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.

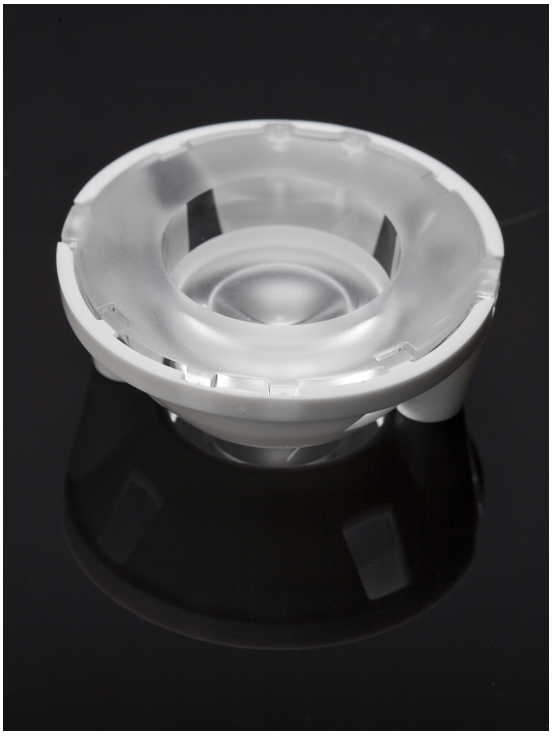
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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

WINNIE-S

~20° spot beam. Holder with 35 mm screw hole distance according to Zhaga standard. Compatible with Bender Wirth 4xx Typ L5 connector.

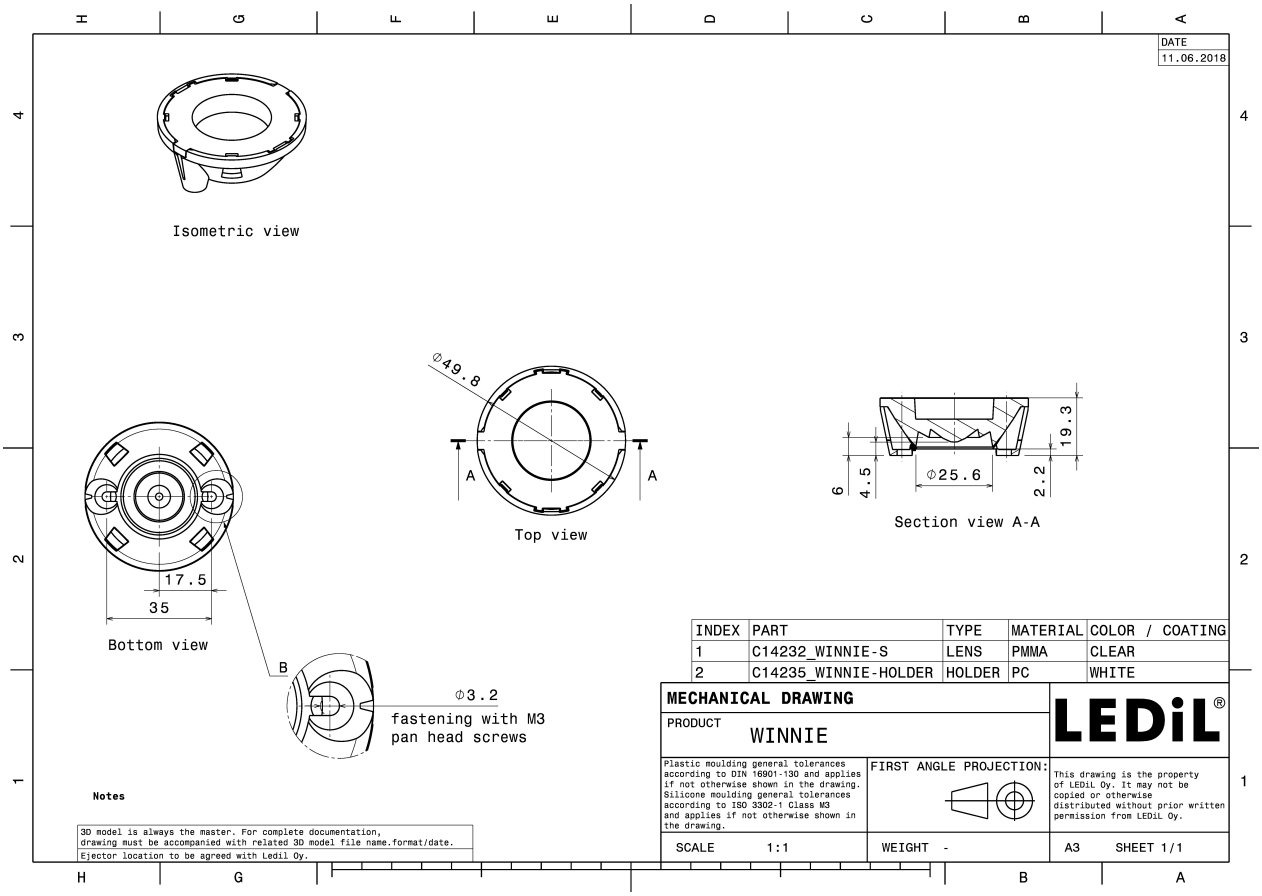


TECHNICAL SPECIFICATIONS:

Dimensions	Ø 49.8 mm
Height	19.3 mm
Fastening	screw
Colour	white
Box size	
Box weight	0 kg
Quantity in Box	364 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
WINNIE-S	Lens	PMMA	clear
WINNIE-HOLDER	Holder	PC	white



INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	C14232_WINNIE-S	LENS	PMMA	CLEAR
2	C14235_WINNIE-HOLDER	HOLDER	PC	WHITE

MECHANICAL DRAWING

PRODUCT WINNIE

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

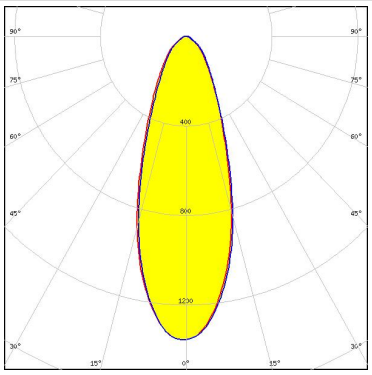
FIRST ANGLE PROJECTION:

SCALE 1:1 | WEIGHT - | A3 SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

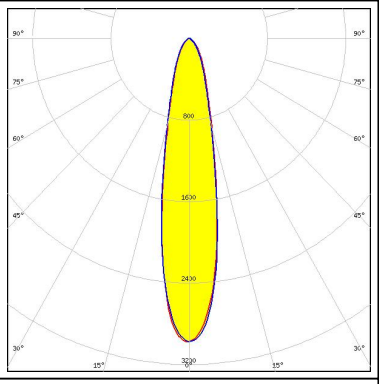
bridgelux

LED	V18 Gen6
FWHM	36.0°
Efficiency	88 %
Peak intensity	1.360 cd/lm
Required components:	



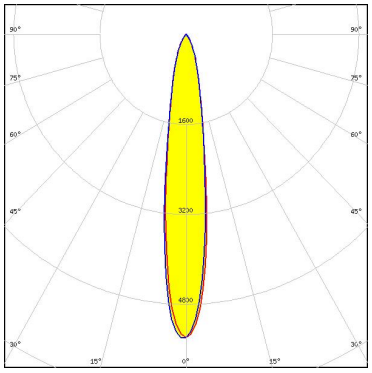
bridgelux

LED	VERO10
FWHM	21.0°
Efficiency	89 %
Peak intensity	3.000 cd/lm
Required components:	



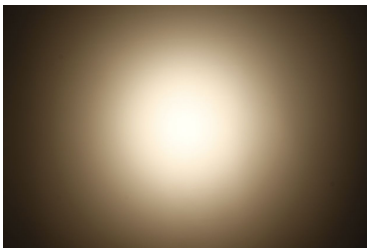
CITIZEN

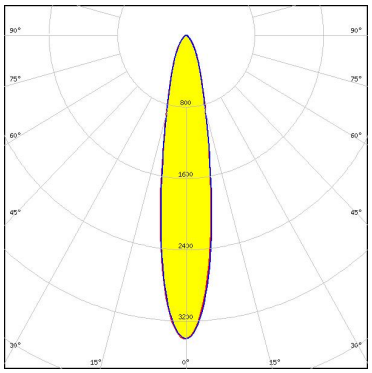
LED	CLL01x
FWHM	16.0°
Efficiency	87 %
Peak intensity	5.400 cd/lm
Required components:	



CITIZEN

LED	CLL02x/CLU02x (LES10)
FWHM	20.0°
Efficiency	88 %
Peak intensity	3.400 cd/lm
Required components:	
Bender Wirth: 434 Typ L5	

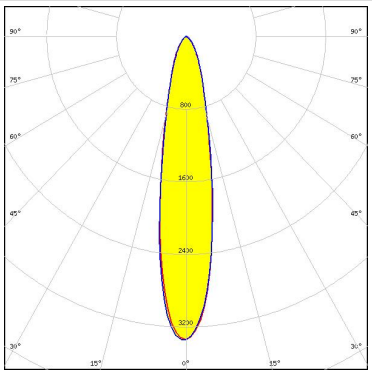




PHOTOMETRIC DATA (MEASURED):

