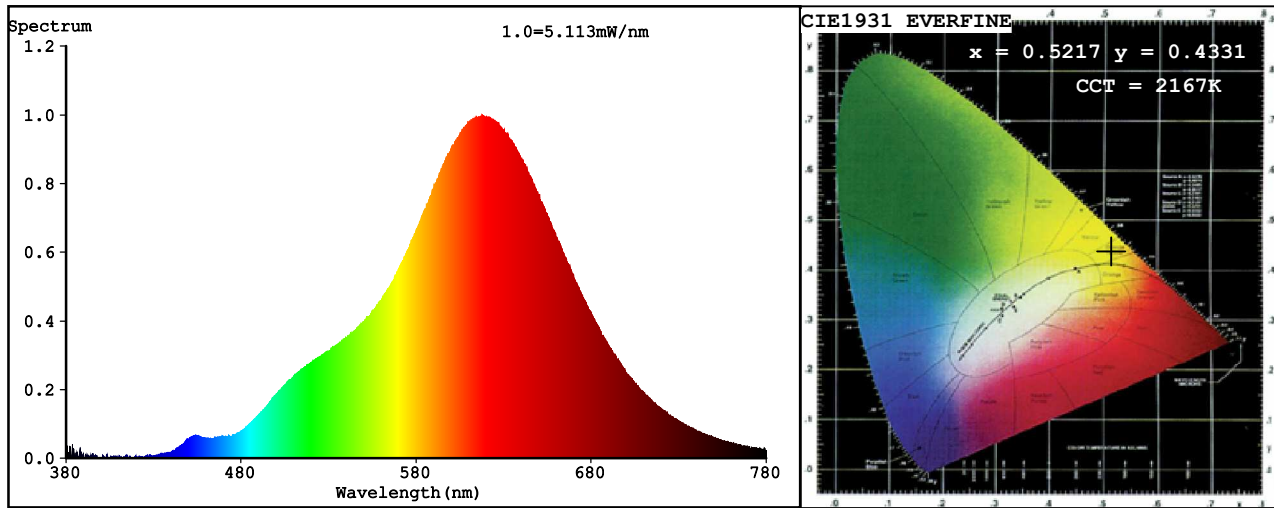


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.5217$   $y=0.4331$  /  $u'=0.2917$   $v'=0.5449$   
 CCT=2167K (Duv=0.0056) Dominant WL:  $\lambda_d = 586.0\text{nm}$  Purity=86.7%  
 Ratio: R=31.1% G=67.6% B=1.3% Peak WL:  $\lambda_p = 617.7\text{nm}$  FWHM=108.0nm  
 Render Index: Ra=85.2 TM30: Rf=79 Rg=82  
 R1 =84 R2 =92 R3 =96 R4 =84 R5 =84 R6 =95 R7 =84  
 R8 =62 R9 =22 R10=84 R11=85 R12=83 R13=86 R14=98 R15=75

**Photo Parameters:**

Flux = 194.3 lm Eff. : 33.41 lm/W Fe = 661.4 mW

**Electrical parameters:**

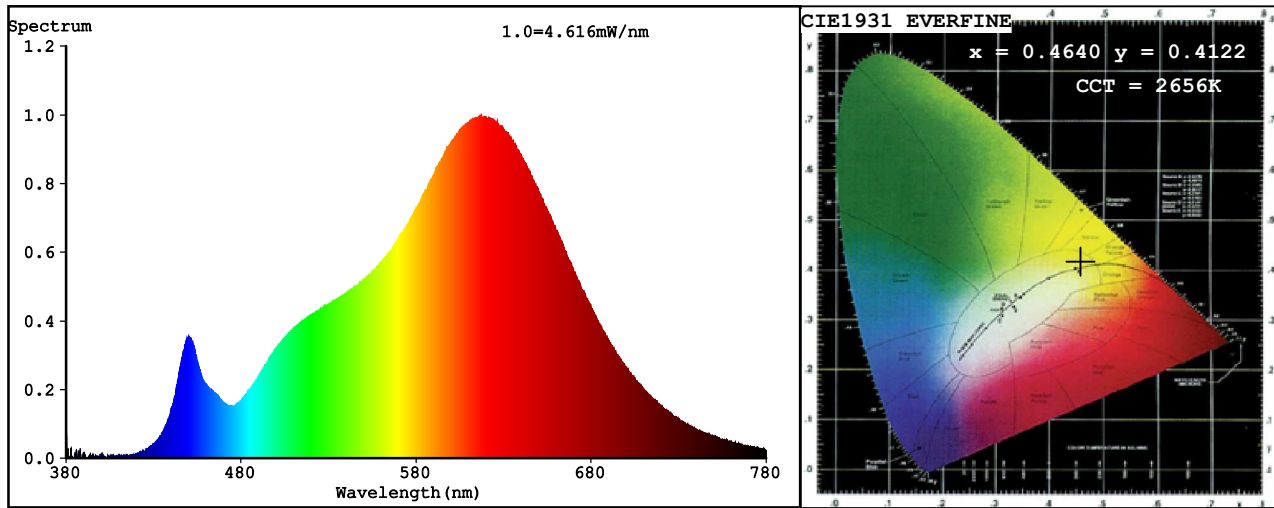
V = 12.111 V I = 0.7066 A P = 5.816 W PF = 0.6796  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 918 ms Ip = 54053 (82%)

Model: MR16-RGBCW2250G  
 Tester:  
 Temperature: 25.3Deg  
 Manufacturer:

Number: K22-MR16-RGBCW2250G-AT5-D60 (22K)  
 Date: 2023-03-07  
 Humidity: 65.0%  
 Remarks:

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4640$   $y=0.4122$  /  $u'=0.2645$   $v'=0.5286$   
 CCT=2656K (Duv=0.0002) Dominant WL:  $\lambda_d = 584.3\text{nm}$  Purity=63.0%  
 Ratio: R=26.8% G=70.8% B=2.4% Peak WL:  $\lambda_p = 617.2\text{nm}$  FWHM=129.5nm  
 Render Index: Ra=91.6 TM30: Rf=90 Rg=98  
 R1 =92 R2 =97 R3 =97 R4 =93 R5 =93 R6 =98 R7 =89  
 R8 =75 R9 =47 R10=94 R11=96 R12=89 R13=94 R14=99 R15=85

**Photo Parameters:**

Flux = 205.1 lm Eff. : 36.50 lm/W Fe = 698.2 mW

**Electrical parameters:**

V = 12.112 V I = 0.6831 A P = 5.619 W PF = 0.6792

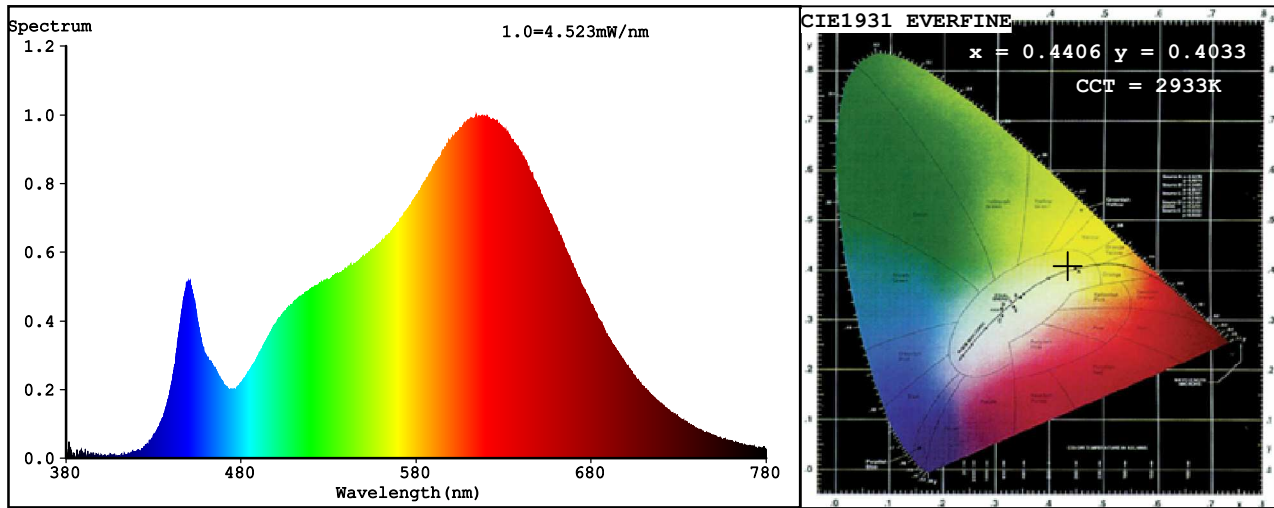
LEVEL:OUT WHITE:ANSI\_2700K

Status: Integral T = 918 ms Ip = 48875 (75%)

Model:MR16-RGBCW2250G  
 Tester:  
 Temperature:25.3Deg  
 Manufacturer:

Number:K22-MR16-RGBCW2250G-AT5-D60 (27K)  
 Date:2023-03-07  
 Humidity:65.0%  
 Remarks:

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4406$   $y=0.4033$  /  $u'=0.2533$   $v'=0.5216$   
 CCT=2933K (Duv=-0.0008) Dominant WL:Ld =583.4nm Purity=53.3%  
 Ratio:R=25.0% G=72.1% B=2.9% Peak WL:Lp=614.5nm FWHM=153.3nm  
 Render Index:Ra=93.4 TM30:Rf=91 Rg=100  
 R1 =94 R2 =98 R3 =98 R4 =95 R5 =95 R6 =97 R7 =91  
 R8 =80 R9 =56 R10=95 R11=97 R12=88 R13=95 R14=100 R15=89

**Photo Parameters:**

Flux = 216.8 lm Eff. : 38.14 lm/W Fe = 738.7 mW

**Electrical parameters:**

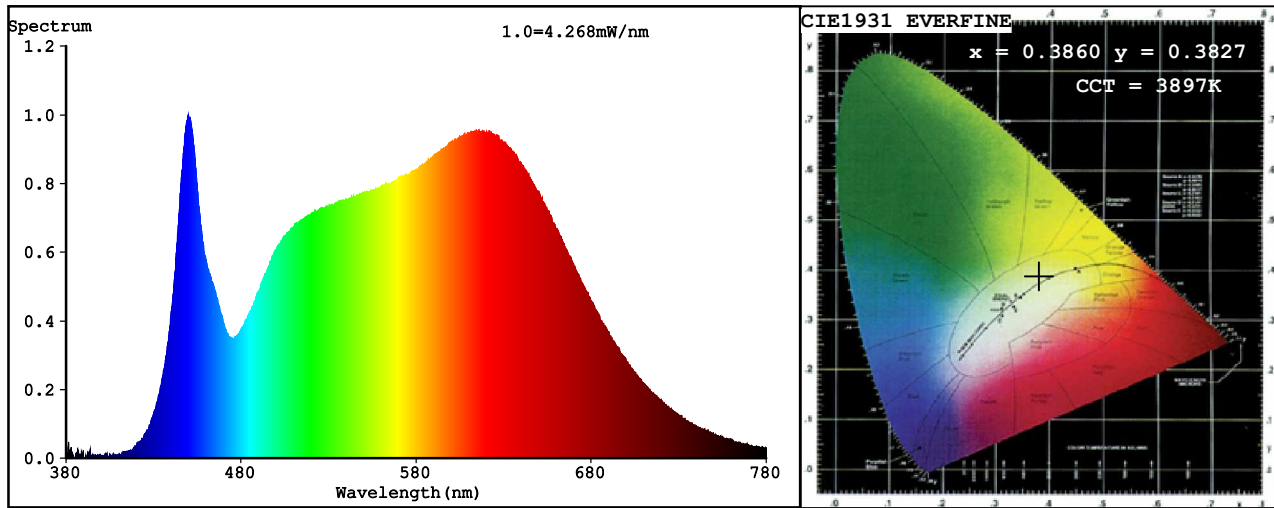
V = 12.110 V I = 0.6914 A P = 5.686 W PF = 0.6790  
 LEVEL:OUT WHITE:ANSI\_3000K

Status: Integral T = 918 ms Ip = 48230 (74%)

Model:MR16-RGBCW2250G  
 Tester:  
 Temperature:25.3Deg  
 Manufacturer:

Number:K22-MR16-RGBCW2250G-AT5-D60 (30K)  
 Date:2023-03-07  
 Humidity:65.0%  
 Remarks:

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3860$   $y=0.3827$  /  $u'=0.2264$   $v'=0.5050$   
 CCT=3897K (Duv=0.0012) Dominant WL:  $\lambda_d = 578.9\text{nm}$  Purity=30.7%  
 Ratio: R=20.3% G=75.5% B=4.2% Peak WL:  $\lambda_p = 449.7\text{nm}$  FWHM=23.0nm  
 Render Index: Ra=95.2 TM30: Rf=93 Rg=99  
 R1 =96 R2 =97 R3 =98 R4 =96 R5 =95 R6 =95 R7 =96  
 R8 =89 R9 =71 R10=93 R11=97 R12=79 R13=96 R14=98 R15=93

**Photo Parameters:**

Flux = 243.2 lm Eff. : 42.67 lm/W Fe = 829.9 mW

**Electrical parameters:**

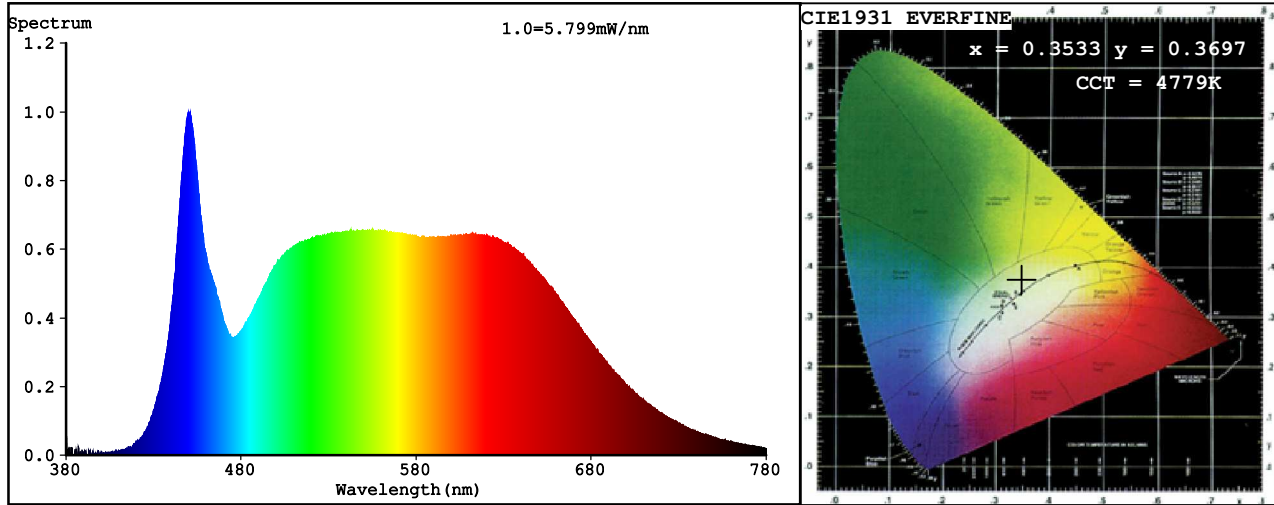
V = 12.110 V I = 0.6939 A P = 5.700 W PF = 0.6783  
 LEVEL:OUT WHITE:ANSI\_4000K

Status: Integral T = 918 ms Ip = 44066 (67%)

Model:MR16-RGBCW2250G  
 Tester:  
 Temperature:25.3Deg  
 Manufacturer:

Number:K22-MR16-RGBCW2250G-AT5-D60 (40K)  
 Date:2023-03-07  
 Humidity:65.0%  
 Remarks:

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3533$   $y=0.3697$  /  $u'=0.2100$   $v'=0.4944$   
 CCT=4779K (Duv=0.0057) Dominant WL:  $\lambda_d = 571.0\text{nm}$  Purity=16.9%  
 Ratio: R=17.3% G=77.6% B=5.1% Peak WL:  $\lambda_p = 450.9\text{nm}$  FWHM=23.0nm  
 Render Index: Ra=93.3 TM30: Rf=92 Rg=98  
 R1 =93 R2 =95 R3 =97 R4 =93 R5 =92 R6 =92 R7 =97  
 R8 =89 R9 =68 R10=88 R11=93 R12=70 R13=93 R14=98 R15=90

**Photo Parameters:**

Flux = 263.6 lm Eff. : 45.82 lm/W Fe = 902.3 mW

**Electrical parameters:**

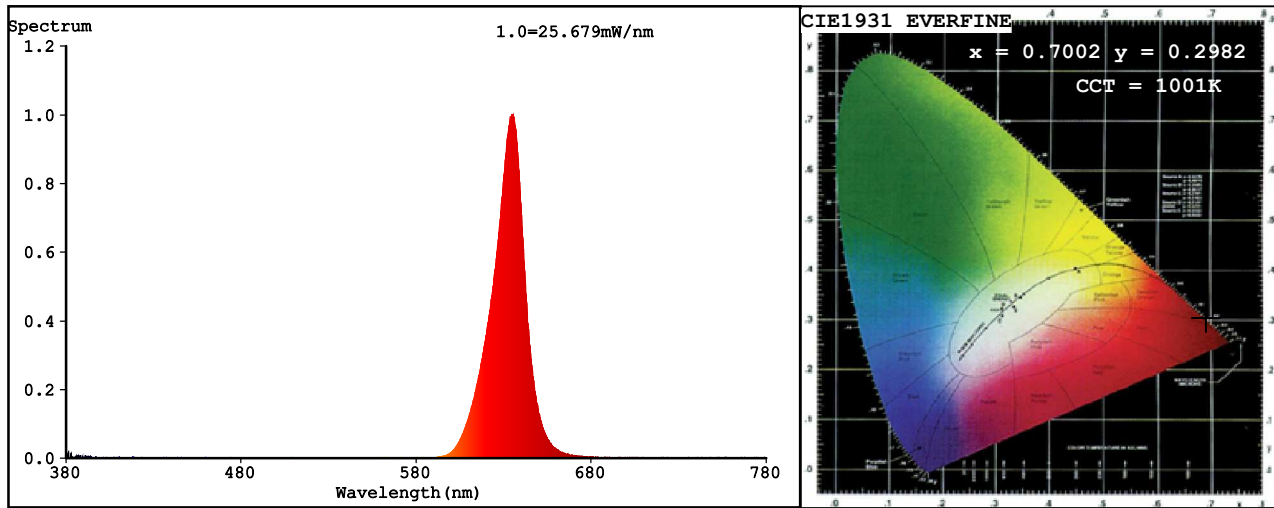
V = 12.109 V I = 0.7009 A P = 5.753 W PF = 0.6779  
 LEVEL:OUT WHITE:ANSI\_5000K

Status: Integral T = 918 ms Ip = 46350 (71%)

Model:MR16-RGBCW2250G  
 Tester:  
 Temperature:25.3Deg  
 Manufacturer:

Number:K22-MR16-RGBCW2250G-AT5-D60 (50K)  
 Date:2023-03-07  
 Humidity:65.0%  
 Remarks:

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.7002$   $y=0.2982$   $u'=0.5409$   $v'=0.5183$   
 CCT=1001K(Duv=-0.0934) Dominant WL:Ld =625.7nm Purity=99.6%  
 Ratio:R=98.9% G=1.0% B=0.0% Peak WL:Lp=634.9nm FWHM=18.6nm  
 Render Index:Ra=9.8 TM30:Rf=25 Rg=-1  
 R1 =3      R2 =79      R3 =26      R4 =-32      R5 =-3      R6 =91      R7 =-2  
 R8 =-83      R9 =-248      R10=74      R11=-16      R12=79      R13=29      R14=56      R15=-43

**Photo Parameters:**

Flux = 100.1 lm    Eff. : 18.16 lm/W    Fe = 571.3 mW

**Electrical parameters:**

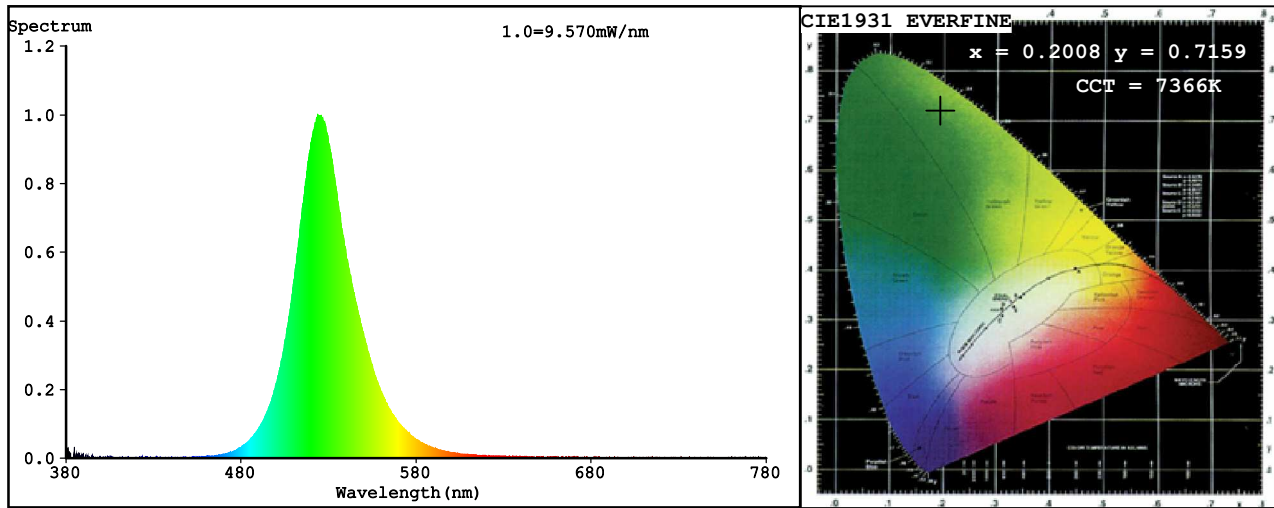
V = 12.112 V      I = 0.6721 A      P = 5.511 W PF = 0.6770  
 LEVEL:OUT      WHITE:OUT

Status: Integral T = 198 ms Ip = 53964 (82%)

Model:MR16-RGBCW2250G  
 Tester:  
 Temperature:25.3Deg  
 Manufacturer:

Number:K22-MR16-RGBCW2250G-AT5-D60-R  
 Date:2023-03-07  
 Humidity:65.0%  
 Remarks:

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.2008$   $y=0.7159$  /  $u'=0.0718$   $v'=0.5758$   
 CCT=7366K (Duv=0.1478) Dominant WL:  $\lambda_d = 532.5\text{nm}$  Purity=83.0%  
 Ratio: R=0.5% G=98.0% B=1.5% Peak WL:  $\lambda_p = 523.8\text{nm}$  FWHM=33.9nm  
 Render Index: Ra=-19.1 TM30: Rf=1 Rg=9  
 R1 = -33 R2 = -3 R3 = -10 R4 = -59 R5 = -8 R6 = -9 R7 = 0  
 R8 = -31 R9 = -355 R10 = -93 R11 = -89 R12 = -25 R13 = -36 R14 = 45 R15 = -33

**Photo Parameters:**

Flux = 202.6 lm Eff. : 37.51 lm/W Fe = 392.2 mW

**Electrical parameters:**

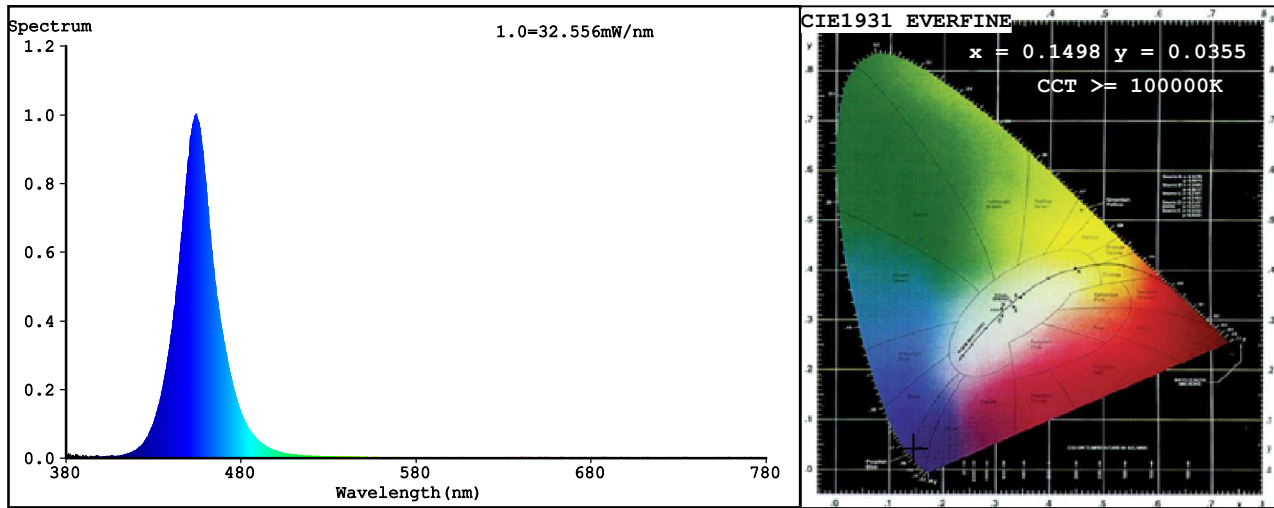
V = 12.112 V I = 0.6599 A P = 5.401 W PF = 0.6758  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 439 ms Ip = 54178 (83%)

Model: MR16-RGBCW2250G  
 Tester:  
 Temperature: 25.3Deg  
 Manufacturer:

Number: K22-MR16-RGBCW2250G-AT5-D60-G  
 Date: 2023-03-07  
 Humidity: 65.0%  
 Remarks:

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.1498$   $y=0.0355$  /  $u'=0.1917$   $v'=0.1021$   
 CCT=100000K (Duv=-0.1982) Dominant WL:Ld =459.0nm Purity=97.6%  
 Ratio:R=1.6% G=14.9% B=83.5% Peak WL:Lp=454.5nm FWHM=22.5nm  
 Render Index:Ra=-51.1 TM30:Rf=-1 Rg=-1  
 R1 =2 R2 =-40 R3 =-152 R4 =-92 R5 =14 R6 =-48 R7 =-53  
 R8 =-39 R9 =-220 R10=-221 R11=-119 R12=-109 R13=-17 R14=-34 R15=17

**Photo Parameters:**

Flux = 40.66 lm Eff. : 7.24 lm/W Fe = 894.0 mW

**Electrical parameters:**

V = 12.111 V I = 0.6861 A P = 5.616 W PF = 0.6759  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 157 ms Ip = 44204 (67%)

Model:MR16-RGBCW2250G  
 Tester:  
 Temperature:25.3Deg  
 Manufacturer:

Number:K22-MR16-RGBCW2250G-AT5-D60-B  
 Date:2023-03-07  
 Humidity:65.0%  
 Remarks: