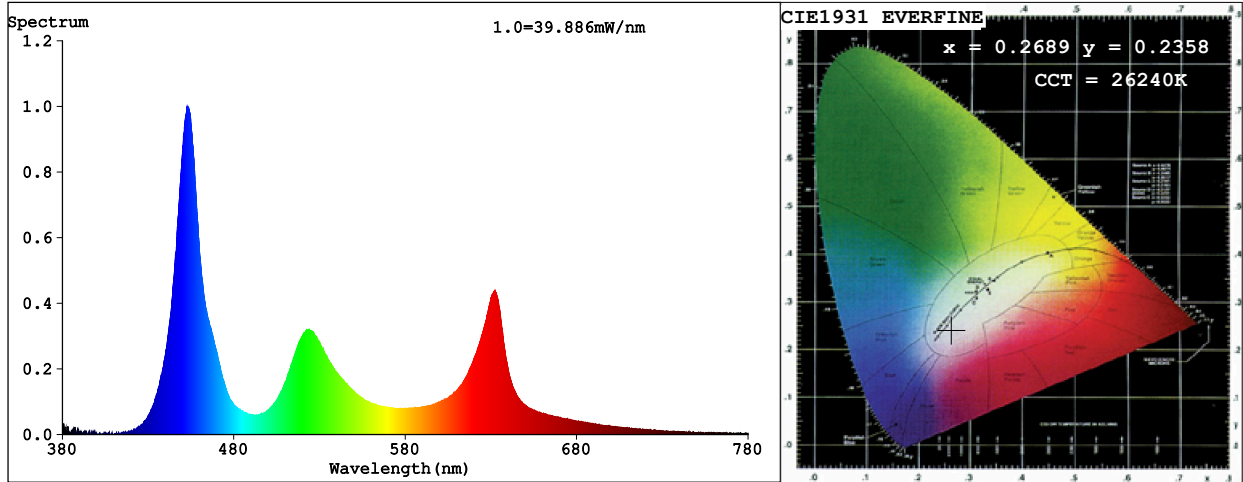


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.2689$   $y=0.2358$  /  $u'=0.2033$   $v'=0.4011$   
 CCT=26240K (Duv=-0.0214) Dominant WL:Ld =463.9nm Purity=32.9%  
 Ratio:R=20.9% G=71.3% B=7.8% Peak WL:Lp=452.7nm FWHM=15.7nm  
 Render Index:Ra=58.5 TM30:Rf=65 Rg=124  
 R1 =43 R2 =81 R3 =60 R4 =46 R5 =61 R6 =81 R7 =74  
 R8 =23 R9 =-139 R10=73 R11=32 R12=57 R13=52 R14=72 R15=26

**Photo Parameters:**

Flux = 455.2 lm Eff. : 54.43 lm/W Fe = 2.026 W

**Electrical parameters:**

V = 23.997 V I = 0.3485 A P = 8.363 W PF = 1.000

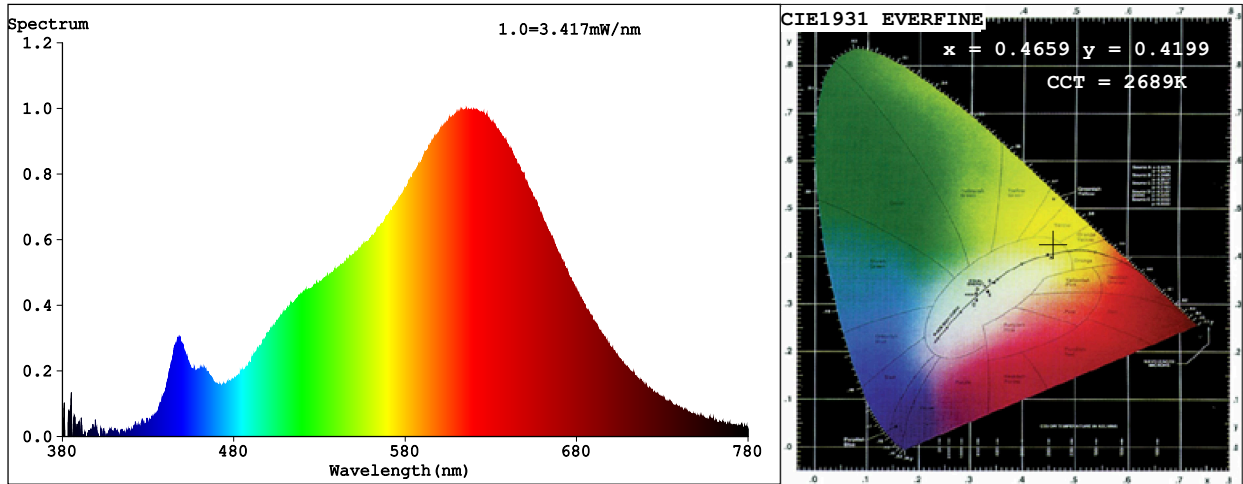
LEVEL:OUT WHITE:OUT

Status: Integral T = 351 ms Ip = 40207 (61%)

Model:E24M690RGBW  
 Tester:  
 Temperature:35.5Deg  
 Manufacturer:

Number:RGBW  
 Date:2023-07-20  
 Humidity:65.0%  
 Remarks:LD896-COB-RGBW  
 -24-IP20-0.5M

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4659$   $y=0.4199$  /  $u'=0.2622$   $v'=0.5317$   
 CCT=2689K (Duv=0.0029) Dominant WL:Ld =583.4nm Purity=65.9%  
 Ratio:R=26.1% G=71.6% B=2.3% Peak WL:Lp=615.6nm FWHM=137.0nm  
 Render Index:Ra=90.5 TM30:Rf=90 Rg=96  
 R1 =90 R2 =95 R3 =100 R4 =91 R5 =90 R6 =96 R7 =90  
 R8 =74 R9 =43 R10=88 R11=93 R12=84 R13=91 R14=99 R15=83

**Photo Parameters:**

Flux = 156.8 lm Eff. : 74.76 lm/W Fe = 525.5 mW

**Electrical parameters:**

V = 23.997 V I = 0.08740 A P = 2.097 W PF = 1.000

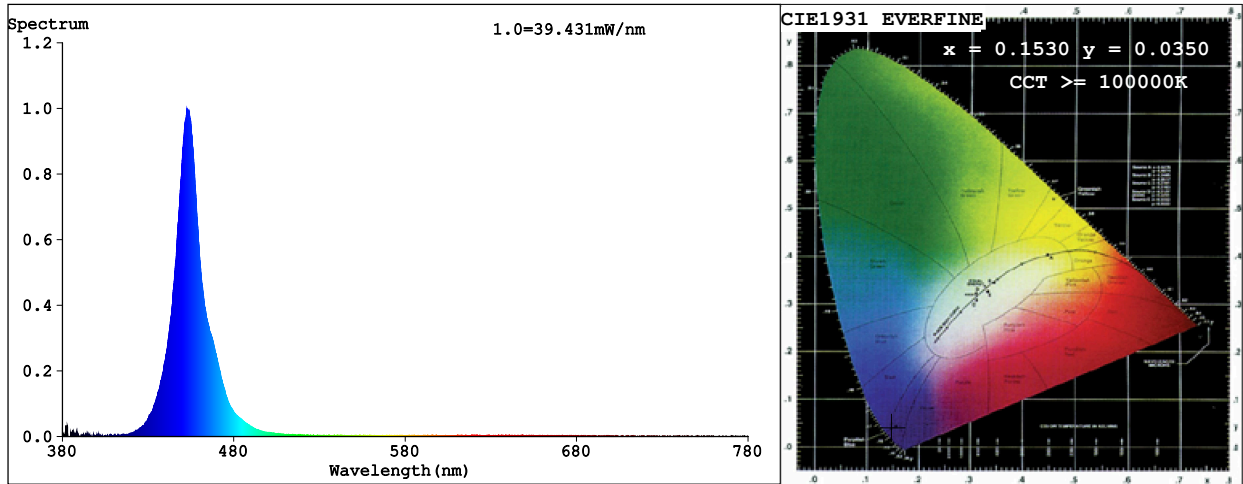
LEVEL:OUT WHITE:ANSI\_2700K

Status: Integral T = 2301 ms Ip = 50918 (78%)

Model:E24M690RGBW(2700k)  
 Tester:  
 Temperature:35.5Deg  
 Manufacturer:

Number:W  
 Date:2023-07-20  
 Humidity:65.0%  
 Remarks:LD896-COB-RGBW  
 -24-IP2-0.5M

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.1530$   $y=0.0350$  /  $u'=0.1965$   $v'=0.1011$   
 CCT=100000K (Duv=-0.1992) Dominant WL:  $\lambda_d = 457.5nm$  Purity=97.1%  
 Ratio: R=3.7% G=17.5% B=78.8% Peak WL:  $\lambda_p = 452.7nm$  FWHM=15.3nm  
 Render Index:  $R_a = -46.5$  TM30:  $R_f = -1$   $R_g = -1$   
 R1 =30 R2 =-40 R3 =-167 R4 =-92 R5 =35 R6 =-41 R7 =-60  
 R8 =-38 R9 =-127 R10=-242 R11=-111 R12=-97 R13=5 R14=-38 R15=36

**Photo Parameters:**

Flux = 38.67 lm Eff. : 16.54 lm/W Fe = 845.1 mW

**Electrical parameters:**

V = 23.997 V I = 0.09740 A P = 2.337 W PF = 1.000

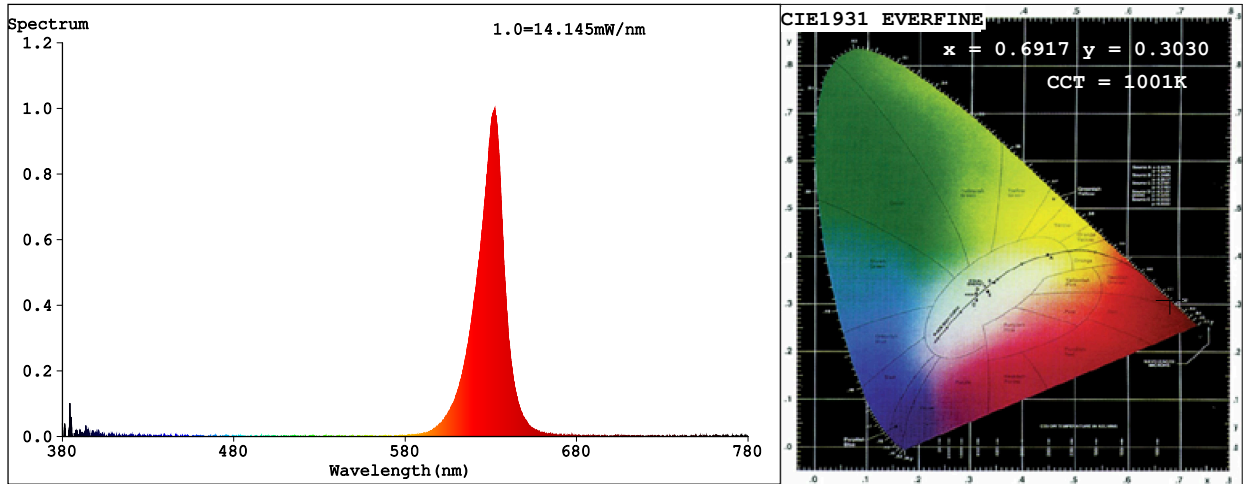
LEVEL:OUT WHITE:OUT

Status: Integral T = 432 ms Ip = 48874 (75%)

Model: E24M690RGBW (B)  
 Tester:  
 Temperature: 35.5Deg  
 Manufacturer:

Number: B  
 Date: 2023-07-20  
 Humidity: 65.0%  
 Remarks: LD896-COB-RGBW  
 -24-IP20-0.5M

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.6917$   $y=0.3030$  /  $u'=0.5268$   $v'=0.5192$   
 CCT=1001K (Duv=-0.0793) Dominant WL:Ld =623.1nm Purity=98.4%  
 Ratio:R=96.5% G=3.5% B=0.1% Peak WL:Lp=632.2nm FWHM=15.7nm  
 Render Index:Ra=17.8 TM30:Rf=4 Rg=-1  
 R1 =12 R2 =82 R3 =30 R4 =-20 R5 =9 R6 =94 R7 =5  
 R8 =-68 R9 =-220 R10=78 R11=-2 R12=74 R13=35 R14=60 R15=-31

**Photo Parameters:**

Flux = 54.43 lm Eff. : 26.07 lm/W Fe = 276.6 mW

**Electrical parameters:**

V = 23.997 V I = 0.08700 A P = 2.088 W PF = 1.000

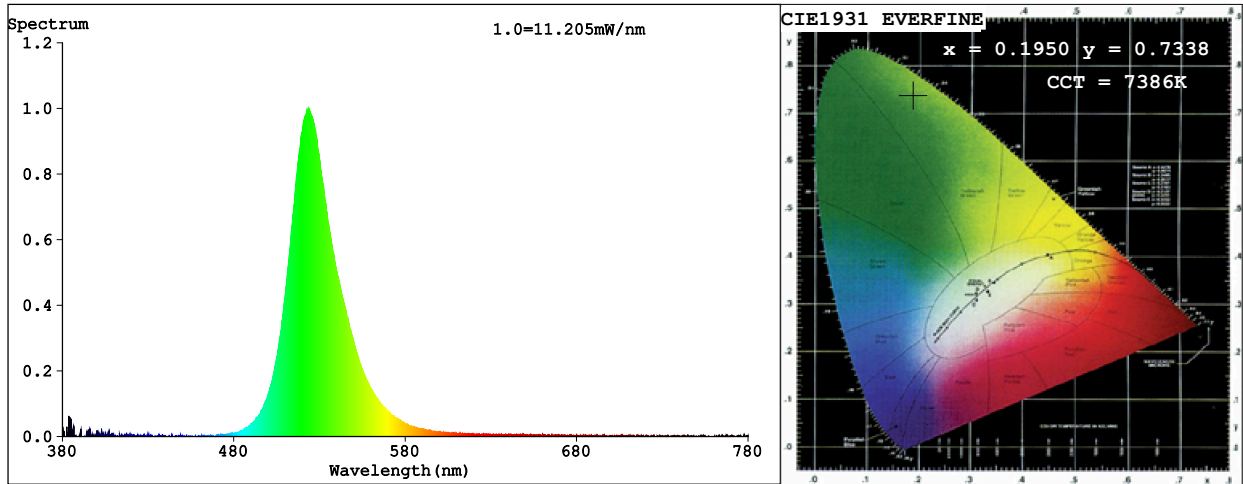
LEVEL:OUT WHITE:OUT

Status: Integral T = 432 ms Ip = 36231 (55%)

Model:E24M690RGBW (R)  
 Tester:  
 Temperature:35.5Deg  
 Manufacturer:

Number:R  
 Date:2023-07-20  
 Humidity:65.0%  
 Remarks:LD896-COB-RGBW  
 -24-IP20-0.5M

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.1950$   $y=0.7338$  /  $u'=0.0683$   $v'=0.5785$   
 CCT=7386K (Duv=0.1517) Dominant WL:Ld =532.5nm Purity=86.9%  
 Ratio:R=0.5% G=98.7% B=0.8% Peak WL:Lp=523.8nm FWHM=29.0nm  
 Render Index:Ra=-26.3 TM30:Rf=0 Rg=7  
 R1 =-34 R2 =-11 R3 =-28 R4 =-65 R5 =-9 R6 =-18 R7 =-10  
 R8 =-35 R9 =-352 R10=-114 R11=-97 R12=-40 R13=-39 R14=36 R15=-33

**Photo Parameters:**

Flux = 207.8 lm Eff. : 111.28 lm/W Fe = 398.5 mW

**Electrical parameters:**

V = 23.997 V I = 0.07780 A P = 1.867 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 841 ms Ip = 51340 (78%)

Model:E24M690RGBW(G)  
 Tester:  
 Temperature:35.5Deg  
 Manufacturer:

Number:G  
 Date:2023-07-20  
 Humidity:65.0%  
 Remarks:LD896-COB-RGBW  
 -24-IP20-0.5M