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-HB-WWW

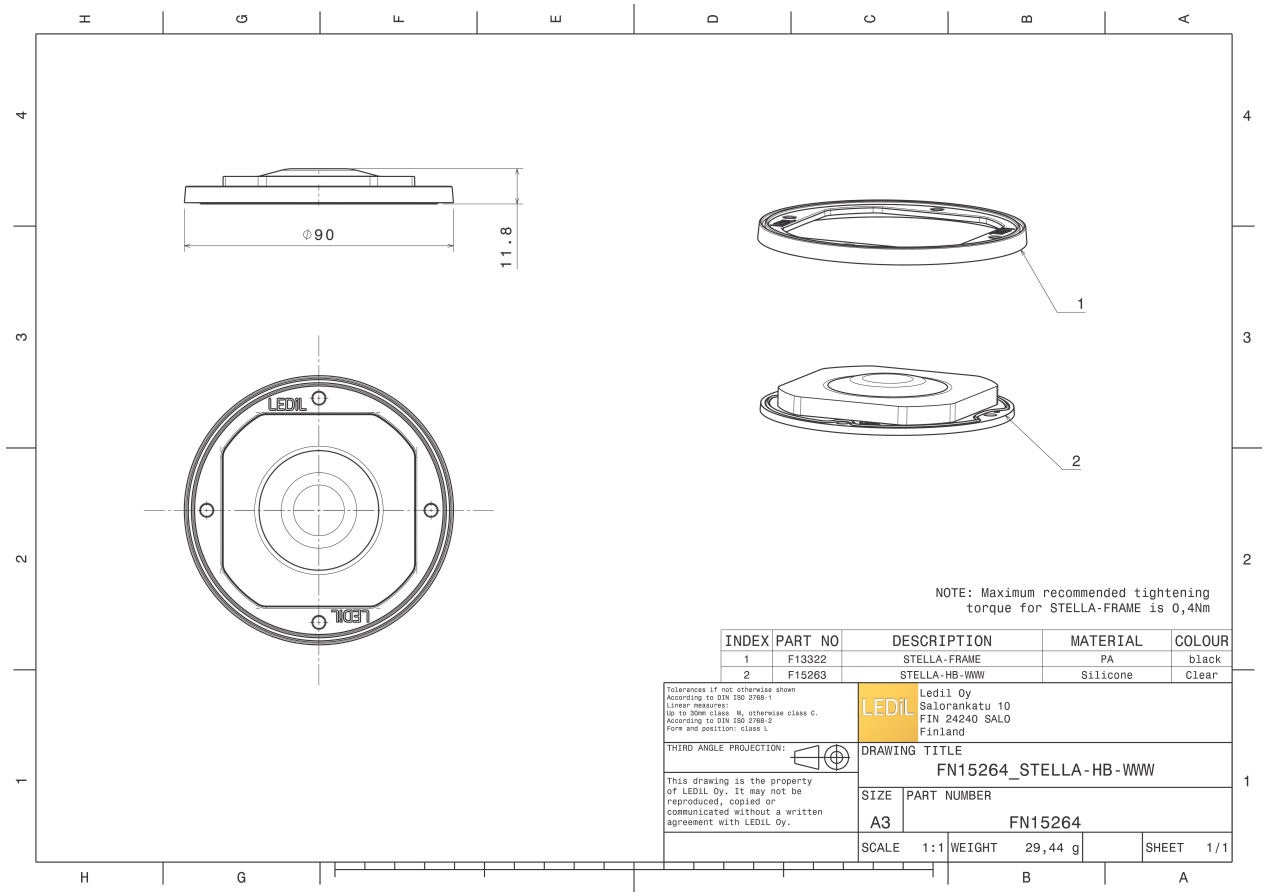
~100° very wide beam for warehouse and outdoor lighting. Compatible with up to 23 mm LES size COBs.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 90.0 mm
Height	11.3 mm
Fastening	screw
Colour	black
Box size	480 x 280 x 300 mm
Box weight	5 kg
Quantity in Box	135 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STELLA-HB-WWW	Lens	Silicone	clear
STELLA-FRAME	Holder	PA66	black



