

ANGELINA-W

~50° wide beam

TECHNICAL SPECIFICATIONS:

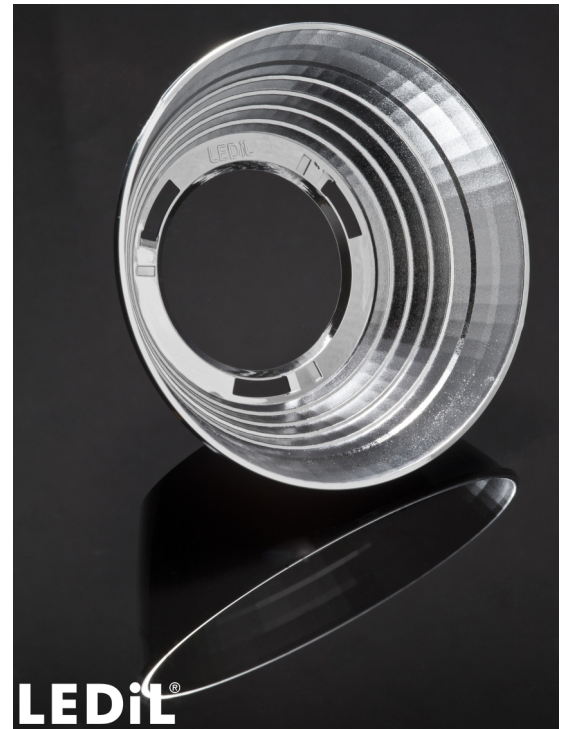
Dimensions	Ø 82.0 mm
Height	31 mm
Fastening	socket
ROHS compliant	yes ⓘ

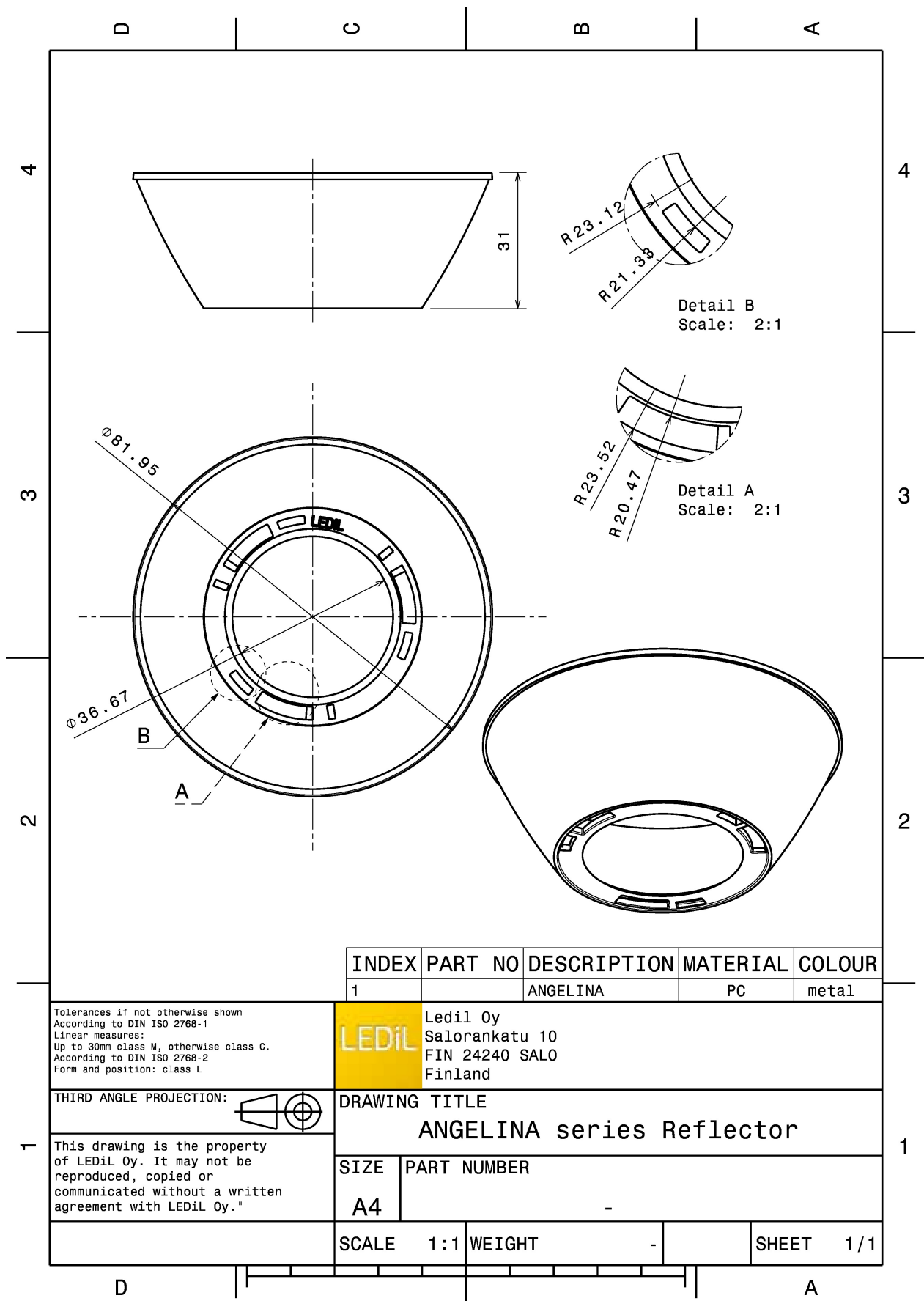
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish	Coating
ANGELINA-W	Reflector	PC	metal		HMDS

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F13402_ANGELINA-W » Box size: 480 x 280 x 300 mm	900	120	60	11.3



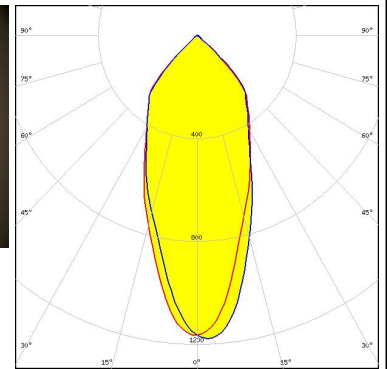
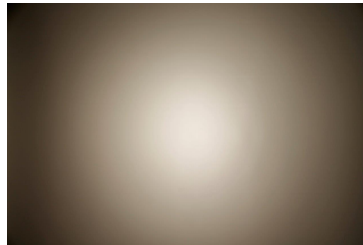


See also our general installation guide: www.ledil.com/installation_guide

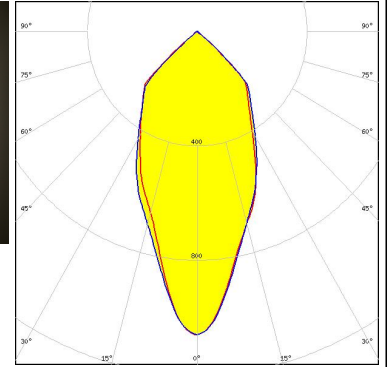
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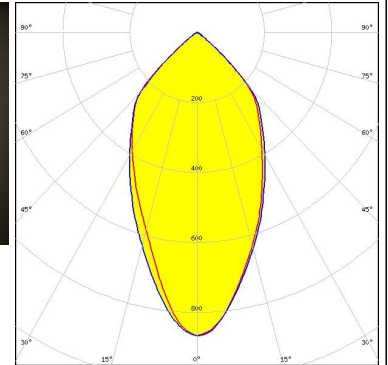
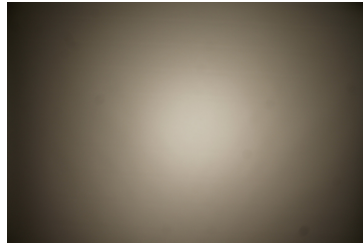
LED BXRA ES Rectangle
 FWHM / FWTM 43.0° / 95.0°
 Efficiency 93 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2100BL + 50-2100AN



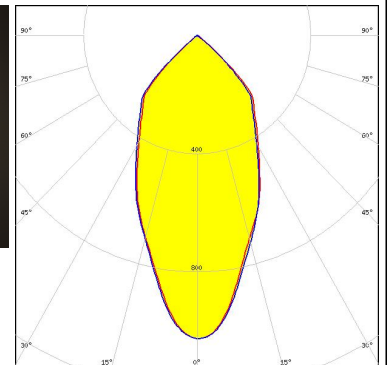
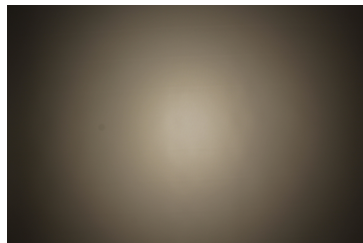
LED V10 Gen7
 FWHM / FWTM 47.0° / 98.0°
 Efficiency 92 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 434 Typ L1



LED V10 Gen7
 FWHM / FWTM 54.0° / 100.0°
 Efficiency 87 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 F13671_ANGE-RZ-LENS
 Bender Wirth: 434 Typ L1



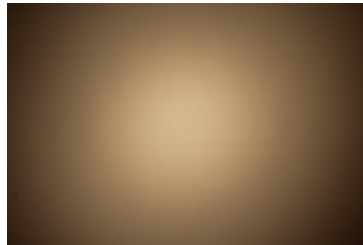
LED V13 Gen7
 FWHM / FWTM 50.0° / 98.0°
 Efficiency 92 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



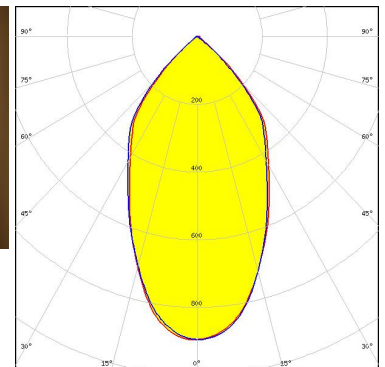
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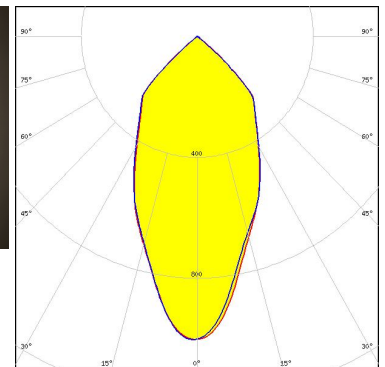
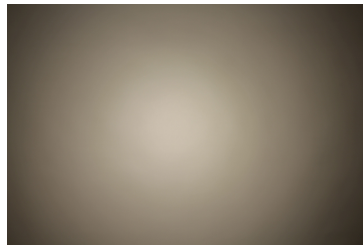
LED V15 Gen6
FWHM / FWTM 51.0° / 102.0°
Efficiency 93 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 456 Typ L2



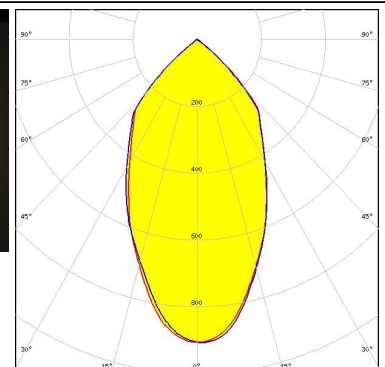
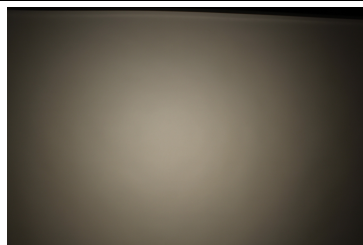
LED V22 Gen6
FWHM / FWTM 57.0° / 98.0°
Efficiency 92 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2204-CT + 50-2100AN



LED Vero SE 13
FWHM / FWTM 51.0° / 99.0°
Efficiency 93 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16402_CLAMP-VEROSE-13-18



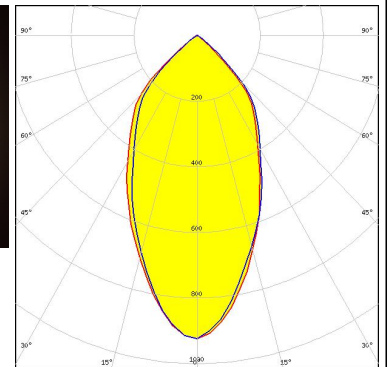
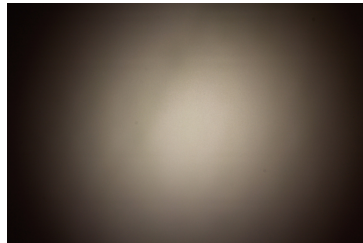
LED Vero SE 18
FWHM / FWTM 57.0° / 100.0°
Efficiency 93 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16402_CLAMP-VEROSE-13-18



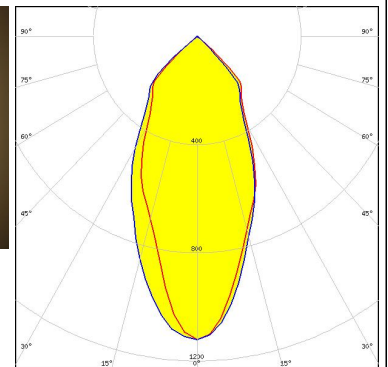
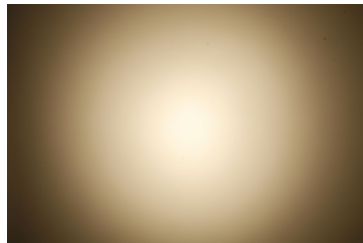
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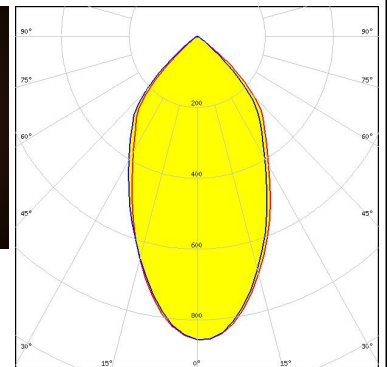
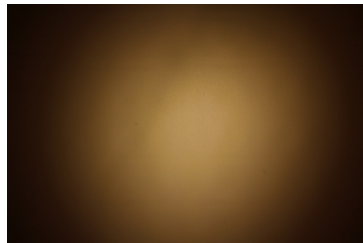
LED VERO13
FWHM / FWTM 53.0° / 101.0°
Efficiency 89 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
F13671_ANGE-RZ-LENS



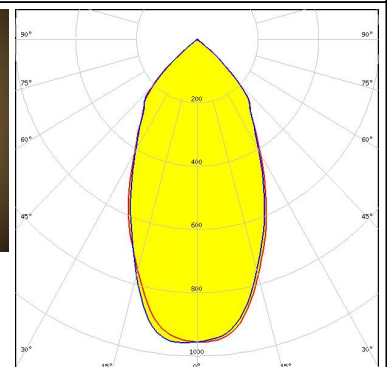
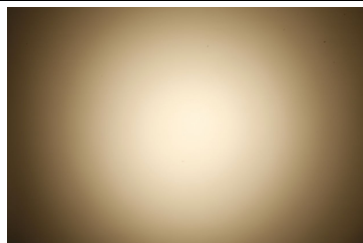
LED VERO13
FWHM / FWTM 49.0° / 97.0°
Efficiency 92 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18



LED VERO18
FWHM / FWTM 56.0° / 101.0°
Efficiency 90 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
F13671_ANGE-RZ-LENS



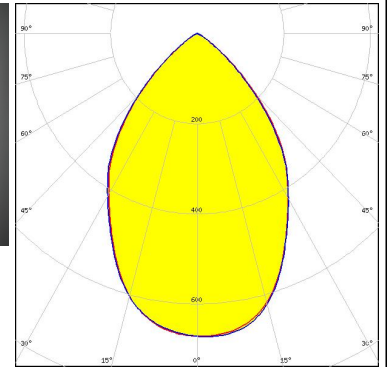
LED VERO18
FWHM / FWTM 55.0° / 98.0°
Efficiency 92 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18



