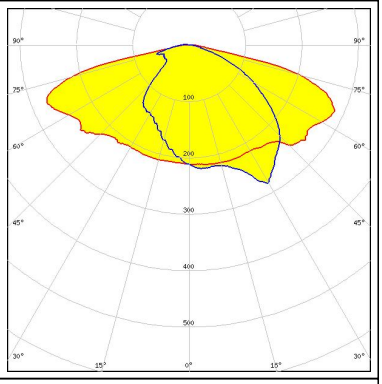
Required components:
Bender Wirth: 439 Typ L3



CREE

LED	CXA/B 25xx
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

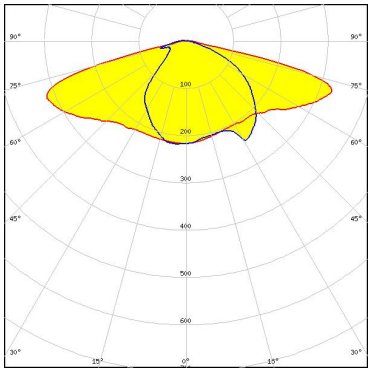
Required components:



NICHIA

LED	COB J-Type
FWHM	Asymmetric
Efficiency	89 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

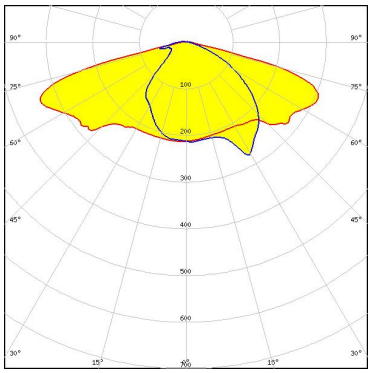
Required components:



OSRAM
Opto Semiconductors

LED	Soleriq S19
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

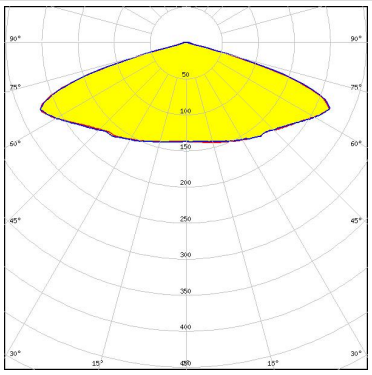


PHOTOMETRIC DATA (MEASURED):

PHILIPS

LED	Fortimo SLM L19 CoB
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

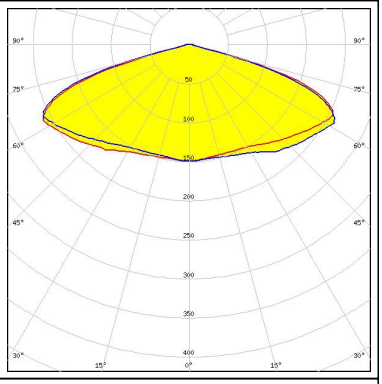
Required components:
Bender Wirth: 431 Typ Z1



PHILIPS

LED	Fortimo SLM L23 CoB
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

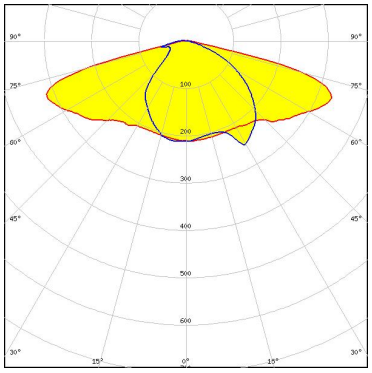
Required components:
Bender Wirth: 431 Typ Z1



SAMSUNG

LED	LC016D / LC019D / LC026D / LC033D
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

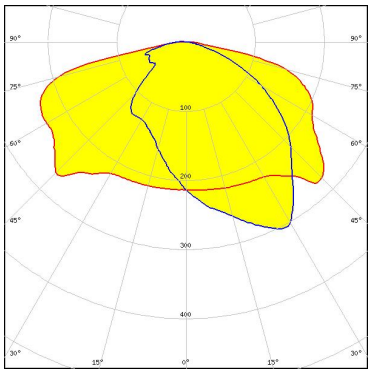
Required components:



SAMSUNG

LED	LC040D / LC060D / LC080D
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