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

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F13322	STELLA-FRAME	PA	black
2	F15263	STELLA-HB-WWW	Silicone	Clear

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

THIRD ANGLE PROJECTION:

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
FN15264_STELLA-HB-WWW

SIZE A3 | PART NUMBER FN15264

SCALE 1:1 | WEIGHT 29,44 g | SHEET 1/1

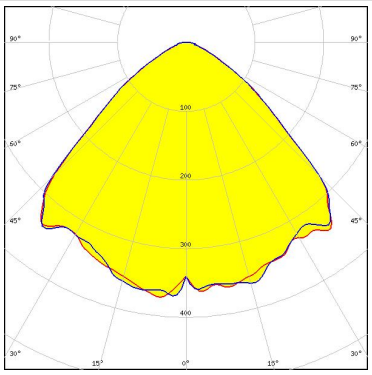
PHOTOMETRIC DATA (MEASURED):

bridgelux

LED	V18 Gen7
FWHM	102.0°
Efficiency	87 %
Peak intensity	0.400 cd/lm

Required components:

BJB: 47.319.2350

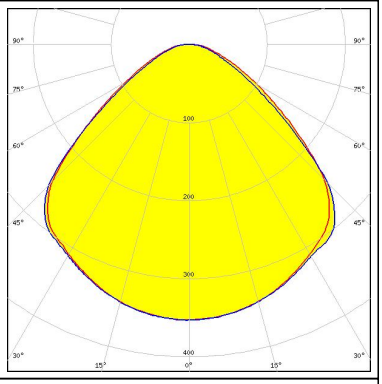


bridgelux

LED	V22 Gen7
FWHM	102.0°
Efficiency	89 %
Peak intensity	0.350 cd/lm

Required components:

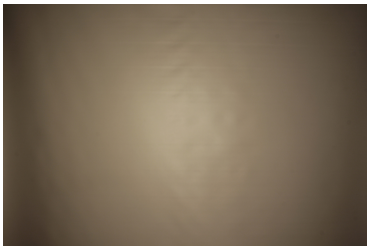
Bender Wirth: 431 Typ Z1

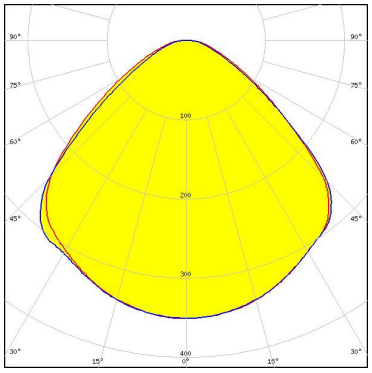


bridgelux

LED	V22 Gen7
FWHM	101.0°
Efficiency	87 %
Peak intensity	0.350 cd/lm

Required components:



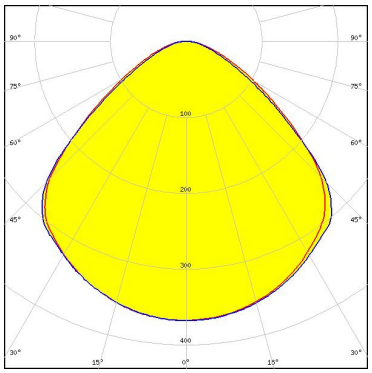


bridgelux

LED	V22 Gen7
FWHM	102.0°
Efficiency	92 %
Peak intensity	0.400 cd/lm

Required components:

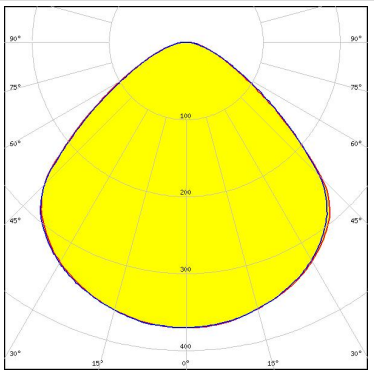
TE: 2213480-1



PHOTOMETRIC DATA (MEASURED):

