



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



ANGELA-W

~45° wide beam

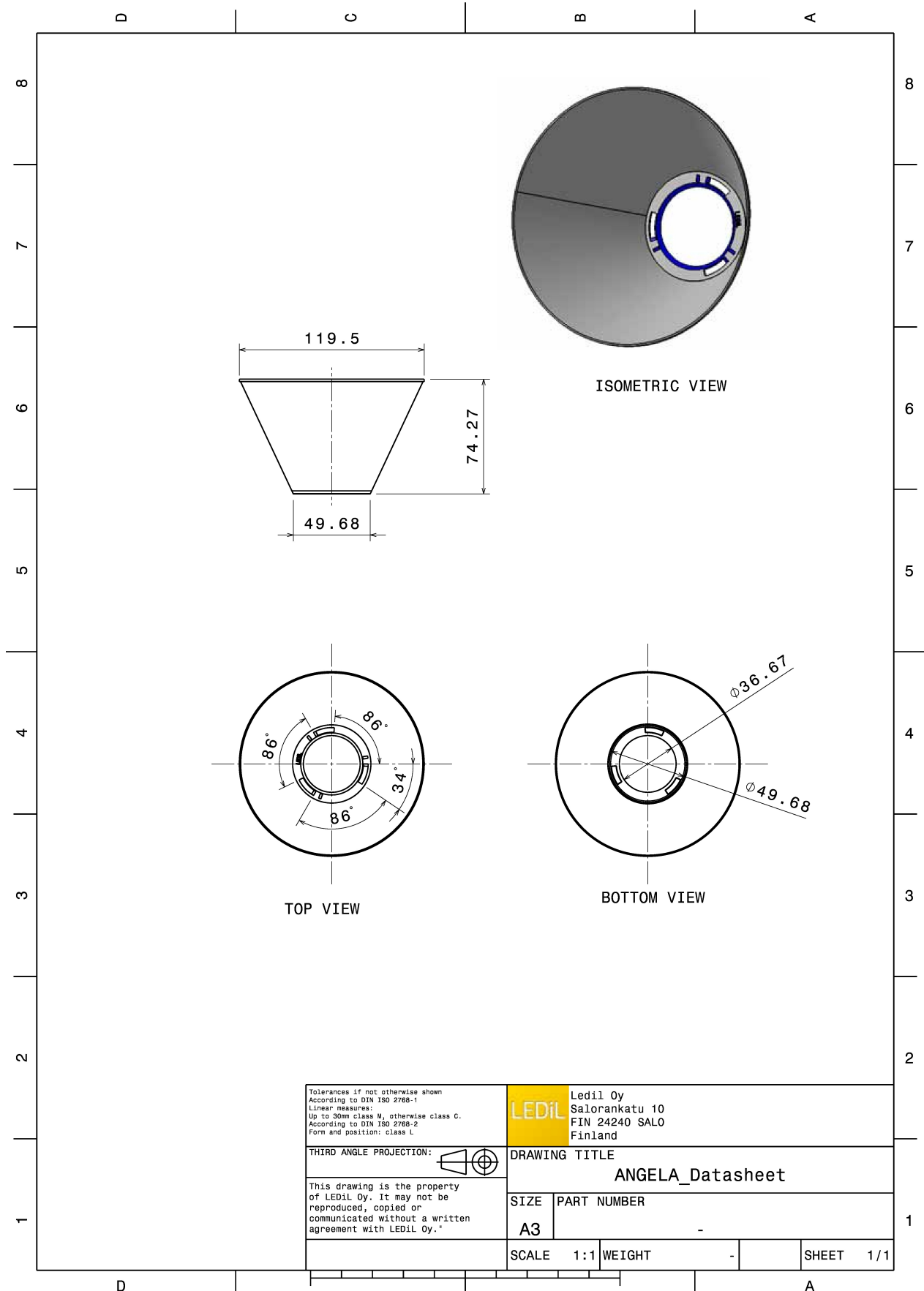
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 119.5 mm
Height	74.3 mm
Fastening	socket
Colour	metal
Box size	398 x 298 x 265 mm
Box weight	9.1 kg
Quantity in Box	180 pcs
ROHS compliant	yes ⓘ


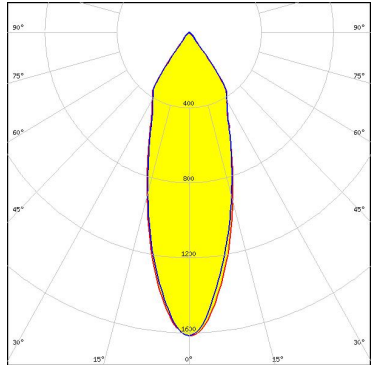
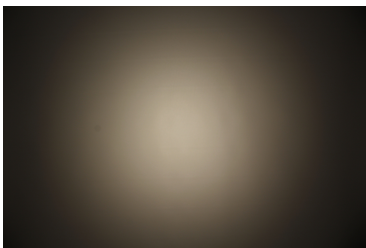
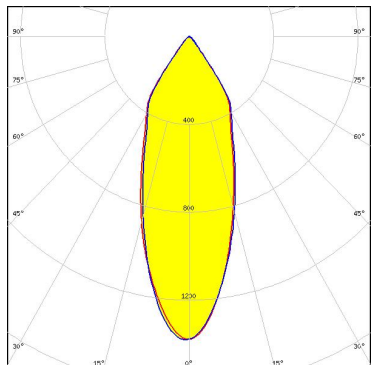
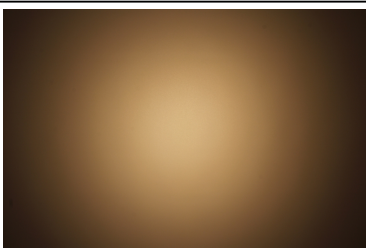
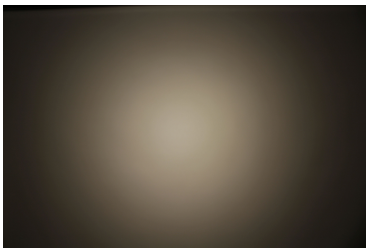
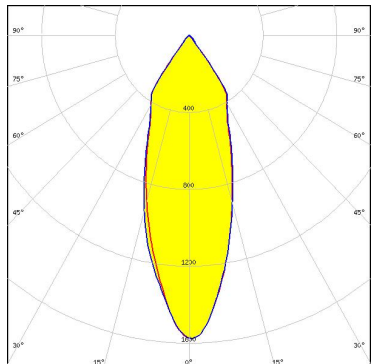


MATERIAL SPECIFICATIONS:


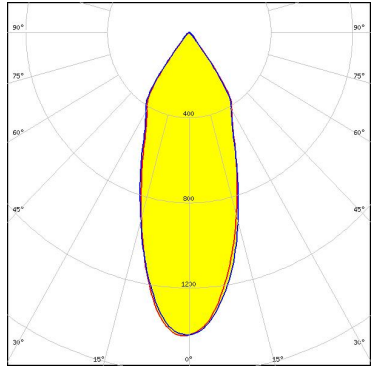
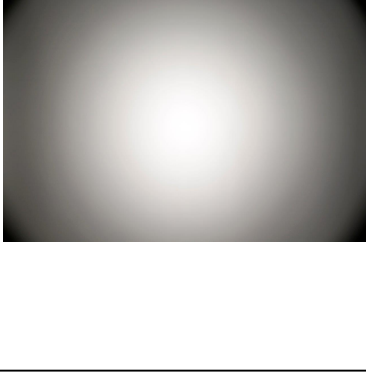
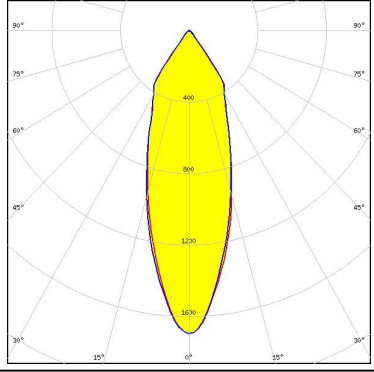
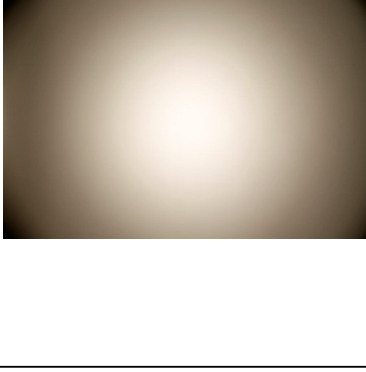
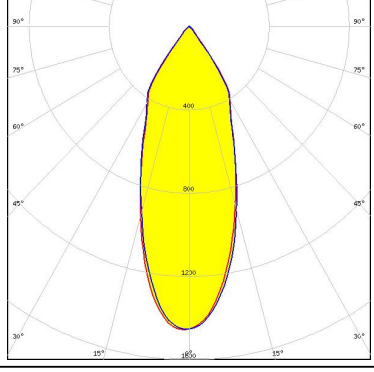
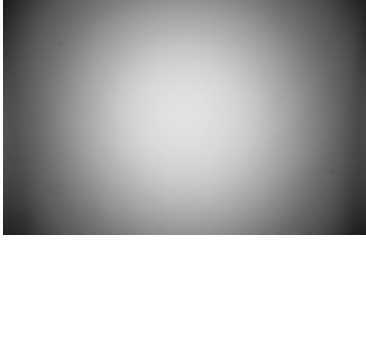
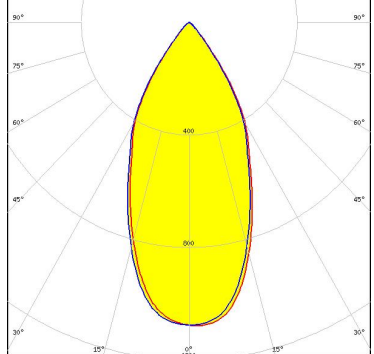
Component	Type	Material	Colour	Coating
ANGELA-W	Reflector	PC	metal	HMDS



PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V13 Gen7 FWHM 34.0° Efficiency 83 % Peak intensity 1.600 cd/lm Required components: TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		
<p>bridgelux.</p> <p>LED V13 Gen7 FWHM 37.0° Efficiency 78 % Peak intensity 1.400 cd/lm Required components: F13671_ANGE-RZ-LENS TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1</p>		
<p>bridgelux.</p> <p>LED V15 Gen6 FWHM 35.0° Efficiency 84 % Peak intensity 1.700 cd/lm Required components: C13658_CLAMP-VERO13-18 Bender Wirth: 456 Typ L2</p>		
<p>bridgelux.</p> <p>LED Vero SE 13 FWHM 34.0° Efficiency 83 % Peak intensity 1.600 cd/lm Required components: C16402_CLAMP-VEROSE-13-18</p>		

