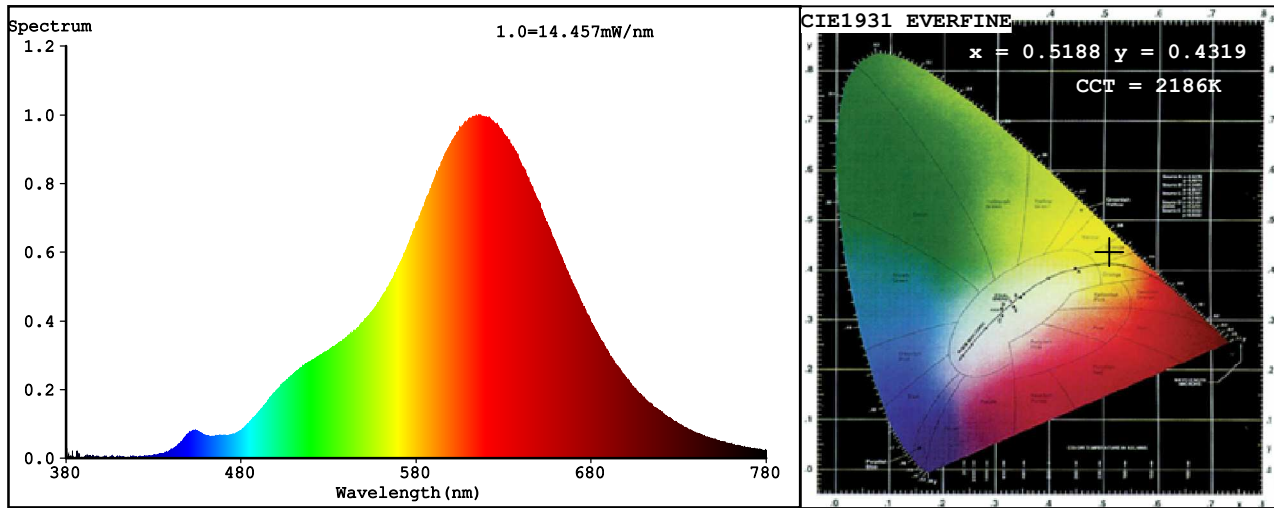


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5188$ $y=0.4319$ / $u'=0.2904$ $v'=0.5440$
 CCT=2186K (Duv=0.0052) Dominant WL: $L_d = 585.9\text{nm}$ Purity=85.4%
 Ratio: R=30.8% G=67.9% B=1.4% Peak WL: $L_p = 615.8\text{nm}$ FWHM=106.5nm
 Render Index: Ra=84.3 TM30: Rf=80 Rg=84
 R1 =83 R2 =92 R3 =95 R4 =83 R5 =83 R6 =95 R7 =83
 R8 =60 R9 =17 R10=85 R11=84 R12=84 R13=85 R14=98 R15=73

Photo Parameters:

Flux = 555.4 lm Eff. : 38.55 lm/W Fe = 1.858 W

Electrical parameters:

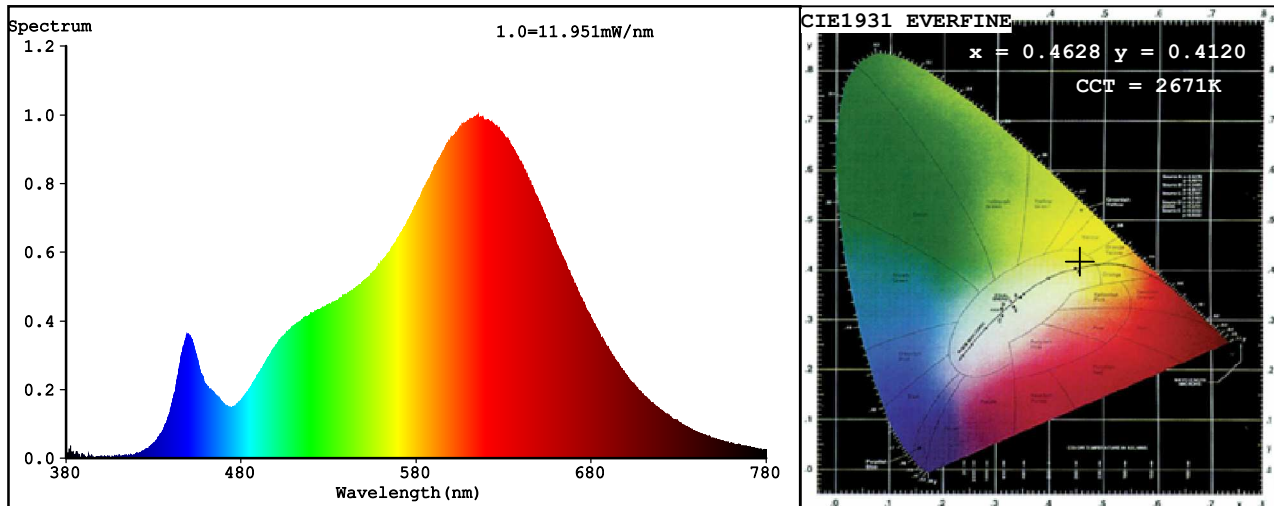
V = 12.041 V I = 1.638 A P = 14.41 W PF = 0.7303
 LEVEL:OUT WHITE:OUT