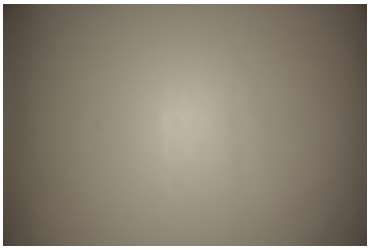
bridgelux

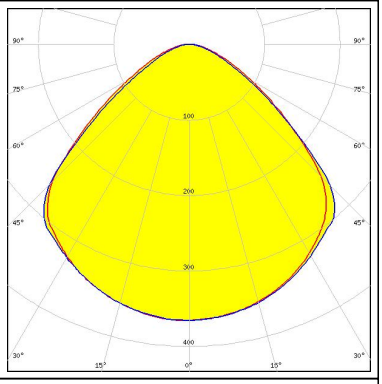
LED	Vero SE 13
FWHM	101.0°
Efficiency	90 %
Peak intensity	0.370 cd/lm
Required components:	



bridgelux

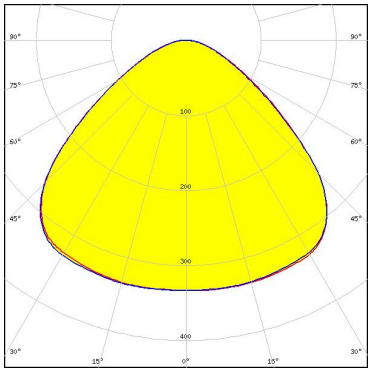
LED	Vero SE 18
FWHM	101.0°
Efficiency	90 %
Peak intensity	0.370 cd/lm
Required components:	





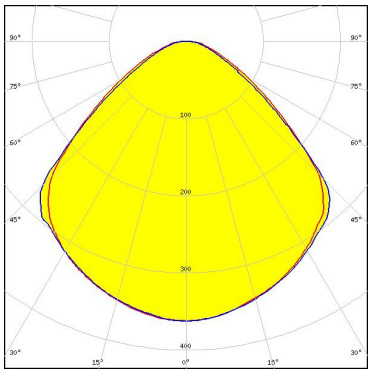
bridgelux

LED	Vero SE 29
FWHM	105.0°
Efficiency	92 %
Peak intensity	0.340 cd/lm
Required components:	



bridgelux

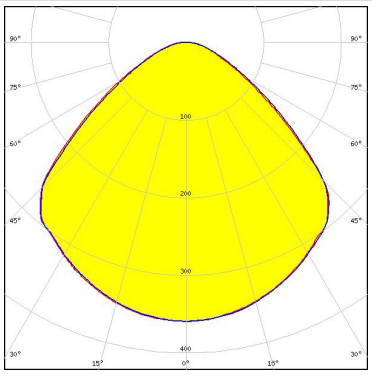
LED	VERO13
FWHM	100.0°
Efficiency	88 %
Peak intensity	0.360 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

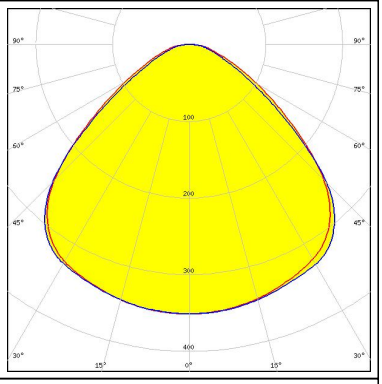
bridgelux

LED	VERO18
FWHM	102.0°
Efficiency	89 %
Peak intensity	0.360 cd/lm
Required components:	



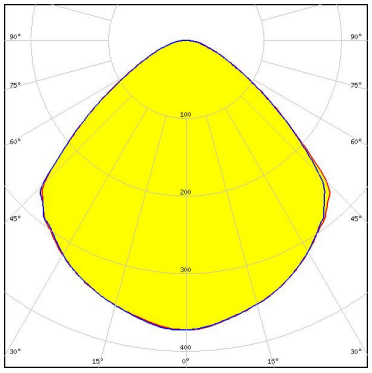
bridgelux

LED	VERO29
FWHM	103.0°
Efficiency	91 %
Peak intensity	0.350 cd/lm
Required components:	