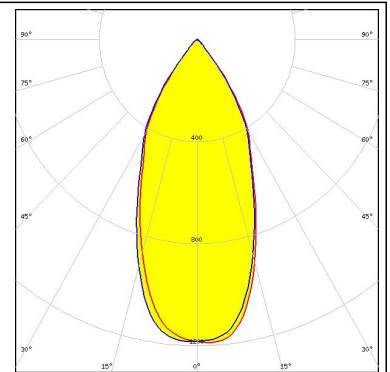
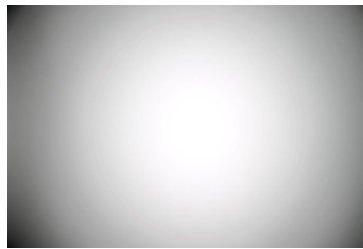
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED Vero SE 18</p> <p>FWHM 39.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 1.400 cd/lm</p> <p>Required components:</p> <p> C16402_CLAMP-VEROSE-13-18</p>		
<p>bridgelux.</p> <p>LED VERO13</p> <p>FWHM 33.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 1.700 cd/lm</p> <p>Required components:</p> <p> C13658_CLAMP-VERO13-18</p>		
<p>bridgelux.</p> <p>LED VERO18</p> <p>FWHM 38.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 1.500 cd/lm</p> <p>Required components:</p> <p> C13658_CLAMP-VERO13-18</p>		
<p>bridgelux.</p> <p>LED VERO29</p> <p>FWHM 48.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 1.080 cd/lm</p> <p>Required components:</p> <p> C13584_CLAMP-VERO29</p> <p> F13671_ANGE-RZ-LENS</p>		

PHOTOMETRIC DATA (MEASURED):

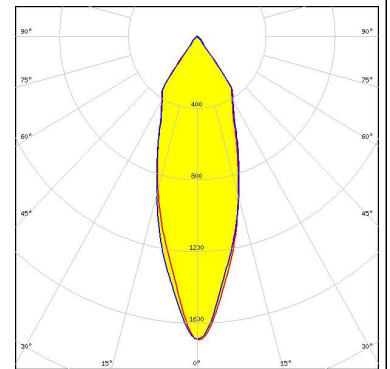
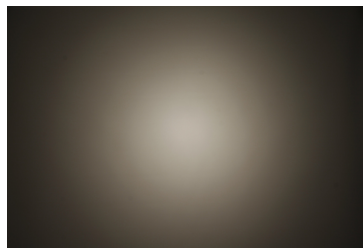


LED VERO29
FWHM 46.0°
Efficiency 82 %
Peak intensity 1.190 cd/lm
Required components:
C13584_CLAMP-VERO29



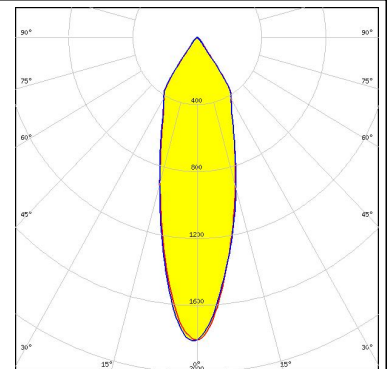
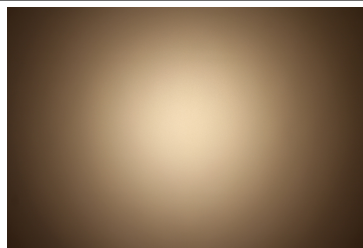
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 33.0°
Efficiency 83 %
Peak intensity 1.700 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 434 Typ L1



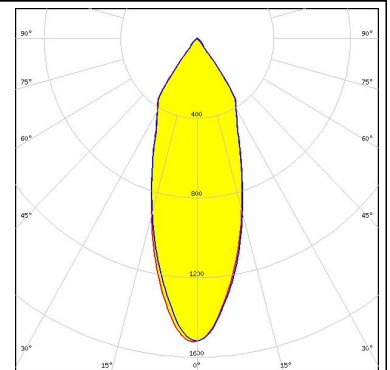
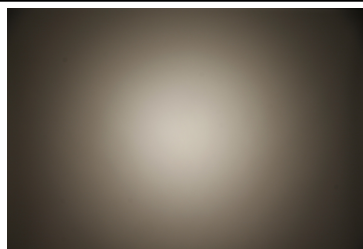
CITIZEN

LED CLL03x/CLU03x
FWHM 30.0°
Efficiency 83 %
Peak intensity 1.800 cd/lm
Required components:
IDEAL: 50-2103CT + 50-2100AN



CITIZEN

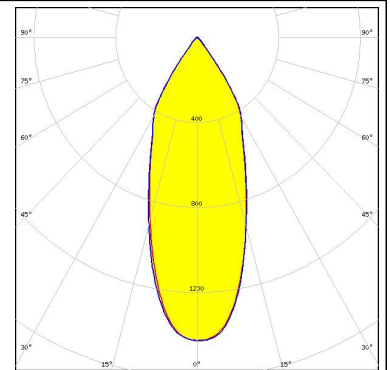
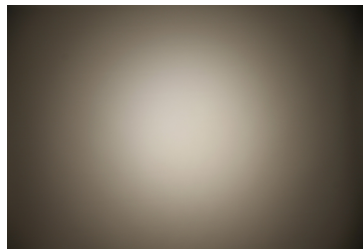
LED CLL03x/CLU03x
FWHM 36.0°
Efficiency 82 %
Peak intensity 1.500 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 433 Typ L1



PHOTOMETRIC DATA (MEASURED):

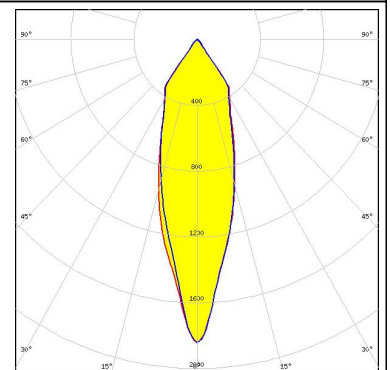
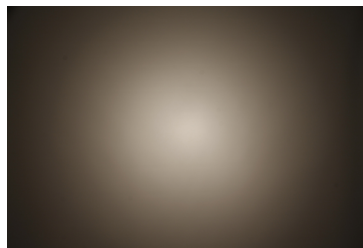
CITIZEN

LED CLL04x/CLU04x
FWHM 39.0°
Efficiency 83 %
Peak intensity 1.400 cd/lm
Required components:
C13584_CLAMP-VERO29
Bender Wirth: 431 Typ L3



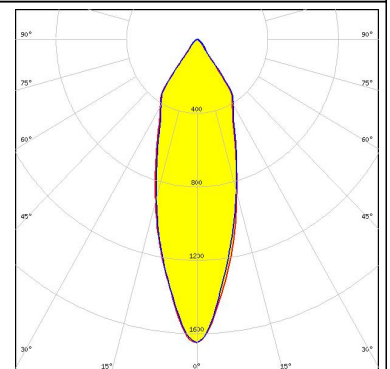
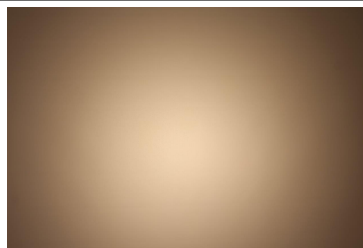
CITIZEN

LED CLU700/701
FWHM 30.0°
Efficiency 82 %
Peak intensity 1.800 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 434 Typ L1



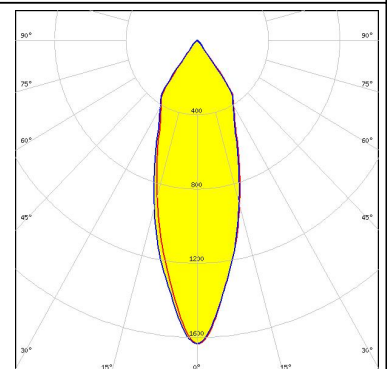
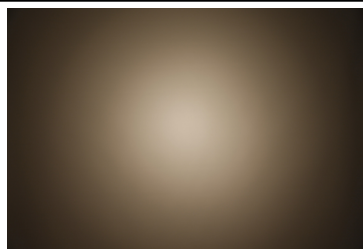
CITIZEN

LED CLU720/721
FWHM 32.0°
Efficiency 85 %
Peak intensity 1.700 cd/lm
Required components:
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



CITIZEN

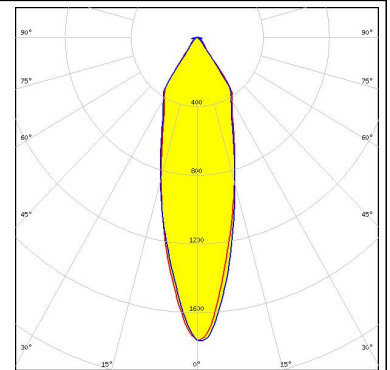
LED CLU720/721
FWHM 34.0°
Efficiency 82 %
Peak intensity 1.600 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 433 Typ L1



PHOTOMETRIC DATA (MEASURED):

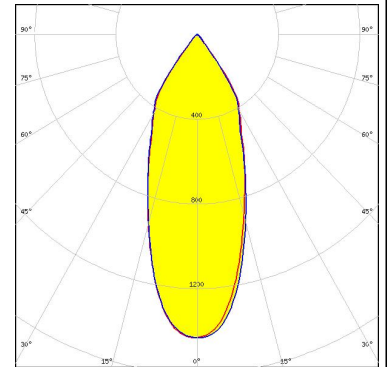
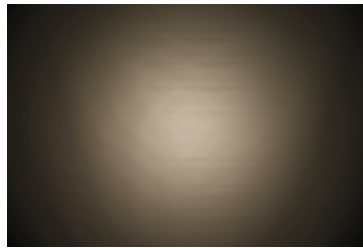
CITIZEN

LED CLU720/721
 FWHM 29.0°
 Efficiency 85 %
 Peak intensity 1.800 cd/lm
 Required components:
 IDEAL: 50-2103CT + 50-2100AN