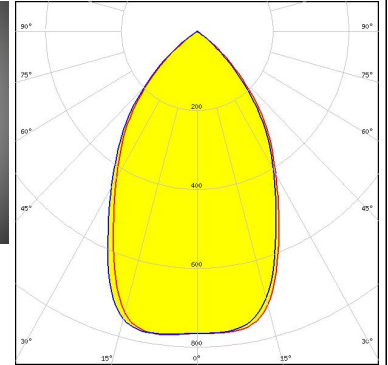
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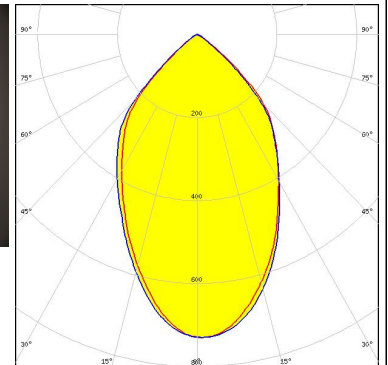
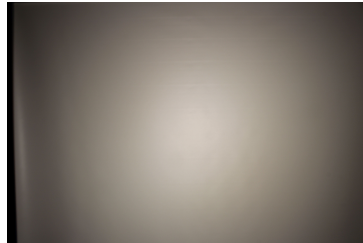
LED VERO29
FWHM / FWTM 73.0° / 106.0°
Efficiency 88 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29
F13671_ANGE-RZ-LENS



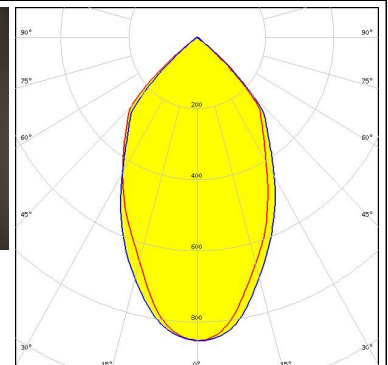
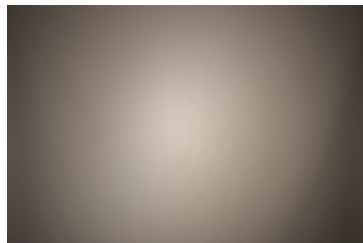
LED VERO29
FWHM / FWTM 64.0° / 102.0°
Efficiency 89 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29



LED Vesta TW 15mm DP
FWHM / FWTM 67.0° / 104.0°
Efficiency 88 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C13658_CLAMP-VERO13-18
F13671_ANGE-RZ-LENS
Bender Wirth: 482 Typ L2



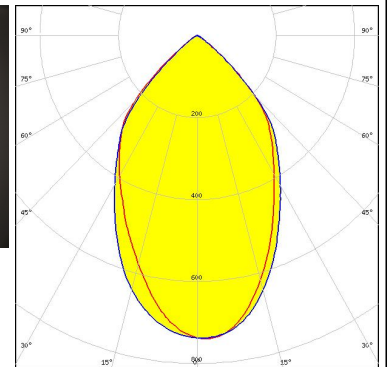
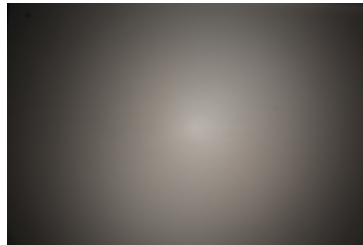
LED Vesta TW 15mm DP
FWHM / FWTM 62.0° / 101.0°
Efficiency 93 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 482 Typ L2



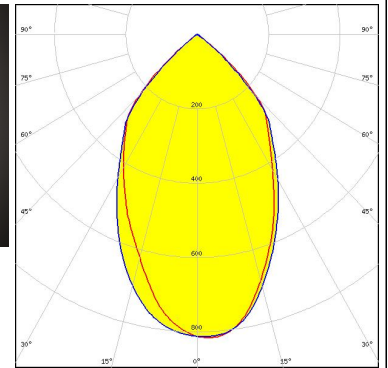
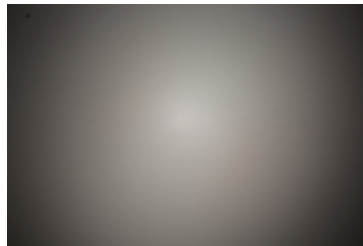
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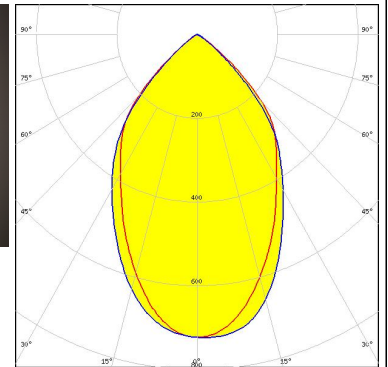
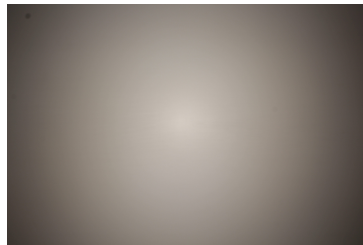
LED Vesta TW 18mm (31W) DP
 FWHM / FWTM 66.0° / 103.0°
 Efficiency 88 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C13584_CLAMP-VERO29
 F13671_ANGE-RZ-LENS
 Bender Wirth: 483 Typ L3



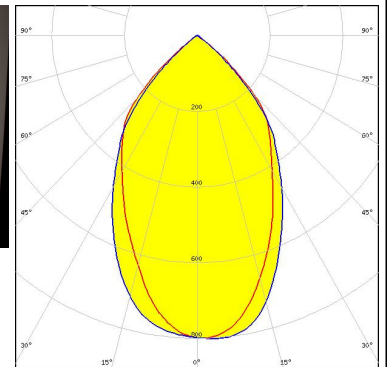
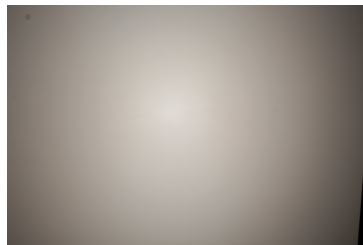
LED Vesta TW 18mm (31W) DP
 FWHM / FWTM 63.0° / 101.0°
 Efficiency 93 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C13584_CLAMP-VERO29
 Bender Wirth: 483 Typ L3



LED Vesta TW 22mm DP
 FWHM / FWTM 67.0° / 103.0°
 Efficiency 88 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C13584_CLAMP-VERO29
 F13671_ANGE-RZ-LENS
 Bender Wirth: 494 Typ L3



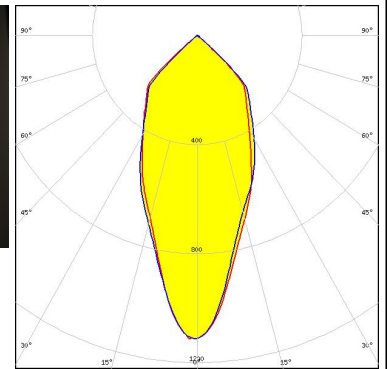
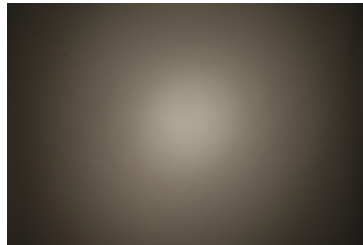
LED Vesta TW 22mm DP
 FWHM / FWTM 65.0° / 102.0°
 Efficiency 92 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C13584_CLAMP-VERO29
 Bender Wirth: 494 Typ L3



PHOTOMETRIC DATA (MEASURED):

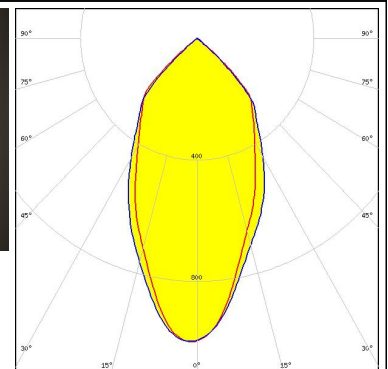
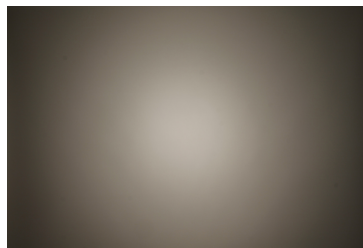
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM / FWTM 45.0° / 98.0°
 Efficiency 93 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 434 Typ L1



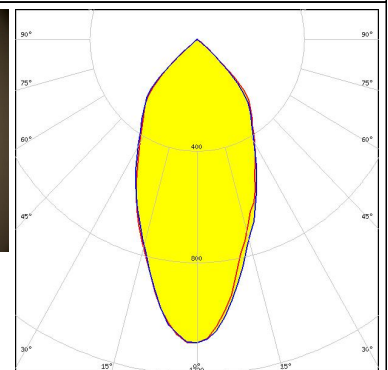
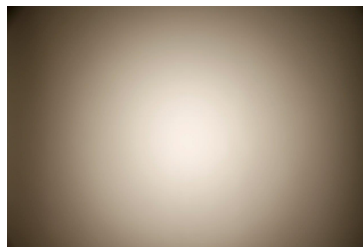
CITIZEN

LED CLL03x/CLU03x
 FWHM / FWTM 52.0° / 98.0°
 Efficiency 92 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 433 Typ L1



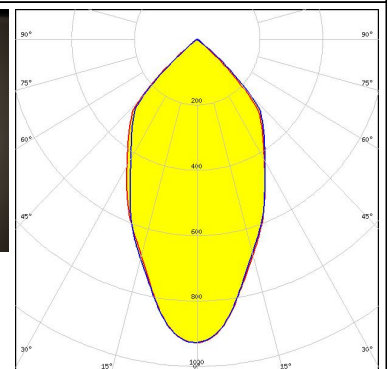
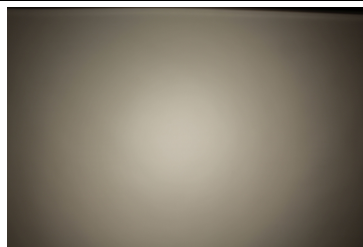
CITIZEN

LED CLL03x/CLU03x
 FWHM / FWTM 48.0° / 97.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



CITIZEN

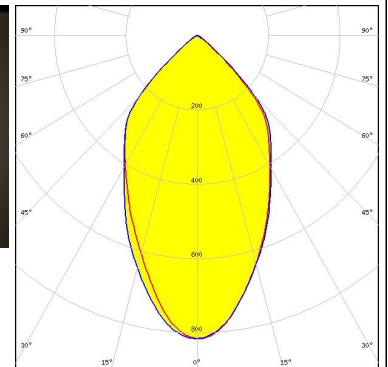
LED CLL03x/CLU03x
 FWHM / FWTM 57.0° / 98.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16791_CLAMP-Z45-A
 TE Connectivity: 2325807-3



PHOTOMETRIC DATA (MEASURED):

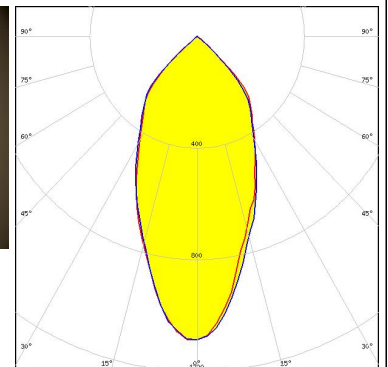
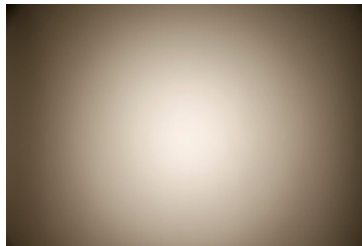
CITIZEN

LED CLL03x/CLU03x
FWHM / FWTM 60.0° / 101.0°
Efficiency 89 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16791_CLAMP-Z45-A
F13671_ANGE-RZ-LENS
TE Connectivity: 2325807-3



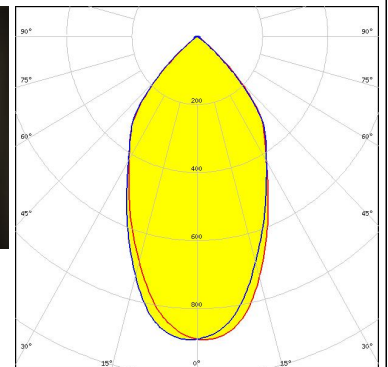
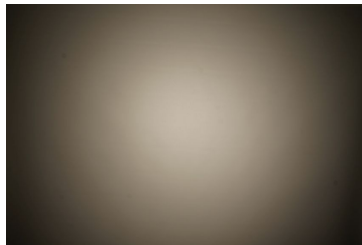
CITIZEN

LED CLL03x/CLU03x
FWHM / FWTM 43.0° / 94.0°
Efficiency 93 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2103CT + 50-2100AN



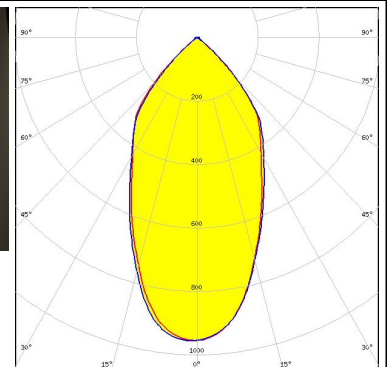
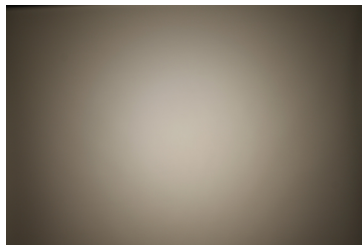
CITIZEN

LED CLL04x/CLU04x
FWHM / FWTM 43.0° / 96.0°
Efficiency 91 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2204-CT + 50-2100AN



CITIZEN

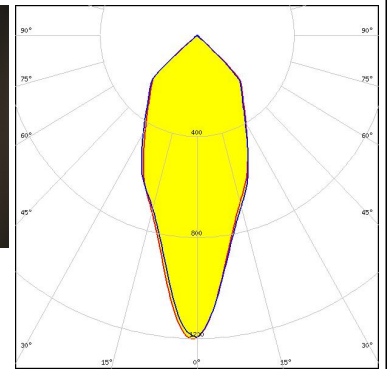
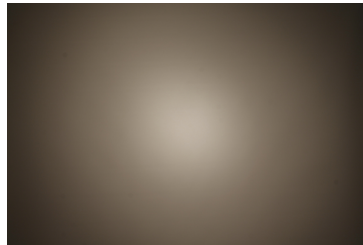
LED CLL04x/CLU04x
FWHM / FWTM 54.0° / 97.0°
Efficiency 92 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29
Bender Wirth: 431 Typ L3



PHOTOMETRIC DATA (MEASURED):

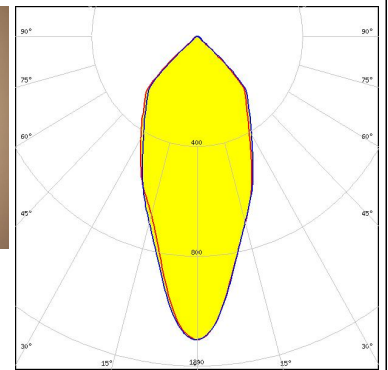
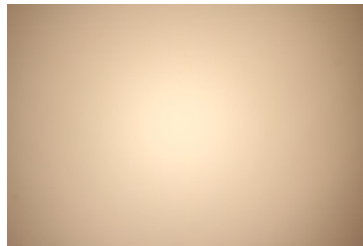
CITIZEN

LED CLU700/701/702
 FWHM / FWTM 42.0° / 97.0°
 Efficiency 92 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 434 Typ L1



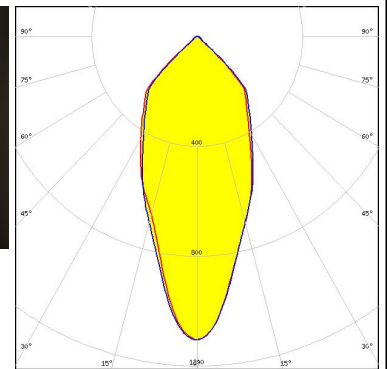
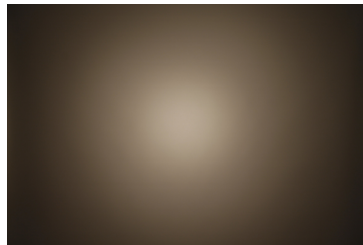
CITIZEN

LED CLU720/721
 FWHM / FWTM 45.0° / 97.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



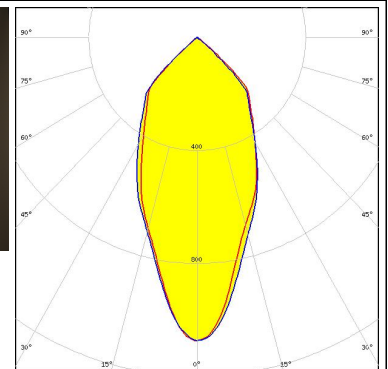
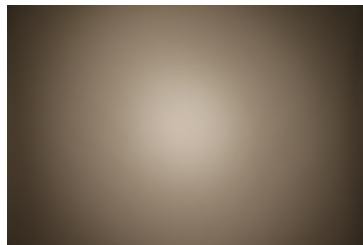
CITIZEN

LED CLU720/721
 FWHM / FWTM 38.0° / 94.0°
 Efficiency 93 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2103CT + 50-2100AN



CITIZEN

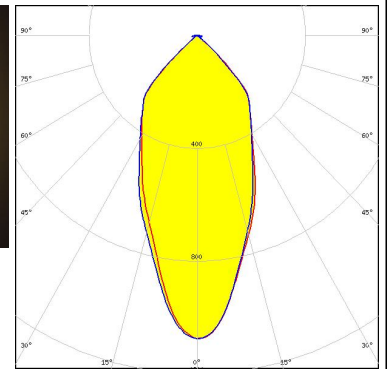
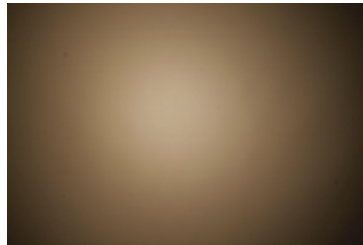
LED CLU720/721
 FWHM / FWTM 48.0° / 98.0°
 Efficiency 92 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18



PHOTOMETRIC DATA (MEASURED):

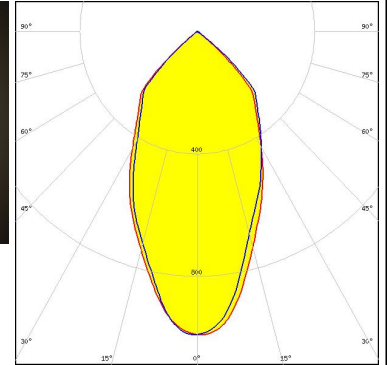
CITIZEN

LED CLU730/731
 FWHM / FWTM 56.0° / 96.0°
 Efficiency 91 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2204-CT + 50-2100AN



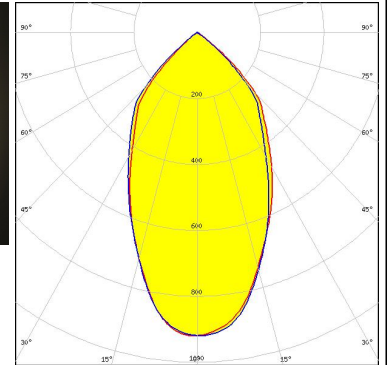
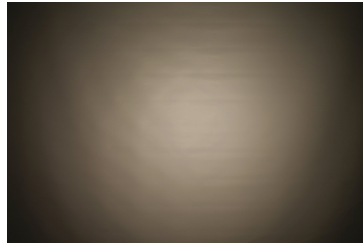
CREE LED

LED CMA1840
 FWHM / FWTM 53.0° / 100.0°
 Efficiency 95 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14123_CLAMP-CXA15-18



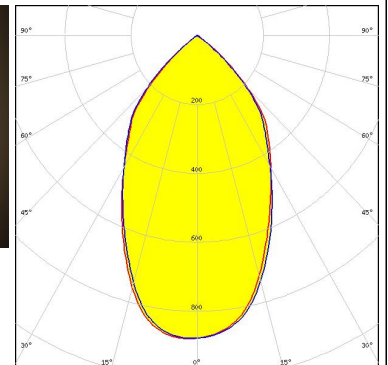
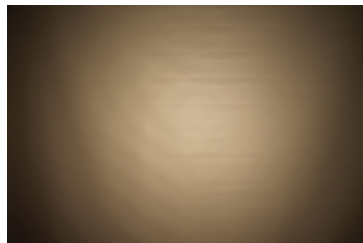
CREE LED

LED CMA2550
 FWHM / FWTM 57.0° / 100.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14036_CLAMP_CXA25-30



CREE LED

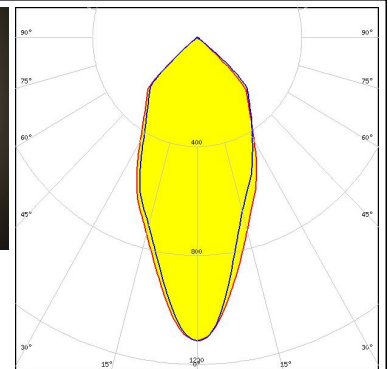
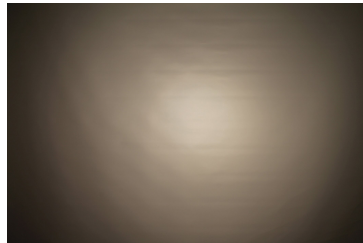
LED CMA3090
 FWHM / FWTM 60.0° / 100.0°
 Efficiency 95 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14036_CLAMP_CXA25-30



PHOTOMETRIC DATA (MEASURED):

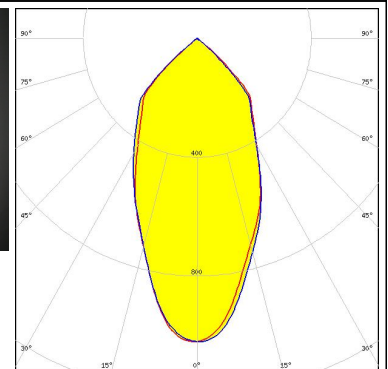
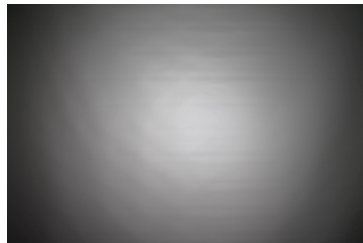
CREE LED

LED CMT14xx
FWHM / FWTM 47.0° / 98.0°
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 434 Typ L1



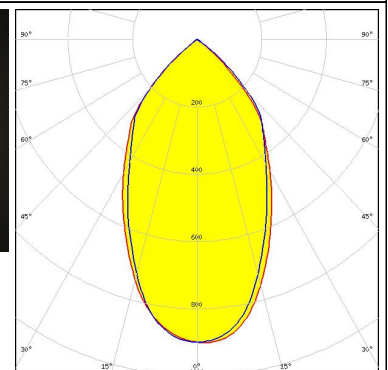
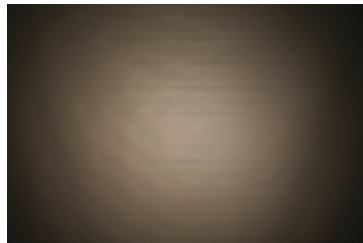
CREE LED

LED CMT19xx
FWHM / FWTM 51.0° / 99.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 477 Typ L1



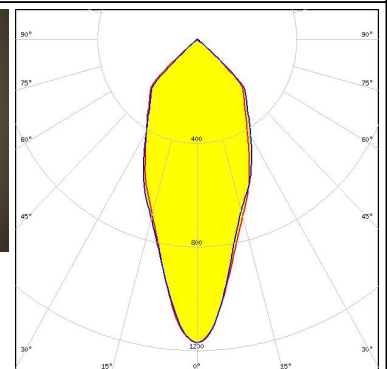
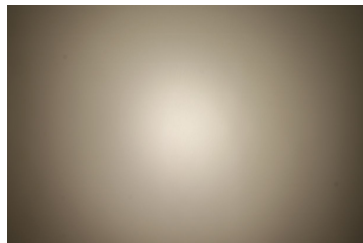
CREE LED

LED CMT28xx
FWHM / FWTM 58.0° / 100.0°
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29
Bender Wirth: 471 Typ L3



CREE LED

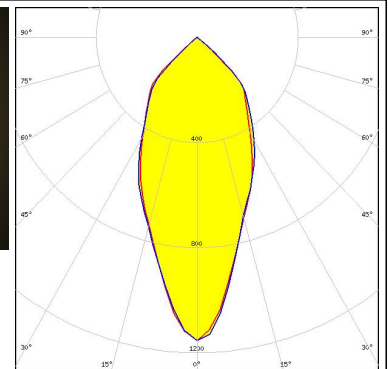
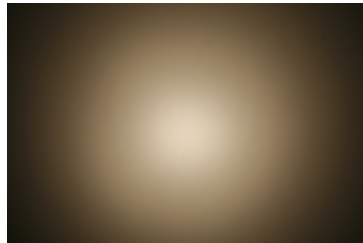
LED CXA/B 15xx
FWHM / FWTM 42.0° / 97.0°
Efficiency 93 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 441 Typ L1



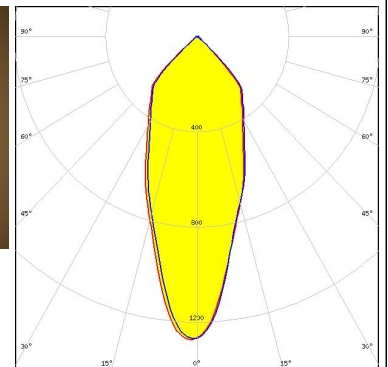
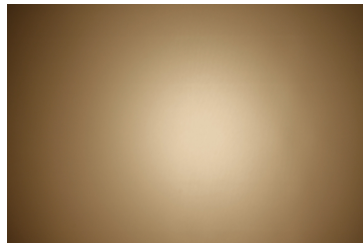
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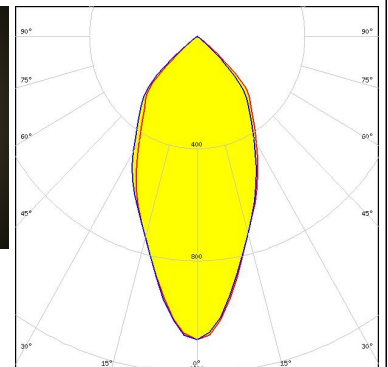
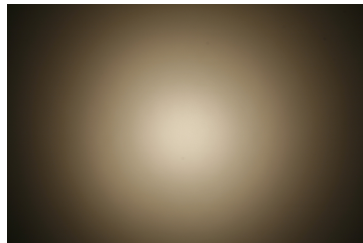
LED CXA/B 15xx
FWHM / FWTM 46.0° / 99.0°
Efficiency 93 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14123_CLAMP-CXA15-18



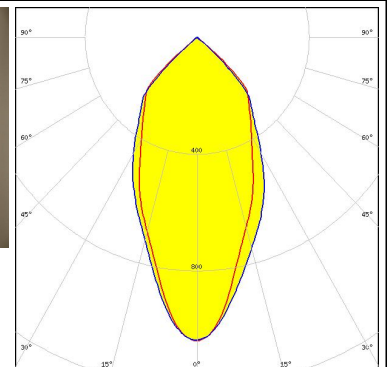
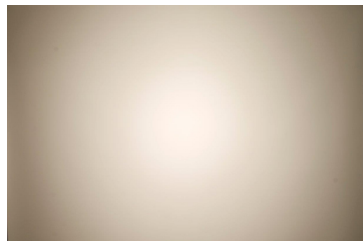
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM / FWTM 39.0° / 94.0°
Efficiency 94 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2101CR + 50-2100AN



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM / FWTM 50.0° / 100.0°
Efficiency 94 %
Peak intensity 1.1 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 / FWTM 50.0° / 98.0°
Efficiency 92 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13658_CLAMP-VERO13-18
Bender Wirth: 437 Typ L1



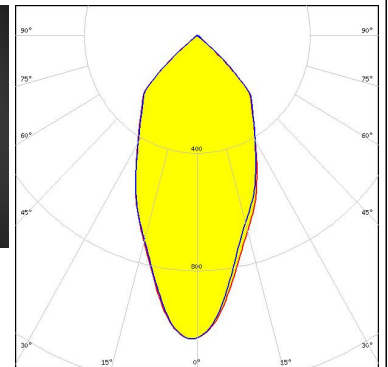
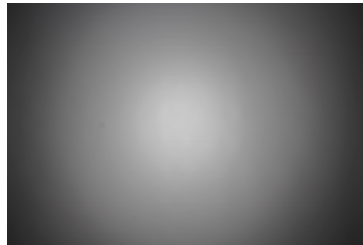
PHOTOMETRIC DATA (MEASURED):



LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM / FWTM 49.0° / 98.0°
 Efficiency 92 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:

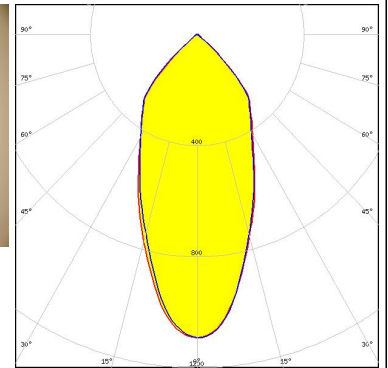
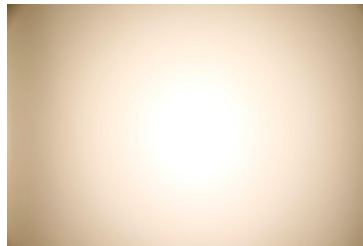
TE Connectivity: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED CXA/B 25xx
 FWHM / FWTM 47.0° / 96.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:

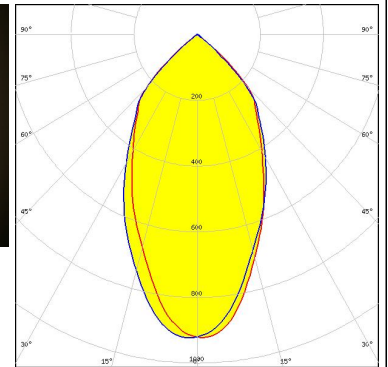
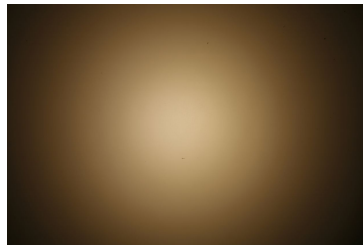
IDEAL: 50-2102CR + 50-2100AN



LED CXA/B 25xx
 FWHM / FWTM 56.0° / 100.0°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:

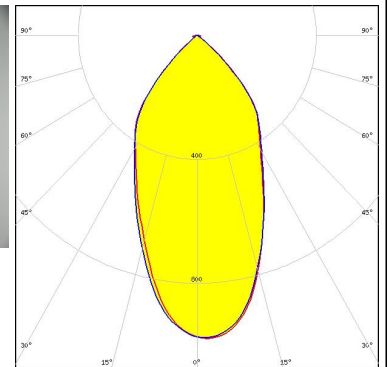
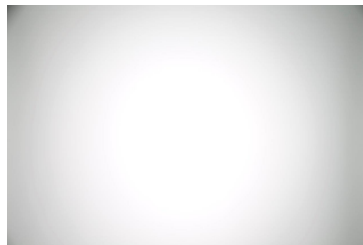
C14036_CLAMP_CXA25-30



LED CXA/B 30xx
 FWHM / FWTM 52.0° / 97.0°
 Efficiency 93 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:

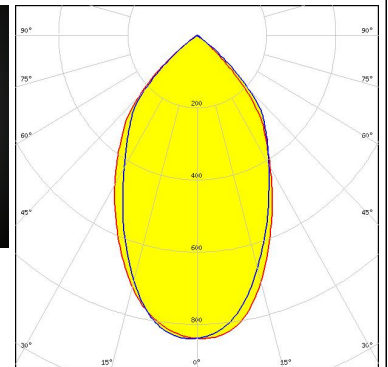
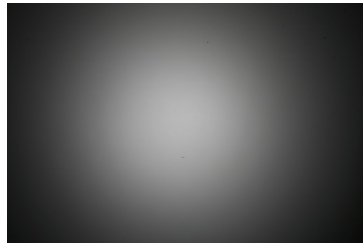
IDEAL: 50-2234C + 50-2100AN



PHOTOMETRIC DATA (MEASURED):

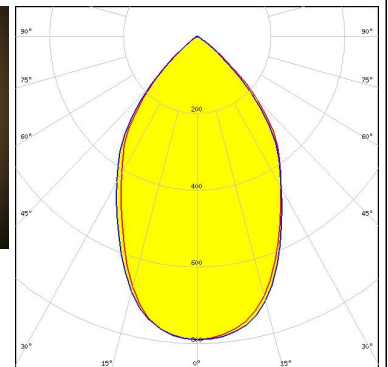
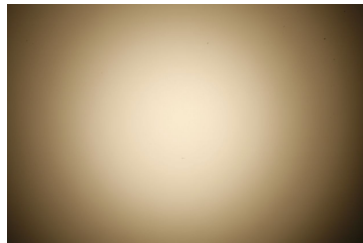
CREE LED

LED CXA/B 30xx
FWHM / FWTM 61.0° / 101.0°
Efficiency 92 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14036_CLAMP_CXA25-30



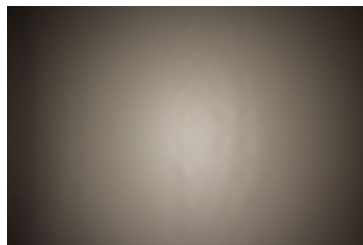
CREE LED

LED CXA/B 3590
FWHM / FWTM 66.0° / 103.0°
Efficiency 93 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
IDEAL: 50-2303CR + 50-2300AN



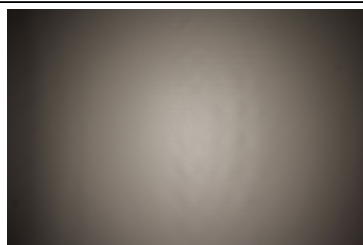
EVERLIGHT

LED CHI3030 19W
FWHM / FWTM 54.0° / 100.0°
Efficiency 88 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29
F13671_ANGE-RZ-LENS
Bender Wirth: 468 Typ L3



EVERLIGHT

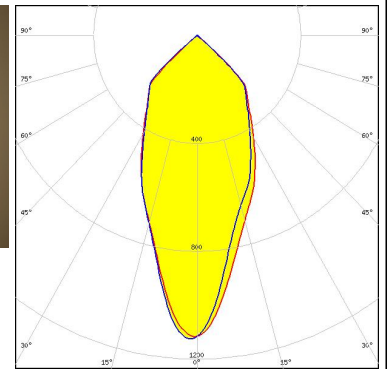
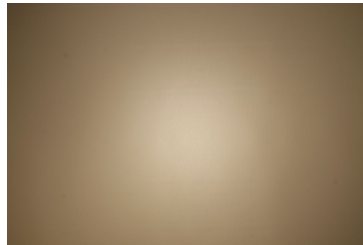
LED CHI3030 29W
FWHM / FWTM 62.0° / 104.0°
Efficiency 87 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29
F13671_ANGE-RZ-LENS
Bender Wirth: 468 Typ L3



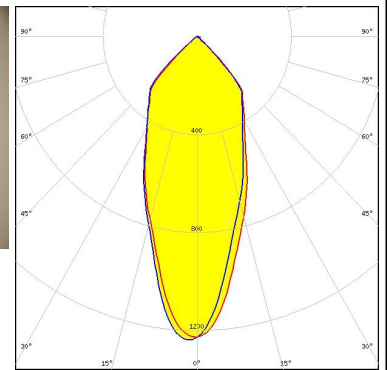
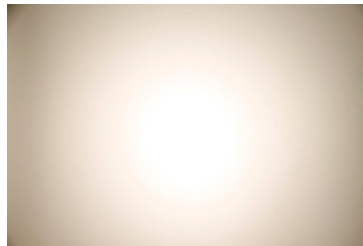
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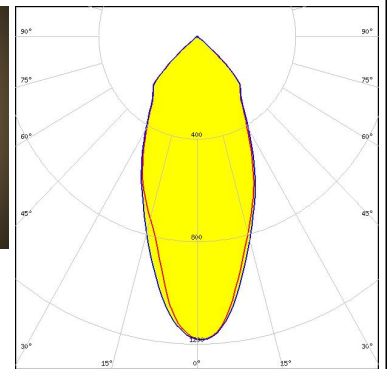
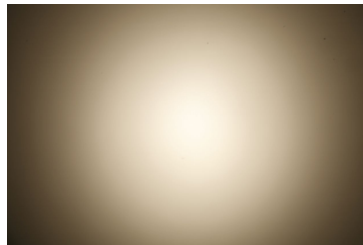
LED LUXEON CoB 1202/1203
 FWHM / FWTM 45.0° / 98.0°
 Efficiency 93 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 438 Typ L1



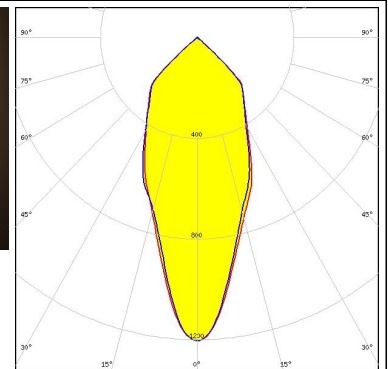
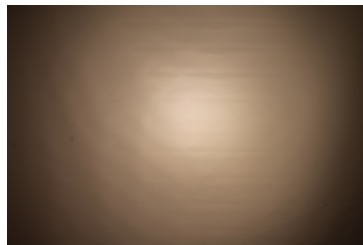
LED LUXEON CoB 1204/1205
 FWHM / FWTM 40.0° / 94.0°
 Efficiency 93 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2100SH + 50-2100AN



LED LUXEON CoB 1204/1205
 FWHM / FWTM 45.0° / 96.0°
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



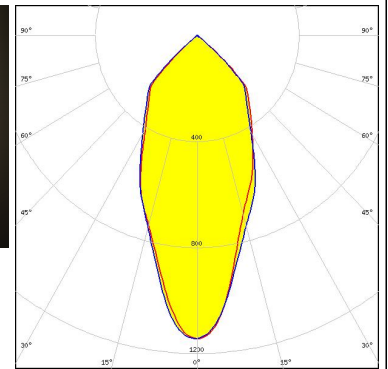
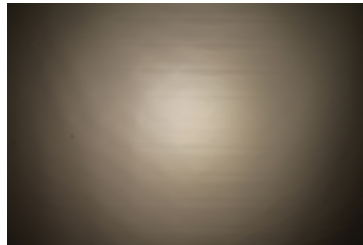
LED LUXEON CoB 1204HD
 FWHM / FWTM 43.0° / 97.0°
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



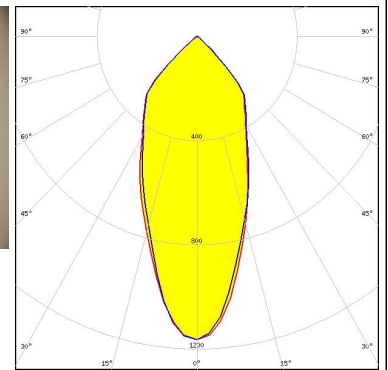
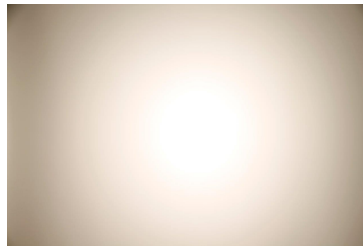
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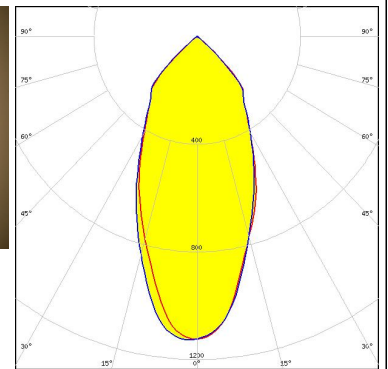
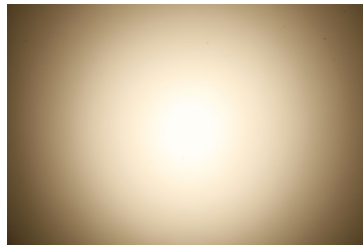
LED LUXEON CoB 1205HD
 FWHM / FWTM 46.0° / 97.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



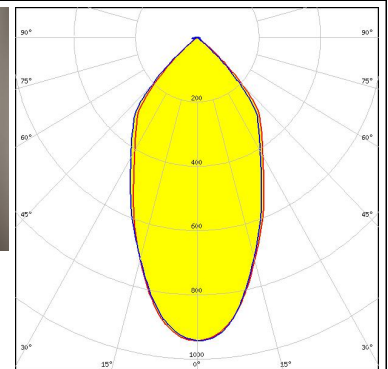
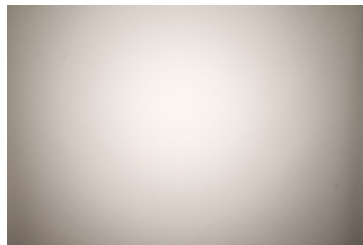
LED LUXEON CoB 1208
 FWHM / FWTM 44.0° / 95.0°
 Efficiency 93 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2100SH + 50-2100AN



LED LUXEON CoB 1208
 FWHM / FWTM 48.0° / 96.0°
 Efficiency 93 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



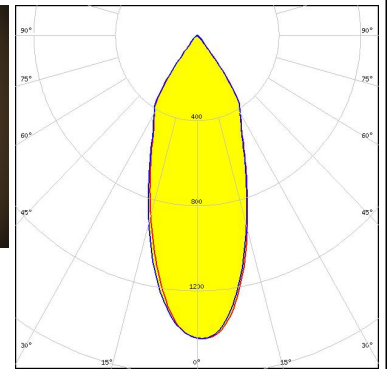
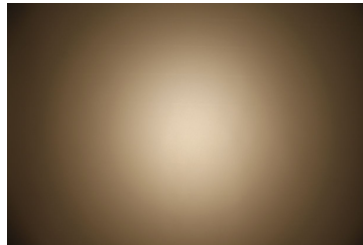
LED LUXEON CoB 1211
 FWHM / FWTM 53.0° / 97.0°
 Efficiency 91 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2204-CT + 50-2100AN



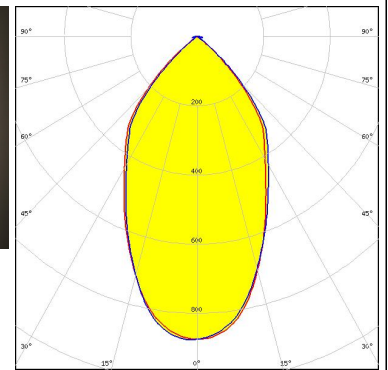
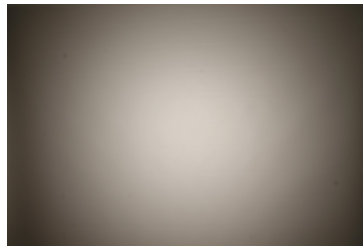
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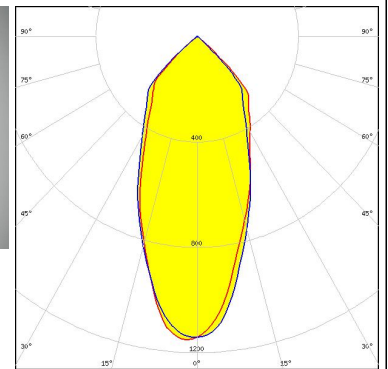
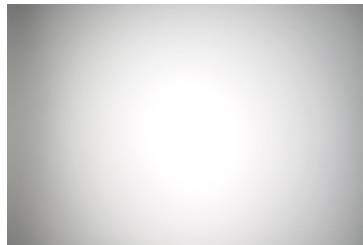
LED LUXEON CoB 1211
 FWHM / FWTM 55.0° / 99.0°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13584_CLAMP-VERO29
 Bender Wirth: 431 Typ L3



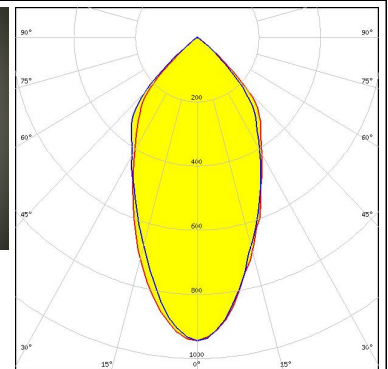
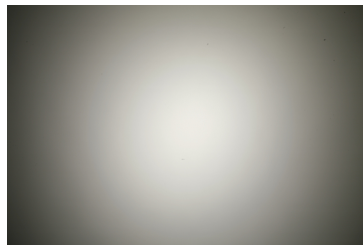
LED LUXEON CoB 1216/1812
 FWHM / FWTM 58.0° / 99.0°
 Efficiency 91 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2204-CT + 50-2100AN



LED LUXEON K12
 FWHM / FWTM 45.0° / 97.0°
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213134-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED LUXEON K12
 FWHM / FWTM 54.0° / 100.0°
 Efficiency 89 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 TE Connectivity: 2213134-2 + OPTIC CLIP Z50 TYPE1 2213194-1



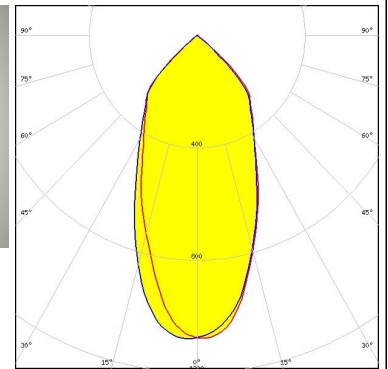
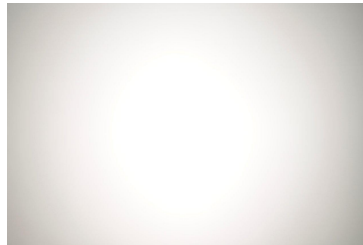
PHOTOMETRIC DATA (MEASURED):



LED LUXEON K16
FWHM / FWTM 48.0° / 97.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White

Required components:

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

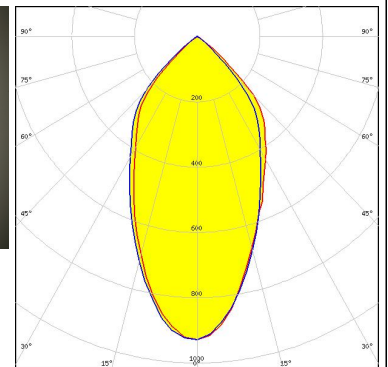
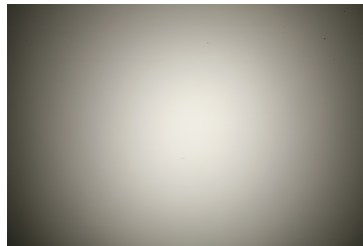


LED LUXEON K16
FWHM / FWTM 54.0° / 100.0°
Efficiency 89 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White

Required components:

F13671_ANGE-RZ-LENS

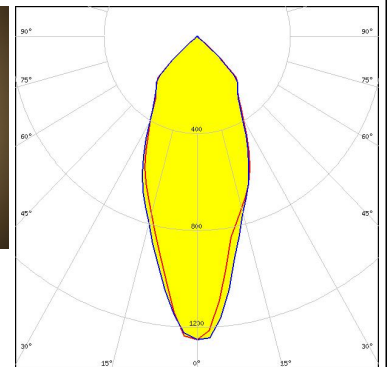
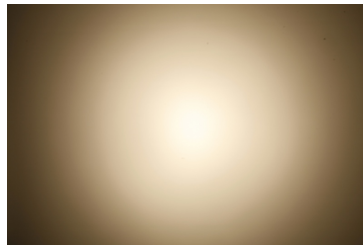
TE Connectivity: 2213134-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED LUXEON S2000
FWHM / FWTM 42.0° / 96.0°
Efficiency 92 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

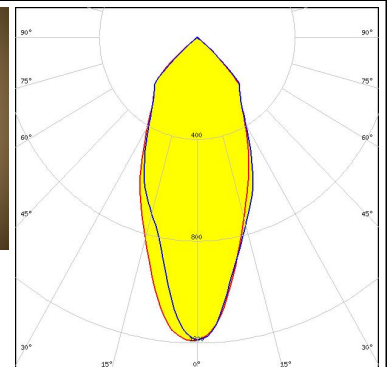
C13395_CLAMP-S2000



LED LUXEON S3000
FWHM / FWTM 44.0° / 96.0°
Efficiency 92 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White

Required components:

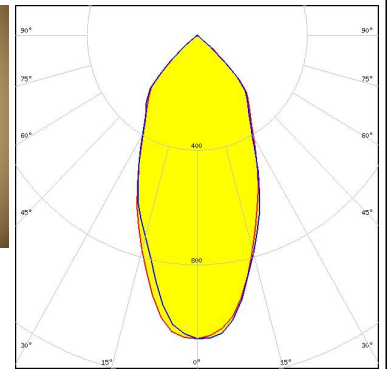
C13397_CLAMP-S3000



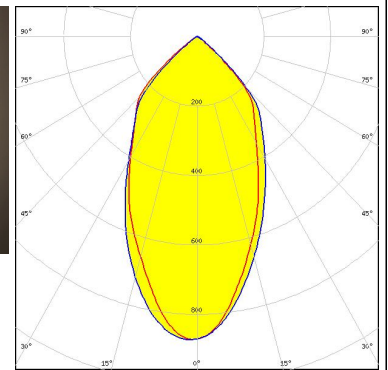
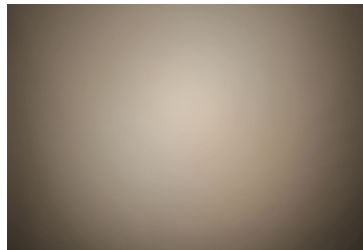
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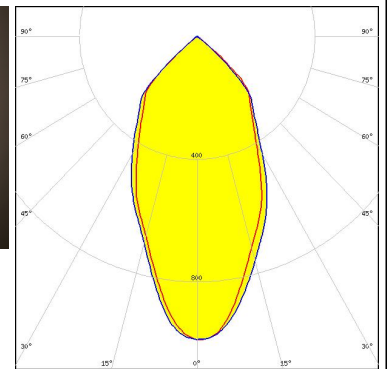
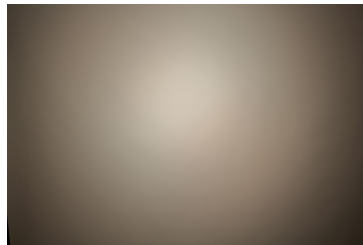
LED LUXEON S5000
 FWHM / FWTM 49.0° / 97.0°
 Efficiency 92 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13399_CLAMP-S5000



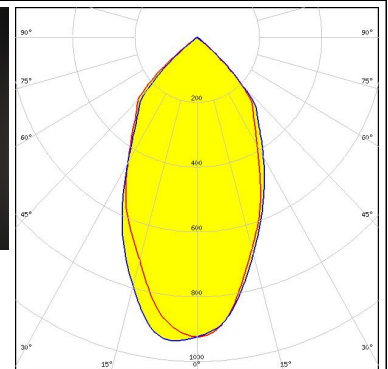
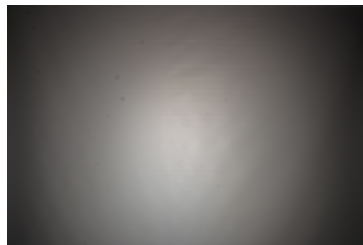
LED CDM-14 (Dim-To-Warm)
 FWHM / FWTM 55.0° / 101.0°
 Efficiency 89 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 F13671_ANGE-RZ-LENS
 Bender Wirth: 491 Typ L2



LED CDM-14 (Dim-To-Warm)
 FWHM / FWTM 53.0° / 99.0°
 Efficiency 93 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 491 Typ L2



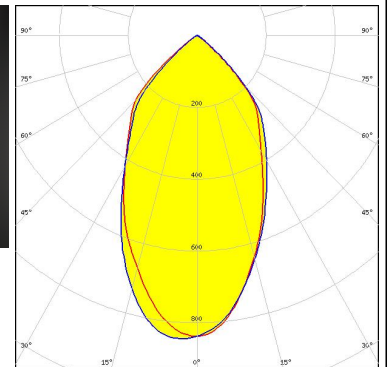
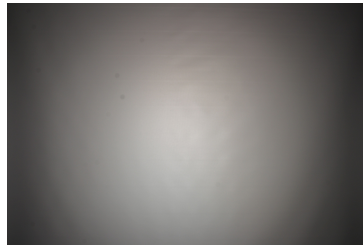
LED CDM-18 (Dim-To-Warm)
 FWHM / FWTM 56.0° / 100.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 491 Typ L2



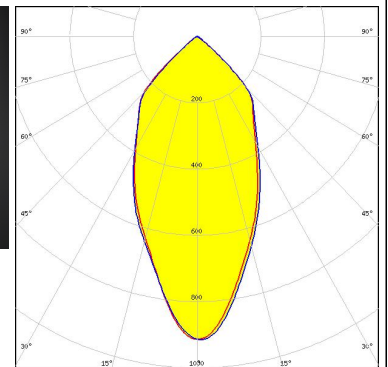
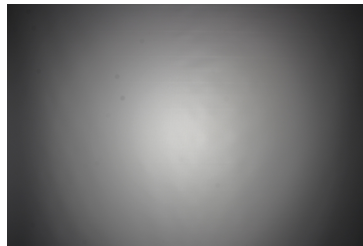
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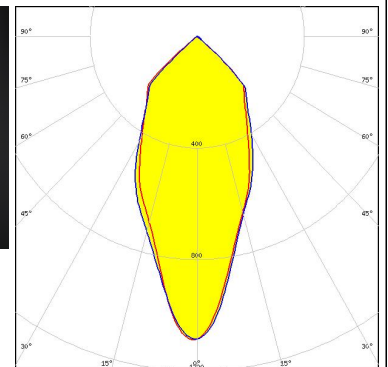
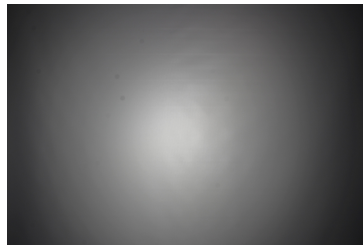
LED CDM-18 (Dim-To-Warm)
 FWHM / FWTM 58.0° / 101.0°
 Efficiency 90 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 F13671_ANGE-RZ-LENS
 Bender Wirth: 491 Typ L2



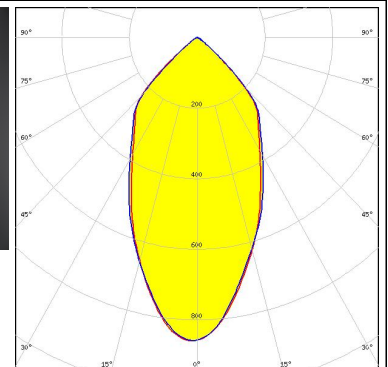
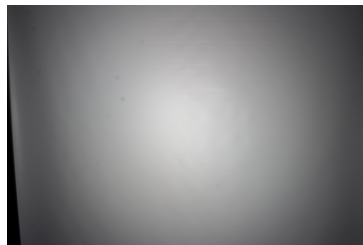
LED CDM-9 (Dim-To-Warm)
 FWHM / FWTM 51.0° / 100.0°
 Efficiency 87 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 F13671_ANGE-RZ-LENS
 Bender Wirth: 490 Typ L1



LED CDM-9 (Dim-To-Warm)
 FWHM / FWTM 46.0° / 98.0°
 Efficiency 91 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 490 Typ L1



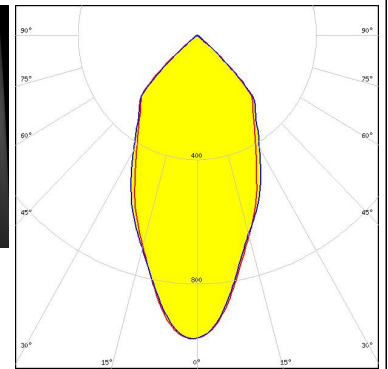
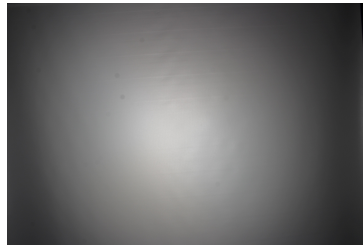
LED CTM-14 (Tunable White)
 FWHM / FWTM 54.0° / 100.0°
 Efficiency 87 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13584_CLAMP-VERO29
 F13671_ANGE-RZ-LENS
 Bender Wirth: 442 Typ L3



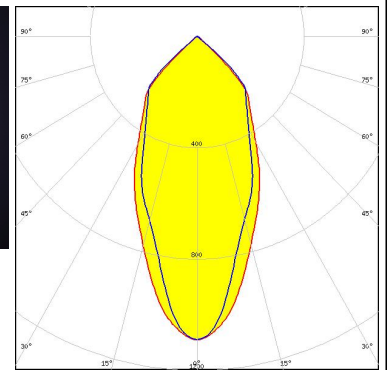
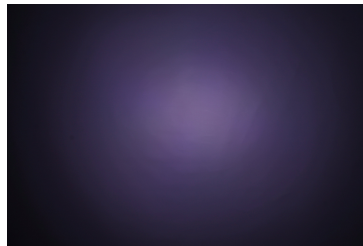
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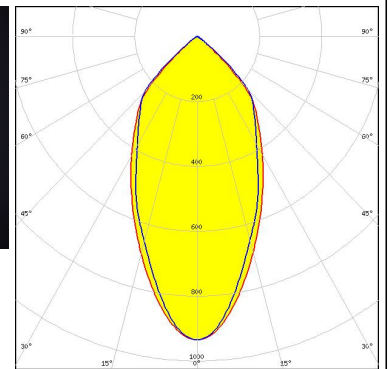
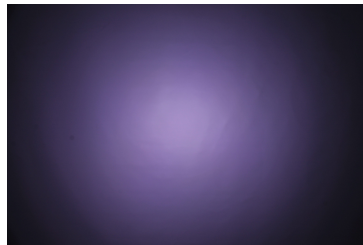
LED CTM-14 (Tunable White)
FWHM / FWTM 51.0° / 98.0°
Efficiency 91 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29
Bender Wirth: 442 Typ L3



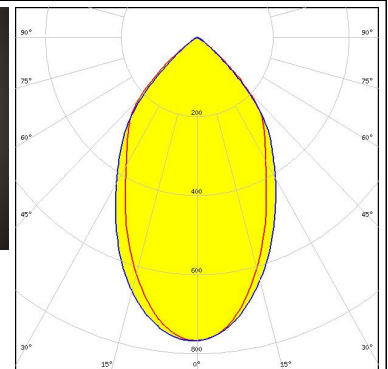
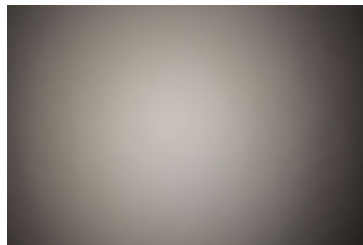
LED CTM-14 RGBW
FWHM / FWTM 48.0° / 98.0°
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour RGBW
Required components:
C13584_CLAMP-VERO29
Bender Wirth: 500 Typ L3-1



LED CTM-14 RGBW
FWHM / FWTM 52.0° / 99.0°
Efficiency 90 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour RGBW
Required components:
C13584_CLAMP-VERO29
F13671_ANGE-RZ-LENS
Bender Wirth: 500 Typ L3-1



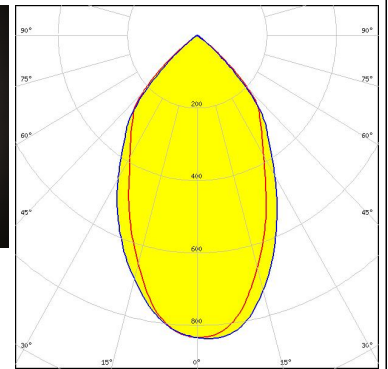
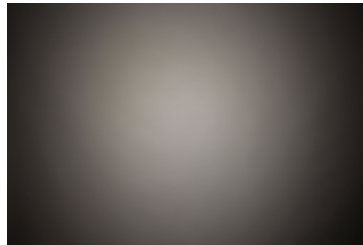
LED CTM-22 (Tunable White)
FWHM / FWTM 61.0° / 102.0°
Efficiency 86 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C13584_CLAMP-VERO29
F13671_ANGE-RZ-LENS
Bender Wirth: 494 Typ L3



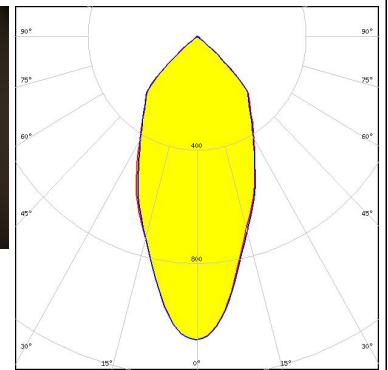
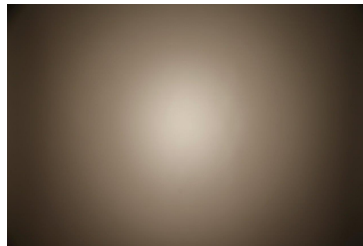
PHOTOMETRIC DATA (MEASURED):



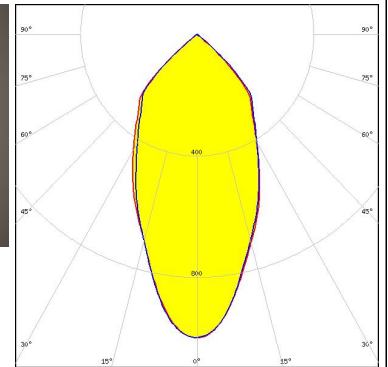
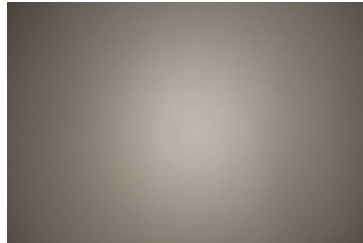
LED CTM-22 (Tunable White)
 FWHM / FWTM 60.0° / 101.0°
 Efficiency 90 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13584_CLAMP-VERO29
 Bender Wirth: 494 Typ L3



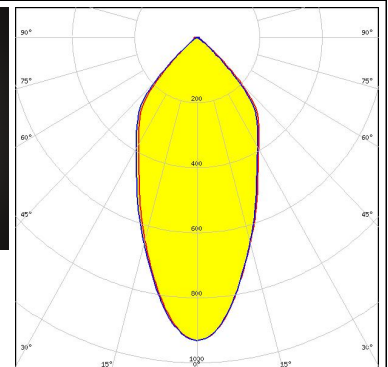
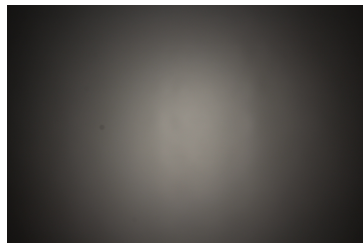
LED CxM-14 (19x19)
 FWHM / FWTM 48.0° / 98.0°
 Efficiency 93 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED COB J-Type
 FWHM / FWTM 51.0° / 99.0°
 Efficiency 93 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 463 Typ L2



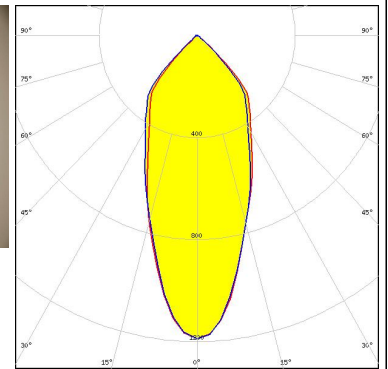
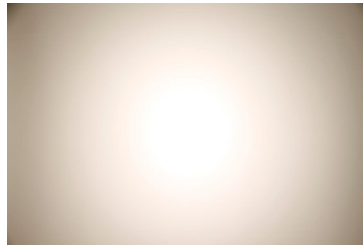
LED COB J-Type
 FWHM / FWTM 48.0° / 98.0°
 Efficiency 87 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 IDEAL: 50-2103NC + 50-2100AN



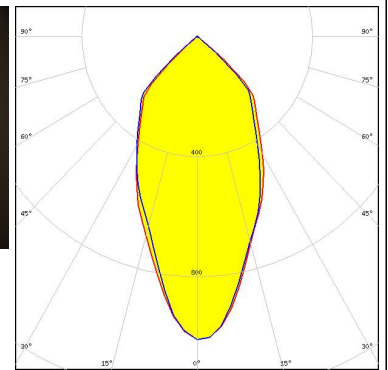
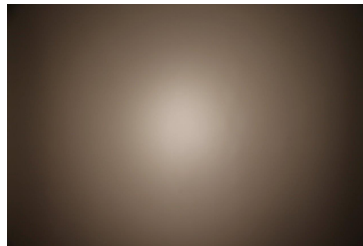
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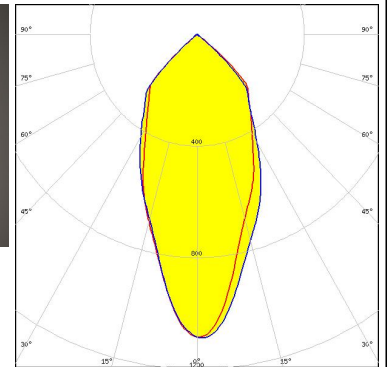
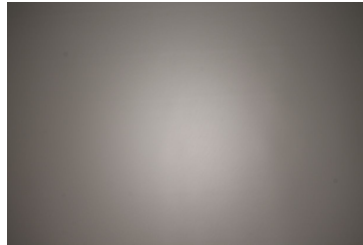
LED COB J-Type
 FWHM / FWTM 43.0° / 95.0°
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2103NC + 50-2100AN



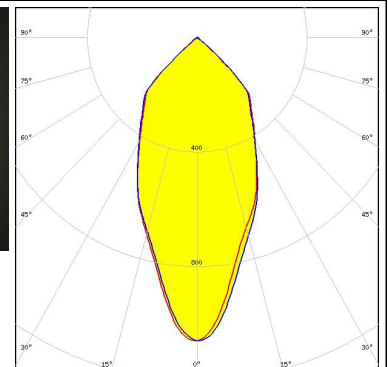
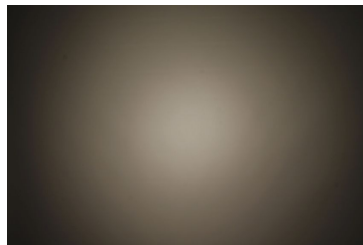
LED COB L-Type (LES 11)
 FWHM / FWTM 51.0° / 99.0°
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Molex: 180580-0005



LED COB L-Type (LES 11)
 FWHM / FWTM 47.0° / 98.0°
 Efficiency 92 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 438 Typ L1



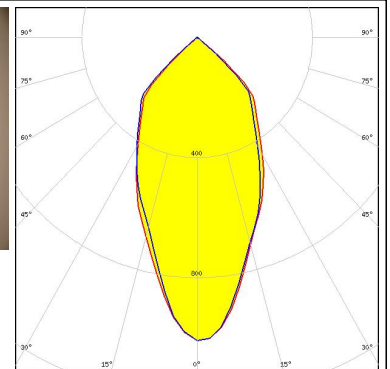
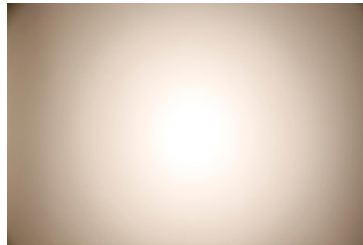
LED COB L-Type (LES 11)
 FWHM / FWTM 48.0° / 97.0°
 Efficiency 92 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



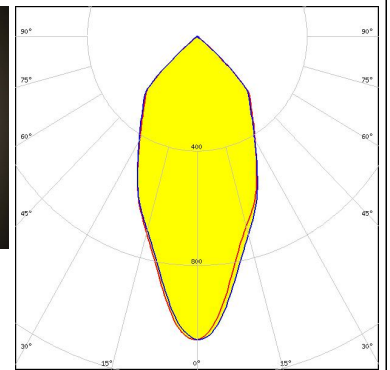
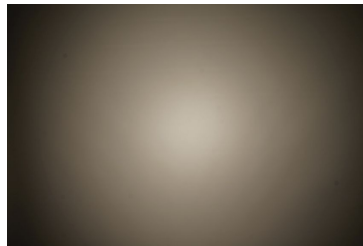
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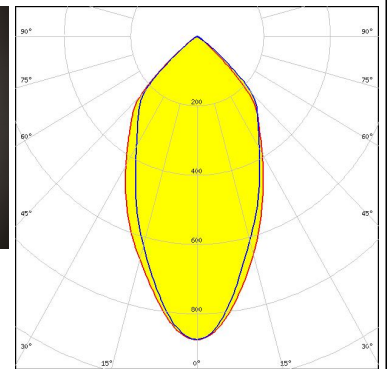
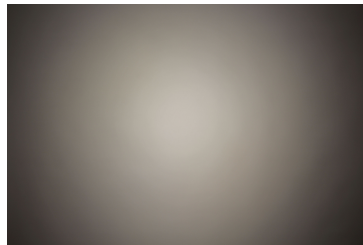
LED COB L-Type (LES 11)
 FWHM / FWTM 39.0° / 94.0°
 Efficiency 91 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2100NC + 50-2100AN



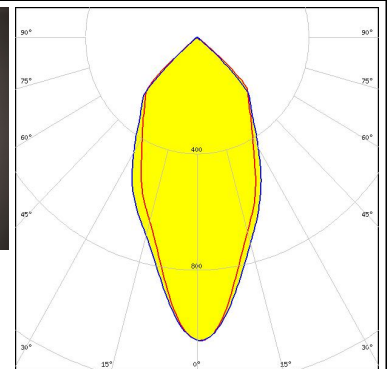
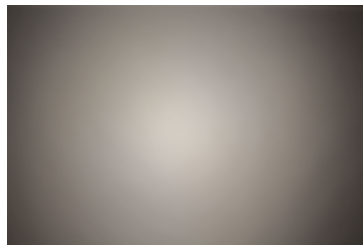
LED COB L-Type (LES 11)
 FWHM / FWTM 48.0° / 97.0°
 Efficiency 92 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1



LED NVCWJ024Z-V1MT: COB J-Type Tunable White
 FWHM / FWTM 57.0° / 102.0°
 Efficiency 87 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 F13671_ANGE-RZ-LENS
 Bender Wirth: 498 Typ L2



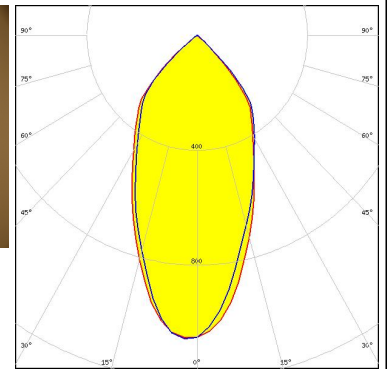
LED NVCWJ024Z-V1MT: COB J-Type Tunable White
 FWHM / FWTM 53.0° / 100.0°
 Efficiency 92 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 498 Typ L2



PHOTOMETRIC DATA (MEASURED):

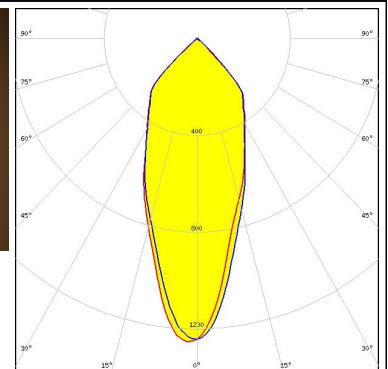
OSRAM

LED PrevaLED Core AC (LEP-2000)
 FWHM / FWTM 49.0° / 96.0°
 Efficiency 93 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



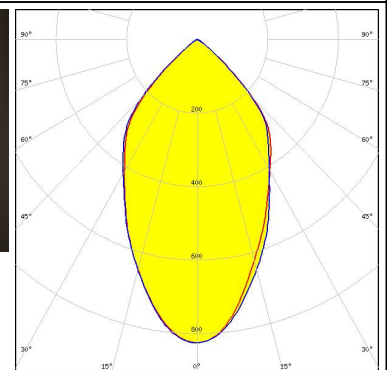
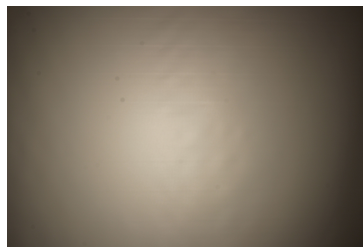
OSRAM

LED PrevaLED Core AC (LEP-800)
 FWHM / FWTM 40.0° / 94.0°
 Efficiency 93 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



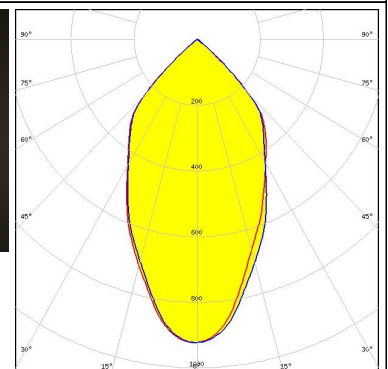
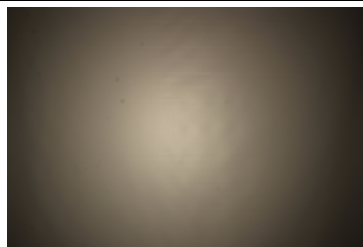
OSRAM

LED PrevaLED Core G7 L15 H1
 FWHM / FWTM 60.0° / 101.0°
 Efficiency 90 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16685_CLAMP-PRV-A
 F13671_ANGE-RZ-LENS



OSRAM

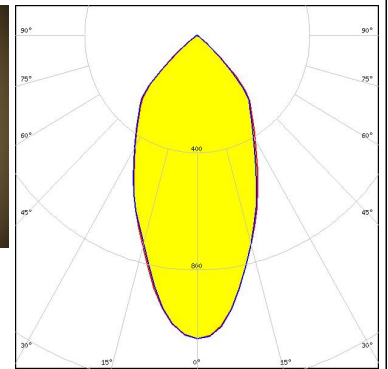
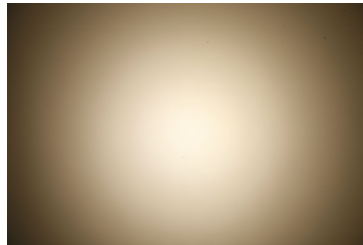
LED PrevaLED Core G7 L15 H1
 FWHM / FWTM 57.0° / 98.0°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16685_CLAMP-PRV-A



PHOTOMETRIC DATA (MEASURED):

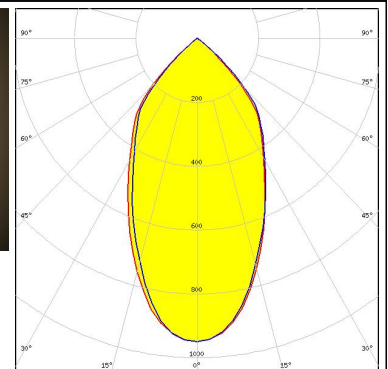
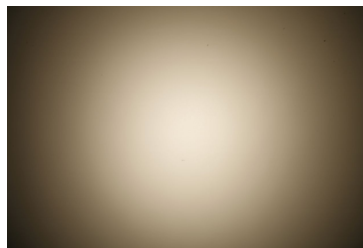
OSRAM

LED PrevaLED Core Z3 LES19
 FWHM / FWTM 50.0° / 98.0°
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



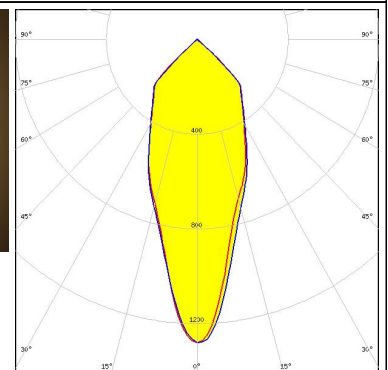
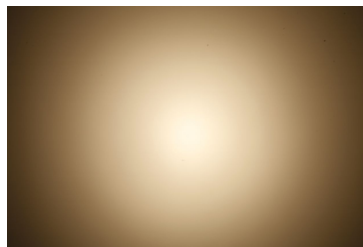
OSRAM

LED PrevaLED Core Z3 LES23
 FWHM / FWTM 55.0° / 99.0°
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



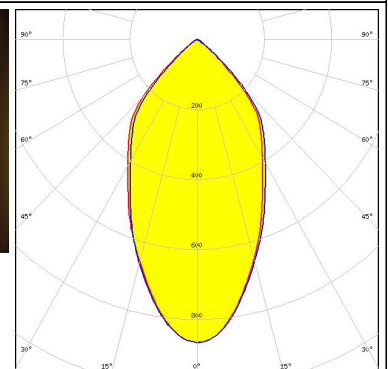
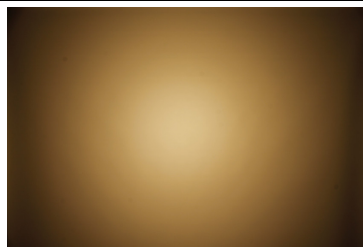
OSRAM

LED PrevaLED Core Z3 LES9
 FWHM / FWTM 38.0° / 96.0°
 Efficiency 93 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



OSRAM

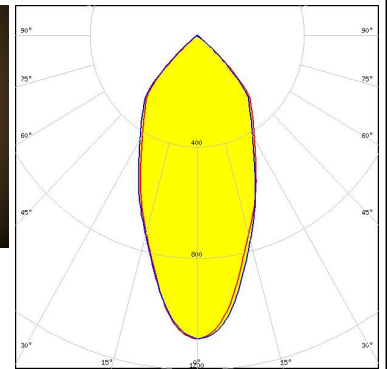
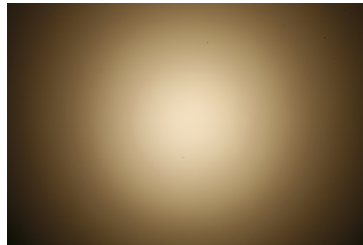
LED PrevaLED Core Z4 LES19
 FWHM / FWTM 55.0° / 100.0°
 Efficiency 88 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (MEASURED):

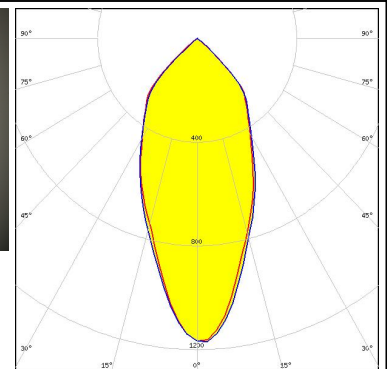
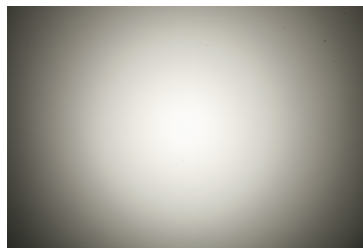
OSRAM

LED PrevaLED Core Z4 LES19
 FWHM / FWTM 47.0° / 96.0°
 Efficiency 93 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



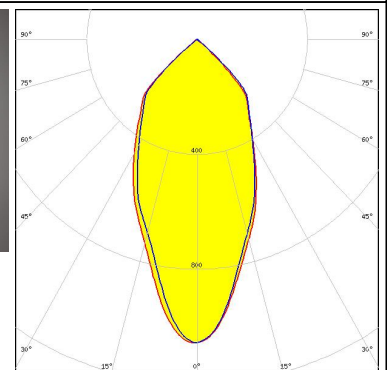
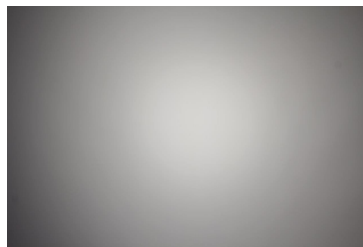
OSRAM

Opto Semiconductors
 LED Soleriq S13
 FWHM / FWTM 47.0° / 98.0°
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1



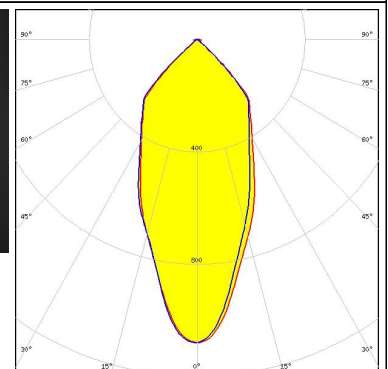
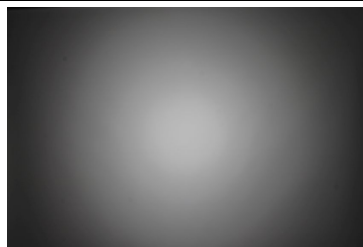
OSRAM

Opto Semiconductors
 LED Soleriq S13
 FWHM / FWTM 49.0° / 97.0°
 Efficiency 92 %
 Peak intensity 1.1 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 / FWTM 45.0° / 96.0°
 Efficiency 91 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2103CT + 50-2100AN



PHOTOMETRIC DATA (MEASURED):

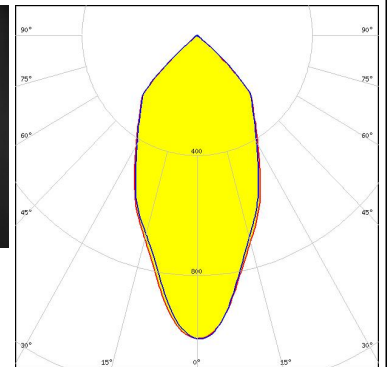
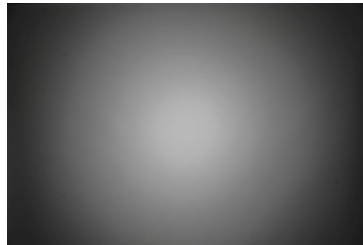
OSRAM

Opto Semiconductors

LED Soleriq S13 19x19
FWHM / FWTM 51.0° / 98.0°
Efficiency 92 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White

Required components:

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



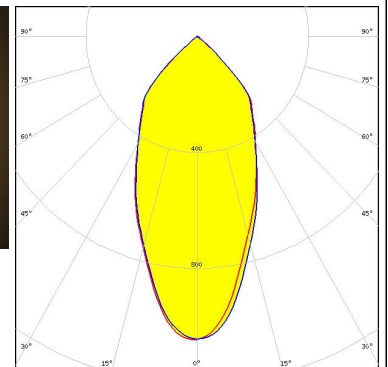
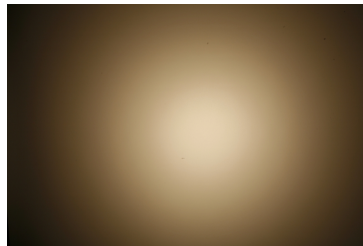
OSRAM

Opto Semiconductors

LED Soleriq S19
FWHM / FWTM 49.0° / 97.0°
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White

Required components:

TE Connectivity: 2213407-2 + OPTIC CLIP Z50 TYPE1 2213194-1



OSRAM

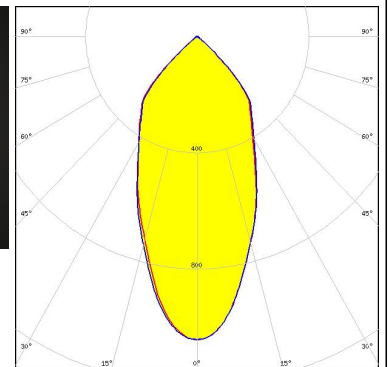
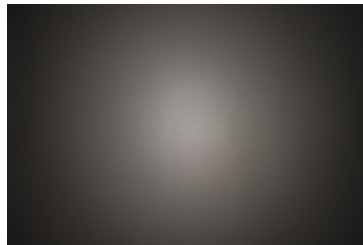
Opto Semiconductors

LED Soleriq S19
FWHM / FWTM 48.0° / 96.0°
Efficiency 91 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C13584_CLAMP-VERO29

Bender Wirth: 462 Typ L3

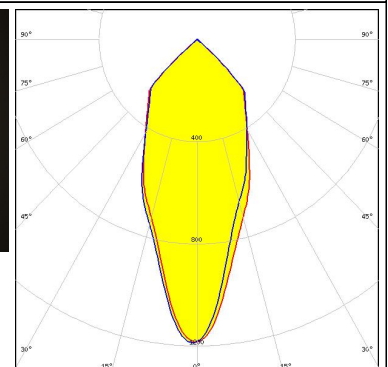
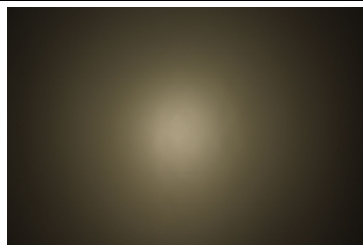


PHILIPS

LED Fortimo SLM L09 + SLM holder
FWHM / FWTM 42.0° / 96.0°
Efficiency 92 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White

Required components:

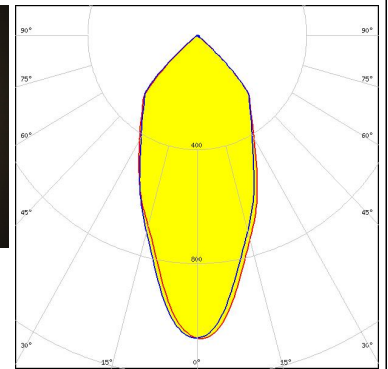
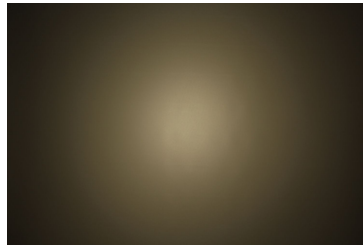
TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



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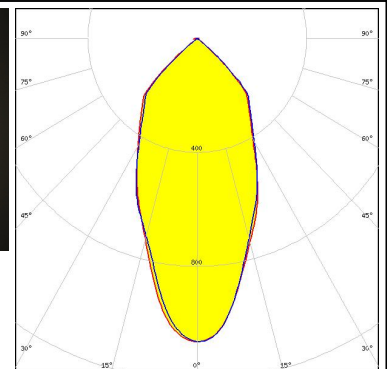
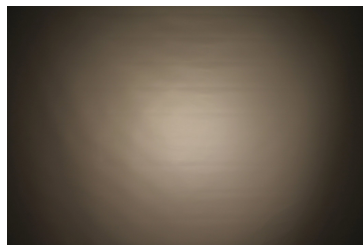
PHILIPS

LED Fortimo SLM L13 + SLM holder
 FWHM / FWTM 48.0° / 96.0°
 Efficiency 92 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



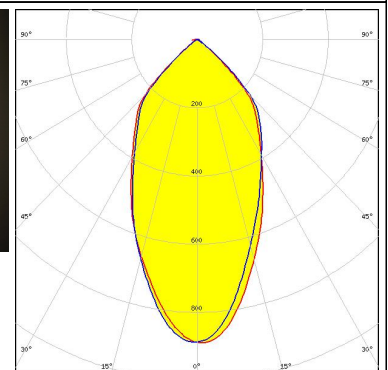
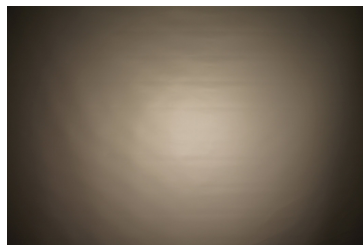
PHILIPS

LED Fortimo SLM L13 CoB
 FWHM / FWTM 49.0° / 98.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



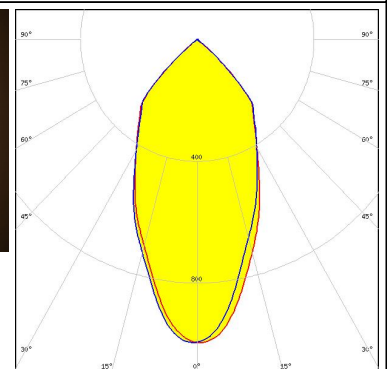
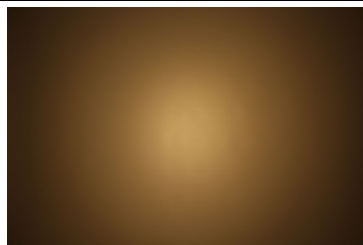
PHILIPS

LED Fortimo SLM L13 CoB
 FWHM / FWTM 54.0° / 100.0°
 Efficiency 88 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 TE Connectivity: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



PHILIPS

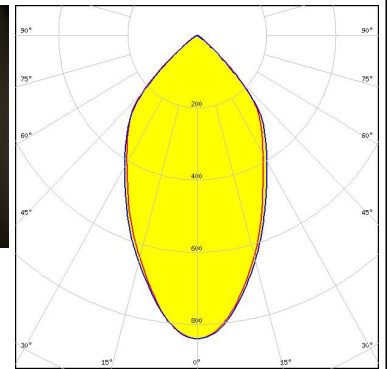
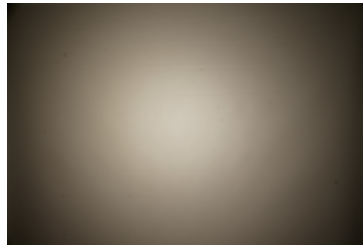
LED Fortimo SLM L15 + SLM holder
 FWHM / FWTM 51.0° / 97.0°
 Efficiency 90 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (MEASURED):

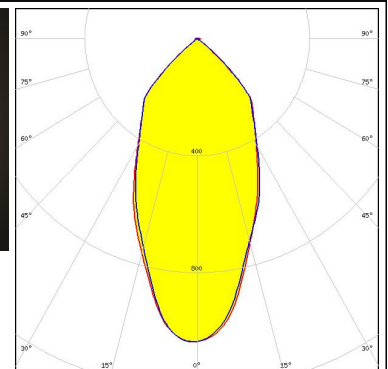
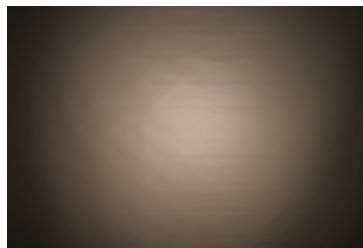
PHILIPS

LED Fortimo SLM L15 + SLM holder
 FWHM / FWTM 57.0° / 100.0°
 Efficiency 87 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



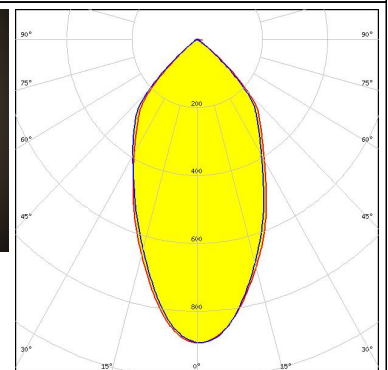
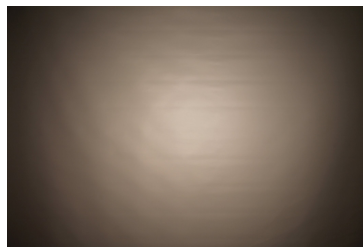
PHILIPS

LED Fortimo SLM L15 CoB
 FWHM / FWTM 50.0° / 98.0°
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



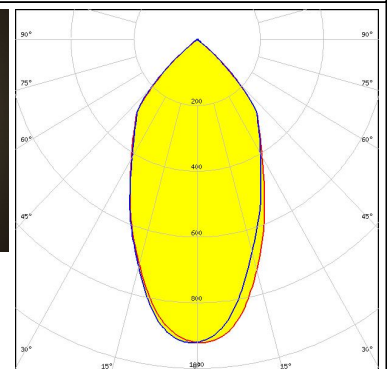
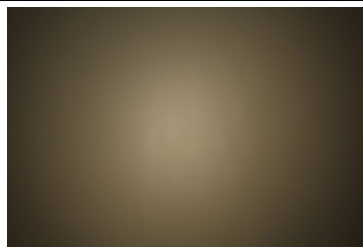
PHILIPS

LED Fortimo SLM L15 CoB
 FWHM / FWTM 53.0° / 100.0°
 Efficiency 89 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 TE Connectivity: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



PHILIPS

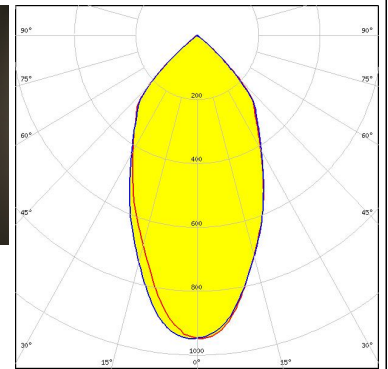
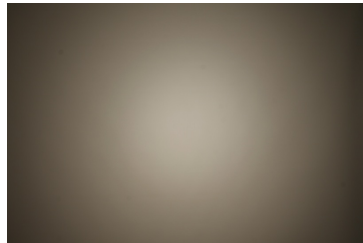
LED Fortimo SLM L19 + SLM holder
 FWHM / FWTM 54.0° / 98.0°
 Efficiency 89 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



PHOTOMETRIC DATA (MEASURED):

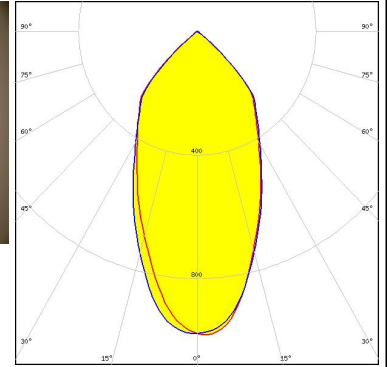
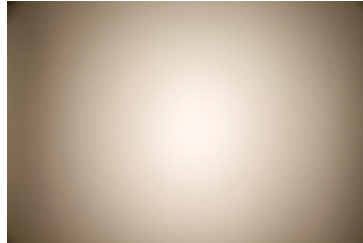
SAMSUNG

LED LC026B / 033B / 040B
 FWHM / FWTM 54.0° / 99.0°
 Efficiency 92 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 450 Typ L2



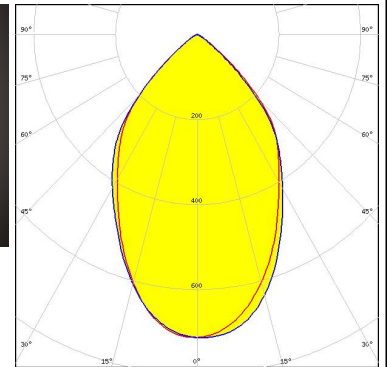
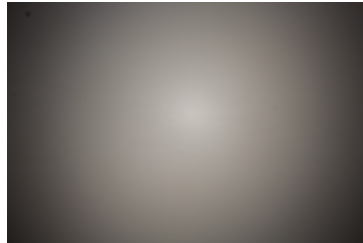
SAMSUNG

LED LC026B / 033B / 040B
 FWHM / FWTM 51.0° / 98.0°
 Efficiency 92 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213258-2 + OPTIC CLIP Z50 TYPE1 2213194-1



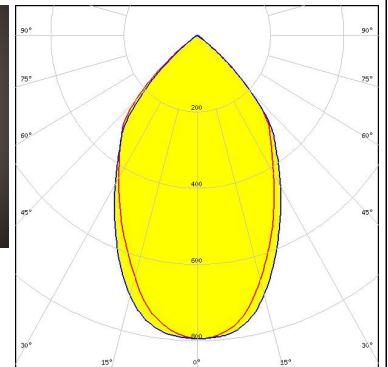
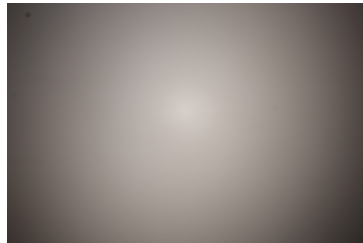
SAMSUNG

LED LC035T (Tunable white)
 FWHM / FWTM 69.0° / 105.0°
 Efficiency 88 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C13584_CLAMP-VERO29
 F13671_ANGE-RZ-LENS
 Bender Wirth: 502 Typ L3



SAMSUNG

LED LC035T (Tunable white)
 FWHM / FWTM 66.0° / 102.0°
 Efficiency 93 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C13584_CLAMP-VERO29
 Bender Wirth: 502 Typ L3



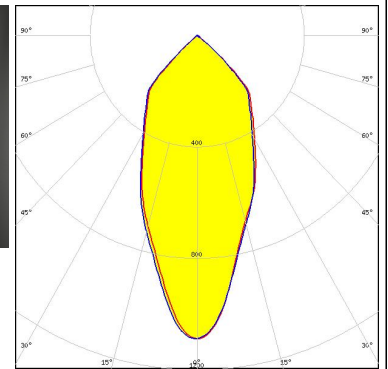
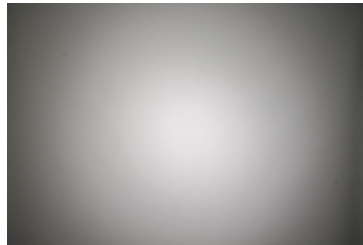
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LC040C
FWHM / FWTM 46.0° / 96.0°
Efficiency 90 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White

Required components:

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



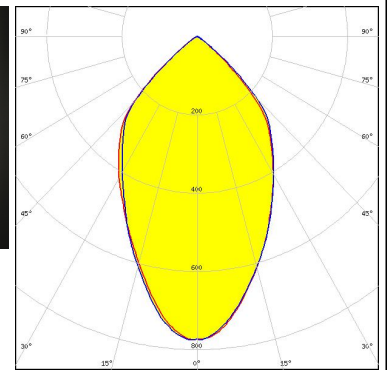
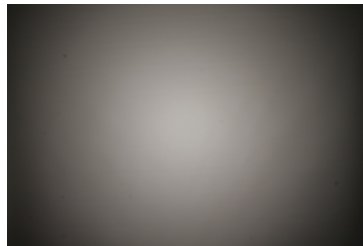
SEOUL SEMICONDUCTOR

LED AC Zhaga COB
FWHM / FWTM 64.0° / 103.0°
Efficiency 89 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White

Required components:

F13671_ANGE-RZ-LENS

Optosource: SEHSMJD-A

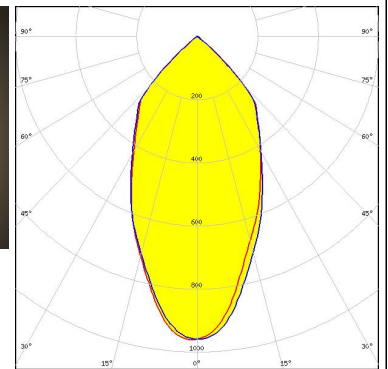


SEOUL SEMICONDUCTOR

LED MJT COB LES 14.5
FWHM / FWTM 54.0° / 98.0°
Efficiency 92 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White

Required components:

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



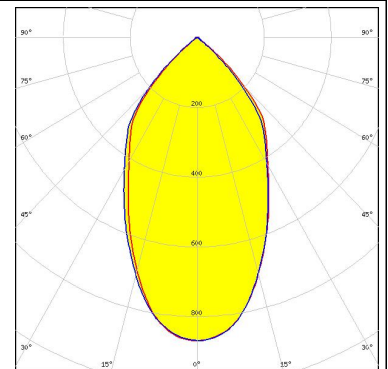
SEOUL SEMICONDUCTOR

LED MJT COB LES 22
FWHM / FWTM 58.0° / 99.0°
Efficiency 90 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C13584_CLAMP-VERO29

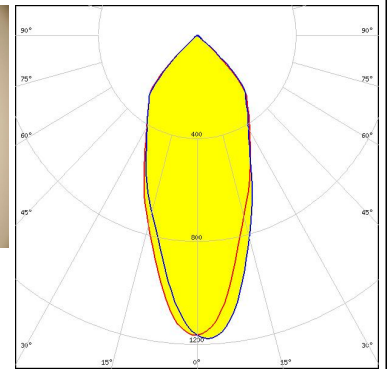
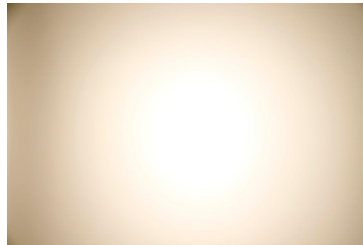
Bender Wirth: 431 Typ L3



PHOTOMETRIC DATA (MEASURED):

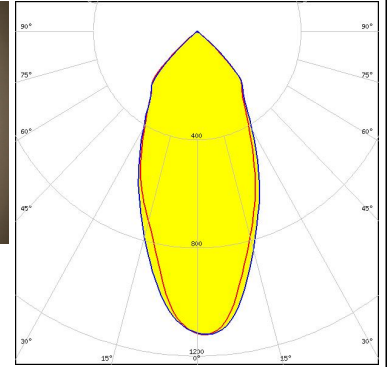
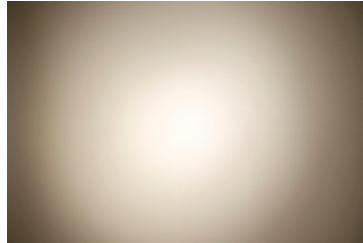
SHARP

LED Mega Zenigata (GW6DME)
 FWHM / FWTM 43.0° / 95.0°
 Efficiency 93 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2100SH + 50-2100AN



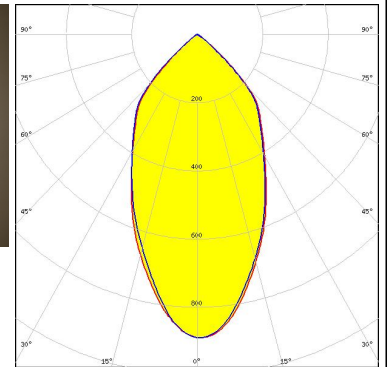
SHARP

LED Mega Zenigata (GW6DME)
 FWHM / FWTM 47.0° / 96.0°
 Efficiency 92 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



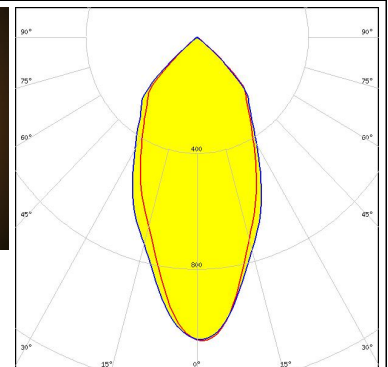
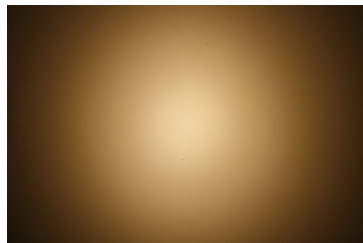
SHARP

LED Mega Zenigata (GW6DME)
 FWHM / FWTM 55.0° / 99.0°
 Efficiency 89 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 TE Connectivity: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1



VS LIGHTING SOLUTIONS

LED WU-M-461
 FWHM / FWTM 50.0° / 98.0°
 Efficiency 93 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



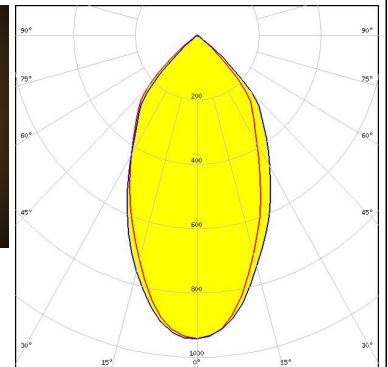
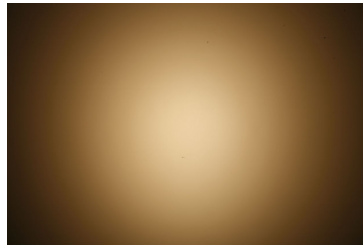
PHOTOMETRIC DATA (MEASURED):



LED WU-M-462
FWHM / FWTM 55.0° / 99.0°
Efficiency 93 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White

Required components:

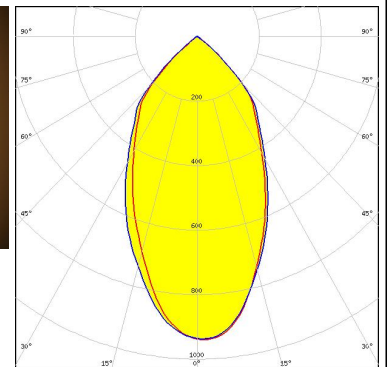
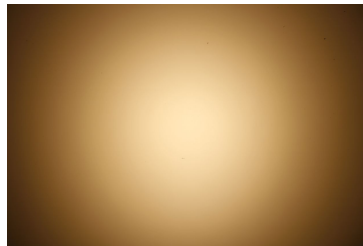
TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



LED WU-M-464
FWHM / FWTM 55.0° / 99.0°
Efficiency 93 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White

Required components:

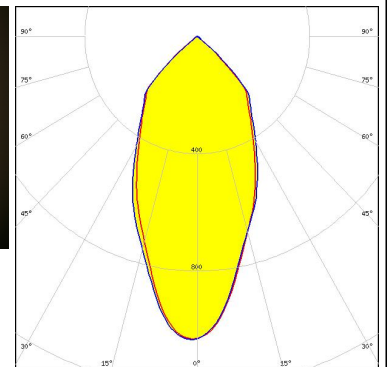
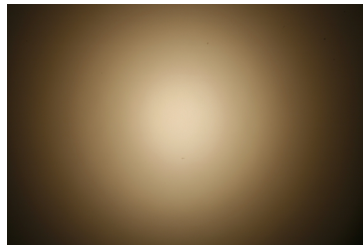
TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



LED WU-M-484
FWHM / FWTM 51.0° / 98.0°
Efficiency 93 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White

Required components:

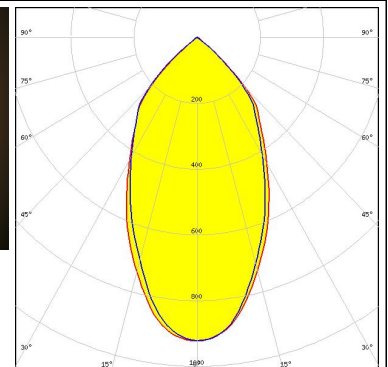
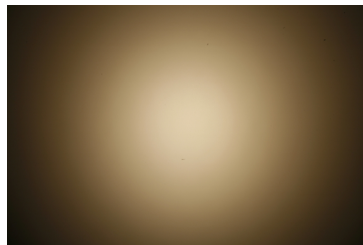
TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



LED WU-M-485
FWHM / FWTM 57.0° / 100.0°
Efficiency 93 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White

Required components:

TE Connectivity: OPTIC CLIP Z50 TYPE1 2213194-1



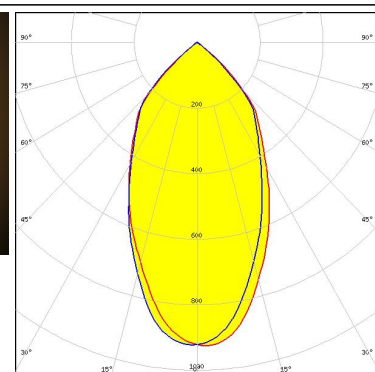
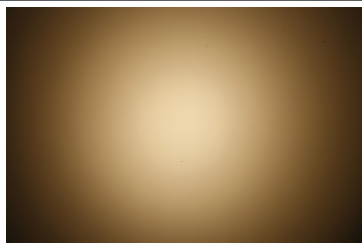
PHOTOMETRIC DATA (MEASURED):



LED WU-M-486
FWHM / FWTM 56.0° / 100.0°
Efficiency 93 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White

Required components:

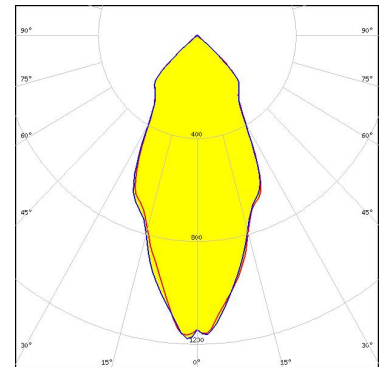
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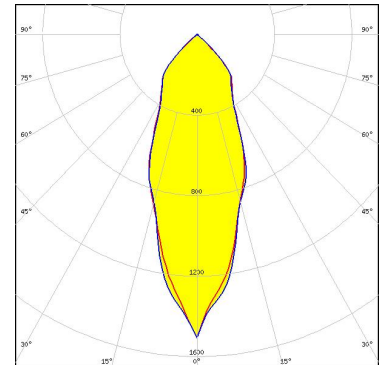
PHOTOMETRIC DATA (SIMULATED):



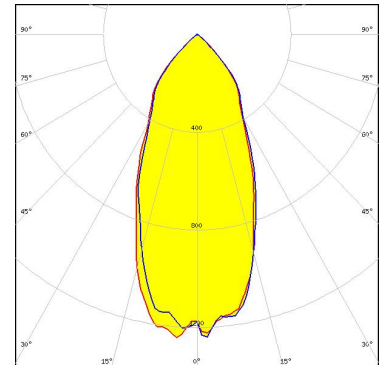
LED V10 Gen7
 FWHM / FWTM 50.0° / 97.0°
 Efficiency 93 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 486 Typ L1



LED V13 Gen7
 FWHM / FWTM 38.0° / 90.0°
 Efficiency 93 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2103CT + 50-2100AN



LED V22 Gen7
 FWHM / FWTM 43.0° / 92.0°
 Efficiency 94 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 IDEAL: 50-2204-CT + 50-2100AN



LED CxM-14 (19x19)
 FWHM / FWTM 52.0° / 98.0°
 Efficiency 92 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C13658_CLAMP-VERO13-18
 Bender Wirth: 433 Typ L1

PHOTOMETRIC DATA (SIMULATED):

	
LED	CxM-9 (13.5x13.5)
FWHM / FWTM	45.0° / 98.0°
Efficiency	93 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C13658_CLAMP-VERO13-18	
Bender Wirth: 434 Typ L1	

	
LED	ZC12/18
FWHM / FWTM	52.0° / 98.0°
Efficiency	92 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C13658_CLAMP-VERO13-18	
Bender Wirth: 433 Typ L1	

	
LED	ZC4/6
FWHM / FWTM	45.0° / 98.0°
Efficiency	93 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
C13658_CLAMP-VERO13-18	
Bender Wirth: 434 Typ L1	

GENERAL INFORMATION:

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

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

MATERIALS:

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

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