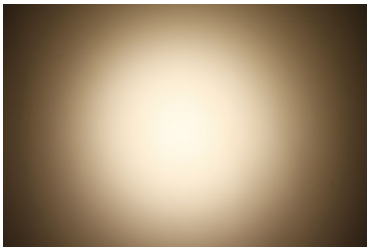
CITIZEN

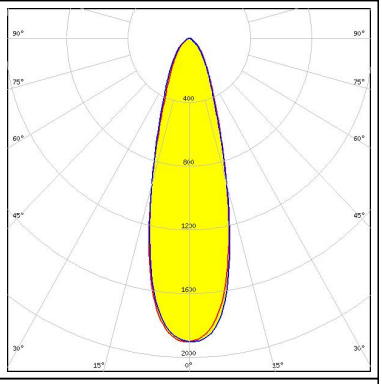
LED CLL02x/CLU02x (LES10)
FWHM 21.0°
Efficiency 87 %
Peak intensity 3.340 cd/lm
Required components:



CITIZEN

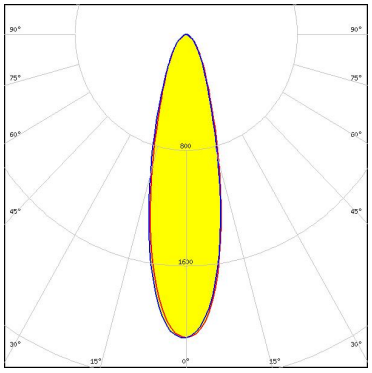
LED CLL03x/CLU03x
FWHM 30.0°
Efficiency 88 %
Peak intensity 1.900 cd/lm
Required components:
Bender Wirth: 433 Typ L5





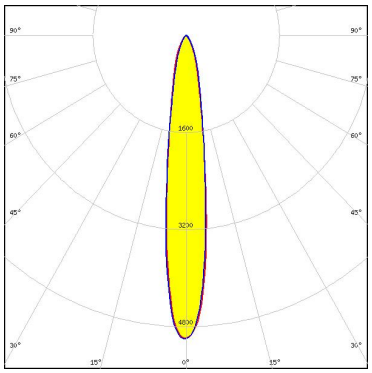
CITIZEN

LED CLL03x/CLU03x
FWHM 28.0°
Efficiency 87 %
Peak intensity 2.100 cd/lm
Required components:



CITIZEN

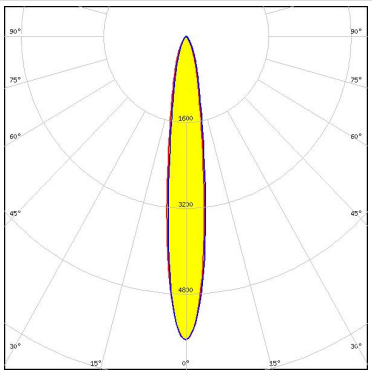
LED CLU700/701
FWHM 15.0°
Efficiency 89 %
Peak intensity 5.000 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

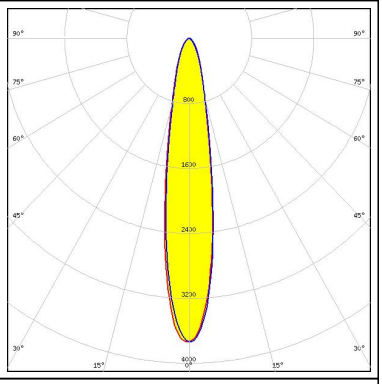
CITIZEN

LED	CLU700/701
FWHM	15.0°
Efficiency	90 %
Peak intensity	5.700 cd/lm
Required components:	
Bender Wirth: 434 Typ L5	



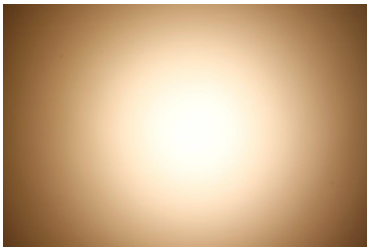
CITIZEN

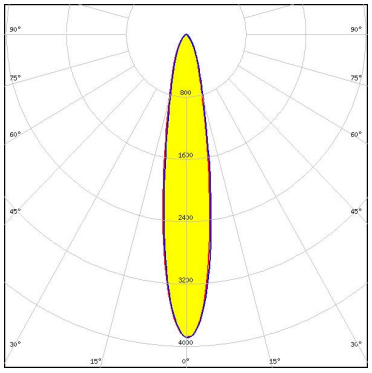
LED	CLU710/711
FWHM	18.0°
Efficiency	90 %
Peak intensity	3.700 cd/lm
Required components:	