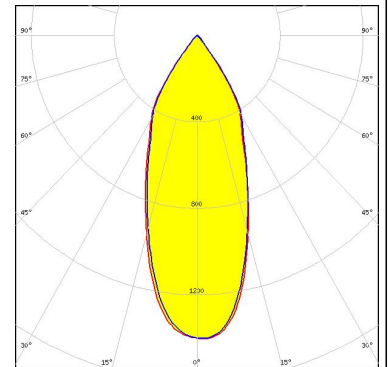
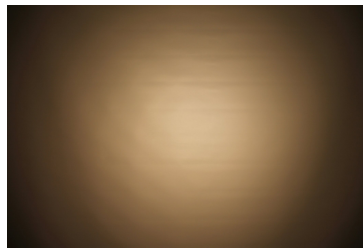
CREE

LED CMA2550
 FWHM 39.0°
 Efficiency 84 %
 Peak intensity 1.400 cd/lm
 Required components:
 C14036_CLAMP_CXA25-30



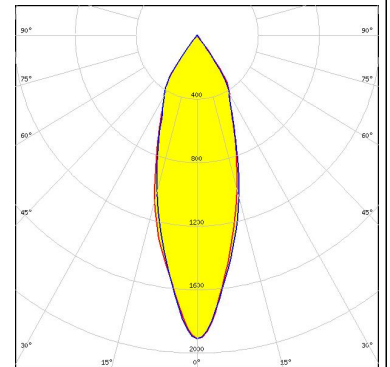
CREE

LED CMA3090
 FWHM 40.0°
 Efficiency 84 %
 Peak intensity 1.400 cd/lm
 Required components:
 C14036_CLAMP_CXA25-30



CREE

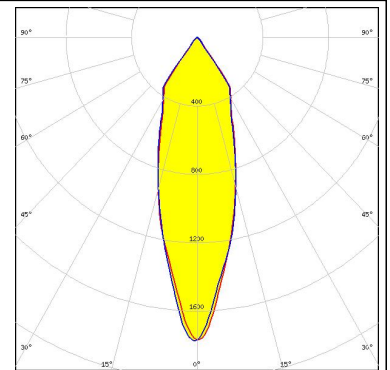
LED CXA/B 15xx
 FWHM 33.0°
 Efficiency 84 %
 Peak intensity 1.900 cd/lm
 Required components:
 C14123_CLAMP-CXA15-18



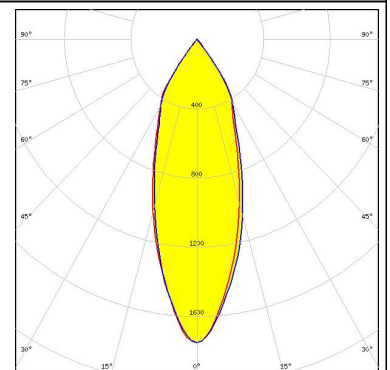
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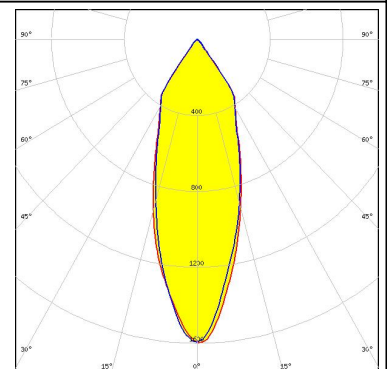
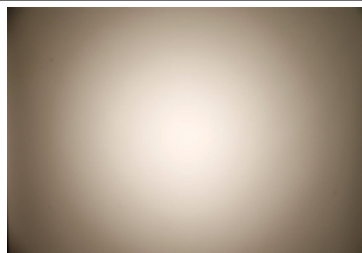
LED CXA/B 15xx
 FWHM 31.0°
 Efficiency 83 %
 Peak intensity 1.800 cd/lm
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 441 Typ L1



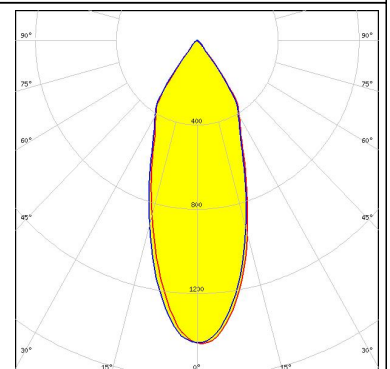
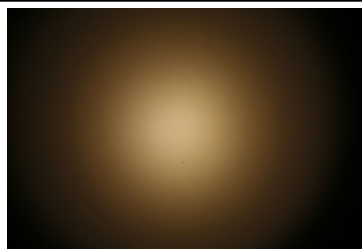
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM 36.0°
 Efficiency 84 %
 Peak intensity 1.800 cd/lm
 Required components:
 C14123_CLAMP-CXA15-18



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM 34.0°
 Efficiency 82 %
 Peak intensity 1.600 cd/lm
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 437 Typ L1



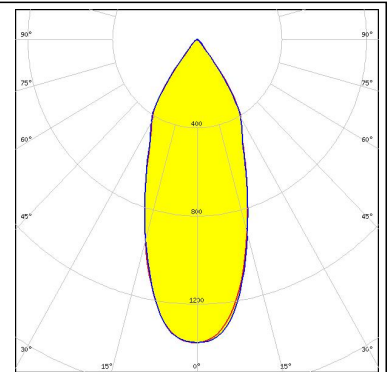
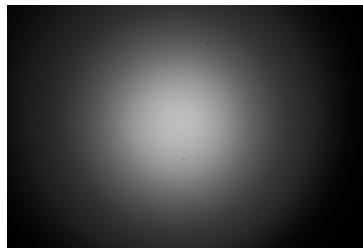
LED CXA/B 25xx
 FWHM 38.0°
 Efficiency 84 %
 Peak intensity 1.400 cd/lm
 Required components:
 C14036_CLAMP_CXA25-30



PHOTOMETRIC DATA (MEASURED):

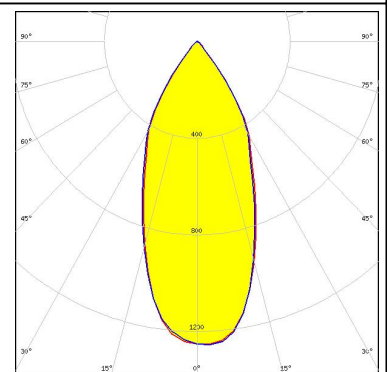
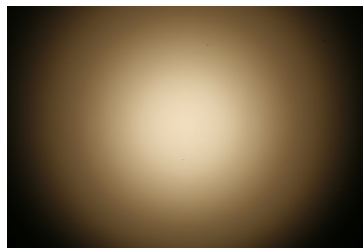
CREE 

LED CXA/B 30xx
 FWHM 41.0°
 Efficiency 84 %
 Peak intensity 1.400 cd/lm
 Required components:
 C14036_CLAMP_CXA25-30



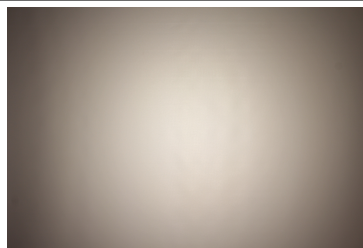
CREE 

LED CXA/B 3590
 FWHM 44.0°
 Efficiency 84 %
 Peak intensity 1.260 cd/lm
 Required components:
 IDEAL: 50-2303CR + 50-2300AN



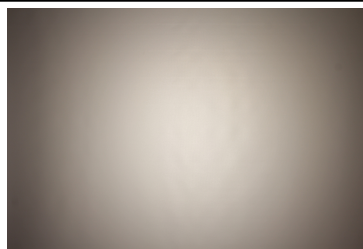
EVERLIGHT

LED CHI3030 19W
 FWHM 40.0°
 Efficiency 80 %
 Peak intensity 1.400 cd/lm
 Required components:
 C13584_CLAMP-VERO29
 F13671_ANGE-RZ-LENS
 Bender Wirth: 468 Typ L3



EVERLIGHT

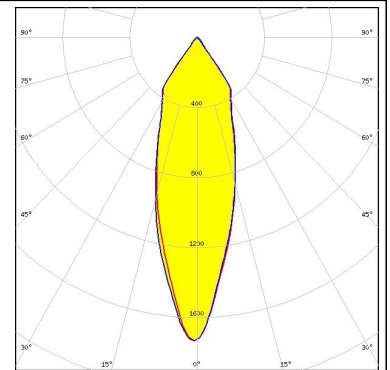
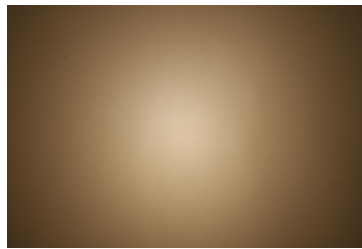
LED CHI3030 29W
 FWHM 43.0°
 Efficiency 80 %
 Peak intensity 1.300 cd/lm
 Required components:
 C13584_CLAMP-VERO29
 F13671_ANGE-RZ-LENS
 Bender Wirth: 468 Typ L3



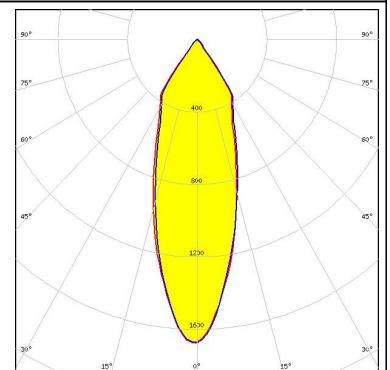
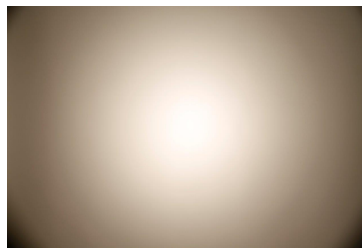
PHOTOMETRIC DATA (MEASURED):



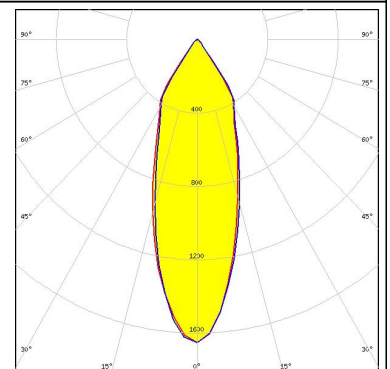
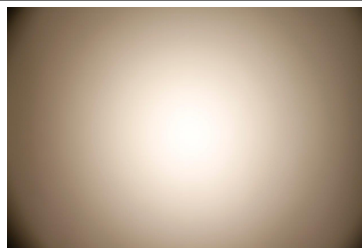
LED LUXEON CoB 1202/1203
 FWHM 31.0°
 Efficiency 83 %
 Peak intensity 1.700 cd/lm
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 438 Typ L1



