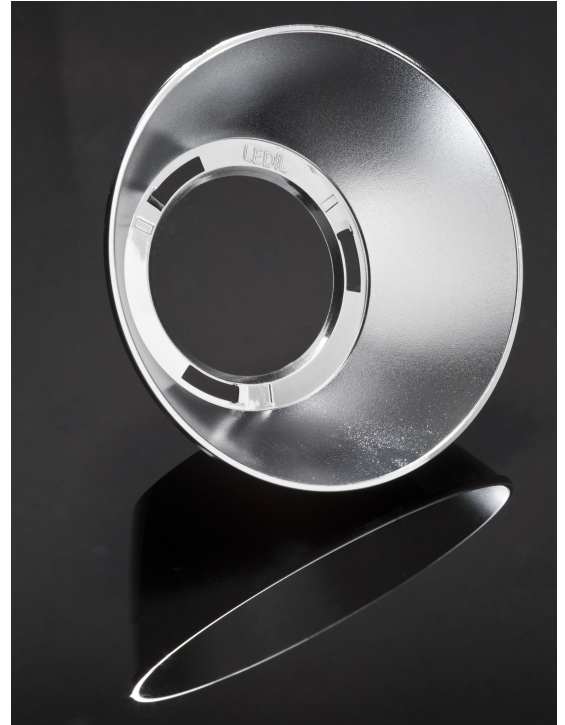


ANGELINA-S

~20° spot beam

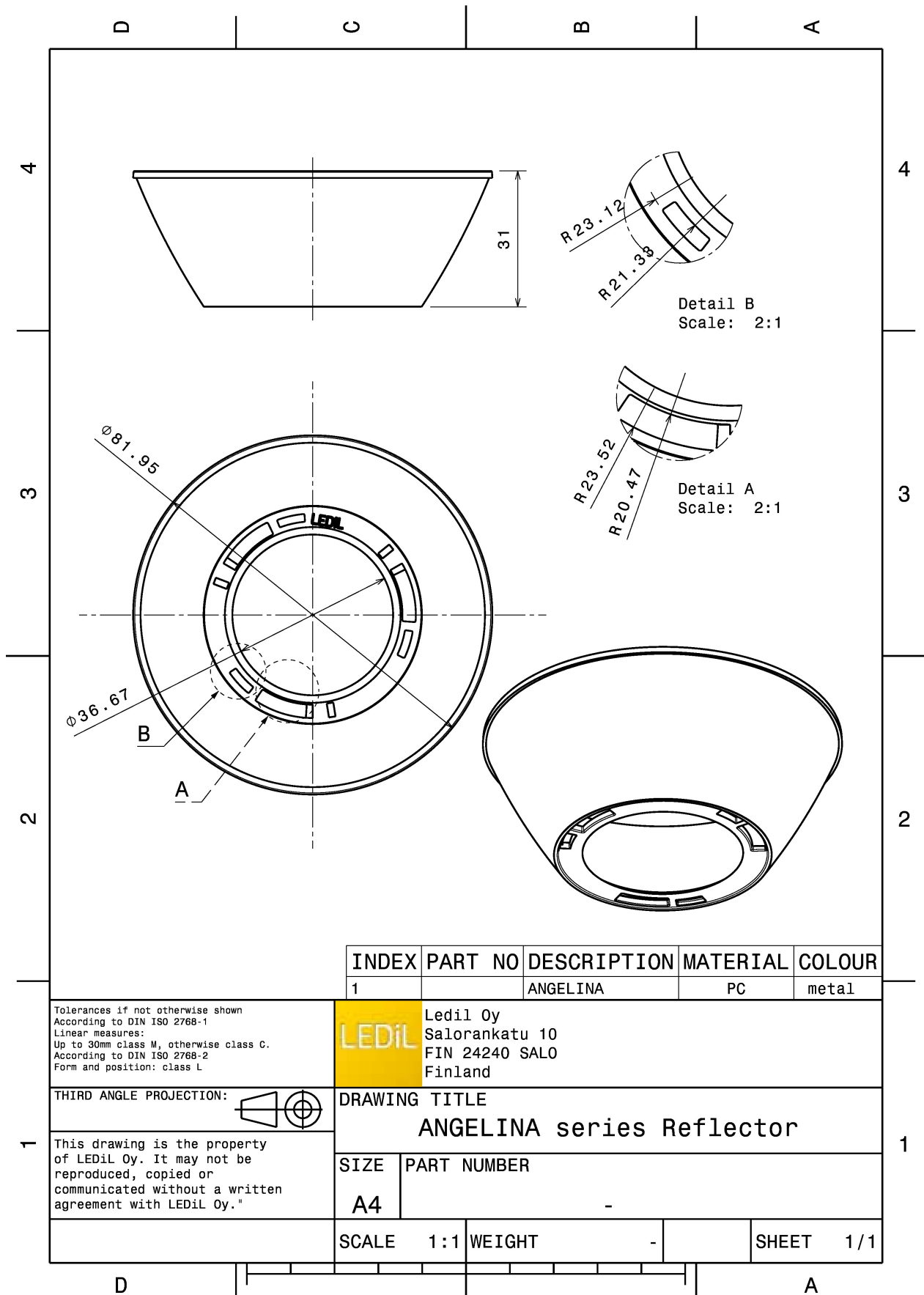
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 82.0 mm
Height	31 mm
Fastening	socket
Colour	metal
Box size	480 x 280 x 300 mm
Box weight	12.7 kg
Quantity in Box	900 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

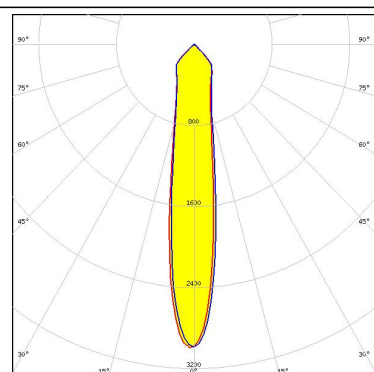
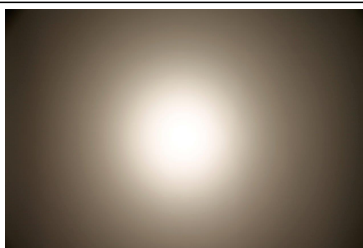
Component	Type	Material	Colour	Coating
ANGELINA-S	Reflector	PC	metal	HMDS



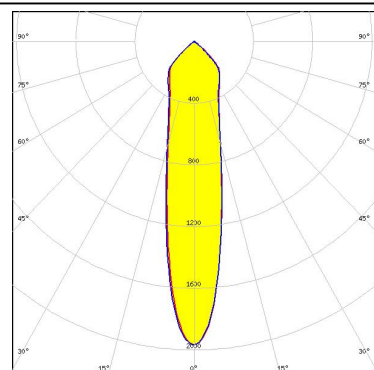
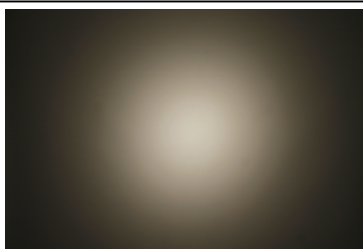
PHOTOMETRIC DATA (MEASURED):



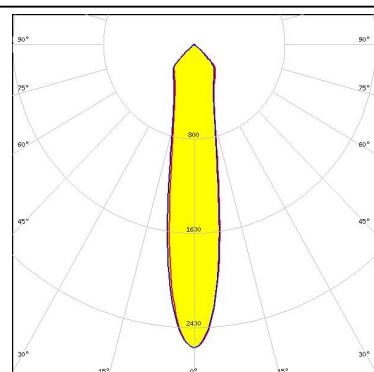
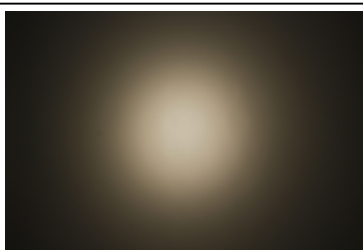
LED BXRA ES Rectangle
FWHM 17.0°
Efficiency 94 %
Peak intensity 3.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2100BL + 50-2100AN



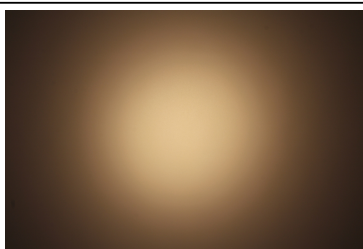
LED V10 Gen7
FWHM 22.0°
Efficiency 88 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
F13671_ANGE-RZ-LENS
Bender Wirth: 434 Typ L1



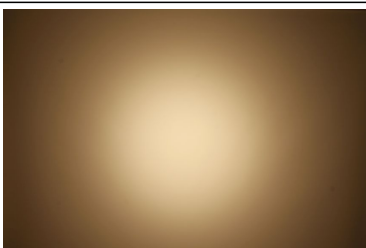
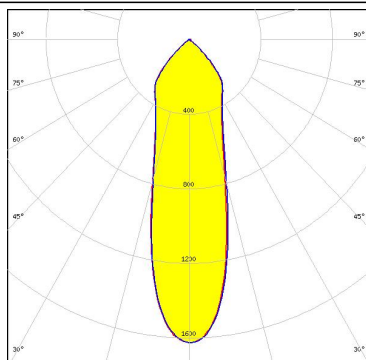
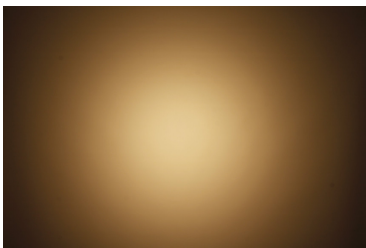
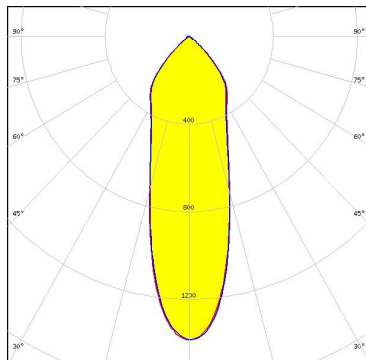
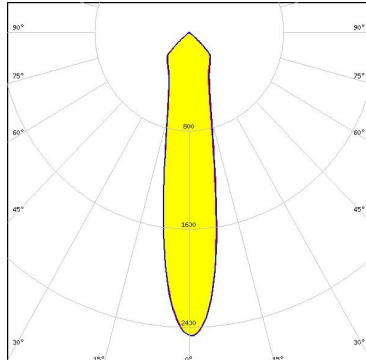
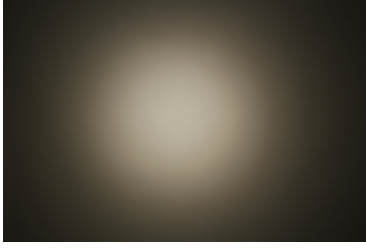
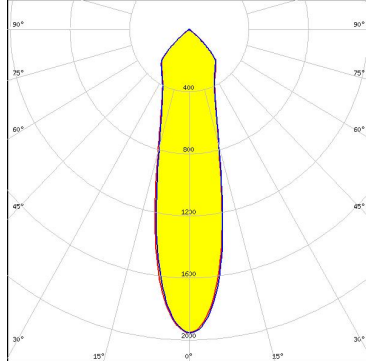
LED V13 Gen7
FWHM 20.0°
Efficiency 94 %
Peak intensity 2.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED V15 Gen6
FWHM 23.0°
Efficiency 88 %
Peak intensity 2.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 456 Typ L2



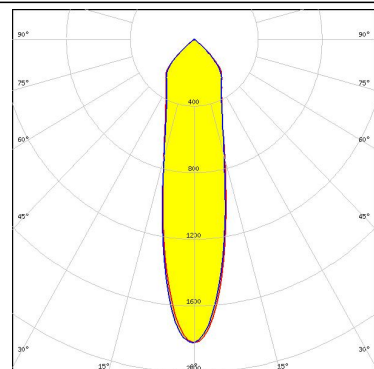
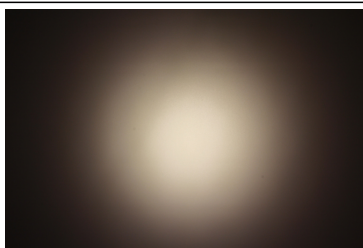
PHOTOMETRIC DATA (MEASURED):

bridgelux[®] LED V22 Gen6 FWHM 29.0° Efficiency 92 % Peak intensity 1.600 cd/lm LEDs/each optic 1 Light colour White Required components: IDEAL: 50-2204-CT + 50-2100AN		
bridgelux[®] LED V22 Gen6 FWHM 32.0° Efficiency 88 % Peak intensity 1.400 cd/lm LEDs/each optic 1 Light colour White Required components: F13671_ANGE-RZ-LENS IDEAL: 50-2204-CT + 50-2100AN		
bridgelux[®] LED Vero SE 13 FWHM 20.0° Efficiency 94 % Peak intensity 2.500 cd/lm LEDs/each optic 1 Light colour White Required components: C16402_CLAMP-VEROSE-13-18		
bridgelux[®] LED Vero SE 18 FWHM 26.0° Efficiency 94 % Peak intensity 2.000 cd/lm LEDs/each optic 1 Light colour White Required components: C16402_CLAMP-VEROSE-13-18		

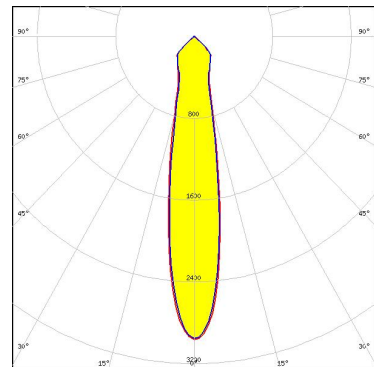
PHOTOMETRIC DATA (MEASURED):



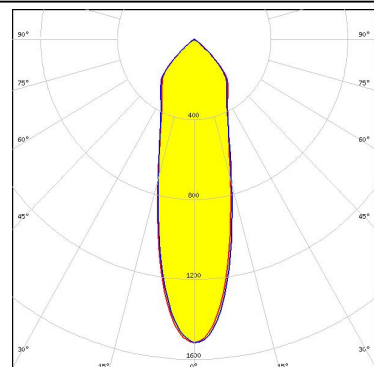
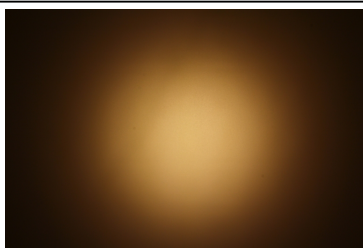
LED VERO13
FWHM 25.0°
Efficiency 88 %
Peak intensity 1.820 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
F13671_ANGE-RZ-LENS



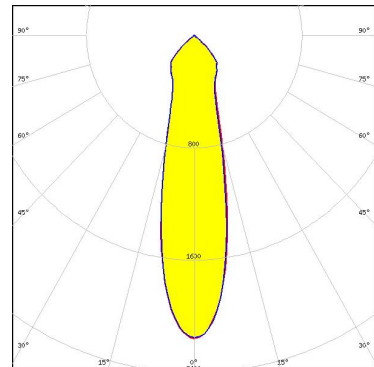
LED VERO13
FWHM 20.0°
Efficiency 93 %
Peak intensity 3.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18



LED VERO18
FWHM 29.0°
Efficiency 89 %
Peak intensity 1.520 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
F13671_ANGE-RZ-LENS



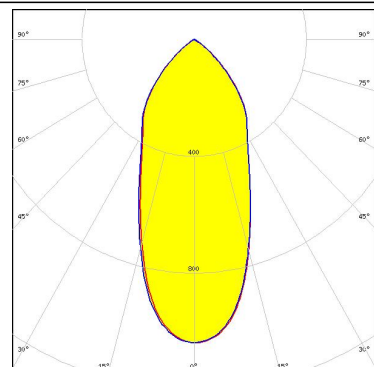
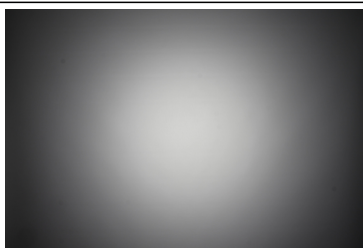
LED VERO18
FWHM 25.0°
Efficiency 92 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18



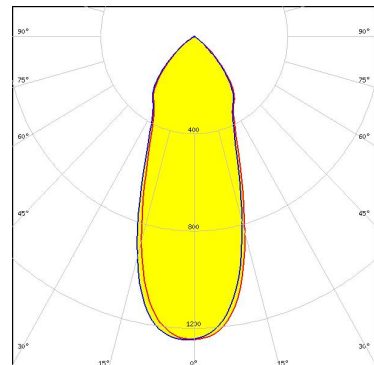
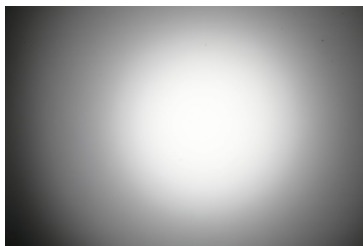
PHOTOMETRIC DATA (MEASURED):



