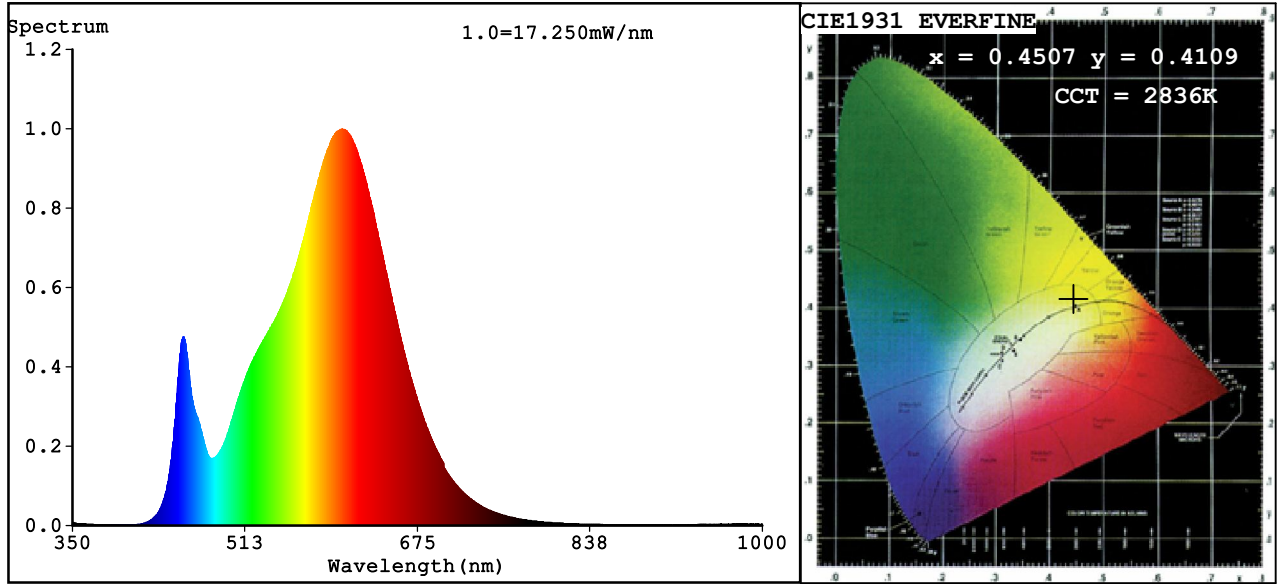


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4507$   $y=0.4109$   $u'=0.2564$   $v'=0.5261$   
 CCT=2836K(Duv=0.0010) Dominant WL:Ld =583.2nm Purity=58.6%  
 Ratio:R=23.8% G=73.9% B=2.3%;;Peak WL:Lp=604.1nm FWHM=119.8nm  
 Render Index:Ra=81.2  
 R1 =80 R2 =91 R3 =96 R4 =78 R5 =79 R6 =89 R7 =81  
 R8 =56 R9 =2 R10=79 R11=77 R12=68 R13=82 R14=99 R15=71