CITIZEN

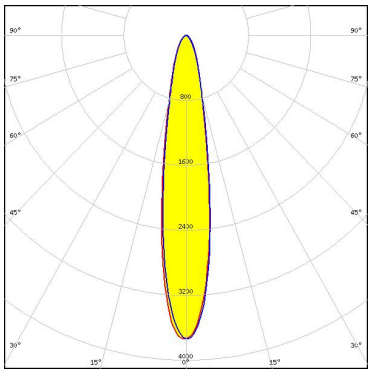
LED	CLU710/711
FWHM	18.0°
Efficiency	88 %
Peak intensity	3.900 cd/lm
Required components:	
Bender Wirth: 470 Typ L5	





CITIZEN

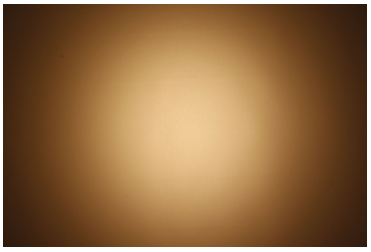
LED	CLU710/711
FWHM	18.0°
Efficiency	90 %
Peak intensity	3.700 cd/lm
Required components:	

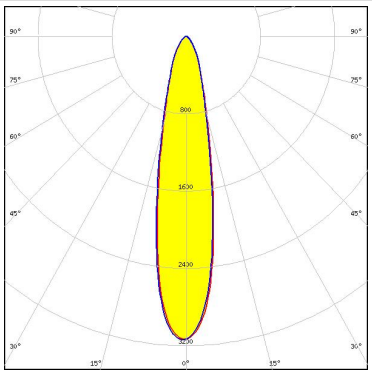


PHOTOMETRIC DATA (MEASURED):

CITIZEN

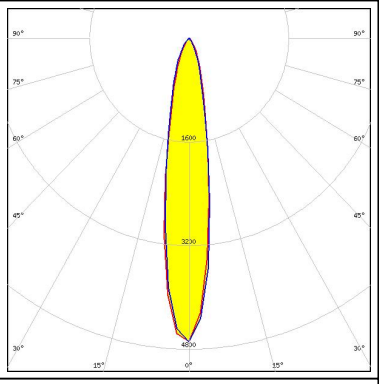
LED	CLU720/721
FWHM	22.0°
Efficiency	93 %
Peak intensity	3.100 cd/lm
Required components:	
Bender Wirth: 433 Typ L5	





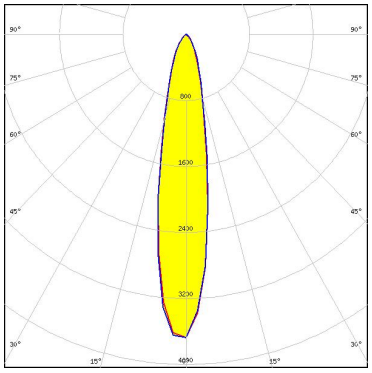
CREE

LED	CXA/B 13xx
FWHM	18.0°
Efficiency	89 %
Peak intensity	4.690 cd/lm
Required components:	



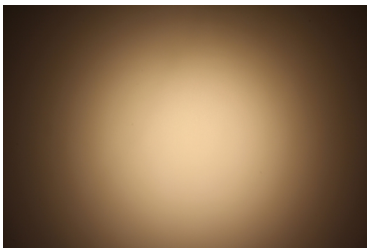
CREE

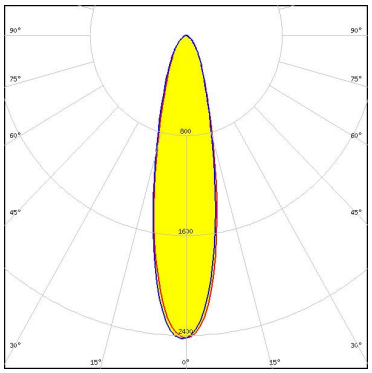
LED	CXA/B 15xx
FWHM	20.0°
Efficiency	87 %
Peak intensity	3.680 cd/lm
Required components:	



CREE

LED	CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM	25.0°
Efficiency	86 %
Peak intensity	2.420 cd/lm
Required components:	





PHOTOMETRIC DATA (MEASURED):

LUMILEDS

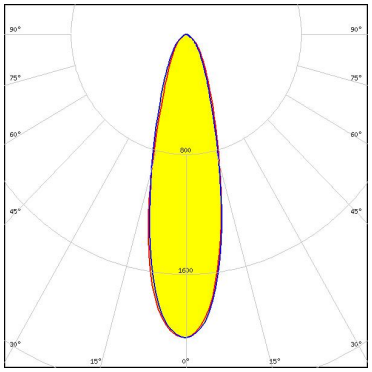
LED	LUXEON CoB 1202/1203
FWHM	20.0°
Efficiency	87 %
Peak intensity	3.730 cd/lm
Required components:	

LUMILEDS

LED	LUXEON CoB 1202s
FWHM	15.0°
Efficiency	89 %
Peak intensity	5.760 cd/lm
Required components:	

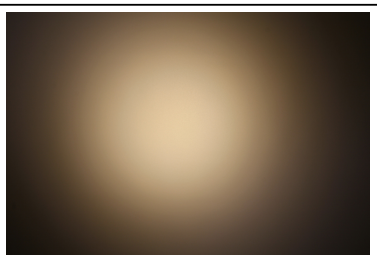
LUMINUS

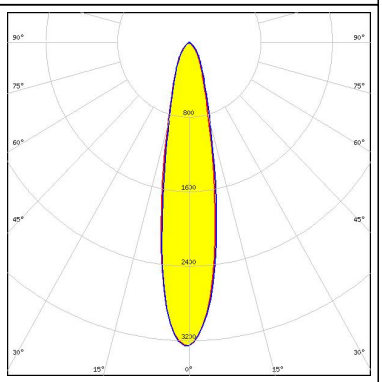
LED	CXM-14
FWHM	29.0°
Efficiency	86 %
Peak intensity	2.000 cd/lm
Required components:	



LUMINUS

LED	CXM-9
FWHM	22.0°
Efficiency	87 %
Peak intensity	3.300 cd/lm
Required components:	





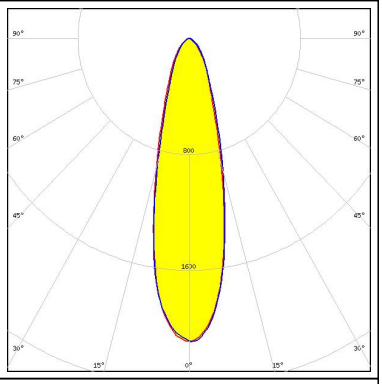
PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED	Duris S10
FWHM	18.0°
Efficiency	88 %
Peak intensity	4.000 cd/lm
Required components:	

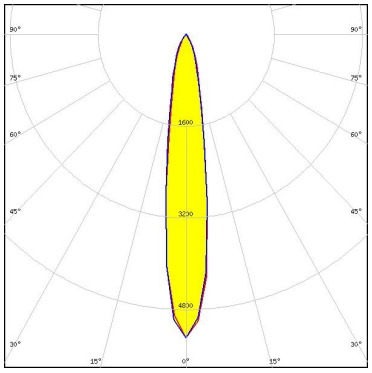
OSRAM
Opto Semiconductors

LED	Soleriq P13
FWHM	27.0°
Efficiency	87 %
Peak intensity	2.090 cd/lm
Required components:	



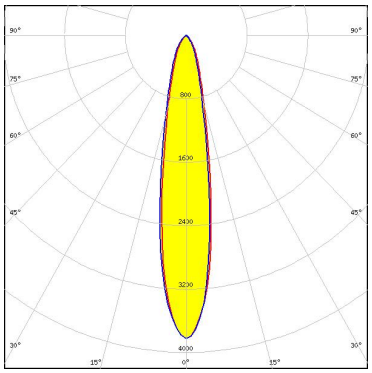
OSRAM
Opto Semiconductors

LED	Soleriq P6
FWHM	17.0°
Efficiency	88 %
Peak intensity	5.300 cd/lm
Required components:	



OSRAM
Opto Semiconductors

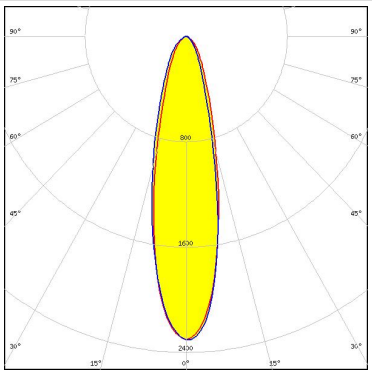
LED	Soleriq P9
FWHM	20.0°
Efficiency	89 %
Peak intensity	3.800 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

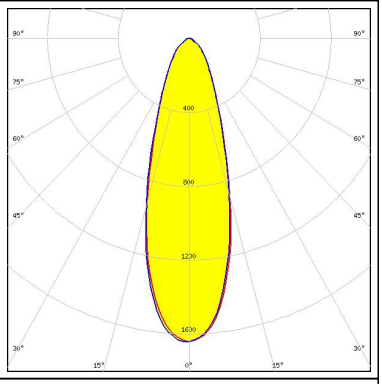
OSRAM
Opto Semiconductors

LED	Soleriq S13
FWHM	26.0°
Efficiency	88 %
Peak intensity	2.300 cd/lm
Required components:	



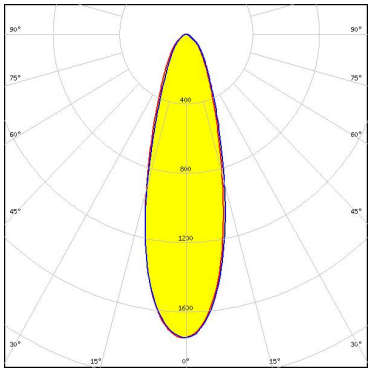
OSRAM
Opto Semiconductors

LED	Soleriq S19
FWHM	33.0°
Efficiency	88 %
Peak intensity	1.600 cd/lm
Required components:	



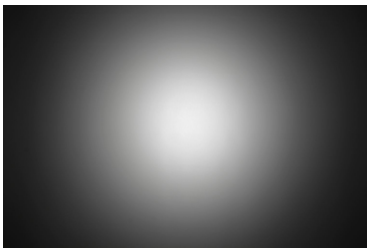
SAMSUNG

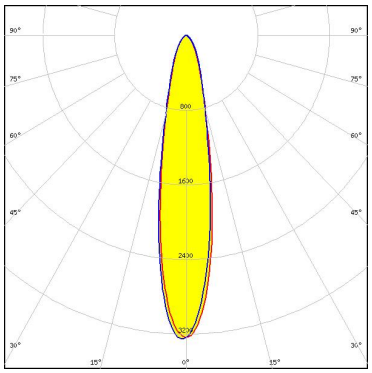
LED	COB D Series LES 14.5 mm
FWHM	30.0°
Efficiency	86 %
Peak intensity	1.750 cd/lm
Required components:	



SAMSUNG

LED	COB D Series LES 9.8 mm
FWHM	20.0°
Efficiency	87 %
Peak intensity	3.300 cd/lm
Required components:	

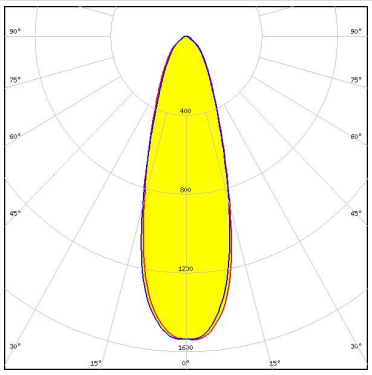




PHOTOMETRIC DATA (MEASURED):

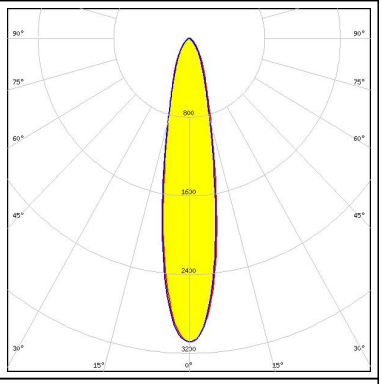
SEOUL SEMICONDUCTOR

LED	MJT COB LES 14.5
FWHM	33.0°
Efficiency	86 %
Peak intensity	1.500 cd/lm
Required components:	
Bender Wirth: 433 Typ L5	



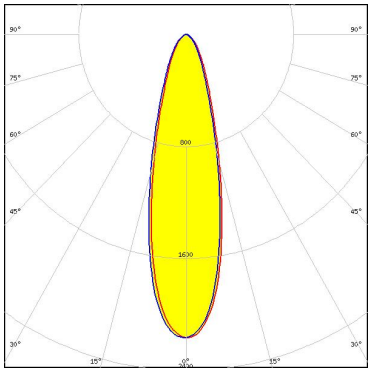
SEOUL SEMICONDUCTOR

LED	MJT COB LES 9.8
FWHM	21.0°
Efficiency	89 %
Peak intensity	3.100 cd/lm
Required components:	
Bender Wirth: 434 Typ L5	



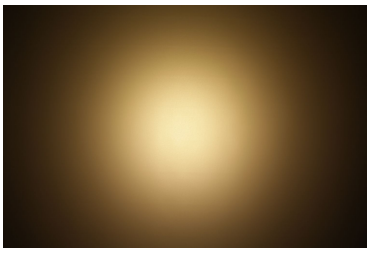
SEOUL SEMICONDUCTOR

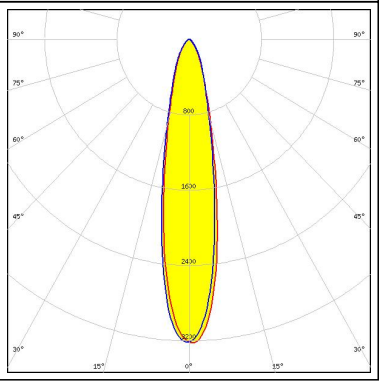
LED	ZC12/18
FWHM	27.0°
Efficiency	88 %
Peak intensity	2.200 cd/lm
Required components:	
Bender Wirth: 433 Typ L5	