LED VERO29
FWHM 44.0°
Efficiency 89 %
Peak intensity 1.040 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29
F13671_ANGE-RZ-LENS

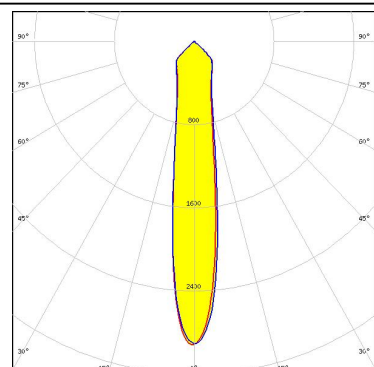
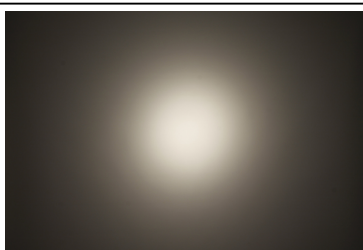


LED VERO29
FWHM 39.0°
Efficiency 90 %
Peak intensity 1.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29



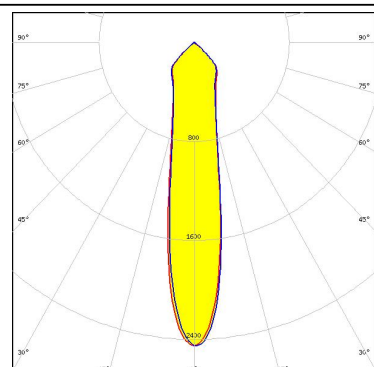
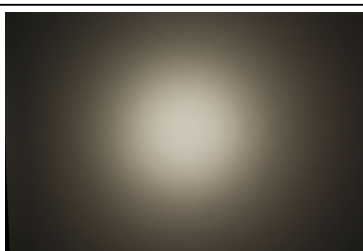
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 17.0°
Efficiency 93 %
Peak intensity 2.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 434 Typ L1



CITIZEN

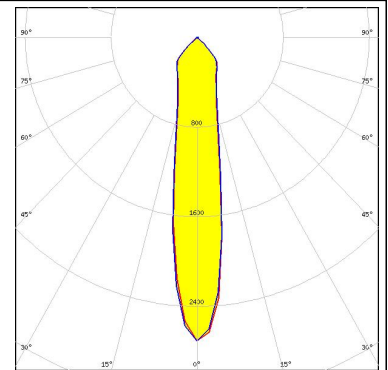
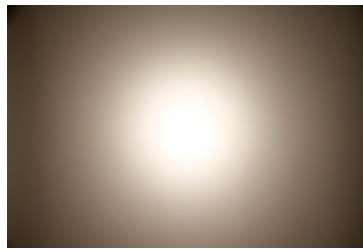
LED CLL03x/CLU03x
FWHM 20.0°
Efficiency 94 %
Peak intensity 2.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16791_CLAMP-Z45-A
TE: 2325807-3



PHOTOMETRIC DATA (MEASURED):

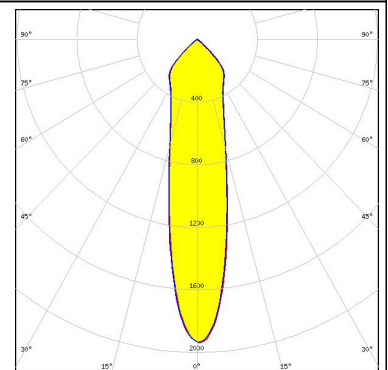
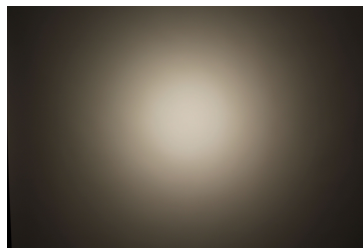
CITIZEN

LED CLL03x/CLU03x
FWHM 19.0°
Efficiency 94 %
Peak intensity 2.710 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2103CT + 50-2100AN



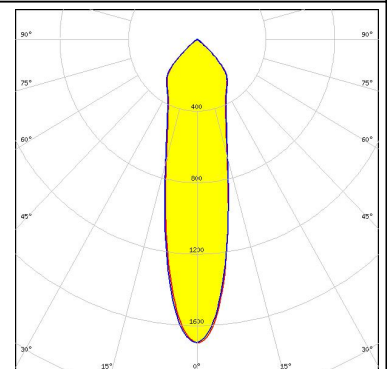
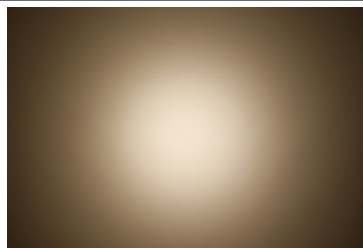
CITIZEN

LED CLL03x/CLU03x
FWHM 23.0°
Efficiency 91 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16791_CLAMP-Z45-A
F13671_ANGE-RZ-LENS
TE: 2325807-3



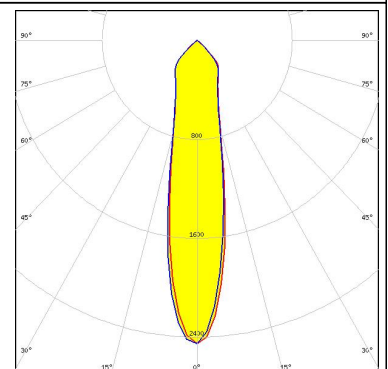
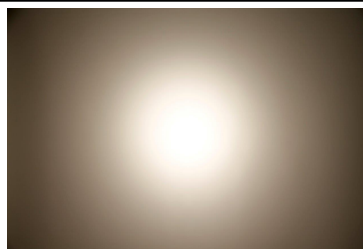
CITIZEN

LED CLL03x/CLU03x
FWHM 25.0°
Efficiency 87 %
Peak intensity 1.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



CITIZEN

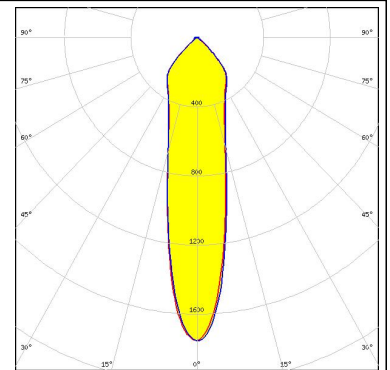
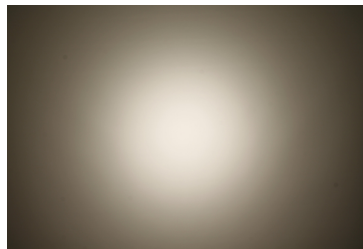
LED CLL03x/CLU03x
FWHM 22.0°
Efficiency 94 %
Peak intensity 2.450 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (MEASURED):

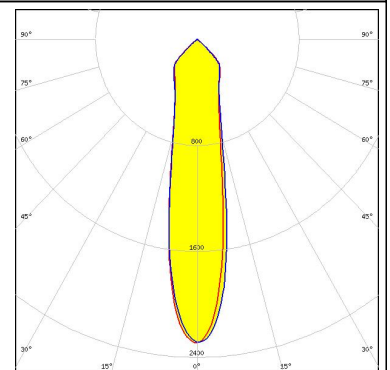
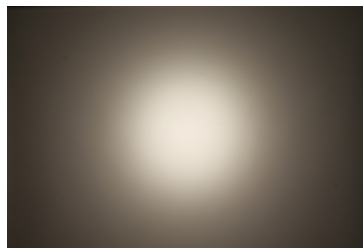
CITIZEN

LED CLL03x/CLU03x
FWHM 23.0°
Efficiency 87 %
Peak intensity 1.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
IDEAL: 50-2103CT + 50-2100AN



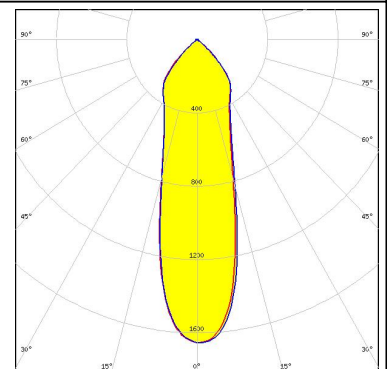
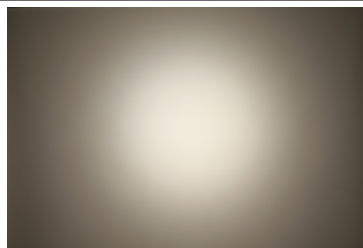
CITIZEN

LED CLL03x/CLU03x
FWHM 21.0°
Efficiency 92 %
Peak intensity 2.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 433 Typ L1



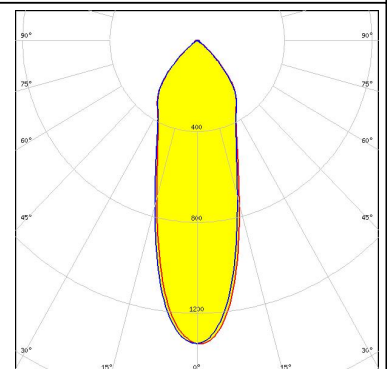
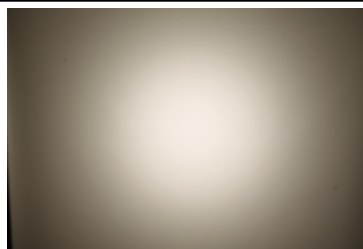
CITIZEN

LED CLL04x/CLU04x
FWHM 29.0°
Efficiency 93 %
Peak intensity 1.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29
Bender Wirth: 431 Typ L3



CITIZEN

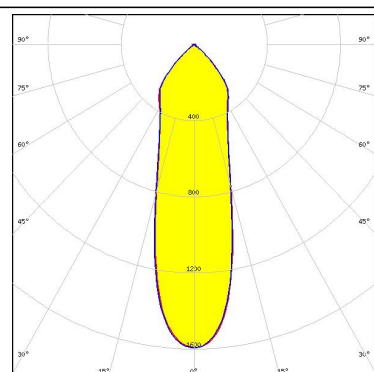
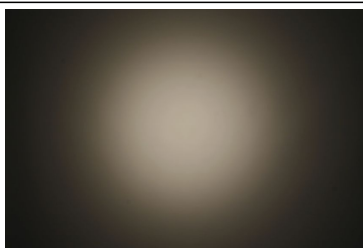
LED CLL04x/CLU04x
FWHM 33.0°
Efficiency 88 %
Peak intensity 1.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
IDEAL: 50-2204-CT + 50-2100AN



PHOTOMETRIC DATA (MEASURED):

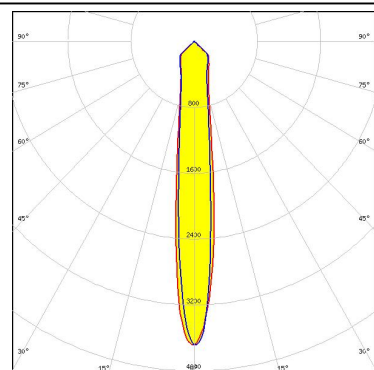
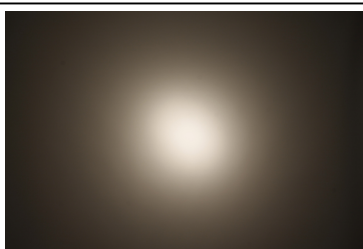
CITIZEN

LED CLL04x/CLU04x
FWHM 30.0°
Efficiency 92 %
Peak intensity 1.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2204-CT + 50-2100AN



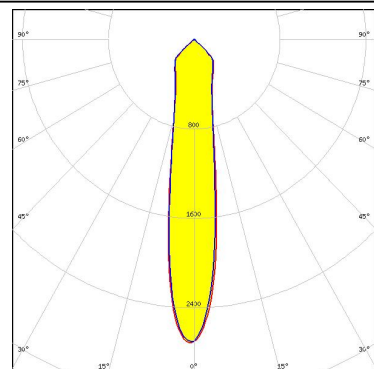
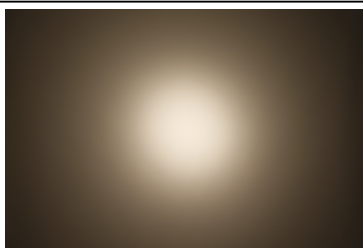
CITIZEN

LED CLU700/701
FWHM 14.0°
Efficiency 93 %
Peak intensity 3.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 434 Typ L1



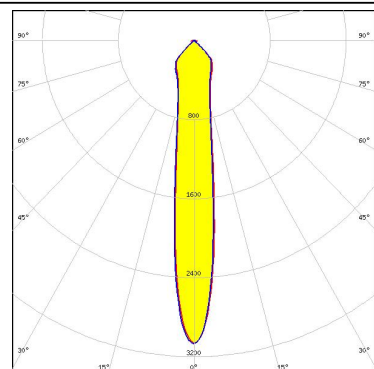
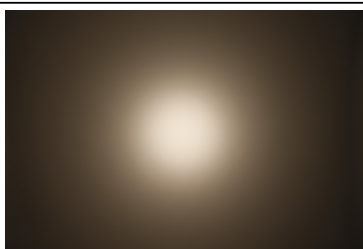
CITIZEN

LED CLU720/721
FWHM 18.0°
Efficiency 92 %
Peak intensity 2.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18



CITIZEN

LED CLU720/721
FWHM 15.0°
Efficiency 94 %
Peak intensity 3.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2103CT + 50-2100AN



PHOTOMETRIC DATA (MEASURED):

CITIZEN

LED CLU720/721

FWHM 17.0°

Efficiency 94 %

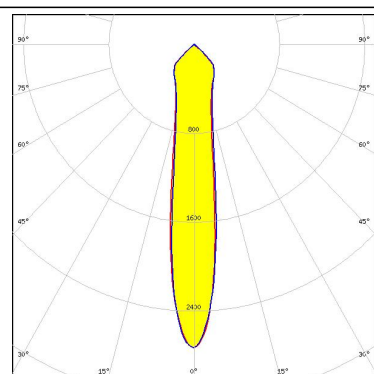
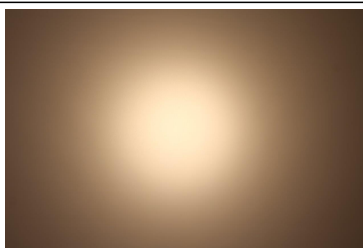
Peak intensity 2.700 cd/lm

LEDs/each optic 1

Light colour White

Required components:

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



CITIZEN

LED CLU730/731

FWHM 18.0°

Efficiency 92 %

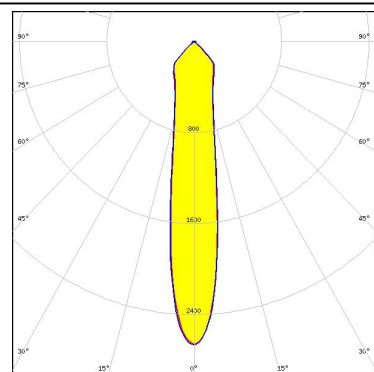
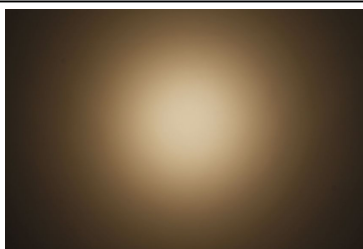
Peak intensity 2.700 cd/lm

LEDs/each optic 1

Light colour White

Required components:

IDEAL: 50-2204-CT + 50-2100AN



CITIZEN

LED CLU730/731

FWHM 21.0°

Efficiency 87 %

Peak intensity 2.100 cd/lm

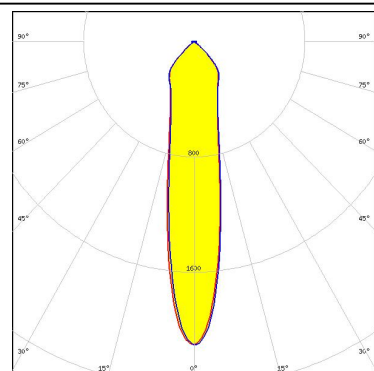
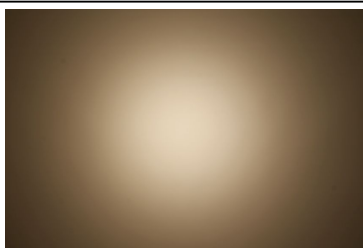
LEDs/each optic 1

Light colour White

Required components:

F13671_ANGE-RZ-LENS

IDEAL: 50-2204-CT + 50-2100AN



CITIZEN

LED CLU730/731

FWHM 18.0°

Efficiency 92 %

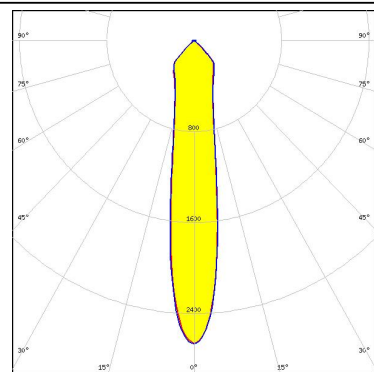
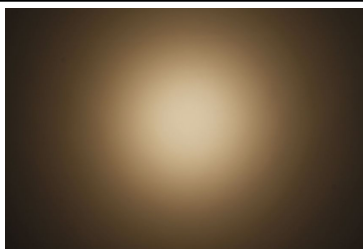
Peak intensity 2.700 cd/lm

LEDs/each optic 1

Light colour White

Required components:

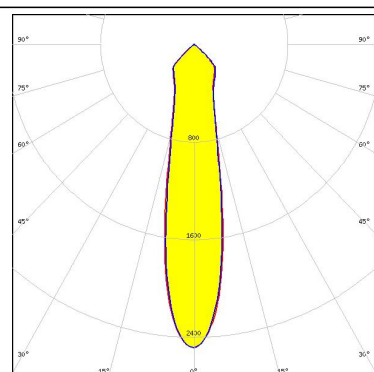
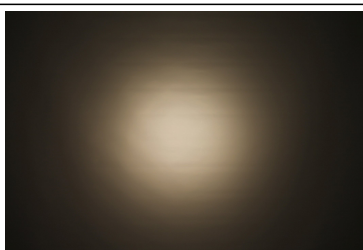
IDEAL: 50-2204-CT + 50-2100AN



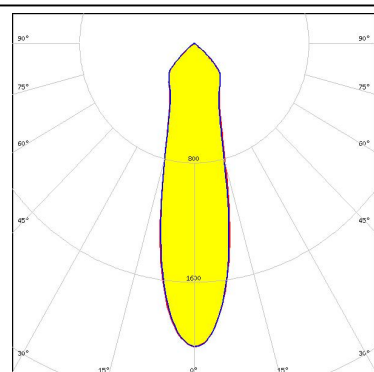
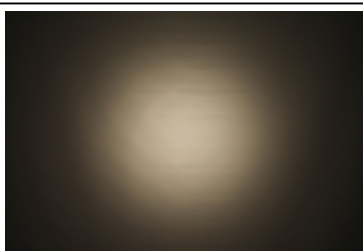
PHOTOMETRIC DATA (MEASURED):



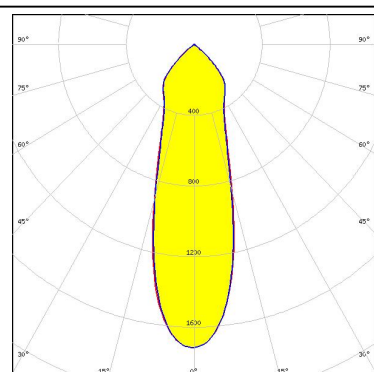
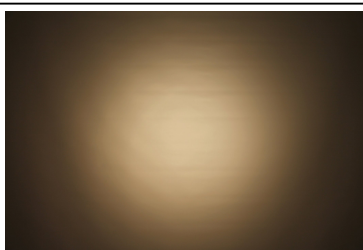
LED CMA1840
FWHM 22.0°
Efficiency 95 %
Peak intensity 2.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14123_CLAMP-CXA15-18



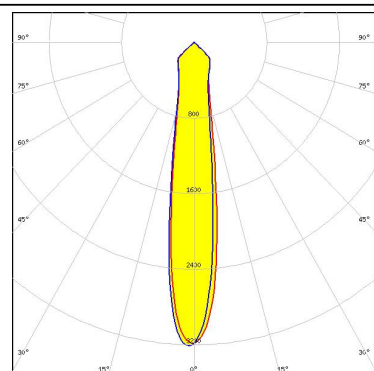
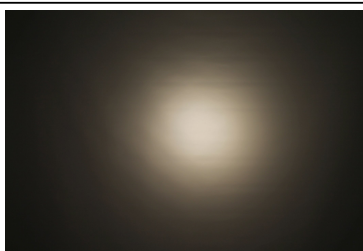
LED CMA2550
FWHM 26.0°
Efficiency 94 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14036_CLAMP_CXA25-30



LED CMA3090
FWHM 30.0°
Efficiency 94 %
Peak intensity 1.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14036_CLAMP_CXA25-30



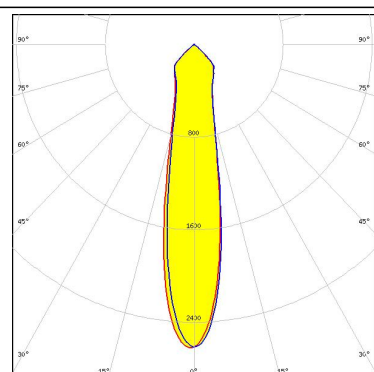
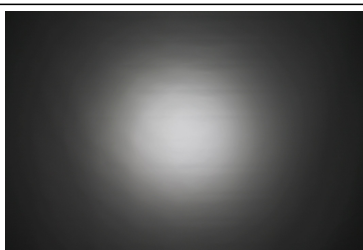
LED CMT14xx
FWHM 17.0°
Efficiency 94 %
Peak intensity 3.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 434 Typ L1



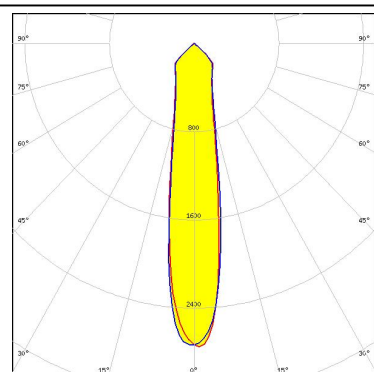
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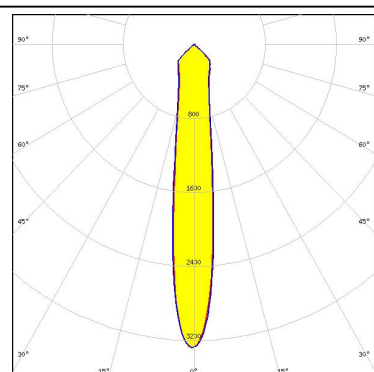
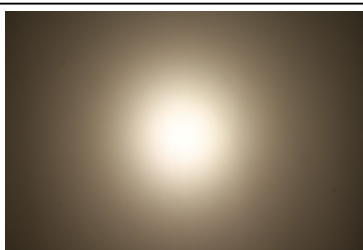
LED CMT19xx
FWHM 21.0°
Efficiency 94 %
Peak intensity 2.622 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 477 Typ L1



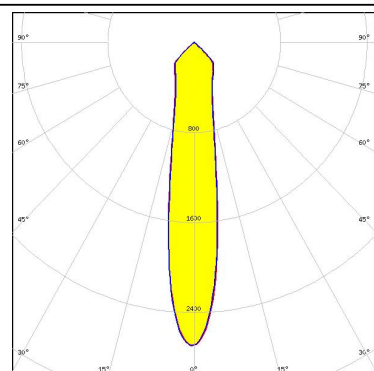
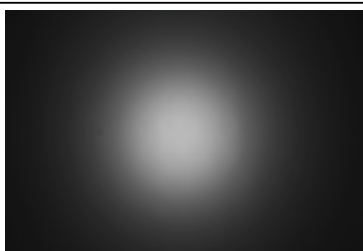
LED CXA/B 15xx
FWHM 20.0°
Efficiency 94 %
Peak intensity 2.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14123_CLAMP-CXA15-18



LED CXA/B 15xx
FWHM 15.0°
Efficiency 93 %
Peak intensity 3.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 441 Typ L1



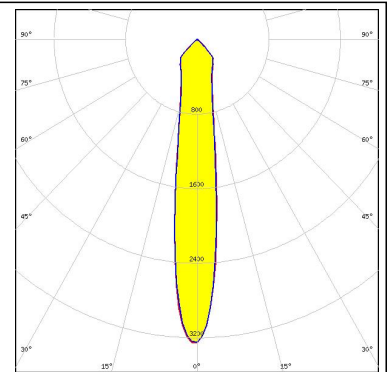
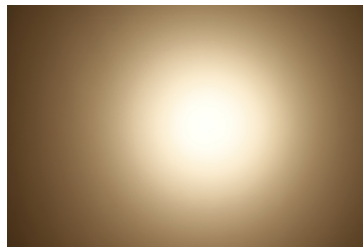
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM 19.0°
Efficiency 93 %
Peak intensity 2.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



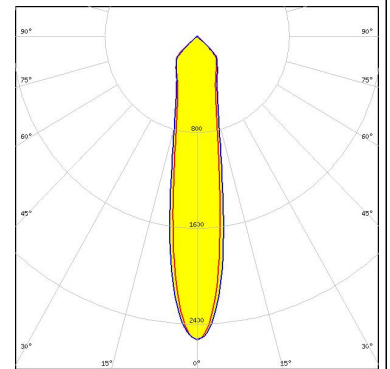
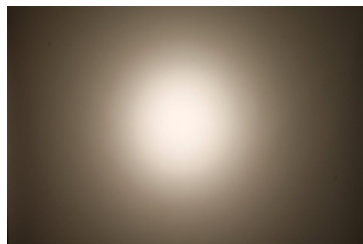
PHOTOMETRIC DATA (MEASURED):



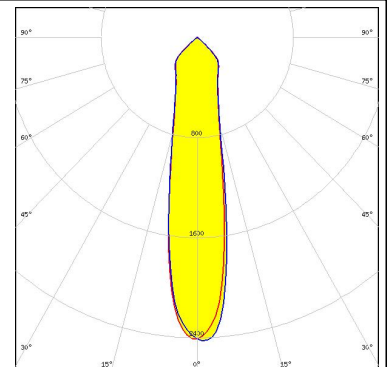
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM 16.0°
 Efficiency 94 %
 Peak intensity 3.290 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2101CR + 50-2100AN



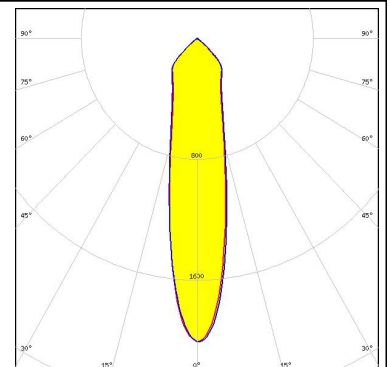
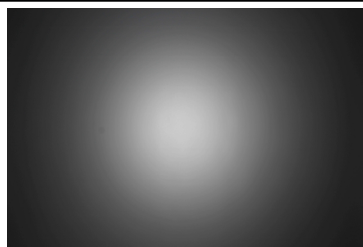
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM 19.0°
 Efficiency 93 %
 Peak intensity 2.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 437 Typ L1



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM 22.0°
 Efficiency 94 %
 Peak intensity 2.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14123_CLAMP-CXA15-18



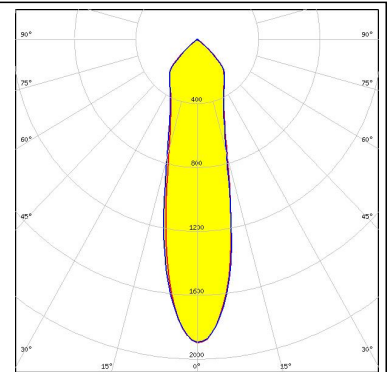
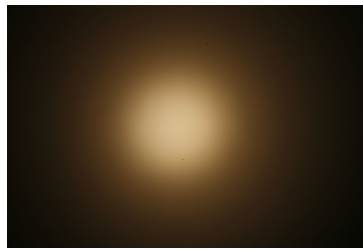
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM 22.0°
 Efficiency 89 %
 Peak intensity 2.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



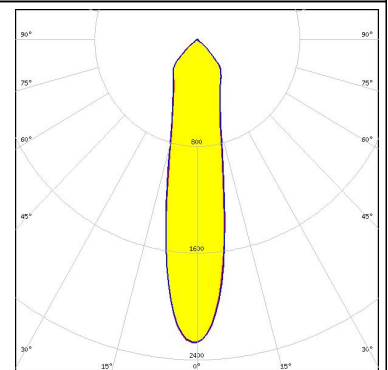
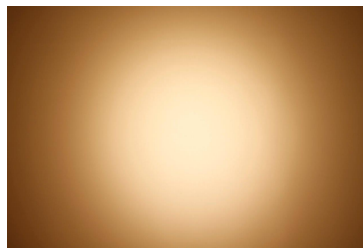
PHOTOMETRIC DATA (MEASURED):



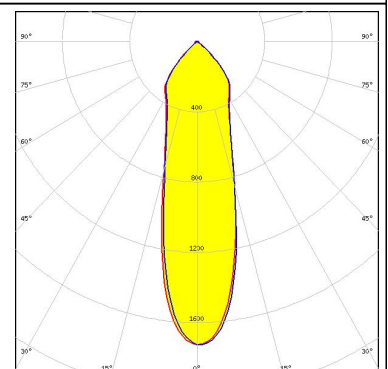
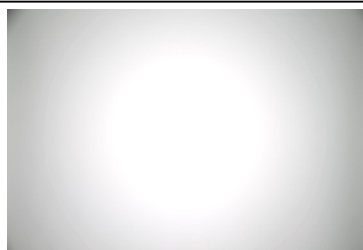
LED CXA/B 25xx
FWHM 25.0°
Efficiency 93 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14036_CLAMP_CXA25-30



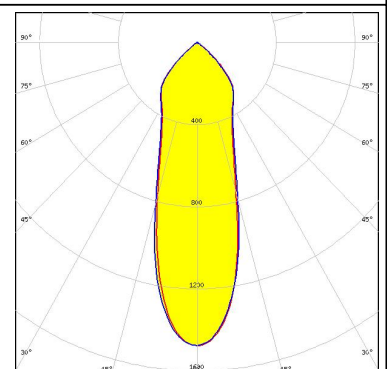
LED CXA/B 25xx
FWHM 22.0°
Efficiency 94 %
Peak intensity 2.280 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2102CR + 50-2100AN



LED CXA/B 30xx
FWHM 28.0°
Efficiency 94 %
Peak intensity 1.730 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2234C + 50-2100AN



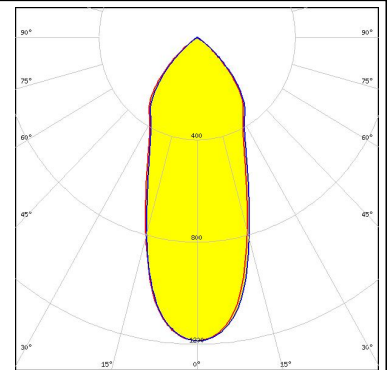
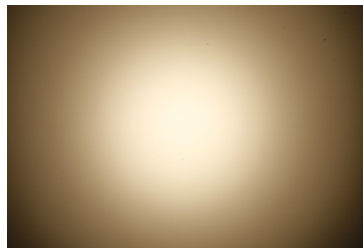
LED CXA/B 30xx
FWHM 32.0°
Efficiency 92 %
Peak intensity 1.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14036_CLAMP_CXA25-30



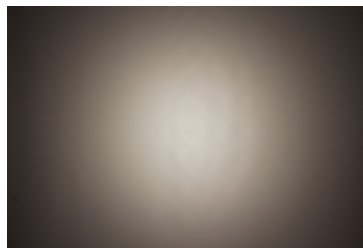
PHOTOMETRIC DATA (MEASURED):



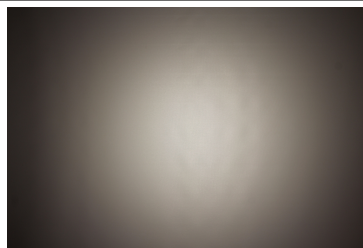
LED CXA/B 3590
FWHM 40.0°
Efficiency 93 %
Peak intensity 1.190 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2303CR + 50-2300AN



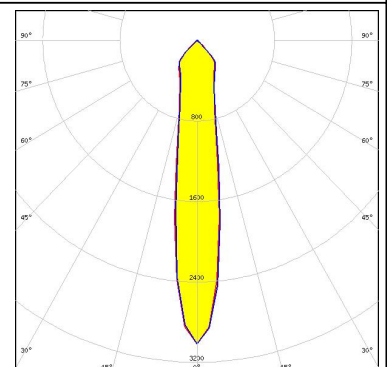
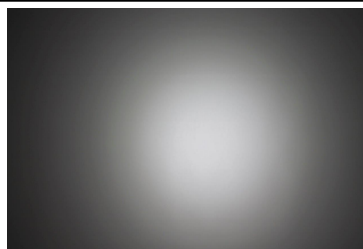
LED CHI3030 19W
FWHM 29.0°
Efficiency 88 %
Peak intensity 1.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29
F13671_ANGE-RZ-LENS
Bender Wirth: 468 Typ L3



LED CHI3030 29W
FWHM 39.0°
Efficiency 88 %
Peak intensity 1.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29
F13671_ANGE-RZ-LENS
Bender Wirth: 468 Typ L3



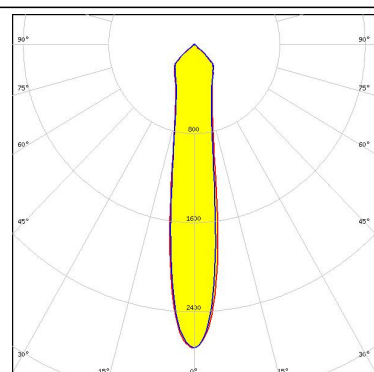
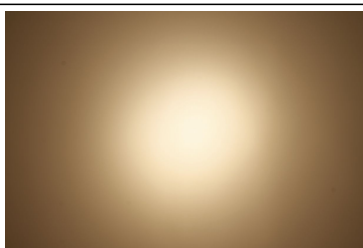
LED COB 10W/13W/17W/24W
FWHM 17.0°
Efficiency 94 %
Peak intensity 3.020 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2100LG + 50-2100AN



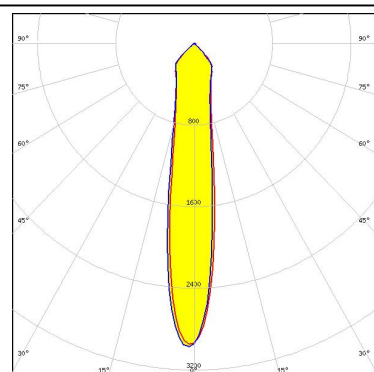
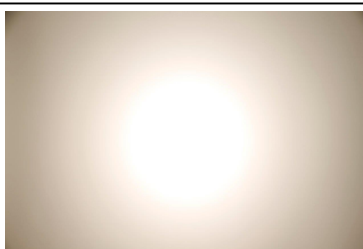
PHOTOMETRIC DATA (MEASURED):



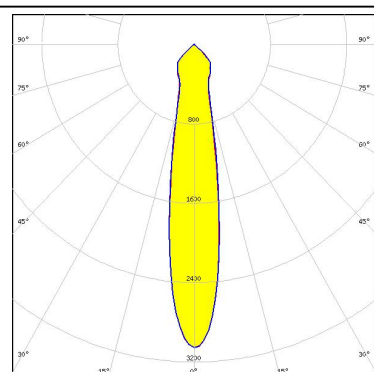
LED LUXEON CoB 1202/1203
 FWHM 18.0°
 Efficiency 93 %
 Peak intensity 2.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 438 Typ L1



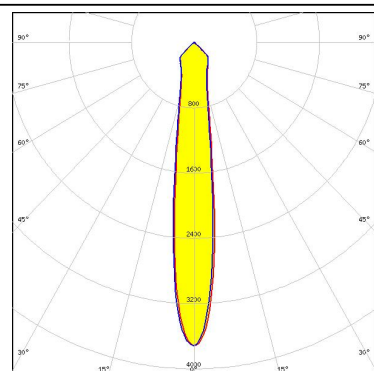
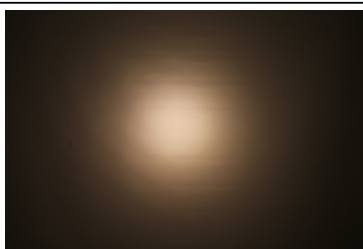
LED LUXEON CoB 1204/1205
 FWHM 17.0°
 Efficiency 94 %
 Peak intensity 2.980 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2100SH + 50-2100AN



LED LUXEON CoB 1204/1205
 FWHM 19.0°
 Efficiency 94 %
 Peak intensity 3.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED LUXEON CoB 1204HD
 FWHM 15.0°
 Efficiency 95 %
 Peak intensity 3.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1

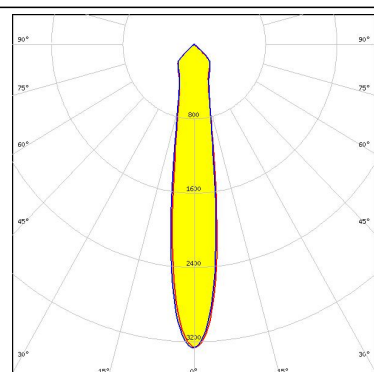
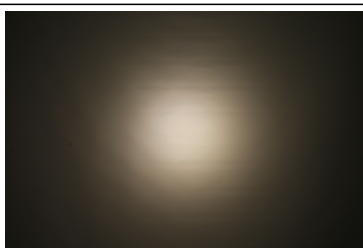


PHOTOMETRIC DATA (MEASURED):



LED LUXEON CoB 1205HD
FWHM 17.0°
Efficiency 95 %
Peak intensity 3.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:

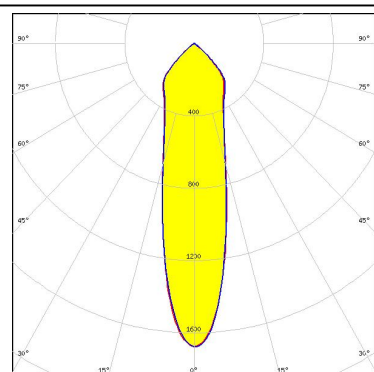
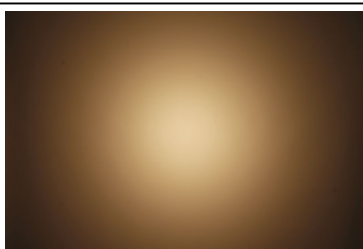
TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED LUXEON CoB 1208
FWHM 25.0°
Efficiency 87 %
Peak intensity 1.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:

F13671_ANGE-RZ-LENS

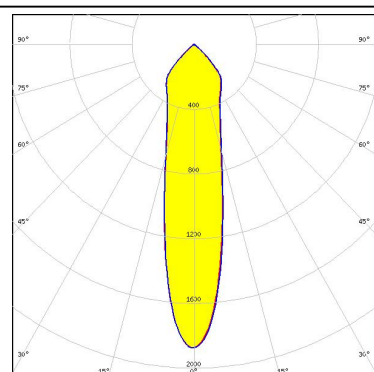
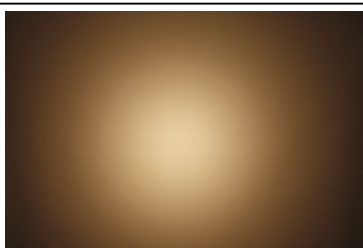
TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED LUXEON CoB 1208
FWHM 23.0°
Efficiency 88 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:

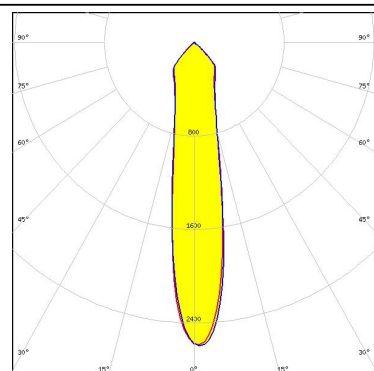
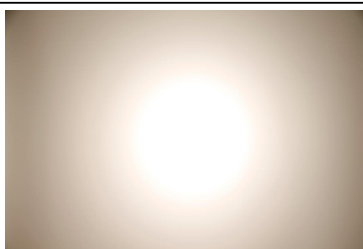
F13671_ANGE-RZ-LENS

IDEAL: 50-2100SH + 50-2100AN



LED LUXEON CoB 1208
FWHM 20.0°
Efficiency 94 %
Peak intensity 2.610 cd/lm
LEDs/each optic 1
Light colour White
Required components:

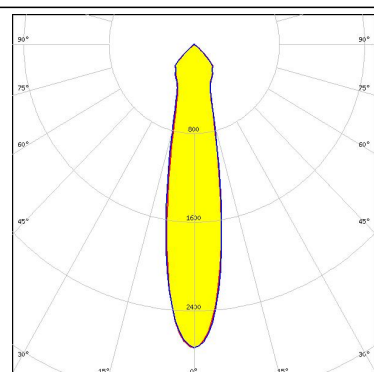
IDEAL: 50-2100SH + 50-2100AN



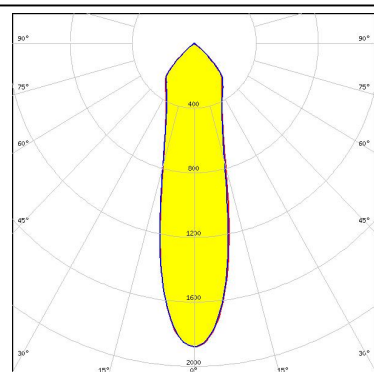
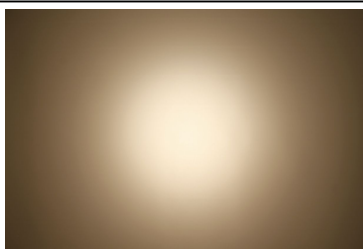
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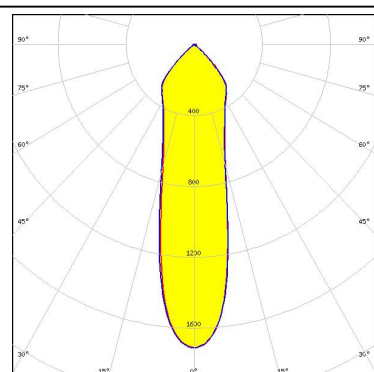
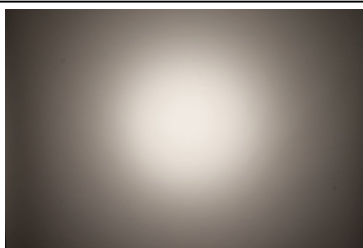
LED LUXEON CoB 1208
 FWHM 21.0°
 Efficiency 93 %
 Peak intensity 2.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



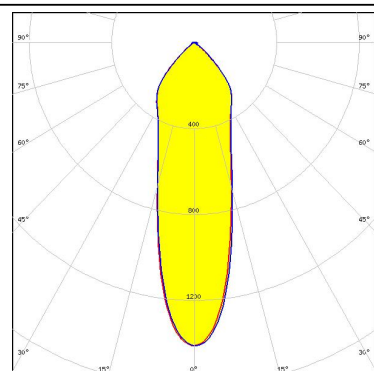
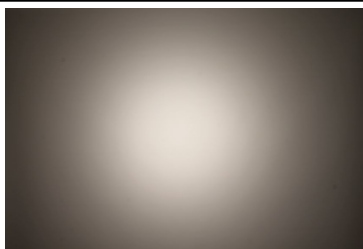
LED LUXEON CoB 1211
 FWHM 26.0°
 Efficiency 94 %
 Peak intensity 1.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13584_CLAMP-VERO29
 Bender Wirth: 431 Typ L3



LED LUXEON CoB 1211
 FWHM 26.0°
 Efficiency 91 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2204-CT + 50-2100AN



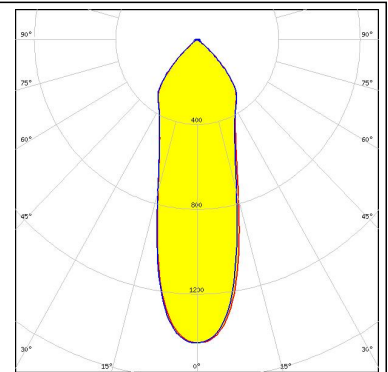
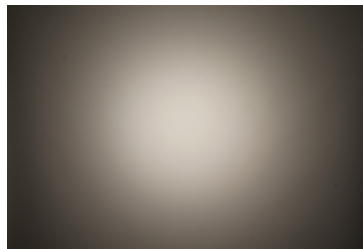
LED LUXEON CoB 1211
 FWHM 30.0°
 Efficiency 87 %
 Peak intensity 1.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 IDEAL: 50-2204-CT + 50-2100AN



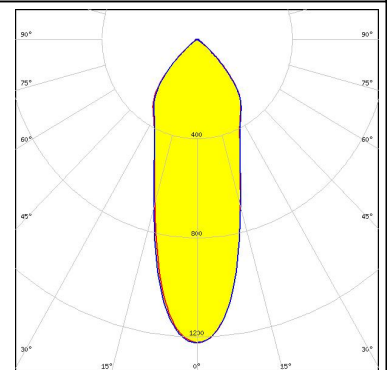
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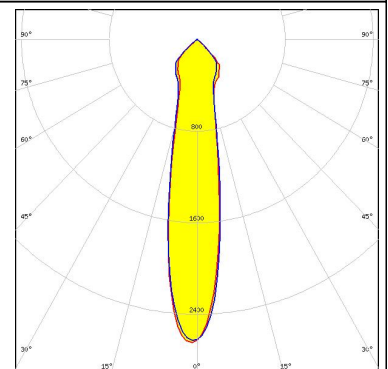
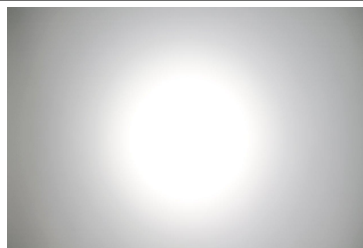
LED LUXEON CoB 1216/1812
FWHM 31.0°
Efficiency 91 %
Peak intensity 1.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2204-CT + 50-2100AN



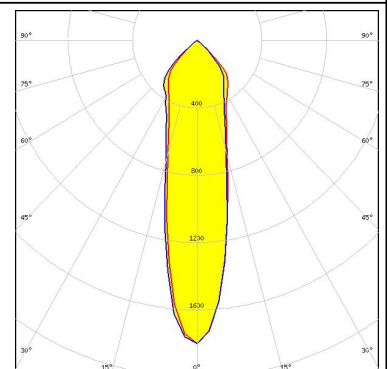
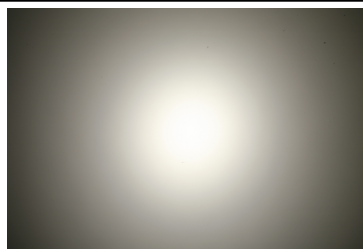
LED LUXEON CoB 1216/1812
FWHM 34.0°
Efficiency 87 %
Peak intensity 1.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
IDEAL: 50-2204CT + 50-2100LN



LED LUXEON K12
FWHM 20.0°
Efficiency 94 %
Peak intensity 2.660 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: 2213134-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED LUXEON K12
FWHM 25.0°
Efficiency 89 %
Peak intensity 1.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
TE: 2213134-2 + OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (MEASURED):

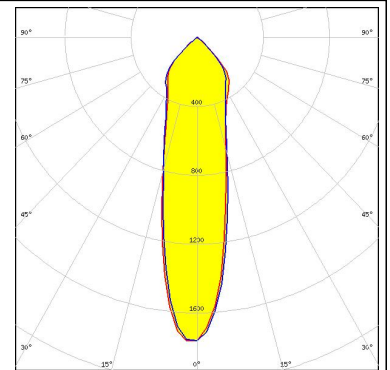


LED LUXEON K16
FWHM 26.0°
Efficiency 89 %
Peak intensity 1.800 cd/lm
LEDs/each optic 1
Light colour White

Required components:

F13671_ANGE-RZ-LENS

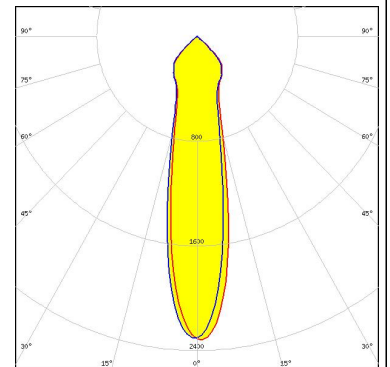
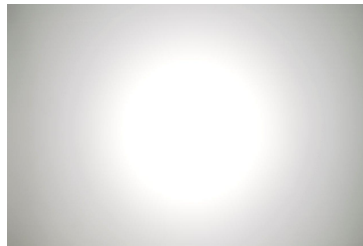
TE: 2213134-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED LUXEON K16
FWHM 22.0°
Efficiency 94 %
Peak intensity 2.320 cd/lm
LEDs/each optic 1
Light colour White

Required components:

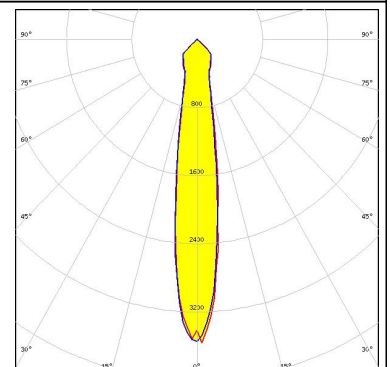
TE: 2213134-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED LUXEON S2000
FWHM 17.0°
Efficiency 93 %
Peak intensity 3.600 cd/lm
LEDs/each optic 1
Light colour White

Required components:

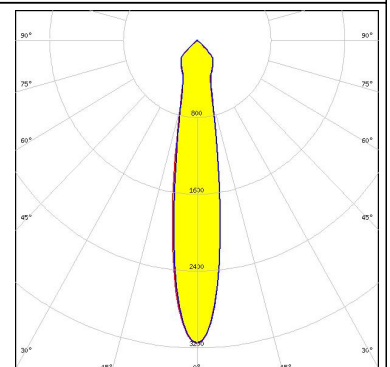
C13395_CLAMP-S2000



LED LUXEON S3000
FWHM 18.0°
Efficiency 92 %
Peak intensity 3.200 cd/lm
LEDs/each optic 1
Light colour White

Required components:

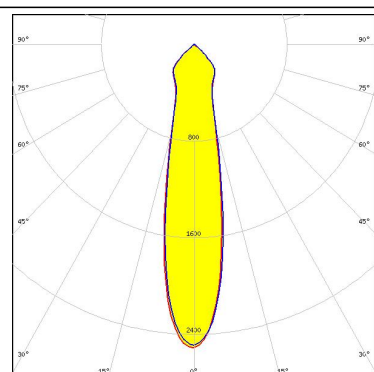
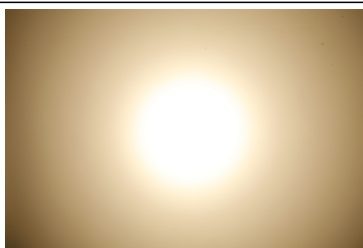
C13397_CLAMP-S3000



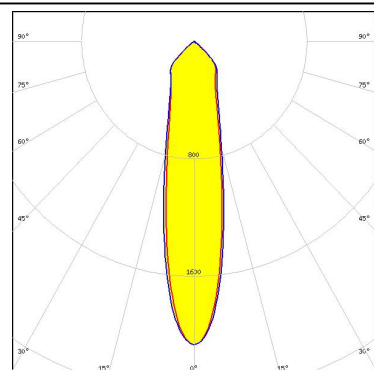
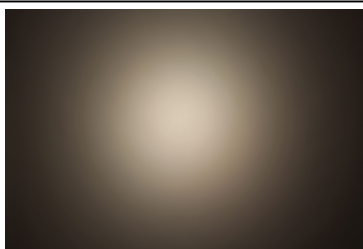
PHOTOMETRIC DATA (MEASURED):



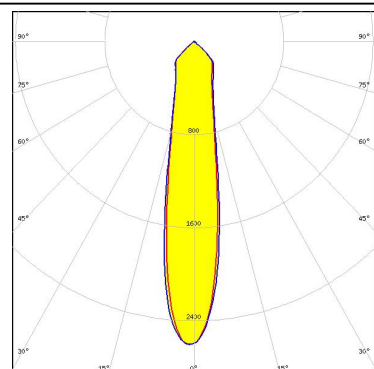
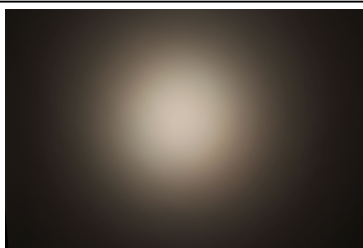
LED LUXEON S5000
FWHM 22.0°
Efficiency 93 %
Peak intensity 2.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13399_CLAMP-S5000



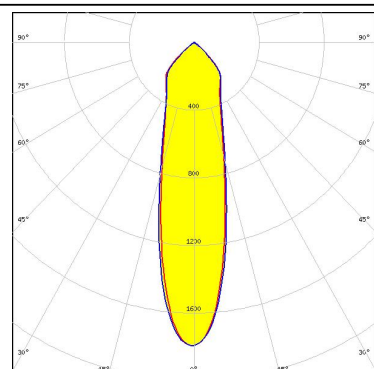
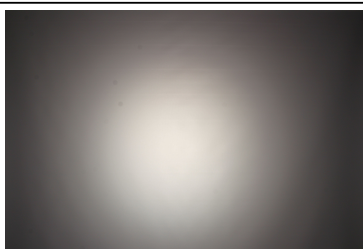
LED CDM-14 (Dim-To-Warm)
FWHM 23.0°
Efficiency 89 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
F13671_ANGE-RZ-LENS
Bender Wirth: 491 Typ L2



LED CDM-14 (Dim-To-Warm)
FWHM 20.0°
Efficiency 93 %
Peak intensity 2.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 491 Typ L2



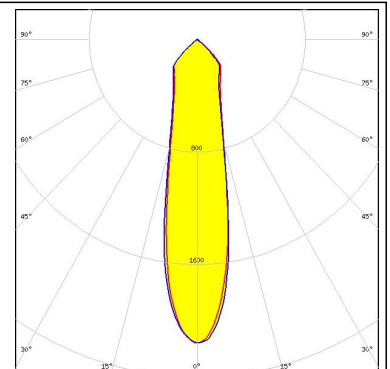
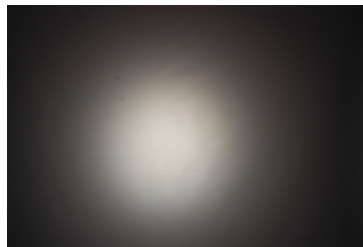
LED CDM-18 (Dim-To-Warm)
FWHM 26.0°
Efficiency 89 %
Peak intensity 1.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
F13671_ANGE-RZ-LENS
Bender Wirth: 491 Typ L2



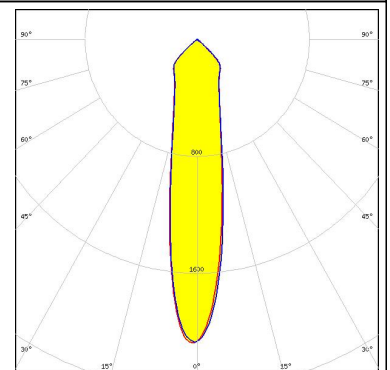
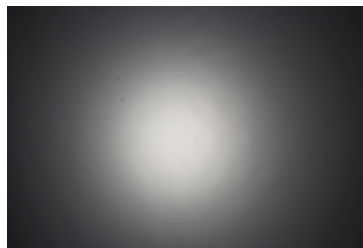
PHOTOMETRIC DATA (MEASURED):



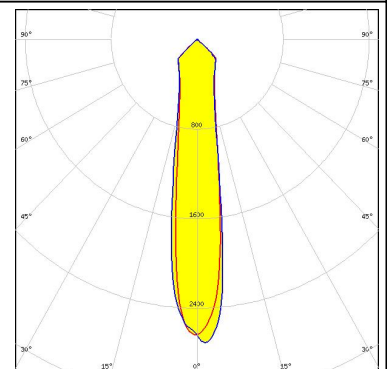
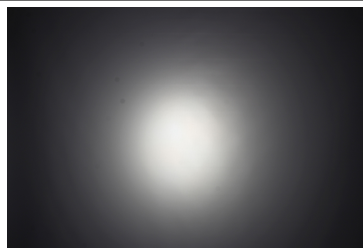
LED CDM-18 (Dim-To-Warm)
FWHM 24.0°
Efficiency 93 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 491 Typ L2



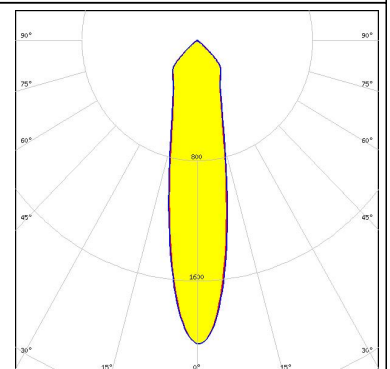
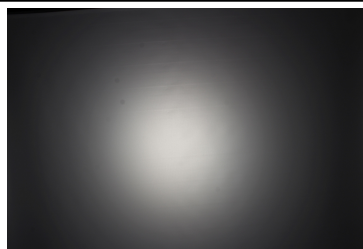
LED CDM-9 (Dim-To-Warm)
FWHM 21.0°
Efficiency 87 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
F13671_ANGE-RZ-LENS
Bender Wirth: 490 Typ L1



LED CDM-9 (Dim-To-Warm)
FWHM 18.0°
Efficiency 92 %
Peak intensity 2.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 490 Typ L1



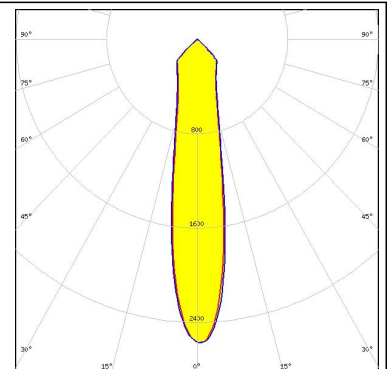
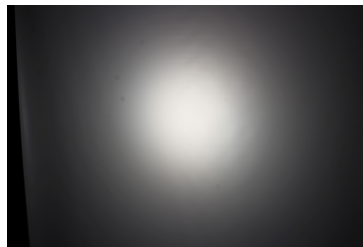
LED CTM-14 (Tunable White)
FWHM 23.0°
Efficiency 88 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29
F13671_ANGE-RZ-LENS
Bender Wirth: 442 Typ L3



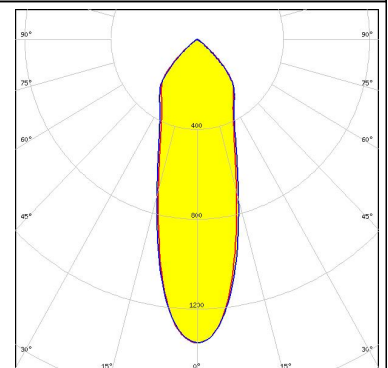
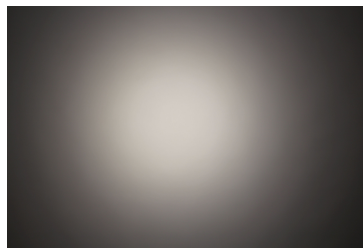
PHOTOMETRIC DATA (MEASURED):



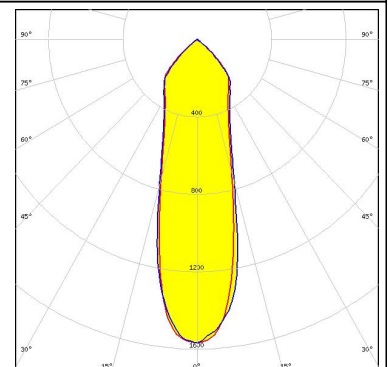
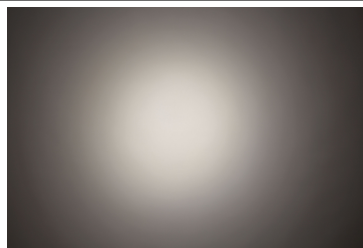
LED CTM-14 (Tunable White)
FWHM 20.0°
Efficiency 93 %
Peak intensity 2.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29
Bender Wirth: 442 Typ L3



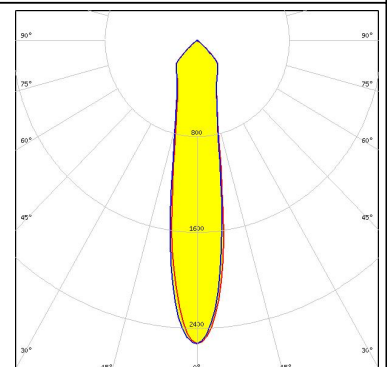
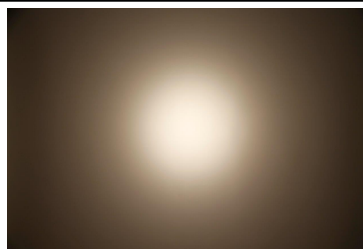
LED CTM-22 (Tunable White)
FWHM 32.0°
Efficiency 87 %
Peak intensity 1.350 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29
F13671_ANGE-RZ-LENS
Bender Wirth: 494 Typ L3



LED CTM-22 (Tunable White)
FWHM 29.0°
Efficiency 91 %
Peak intensity 1.570 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29
Bender Wirth: 494 Typ L3



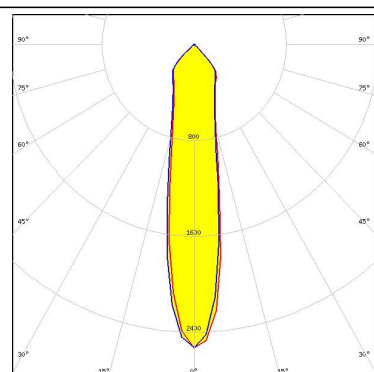
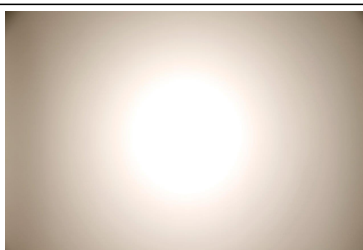
LED CxM-14 (19x19)
FWHM 20.0°
Efficiency 94 %
Peak intensity 2.530 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



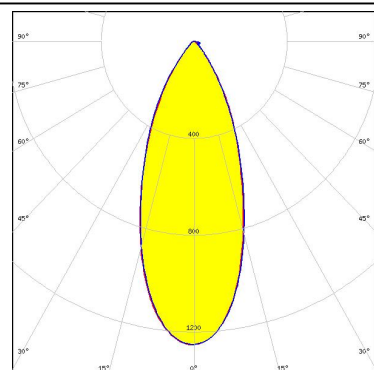
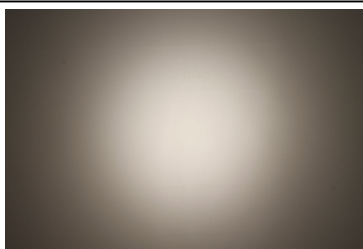
PHOTOMETRIC DATA (MEASURED):



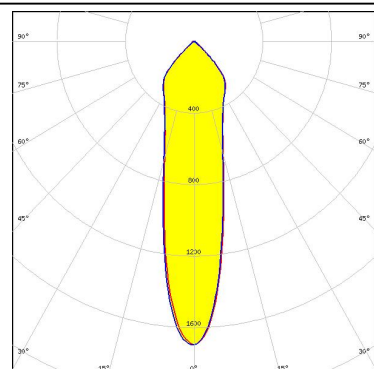
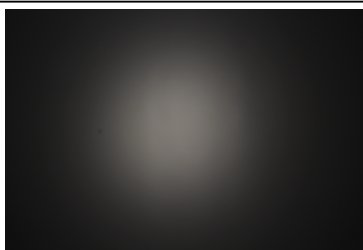
LED COB J-Type
FWHM 20.0°
Efficiency 94 %
Peak intensity 2.530 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2103NC + 50-2100AN



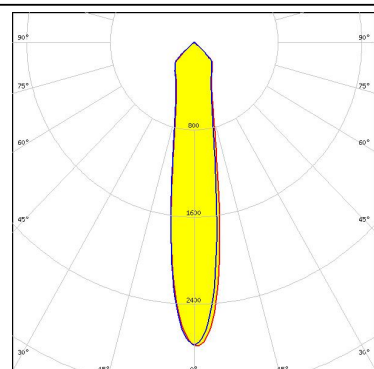
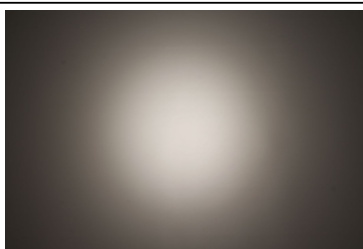
LED COB J-Type
FWHM 22.0°
Efficiency 93 %
Peak intensity 2.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 463 Typ L2



LED COB J-Type
FWHM 24.0°
Efficiency 87 %
Peak intensity 1.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
IDEAL: 50-2103NC + 50-2100AN



LED COB L-Type (LES 11)
FWHM 18.0°
Efficiency 93 %
Peak intensity 2.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 438 Typ L1



PHOTOMETRIC DATA (MEASURED):



LED COB L-Type (LES 11)

FWHM 17.0°

Efficiency 92 %

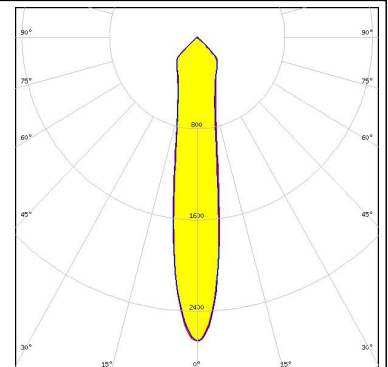
Peak intensity 2.660 cd/lm

LEDs/each optic 1

Light colour White

Required components:

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



LED COB L-Type (LES 11)

FWHM 23.0°

Efficiency 86 %

Peak intensity 1.700 cd/lm

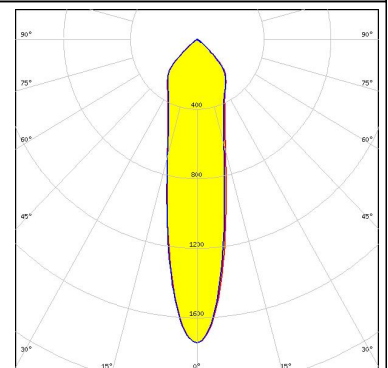
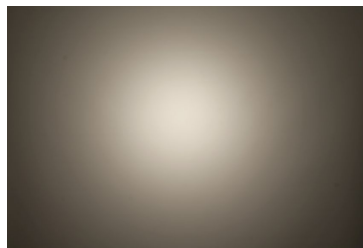
LEDs/each optic 1

Light colour White

Required components:

F13671_ANGE-RZ-LENS

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



LED COB L-Type (LES 11)

FWHM 19.0°

Efficiency 87 %

Peak intensity 2.100 cd/lm

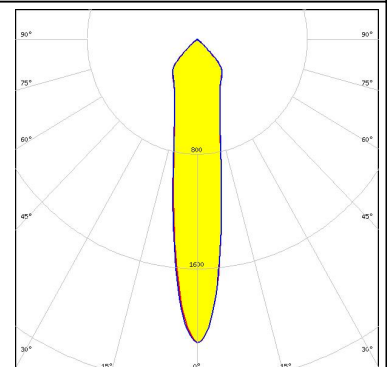
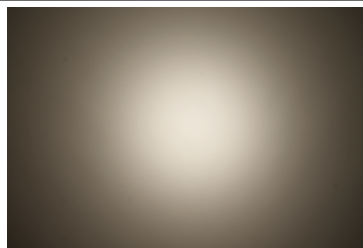
LEDs/each optic 1

Light colour White

Required components:

F13671_ANGE-RZ-LENS

IDEAL: 50-2100NC + 50-2100AN



LED COB L-Type (LES 11)

FWHM 16.0°

Efficiency 91 %

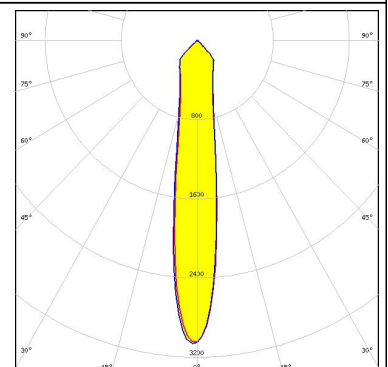
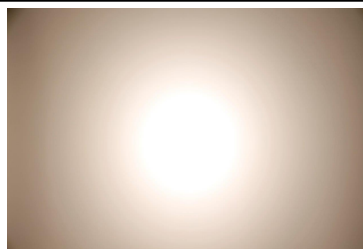
Peak intensity 3.080 cd/lm

LEDs/each optic 1

Light colour White

Required components:

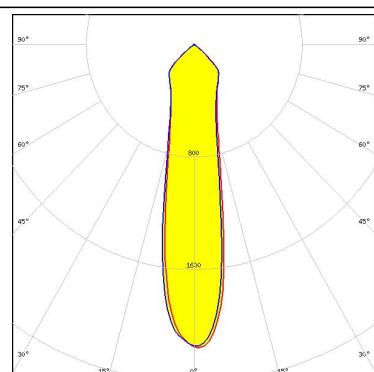
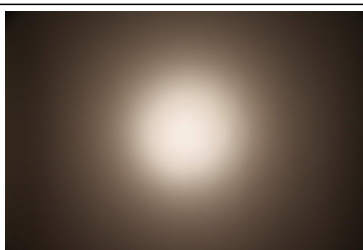
IDEAL: 50-2100NC + 50-2100AN



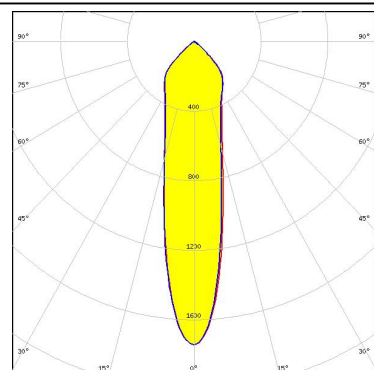
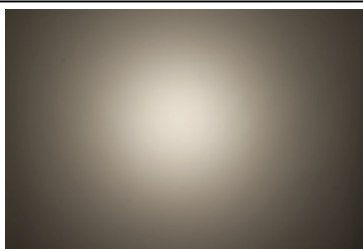
PHOTOMETRIC DATA (MEASURED):



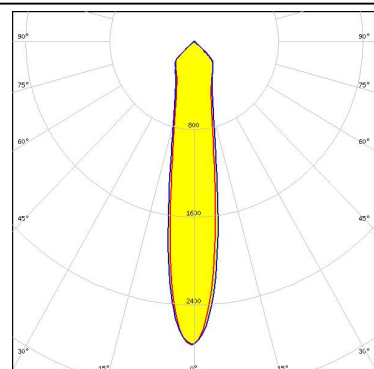
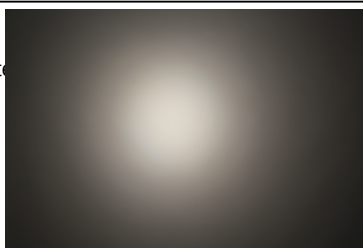
LED COB L-Type (LES 11)
 FWHM 22.0°
 Efficiency 94 %
 Peak intensity 2.160 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Molex: 180580-0005



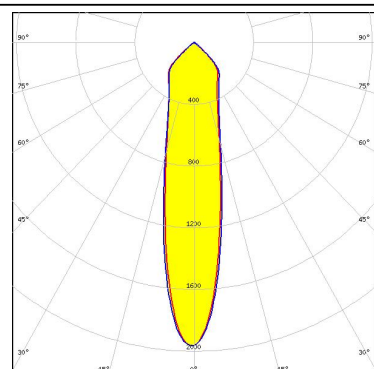
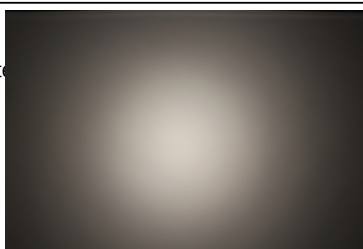
LED COB L-Type (LES 11)
 FWHM 17.0°
 Efficiency 92 %
 Peak intensity 2.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED NVCWJ024Z-V1MT: COB J-Type Tunable White
 FWHM 18.0°
 Efficiency 93 %
 Peak intensity 2.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 498 Typ L2



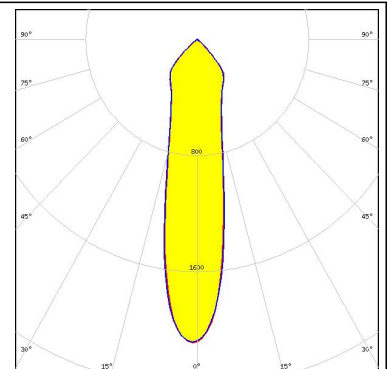
LED NVCWJ024Z-V1MT: COB J-Type Tunable White
 FWHM 22.0°
 Efficiency 88 %
 Peak intensity 2.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 F13671_ANGE-RZ-LENS
 Bender Wirth: 498 Typ L2



PHOTOMETRIC DATA (MEASURED):

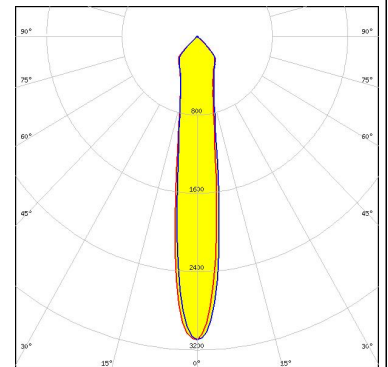
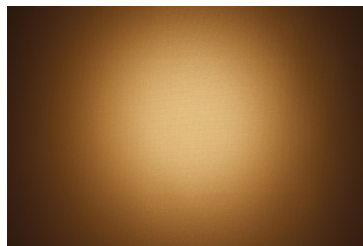
OSRAM

LED PrevaLED Core AC (LEP-2000)
 FWHM 23.0°
 Efficiency 93 %
 Peak intensity 2.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



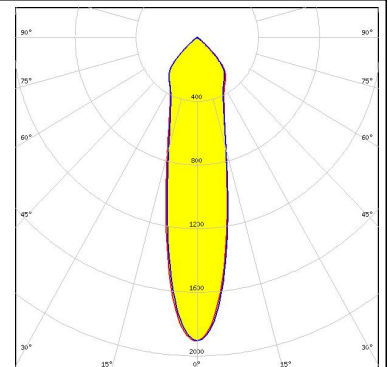
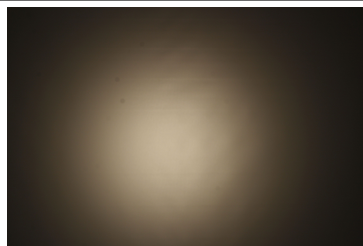
OSRAM

LED PrevaLED Core AC (LEP-800)
 FWHM 16.0°
 Efficiency 94 %
 Peak intensity 3.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



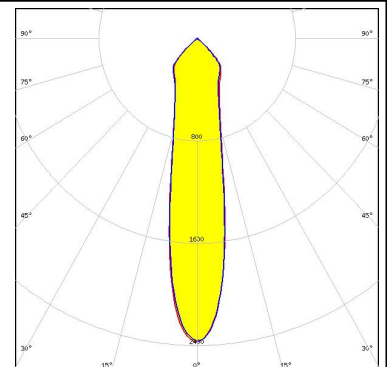
OSRAM

LED PrevaLED Core G7 L15 H1
 FWHM 24.0°
 Efficiency 91 %
 Peak intensity 1.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16685_CLAMP-PRV-A
 F13671_ANGE-RZ-LENS



OSRAM

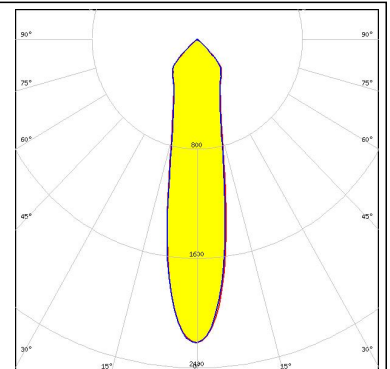
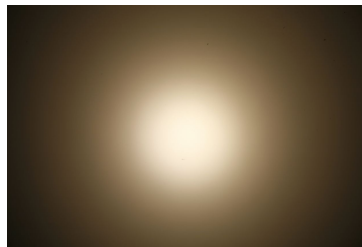
LED PrevaLED Core G7 L15 H1
 FWHM 21.0°
 Efficiency 94 %
 Peak intensity 2.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16685_CLAMP-PRV-A



PHOTOMETRIC DATA (MEASURED):

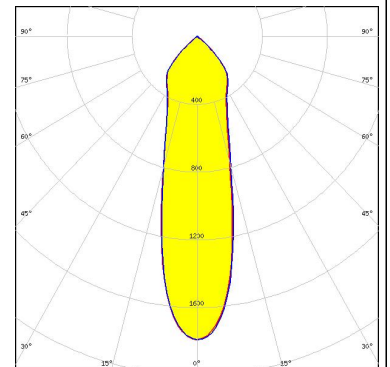
OSRAM

LED PrevaLED Core Z3 LES19
 FWHM 23.0°
 Efficiency 94 %
 Peak intensity 2.210 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



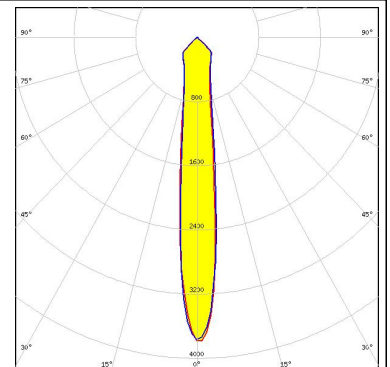
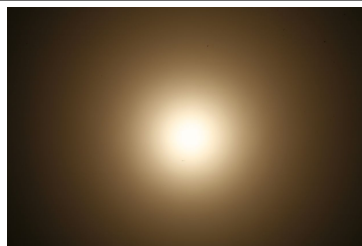
OSRAM

LED PrevaLED Core Z3 LES23
 FWHM 27.0°
 Efficiency 94 %
 Peak intensity 1.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



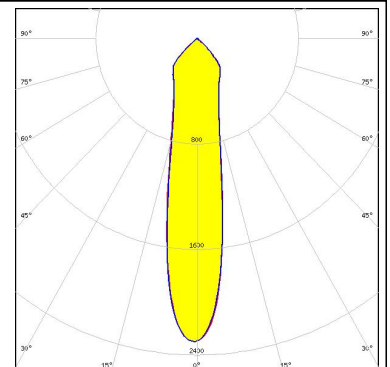
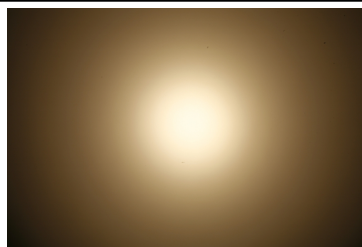
OSRAM

LED PrevaLED Core Z3 LES9
 FWHM 14.0°
 Efficiency 94 %
 Peak intensity 3.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



OSRAM

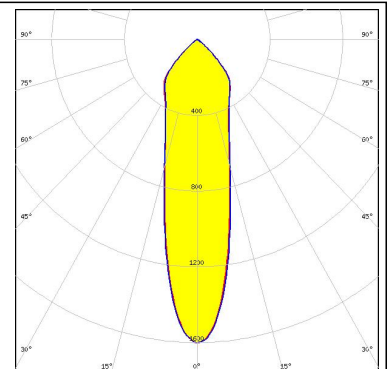
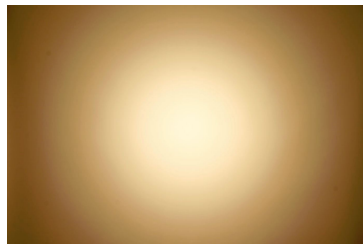
LED PrevaLED Core Z4 LES19
 FWHM 21.0°
 Efficiency 94 %
 Peak intensity 2.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (MEASURED):

OSRAM

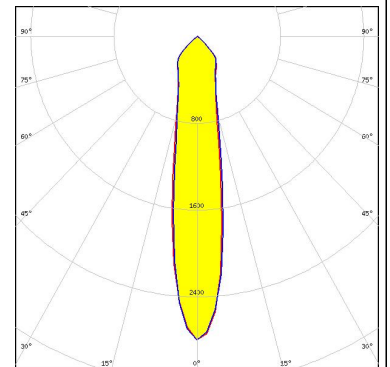
LED PrevaLED Core Z4 LES19
 FWHM 26.0°
 Efficiency 88 %
 Peak intensity 1.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 TE: OPTIC CLIP Z50 TYPE1 2213194-1



OSRAM

Opto Semiconductors

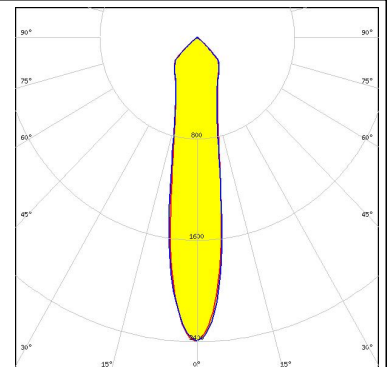
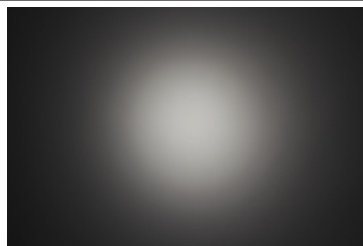
LED Soleriq S13
 FWHM 20.0°
 Efficiency 94 %
 Peak intensity 2.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



OSRAM

Opto Semiconductors

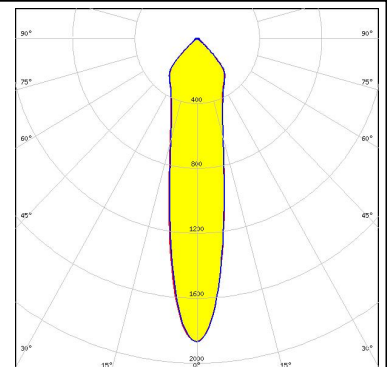
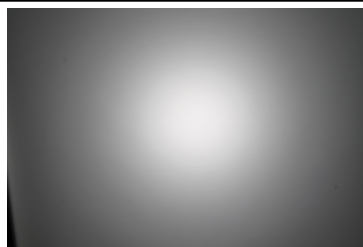
LED Soleriq S13
 FWHM 20.0°
 Efficiency 92 %
 Peak intensity 2.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 437 Typ L1



OSRAM

Opto Semiconductors

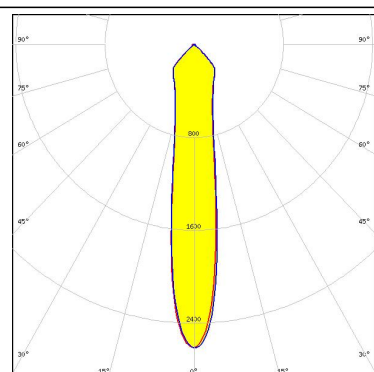
LED Soleriq S13 19x19
 FWHM 22.0°
 Efficiency 87 %
 Peak intensity 1.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 IDEAL: 50-2103CT + 50-2100AN



PHOTOMETRIC DATA (MEASURED):

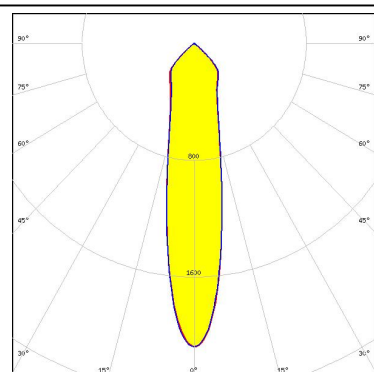
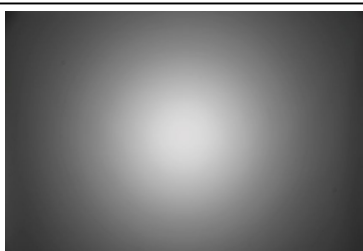
OSRAM
Opto Semiconductors

LED Soleriq S13 19x19
FWHM 17.0°
Efficiency 91 %
Peak intensity 2.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2103CT + 50-2100AN



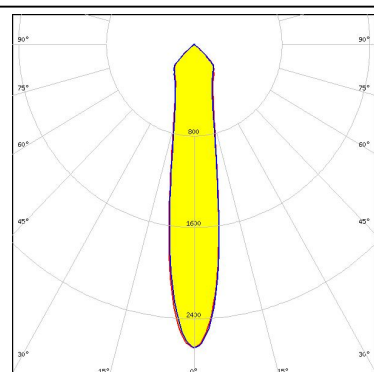
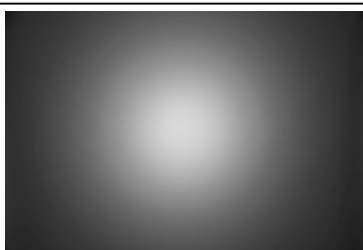
OSRAM
Opto Semiconductors

LED Soleriq S13 19x19
FWHM 22.0°
Efficiency 88 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



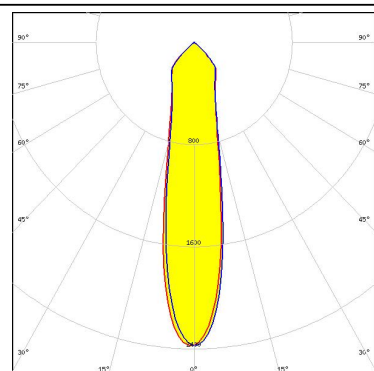
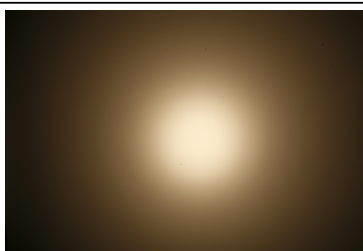
OSRAM
Opto Semiconductors

LED Soleriq S13 19x19
FWHM 19.0°
Efficiency 93 %
Peak intensity 2.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



OSRAM
Opto Semiconductors

LED Soleriq S19
FWHM 22.0°
Efficiency 94 %
Peak intensity 2.380 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: 2213407-2 + OPTIC CLIP Z50 TYPE1 2213194-1

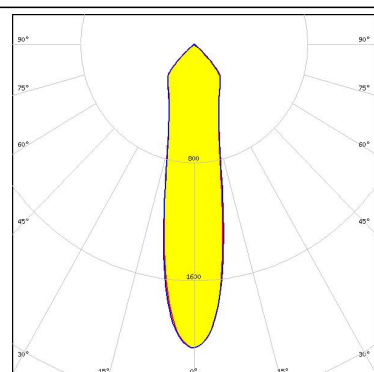
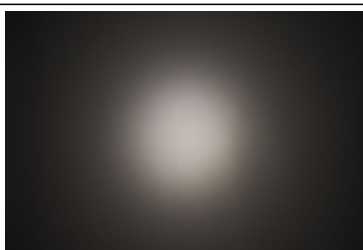


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

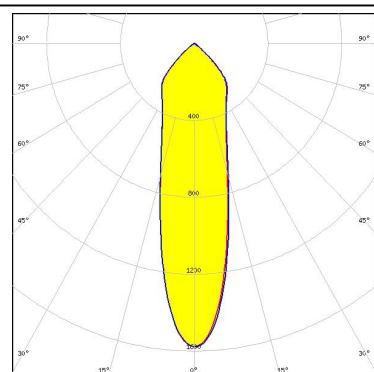
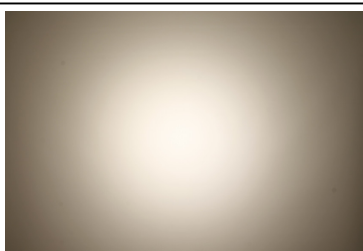
LED Soleriq S19
FWHM 23.0°
Efficiency 92 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29
Bender Wirth: 462 Typ L3



OSRAM

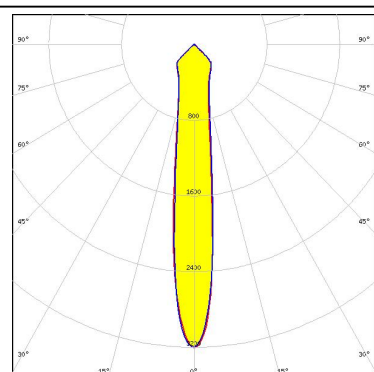
Opto Semiconductors

LED Soleriq S19
FWHM 27.0°
Efficiency 88 %
Peak intensity 1.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
TE: 2213407-2 + OPTIC CLIP Z50 TYPE1 2213194-1



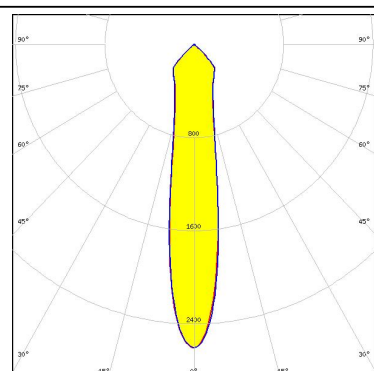
PHILIPS

LED Fortimo SLM L09 + SLM holder
FWHM 15.0°
Efficiency 92 %
Peak intensity 3.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



PHILIPS

LED Fortimo SLM L13 + SLM holder
FWHM 19.0°
Efficiency 92 %
Peak intensity 2.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



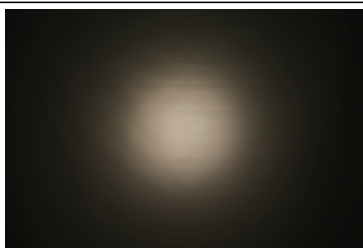
PHOTOMETRIC DATA (MEASURED):

PHILIPS

LED Fortimo SLM L13 CoB
FWHM 20.0°
Efficiency 94 %
Peak intensity 2.800 cd/lm
LEDs/each optic 1
Light colour White

Required components:

TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



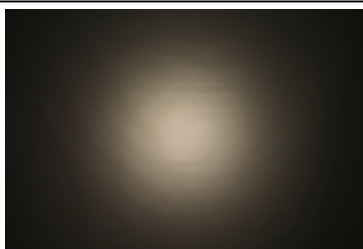
PHILIPS

LED Fortimo SLM L13 CoB
FWHM 23.0°
Efficiency 88 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White

Required components:

F13671_ANGE-RZ-LENS

TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



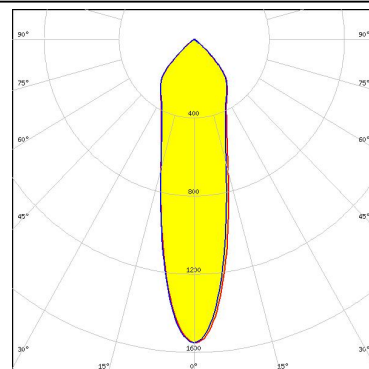
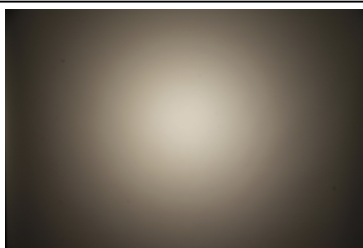
PHILIPS

LED Fortimo SLM L15 + SLM holder
FWHM 27.0°
Efficiency 87 %
Peak intensity 1.600 cd/lm
LEDs/each optic 1
Light colour White

Required components:

F13671_ANGE-RZ-LENS

TE: OPTIC CLIP Z50 TYPE1 2213194-1

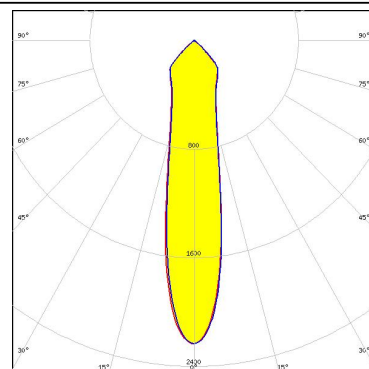
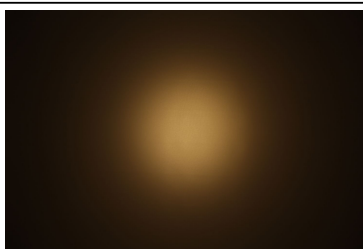


PHILIPS

LED Fortimo SLM L15 + SLM holder
FWHM 21.0°
Efficiency 91 %
Peak intensity 2.240 cd/lm
LEDs/each optic 1
Light colour White

Required components:

TE: OPTIC CLIP Z50 TYPE1 2213194-1



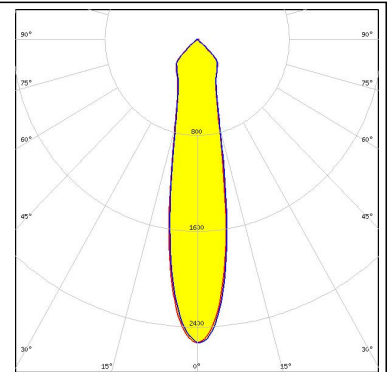
PHOTOMETRIC DATA (MEASURED):

PHILIPS

LED Fortimo SLM L15 CoB
FWHM 22.0°
Efficiency 94 %
Peak intensity 2.500 cd/lm
LEDs/each optic 1
Light colour White

Required components:

TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



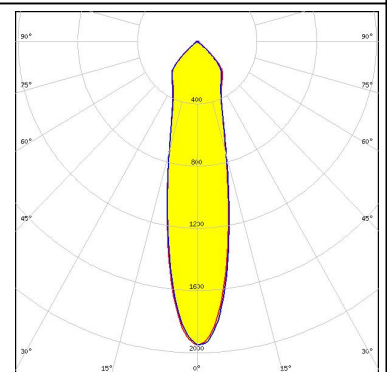
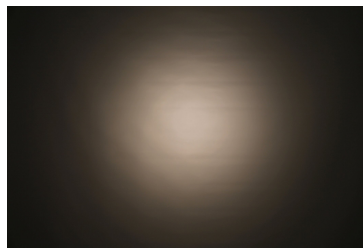
PHILIPS

LED Fortimo SLM L15 CoB
FWHM 24.0°
Efficiency 88 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White

Required components:

F13671_ANGE-RZ-LENS

TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1

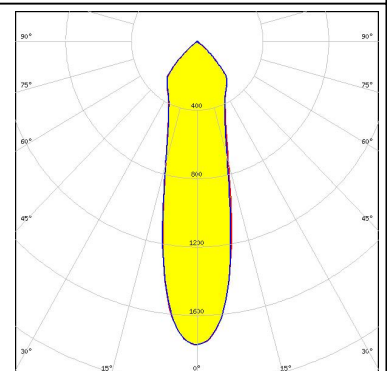
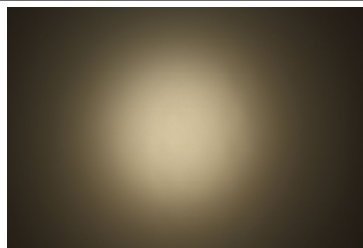


PHILIPS

LED Fortimo SLM L19 + SLM holder
FWHM 26.0°
Efficiency 90 %
Peak intensity 1.770 cd/lm
LEDs/each optic 1
Light colour White

Required components:

TE: OPTIC CLIP Z50 TYPE1 2213194-1



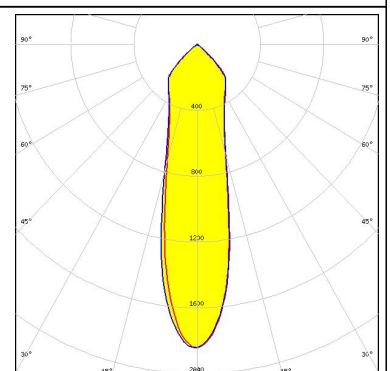
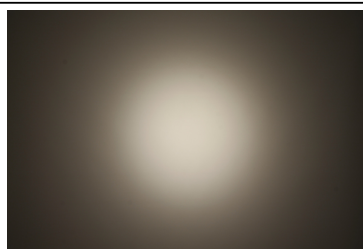
SAMSUNG

LED LC026B / 033B / 040B
FWHM 25.0°
Efficiency 92 %
Peak intensity 1.800 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C13658_CLAMP-VERO13-18

Bender Wirth: 450 Typ L2



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LC026B / 033B / 040B

FWHM 24.0°

Efficiency 93 %

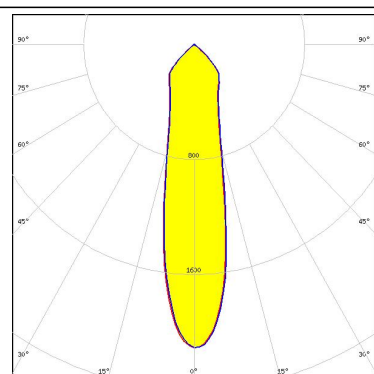
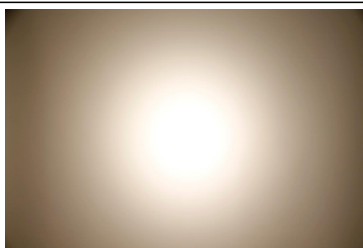
Peak intensity 2.100 cd/lm

LEDs/each optic 1

Light colour White

Required components:

TE: 2213258-2 + OPTIC CLIP Z50 TYPE1 2213194-1



SAMSUNG

LED LC040C

FWHM 21.0°

Efficiency 89 %

Peak intensity 2.200 cd/lm

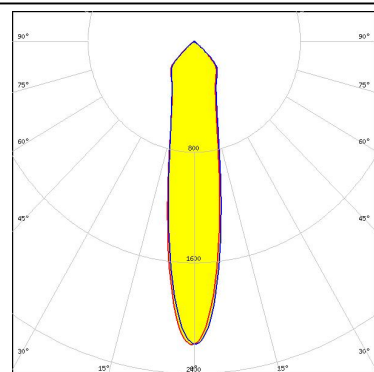
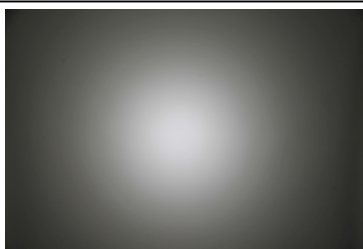
LEDs/each optic 1

Light colour White

Required components:

F13671_ANGE-RZ-LENS

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



SAMSUNG

LED LC040C

FWHM 18.0°

Efficiency 92 %

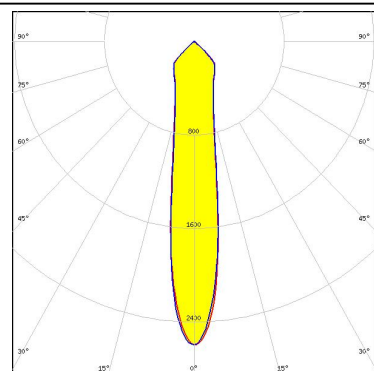
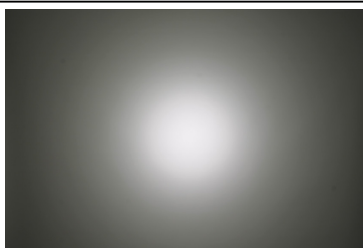
Peak intensity 2.600 cd/lm

LEDs/each optic 1

Light colour White

Required components:

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



SEOUL SEMICONDUCTOR

LED AC Zhaga COB

FWHM 30.0°

Efficiency 88 %

Peak intensity 1.400 cd/lm

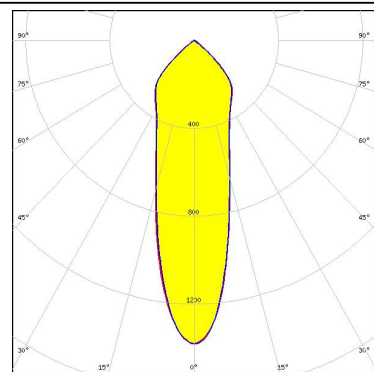
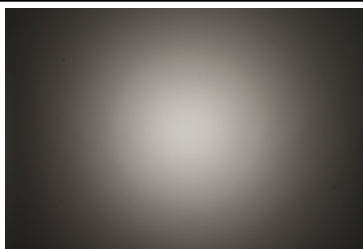
LEDs/each optic 1

Light colour White

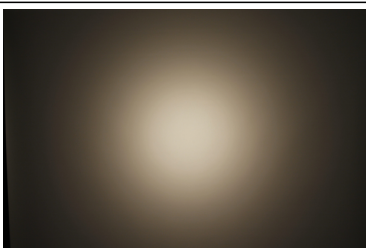
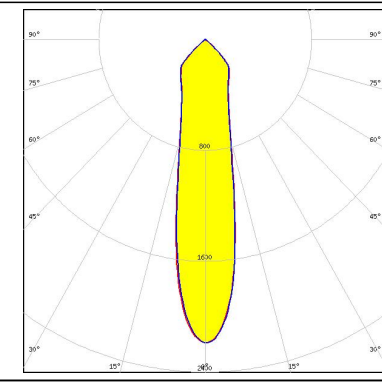
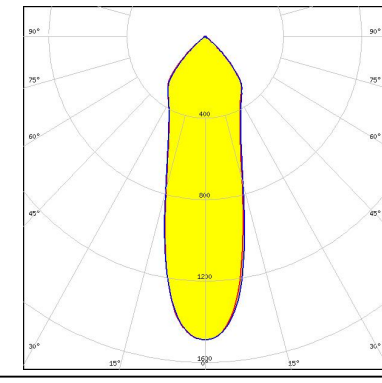
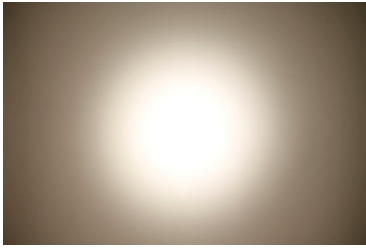
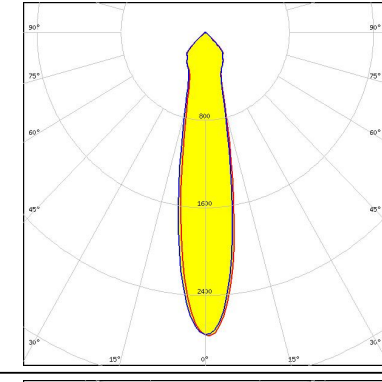
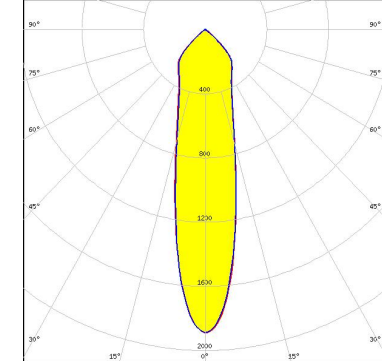
Required components:

F13671_ANGE-RZ-LENS

Optosource: SEHSMJD-A



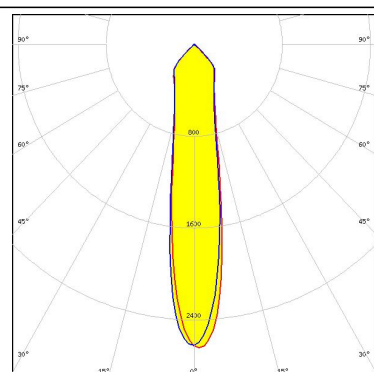
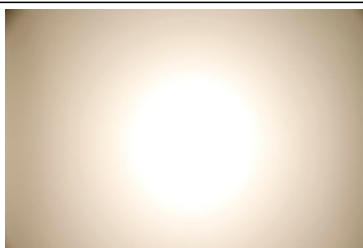
PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR LED MJT COB LES 14.5 FWHM 22.0° Efficiency 93 % Peak intensity 2.200 cd/lm LEDs/each optic 1 Light colour White Required components: TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1		
SEOUL SEMICONDUCTOR LED MJT COB LES 22 FWHM 30.0° Efficiency 91 % Peak intensity 1.500 cd/lm LEDs/each optic 1 Light colour White Required components: C13584_CLAMP-VERO29 Bender Wirth: 431 Typ L3		
SHARP LED Mega Zenigata (GW6DME) FWHM 21.0° Efficiency 92 % Peak intensity 2.770 cd/lm LEDs/each optic 1 Light colour White Required components: TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1		
SHARP LED Mega Zenigata (GW6DME) FWHM 24.0° Efficiency 89 % Peak intensity 1.900 cd/lm LEDs/each optic 1 Light colour White Required components: F13671_ANGE-RZ-LENS TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1		

PHOTOMETRIC DATA (MEASURED):

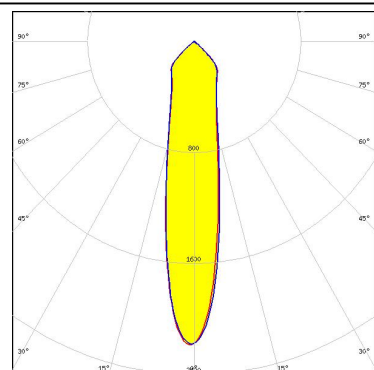
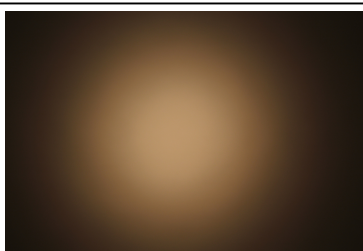
SHARP

LED Mega Zenigata (GW6DME)
FWHM 20.0°
Efficiency 94 %
Peak intensity 2.650 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2100SH + 50-2100AN



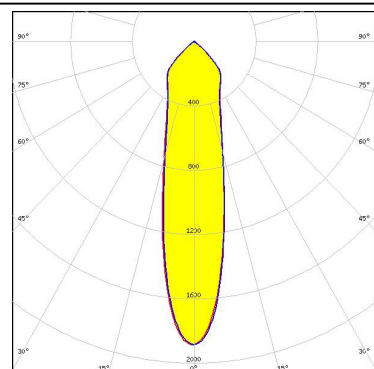
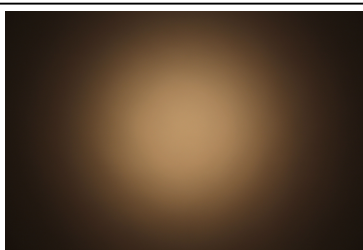
TRIDONIC

LED SLE G1 11mm 1000lm 927 Sunset R EXC
FWHM 21.0°
Efficiency 90 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



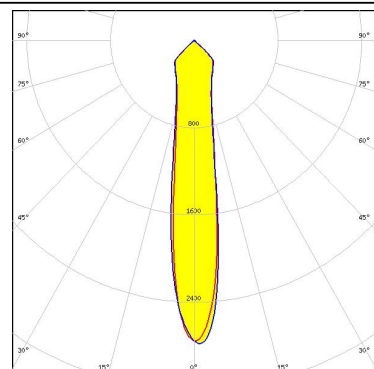
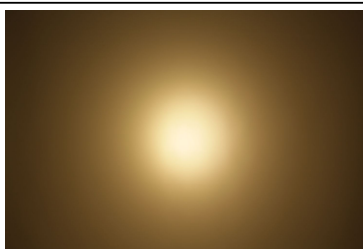
TRIDONIC

LED SLE G1 15mm 2000lm 927 Sunset R EXC
FWHM 24.0°
Efficiency 89 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



TRIDONIC

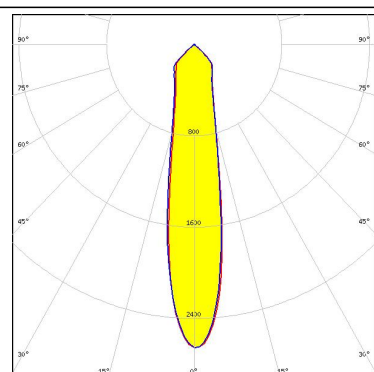
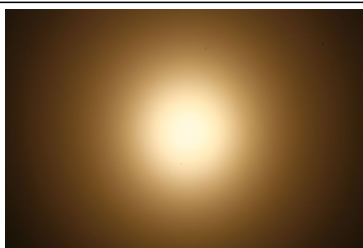
LED SLE G5 LES11
FWHM 17.0°
Efficiency 92 %
Peak intensity 2.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 434 Typ L1



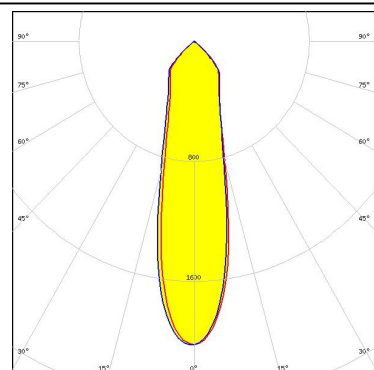
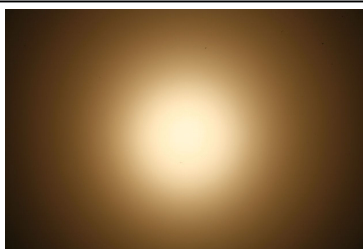
PHOTOMETRIC DATA (MEASURED):



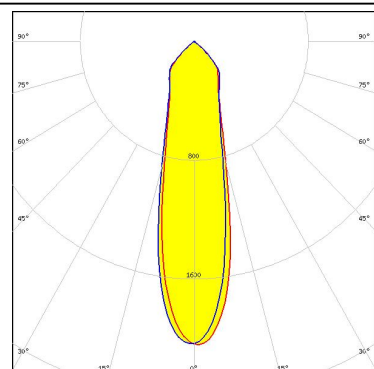
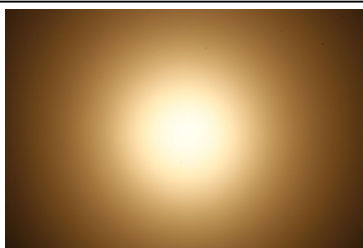
LED WU-M-461
FWHM 20.0°
Efficiency 94 %
Peak intensity 2.660 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



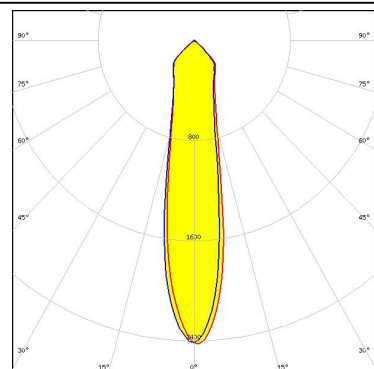
LED WU-M-462
FWHM 26.0°
Efficiency 94 %
Peak intensity 2.030 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



LED WU-M-464
FWHM 26.0°
Efficiency 94 %
Peak intensity 2.040 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



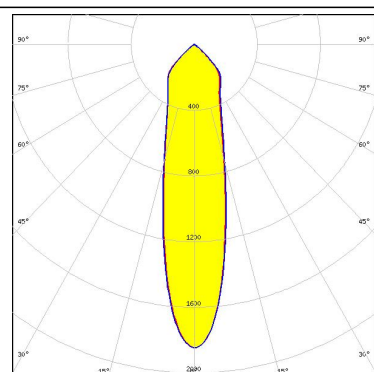
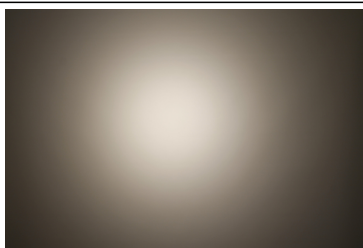
LED WU-M-484
FWHM 21.0°
Efficiency 93 %
Peak intensity 2.430 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



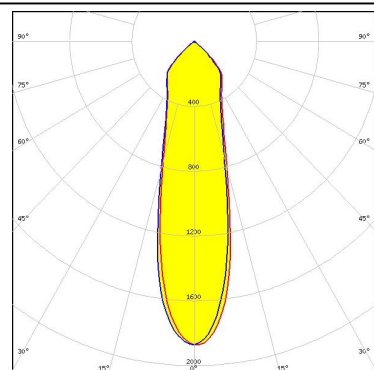
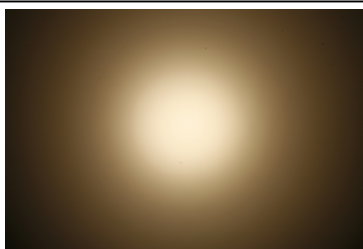
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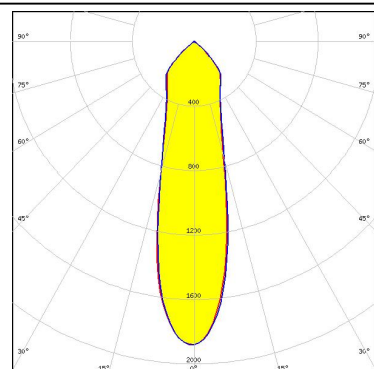
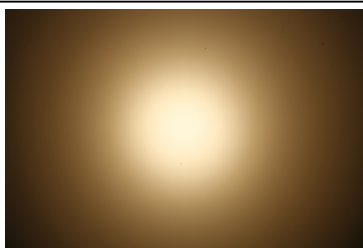
LED WU-M-484
FWHM 25.0°
Efficiency 88 %
Peak intensity 1.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13333_MIRELLA-CL
TE: OPTIC CLIP Z50 TYPE1 2213194-1



LED WU-M-485
FWHM 27.0°
Efficiency 93 %
Peak intensity 1.870 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



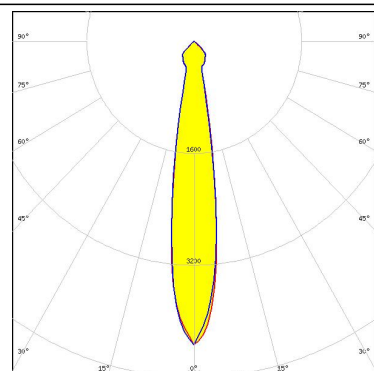
LED WU-M-486
FWHM 26.0°
Efficiency 93 %
Peak intensity 1.880 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: OPTIC CLIP Z50 TYPE1 2213194-1



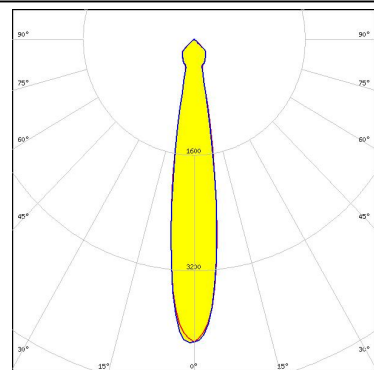
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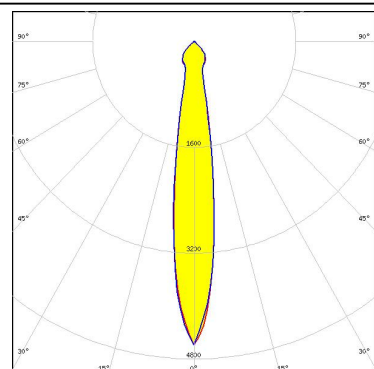
LED V10 Gen7
FWHM 17.0°
Efficiency 94 %
Peak intensity 4.340 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 486 Typ L1



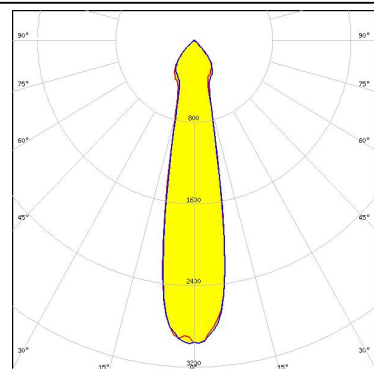
LED V10 Gen7
FWHM 17.0°
Efficiency 94 %
Peak intensity 4.230 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29
Bender Wirth: 486 Typ L1



LED V13 Gen7
FWHM 16.0°
Efficiency 93 %
Peak intensity 4.580 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2103CT + 50-2100AN



LED V22 Gen7
FWHM 21.0°
Efficiency 94 %
Peak intensity 3.038 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2204-CT + 50-2100AN



PHOTOMETRIC DATA (SIMULATED):



LED CxM-14 (19x19)
FWHM 21.0°
Efficiency 92 %
Peak intensity 2.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 433 Typ L1



LED CxM-9 (13.5x13.5)
FWHM 17.0°
Efficiency 93 %
Peak intensity 2.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 434 Typ L1



SEOUL SEMICONDUCTOR

LED ZC12/18
FWHM 21.0°
Efficiency 92 %
Peak intensity 2.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 433 Typ L1



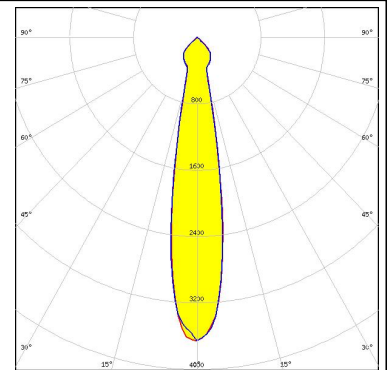
SEOUL SEMICONDUCTOR

LED ZC4/6
FWHM 17.0°
Efficiency 93 %
Peak intensity 2.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 434 Typ L1

PHOTOMETRIC DATA (SIMULATED):

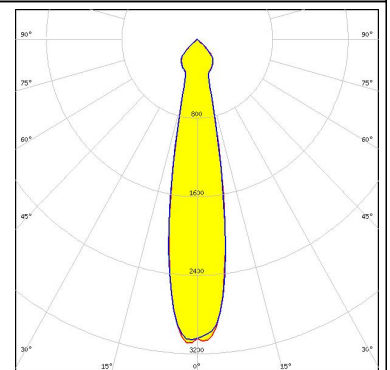
TRIDONIC

LED SLE G6 LES15
FWHM 19.0°
Efficiency 92 %
Peak intensity 3.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



TRIDONIC

LED SLE G6 LES17
FWHM 21.0°
Efficiency 89 %
Peak intensity 3.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



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.

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