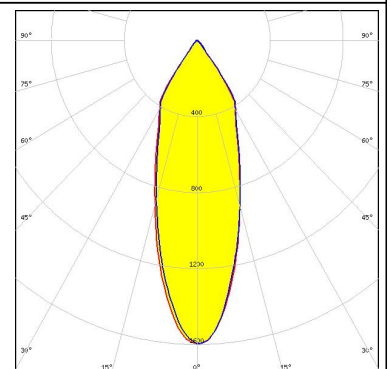
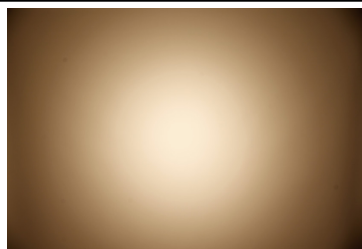
LED LUXEON CoB 1204/1205
 FWHM 33.0°
 Efficiency 84 %
 Peak intensity 1.680 cd/lm
 Required components:
 TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED LUXEON CoB 1208
 FWHM 34.0°
 Efficiency 84 %
 Peak intensity 1.660 cd/lm
 Required components:
 TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



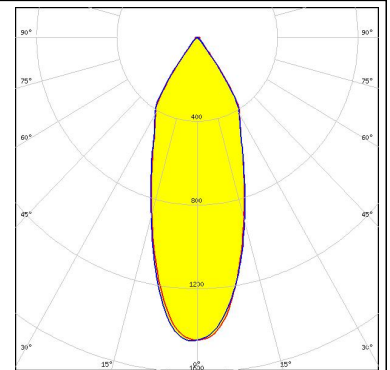
LED LUXEON CoB 1208
 FWHM 34.0°
 Efficiency 82 %
 Peak intensity 1.600 cd/lm
 Required components:
 IDEAL: 50-2100SH + 50-2100AN



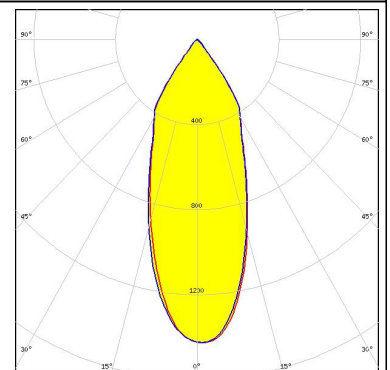
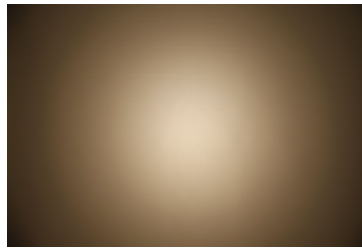
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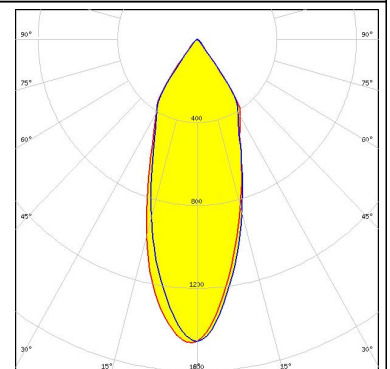
LED LUXEON CoB 1211
 FWHM 37.0°
 Efficiency 82 %
 Peak intensity 1.500 cd/lm
 Required components:
 IDEAL: 50-2204-CT + 50-2100AN



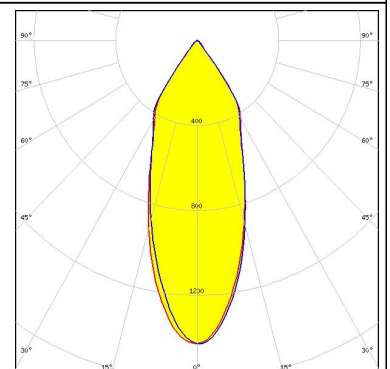
LED LUXEON CoB 1211
 FWHM 39.0°
 Efficiency 83 %
 Peak intensity 1.400 cd/lm
 Required components:
 C13584_CLAMP-VERO29
 Bender Wirth: 431 Typ L3



LED LUXEON K12
 FWHM 37.0°
 Efficiency 82 %
 Peak intensity 1.500 cd/lm
 Required components:
 F13671_ANGE-RZ-LENS
 TE: 2213134-2 + OPTIC CLIP Z50 TYPE1 2213194-1



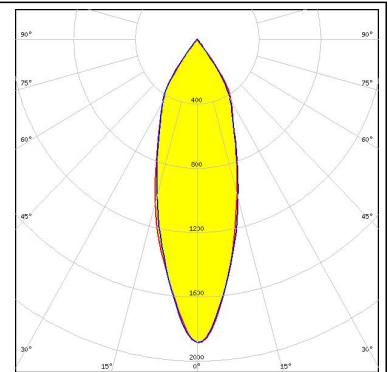
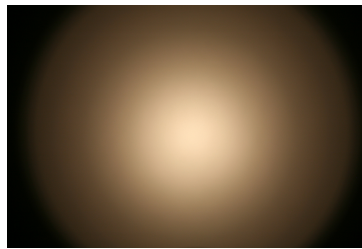
LED LUXEON K16
 FWHM 38.0°
 Efficiency 83 %
 Peak intensity 1.400 cd/lm
 Required components:
 F13671_ANGE-RZ-LENS
 TE: 2213134-2 + OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (MEASURED):

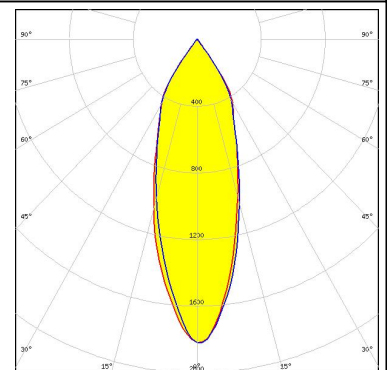
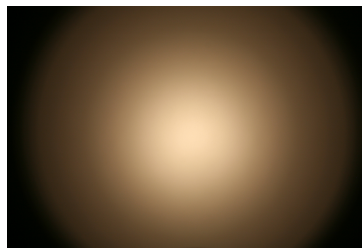
LUMILEDS

LED LUXEON S2000
 FWHM 34.0°
 Efficiency 84 %
 Peak intensity 1.900 cd/lm
 Required components:
 C13395_CLAMP-S2000



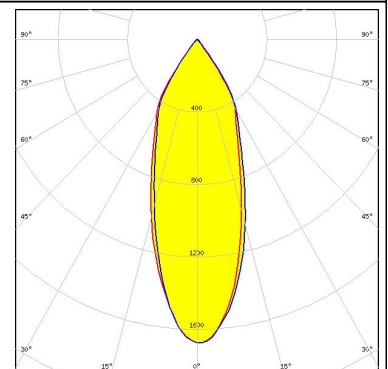
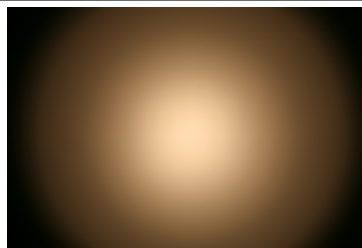
LUMILEDS

LED LUXEON S3000
 FWHM 34.0°
 Efficiency 84 %
 Peak intensity 1.800 cd/lm
 Required components:
 C13397_CLAMP-S3000



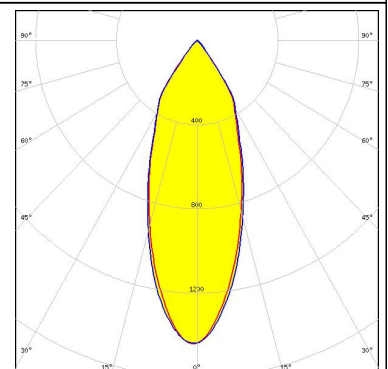
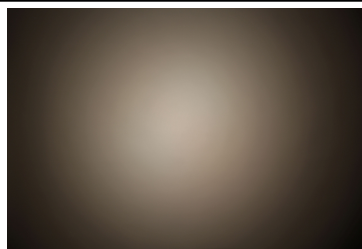
LUMILEDS

LED LUXEON S5000
 FWHM 37.0°
 Efficiency 85 %
 Peak intensity 1.700 cd/lm
 Required components:
 C13399_CLAMP-S5000



LUMINUS

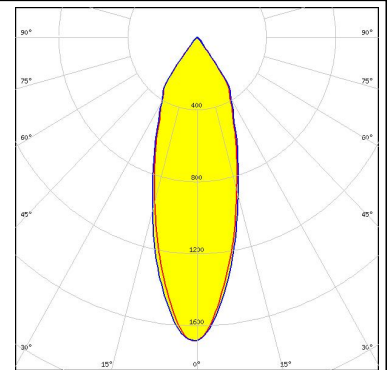
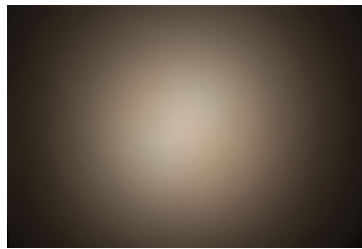
LED CDM-14 (Dim-To-Warm)
 FWHM 38.0°
 Efficiency 80 %
 Peak intensity 1.400 cd/lm
 Required components:
 C13658_CLAMP-VERO13-18
 F13671_ANGE-RZ-LENS
 Bender Wirth: 491 Typ L2



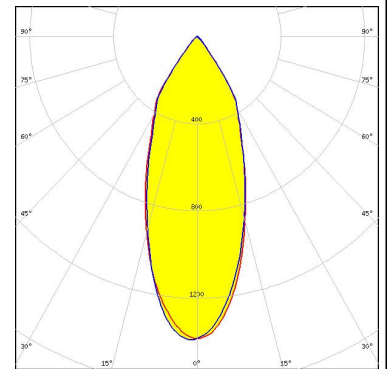
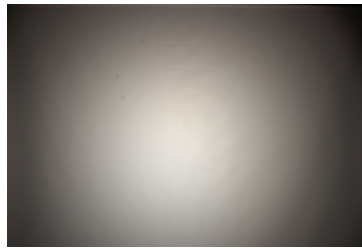
PHOTOMETRIC DATA (MEASURED):



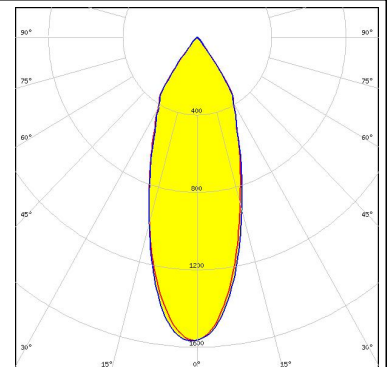
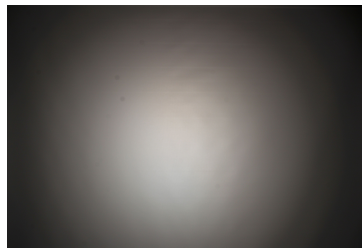
LED CDM-14 (Dim-To-Warm)
 FWHM 34.0°
 Efficiency 84 %
 Peak intensity 1.700 cd/lm
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 491 Typ L2