TRIDONIC

LED	SLE G5 LES11
FWHM	21.0°
Efficiency	87 %
Peak intensity	3.200 cd/lm
Required components:	

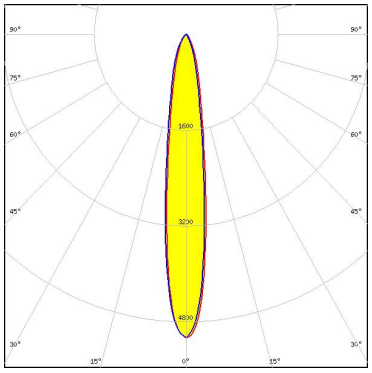




PHOTOMETRIC DATA (MEASURED):

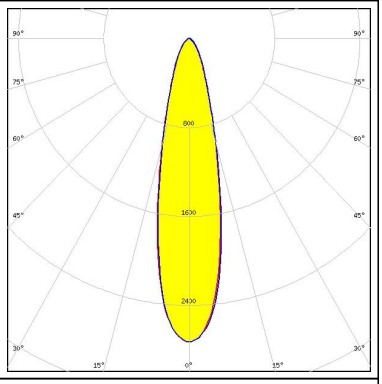
TRIDONIC

LED	SLE G5 LES6
FWHM	15.0°
Efficiency	87 %
Peak intensity	5.100 cd/lm
Required components:	



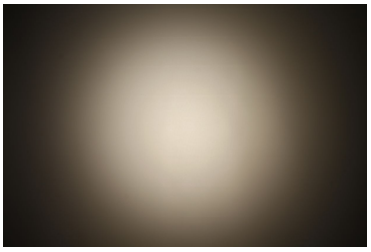
LIGHTING SOLUTIONS

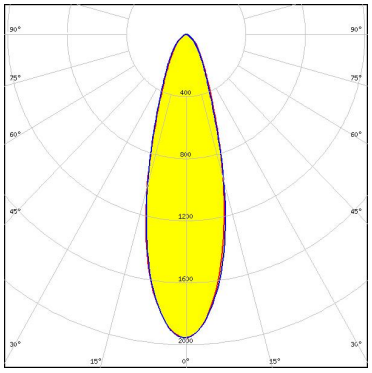
LED	DMC 124 / 125
FWHM	24.0°
Efficiency	89 %
Peak intensity	2.700 cd/lm
Required components:	
Bender Wirth: 433 Typ L5	



LIGHTING SOLUTIONS

LED	DMC 128
FWHM	30.0°
Efficiency	88 %
Peak intensity	2.000 cd/lm
Required components:	
Bender Wirth: 433 Typ L5	

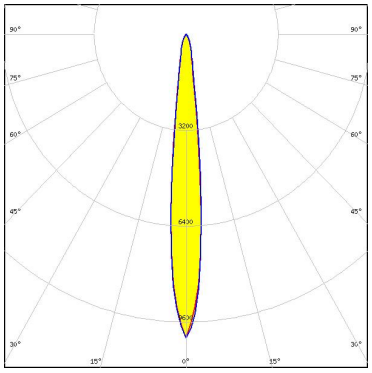




PHOTOMETRIC DATA (SIMULATED):

CREE

LED	CXA/B 13xx
FWHM	12.0°
Efficiency	88 %
Peak intensity	10.100 cd/lm
Required components:	
Bender Wirth: 448 Typ L5	



LUMILEDS

LED	LUXEON CoB Compact
FWHM	15.0°
Efficiency	89 %
Peak intensity	5.760 cd/lm
Required components:	

LUMINUS

LED	CXM-14
FWHM	30.0°
Efficiency	88 %
Peak intensity	1.900 cd/lm
Required components:	
Bender Wirth: 433 Typ L5	

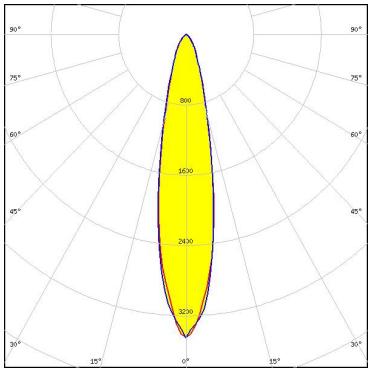
LUMINUS

LED	CXM-9
FWHM	20.0°
Efficiency	88 %
Peak intensity	3.400 cd/lm
Required components:	
Bender Wirth: 434 Typ L5	

