



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



MIRELLA-50-W-PF

~40° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 49.9 mm
Height	24 mm
Fastening	socket
Colour	metal
Box size	480 x 280 x 300 mm
Box weight	2.8 kg
Quantity in Box	336 pcs
ROHS compliant	yes ⓘ



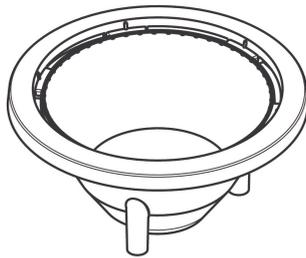
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Coating
MIRELLA-50-W-PF	Reflector	PC	metal	lacquer

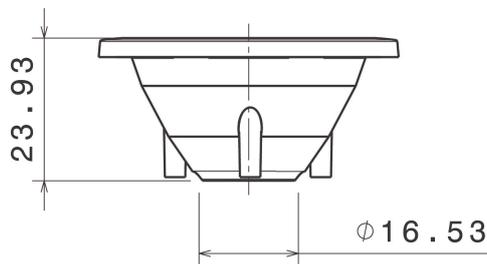
[http://www.delo.de/fileadmin/datasheet/DELO-PUR_9895_\(TIDB-GB\).pdf](http://www.delo.de/fileadmin/datasheet/DELO-PUR_9895_(TIDB-GB).pdf)

NOTE: It is recommended to use glue like DELO-PUR 9895 for pin fastening.

4



Isometric view

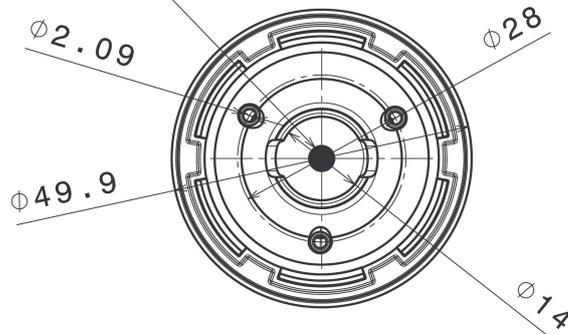


Front view

3

3

LED position



Bottom view

2

2

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C13087	MIRELLA-50-W-PF	PC	metal

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

LEDiL

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE

C13087_MIRELLA-50-W-PF

This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

SIZE PART NUMBER

A4

C13087

SCALE 1:1 WEIGHT 4,14 g SHEET 1/1

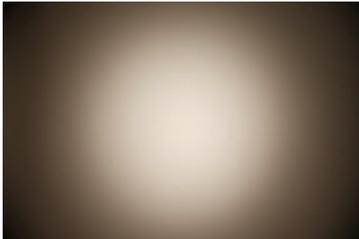
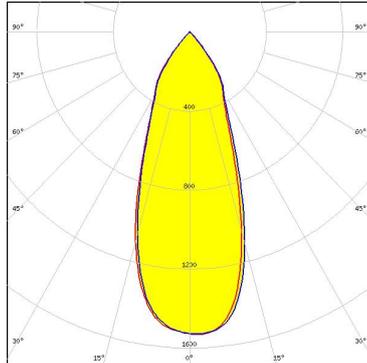
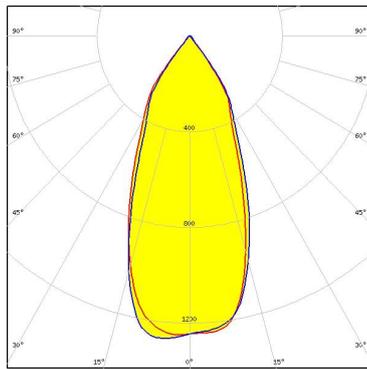
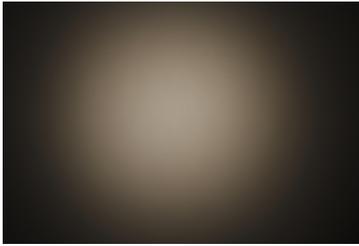
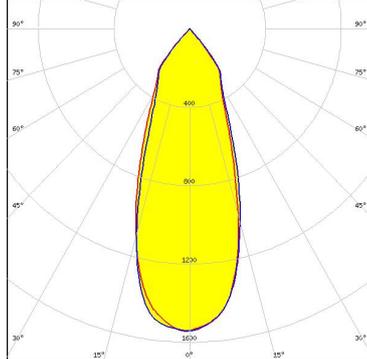
1

1

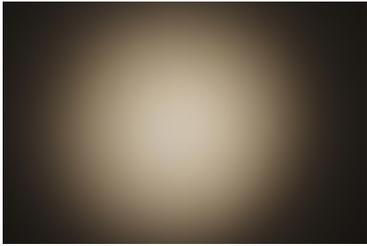
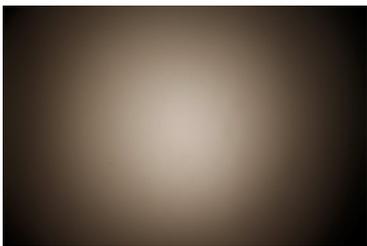
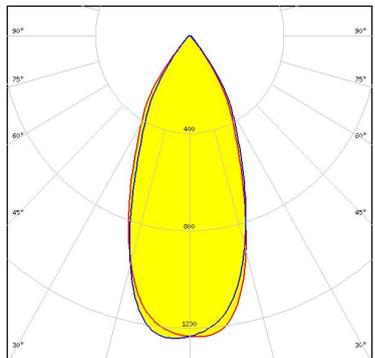
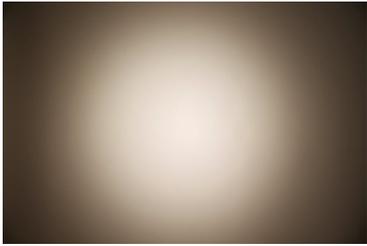
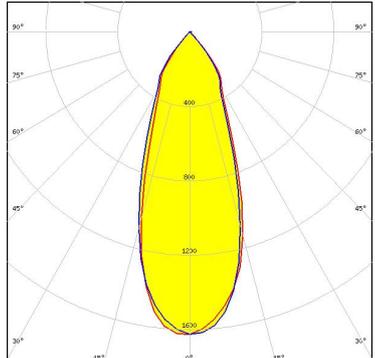
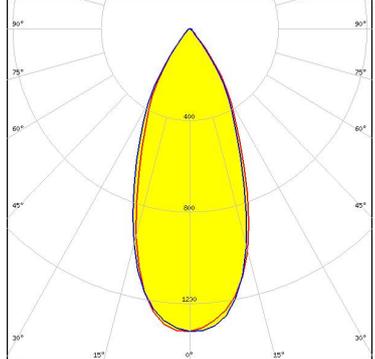
D