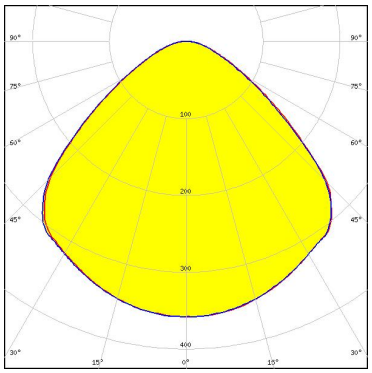
CITIZEN

LED	CLL02x/CLU02x (LES10)
FWHM	100.0°
Efficiency	88 %
Peak intensity	0.370 cd/lm
Required components:	



CITIZEN

LED	CLL04x/CLU04x
FWHM	102.0°
Efficiency	89 %
Peak intensity	0.360 cd/lm
Required components:	

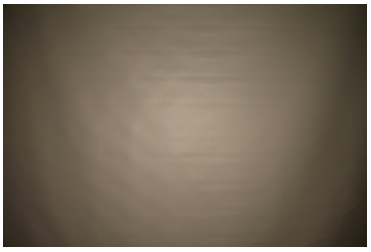


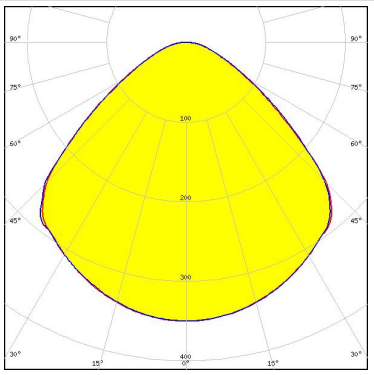
PHOTOMETRIC DATA (MEASURED):

CREE

LED	CMA2550
FWHM	102.0°
Efficiency	88 %
Peak intensity	0.400 cd/lm

Required components:

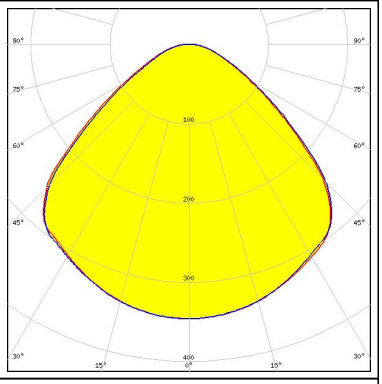




CREE

LED	CMA3090
FWHM	102.0°
Efficiency	88 %
Peak intensity	0.300 cd/lm

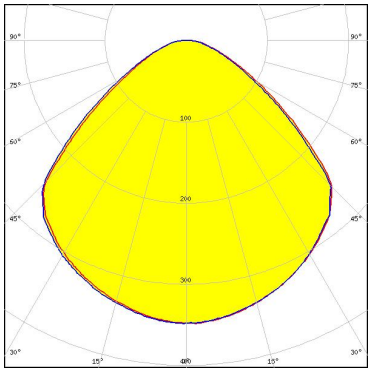
Required components:



CREE

LED	CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM	102.0°
Efficiency	87 %
Peak intensity	0.350 cd/lm

Required components:

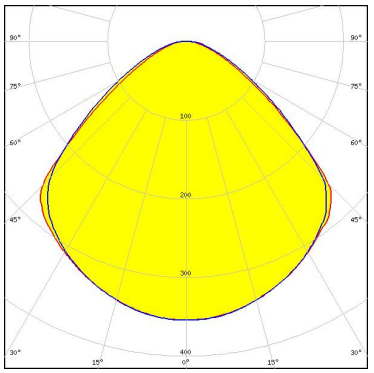


CREE

LED	CXA/B 1830
FWHM	102.0°
Efficiency	88 %
Peak intensity	0.350 cd/lm

Required components:

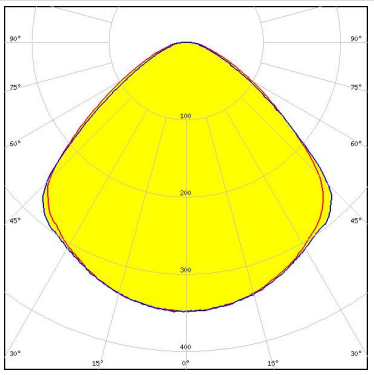
C14305_STELLA-CLAMP-CXA15-18



PHOTOMETRIC DATA (MEASURED):

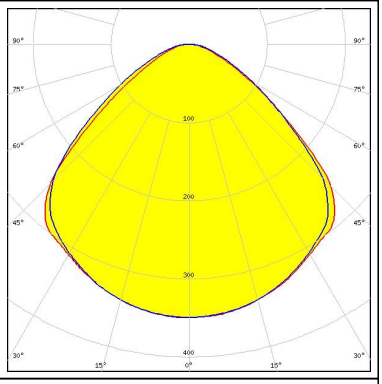
CREE

LED	CXA/B 25xx
FWHM	102.0°
Efficiency	88 %
Peak intensity	0.350 cd/lm
Required components:	



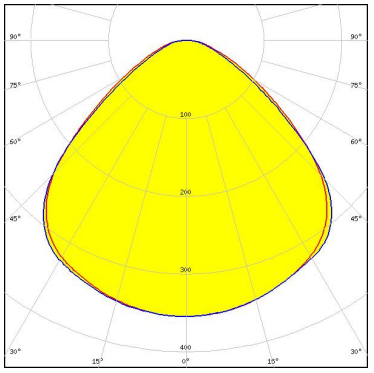
CREE

LED	CXA/B 30xx
FWHM	102.0°
Efficiency	88 %
Peak intensity	0.350 cd/lm
Required components:	



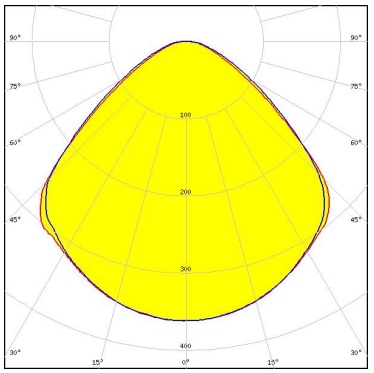
CREE

LED	CXA/B 3590
FWHM	102.0°
Efficiency	90 %
Peak intensity	0.360 cd/lm
Required components:	



LUMILEDS

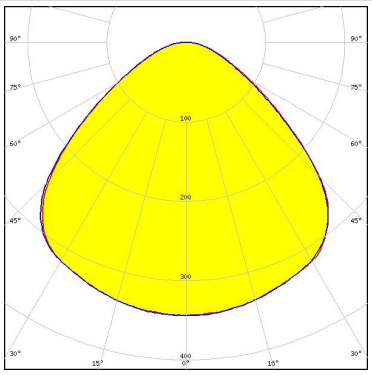
LED	LUXEON CoB 1211
FWHM	101.0°
Efficiency	89 %
Peak intensity	0.360 cd/lm
Required components:	
Bender Wirth: 431 Typ L3	



PHOTOMETRIC DATA (MEASURED):

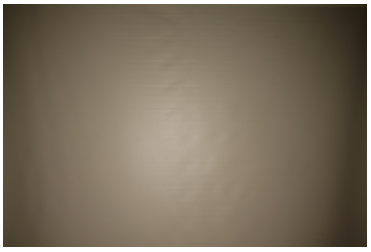
LUMILEDS

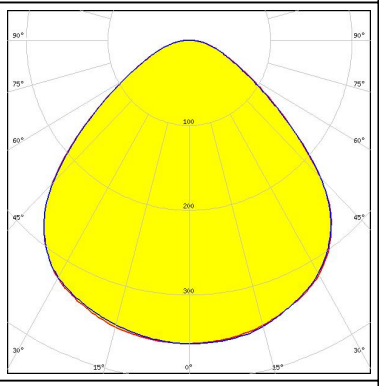
LED	LUXEON CoB 1321
FWHM	102.0°
Efficiency	89 %
Peak intensity	0.340 cd/lm
Required components:	



