

MIRELLA-50-M-PF

~30° medium beam

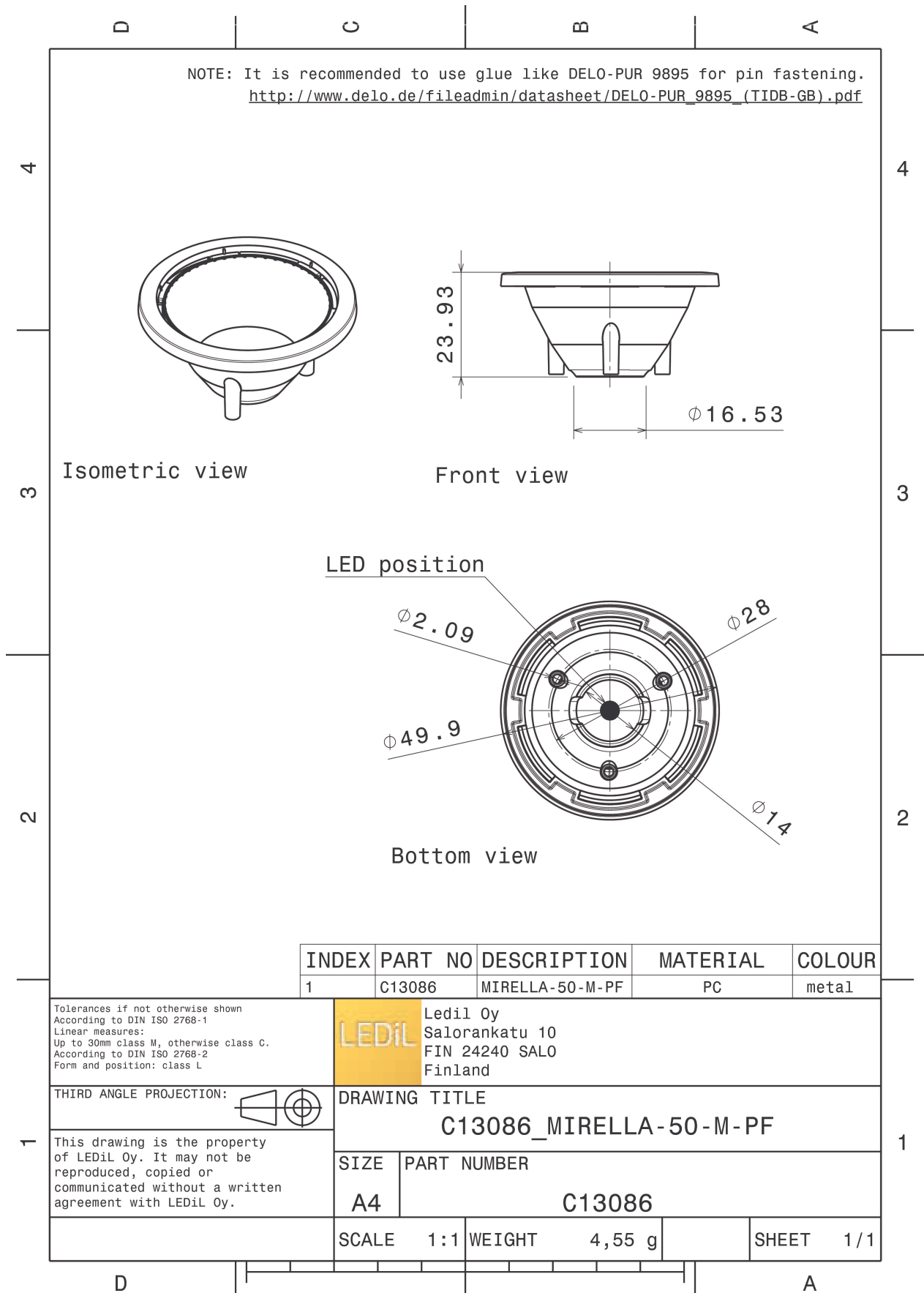
TECHNICAL SPECIFICATIONS:

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 ⓘ

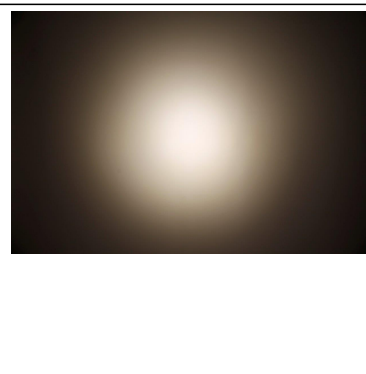
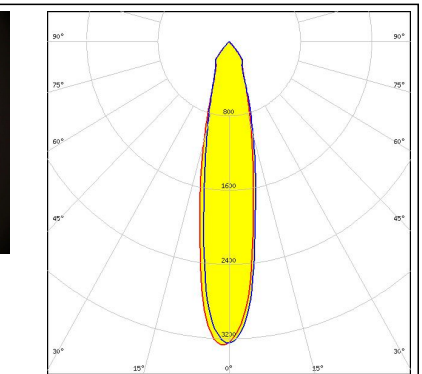
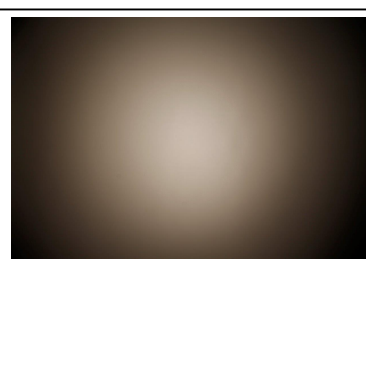
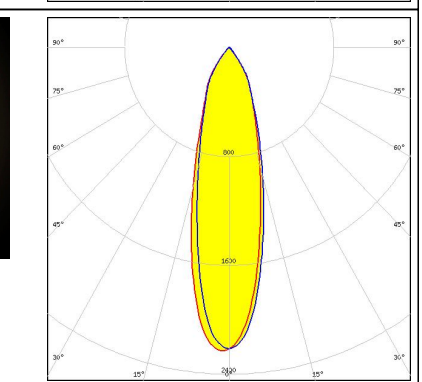
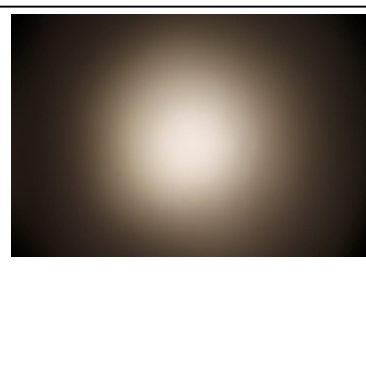
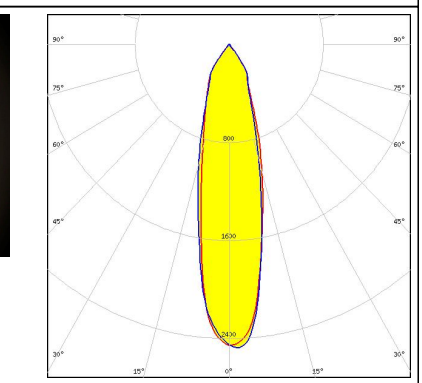




MATERIAL SPECIFICATIONS:


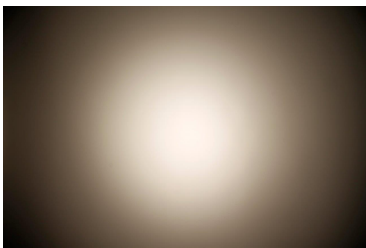
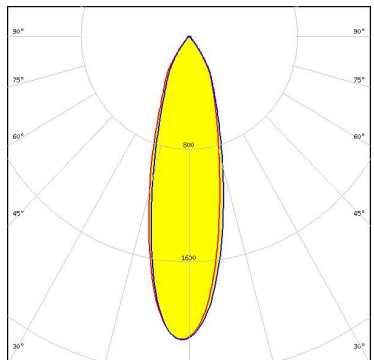
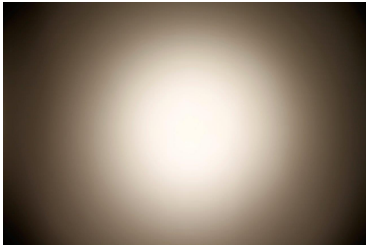
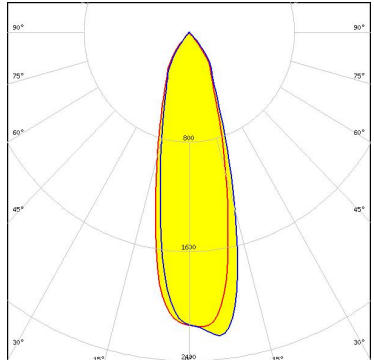
Component	Type	Material	Colour	Coating
MIRELLA-50-M-PF	Reflector	PC	metal	lacquer



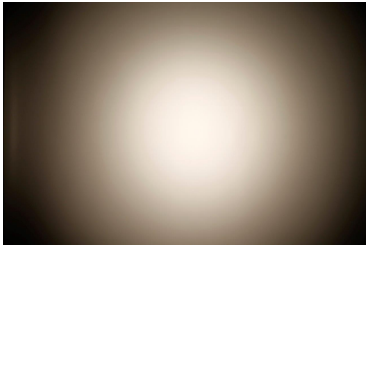
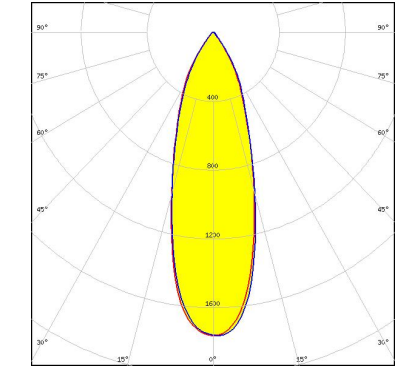

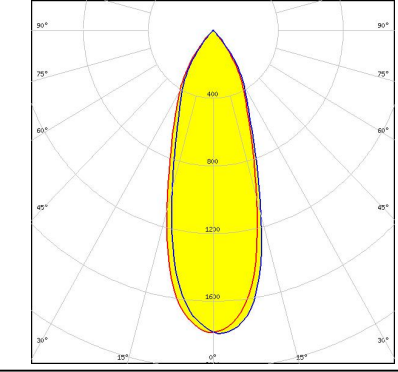

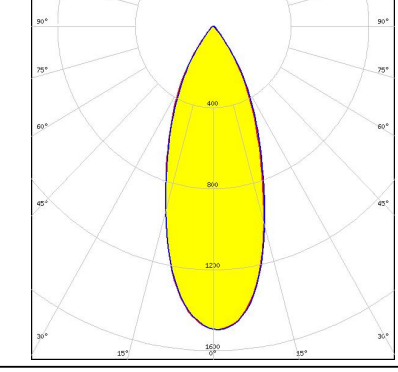
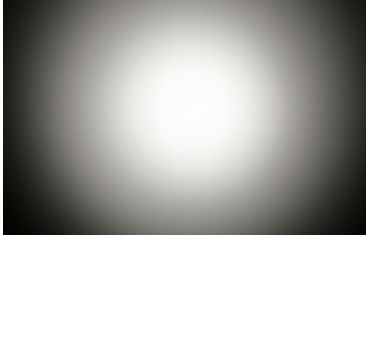
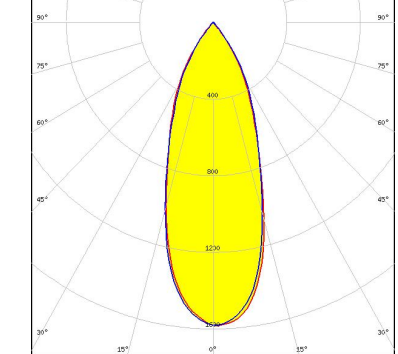
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V6 Gen6</p> <p>FWHM 21.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 3.300 cd/lm</p> <p>Required components: C13761_PF-SOCKET-CXA15</p>		
<p>bridgelux.</p> <p>LED V6 Gen6</p> <p>FWHM 27.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 2.200 cd/lm</p> <p>Required components: C13761_PF-SOCKET-CXA15 C12479_MIRELLA-DL</p>		
<p>bridgelux.</p> <p>LED V6 Gen6</p> <p>FWHM 25.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 2.300 cd/lm</p> <p>Required components: C13761_PF-SOCKET-CXA15 C13333_MIRELLA-CL</p>		
<p>bridgelux.</p> <p>LED V6 Gen6</p> <p>FWHM 21.0°</p> <p>Efficiency 75 %</p> <p>Peak intensity 3.200 cd/lm</p> <p>Required components: C13709_PF-SOCKET-VERO13-18 C12479_MIRELLA-DL Bender Wirth: 460 Typ L1</p>		


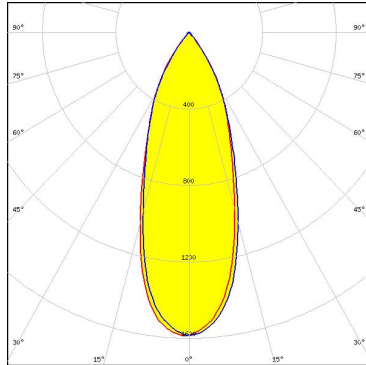

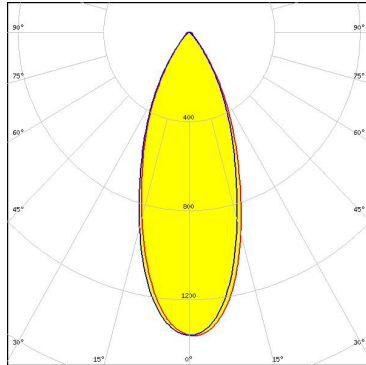
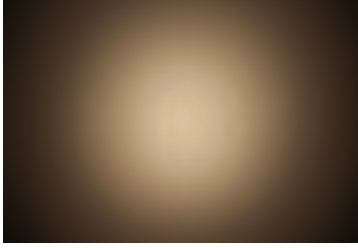
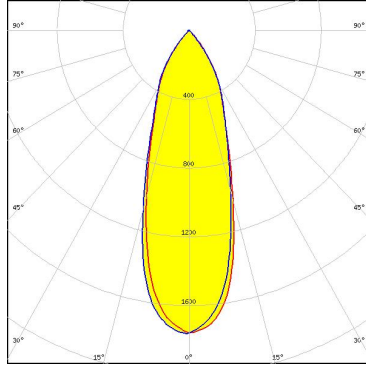


PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V8 Gen6 FWHM 26.0° Efficiency 71 % Peak intensity 2.600 cd/lm Required components: C13709_PF-SOCKET-VERO13-18 C12479_MIRELLA-DL Bender Wirth: 460 Typ L1</p>		
<p>bridgelux.</p> <p>LED V8 Gen6 FWHM 28.0° Efficiency 83 % Peak intensity 2.200 cd/lm Required components: C13761_PF-SOCKET-CXA15 C12479_MIRELLA-DL</p>		
<p>bridgelux.</p> <p>LED VERO10 FWHM 28.0° Efficiency 85 % Peak intensity 2.200 cd/lm Required components: C13708_PF-SOCKET-VERO10</p>		
<p>bridgelux.</p> <p>LED VERO10 FWHM 32.0° Efficiency 80 % Peak intensity 1.800 cd/lm Required components: C13708_PF-SOCKET-VERO10 C13333_MIRELLA-CL</p>		

PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED VERO10</p> <p>FWHM 32.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 1.800 cd/lm</p> <p>Required components:</p> <p>C13708_PF-SOCKET-VERO10</p> <p>C12479_MIRELLA-DL</p>		
<p>bridgelux.</p> <p>LED VERO13</p> <p>FWHM 34.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 1.800 cd/lm</p> <p>Required components:</p> <p>C13709_PF-SOCKET-VERO13-18</p>		
<p>bridgelux.</p> <p>LED VERO13</p> <p>FWHM 38.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 1.500 cd/lm</p> <p>Required components:</p> <p>C13709_PF-SOCKET-VERO13-18</p> <p>C12479_MIRELLA-DL</p>		
<p>bridgelux.</p> <p>LED VERO13</p> <p>FWHM 37.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 1.590 cd/lm</p> <p>Required components:</p> <p>C13709_PF-SOCKET-VERO13-18</p> <p>C13333_MIRELLA-CL</p>		

PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED Xenio Point 13mm</p> <p>FWHM 36.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 1.590 cd/lm</p> <p>Required components:</p> <p>C13709_PF-SOCKET-VERO13-18</p> <p>C13333_MIRELLA-CL</p> <p>LEDiL: LEDiL</p>		
<p>bridgelux.</p> <p>LED Xenio Point 13mm</p> <p>FWHM 39.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 1.360 cd/lm</p> <p>Required components:</p> <p>C13709_PF-SOCKET-VERO13-18</p> <p>C12479_MIRELLA-DL</p> <p>LEDiL: LEDiL</p>		
<p>bridgelux.</p> <p>LED Xenio Point 13mm</p> <p>FWHM 34.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 1.760 cd/lm</p> <p>Required components:</p> <p>C13709_PF-SOCKET-VERO13-18</p> <p>LEDiL: LEDiL</p>		
<p>CITIZEN</p> <p>LED CLL01x</p> <p>FWHM 28.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 2.300 cd/lm</p> <p>Required components:</p> <p>C13083_PF-SOCKET</p> <p>C12479_MIRELLA-DL</p>		

PHOTOMETRIC DATA (MEASURED):

CITIZEN

LED CLL01x
FWHM 20.0°
Efficiency 90 %
Peak intensity 3.100 cd/lm
Required components:
C13083_PF-SOCKET



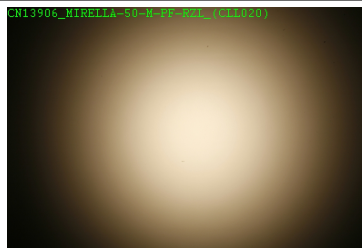
CITIZEN

LED CLL01x
FWHM 24.0°
Efficiency 86 %
Peak intensity 2.600 cd/lm
Required components:
C13083_PF-SOCKET
C13333_MIRELLA-CL



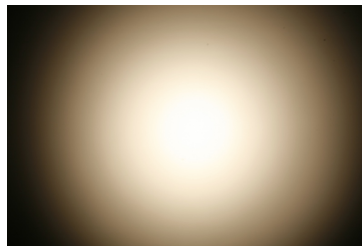
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 36.0°
Efficiency %
Peak intensity 1.000 cd/lm
Required components:
C13083_PF-SOCKET
C13723_MIRELLA-RZL



CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 31.0°
Efficiency 87 %
Peak intensity 2.300 cd/lm
Required components:
C13083_PF-SOCKET
C12479_MIRELLA-DL



PHOTOMETRIC DATA (MEASURED):

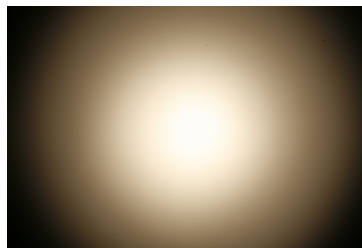
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM 26.0°
 Efficiency 91 %
 Peak intensity 3.000 cd/lm
 Required components:
 C13083_PF-SOCKET



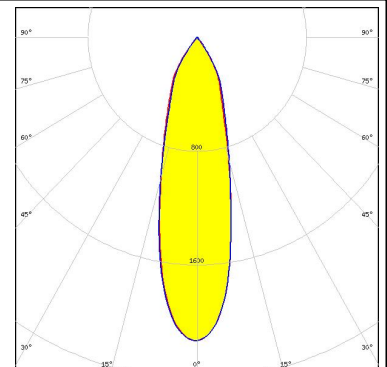
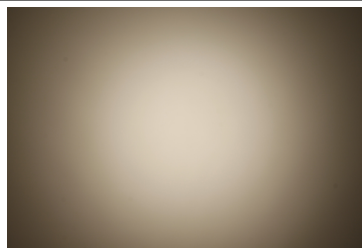
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM 30.0°
 Efficiency 87 %
 Peak intensity 2.500 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13333_MIRELLA-CL



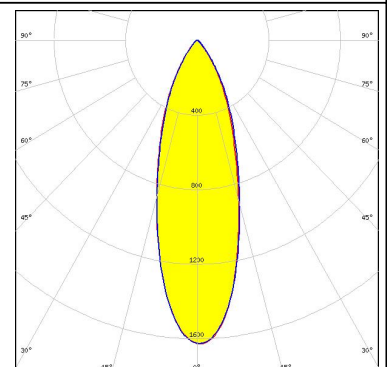
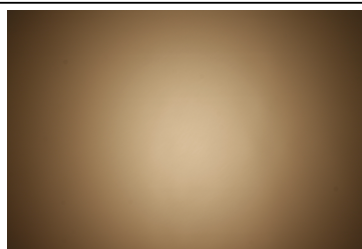
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM 28.0°
 Efficiency 79 %
 Peak intensity 2.100 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C13333_MIRELLA-CL
 Bender Wirth: 434 Typ L1



CITIZEN

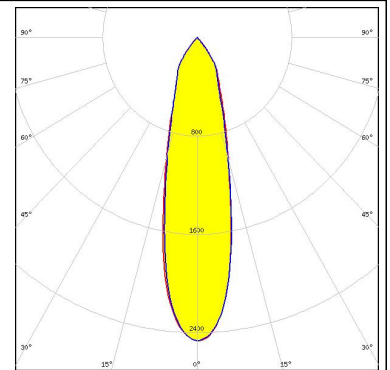
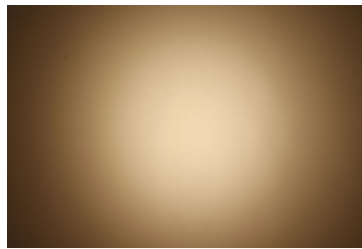
LED CLL02x/CLU02x (LES10)
 FWHM 33.0°
 Efficiency 76 %
 Peak intensity 1.600 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C12479_MIRELLA-DL
 Bender Wirth: 434 Typ L1



PHOTOMETRIC DATA (MEASURED):

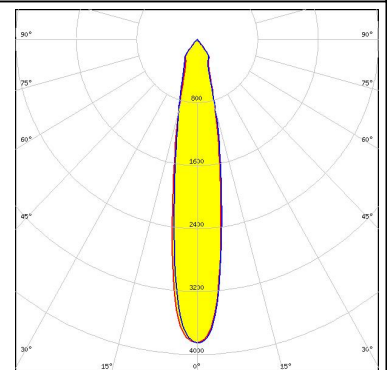
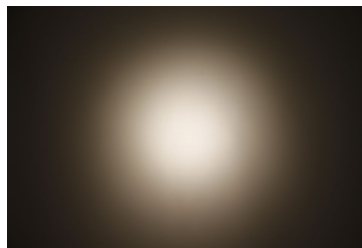
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM 26.0°
 Efficiency 84 %
 Peak intensity 2.500 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 Bender Wirth: 434 Typ L1



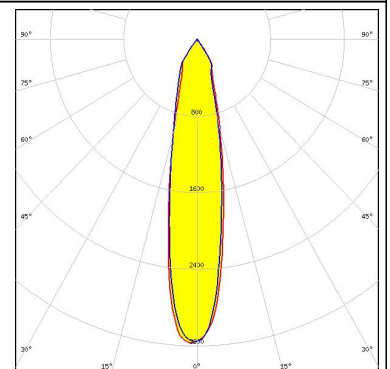
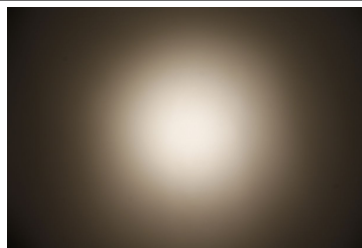
CITIZEN

LED CLU700/701
 FWHM 19.0°
 Efficiency 87 %
 Peak intensity 3.900 cd/lm
 Required components:
 C13083_PF-SOCKET



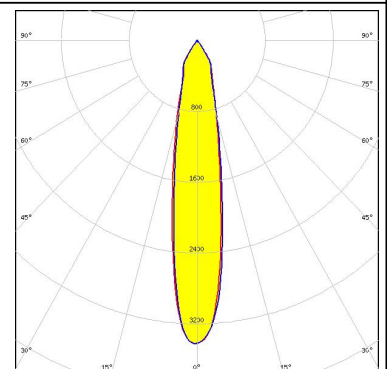
CITIZEN

LED CLU700/701
 FWHM 21.0°
 Efficiency 82 %
 Peak intensity 3.200 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13333_MIRELLA-CL



CITIZEN

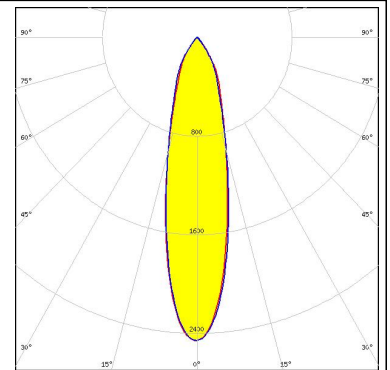
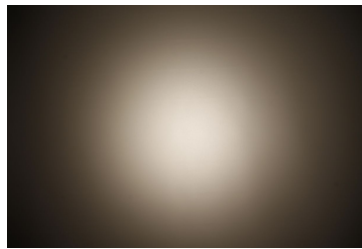
LED CLU700/701
 FWHM 19.0°
 Efficiency 78 %
 Peak intensity 4.800 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C13333_MIRELLA-CL
 Bender Wirth: 434 Typ L1



PHOTOMETRIC DATA (MEASURED):

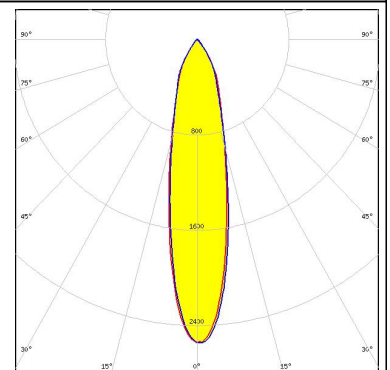
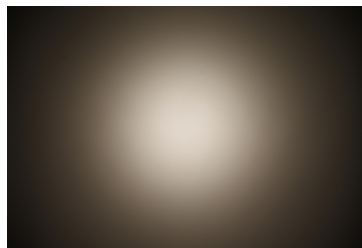
CITIZEN

LED CLU700/701
 FWHM 24.0°
 Efficiency 81 %
 Peak intensity 2.500 cd/lm
 Required components:
 C13083_PF-SOCKET
 C12479_MIRELLA-DL



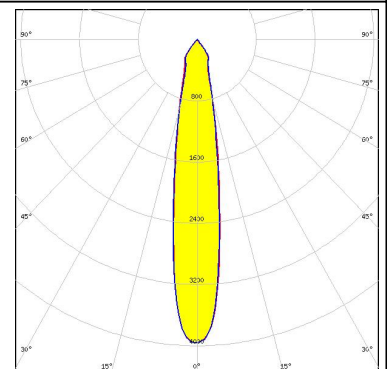
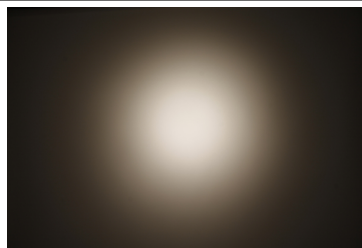
CITIZEN

LED CLU700/701
 FWHM 23.0°
 Efficiency 77 %
 Peak intensity 2.500 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C12479_MIRELLA-DL
 Bender Wirth: 434 Typ L1



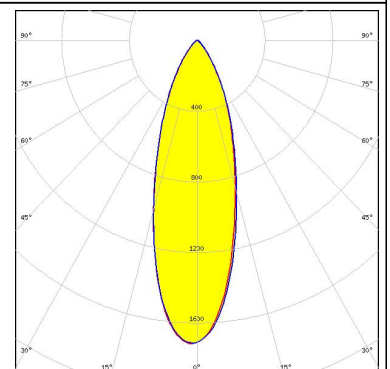
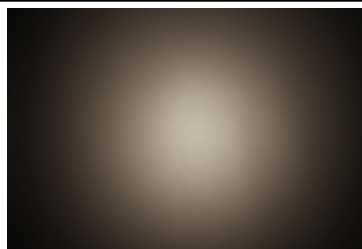
CITIZEN

LED CLU700/701
 FWHM 18.0°
 Efficiency 82 %
 Peak intensity 4.000 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 Bender Wirth: 434 Typ L1



CITIZEN

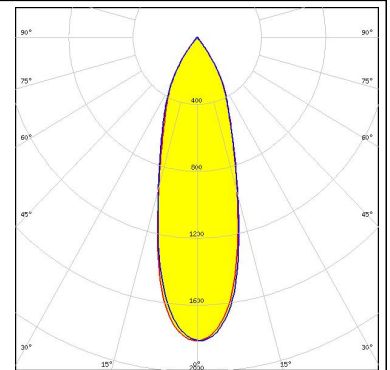
LED CLU700/701
 FWHM 32.0°
 Efficiency 81 %
 Peak intensity 1.700 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13723_MIRELLA-RZL



PHOTOMETRIC DATA (MEASURED):

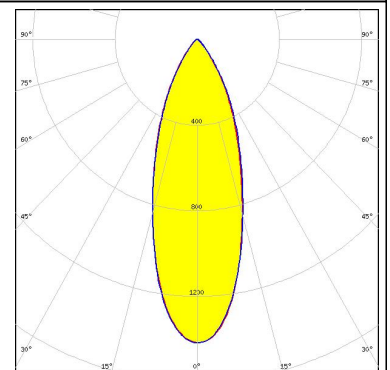
CITIZEN

LED CLU720/721
 FWHM 31.0°
 Efficiency 76 %
 Peak intensity 1.800 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C13333_MIRELLA-CL
 Bender Wirth: 433 Typ L1



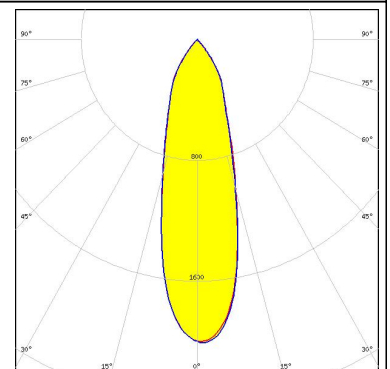
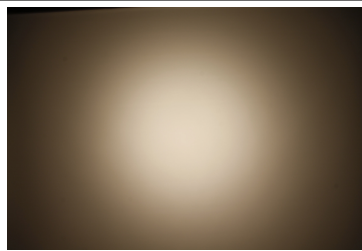
CITIZEN