A

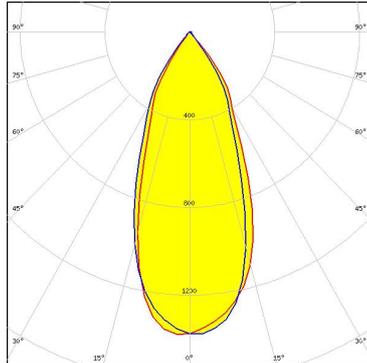
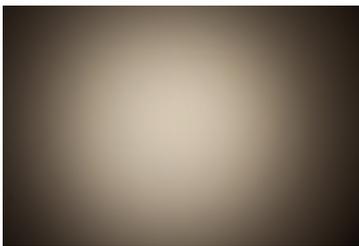
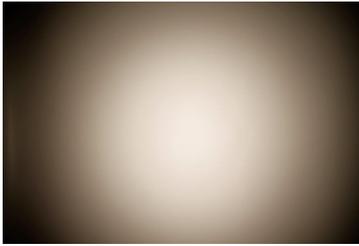
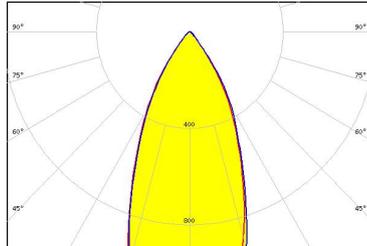
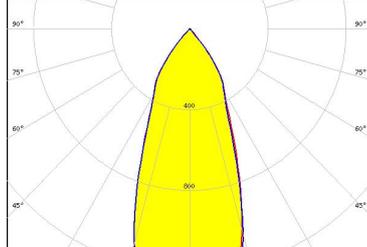
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V10 Gen6</p> <p>FWHM 39.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 1.500 cd/lm</p> <p>Required components: C14115_PF-SOCKET-CXA15-18</p>		
<p>bridgelux.</p> <p>LED V6 Gen6</p> <p>FWHM 44.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 1.300 cd/lm</p> <p>Required components: C13761_PF-SOCKET-CXA15 C13333_MIRELLA-CL</p>		
<p>bridgelux.</p> <p>LED V6 Gen6</p> <p>FWHM 31.0°</p> <p>Efficiency 74 %</p> <p>Peak intensity 2.100 cd/lm</p> <p>Required components: C13709_PF-SOCKET-VERO13-18 C12479_MIRELLA-DL Bender Wirth: 460 Typ L1</p>		
<p>bridgelux.</p> <p>LED V6 Gen6</p> <p>FWHM 39.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 1.500 cd/lm</p> <p>Required components: C13761_PF-SOCKET-CXA15</p>		

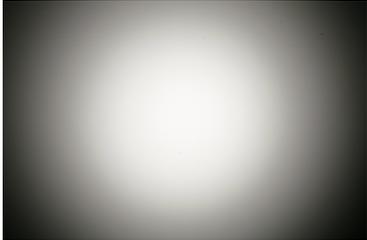
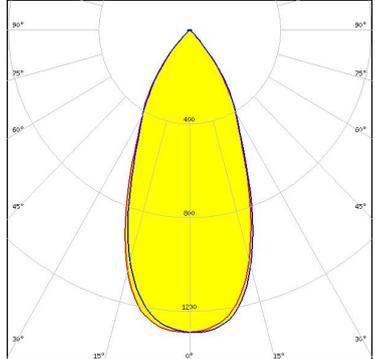
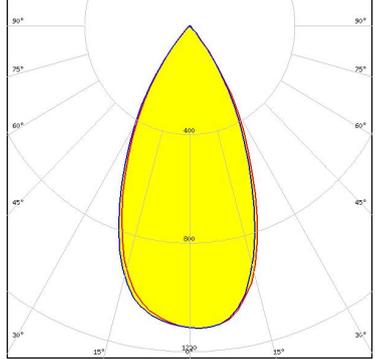
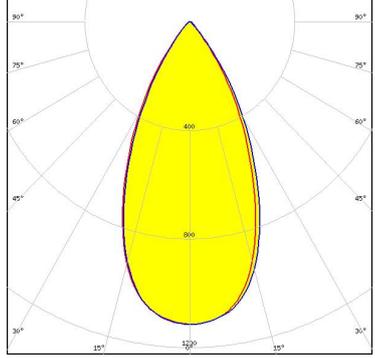
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V6 Gen6</p> <p>FWHM 27.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 2.690 cd/lm</p> <p>Required components: C13709_PF-SOCKET-VERO13-18 Bender Wirth: 460 Typ L1</p>		
<p>bridgelux.</p> <p>LED V6 Gen6</p> <p>FWHM 44.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 1.250 cd/lm</p> <p>Required components: C13761_PF-SOCKET-CXA15 C12479_MIRELLA-DL</p>		
<p>bridgelux.</p> <p>LED V8 Gen6</p> <p>FWHM 38.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 1.600 cd/lm</p> <p>Required components: C13761_PF-SOCKET-CXA15</p>		
<p>bridgelux.</p> <p>LED V8 Gen6</p> <p>FWHM 43.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 1.330 cd/lm</p> <p>Required components: C13761_PF-SOCKET-CXA15 C12479_MIRELLA-DL</p>		

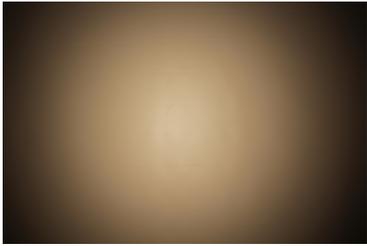
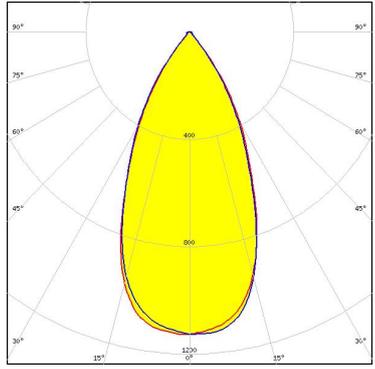
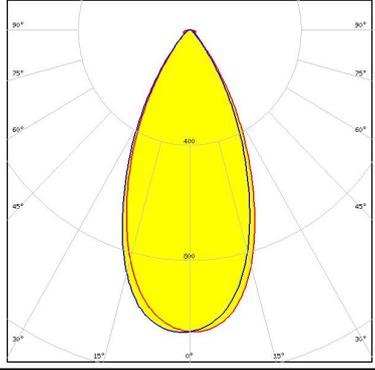
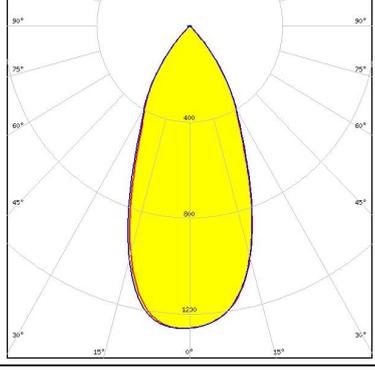
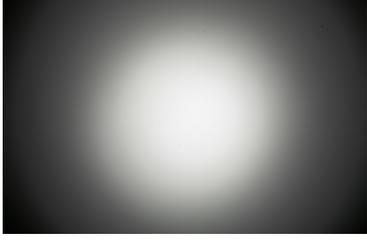
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V8 Gen6</p> <p>FWHM 42.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 1.380 cd/lm</p> <p>Required components:</p> <p>C13761_PF-SOCKET-CXA15</p> <p>C13333_MIRELLA-CL</p>		
<p>bridgelux.</p> <p>LED V8 Gen6</p> <p>FWHM 36.0°</p> <p>Efficiency 73 %</p> <p>Peak intensity 1.800 cd/lm</p> <p>Required components:</p> <p>C13709_PF-SOCKET-VERO13-18</p> <p>C12479_MIRELLA-DL</p> <p>Bender Wirth: 460 Typ L1</p>		
<p>bridgelux.</p> <p>LED VERO10</p> <p>FWHM 44.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 1.300 cd/lm</p> <p>Required components:</p> <p>C13708_PF-SOCKET-VERO10</p> <p>C12479_MIRELLA-DL</p>		
<p>bridgelux.</p> <p>LED VERO10</p> <p>FWHM 40.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 1.500 cd/lm</p> <p>Required components:</p> <p>C13708_PF-SOCKET-VERO10</p>		

PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED VERO10</p> <p>FWHM 44.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 1.300 cd/lm</p> <p>Required components:</p> <p>C13708_PF-SOCKET-VERO10</p> <p>C13333_MIRELLA-CL</p>		
<p>bridgelux.</p> <p>LED VERO13</p> <p>FWHM 46.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 1.290 cd/lm</p> <p>Required components:</p> <p>C13709_PF-SOCKET-VERO13-18</p>		
<p>bridgelux.</p> <p>LED VERO13</p> <p>FWHM 51.0°</p> <p>Efficiency 77 %</p> <p>Peak intensity 1.100 cd/lm</p> <p>Required components:</p> <p>C13709_PF-SOCKET-VERO13-18</p> <p>C13333_MIRELLA-CL</p>		
<p>bridgelux.</p> <p>LED VERO13</p> <p>FWHM 50.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 1.120 cd/lm</p> <p>Required components:</p> <p>C13709_PF-SOCKET-VERO13-18</p> <p>C12479_MIRELLA-DL</p>		

PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED Xenio Point 13mm</p> <p>FWHM 49.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 1.130 cd/lm</p> <p>Required components:</p> <p>C13709_PF-SOCKET-VERO13-18</p> <p>C13333_MIRELLA-CL</p>		
<p>bridgelux.</p> <p>LED Xenio Point 13mm</p> <p>FWHM 48.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 1.050 cd/lm</p> <p>Required components:</p> <p>C13709_PF-SOCKET-VERO13-18</p> <p>C12479_MIRELLA-DL</p>		
<p>bridgelux.</p> <p>LED Xenio Point 13mm</p> <p>FWHM 45.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 1.260 cd/lm</p> <p>Required components:</p> <p>C13709_PF-SOCKET-VERO13-18</p>		
<p>CITIZEN</p> <p>LED CLL01x</p> <p>FWHM 36.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 1.800 cd/lm</p> <p>Required components:</p> <p>C13083_PF-SOCKET</p>		

PHOTOMETRIC DATA (MEASURED):

CITIZEN

LED CLL01x
 FWHM 44.0°
 Efficiency 86 %
 Peak intensity 1.400 cd/lm
 Required components:
 C13083_PF-SOCKET
 C12479_MIRELLA-DL



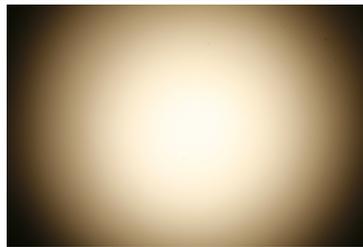
CITIZEN

LED CLL01x
 FWHM 42.0°
 Efficiency 86 %
 Peak intensity 1.400 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13333_MIRELLA-CL



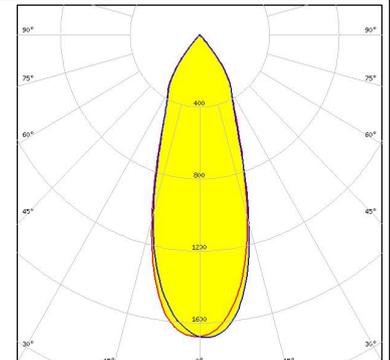
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM 46.0°
 Efficiency 86 %
 Peak intensity 1.500 cd/lm
 Required components:
 C13083_PF-SOCKET
 C12479_MIRELLA-DL



CITIZEN

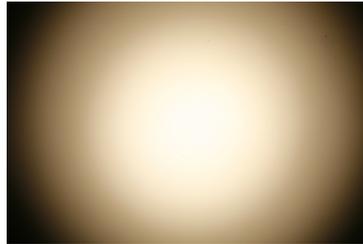
LED CLL02x/CLU02x (LES10)
 FWHM 36.0°
 Efficiency 84 %
 Peak intensity 1.700 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 Bender Wirth: 434 Typ L1



PHOTOMETRIC DATA (MEASURED):

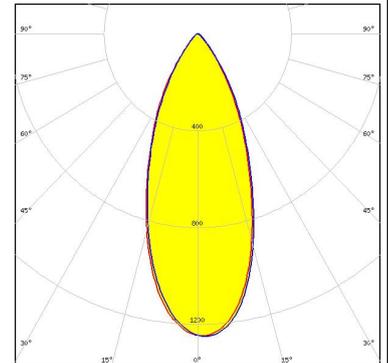
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM 46.0°
 Efficiency 86 %
 Peak intensity 1.500 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13333_MIRELLA-CL



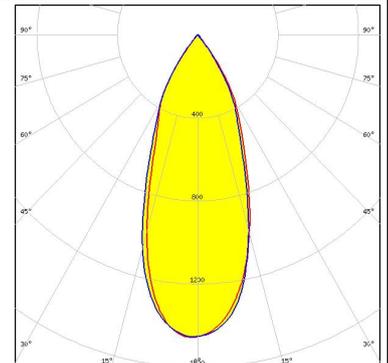
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM 41.0°
 Efficiency 76 %
 Peak intensity 1.300 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C12479_MIRELLA-DL
 Bender Wirth: 434 Typ L1



CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM 39.0°
 Efficiency 78 %
 Peak intensity 1.500 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C13333_MIRELLA-CL
 Bender Wirth: 434 Typ L1



CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM 41.0°
 Efficiency 90 %
 Peak intensity 1.800 cd/lm
 Required components:
 C13083_PF-SOCKET



PHOTOMETRIC DATA (MEASURED):

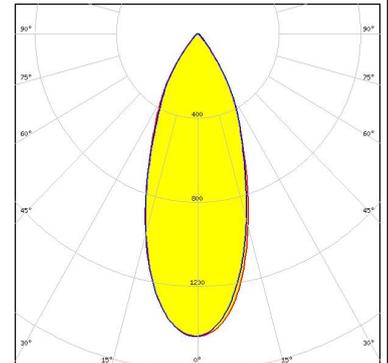
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM 46.0°
 Efficiency %
 Peak intensity 0.700 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13723_MIRELLA-RZL



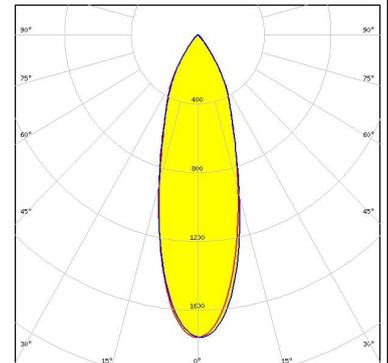
CITIZEN

LED CLU700/701
 FWHM 39.0°
 Efficiency 82 %
 Peak intensity 1.400 cd/lm
 Required components:
 C13083_PF-SOCKET
 C12479_MIRELLA-DL



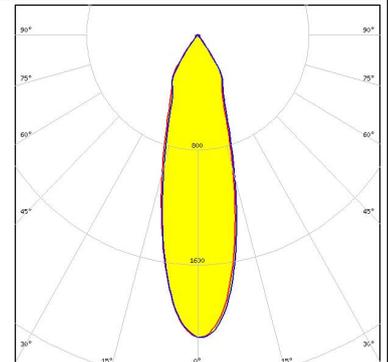
CITIZEN

LED CLU700/701
 FWHM 31.0°
 Efficiency 77 %
 Peak intensity 1.800 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C12479_MIRELLA-DL
 Bender Wirth: 434 Typ L1



CITIZEN

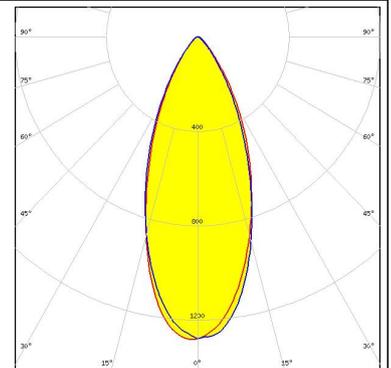
LED CLU700/701
 FWHM 29.0°
 Efficiency 80 %
 Peak intensity 2.100 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C13333_MIRELLA-CL
 Bender Wirth: 434 Typ L1