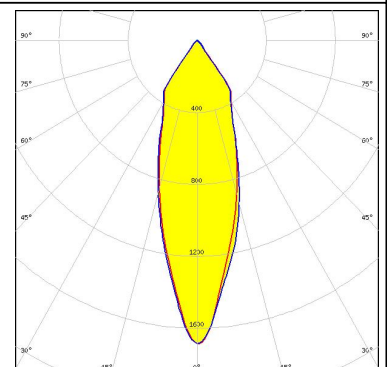
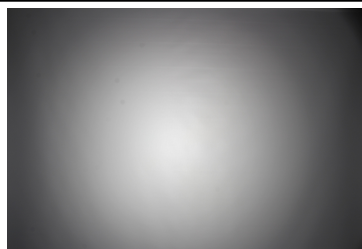
LED CDM-18 (Dim-To-Warm)
 FWHM 40.0°
 Efficiency 81 %
 Peak intensity 1.400 cd/lm
 Required components:
 C13658_CLAMP-VERO13-18
 F13671_ANGE-RZ-LENS
 Bender Wirth: 491 Typ L2



LED CDM-18 (Dim-To-Warm)
 FWHM 37.0°
 Efficiency 85 %
 Peak intensity 1.600 cd/lm
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 491 Typ L2



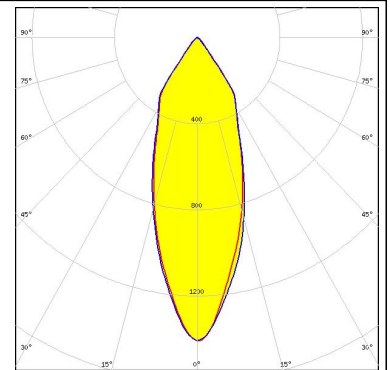
LED CDM-9 (Dim-To-Warm)
 FWHM 32.0°
 Efficiency 80 %
 Peak intensity 1.700 cd/lm
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 490 Typ L1



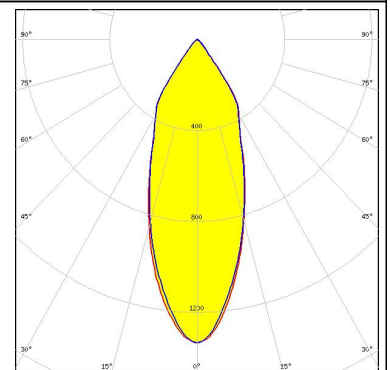
PHOTOMETRIC DATA (MEASURED):



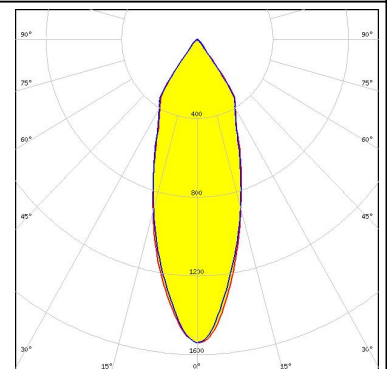
LED CDM-9 (Dim-To-Warm)
 FWHM 36.0°
 Efficiency 76 %
 Peak intensity 1.400 cd/lm
 Required components:
 C13658_CLAMP-VERO13-18
 F13671_ANGE-RZ-LENS
 Bender Wirth: 490 Typ L1



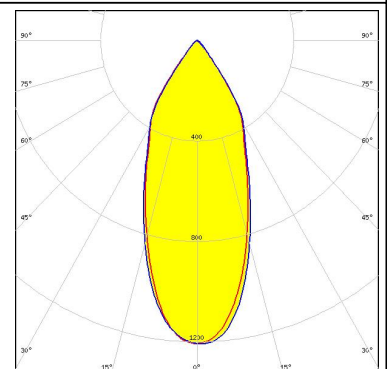
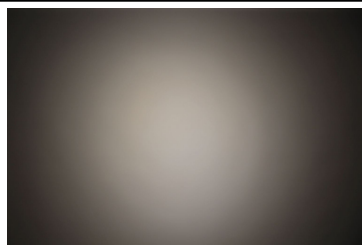
LED CTM-14 (Tunable White)
 FWHM 38.0°
 Efficiency 76 %
 Peak intensity 1.300 cd/lm
 Required components:
 C13584_CLAMP-VERO29
 F13671_ANGE-RZ-LENS
 Bender Wirth: 442 Typ L3



LED CTM-14 (Tunable White)
 FWHM 35.0°
 Efficiency 80 %
 Peak intensity 1.500 cd/lm
 Required components:
 C13584_CLAMP-VERO29
 Bender Wirth: 442 Typ L3



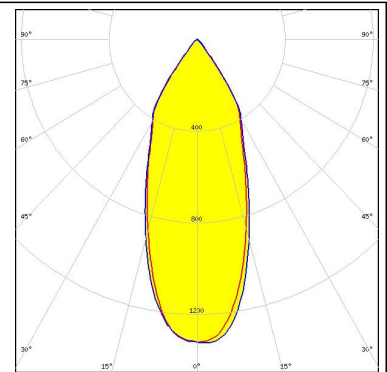
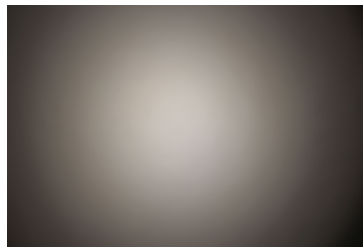
LED CTM-22 (Tunable White)
 FWHM 42.0°
 Efficiency 76 %
 Peak intensity 1.200 cd/lm
 Required components:
 C13584_CLAMP-VERO29
 F13671_ANGE-RZ-LENS
 Bender Wirth: 494 Typ L3



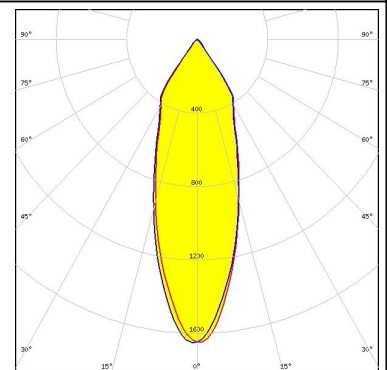
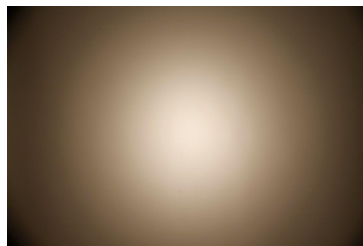
PHOTOMETRIC DATA (MEASURED):



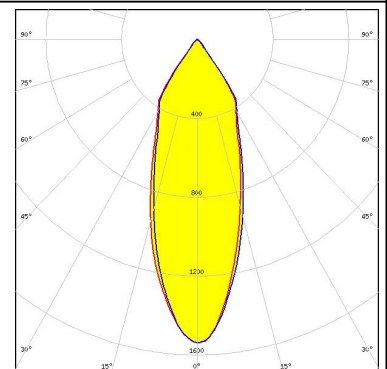
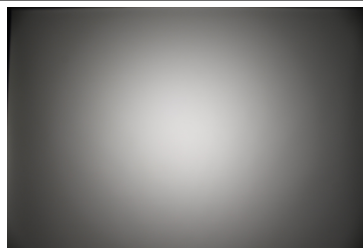
LED CTM-22 (Tunable White)
 FWHM 40.0°
 Efficiency 80 %
 Peak intensity 1.300 cd/lm
 Required components:
 C13584_CLAMP-VERO29
 Bender Wirth: 494 Typ L3



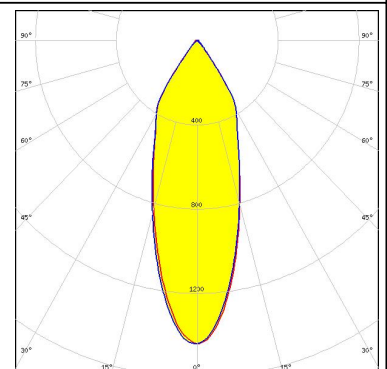
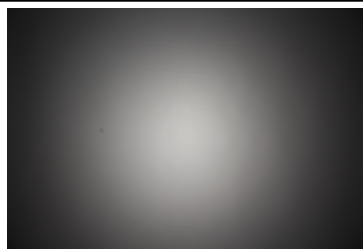
LED CXM-14
 FWHM 34.0°
 Efficiency 84 %
 Peak intensity 1.660 cd/lm
 Required components:
 TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED COB J-Type
 FWHM 36.0°
 Efficiency 82 %
 Peak intensity 1.500 cd/lm
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 463 Typ L2



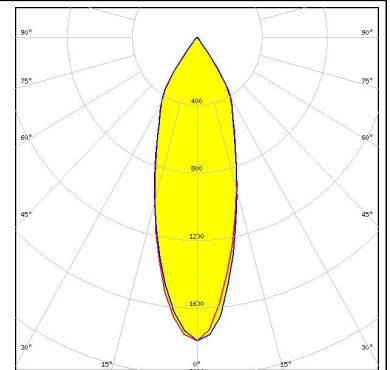
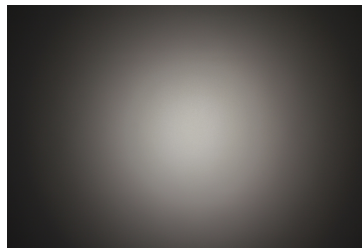
LED COB J-Type
 FWHM 35.0°
 Efficiency 79 %
 Peak intensity 1.400 cd/lm
 Required components:
 F13671_ANGE-RZ-LENS
 IDEAL: 50-2103NC + 50-2100AN



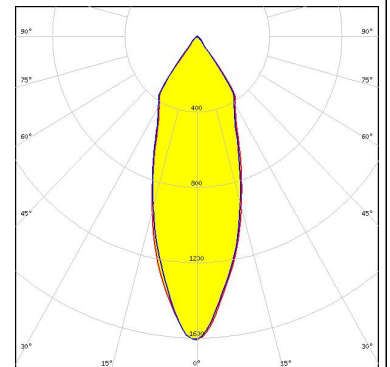
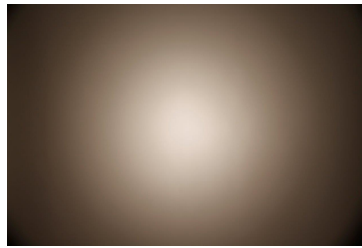
PHOTOMETRIC DATA (MEASURED):