LED CLU720/721
 FWHM 36.0°
 Efficiency 73 %
 Peak intensity 1.400 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C12479_MIRELLA-DL
 Bender Wirth: 433 Typ L1



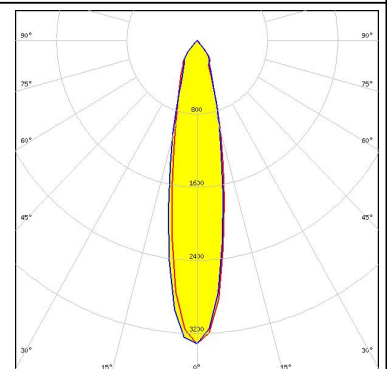
CITIZEN

LED CLU720/721
 FWHM 29.0°
 Efficiency 80 %
 Peak intensity 2.000 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 Bender Wirth: 433 Typ L1



CREE

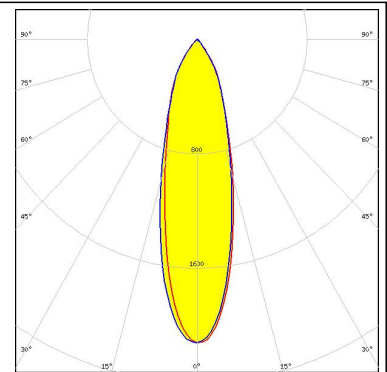
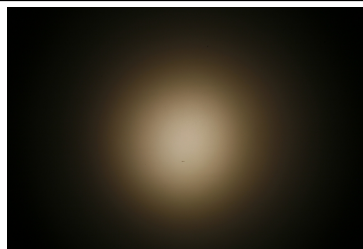
LED CXA/B 13xx
 FWHM 20.0°
 Efficiency 85 %
 Peak intensity 3.700 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15



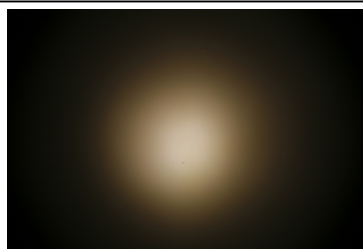
PHOTOMETRIC DATA (MEASURED):



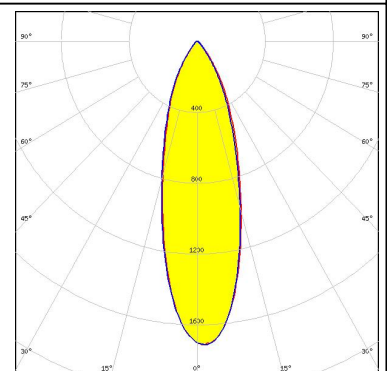
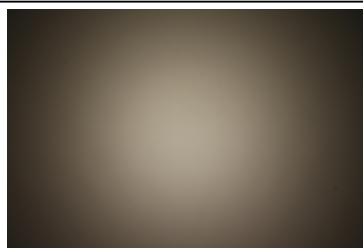
LED CXA/B 13xx
 FWHM 26.0°
 Efficiency 80 %
 Peak intensity 2.400 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 C12479_MIRELLA-DL



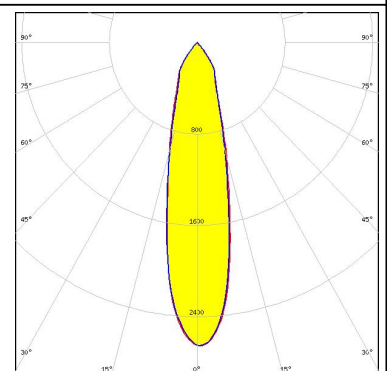
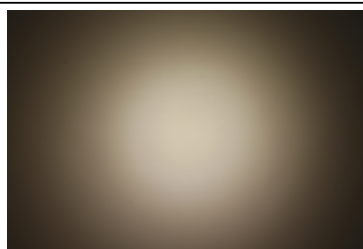
LED CXA/B 13xx
 FWHM 23.0°
 Efficiency 81 %
 Peak intensity 2.900 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 C13333_MIRELLA-CL



LED CXA/B 15xx
 FWHM 31.0°
 Efficiency 75 %
 Peak intensity 1.700 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C12479_MIRELLA-DL
 Bender Wirth: 441 Typ L1



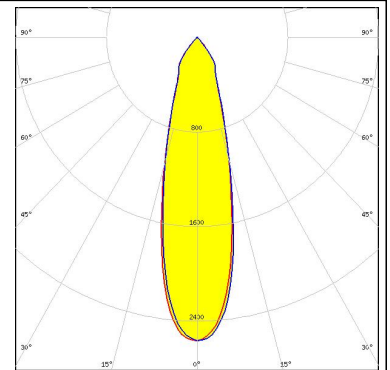
LED CXA/B 15xx
 FWHM 24.0°
 Efficiency 83 %
 Peak intensity 2.660 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 Bender Wirth: 441 Typ L1



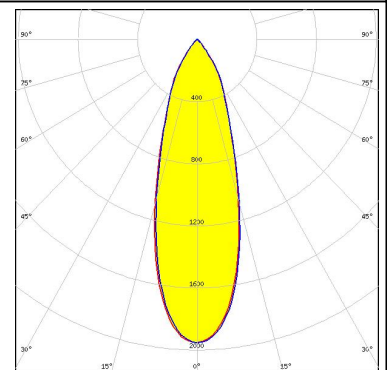
PHOTOMETRIC DATA (MEASURED):



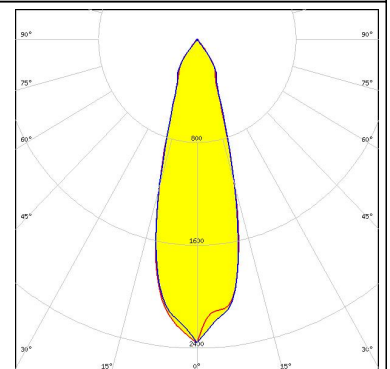
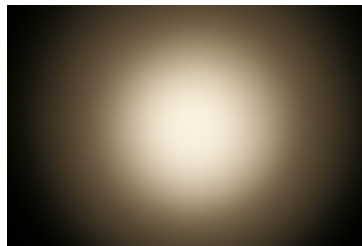
LED CXA/B 15xx
 FWHM 27.0°
 Efficiency 91 %
 Peak intensity 2.600 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15



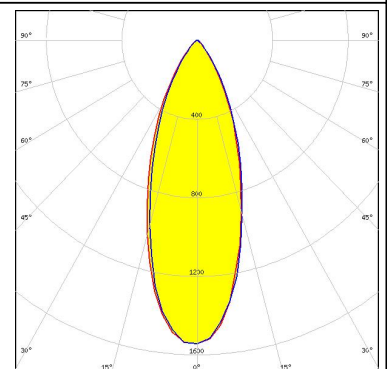
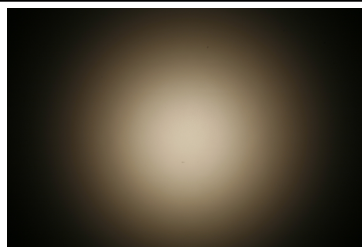
LED CXA/B 15xx
 FWHM 32.0°
 Efficiency 86 %
 Peak intensity 2.000 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 C12479_MIRELLA-DL



LED CXA/B 15xx
 FWHM 30.0°
 Efficiency 83 %
 Peak intensity 2.400 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 C13333_MIRELLA-CL



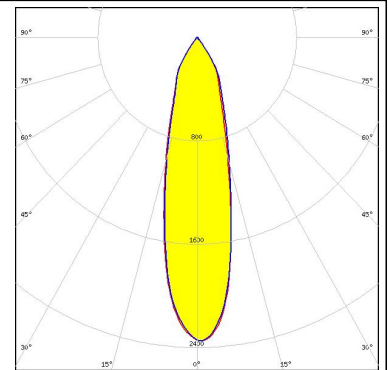
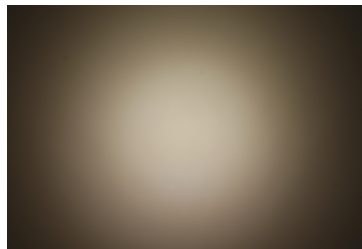
LED CXA/B 15xx
 FWHM 38.0°
 Efficiency 81 %
 Peak intensity 1.500 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 C13723_MIRELLA-RZL



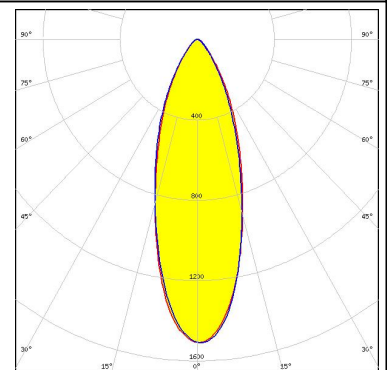
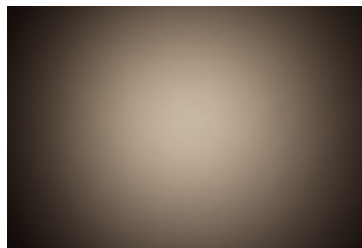
PHOTOMETRIC DATA (MEASURED):



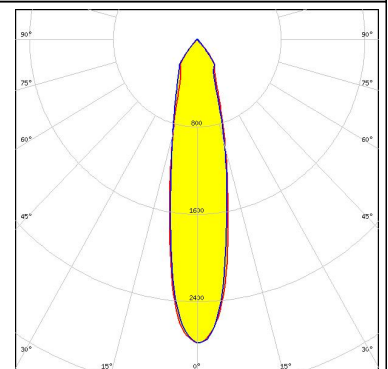
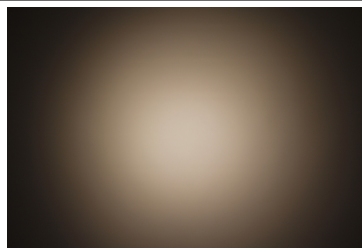
LED CXA/B 15xx
 FWHM 26.0°
 Efficiency 78 %
 Peak intensity 2.300 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C13333_MIRELLA-CL
 Bender Wirth: 441 Typ L1



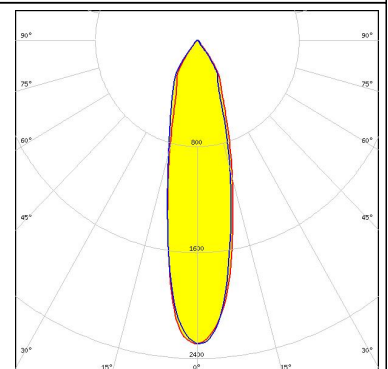
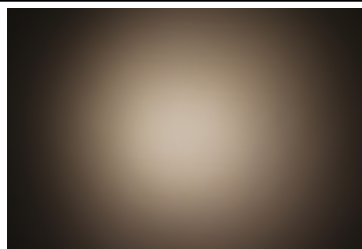
LED MHD-E/G
 FWHM 35.0 + 53.0°
 Efficiency 83 %
 Peak intensity 1.500 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13723_MIRELLA-RZL



LED MHD-E/G
 FWHM 23.0°
 Efficiency 91 %
 Peak intensity 2.800 cd/lm
 Required components:
 C13083_PF-SOCKET



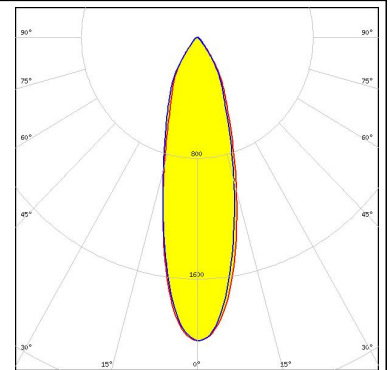
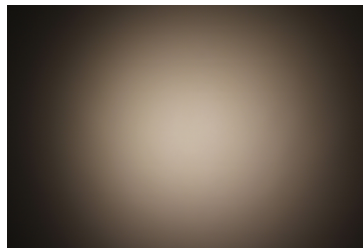
LED MHD-E/G
 FWHM 25.0°
 Efficiency 85 %
 Peak intensity 2.300 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13333_MIRELLA-CL



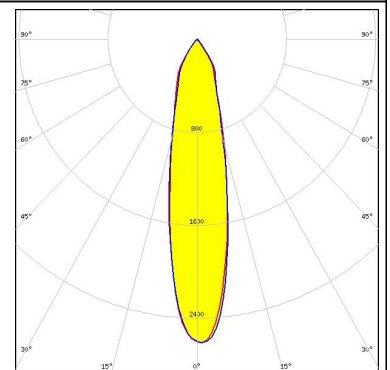
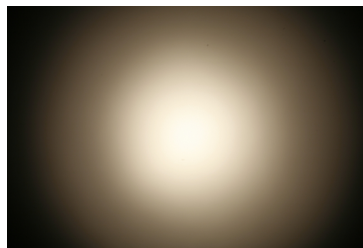
PHOTOMETRIC DATA (MEASURED):



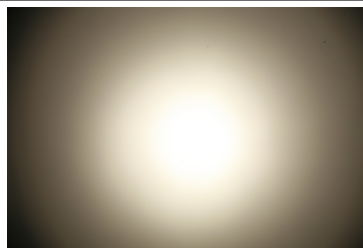
LED MHD-E/G
FWHM 29.0°
Efficiency 86 %
Peak intensity 2.000 cd/lm
Required components:
C13083_PF-SOCKET
C12479_MIRELLA-DL



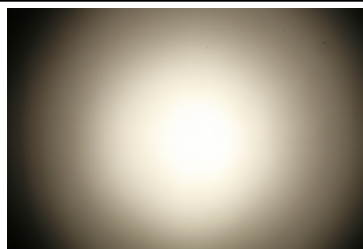
LED MK-R
FWHM 23.0°
Efficiency 80 %
Peak intensity 2.600 cd/lm
Required components:
C13083_PF-SOCKET
C12479_MIRELLA-DL



LED MT-G
FWHM 28.0°
Efficiency 91 %
Peak intensity 2.600 cd/lm
Required components:
C13083_PF-SOCKET



LED MT-G
FWHM 34.0°
Efficiency 86 %
Peak intensity 2.000 cd/lm
Required components:
C13083_PF-SOCKET
C13333_MIRELLA-CL



PHOTOMETRIC DATA (MEASURED):

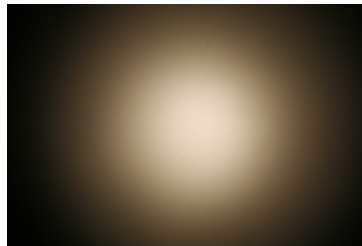
CREE

LED MT-G
FWHM 36.0°
Efficiency 87 %
Peak intensity 1.900 cd/lm
Required components:
C13083_PF-SOCKET
C12479_MIRELLA-DL



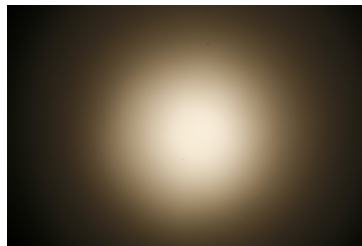
CREE

LED MT-G2
FWHM 32.0°
Efficiency 86 %
Peak intensity 2.000 cd/lm
Required components:
C13083_PF-SOCKET
C12479_MIRELLA-DL