PHOTOMETRIC DATA (SIMULATED):

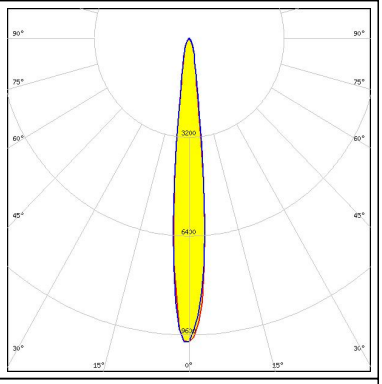
OSRAM
Opto Semiconductors

LED	Soleriq S9
FWHM	22.0°
Efficiency	89 %
Peak intensity	3.500 cd/lm
Required components:	



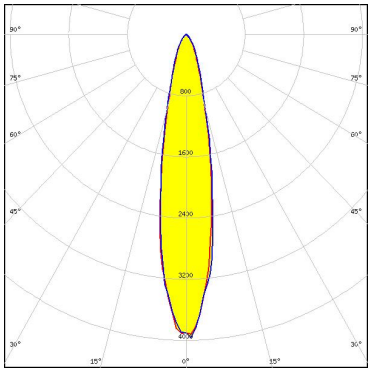
SAMSUNG

LED	LC010C
FWHM	12.0°
Efficiency	88 %
Peak intensity	10.100 cd/lm
Required components:	
Bender Wirth: 479 Typ L5	



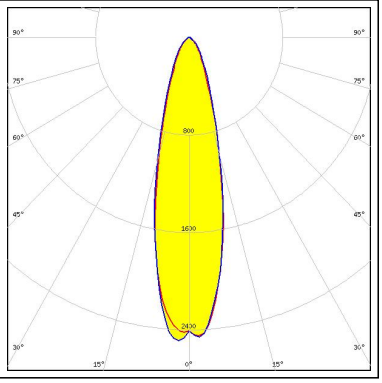
SAMSUNG

LED	LC020C
FWHM	20.0°
Efficiency	89 %
Peak intensity	4.000 cd/lm
Required components:	
Bender Wirth: 479 Typ L5	



SAMSUNG

LED	LC040C
FWHM	26.0°
Efficiency	87 %
Peak intensity	2.500 cd/lm
Required components:	
Bender Wirth: 479 Typ L5	



PHOTOMETRIC DATA (SIMULATED):

SEOUL SEMICONDUCTOR

LED	ZC4/6
FWHM	20.0°
Efficiency	88 %
Peak intensity	3.400 cd/lm

Required components:

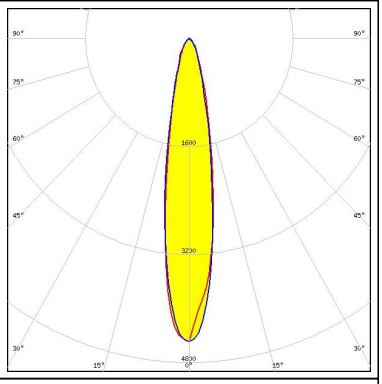
Bender Wirth: 434 Typ L5

TRIDONIC

LED	SLE G6 LES10
FWHM	19.0°
Efficiency	94 %
Peak intensity	4.610 cd/lm

Required components:

Bender Wirth: 434 Typ L5

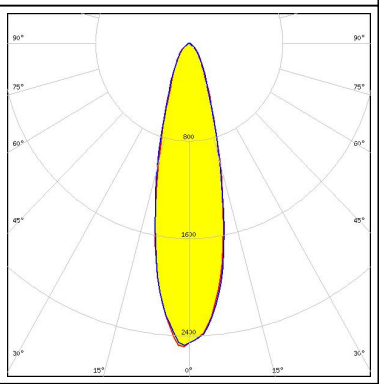


TRIDONIC

LED	SLE G6 LES15
FWHM	26.0°
Efficiency	91 %
Peak intensity	2.500 cd/lm

Required components:

Bender Wirth: 433 Typ L5

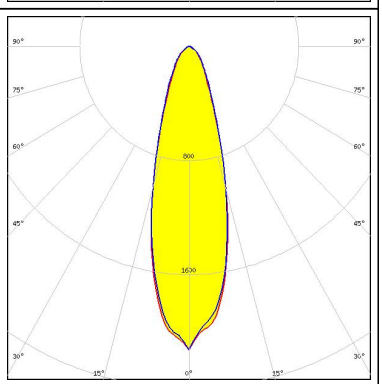


TRIDONIC

LED	SLE G6 LES17
FWHM	29.0°
Efficiency	92 %
Peak intensity	2.140 cd/lm

Required components:

Bender Wirth: 433 Typ L5



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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