LUMILEDS

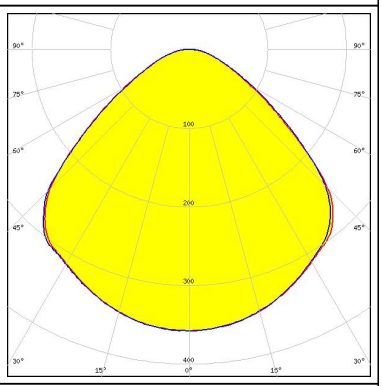
LED	LUXEON CoB 1825
FWHM	100.0°
Efficiency	88 %
Peak intensity	0.400 cd/lm
Required components:	





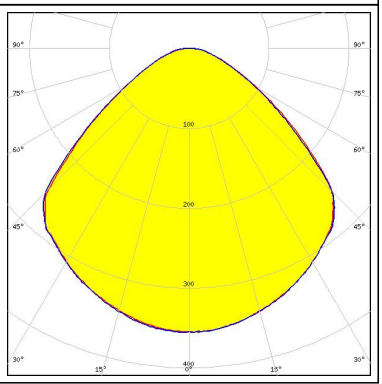
NICHIA

LED	COB H-Type
FWHM	101.0°
Efficiency	89 %
Peak intensity	0.360 cd/lm
Required components:	



NICHIA

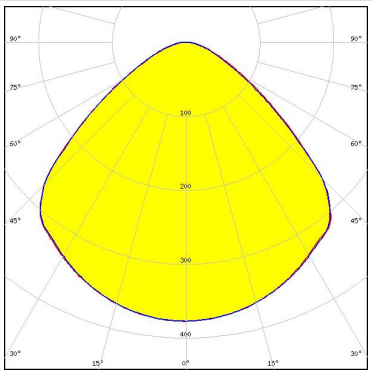
LED	COB J-Type
FWHM	102.0°
Efficiency	88 %
Peak intensity	0.360 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

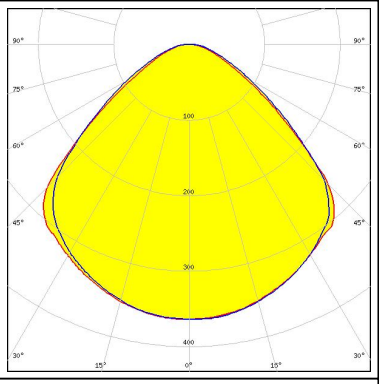
PHILIPS

LED	Fortimo SLM L19 Poke-In
FWHM	101.0°
Efficiency	93 %
Peak intensity	0.380 cd/lm
Required components:	



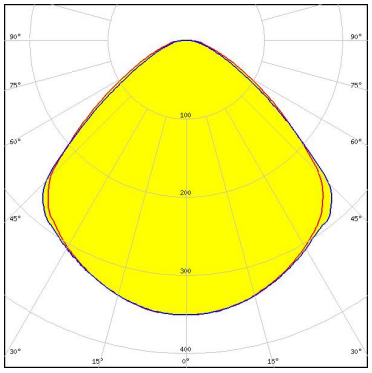
SEOUL SEMICONDUCTOR

LED	MJT COB LES 14.5
FWHM	101.0°
Efficiency	90 %
Peak intensity	0.450 cd/lm
Required components:	
Bender Wirth: 433 Typ Z1	



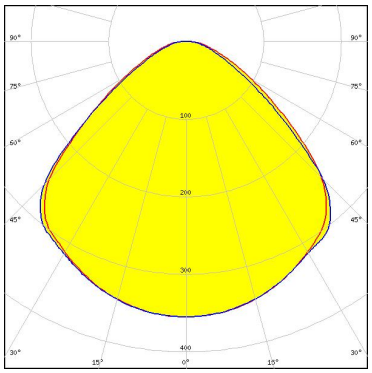
SEOUL SEMICONDUCTOR

LED	MJT COB LES 14.5
FWHM	101.0°
Efficiency	87 %
Peak intensity	0.400 cd/lm
Required components:	



SEOUL SEMICONDUCTOR

LED	MJT COB LES 22
FWHM	101.0°
Efficiency	89 %
Peak intensity	0.360 cd/lm
Required components:	
Bender Wirth: 431 Typ Z1	