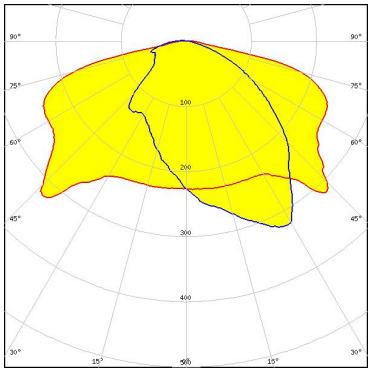


PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED	LC040D / LC060D / LC080D
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

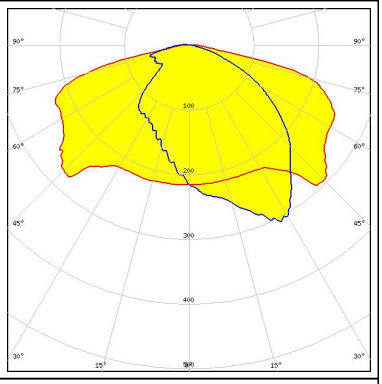
Required components:



SAMSUNG

LED	LC040D / LC060D / LC080D
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

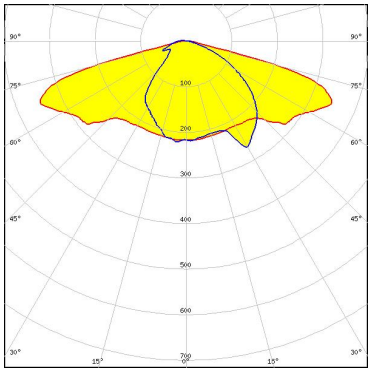


SEOUL SEMICONDUCTOR

LED	MJT COB LES 14.5
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

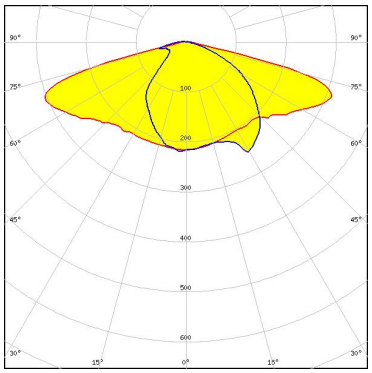
Bender Wirth: 433 Typ Z1



SEOUL SEMICONDUCTOR

LED	MJT COB LES 14.5
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



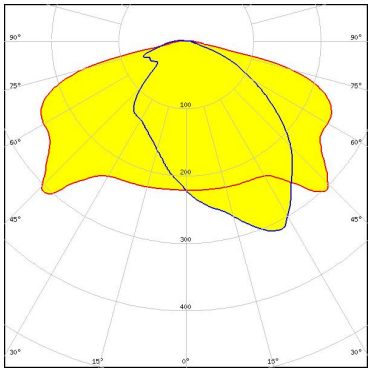
PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

LED	MJT COB LES 22
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Bender Wirth: 431 Typ Z1

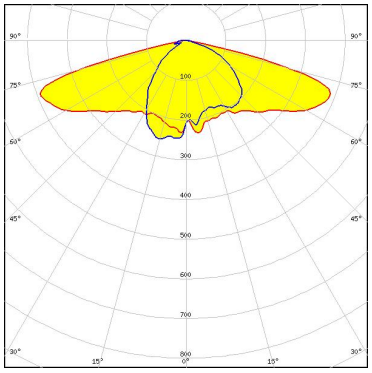


PHOTOMETRIC DATA (SIMULATED):

bridgelux

LED	V10 Gen7
FWHM	Asymmetric
Efficiency	89 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

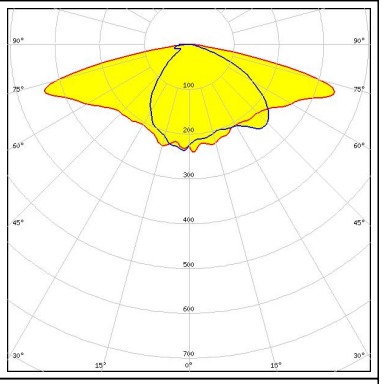
Required components:
Bender Wirth: 486 Typ L1



bridgelux

LED	V13 Gen7
FWHM	Asymmetric
Efficiency	91 %
LEDs/each optic	1
Light colour	White

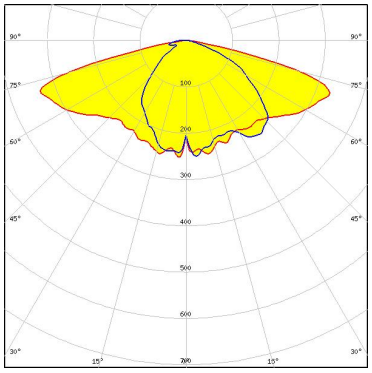
Required components:



bridgelux

LED	V13 Gen7
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	40.5 cd/lm
LEDs/each optic	1
Light colour	White

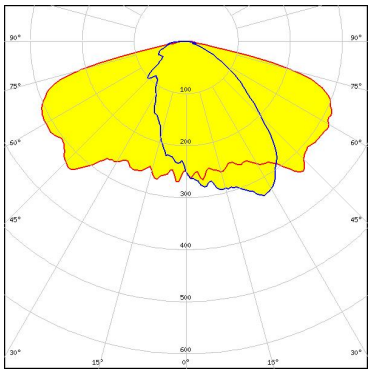
Required components:
Bender Wirth: 477 Typ Z1



bridgelux

LED	V22 Gen7
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
Bender Wirth: 431 Typ Z1



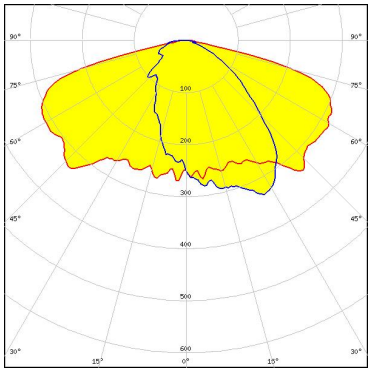
PHOTOMETRIC DATA (SIMULATED):

bridgelux

LED	V22 Gen7
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

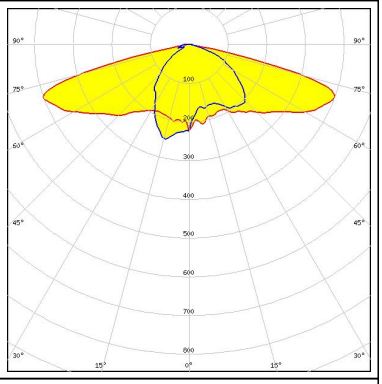
Bender Wirth: 431 Typ Z1



bridgelux

LED	VERO10
FWHM	Asymmetric
Efficiency	89 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

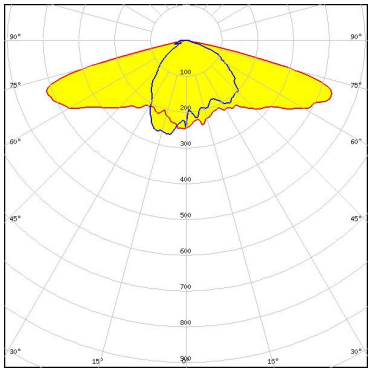
Required components:



CITIZEN

LED	CLL02x/CLU02x (LES10)
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

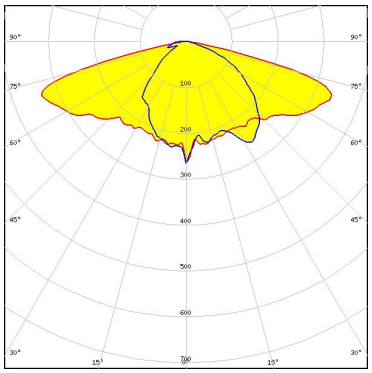
Required components:



CITIZEN

LED	CLL03x/CLU03x
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

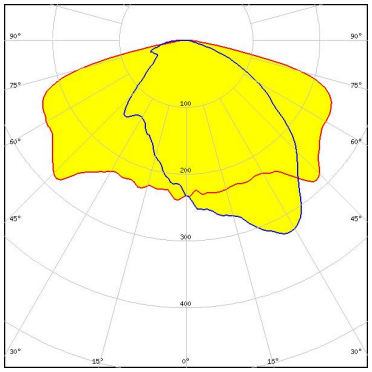
Required components:



PHOTOMETRIC DATA (SIMULATED):

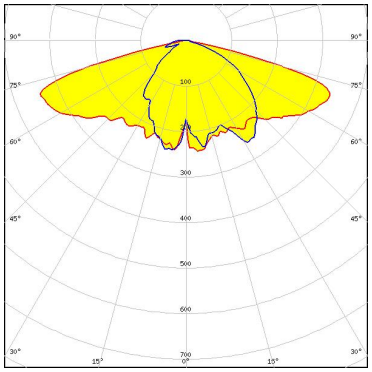
CITIZEN

LED	CLL04x/CLU04x
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
Bender Wirth: 431 Typ Z1	