PHOTOMETRIC DATA (MEASURED):

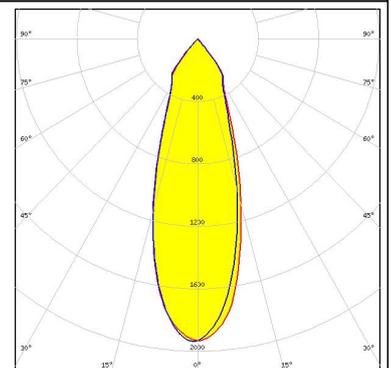
CITIZEN

LED CLU700/701
 FWHM 42.0°
 Efficiency 81 %
 Peak intensity 1.300 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13723_MIRELLA-RZL



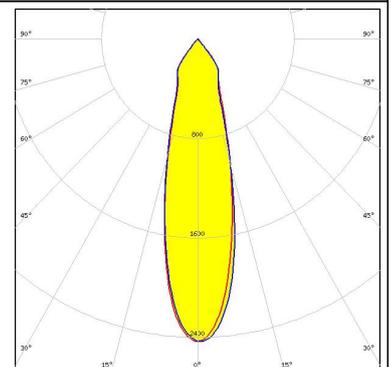
CITIZEN

LED CLU700/701
 FWHM 33.0°
 Efficiency 88 %
 Peak intensity 1.900 cd/lm
 Required components:
 C13083_PF-SOCKET



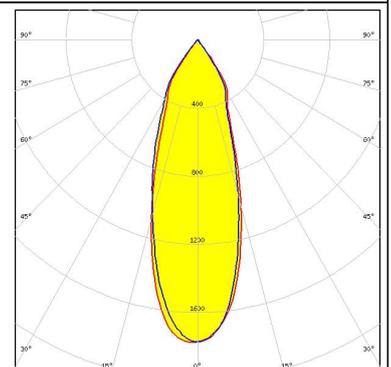
CITIZEN

LED CLU700/701
 FWHM 26.0°
 Efficiency 83 %
 Peak intensity 2.400 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 Bender Wirth: 434 Typ L1



CITIZEN

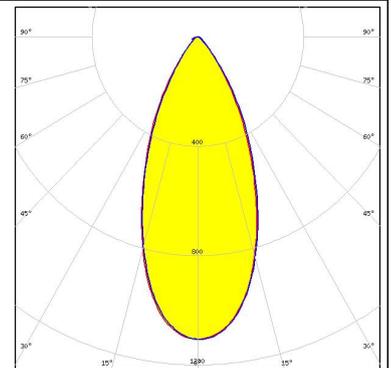
LED CLU700/701
 FWHM 34.0°
 Efficiency 81 %
 Peak intensity 1.800 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13333_MIRELLA-CL



PHOTOMETRIC DATA (MEASURED):

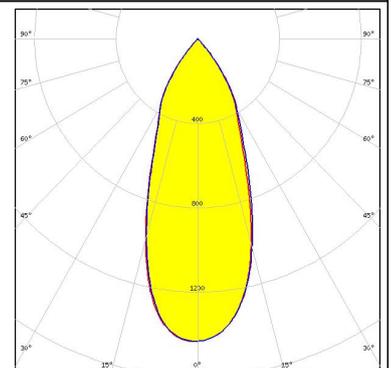
CITIZEN

LED CLU720/721
 FWHM 44.0°
 Efficiency 74 %
 Peak intensity 1.100 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C12479_MIRELLA-DL
 Bender Wirth: 433 Typ L1



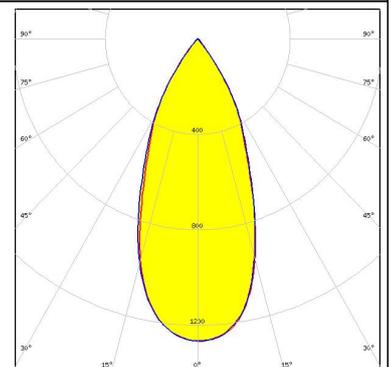
CITIZEN

LED CLU720/721
 FWHM 40.0°
 Efficiency 81 %
 Peak intensity 1.400 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 Bender Wirth: 433 Typ L1



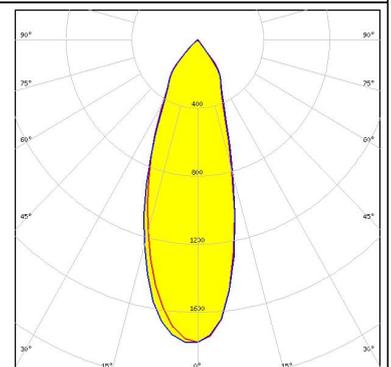
CITIZEN

LED CLU720/721
 FWHM 43.0°
 Efficiency 76 %
 Peak intensity 1.300 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C13333_MIRELLA-CL
 Bender Wirth: 433 Typ L1



CREE 

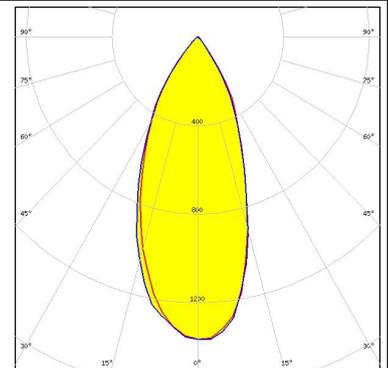
LED CXA/B 13xx
 FWHM 37.0°
 Efficiency 86 %
 Peak intensity 1.800 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15



PHOTOMETRIC DATA (MEASURED):



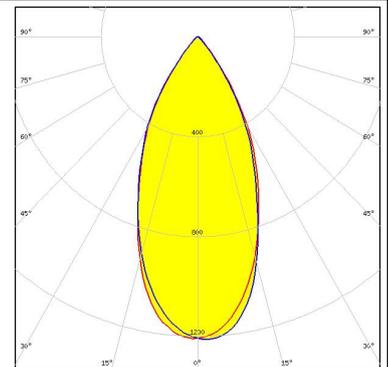
LED CXA/B 13xx
 FWHM 43.0°
 Efficiency 81 %
 Peak intensity 1.400 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 C12479_MIRELLA-DL



LED CXA/B 13xx
 FWHM 42.0°
 Efficiency 81 %
 Peak intensity 1.500 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 C13333_MIRELLA-CL



LED CXA/B 15xx
 FWHM 47.0°
 Efficiency 85 %
 Peak intensity 1.200 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 C12479_MIRELLA-DL



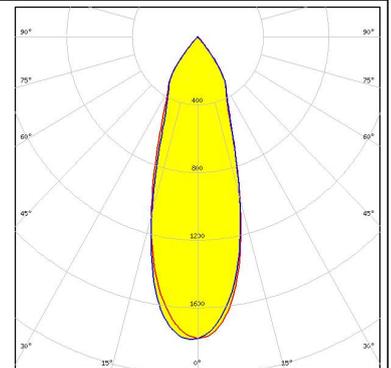
LED CXA/B 15xx
 FWHM 46.0°
 Efficiency 85 %
 Peak intensity 1.400 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 C13333_MIRELLA-CL