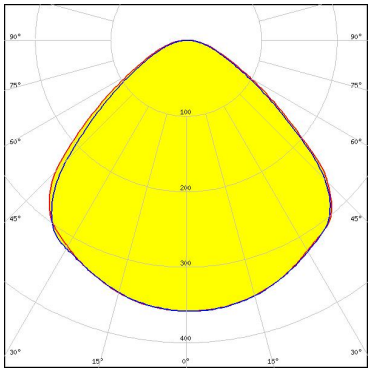
PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

LED	MJT COB LES 22
FWHM	101.0°
Efficiency	89 %
Peak intensity	0.360 cd/lm

Required components:

IDEAL: 50-2204CT

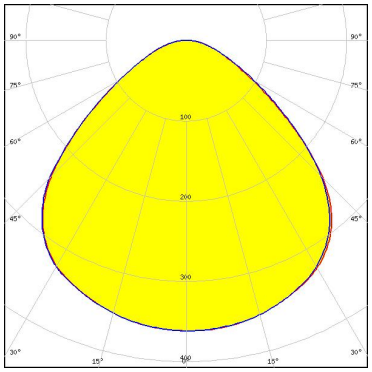


SEOUL SEMICONDUCTOR

LED	MJT COB LES 33
FWHM	101.0°
Efficiency	90 %
Peak intensity	0.360 cd/lm

Required components:

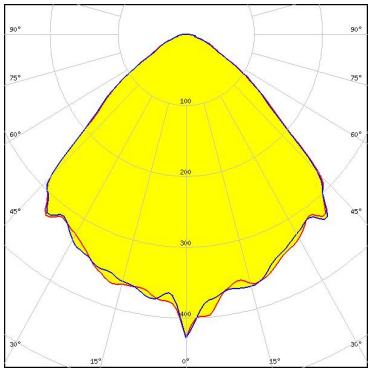
Bender Wirth: 458 Typ L4



PHOTOMETRIC DATA (SIMULATED):

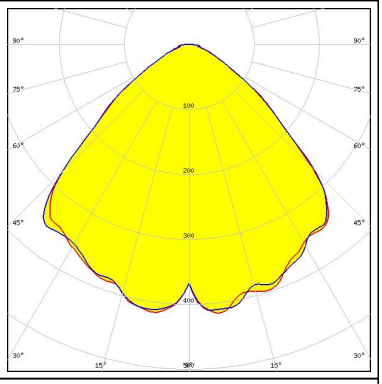
bridgelux

LED	V10 Gen7
FWHM	95.0°
Efficiency	88 %
Peak intensity	0.430 cd/lm
Required components:	
Bender Wirth: 434 Typ Z1	



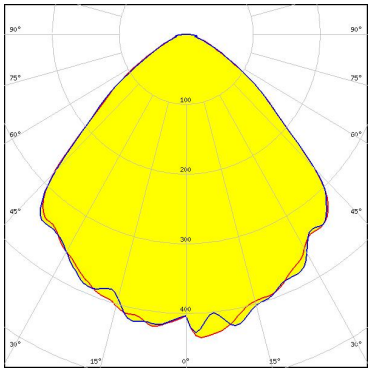
bridgelux

LED	V13 Gen7
FWHM	94.0°
Efficiency	94 %
Peak intensity	0.440 cd/lm
Required components:	
Bender Wirth: 477 Typ Z1	



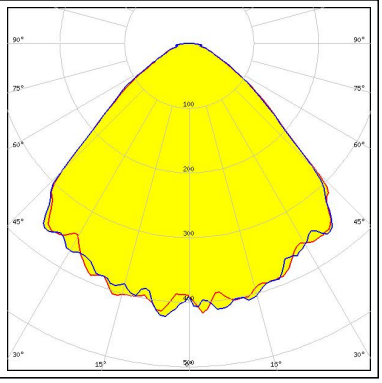
bridgelux

LED	V13 Gen7
FWHM	94.0°
Efficiency	94 %
Peak intensity	0.448 cd/lm
Required components:	



bridgelux

LED	V22 Gen7
FWHM	96.0°
Efficiency	94 %
Peak intensity	0.457 cd/lm
Required components:	
IDEAL: 50-2204CT	