Status: Integral T = 341 ms Ip = 53897 (82%)

Model: BL3-RGBCW2250G
 Tester:
 Temperature: 25.3Deg
 Manufacturer:

Number: K22M-BL3-RGBCW2250G-AT13-D60 (22K)
 Date: 2023-03-04
 Humidity: 65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4628$ $y=0.4120$ / $u'=0.2637$ $v'=0.5283$
 CCT=2671K(Duv=0.0003) Dominant WL:Ld =584.3nm Purity=62.6%
 Ratio:R=26.5% G=71.0% B=2.5% Peak WL:Lp=615.3nm FWHM=126.0nm
 Render Index:Ra=90.6 TM30:Rf=90 Rg=98
 R1 =91 R2 =97 R3 =96 R4 =92 R5 =92 R6 =97 R7 =87
 R8 =72 R9 =41 R10=93 R11=95 R12=89 R13=93 R14=99 R15=84

Photo Parameters:

Flux = 532.2 lm Eff. : 43.09 lm/W Fe = 1.781 W

Electrical parameters:

V = 12.063 V I = 1.403 A P = 12.35 W PF = 0.7299

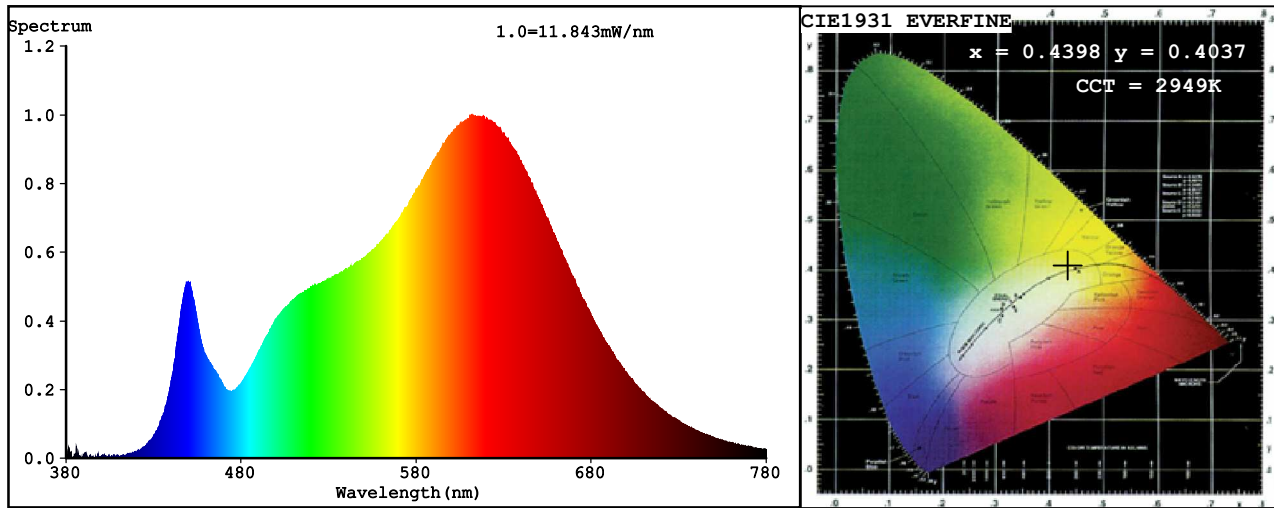
LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 341 ms Ip = 44661 (68%)