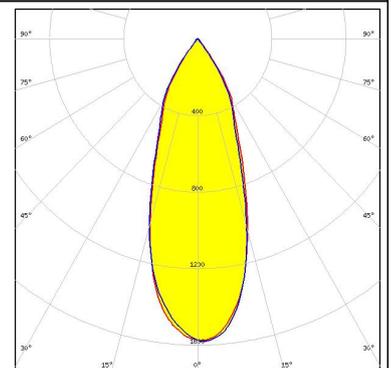
PHOTOMETRIC DATA (MEASURED):



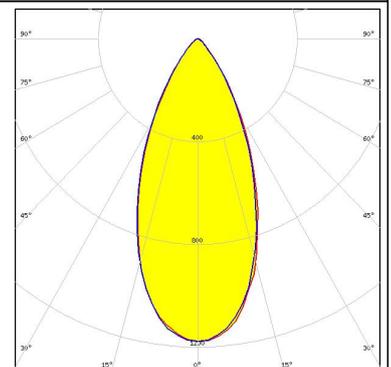
LED CXA/B 15xx
 FWHM 34.0°
 Efficiency 82 %
 Peak intensity 1.800 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 Bender Wirth: 441 Typ L1



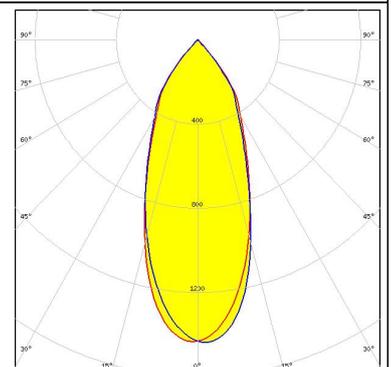
LED CXA/B 15xx
 FWHM 37.0°
 Efficiency 79 %
 Peak intensity 1.600 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C13333_MIRELLA-CL
 Bender Wirth: 441 Typ L1



LED CXA/B 15xx
 FWHM 47.0°
 Efficiency 81 %
 Peak intensity 1.200 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 C13723_MIRELLA-RZL



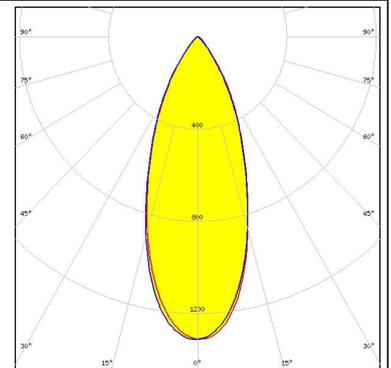
LED CXA/B 15xx
 FWHM 41.0°
 Efficiency 90 %
 Peak intensity 1.400 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15



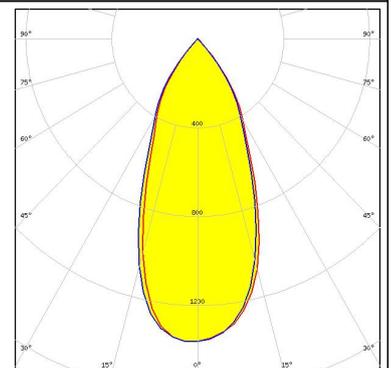
PHOTOMETRIC DATA (MEASURED):



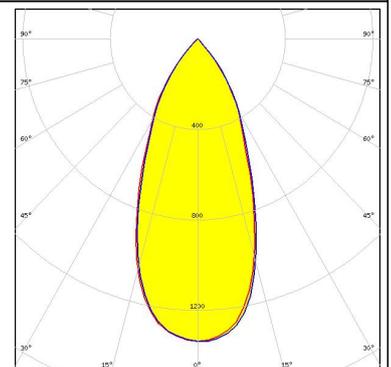
LED CXA/B 15xx
 FWHM 39.0°
 Efficiency 75 %
 Peak intensity 1.300 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C12479_MIRELLA-DL
 Bender Wirth: 441 Typ L1



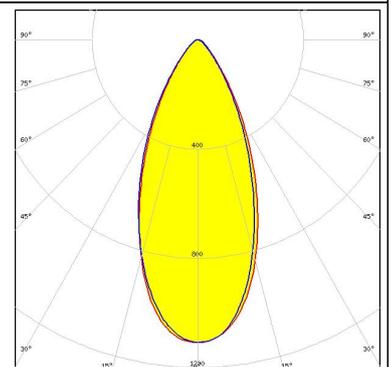
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM 43.0°
 Efficiency 87 %
 Peak intensity 1.370 cd/lm
 Required components:
 IDEAL: 50-2101CR + 50-2100MR



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM 45.0°
 Efficiency 84 %
 Peak intensity 1.300 cd/lm
 Required components:
 C14115_PF-SOCKET-CXA15-18



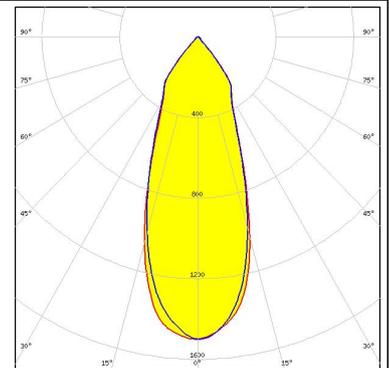
LED MHD-E/G
 FWHM 45.0°
 Efficiency 82 %
 Peak intensity 1.100 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13723_MIRELLA-RZL



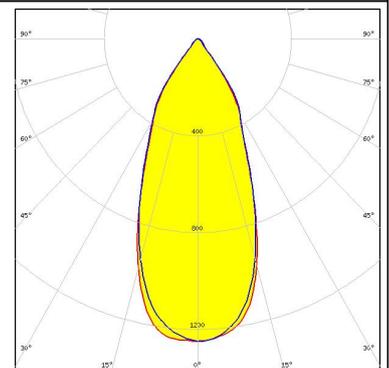
PHOTOMETRIC DATA (MEASURED):



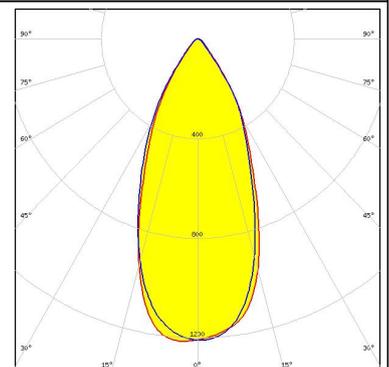
LED MHD-E/G
 FWHM 38.0°
 Efficiency 89 %
 Peak intensity 1.500 cd/lm
 Required components:
 C13083_PF-SOCKET



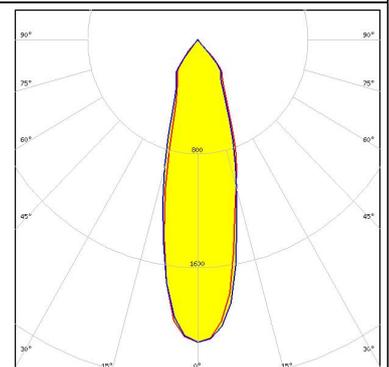
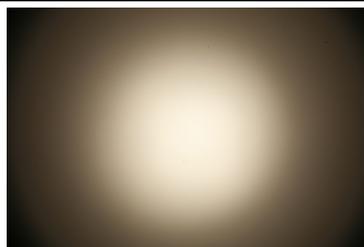
LED MHD-E/G
 FWHM 44.0°
 Efficiency 84 %
 Peak intensity 1.300 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13333_MIRELLA-CL



LED MHD-E/G
 FWHM 45.0°
 Efficiency 84 %
 Peak intensity 1.200 cd/lm
 Required components:
 C13083_PF-SOCKET
 C12479_MIRELLA-DL



