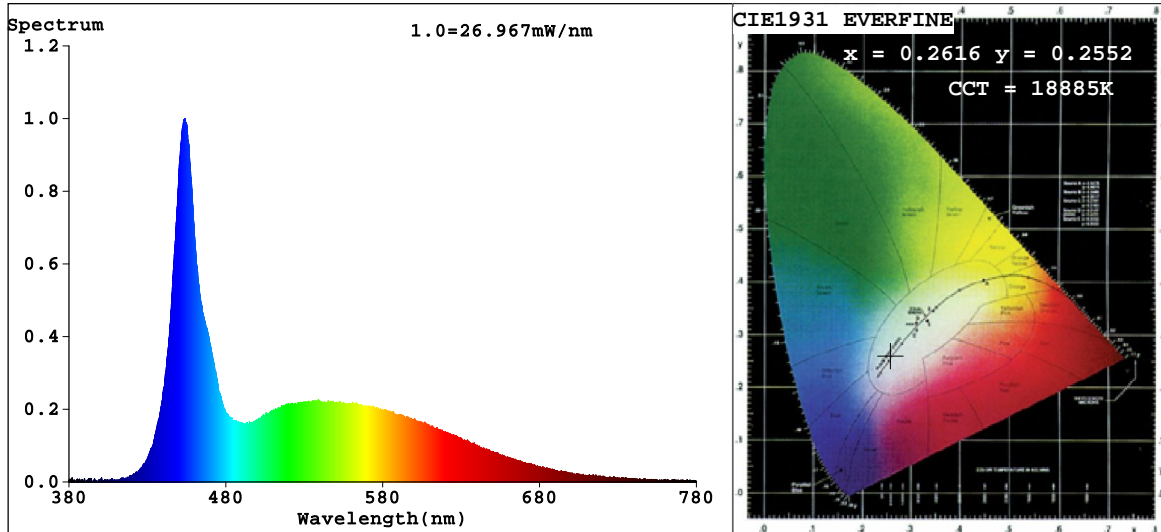


Spectrum Test Report



**Color Parameters:**

Chromaticity Coordinate:  $x=0.2616$   $y=0.2552$   $u'=0.1889$   $v'=0.4147$   
 CCT=18885K (Duv=-0.0050) Dominant WL:Ld =475.3nm Purity=31.9%  
 Ratio:R=11.8% G=78.9% B=9.3% Peak WL:Lp=453.8nm FWHM=18.4nm  
 Render Index:Ra=87.2 AvgR=83.5  
 R1 =89 R2 =94 R3 =89 R4 =83 R5 =84 R6 =82 R7 =90  
 R8 =85 R9 =60 R10=83 R11=84 R12=49 R13=94 R14=95 R15=91

**Photo Parameters:**

Flux = 389.1 lm Eff. : 100.78 lm/W Fe = 1.531 W

**Electrical parameters:**

V = 23.998 V I = 0.1609 A P = 3.861 W PF = 1.000

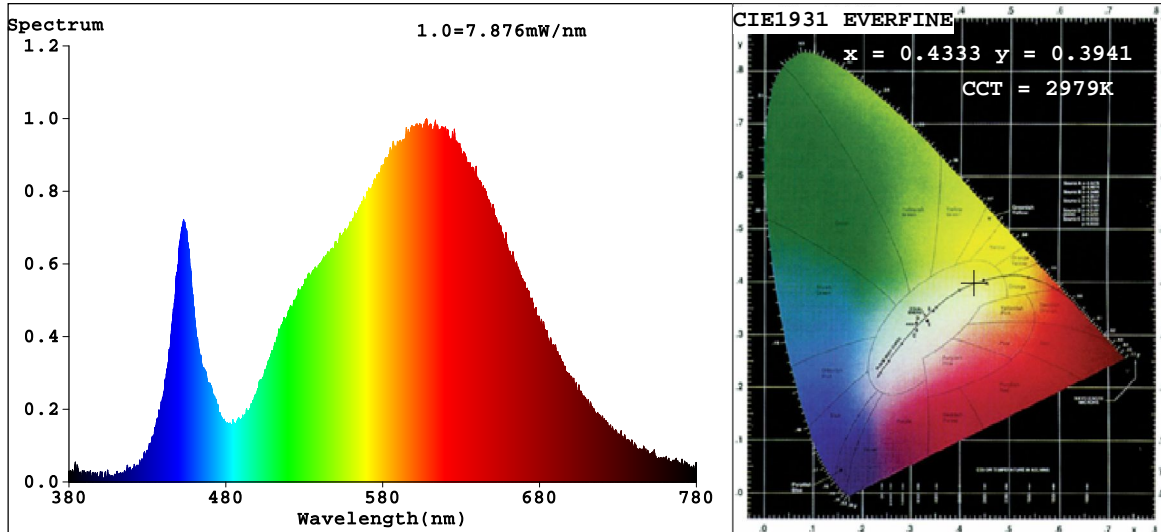
LEVEL:OUT WHITE:OUT

Status: Integral T = 100 ms Ip = 2038 (3%)