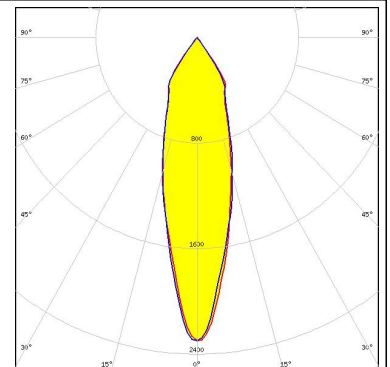
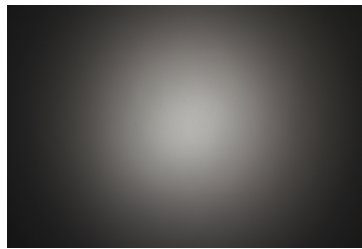
LED COB J-Type
 FWHM 33.0°
 Efficiency 82 %
 Peak intensity 1.790 cd/lm
 Required components:
 IDEAL: 50-2103NC + 50-2100AN



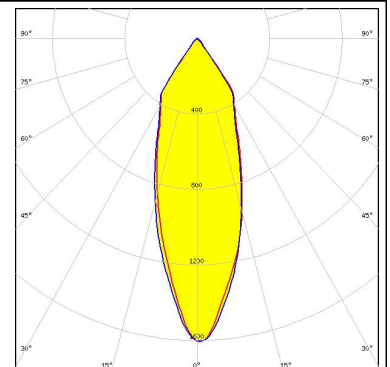
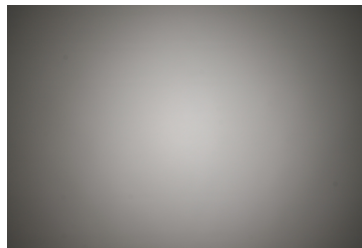
LED COB L-Type (LES 11)
 FWHM 35.0°
 Efficiency 85 %
 Peak intensity 1.610 cd/lm
 Required components:
 Molex: 180580-0005



LED COB L-Type (LES 11)
 FWHM 28.0°
 Efficiency 87 %
 Peak intensity 2.300 cd/lm
 Required components:
 TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



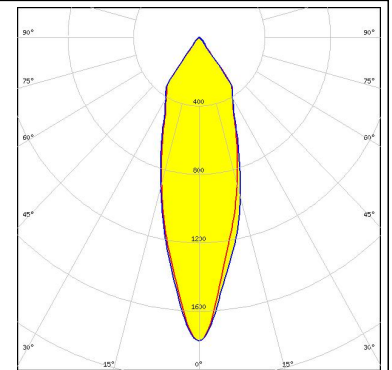
LED COB L-Type (LES 11)
 FWHM 34.0°
 Efficiency 82 %
 Peak intensity 1.600 cd/lm
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 438 Typ L1



PHOTOMETRIC DATA (MEASURED):

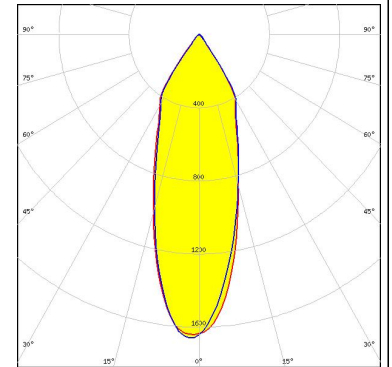


LED COB L-Type (LES 9)
FWHM 31.0°
Efficiency 84 %
Peak intensity 1.800 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 438 Typ L1



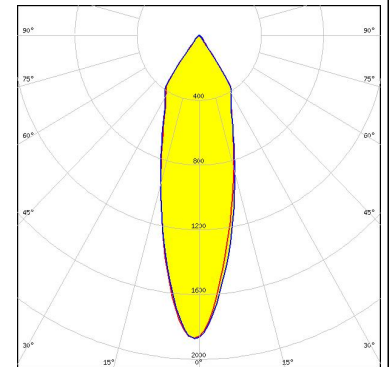
OSRAM

LED PrevaLED Core AC (LEP-2000)
FWHM 34.0°
Efficiency 84 %
Peak intensity 1.670 cd/lm
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



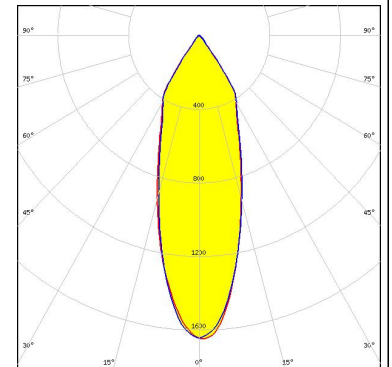
OSRAM

LED PrevaLED Core AC (LEP-800)
FWHM 29.0°
Efficiency 84 %
Peak intensity 1.880 cd/lm
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



OSRAM

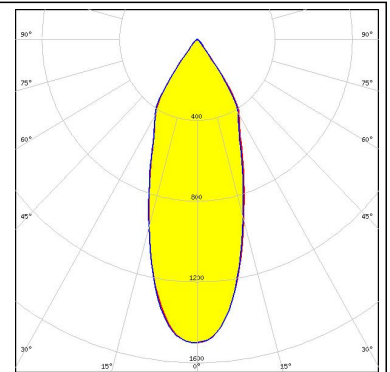
LED PrevaLED Core Z3 LES19
FWHM 33.0°
Efficiency 83 %
Peak intensity 1.650 cd/lm
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (MEASURED):

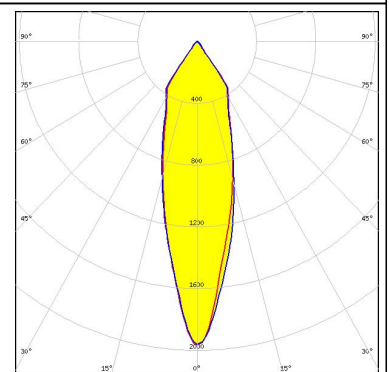
OSRAM

LED PrevaLED Core Z3 LES23
FWHM 38.0°
Efficiency 85 %
Peak intensity 1.500 cd/lm
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



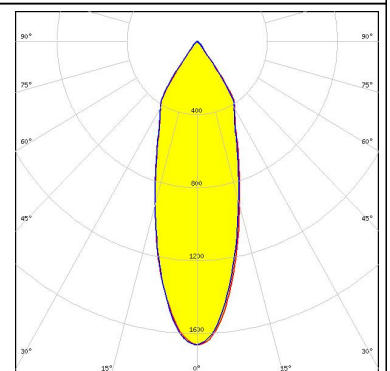
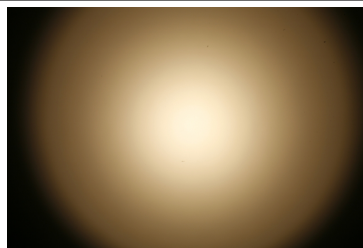
OSRAM

LED PrevaLED Core Z3 LES9
FWHM 28.0°
Efficiency 84 %
Peak intensity 1.960 cd/lm
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



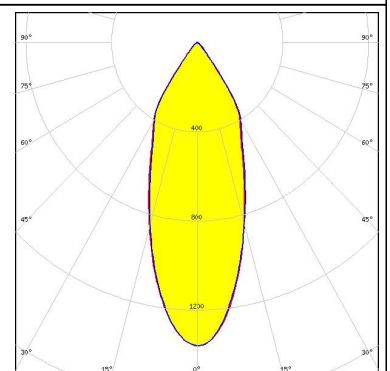
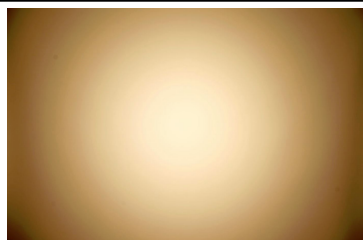
OSRAM

LED PrevaLED Core Z4 LES19
FWHM 34.0°
Efficiency 84 %
Peak intensity 1.700 cd/lm
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



OSRAM

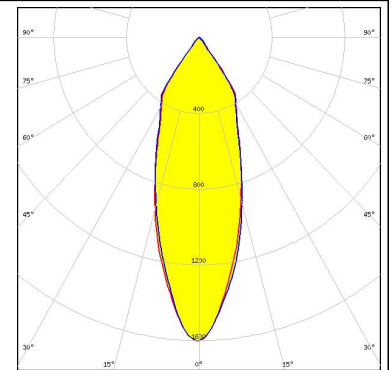
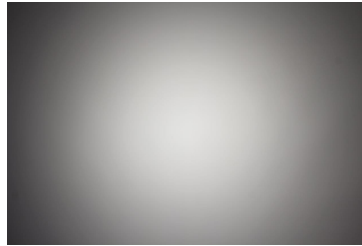
LED PrevaLED Core Z4 LES19
FWHM 38.0°
Efficiency 78 %
Peak intensity 1.400 cd/lm
Required components:
F13671_ANGE-RZ-LENS
TE: OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (MEASURED):

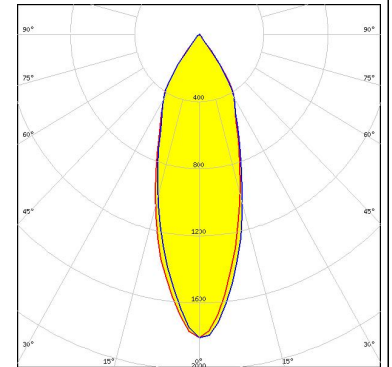
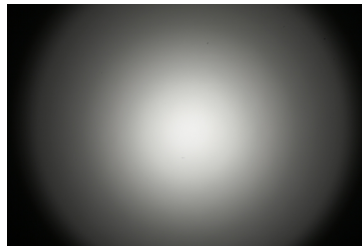
OSRAM
Opto Semiconductors

LED Soleriq S13
 FWHM 35.0°
 Efficiency 82 %
 Peak intensity 1.600 cd/lm
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 437 Typ L1



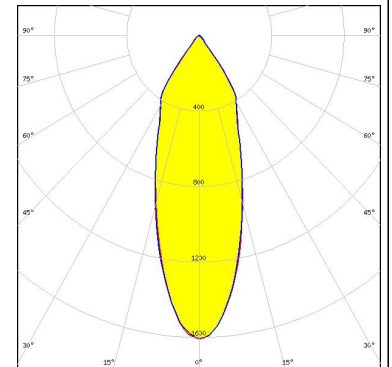
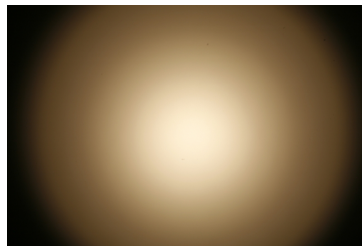
OSRAM
Opto Semiconductors