Model:BL3-RGBCW2250G
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:K22M-BL3-RGBCW2250G-AT13-D60 (27K)
 Date:2023-03-04
 Humidity:65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4398$ $y=0.4037$ / $u'=0.2526$ $v'=0.5217$
 CCT=2949K (Duv=-0.0005) Dominant WL:Ld =583.2nm Purity=53.2%
 Ratio:R=24.7% G=72.4% B=2.9% Peak WL:Lp=611.7nm FWHM=150.8nm
 Render Index:Ra=92.4 TM30:Rf=91 Rg=99
 R1 =93 R2 =97 R3 =98 R4 =94 R5 =94 R6 =97 R7 =90
 R8 =77 R9 =50 R10=94 R11=96 R12=88 R13=94 R14=99 R15=87

Photo Parameters:

Flux = 570.4 lm Eff. : 44.74 lm/W Fe = 1.909 W

Electrical parameters:

V = 12.058 V I = 1.448 A P = 12.75 W PF = 0.7303

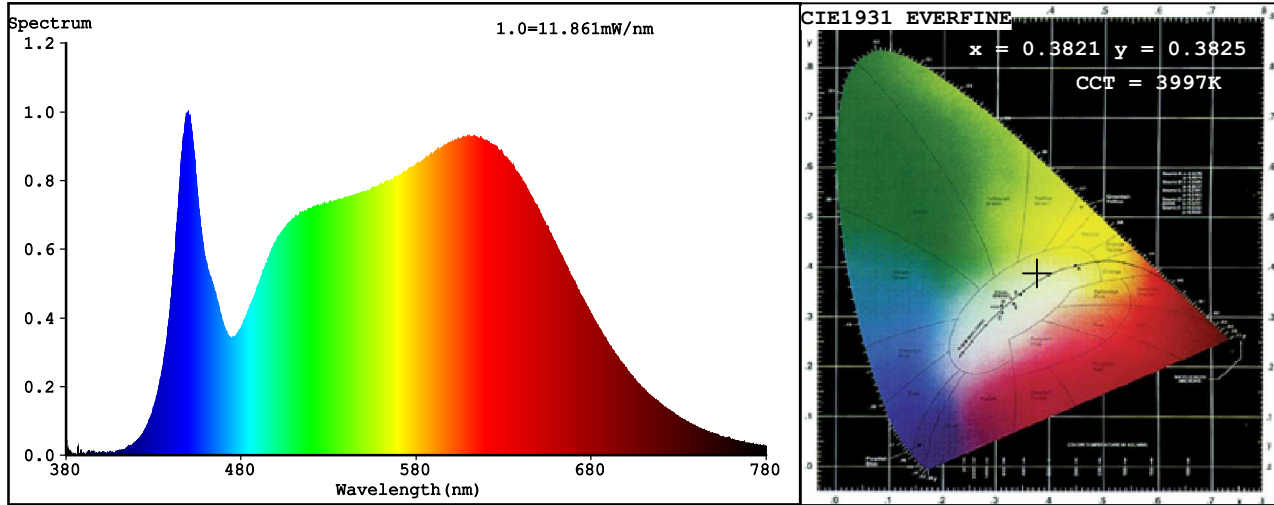
LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 341 ms Ip = 44550 (68%)

Model:BL3-RGBCW2250G
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:K22M-BL3-RGBCW2250G-AT13-D60 (30K)
 Date:2023-03-04
 Humidity:65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3821$ $y=0.3825$ / $u'=0.2239$ $v'=0.5043$
 CCT=3997K(Duv=0.0022) Dominant WL:Ld =578.0nm Purity=29.5%
 Ratio:R=19.7% G=76.0% B=4.3% Peak WL:Lp=449.7nm FWHM=22.9nm
 Render Index:Ra=93.9 TM30:Rf=92 Rg=98
 R1 =94 R2 =96 R3 =98 R4 =95 R5 =94 R6 =95 R7 =95
 R8 =85 R9 =62 R10=91 R11=96 R12=78 R13=95 R14=99 R15=90

Photo Parameters:

Flux = 671.6 lm Eff. : 50.18 lm/W Fe = 2.250 W

Electrical parameters:

V = 12.053 V I = 1.519 A P = 13.38 W PF = 0.7313

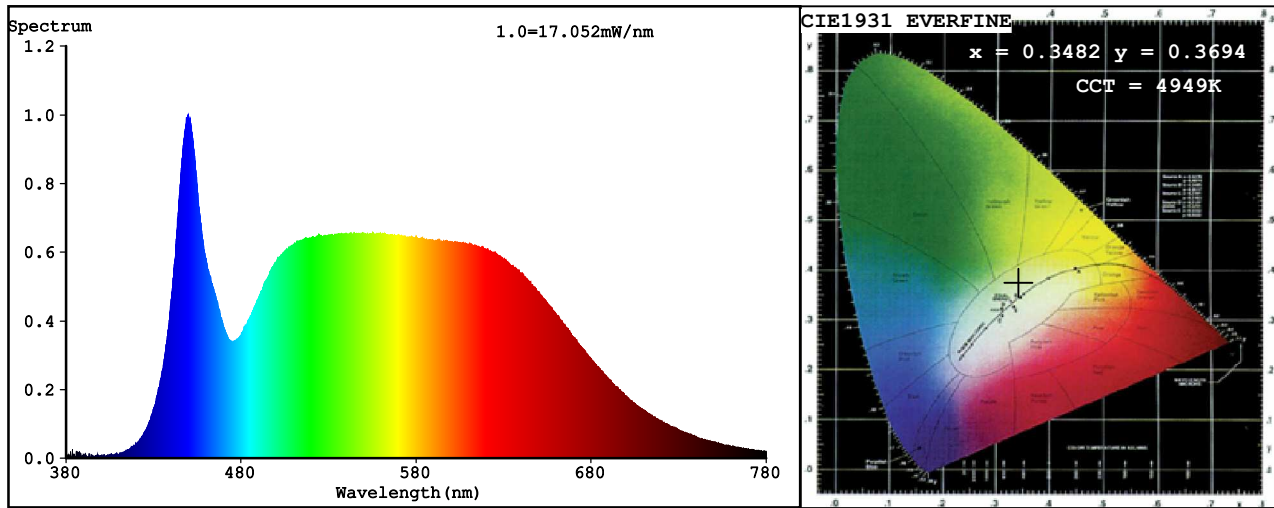
LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 341 ms Ip = 42225 (64%)

Model:BL3-RGBCW2250G
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:K22M-BL3-RGBCW2250G-AT13-D60 (40K)
 Date:2023-03-04
 Humidity:65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3482$ $y=0.3694$ / $u'=0.2067$ $v'=0.4935$
 CCT=4949K (Duv=0.0075) Dominant WL: $L_d = 568.0\text{nm}$ Purity=15.3%
 Ratio: R=16.6% G=78.3% B=5.1% Peak WL: $L_p = 449.7\text{nm}$ FWHM=23.1nm
 Render Index: Ra=91.3 TM30: Rf=91 Rg=97
 R1 =90 R2 =93 R3 =97 R4 =91 R5 =89 R6 =91 R7 =95
 R8 =84 R9 =55 R10=85 R11=91 R12=69 R13=90 R14=99 R15=86

Photo Parameters:

Flux = 772.5 lm Eff. : 53.69 lm/W Fe = 2.595 W

Electrical parameters:

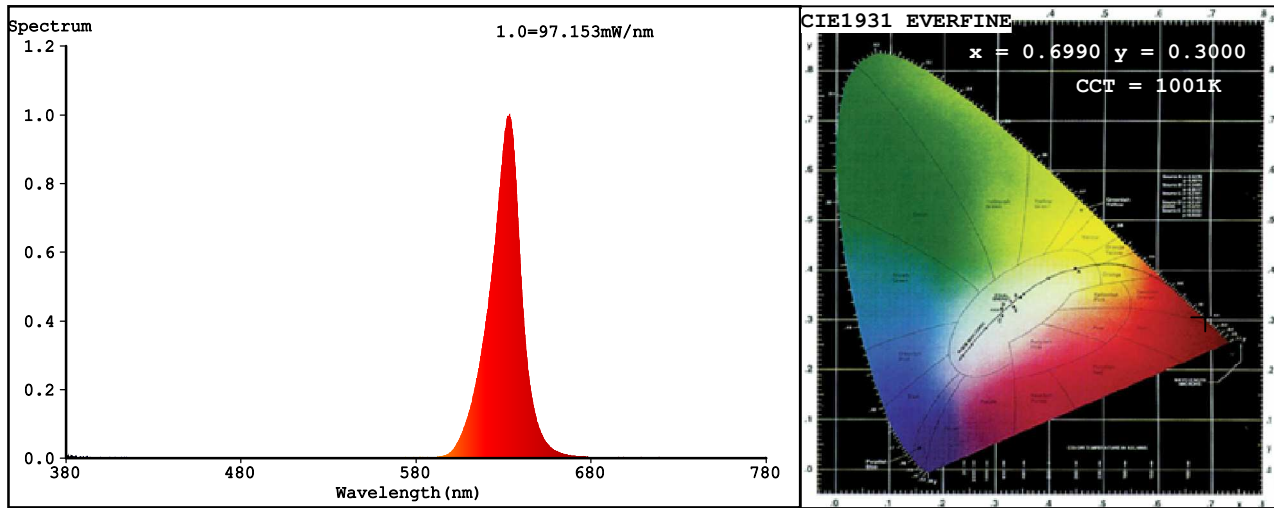
V = 12.042 V I = 1.635 A P = 14.39 W PF = 0.7309
 LEVEL:OUT WHITE:ANSI_5000K