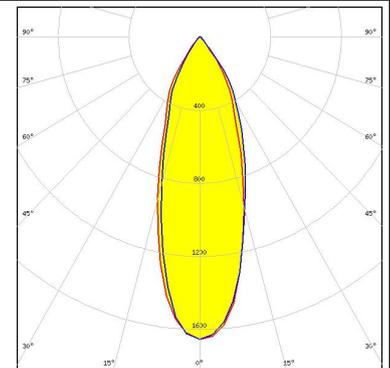
LED MK-R
 FWHM 30.0°
 Efficiency 85 %
 Peak intensity 2.100 cd/lm
 Required components:
 C13083_PF-SOCKET



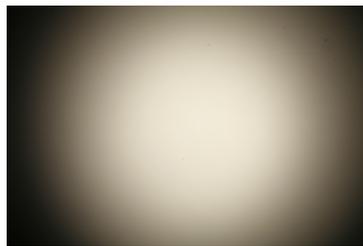
PHOTOMETRIC DATA (MEASURED):



LED MK-R
 FWHM 34.0°
 Efficiency 80 %
 Peak intensity 1.660 cd/lm
 Required components:
 C13083_PF-SOCKET
 C12479_MIRELLA-DL



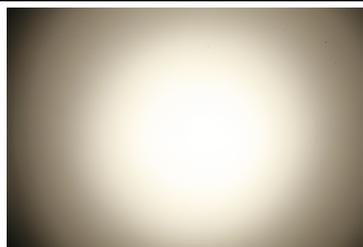
LED MT-G
 FWHM 52.0°
 Efficiency 86 %
 Peak intensity 1.200 cd/lm
 Required components:
 C13083_PF-SOCKET
 C12479_MIRELLA-DL



LED MT-G
 FWHM 52.0°
 Efficiency 86 %
 Peak intensity 1.200 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13333_MIRELLA-CL



LED MT-G
 FWHM 48.0°
 Efficiency 90 %
 Peak intensity 1.400 cd/lm
 Required components:
 C13083_PF-SOCKET



PHOTOMETRIC DATA (MEASURED):

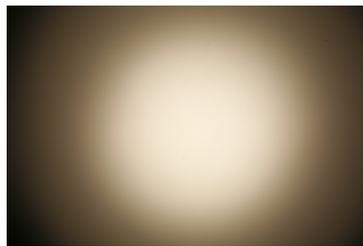
CREE

LED MT-G2
 FWHM 50.0°
 Efficiency 87 %
 Peak intensity 1.200 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13333_MIRELLA-CL



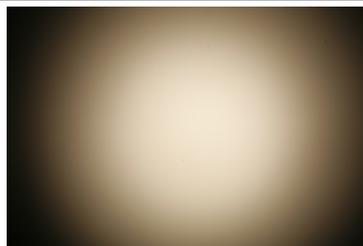
CREE

LED MT-G2
 FWHM 46.0°
 Efficiency 91 %
 Peak intensity 0.800 cd/lm
 Required components:
 C13083_PF-SOCKET



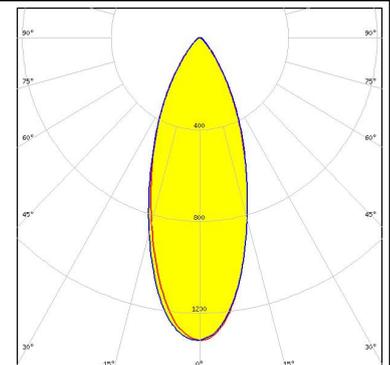
CREE

LED MT-G2
 FWHM 51.0°
 Efficiency 87 %
 Peak intensity 1.200 cd/lm
 Required components:
 C13083_PF-SOCKET
 C12479_MIRELLA-DL



CREE

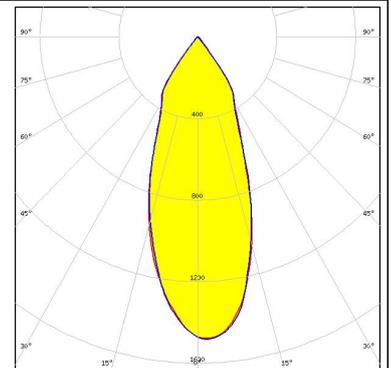
LED XHP50
 FWHM 38.0°
 Efficiency 80 %
 Peak intensity 1.300 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13723_MIRELLA-RZL



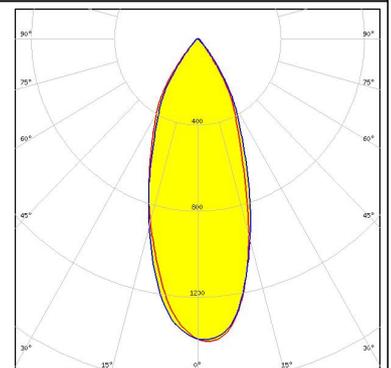
PHOTOMETRIC DATA (MEASURED):



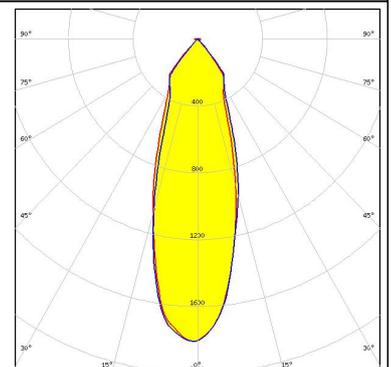
LED XHP50
 FWHM 39.0°
 Efficiency 81 %
 Peak intensity 1.500 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13333_MIRELLA-CL



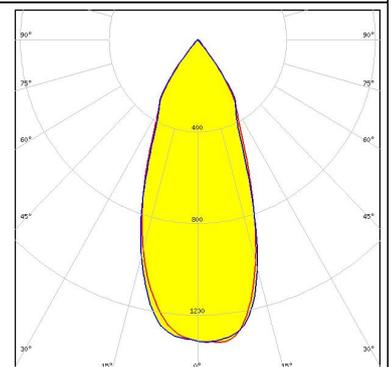
LED XHP50
 FWHM 39.0°
 Efficiency 82 %
 Peak intensity 1.400 cd/lm
 Required components:
 C13083_PF-SOCKET
 C12479_MIRELLA-DL



LED XHP50
 FWHM 33.0°
 Efficiency 87 %
 Peak intensity 1.800 cd/lm
 Required components:
 C13083_PF-SOCKET



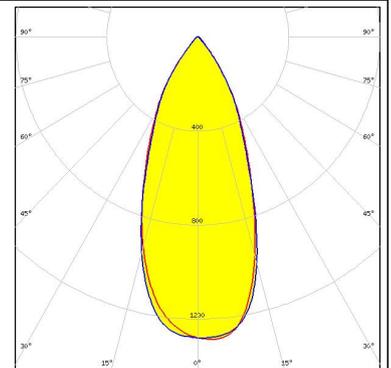
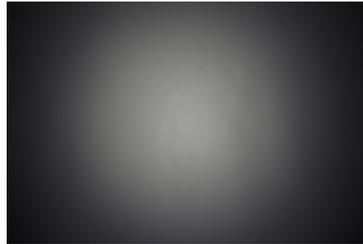
LED XHP70
 FWHM 42.0°
 Efficiency 81 %
 Peak intensity 1.300 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13333_MIRELLA-CL



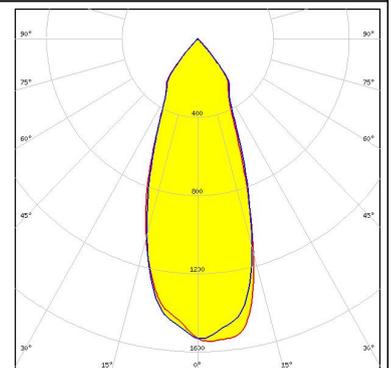
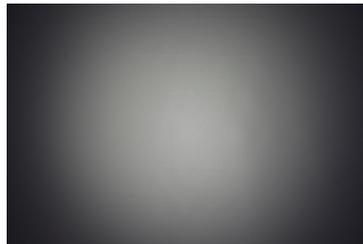
PHOTOMETRIC DATA (MEASURED):



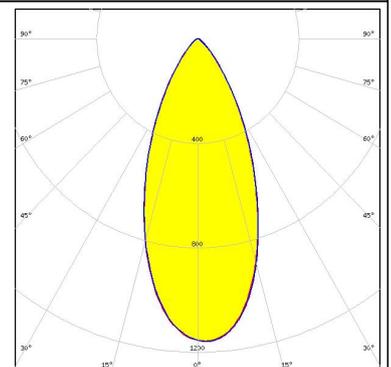
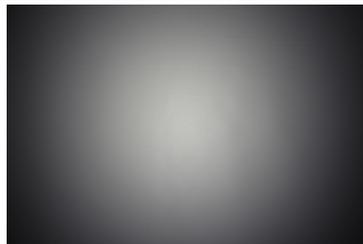
LED XHP70
 FWHM 43.0°
 Efficiency 81 %
 Peak intensity 1.300 cd/lm
 Required components:
 C13083_PF-SOCKET
 C12479_MIRELLA-DL



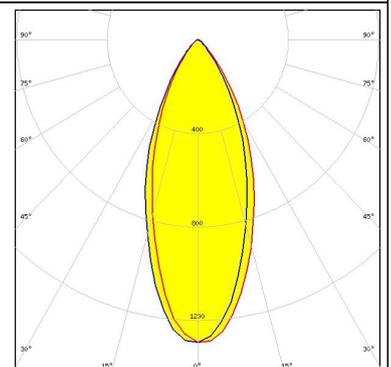
LED XHP70
 FWHM 39.0°
 Efficiency 86 %
 Peak intensity 1.500 cd/lm
 Required components:
 C13083_PF-SOCKET



LED XHP70
 FWHM 44.0°
 Efficiency 79 %
 Peak intensity 1.200 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13723_MIRELLA-RZL



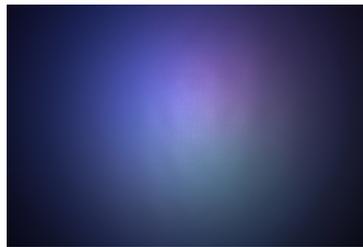
LED XM-L RGB
 FWHM 41.0°
 Efficiency 80 %
 Peak intensity 1.300 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13723_MIRELLA-RZL



PHOTOMETRIC DATA (MEASURED):



LED XQ-E HI RGBW
FWHM 42.0°
Efficiency 87 %
Peak intensity 1.380 cd/lm
Required components:
C13083_PF-SOCKET
C13723_MIRELLA-RZL



LED COB 4W
FWHM 38.0°
Efficiency 89 %
Peak intensity 1.700 cd/lm
Required components:
C13083_PF-SOCKET



LED COB 4W
FWHM 44.0°
Efficiency 83 %
Peak intensity 1.400 cd/lm
Required components:
C13083_PF-SOCKET
C12479_MIRELLA-DL



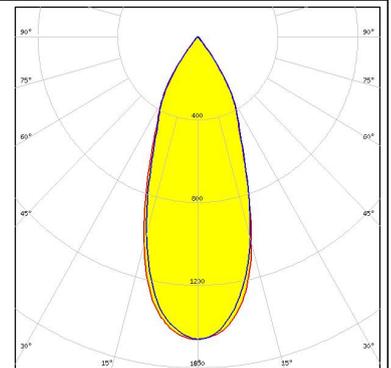
LED COB 4W
FWHM 40.0°
Efficiency 83 %
Peak intensity 1.600 cd/lm
Required components:
C13083_PF-SOCKET
C13333_MIRELLA-CL



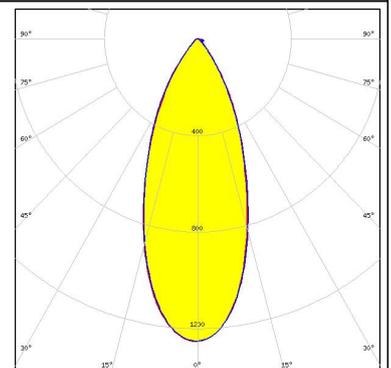
PHOTOMETRIC DATA (MEASURED):



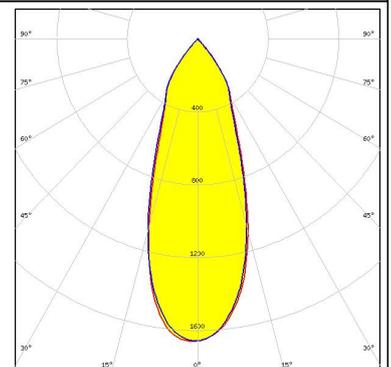
LED LUXEON CoB 1202/1203
FWHM 39.0°
Efficiency 80 %
Peak intensity 1.500 cd/lm
Required components:
C13333_MIRELLA-CL
IDEAL: 50-2100NC +50-2100MR



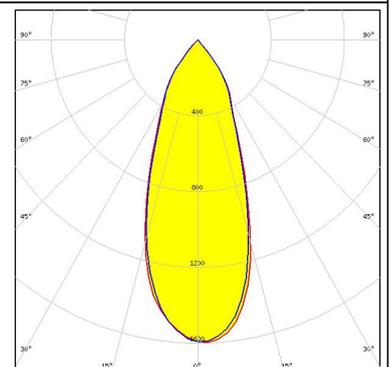
LED LUXEON CoB 1202/1203
FWHM 40.0°
Efficiency 75 %
Peak intensity 1.300 cd/lm
Required components:
C13709_PF-SOCKET-VERO13-18
C12479_MIRELLA-DL
Bender Wirth: 438 Typ L1



LED LUXEON CoB 1202/1203
FWHM 37.0°
Efficiency 87 %
Peak intensity 1.700 cd/lm
Required components:
IDEAL: 50-2100NC +50-2100MR



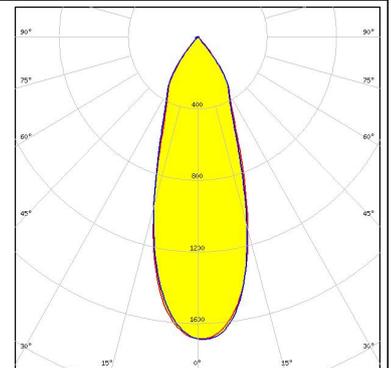
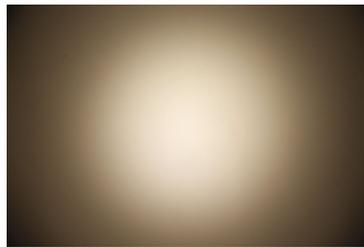
LED LUXEON CoB 1202/1203
FWHM 39.0°
Efficiency 86 %
Peak intensity 1.600 cd/lm
Required components:
C14037_PF-NSX-SOCKET



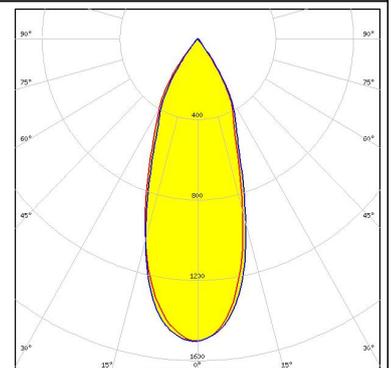
PHOTOMETRIC DATA (MEASURED):



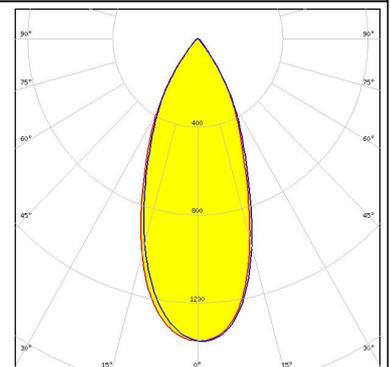
LED LUXEON CoB 1202/1203
 FWHM 35.0°
 Efficiency 83 %
 Peak intensity 1.700 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 Bender Wirth: 438 Typ L1



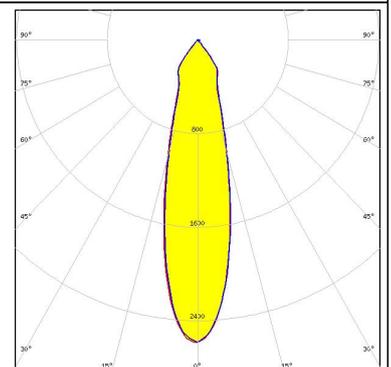
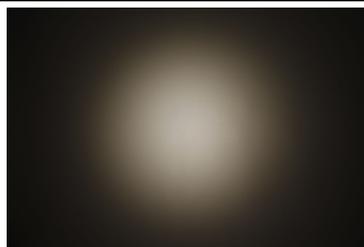
LED LUXEON CoB 1202/1203
 FWHM 37.0°
 Efficiency 77 %
 Peak intensity 1.500 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C13333_MIRELLA-CL
 Bender Wirth: 438 Typ L1



LED LUXEON CoB 1202/1203
 FWHM 41.0°
 Efficiency 81 %
 Peak intensity 1.400 cd/lm
 Required components:
 C12479_MIRELLA-DL
 IDEAL: 50-2100NC +50-2100MR



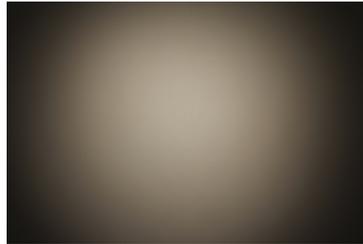
LED LUXEON CoB 1202s
 FWHM 25.0°
 Efficiency 85 %
 Peak intensity 2.600 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 Bender Wirth: 452 Typ L1



PHOTOMETRIC DATA (MEASURED):

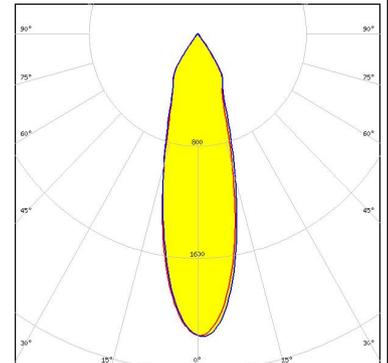
LUMILEDS

LED LUXEON CoB 1202s
 FWHM 41.0°
 Efficiency 82 %
 Peak intensity 1.500 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 C13333_MIRELLA-CL



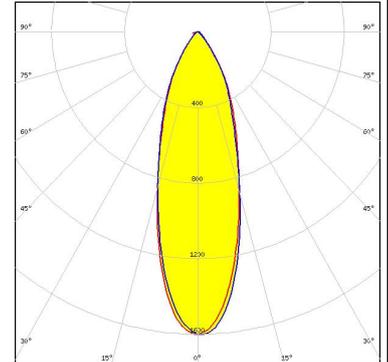
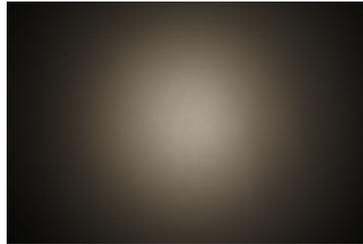
LUMILEDS

LED LUXEON CoB 1202s
 FWHM 28.0°
 Efficiency 81 %
 Peak intensity 2.200 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C13333_MIRELLA-CL
 Bender Wirth: 452 Typ L1



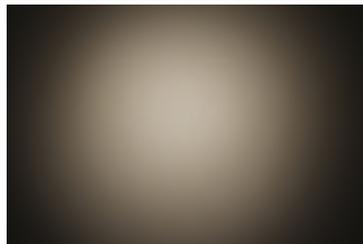
LUMILEDS

LED LUXEON CoB 1202s
 FWHM 32.0°
 Efficiency 77 %
 Peak intensity 1.600 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C12479_MIRELLA-DL
 Bender Wirth: 452 Typ L1

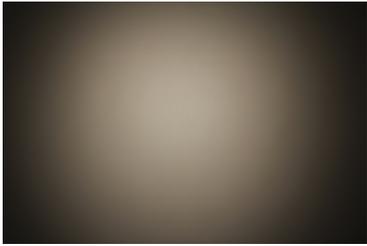
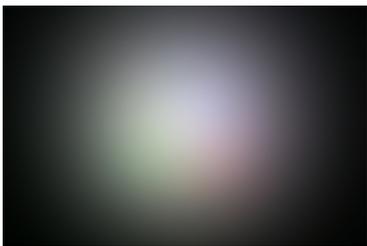
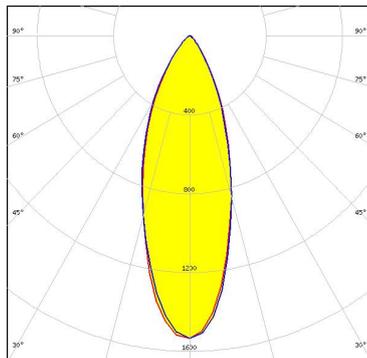
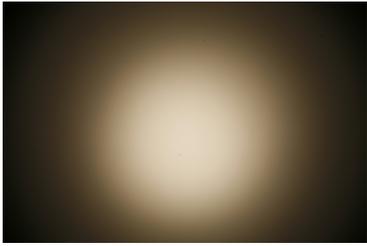
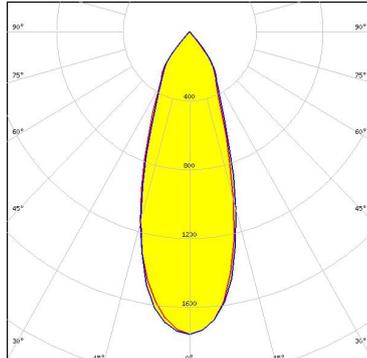


LUMILEDS

LED LUXEON CoB 1202s
 FWHM 35.0°
 Efficiency 88 %
 Peak intensity 1.900 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15



PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON CoB 1202s</p> <p>FWHM 40.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 1.500 cd/lm</p> <p>Required components: C13761_PF-SOCKET-CXA15 C12479_MIRELLA-DL</p>		
<p>LUMILEDS</p> <p>LED LUXEON Z RGB</p> <p>FWHM 36.0°</p> <p>Efficiency 79 %</p> <p>Peak intensity 1.500 cd/lm</p> <p>Required components: C13083_PF-SOCKET C13723_MIRELLA-RZL</p>		
<p>LUMINUS</p> <p>LED CXM-6</p> <p>FWHM 36.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 1.800 cd/lm</p> <p>Required components: C13083_PF-SOCKET</p>		
<p>LUMINUS</p> <p>LED CXM-7</p> <p>FWHM 38.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 1.600 cd/lm</p> <p>Required components: C13083_PF-SOCKET</p>		