LED Soleriq S13
 FWHM 33.0°
 Efficiency 85 %
 Peak intensity 1.800 cd/lm
 Required components:
 TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



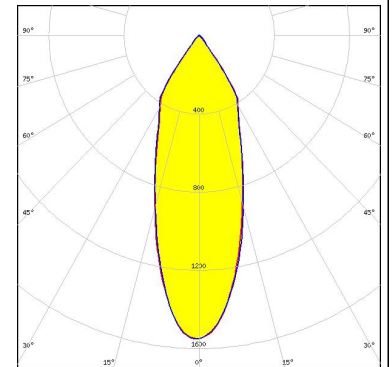
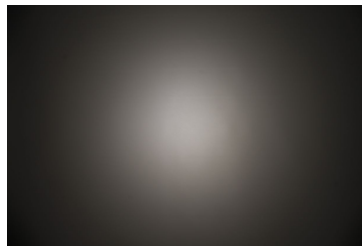
OSRAM
Opto Semiconductors

LED Soleriq S19
 FWHM 35.0°
 Efficiency 84 %
 Peak intensity 1.610 cd/lm
 Required components:
 TE: 2213407-2 + OPTIC CLIP Z50 TYPE1 2213194-1



OSRAM
Opto Semiconductors

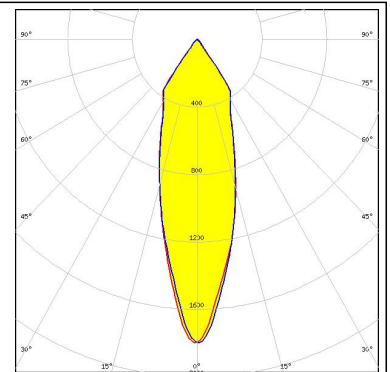
LED Soleriq S19
 FWHM 35.0°
 Efficiency 82 %
 Peak intensity 1.600 cd/lm
 Required components:
 C13584_CLAMP-VERO29
 Bender Wirth: 462 Typ L3



PHOTOMETRIC DATA (MEASURED):

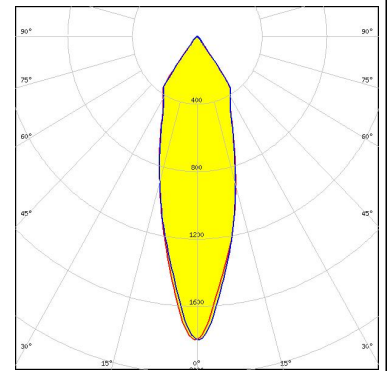
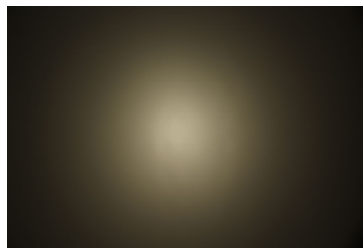
PHILIPS

LED Fortimo SLM L09 Standard
FWHM 30.0°
Efficiency 83 %
Peak intensity 1.800 cd/lm
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



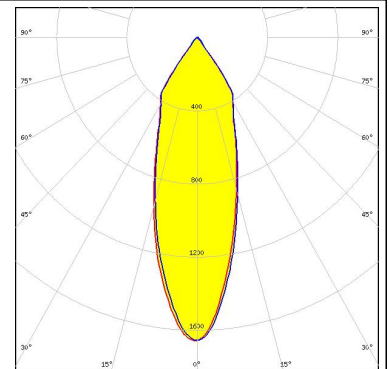
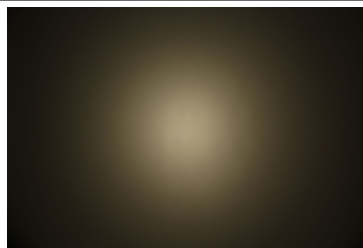
PHILIPS

LED Fortimo SLM L09 Standard
FWHM 30.0°
Efficiency 83 %
Peak intensity 1.800 cd/lm
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



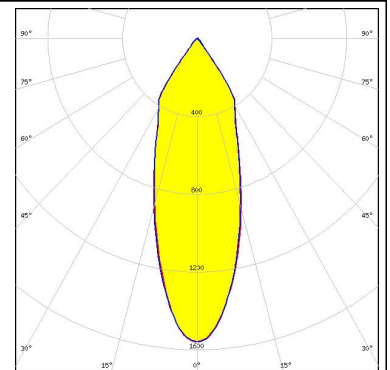
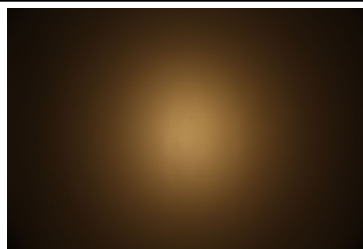
PHILIPS

LED Fortimo SLM L13 Standard
FWHM 33.0°
Efficiency 82 %
Peak intensity 1.700 cd/lm
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



PHILIPS

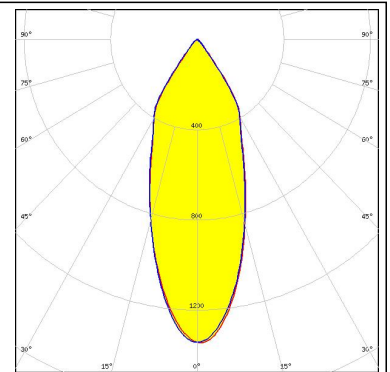
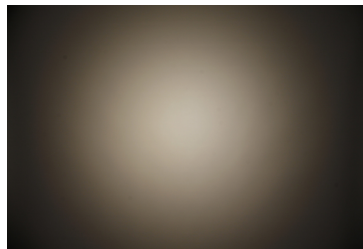
LED Fortimo SLM L15 Standard
FWHM 34.0°
Efficiency 81 %
Peak intensity 1.560 cd/lm
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (MEASURED):

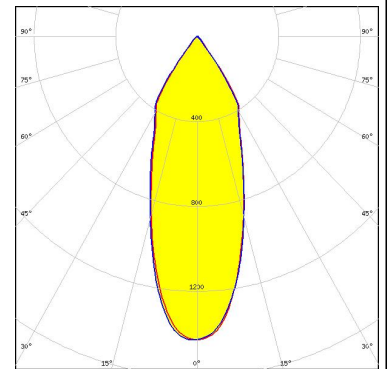
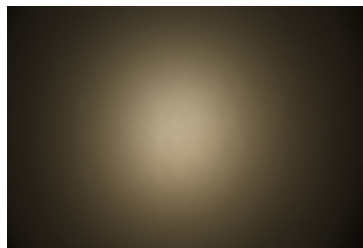
PHILIPS

LED Fortimo SLM L15 Standard
FWHM 38.0°
Efficiency 76 %
Peak intensity 1.300 cd/lm
Required components:
F13671_ANGE-RZ-LENS
TE: OPTIC CLIP Z50 TYPE1 2213194-1



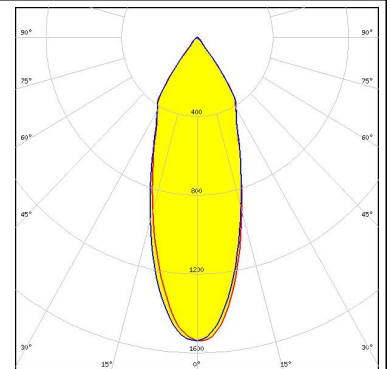
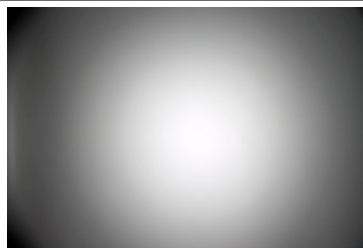
PHILIPS

LED Fortimo SLM L19 Standard
FWHM 37.0°
Efficiency 80 %
Peak intensity 1.430 cd/lm
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



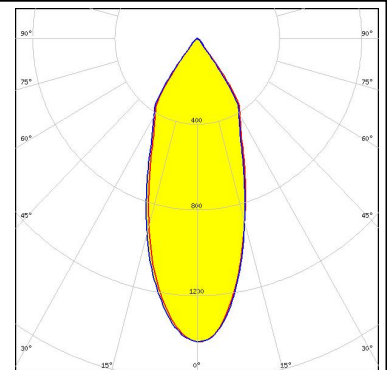
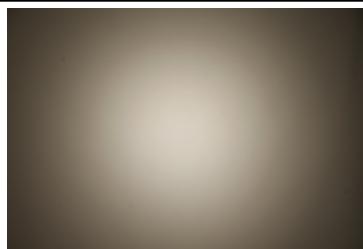
SAMSUNG

LED LC026B / 033B / 040B
FWHM 36.0°
Efficiency 84 %
Peak intensity 1.500 cd/lm
Required components:
TE: 2213258-2 + OPTIC CLIP Z50 TYPE1 2213194-1



SAMSUNG

LED LC026B / 033B / 040B
FWHM 39.0°
Efficiency 82 %
Peak intensity 1.400 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 450 Typ L2

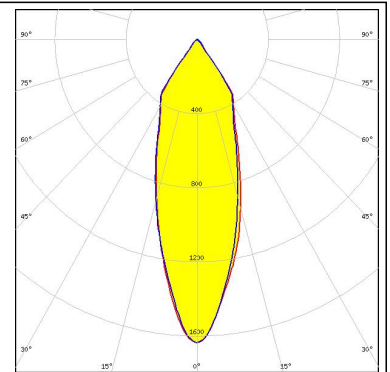


PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LC040C
 FWHM 33.0°
 Efficiency 82 %
 Peak intensity 1.600 cd/lm
 Required components:

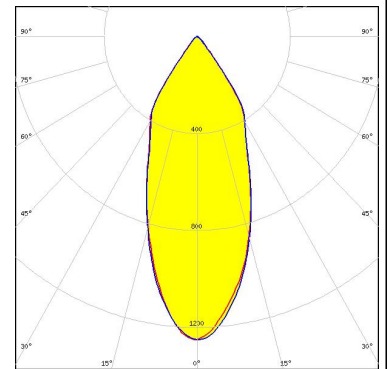
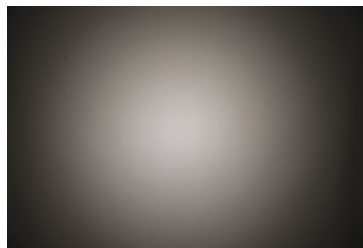
TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