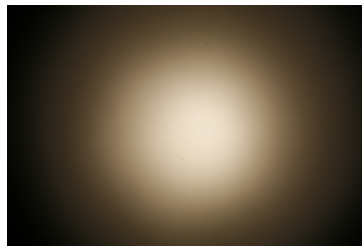
CREE

LED MT-G2
FWHM 25.0°
Efficiency 90 %
Peak intensity 2.600 cd/lm
Required components:
C13083_PF-SOCKET



CREE

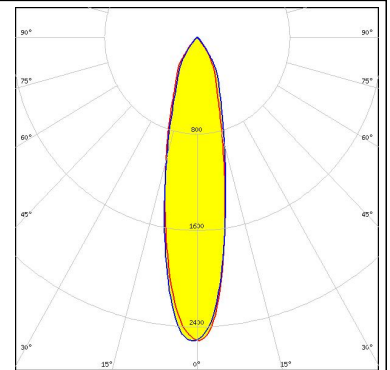
LED MT-G2
FWHM 30.0°
Efficiency 87 %
Peak intensity 2.100 cd/lm
Required components:
C13083_PF-SOCKET
C13333_MIRELLA-CL



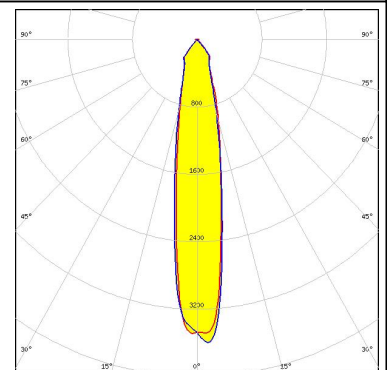
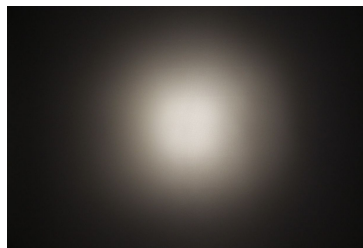
PHOTOMETRIC DATA (MEASURED):



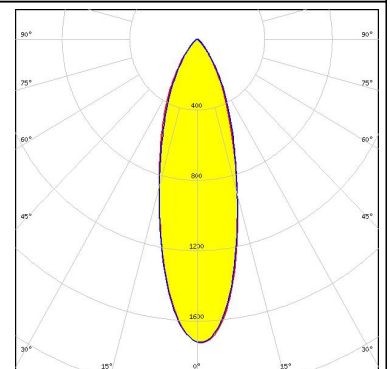
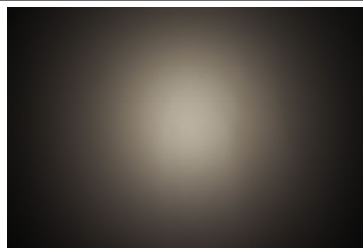
LED XHP50
 FWHM 24.0°
 Efficiency 84 %
 Peak intensity 2.500 cd/lm
 Required components:
 C13083_PF-SOCKET
 C12479_MIRELLA-DL



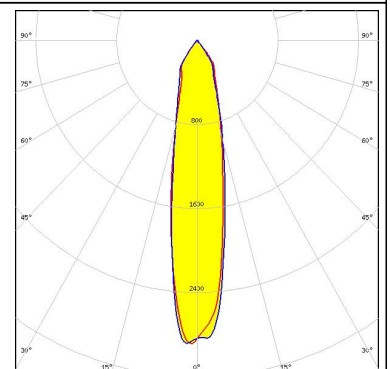
LED XHP50
 FWHM 18.0°
 Efficiency 88 %
 Peak intensity 3.600 cd/lm
 Required components:
 C13083_PF-SOCKET



LED XHP50
 FWHM 31.0°
 Efficiency 81 %
 Peak intensity 1.700 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13723_MIRELLA-RZL



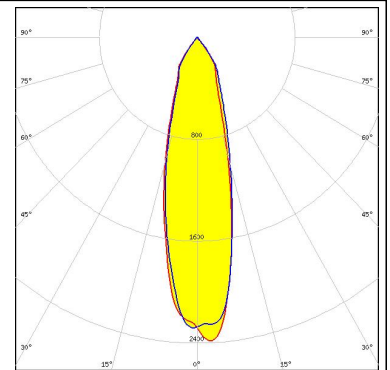
LED XHP50
 FWHM 21.0°
 Efficiency 83 %
 Peak intensity 2.900 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13333_MIRELLA-CL



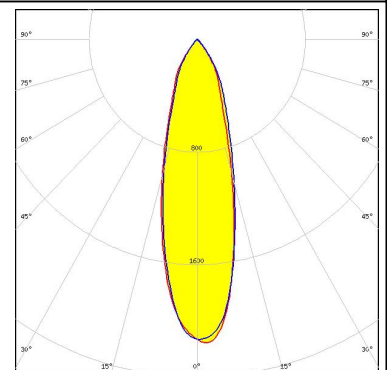
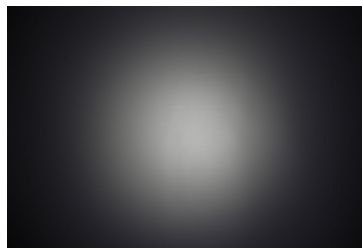
PHOTOMETRIC DATA (MEASURED):



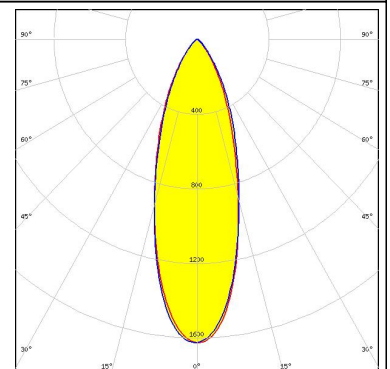
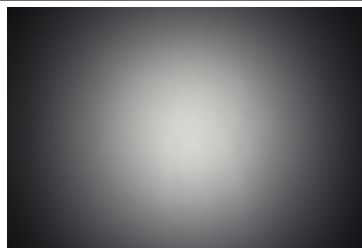
LED XHP70
 FWHM 27.0°
 Efficiency 82 %
 Peak intensity 2.400 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13333_MIRELLA-CL



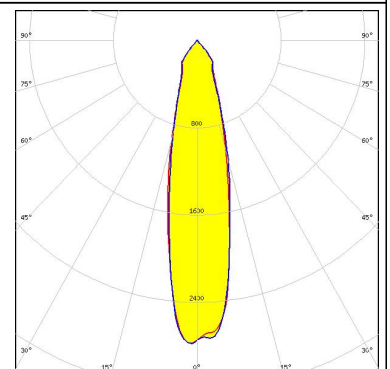
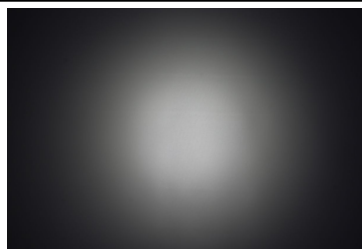
LED XHP70
 FWHM 28.0°
 Efficiency 82 %
 Peak intensity 2.200 cd/lm
 Required components:
 C13083_PF-SOCKET
 C12479_MIRELLA-DL



LED XHP70
 FWHM 33.0°
 Efficiency 80 %
 Peak intensity 1.600 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13723_MIRELLA-RZL



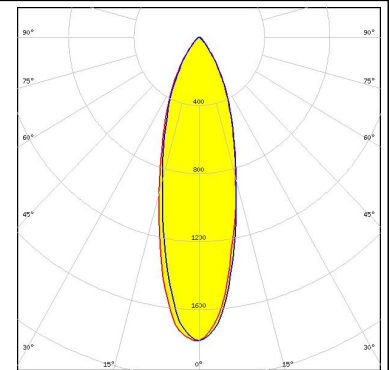
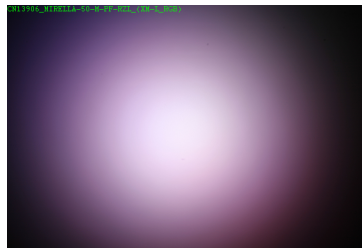
LED XHP70
 FWHM 24.0°
 Efficiency 87 %
 Peak intensity 2.800 cd/lm
 Required components:
 C13083_PF-SOCKET



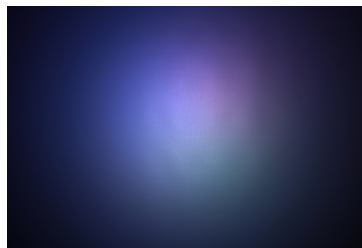
PHOTOMETRIC DATA (MEASURED):



LED XM-L RGB
 FWHM 31.0°
 Efficiency 79 %
 Peak intensity 1.800 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13723_MIRELLA-RZL



LED XQ-E HI RGBW
 FWHM 30.0°
 Efficiency 87 %
 Peak intensity 2.000 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13723_MIRELLA-RZL



LED COB 4W
 FWHM 23.0°
 Efficiency 90 %
 Peak intensity 3.600 cd/lm
 Required components:
 C13083_PF-SOCKET



LED COB 4W
 FWHM 23.0°
 Efficiency 85 %
 Peak intensity 2.800 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13333_MIRELLA-CL



PHOTOMETRIC DATA (MEASURED):

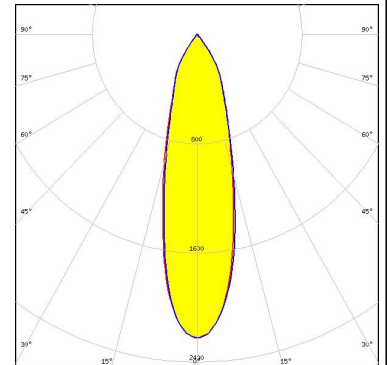
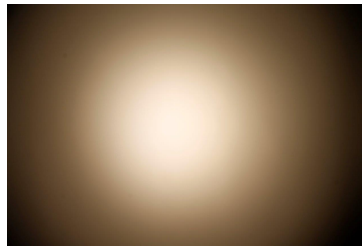
LG Innotek

LED COB 4W
 FWHM 29.0°
 Efficiency 85 %
 Peak intensity 2.400 cd/lm
 Required components:
 C13083_PF-SOCKET
 C12479_MIRELLA-DL



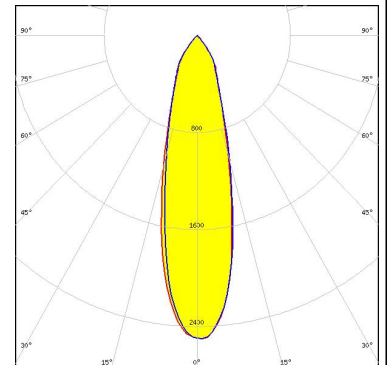
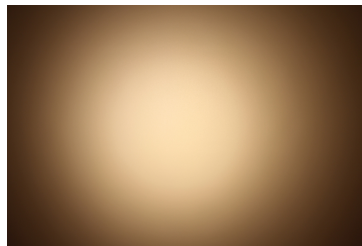
LUMILEDS

LED LUXEON CoB 1202/1203
 FWHM 28.0°
 Efficiency 81 %
 Peak intensity 2.200 cd/lm
 Required components:
 C13333_MIRELLA-CL
 IDEAL: 50-2100NC +50-2100MR



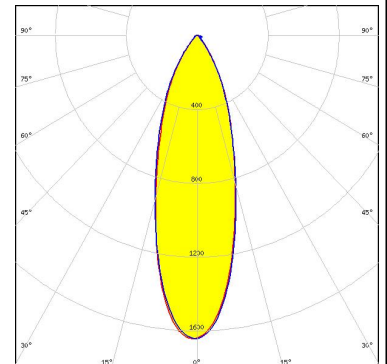
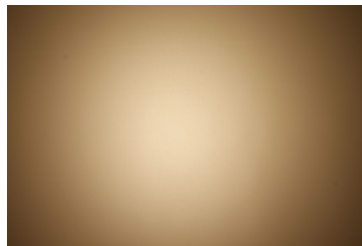
LUMILEDS

LED LUXEON CoB 1202/1203
 FWHM 27.0°
 Efficiency 87 %
 Peak intensity 2.500 cd/lm
 Required components:
 C14037_PF-NSX-SOCKET



LUMILEDS

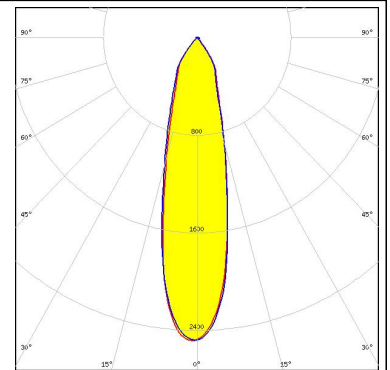
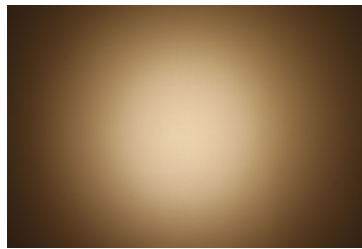
LED LUXEON CoB 1202/1203
 FWHM 32.0°
 Efficiency 75 %
 Peak intensity 1.600 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C12479_MIRELLA-DL
 Bender Wirth: 438 Typ L1



PHOTOMETRIC DATA (MEASURED):

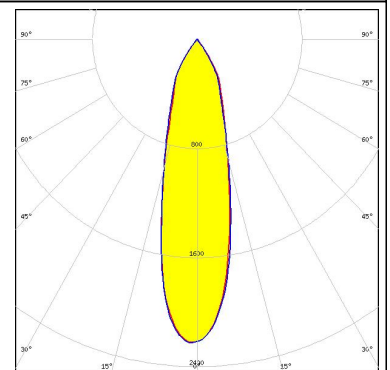
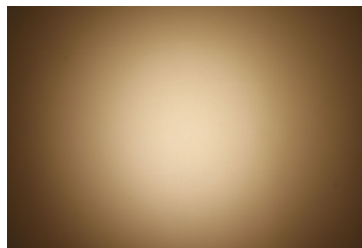
LUMILEDS

LED LUXEON CoB 1202/1203
 FWHM 25.0°
 Efficiency 82 %
 Peak intensity 2.500 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 Bender Wirth: 438 Typ L1



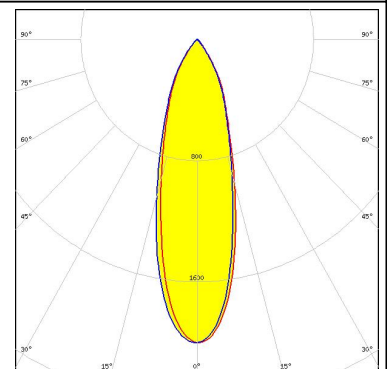
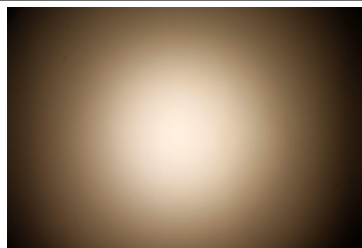
LUMILEDS

LED LUXEON CoB 1202/1203
 FWHM 27.0°
 Efficiency 77 %
 Peak intensity 2.200 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C13333_MIRELLA-CL
 Bender Wirth: 438 Typ L1



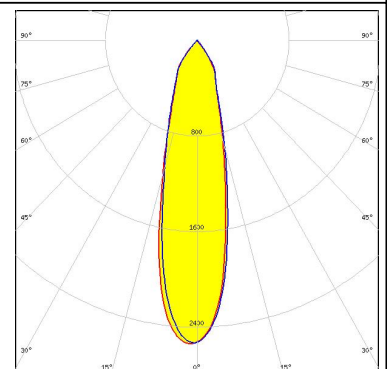
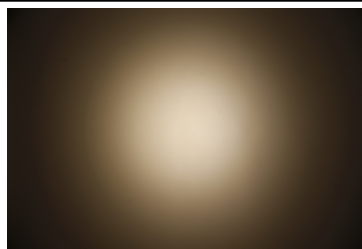
LUMILEDS

LED LUXEON CoB 1202/1203
 FWHM 30.0°
 Efficiency 82 %
 Peak intensity 2.000 cd/lm
 Required components:
 C12479_MIRELLA-DL
 IDEAL: 50-2100NC +50-2100MR



LUMILEDS

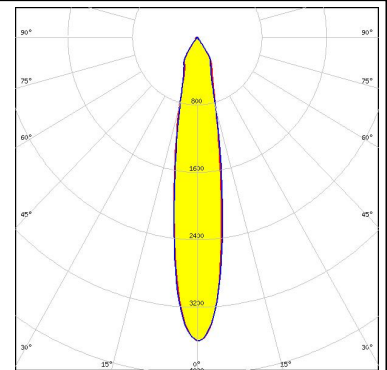
LED LUXEON CoB 1202/1203
 FWHM 25.0°
 Efficiency 86 %
 Peak intensity 2.500 cd/lm
 Required components:
 IDEAL: 50-2100NC +50-2100MR



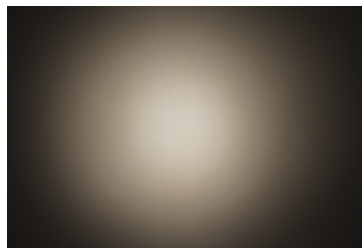
PHOTOMETRIC DATA (MEASURED):



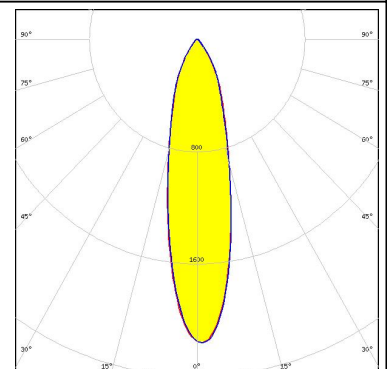
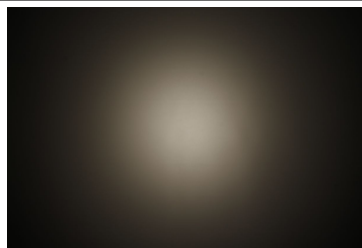
LED LUXEON CoB 1202s
 FWHM 19.0°
 Efficiency 81 %
 Peak intensity 3.600 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C13333_MIRELLA-CL
 Bender Wirth: 452 Typ L1



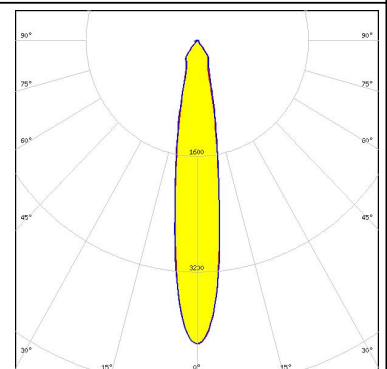
LED LUXEON CoB 1202s
 FWHM 23.0°
 Efficiency 83 %
 Peak intensity 2.800 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 C13333_MIRELLA-CL
 LEDiL: LEDiL



LED LUXEON CoB 1202s
 FWHM 25.0°
 Efficiency 79 %
 Peak intensity 2.200 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C12479_MIRELLA-DL
 Bender Wirth: 452 Typ L1



LED LUXEON CoB 1202s
 FWHM 17.0°
 Efficiency 86 %
 Peak intensity 4.200 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 Bender Wirth: 452 Typ L1



PHOTOMETRIC DATA (MEASURED):

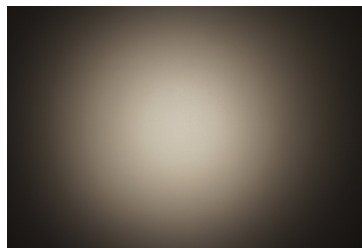
LUMILEDS

LED LUXEON CoB 1202s
 FWHM 20.0°
 Efficiency 88 %
 Peak intensity 3.600 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 LEDiL: LEDiL



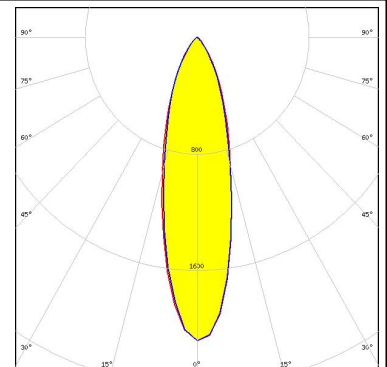
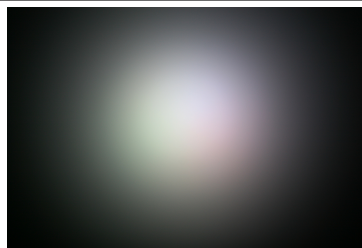
LUMILEDS

LED LUXEON CoB 1202s
 FWHM 26.0°
 Efficiency 83 %
 Peak intensity 2.500 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 C12479_MIRELLA-DL
 LEDiL: LEDiL



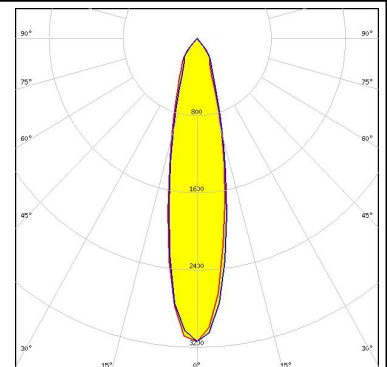
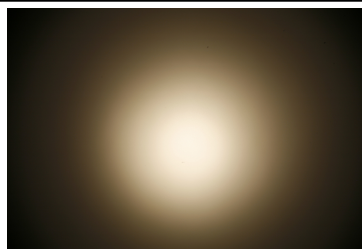
LUMILEDS

LED LUXEON Z RGB
 FWHM 28.0°
 Efficiency 79 %
 Peak intensity 2.100 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13723_MIRELLA-RZL


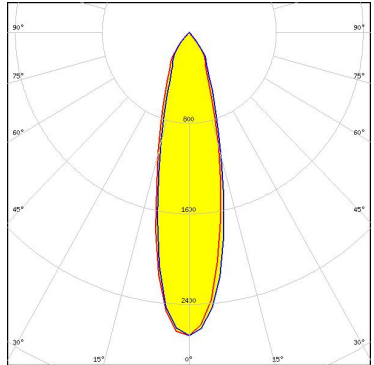
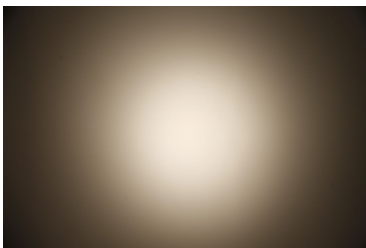
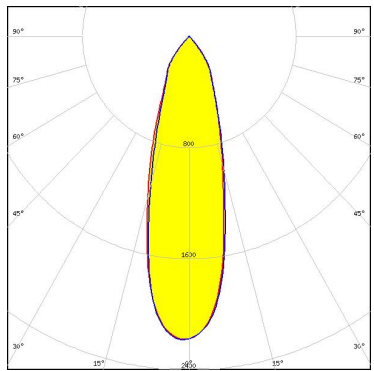

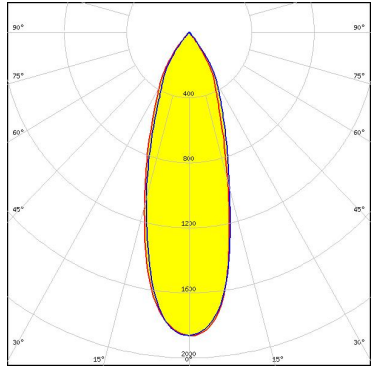
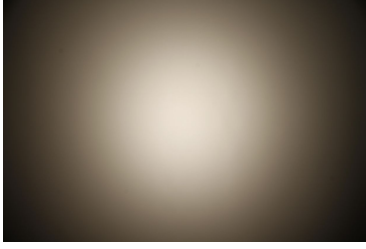
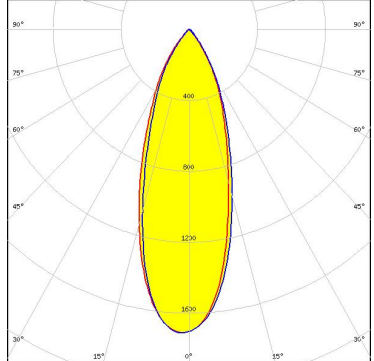


LUMINUS

LED CXM-6
 FWHM 23.0°
 Efficiency 85 %
 Peak intensity 3.100 cd/lm
 Required components:
 C13083_PF-SOCKET



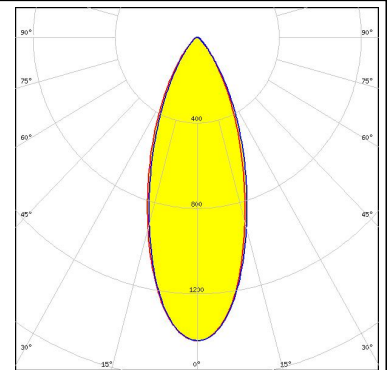
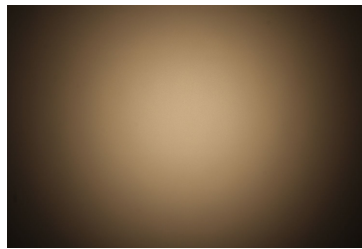
PHOTOMETRIC DATA (MEASURED):

<p>LUMINUS</p> <p>LED CXM-7 FWHM 26.0° Efficiency 86 % Peak intensity 2.700 cd/lm Required components: C13083_PF-SOCKET</p>		
<p>LUMINUS</p> <p>LED CXM-9 FWHM 30.0° Efficiency 89 % Peak intensity 2.200 cd/lm Required components: C13083_PF-SOCKET</p>		
<p>LUMINUS</p> <p>LED CXM-9 FWHM 33.0° Efficiency 84 % Peak intensity 1.900 cd/lm Required components: C13083_PF-SOCKET C13333_MIRELLA-CL</p>		
<p>LUMINUS</p> <p>LED CXM-9 FWHM 35.0° Efficiency 84 % Peak intensity 1.700 cd/lm Required components: C13083_PF-SOCKET C12479_MIRELLA-DL</p>		

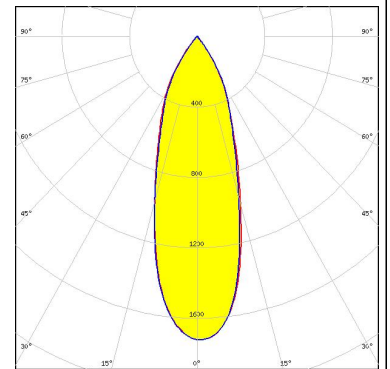
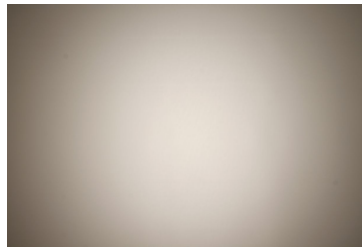
PHOTOMETRIC DATA (MEASURED):



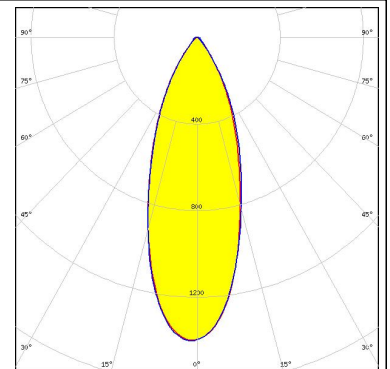
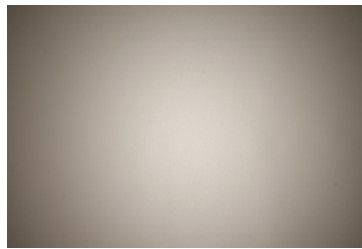
LED CXM-9
 FWHM 38.0°
 Efficiency 82 %
 Peak intensity 1.400 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13723_MIRELLA-RZL



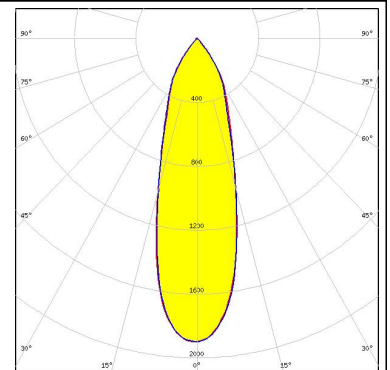
LED COB L-Type (LES 11)
 FWHM 33.0°
 Efficiency 77 %
 Peak intensity 1.700 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C13333_MIRELLA-CL
 Bender Wirth: 438 Typ L1



LED COB L-Type (LES 11)
 FWHM 37.0°
 Efficiency 76 %
 Peak intensity 1.400 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C12479_MIRELLA-DL
 Bender Wirth: 438 Typ L1



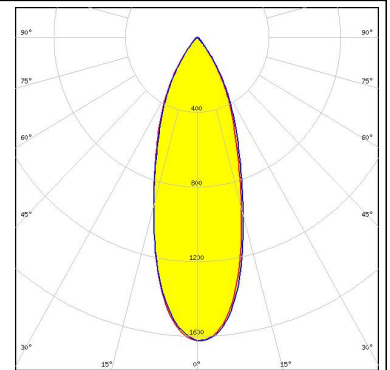
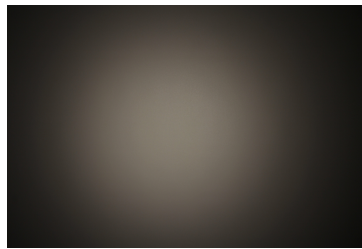
LED COB L-Type (LES 11)
 FWHM 31.0°
 Efficiency 81 %
 Peak intensity 1.900 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 Bender Wirth: 438 Typ L1



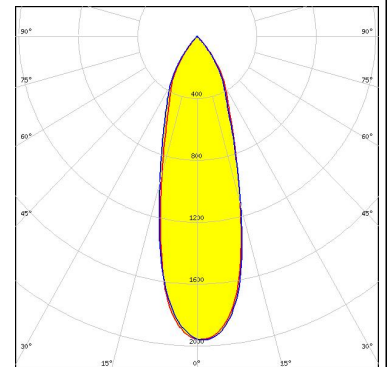
PHOTOMETRIC DATA (MEASURED):



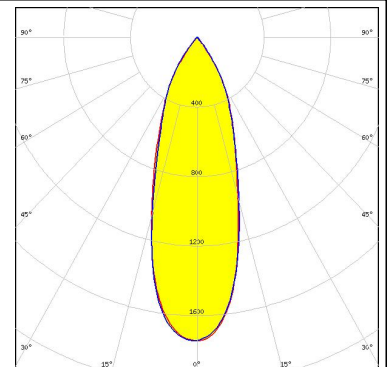
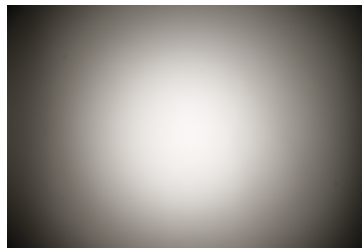
LED COB L-Type (LES 11)
 FWHM 35.0°
 Efficiency 80 %
 Peak intensity 1.600 cd/lm
 Required components:
 C12479_MIRELLA-DL
 IDEAL: 50-2100NC +50-2100MR



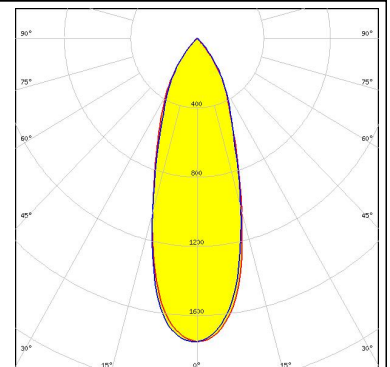
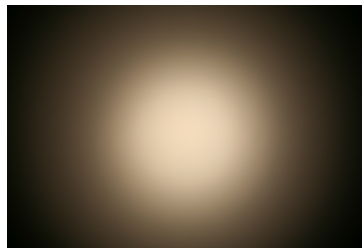
LED COB L-Type (LES 11)
 FWHM 31.0°
 Efficiency 86 %
 Peak intensity 2.000 cd/lm
 Required components:
 IDEAL: 50-2100NC +50-2100MR




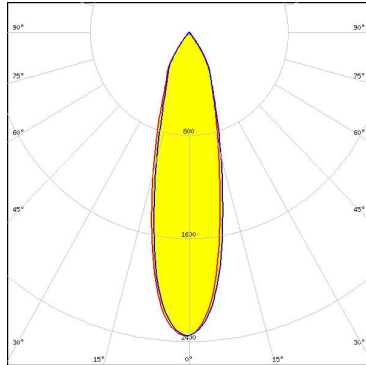
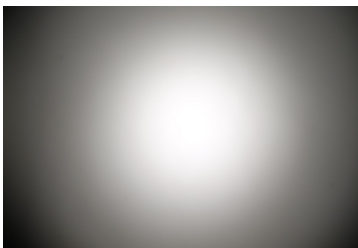
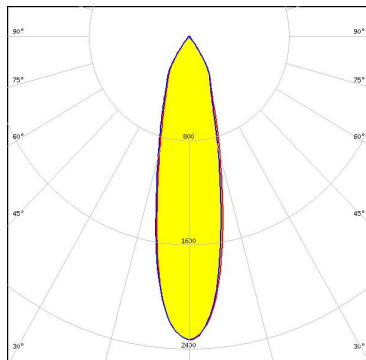

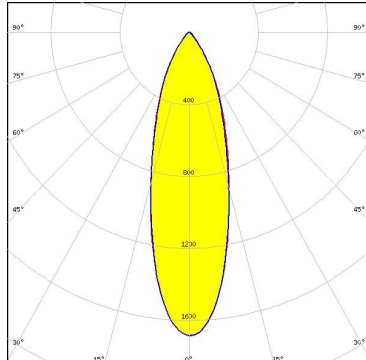
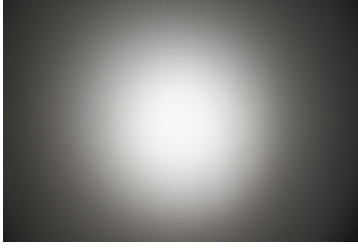
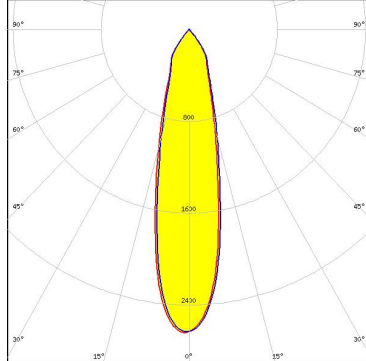
LED COB L-Type (LES 11)
 FWHM 34.0°
 Efficiency 81 %
 Peak intensity 1.700 cd/lm
 Required components:
 C13333_MIRELLA-CL
 IDEAL: 50-2100NC +50-2100MR



LED COB L-Type (LES 11)
 FWHM 35.0°
 Efficiency 84 %
 Peak intensity 1.750 cd/lm
 Required components:
 C14037_PF-NSX-SOCKET



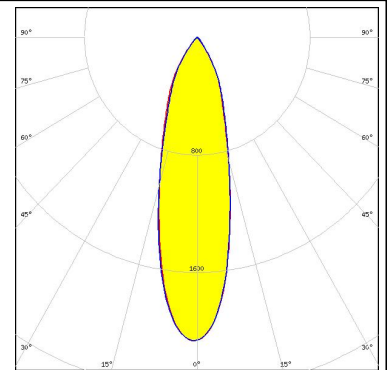
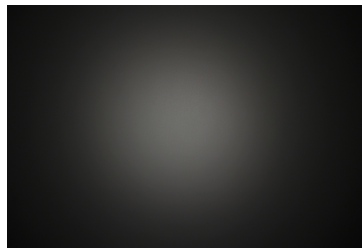
PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED COB L-Type (LES 9)</p> <p>FWHM 27.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 2.400 cd/lm</p> <p>Required components: C13333_MIRELLA-CL IDEAL: 50-2100NC +50-2100MR</p>		
<p>NICHIA</p> <p>LED COB L-Type (LES 9)</p> <p>FWHM 25.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 2.300 cd/lm</p> <p>Required components: C13709_PF-SOCKET-VERO13-18 C13333_MIRELLA-CL Bender Wirth: 438 Typ L1</p>		
<p>NICHIA</p> <p>LED COB L-Type (LES 9)</p> <p>FWHM 31.0°</p> <p>Efficiency 76 %</p> <p>Peak intensity 1.700 cd/lm</p> <p>Required components: C13709_PF-SOCKET-VERO13-18 C12479_MIRELLA-DL Bender Wirth: 438 Typ L1</p>		
<p>NICHIA</p> <p>LED COB L-Type (LES 9)</p> <p>FWHM 24.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 2.600 cd/lm</p> <p>Required components: C13709_PF-SOCKET-VERO13-18 Bender Wirth: 438 Typ L1</p>		

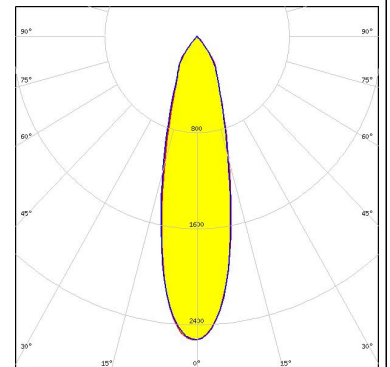
PHOTOMETRIC DATA (MEASURED):



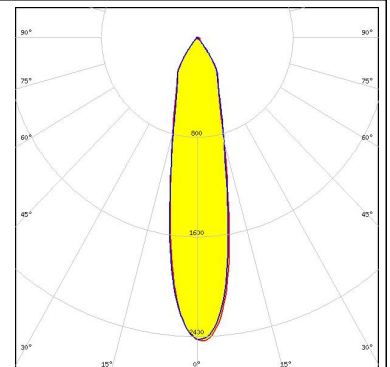
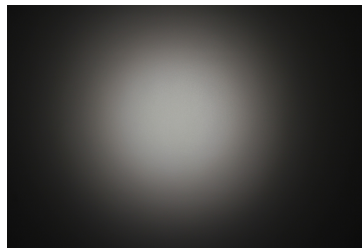
LED COB L-Type (LES 9)
 FWHM 28.0°
 Efficiency 80 %
 Peak intensity 2.100 cd/lm
 Required components:
 C12479_MIRELLA-DL
 IDEAL: 50-2100NC +50-2100MR



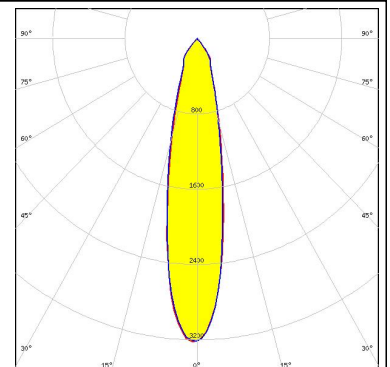
LED COB L-Type (LES 9)
 FWHM 27.0°
 Efficiency 86 %
 Peak intensity 2.520 cd/lm
 Required components:
 C14037_PF-NSX-SOCKET




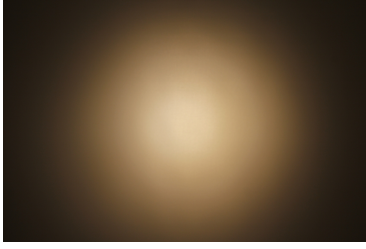
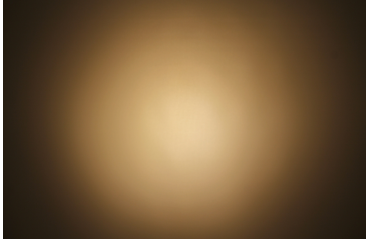
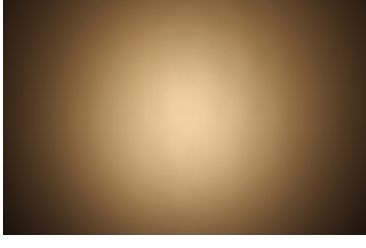
LED COB L-Type (LES 9)
 FWHM 23.0°
 Efficiency 76 %
 Peak intensity 2.400 cd/lm
 Required components:
 IDEAL: 50-2100NC +50-2100MR



LED NSCxL036A
 FWHM 22.0°
 Efficiency 85 %
 Peak intensity 3.220 cd/lm
 Required components:
 C14037_PF-NSX-SOCKET



PHOTOMETRIC DATA (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED Duris S10 FWHM 33.0° Efficiency 81 % Peak intensity 1.800 cd/lm Required components: C13083_PF-SOCKET C13723_MIRELLA-RZL LEDiL: LEDiL</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S10 FWHM 21.0° Efficiency 87 % Peak intensity 3.400 cd/lm Required components: C13083_PF-SOCKET LEDiL: LEDiL</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S10 FWHM 25.0° Efficiency 82 % Peak intensity 2.800 cd/lm Required components: C13083_PF-SOCKET C13333_MIRELLA-CL LEDiL: LEDiL</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S10 FWHM 31.0° Efficiency 80 % Peak intensity 1.900 cd/lm Required components: C13083_PF-SOCKET C12479_MIRELLA-DL LEDiL: LEDiL</p>	

PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED Ostar Lighting+

FWHM 25.0°

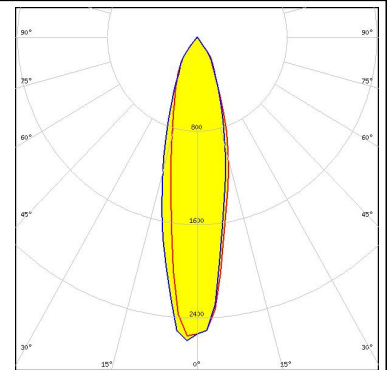
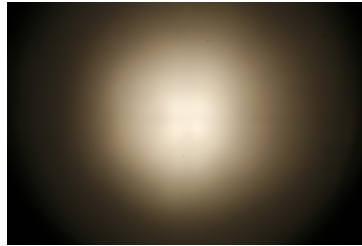
Efficiency 81 %

Peak intensity 2.600 cd/lm

Required components:

C13708_PF-SOCKET-VERO10

C13333_MIRELLA-CL



OSRAM
Opto Semiconductors

LED Ostar Lighting+

FWHM 28.0°

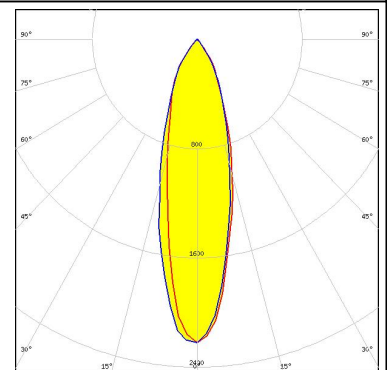
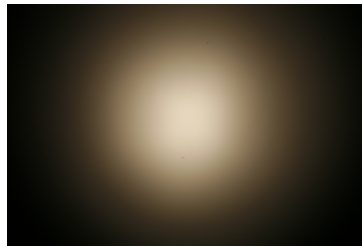
Efficiency 80 %

Peak intensity 2.200 cd/lm

Required components:

C13708_PF-SOCKET-VERO10

C12479_MIRELLA-DL



OSRAM
Opto Semiconductors

LED Ostar Lighting+

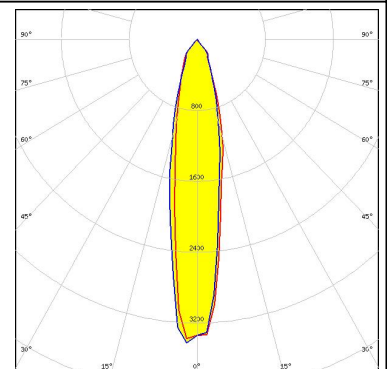
FWHM 21.0°

Efficiency 86 %

Peak intensity 3.500 cd/lm

Required components:

C13708_PF-SOCKET-VERO10



OSRAM
Opto Semiconductors

LED OSTAR Stage (S2WP)

FWHM 27.0°

Efficiency 83 %

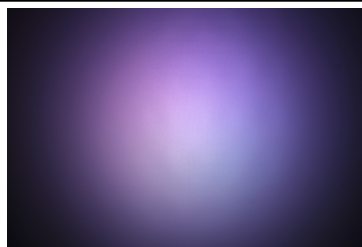
Peak intensity 2.230 cd/lm

Required components:

C13083_PF-SOCKET

C13723_MIRELLA-RZL

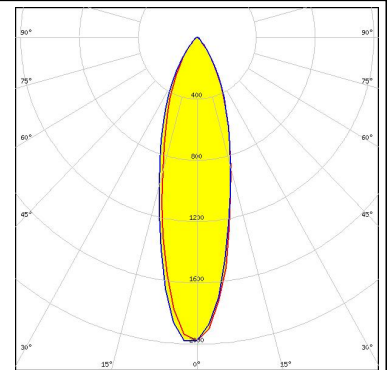
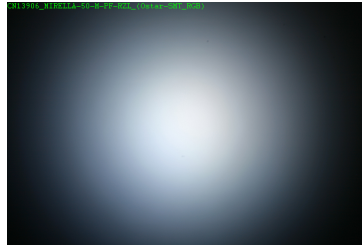
LEDiL: LEDiL



PHOTOMETRIC DATA (MEASURED):

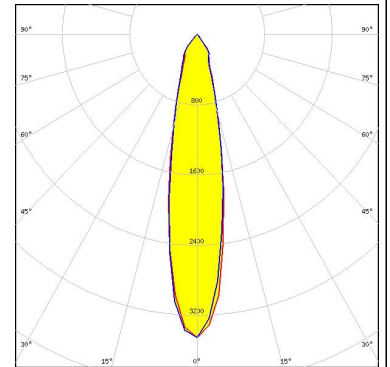
OSRAM
Opto Semiconductors

LED Ostar-SMT RGB
FWHM 29.0°
Efficiency 80 %
Peak intensity 2.000 cd/lm
Required components:
C13083_PF-SOCKET
C13723_MIRELLA-RZL



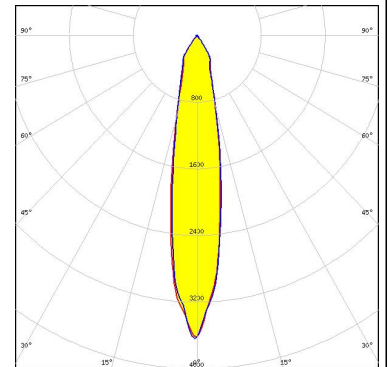
OSRAM
Opto Semiconductors

LED Soleriq P6
FWHM 22.0°
Efficiency 87 %
Peak intensity 3.500 cd/lm
Required components:
C13761_PF-SOCKET-CXA15



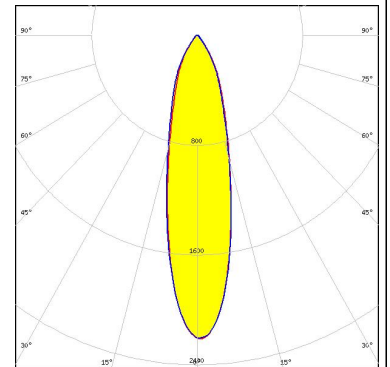
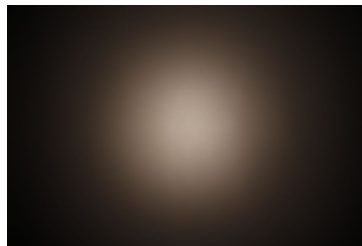
OSRAM
Opto Semiconductors

LED Soleriq P6
FWHM 19.0°
Efficiency 82 %
Peak intensity 3.600 cd/lm
Required components:
C13709_PF-SOCKET-VERO13-18
C13333_MIRELLA-CL
Bender Wirth: 446 Typ L1



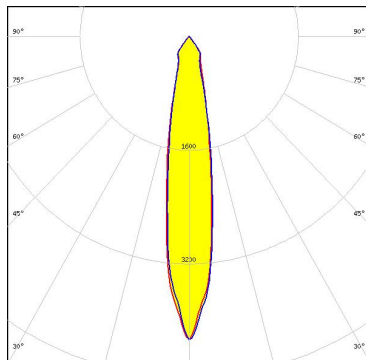

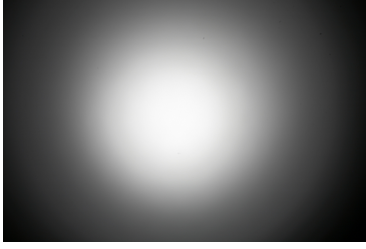
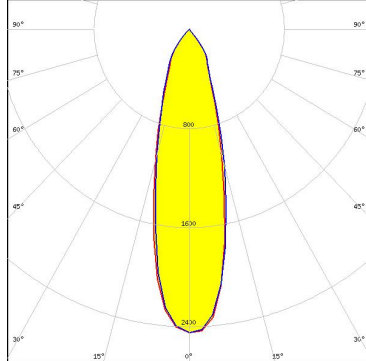


OSRAM
Opto Semiconductors

LED Soleriq P6
FWHM 25.0°
Efficiency 78 %
Peak intensity 2.200 cd/lm
Required components:
C13709_PF-SOCKET-VERO13-18
C12479_MIRELLA-DL
Bender Wirth: 446 Typ L1



PHOTOMETRIC DATA (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED Soleriq P6 FWHM 27.0° Efficiency 82 % Peak intensity 2.230 cd/lm Required components: C13761_PF-SOCKET-CXA15 C12479_MIRELLA-DL</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Soleriq P6 FWHM 18.0° Efficiency 87 % Peak intensity 4.300 cd/lm Required components: C13709_PF-SOCKET-VERO13-18 Bender Wirth: 446 Typ L1</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Soleriq P6 FWHM 24.0° Efficiency 82 % Peak intensity 2.890 cd/lm Required components: C13761_PF-SOCKET-CXA15 C13333_MIRELLA-CL</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Soleriq P9 FWHM 28.0° Efficiency 87 % Peak intensity 2.500 cd/lm Required components: C13761_PF-SOCKET-CXA15</p>		

PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED Soleriq P9
FWHM 31.0°
Efficiency 83 %
Peak intensity 2.000 cd/lm
Required components:
C13761_PF-SOCKET-CXA15
C12479_MIRELLA-DL



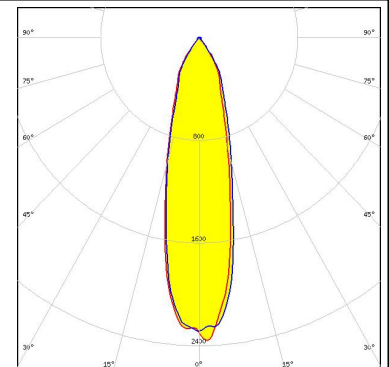
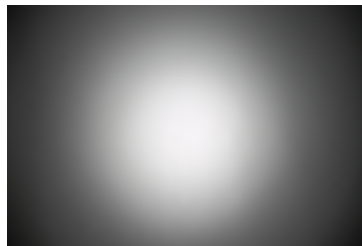
OSRAM
Opto Semiconductors

LED Soleriq P9
FWHM 31.0°
Efficiency 83 %
Peak intensity 2.170 cd/lm
Required components:
C13761_PF-SOCKET-CXA15
C13333_MIRELLA-CL



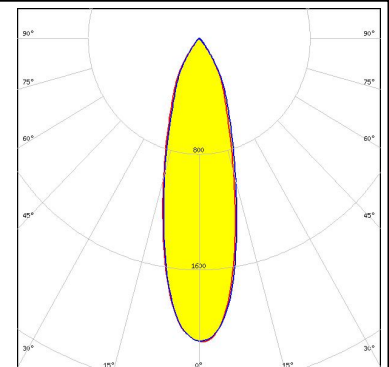
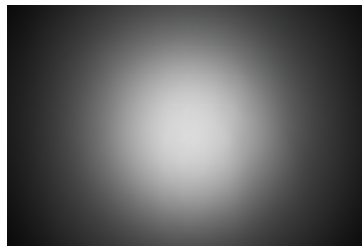
OSRAM
Opto Semiconductors

LED Soleriq P9
FWHM 26.0°
Efficiency 80 %
Peak intensity 2.400 cd/lm
Required components:
C13709_PF-SOCKET-VERO13-18
C13333_MIRELLA-CL
Bender Wirth: 461 Typ L1



OSRAM
Opto Semiconductors

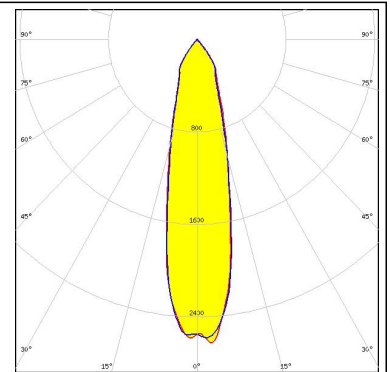
LED Soleriq P9
FWHM 28.0°
Efficiency 81 %
Peak intensity 2.100 cd/lm
Required components:
C13709_PF-SOCKET-VERO13-18
C12479_MIRELLA-DL
Bender Wirth: 461 Typ L1



PHOTOMETRIC DATA (MEASURED):

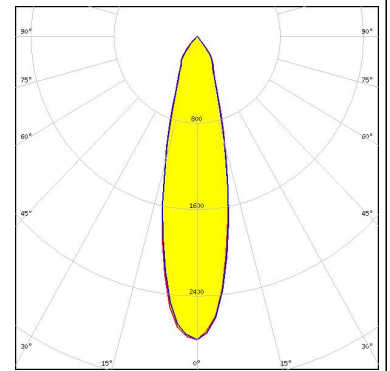
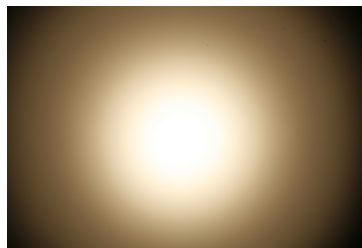
OSRAM
Opto Semiconductors

LED Soleriq P9
 FWHM 24.0°
 Efficiency 85 %
 Peak intensity 2.600 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 Bender Wirth: 461 Typ L1



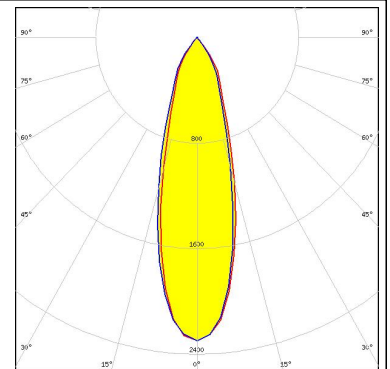
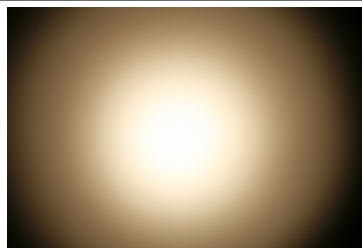
SEOL
SEOUL SEMICONDUCTOR

LED ZC4/6
 FWHM 26.0°
 Efficiency 87 %
 Peak intensity 2.800 cd/lm
 Required components:
 C13083_PF-SOCKET



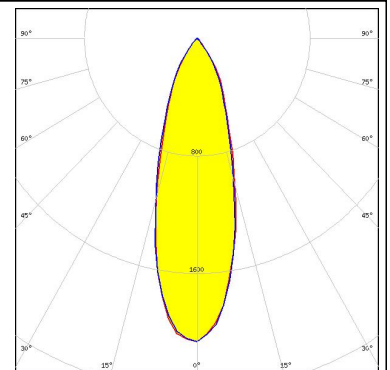
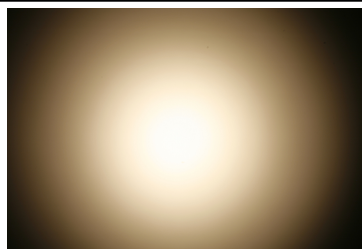
SEOL
SEOUL SEMICONDUCTOR

LED ZC4/6
 FWHM 31.0°
 Efficiency 82 %
 Peak intensity 2.300 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13333_MIRELLA-CL



SEOL
SEOUL SEMICONDUCTOR

LED ZC4/6
 FWHM 32.0°
 Efficiency 83 %
 Peak intensity 2.100 cd/lm
 Required components:
 C13083_PF-SOCKET
 C12479_MIRELLA-DL



PHOTOMETRIC DATA (MEASURED):

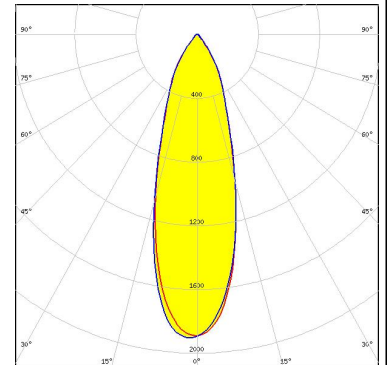
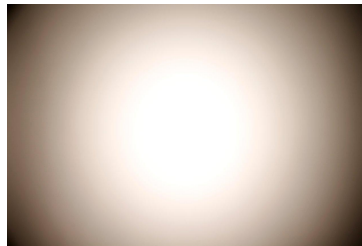
SHARP

LED Mini Zenigata (GW6BM)
 FWHM 28.0°
 Efficiency 83 %
 Peak intensity 2.400 cd/lm
 Required components:
 C13083_PF-SOCKET
 C13333_MIRELLA-CL



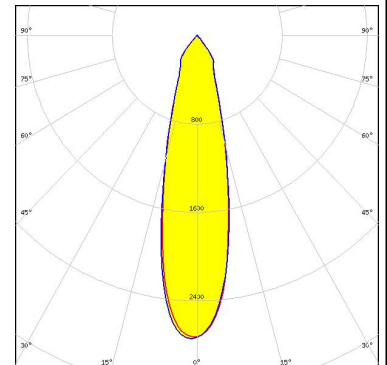
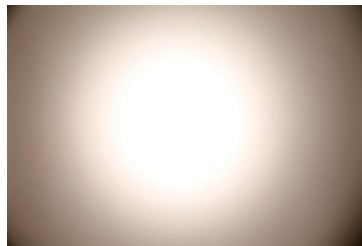
SHARP

LED Mini Zenigata (GW6BM)
 FWHM 30.0°
 Efficiency 83 %
 Peak intensity 1.900 cd/lm
 Required components:
 C13083_PF-SOCKET
 C12479_MIRELLA-DL



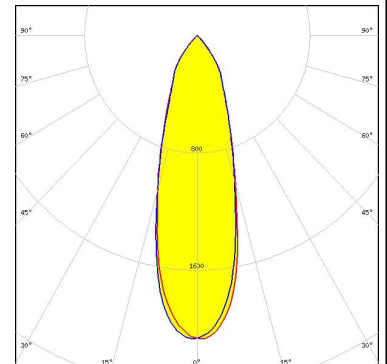
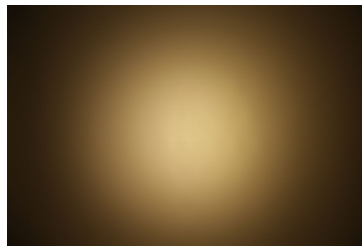
SHARP

LED Mini Zenigata (GW6BM)
 FWHM 25.0°
 Efficiency 90 %
 Peak intensity 2.700 cd/lm
 Required components:
 C13083_PF-SOCKET



TRIDONIC

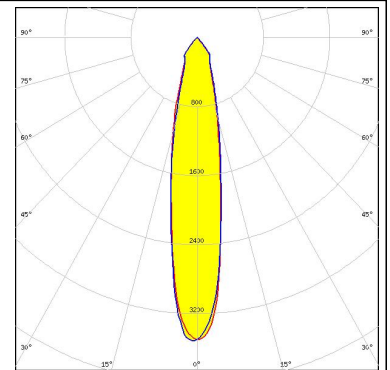
LED SLE G5 LES11
 FWHM 31.0°
 Efficiency 88 %
 Peak intensity 2.100 cd/lm
 Required components:
 C13083_PF-SOCKET
 LEDiL: LEDiL



PHOTOMETRIC DATA (MEASURED):

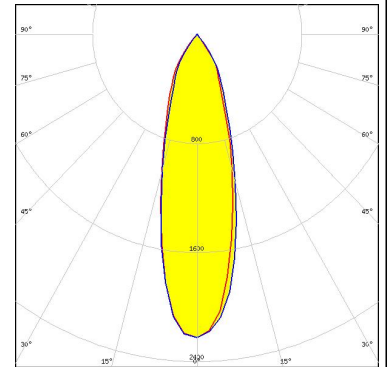
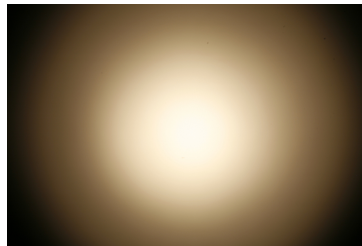
TRIDONIC

LED SLE G5 LES6
 FWHM 20.0°
 Efficiency 89 %
 Peak intensity 3.520 cd/lm
 Required components:
 C13083_PF-SOCKET
 LEDiL: LEDiL



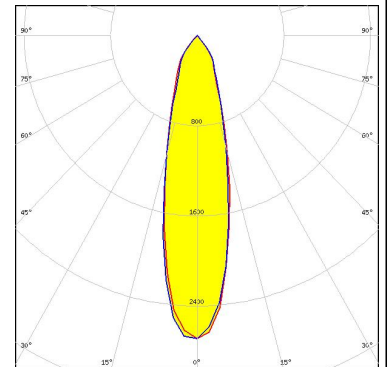
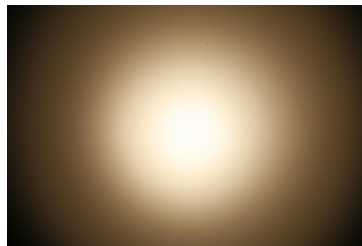
TRIDONIC

LED STARK SLE PURE G3 LES10
 FWHM 30.0°
 Efficiency 81 %
 Peak intensity 2.200 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 C13333_MIRELLA-CL



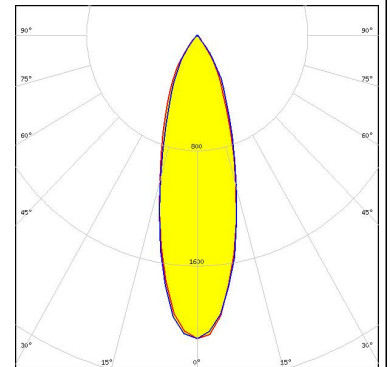
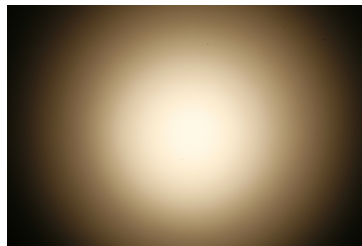
TRIDONIC

LED STARK SLE PURE G3 LES10
 FWHM 26.0°
 Efficiency 86 %
 Peak intensity 2.700 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15



TRIDONIC

LED STARK SLE PURE G3 LES10
 FWHM 31.0°
 Efficiency 82 %
 Peak intensity 2.100 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 C12479_MIRELLA-DL



PHOTOMETRIC DATA (MEASURED):

XICATO

LED XTM - 9mm LES

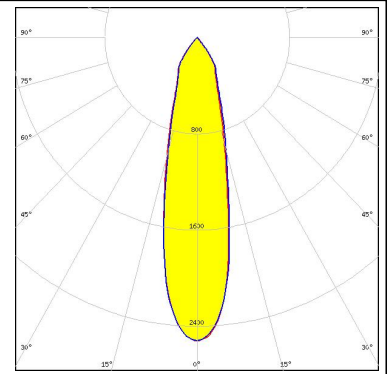
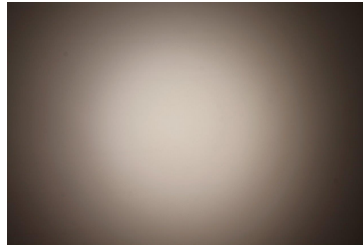
FWHM 25.0°

Efficiency 82 %

Peak intensity 2.500 cd/lm

Required components:

C14636_XTM-PF-ADAPTER



PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED LUXEON CoB Compact
FWHM 25.0°
Efficiency 79 %
Peak intensity 2.200 cd/lm

Required components:

C13709_PF-SOCKET-VERO13-18
C12479_MIRELLA-DL
Bender Wirth: 452 Typ L1

LUMILEDS

LED LUXEON CoB Compact
FWHM 23.0°
Efficiency 83 %
Peak intensity 2.800 cd/lm

Required components:

C13761_PF-SOCKET-CXA15
C13333_MIRELLA-CL
LEDiL: LEDiL

LUMILEDS

LED LUXEON CoB Compact
FWHM 19.0°
Efficiency 81 %
Peak intensity 3.600 cd/lm

Required components:

C13709_PF-SOCKET-VERO13-18
C13333_MIRELLA-CL
Bender Wirth: 452 Typ L1

LUMILEDS

LED LUXEON CoB Compact
FWHM 17.0°
Efficiency 86 %
Peak intensity 4.200 cd/lm

Required components:

C13709_PF-SOCKET-VERO13-18
Bender Wirth: 452 Typ L1

PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

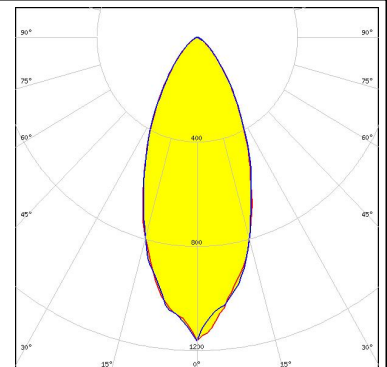
LED LUXEON CoB Compact
 FWHM 26.0°
 Efficiency 83 %
 Peak intensity 1.100 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 C12479_MIRELLA-DL
 LEDiL: LEDiL

LUMILEDS

LED LUXEON CoB Compact
 FWHM 20.0°
 Efficiency 88 %
 Peak intensity 3.600 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 LEDiL: LEDiL

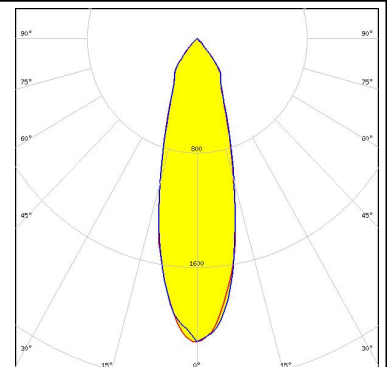
LUMILEDS

LED LUXEON K4
 FWHM 44.0°
 Efficiency 83 %
 Peak intensity 1.100 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15
 C12479_MIRELLA-DL



LUMILEDS

LED LUXEON K4
 FWHM 30.0°
 Efficiency 88 %
 Peak intensity 2.100 cd/lm
 Required components:
 C13761_PF-SOCKET-CXA15



PHOTOMETRIC DATA (SIMULATED):

LUMINUS

LED CXM-14
FWHM 42.0°
Efficiency 70 %
Peak intensity 1.200 cd/lm

Required components:

C13709_PF-SOCKET-VERO13-18
C12479_MIRELLA-DL
Bender Wirth: 433 Typ L1

LUMINUS

LED CXM-14
FWHM 41.0°
Efficiency 71 %
Peak intensity 1.200 cd/lm

Required components:

C13709_PF-SOCKET-VERO13-18
C13333_MIRELLA-CL
Bender Wirth: 433 Typ L1

LUMINUS

LED CXM-14
FWHM 38.0°
Efficiency 75 %
Peak intensity 1.400 cd/lm

Required components:

C13709_PF-SOCKET-VERO13-18

LUMINUS

LED CXM-9
FWHM 28.0°
Efficiency 79 %
Peak intensity 2.100 cd/lm

Required components:

C13709_PF-SOCKET-VERO13-18
C13333_MIRELLA-CL
Bender Wirth: 434 Typ L1

PHOTOMETRIC DATA (SIMULATED):

LUMINUS

LED CXM-9
FWHM 26.0°
Efficiency 84 %
Peak intensity 2.500 cd/lm

Required components:

C13709_PF-SOCKET-VERO13-18
Bender Wirth: 434 Typ L1

LUMINUS

LED CXM-9
FWHM 33.0°
Efficiency 76 %
Peak intensity 1.600 cd/lm

Required components:

C13709_PF-SOCKET-VERO13-18
C12479_MIRELLA-DL
Bender Wirth: 434 Typ L1

NICHIA

LED COB S-Type (LES 7)
FWHM 17.0°
Efficiency 86 %
Peak intensity 4.200 cd/lm

Required components:

C13709_PF-SOCKET-VERO13-18
Bender Wirth: 452 Typ L1

NICHIA

LED COB S-Type (LES 7)
FWHM 25.0°
Efficiency 79 %
Peak intensity 2.200 cd/lm

Required components:

C13709_PF-SOCKET-VERO13-18
C12479_MIRELLA-DL
Bender Wirth: 452 Typ L1

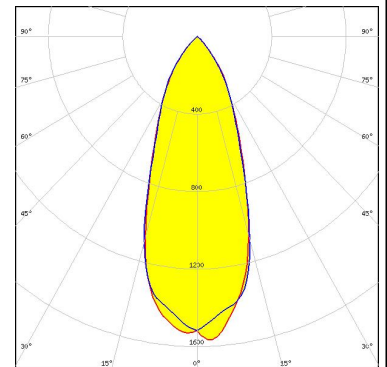
PHOTOMETRIC DATA (SIMULATED):



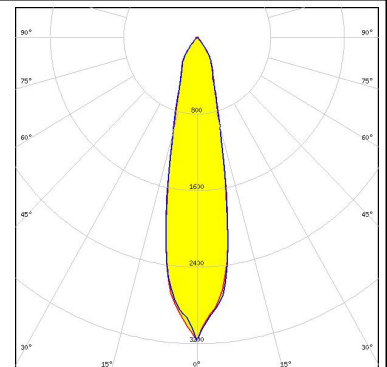
LED COB S-Type (LES 7)
 FWHM 19.0°
 Efficiency 81 %
 Peak intensity 3.600 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 C13333_MIRELLA-CL
 Bender Wirth: 452 Typ L1



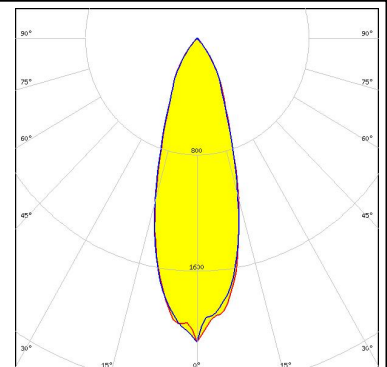
LED Soleriq S15
 FWHM 38.0°
 Efficiency 85 %
 Peak intensity 1.560 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 Bender Wirth: 433 Typ L1



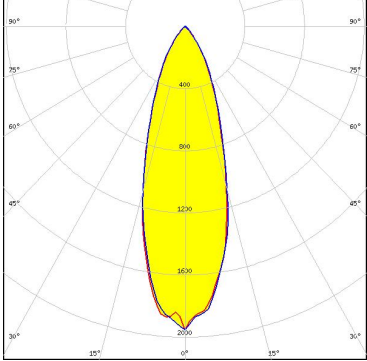
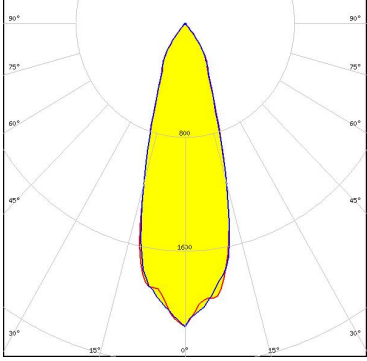
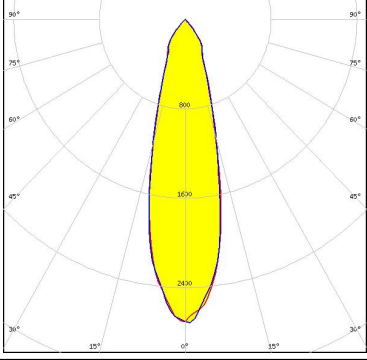
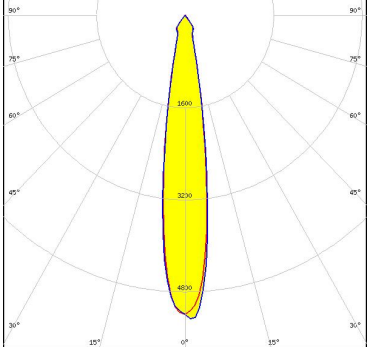
LED Soleriq S9
 FWHM 23.0°
 Efficiency 88 %
 Peak intensity 3.200 cd/lm
 Required components:
 C13709_PF-SOCKET-VERO13-18
 Bender Wirth: 434 Typ L1



LED Soleriq S9
 FWHM 32.0°
 Efficiency 85 %
 Peak intensity 2.100 cd/lm
 Required components:
 C13083_PF-SOCKET
 C12479_MIRELLA-DL
 LEDiL: LEDiL



PHOTOMETRIC DATA (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED Soleriq S9 FWHM 32.0° Efficiency 86 % Peak intensity 2.000 cd/lm</p> <p>Required components: C13083_PF-SOCKET C13723_MIRELLA-RZL</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED Soleriq S9 FWHM 32.0° Efficiency 85 % Peak intensity 2.200 cd/lm</p> <p>Required components: C13083_PF-SOCKET C13333_MIRELLA-CL</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED Soleriq S9 FWHM 27.0° Efficiency 91 % Peak intensity 2.700 cd/lm</p> <p>Required components: C13083_PF-SOCKET LEDiL: LEDiL</p>	
<p>SAMSUNG</p> <p>LED LC010C FWHM 17.0° Efficiency 87 % Peak intensity 5.300 cd/lm</p> <p>Required components: C13709_PF-SOCKET-VERO13-18 Bender Wirth: 479 Typ L1</p>	

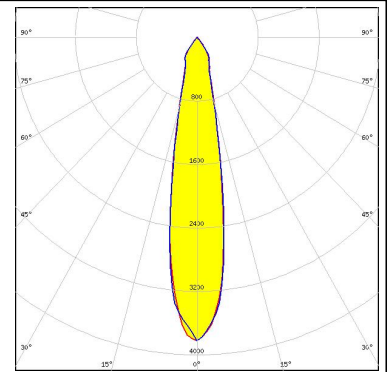
PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED LC020C
FWHM 20.0°
Efficiency 86 %
Peak intensity 3.900 cd/lm

Required components:

C13709_PF-SOCKET-VERO13-18
Bender Wirth: 479 Typ L1

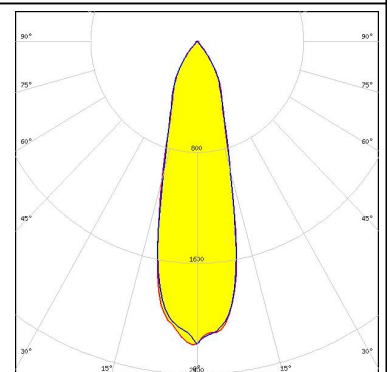


SAMSUNG

LED LC040C
FWHM 28.0°
Efficiency 84 %
Peak intensity 2.200 cd/lm

Required components:

C13709_PF-SOCKET-VERO13-18
Bender Wirth: 480 Typ L1



SEOUL SEMICONDUCTOR

LED ZC4/6
FWHM 33.0°
Efficiency 76 %
Peak intensity 1.600 cd/lm

Required components:

C13709_PF-SOCKET-VERO13-18
C12479_MIRELLA-DL
Bender Wirth: 434 Typ L1




SEOUL SEMICONDUCTOR

LED ZC4/6
FWHM 28.0°
Efficiency 79 %
Peak intensity 2.100 cd/lm

Required components:

C13709_PF-SOCKET-VERO13-18
C13333_MIRELLA-CL
Bender Wirth: 434 Typ L1

PHOTOMETRIC DATA (SIMULATED):

 SEOUL SEMICONDUCTOR	
LED	ZC4/6
FWHM	26.0°
Efficiency	84 %
Peak intensity	2.500 cd/lm
Required components:	
C13709_PF-SOCKET-VERO13-18	
Bender Wirth: 434 Typ L1	

GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

www.ledil.com/where_to_buy

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

www.ledil.com/where_to_buy