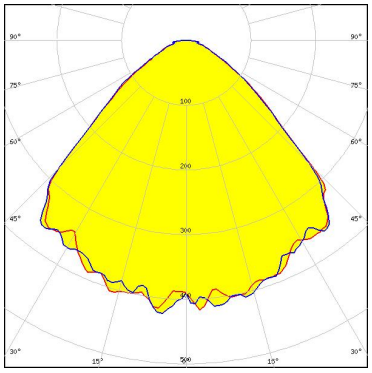
PHOTOMETRIC DATA (SIMULATED):

bridgelux

LED	V22 Gen7
FWHM	94.0°
Efficiency	94 %
Peak intensity	0.457 cd/lm

Required components:

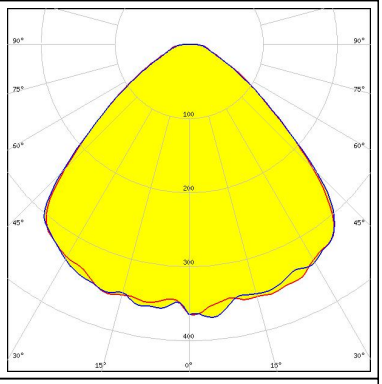
Bender Wirth: 431 Typ Z1



CITIZEN

LED	CLL05x/CLU05x
FWHM	97.0°
Efficiency	87 %
Peak intensity	0.380 cd/lm

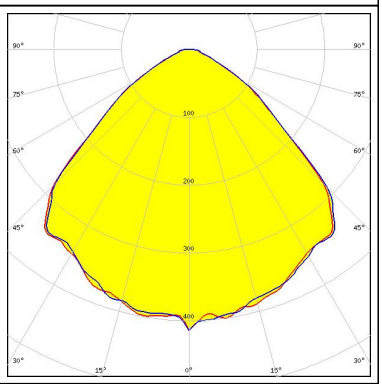
Required components:



CREE

LED	CMA3090
FWHM	97.0°
Efficiency	94 %
Peak intensity	0.420 cd/lm

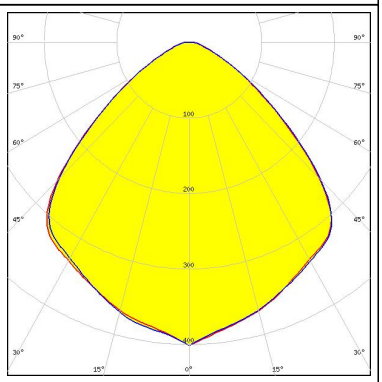
Required components:



CREE

LED	CXA/B 25xx
FWHM	98.0°
Efficiency	89 %
Peak intensity	0.400 cd/lm

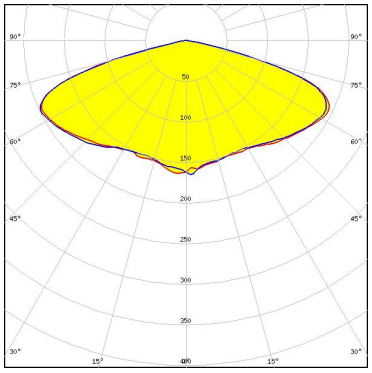
Required components:



PHOTOMETRIC DATA (SIMULATED):

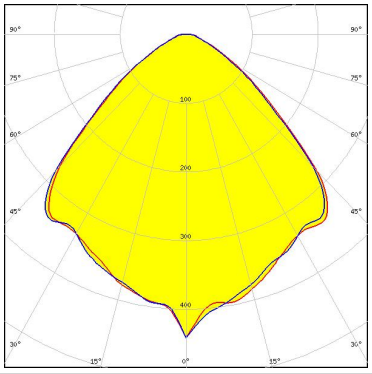
LUMILEDS

LED	LUXEON CoB 1216/1812
FWHM	99.0°
Efficiency	87 %
Peak intensity	0.360 cd/lm
Required components:	



TRIDONIC

LED	SLE G6 LES19
FWHM	96.0°
Efficiency	94 %
Peak intensity	0.440 cd/lm
Required components:	
Bender Wirth: 466 Typ L4	



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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