SEOUL SEMICONDUCTOR

LED AC Zhaga COB
 FWHM 41.0°
 Efficiency 79 %
 Peak intensity 1.300 cd/lm
 Required components:

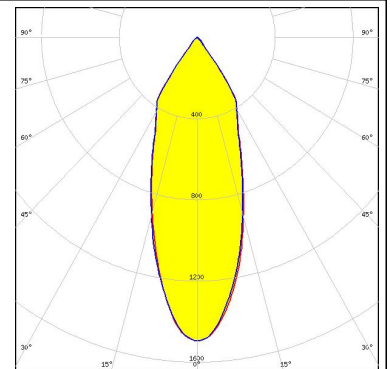
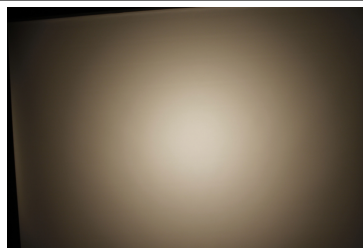
F13671_ANGE-RZ-LENS
 Optosource: SEHSMJD-A



SEOUL SEMICONDUCTOR

LED MJT COB LES 14.5
 FWHM 37.0°
 Efficiency 82 %
 Peak intensity 1.500 cd/lm
 Required components:

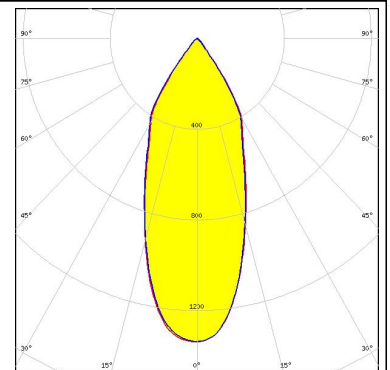
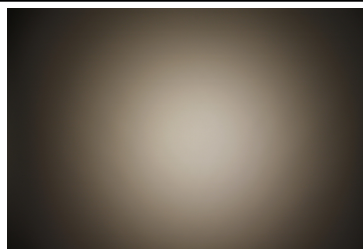
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



SEOUL SEMICONDUCTOR

LED MJT COB LES 22
 FWHM 40.0°
 Efficiency 81 %
 Peak intensity 1.300 cd/lm
 Required components:

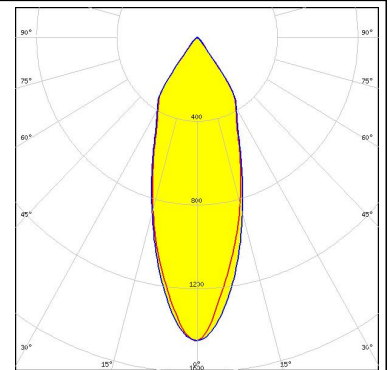
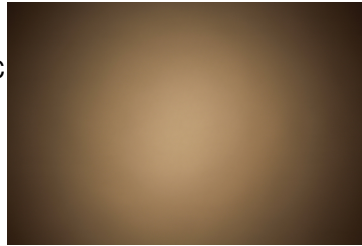
C13584_CLAMP-VERO29
 Bender Wirth: 431 Typ L3



PHOTOMETRIC DATA (MEASURED):

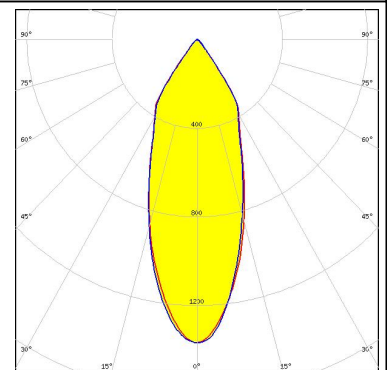
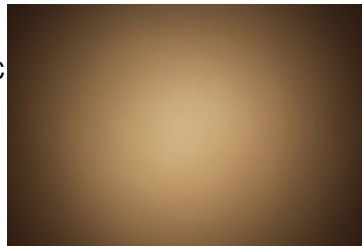
TRIDONIC

LED SLE G1 11mm 1000lm 927 Sunset R EXC
FWHM 35.0°
Efficiency 78 %
Peak intensity 1.500 cd/lm
Required components:
F13671_ANGE-RZ-LENS
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



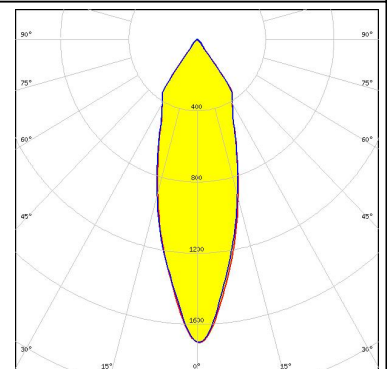
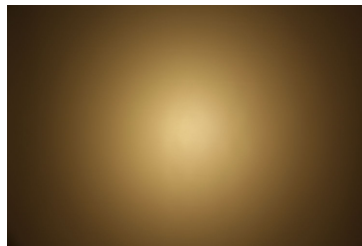
TRIDONIC

LED SLE G1 15mm 2000lm 927 Sunset R EXC
FWHM 38.0°
Efficiency 78 %
Peak intensity 1.400 cd/lm
Required components:
F13671_ANGE-RZ-LENS
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



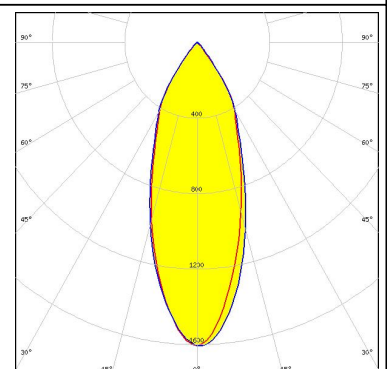
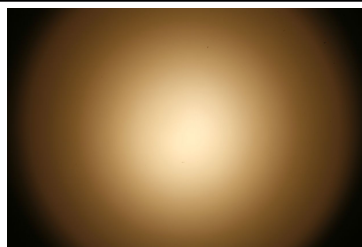
TRIDONIC

LED SLE G5 LES11
FWHM 32.0°
Efficiency 83 %
Peak intensity 1.700 cd/lm
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 434 Typ L1



VS LIGHTING SOLUTIONS

LED WU-M-461
FWHM 37.0°
Efficiency 84 %
Peak intensity 1.600 cd/lm
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (MEASURED):



LED WU-M-462

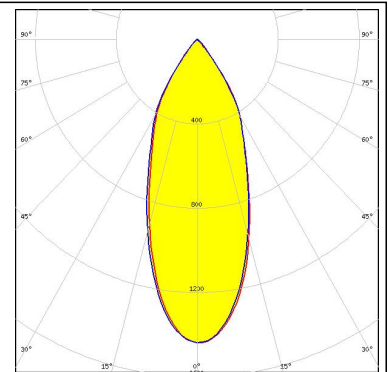
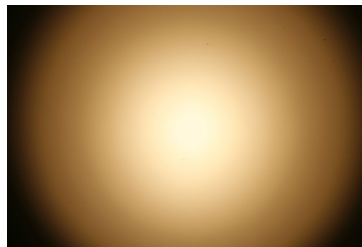
FWHM 41.0°

Efficiency 83 %

Peak intensity 1.440 cd/lm

Required components:

TE: OPTIC CLIP Z50 TYPE1 2213194-1



LED WU-M-464

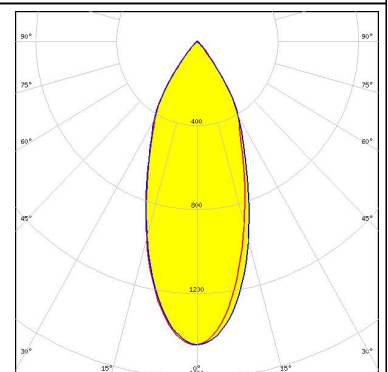
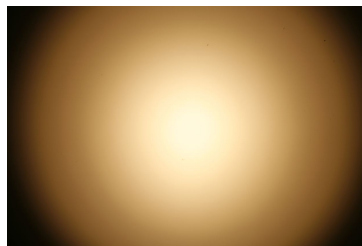
FWHM 41.0°

Efficiency 83 %

Peak intensity 1.440 cd/lm

Required components:

TE: OPTIC CLIP Z50 TYPE1 2213194-1



LED WU-M-484

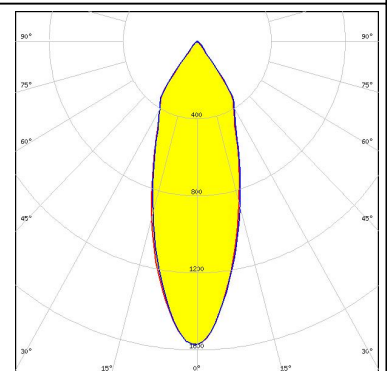
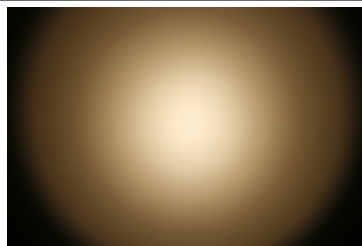
FWHM 35.0°

Efficiency 83 %

Peak intensity 1.570 cd/lm

Required components:

TE: OPTIC CLIP Z50 TYPE1 2213194-1



LED WU-M-485

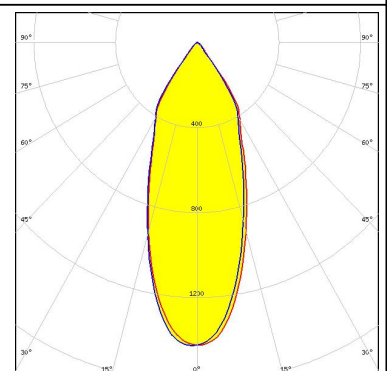
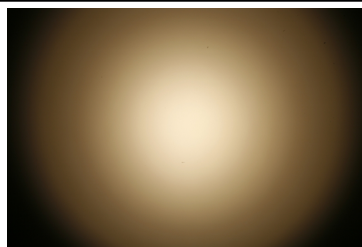
FWHM 39.0°

Efficiency 83 %

Peak intensity 1.430 cd/lm

Required components:

TE: OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (MEASURED):



LED WU-M-486
FWHM 39.0°
Efficiency 83 %
Peak intensity 1.430 cd/lm

Required components:

TE: OPTIC CLIP Z50 TYPE1 2213194-1