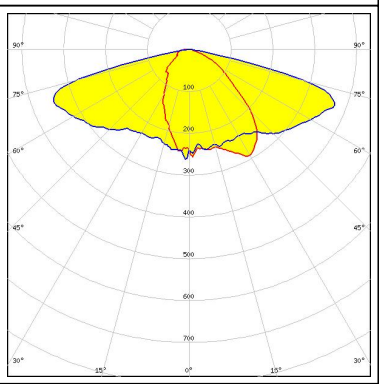
CREE

LED	CXA/B 1830
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



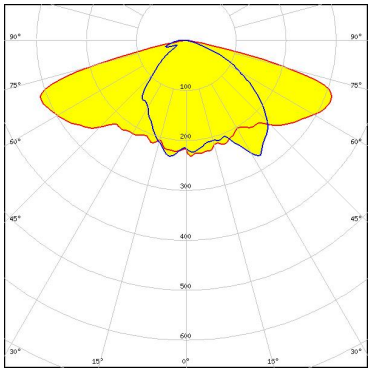
CREE

LED	CXA/B 25xx
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON CoB 1208
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
Bender Wirth: 431 Typ Z1	

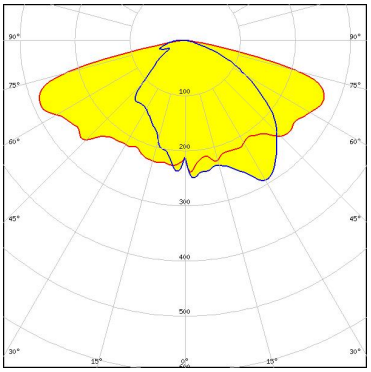


PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED	LUXEON CoB 1211
FWHM	Asymmetric
Efficiency	89 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

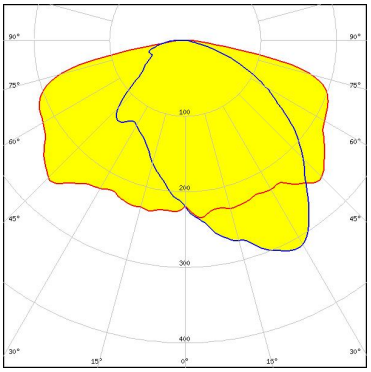
Required components:
Bender Wirth: 431 Typ Z1



LUMILEDS

LED	LUXEON CoB 1216/1812
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

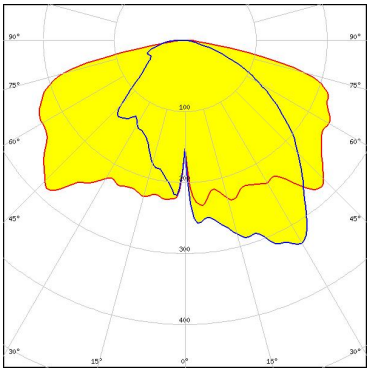
Required components:
Bender Wirth: 431 Typ Z1



LUMINUS

LED	CxM-22 (28x28)
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

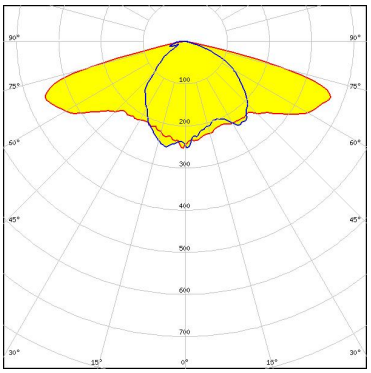
Required components:
Bender Wirth: 431 Typ Z1



OSRAM
Opto Semiconductors

LED	Soleriq S13
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

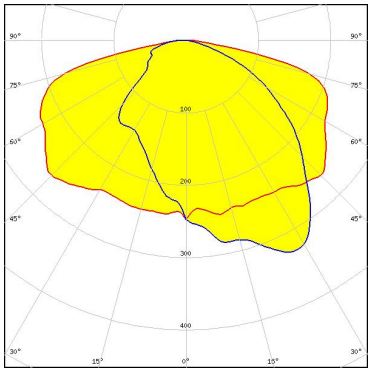
Required components:
Bender Wirth: 477 Typ Z1



PHOTOMETRIC DATA (SIMULATED):

PHILIPS

LED	Fortimo SLM L23 + SLM holder (PI)
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.3 cd/lm
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.

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.

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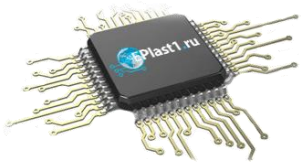
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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