Model:19358  
 Tester:river  
 Temperature:Deg  
 Manufacturer:

Number:1  
 Date:2019-12-23 15:13:53  
 Humidity:%  
 Remarks:PU/1M

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4333$   $y=0.3941$  /  $u'=0.2526$   $v'=0.5168$   
 CCT=2979K (Duv=-0.0035) Dominant WL:  $\lambda_d = 584.3\text{nm}$  Purity=48.3%  
 Ratio: R=23.4% G=74.2% B=2.3% Peak WL:  $\lambda_p = 608.0\text{nm}$  FWHM=149.6nm  
 Render Index: Ra=85.0 AvgR=80.0  
 R1 =84 R2 =91 R3 =95 R4 =83 R5 =83 R6 =87 R7 =87  
 R8 =70 R9 =32 R10=78 R11=80 R12=67 R13=86 R14=97 R15=81

**Photo Parameters:**

Flux = 395.4 lm Eff. : 101.89 lm/W  $F_e = 1.323$  W

**Electrical parameters:**

V = 23.998 V I = 0.1617 A P = 3.880 W PF = 1.000

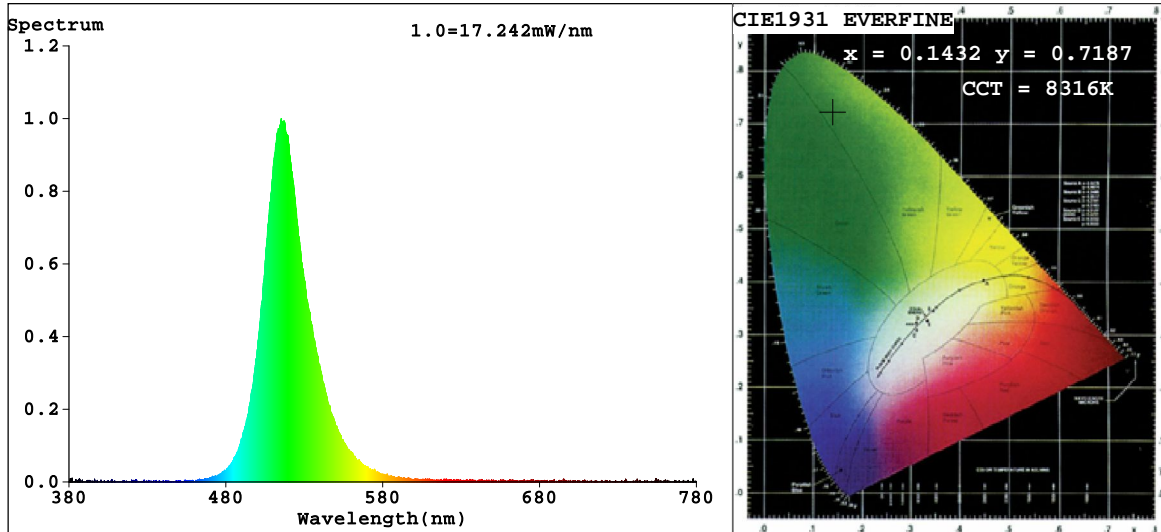
LEVEL:OUT WHITE:ANSI\_3000K

Status: Integral T = 100 ms  $I_p = 734$  (1%)

Model:19358  
 Tester:river  
 Temperature:Deg  
 Manufacturer:

Number:2  
 Date:2019-12-23 15:14:57  
 Humidity:%  
 Remarks:PU/1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:  $x=0.1432$   $y=0.7187$  /  $u'=0.0505$   $v'=0.5705$   
 CCT=8316K (Duv=0.1643) Dominant WL:Ld =521.6nm Purity=77.0%  
 Ratio:R=0.4% G=96.7% B=2.9% Peak WL:Lp=515.5nm FWHM=29.1nm  
 Render Index:Ra=0.0 AvgR=2.4  
 R1 =0 R2 =0 R3 =0 R4 =0 R5 =0 R6 =0 R7 =0  
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=37 R15=0

Photo Parameters:

Flux = 273.6 lm Eff. : 75.21 lm/W Fe = 609.9 mW

Electrical parameters:

V = 23.998 V I = 0.1516 A P = 3.638 W PF = 1.000

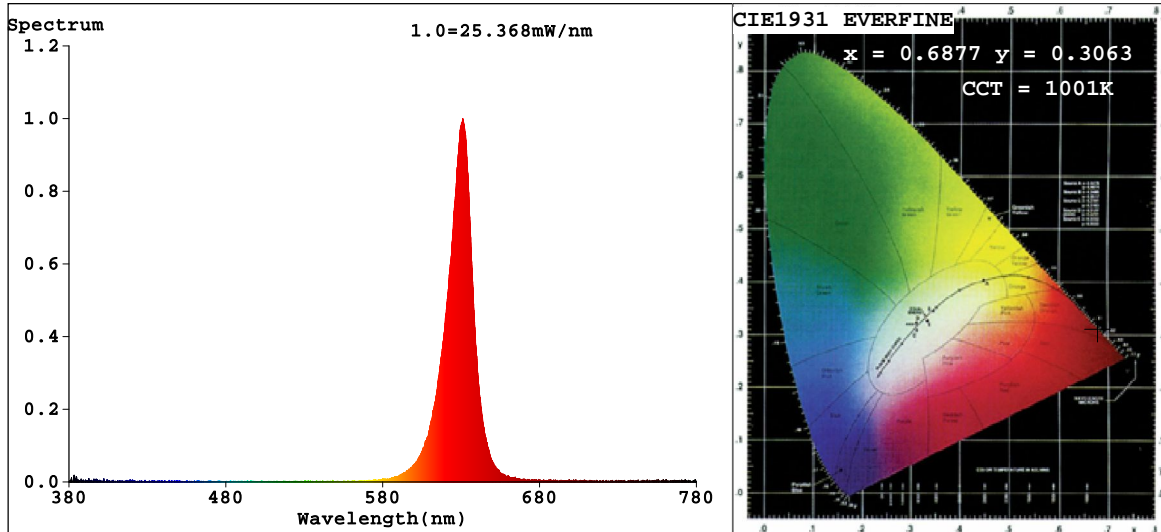
LEVEL:OUT WHITE:OUT

Status: Integral T = 100 ms Ip = 1742 (3%)

Model:19358  
 Tester:river  
 Temperature:Deg  
 Manufacturer:

Number:3  
 Date:2019-12-23 15:15:24  
 Humidity:%  
 Remarks:PU/1M

Spectrum Test Report



**Color Parameters:**

Chromaticity Coordinate: x=0.6877 y=0.3063/u'=0.5191 v'=0.5201  
 CCT=1001K(Duv=-0.0716) Dominant WL:Ld =621.3nm Purity=98.2%  
 Ratio:R=94.1% G=5.8% B=0.1% Peak WL:Lp=631.1nm FWHM=16.6nm  
 Render Index:Ra=33.4 AvgR=35.5  
 R1 =20 R2 =83 R3 =38 R4 =0 R5 =19 R6 =93 R7 =14  
 R8 =0 R9 =0 R10=80 R11=9 R12=70 R13=41 R14=65 R15=0

**Photo Parameters:**

Flux = 107.5 lm Eff. : 26.72 lm/W Fe = 532.1 mW

**Electrical parameters:**

V = 23.998 V I = 0.1676 A P = 4.022 W PF = 1.000

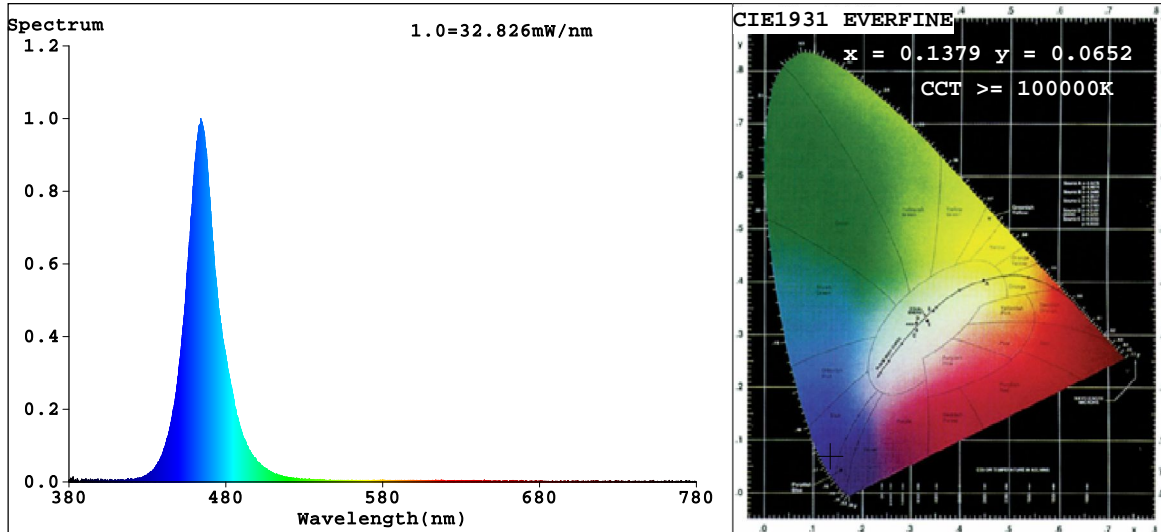
LEVEL:OUT WHITE:OUT

Status: Integral T = 100 ms Ip = 2170 (3%)

Model:19358  
 Tester:river  
 Temperature:Deg  
 Manufacturer:

Number:4  
 Date:2019-12-23 15:15:40  
 Humidity:%  
 Remarks:PU/1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:  $x=0.1379$   $y=0.0652$   $u'=0.1573$   $v'=0.1672$   
 CCT=100000K(Duv=0.1562) Dominant WL:Ld =468.5nm Purity=95.2%  
 Ratio:R=2.0% G=20.8% B=77.3% Peak WL:Lp=464.0nm FWHM=20.6nm  
 Render Index:Ra=3.8 AvgR=3.2  
 R1 =9 R2 =0 R3 =0 R4 =0 R5 =21 R6 =0 R7 =0  
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=17

Photo Parameters:

Flux = 63.82 lm Eff. : 20.25 lm/W Fe = 881.6 mW

Electrical parameters:

V = 23.998 V I = 0.1313 A P = 3.151 W PF = 1.000

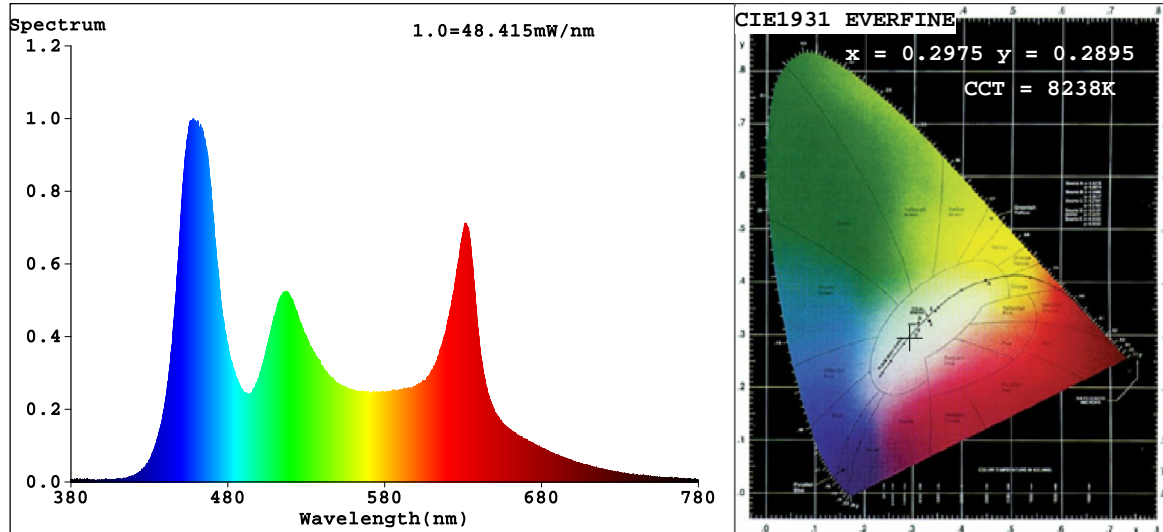
LEVEL:OUT WHITE:OUT

Status: Integral T = 100 ms Ip = 2624 (4%)

Model:19358  
 Tester:river  
 Temperature:Deg  
 Manufacturer:

Number:5  
 Date:2019-12-23 15:16:04  
 Humidity:%  
 Remarks:PU/1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:  $x=0.2975$   $y=0.2895$  /  $u'=0.2024$   $v'=0.4432$   
 CCT=8238K (Duv=-0.0098) Dominant WL:  $\lambda_d = 472.3\text{nm}$  Purity=16.6%  
 Ratio: R=19.7% G=71.8% B=8.5% Peak WL:  $\lambda_p = 458.2\text{nm}$  FWHM=28.8nm  
 Render Index: Ra=72.9 AvgR=65.0  
 R1 =62 R2 =77 R3 =93 R4 =70 R5 =69 R6 =74 R7 =83  
 R8 =54 R9 =0 R10=53 R11=62 R12=66 R13=64 R14=93 R15=54

Photo Parameters:

Flux = 1167 lm Eff. : 64.13 lm/W Fe = 4.637 W

Electrical parameters:

V = 23.998 V I = 0.7581 A P = 18.19 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 100 ms Ip = 3799 (6%)

Model:19358  
 Tester:river  
 Temperature:Deg  
 Manufacturer:

Number:6  
 Date:2019-12-23 15:16:36  
 Humidity:%  
 Remarks:PU/1M