**Photo Parameters:**

Flux = 811.9 lm Eff. : 91.06 lm/W Fe = 2.461 W

**Electrical parameters:**

V = 229.86 V I = 0.06794 A P = 8.917 W PF = 0.5710

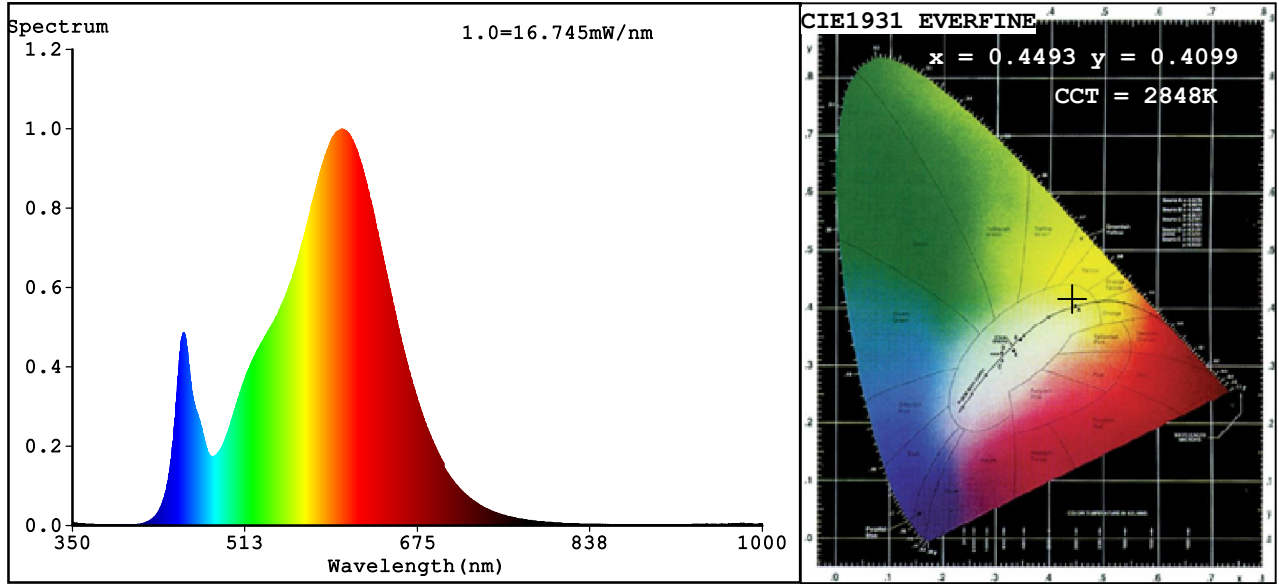
WHITE:ANSI\_2700K

Status: Integral T = 49 ms Ip = 42649 (65%)

Model:LED GLOBE G45/8W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED911  
 Date:2017-12-22 11:25  
 Humidity:65.0%  
 Remarks:017A035\_4234

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4493$   $y=0.4099$   $u'=0.2560$   $v'=0.5255$   
 CCT=2848K(Duv=0.0007) Dominant WL:Ld =583.3nm Purity=57.9%  
 Ratio:R=23.8% G=73.9% B=2.4%;; Peak WL:Lp=604.1nm FWHM=120.2nm  
 Render Index:Ra=81.3  
 R1 =80 R2 =91 R3 =96 R4 =78 R5 =79 R6 =89 R7 =81  
 R8 =56 R9 =3 R10=79 R11=77 R12=68 R13=82 R14=98 R15=72

**Photo Parameters:**

Flux = 789.6 lm Eff. : 90.07 lm/W Fe = 2.397 W

**Electrical parameters:**

V = 229.99 V I = 0.06838 A P = 8.766 W PF = 0.5574

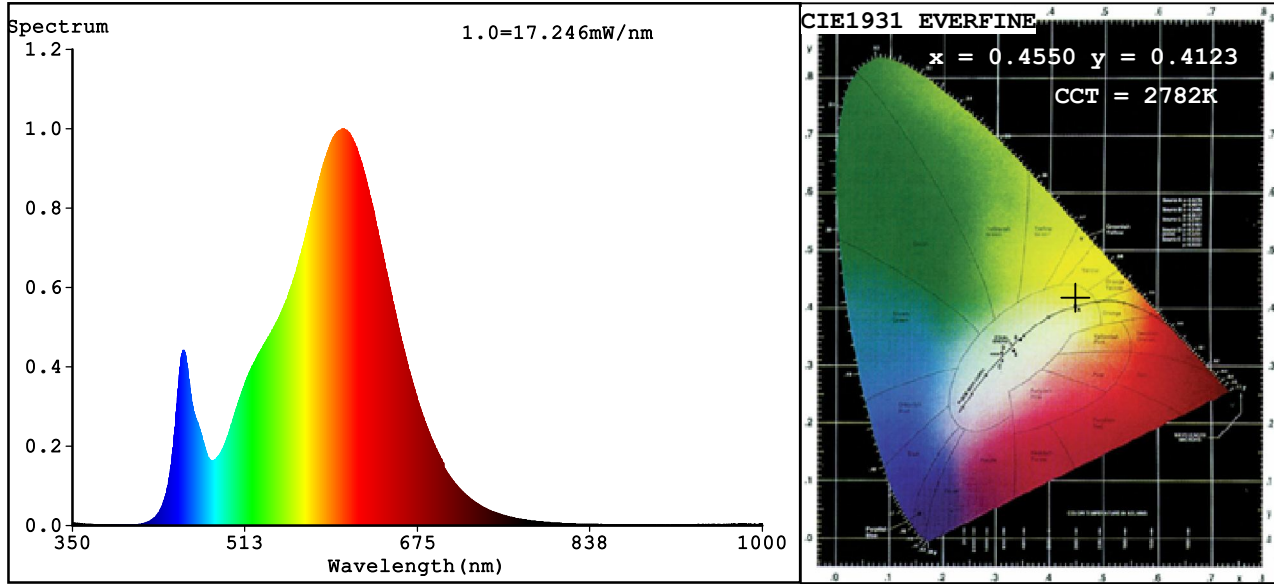
WHITE:ANSI\_2700K

Status: Integral T = 49 ms Ip = 41392 (63%)

Model:LED GLOBE G45/8W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED911  
 Date:2017-12-22 13:18  
 Humidity:65.0%  
 Remarks:017A035\_4234

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4550$   $y=0.4123$   $u'=0.2587$   $v'=0.5273$   
 CCT=2782K(Duv=0.0010) Dominant WL:Ld =583.5nm Purity=60.3%  
 Ratio:R=24.2% G=73.5% B=2.3%;;Peak WL:Lp=605.8nm FWHM=117.3nm  
 Render Index:Ra=81.1  
 R1 =79 R2 =91 R3 =96 R4 =78 R5 =79 R6 =89 R7 =81  
 R8 =55 R9 =2 R10=79 R11=77 R12=68 R13=82 R14=98 R15=71

**Photo Parameters:**

Flux = 800.2 lm Eff. : 88.24 lm/W Fe = 2.428 W

**Electrical parameters:**

V = 229.92 V I = 0.07007 A P = 9.068 W PF = 0.5629

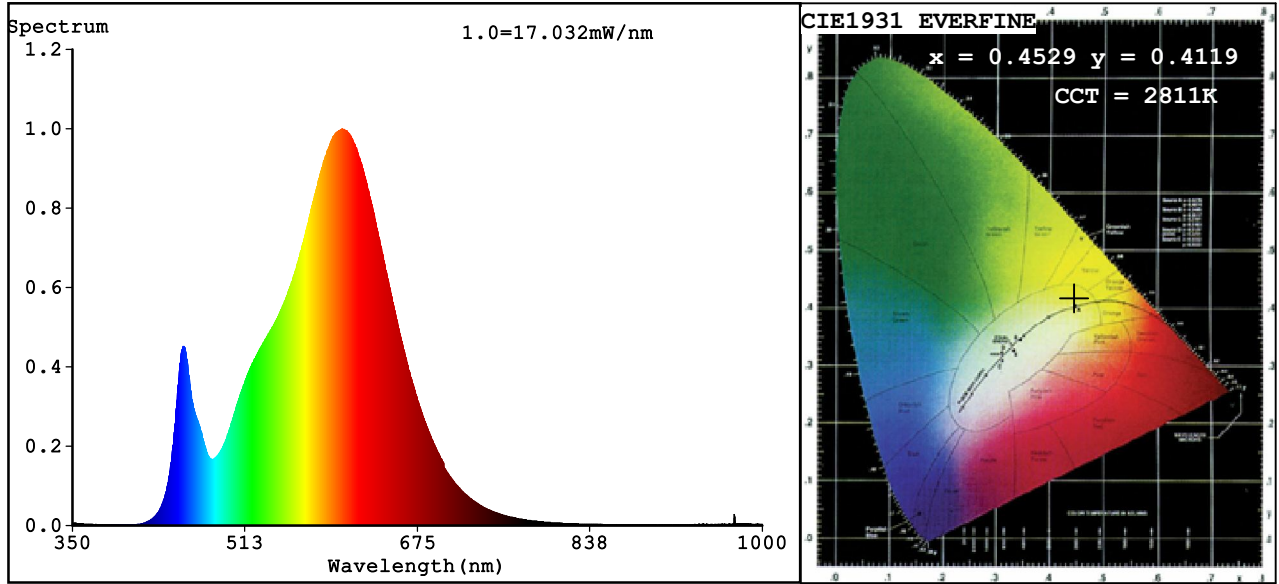
WHITE:ANSI\_2700K

Status: Integral T = 49 ms Ip = 42624 (65%)

Model:LED GLOBE G45/8W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED911  
 Date:2017-12-22 13:22  
 Humidity:65.0%  
 Remarks:017A035\_4234

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4529$   $y=0.4119$   $u'=0.2574$   $v'=0.5268$   
 CCT=2811K(Duv=0.0011) Dominant WL:Ld =583.3nm Purity=59.6%  
 Ratio:R=24.0% G=73.7% B=2.3%;;Peak WL:Lp=604.1nm FWHM=118.7nm  
 Render Index:Ra=81.0  
 R1 =79    R2 =91    R3 =96    R4 =78    R5 =79    R6 =89    R7 =81  
 R8 =55    R9 =2    R10=79    R11=76    R12=68    R13=82    R14=98    R15=71

**Photo Parameters:**

Flux = 796.4 lm    Eff. : 90.90 lm/W    Fe = 2.414 W

**Electrical parameters:**

V = 229.92 V    I = 0.06805 A    P = 8.762 W PF = 0.5600

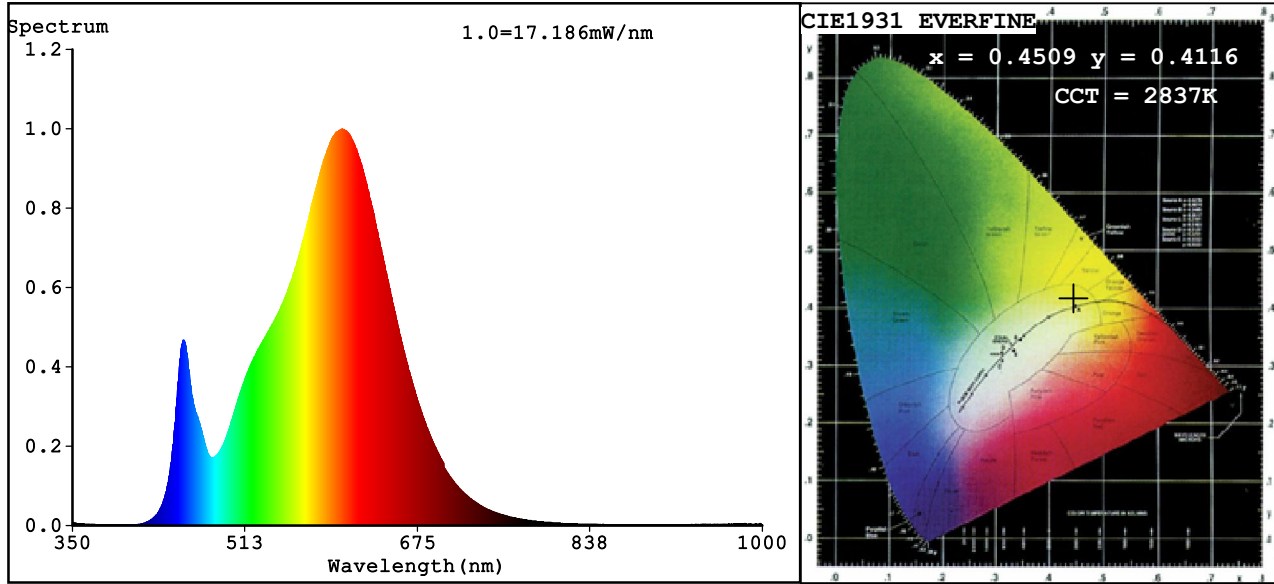
WHITE:ANSI\_2700K

Status: Integral T = 49 ms    Ip = 42087 (64%)

Model:LED GLOBE G45/8W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED911  
 Date:2017-12-22 13:23  
 Humidity:65.0%  
 Remarks:017A035\_4234

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4509$   $y=0.4116$  /  $u'=0.2563$   $v'=0.5264$   
 CCT=2837K (Duv=0.0012) Dominant WL:Ld =583.1nm Purity=58.9%  
 Ratio:R=23.8% G=73.9% B=2.3%; Peak WL:Lp=604.1nm FWHM=119.9nm  
 Render Index:Ra=81.1  
 R1 =79 R2 =91 R3 =96 R4 =78 R5 =79 R6 =89 R7 =81  
 R8 =56 R9 =2 R10=79 R11=76 R12=67 R13=82 R14=99 R15=71

**Photo Parameters:**

Flux = 809.2 lm Eff. : 89.95 lm/W Fe = 2.450 W

**Electrical parameters:**

V = 229.90 V I = 0.06983 A P = 8.996 W PF = 0.5603

WHITE:ANSI\_2700K

Status: Integral T = 49 ms Ip = 42488 (65%)

Model:LED GLOBE G45/8W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED911  
 Date:2017-12-22 13:24  
 Humidity:65.0%  
 Remarks:017A035\_4234