Status: Integral T = 341 ms Ip = 47450 (72%)

Model: BL3-RGBCW2250G
 Tester:
 Temperature: 25.3Deg
 Manufacturer:

Number: K22M-BL3-RGBCW2250G-AT13-D60 (50K)
 Date: 2023-03-04
 Humidity: 65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6990$ $y=0.3000$ / $u'=0.5375$ $v'=0.5190$
 CCT=1001K(Duv=-0.0900) Dominant WL:Ld =624.6nm Purity=99.7%
 Ratio:R=98.9% G=1.0% B=0.0% Peak WL:Lp=633.3nm FWHM=17.7nm
 Render Index:Ra=8.6 TM30:Rf=16 Rg=-1
 R1 =2 R2 =78 R3 =25 R4 =-34 R5 =-4 R6 =91 R7 =-3
 R8 =-86 R9 =-253 R10=73 R11=-18 R12=79 R13=28 R14=56 R15=-45

Photo Parameters:

Flux = 379.2 lm Eff. : 26.22 lm/W Fe = 2.042 W

Electrical parameters:

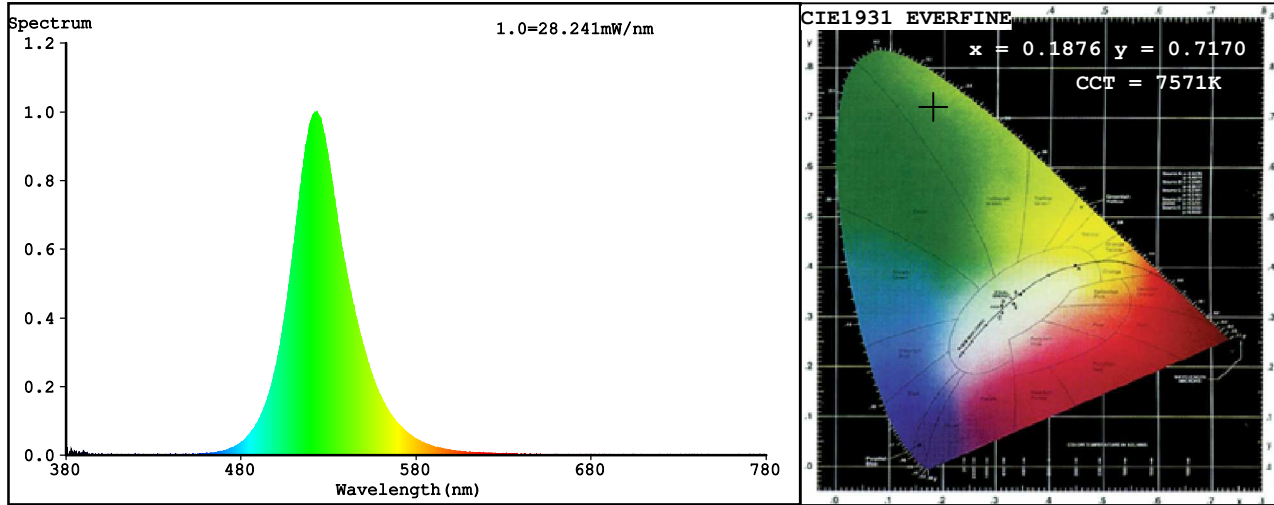
V = 12.041 V I = 1.643 A P = 14.46 W PF = 0.7308
 LEVEL:OUT WHITE:OUT

Status: Integral T = 58 ms Ip = 56216 (86%)

Model:BL3-RGBCW2250G
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:K22M-BL3-RGBCW2250G-AT13-D60-R
 Date:2023-03-04
 Humidity:65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1876$ $y=0.7170$ / $u'=0.0668$ $v'=0.5747$
 CCT=7571K (Duv=0.1516) Dominant WL: $\lambda_d = 529.9\text{nm}$ Purity=81.1%
 Ratio: R=0.4% G=97.7% B=1.9% Peak WL: $\lambda_p = 523.2\text{nm}$ FWHM=34.1nm
 Render Index: Ra=-20.2 TM30: Rf=1 Rg=9
 R1 --33 R2 --4 R3 --12 R4 --60 R5 --8 R6 --10 R7 --2
 R8 --31 R9 --356 R10--95 R11--89 R12--25 R13--37 R14=44 R15--33

Photo Parameters:

Flux = 579.0 lm Eff. : 42.79 lm/W $P_e = 1.154$ W

Electrical parameters:

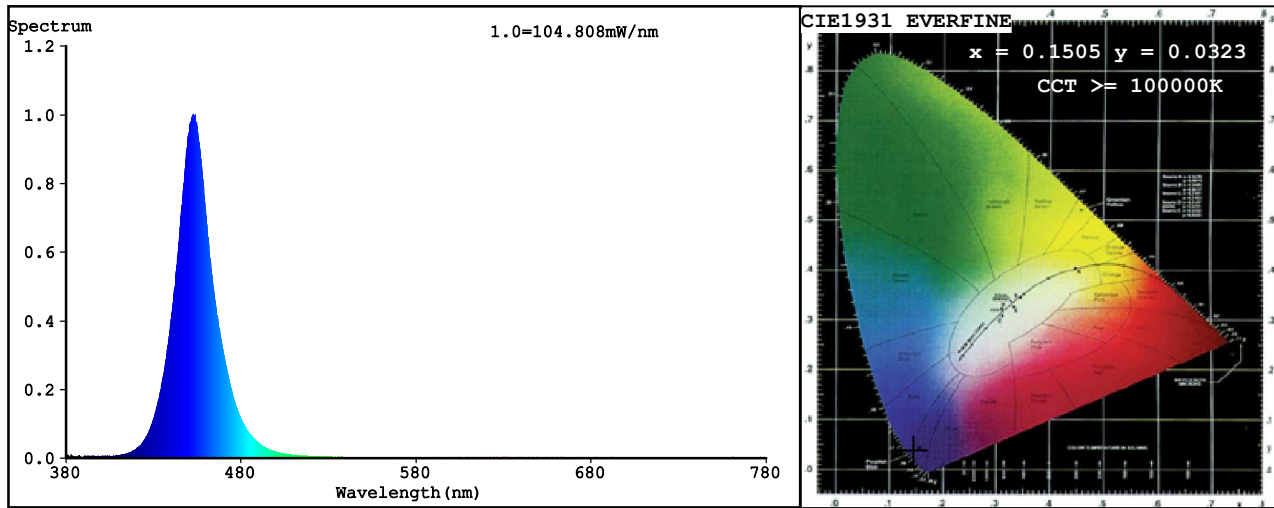
V = 12.053 V I = 1.543 A P = 13.53 W PF = 0.7277
 LEVEL:OUT WHITE:OUT

Status: Integral T = 159 ms $I_p = 54026$ (82%)

Model: BL3-RGBCW2250G
 Tester:
 Temperature: 25.3Deg
 Manufacturer:

Number: K22M-BL3-RGBCW2250G-AT13-D60-G
 Date: 2023-03-04
 Humidity: 65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1505$ $y=0.0323$ / $u'=0.1950$ $v'=0.0942$
 CCT=100000K (Duv=-0.2036) Dominant WL:Ld =457.9nm Purity=98.1%
 Ratio:R=1.1% G=12.7% B=86.3% Peak WL:Lp=452.6nm FWHM=22.0nm
 Render Index:Ra=-55.3 TM30:Rf=-1 Rg=-1
 R1 =-6 R2 =-46 R3 =-154 R4 =-95 R5 =8 R6 =-54 R7 =-55
 R8 =-41 R9 =-248 R10=-230 R11=-122 R12=-119 R13=-25 R14=-35 R15=10

Photo Parameters:

Flux = 118.5 lm Eff. : 8.18 lm/W Fe = 2.822 W

Electrical parameters:

V = 12.041 V I = 1.645 A P = 14.48 W PF = 0.7315
 LEVEL:OUT WHITE:OUT

Status: Integral T = 60 ms Ip = 50657 (77%)

Model:BL3-RGBCW2250G
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:K22M-BL3-RGBCW2250G-AT13-D60-B
 Date:2023-03-04
 Humidity:65.0%
 Remarks: