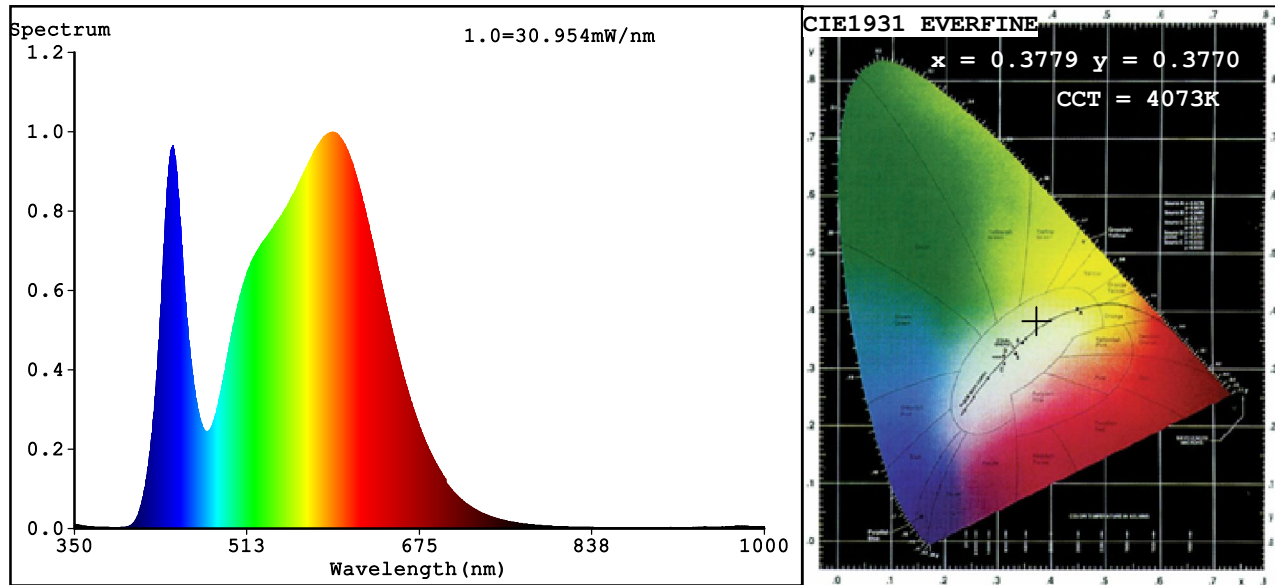


**Spectrum Test Report****Color Parameters:**Chromaticity Coordinate: $x=0.3779$   $y=0.3770$ / $u'=0.2233$   $v'=0.5013$ 

CCT=4073K(Duv=0.0009) Dominant WL:Ld =578.3nm Purity=26.5%

Ratio:R=17.8% G=78.8% B=3.3%;;Peak WL:Lp=593.8nm FWHM=150.4nm

Render Index:Ra=81.5

R1 =80      R2 =86      R3 =92      R4 =83      R5 =81      R6 =82      R7 =85

R8 =64      R9 =3      R10=68      R11=83      R12=69      R13=81      R14=96      R15=73

**Photo Parameters:**

Flux = 1794 lm    Eff. : 92.98 lm/W    Fe = 5.486 W

**Electrical parameters:**

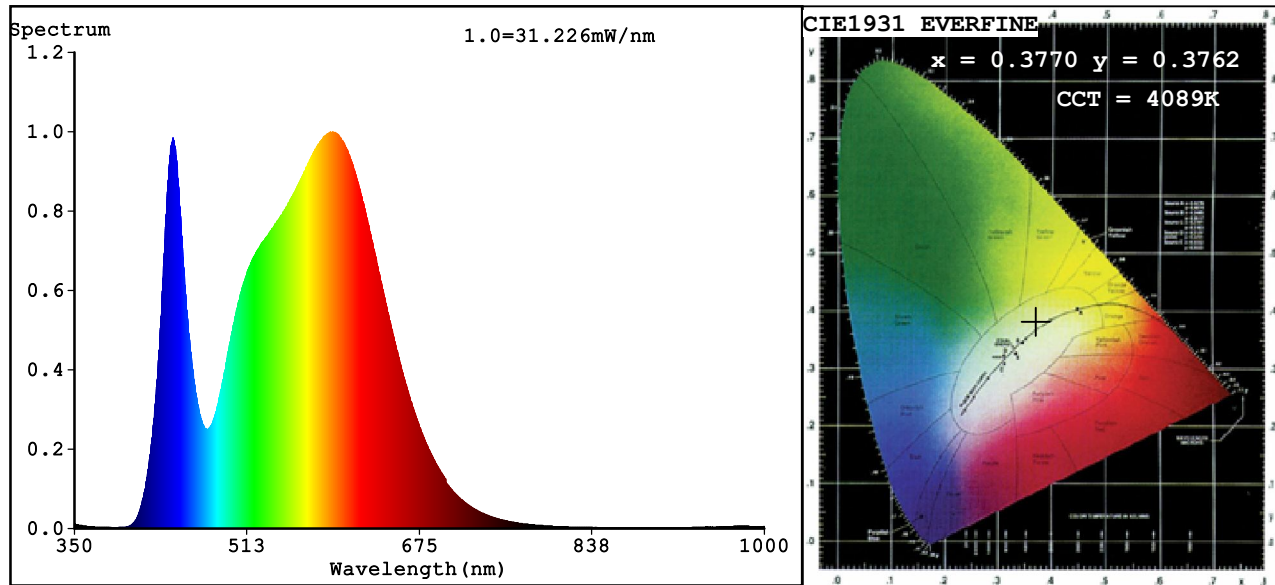
V = 230.00 V      I = 0.09017 A      P = 19.30 W PF = 0.9305

WHITE:ANSI\_4000K

Status: Integral T = 26 ms    Ip = 51609 (79%)

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Model:LED TUBE ECO/18W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARKNumber:99LED355M  
Date:2018-08-09 09:09  
Humidity:65.0%  
Remarks:018V016B\_4764

**Spectrum Test Report****Color Parameters:**Chromaticity Coordinate:  $x=0.3770$   $y=0.3762$   $u'=0.2231$   $v'=0.5008$ 

CCT=4089K(Duv=0.0008) Dominant WL:Ld =578.3nm Purity=26.0%

Ratio:R=17.8% G=78.8% B=3.4%;;Peak WL:Lp=591.1nm FWHM=150.4nm

Render Index:Ra=81.6

R1 =80 R2 =86 R3 =92 R4 =83 R5 =81 R6 =82 R7 =85

R8 =64 R9 =3 R10=68 R11=83 R12=69 R13=81 R14=96 R15=73

**Photo Parameters:**

Flux = 1812 lm Eff. : 93.97 lm/W Fe = 5.546 W

**Electrical parameters:**

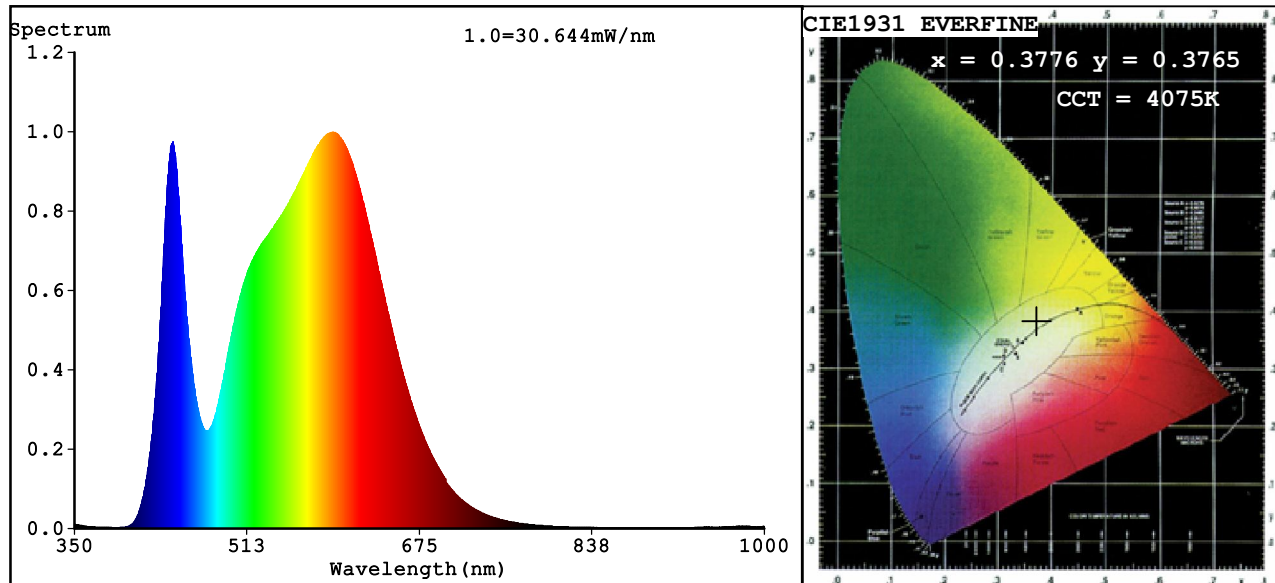
V = 229.99 V I = 0.08989 A P = 19.29 W PF = 0.9329

WHITE:ANSI\_4000K

Status: Integral T = 26 ms Ip = 52078 (79%)

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Model:LED TUBE ECO/18W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARKNumber:99LED355M  
Date:2018-08-09 09:12  
Humidity:65.0%  
Remarks:018V016B\_4764

**Spectrum Test Report****Color Parameters:**Chromaticity Coordinate: $x=0.3776$   $y=0.3765$ / $u'=0.2233$   $v'=0.5011$ 

CCT=4075K(Duv=0.0007) Dominant WL:Ld =578.4nm Purity=26.3%

Ratio:R=17.8% G=78.8% B=3.4%;;Peak WL:Lp=593.8nm FWHM=150.5nm

Render Index:Ra=81.6

R1 =80 R2 =86 R3 =92 R4 =83 R5 =81 R6 =82 R7 =85

R8 =64 R9 =3 R10=68 R11=83 R12=69 R13=81 R14=96 R15=73

**Photo Parameters:**

Flux = 1777 lm Eff. : 92.74 lm/W Fe = 5.440 W

**Electrical parameters:**

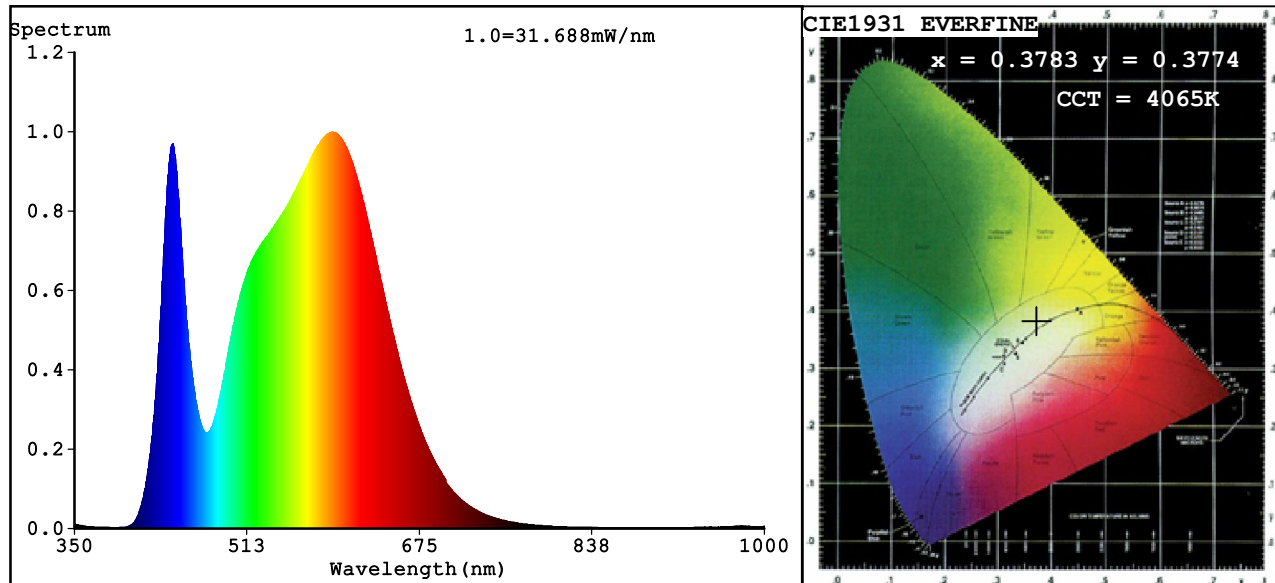
V = 230.00 V I = 0.08917 A P = 19.16 W PF = 0.9341

WHITE:ANSI\_4000K

Status: Integral T = 26 ms Ip = 51030 (78%)

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Model:LED TUBE ECO/18W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARKNumber:99LED355M  
Date:2018-08-09 10:38  
Humidity:65.0%  
Remarks:018V016B\_4764

**Spectrum Test Report****Color Parameters:**Chromaticity Coordinate: $x=0.3783$   $y=0.3774$ / $u'=0.2234$   $v'=0.5015$ 

CCT=4065K(Duv=0.0010) Dominant WL:Ld =578.3nm Purity=26.8%

Ratio:R=17.9% G=78.8% B=3.3%;;Peak WL:Lp=593.8nm FWHM=150.6nm

Render Index:Ra=81.6

R1 =80 R2 =86 R3 =92 R4 =83 R5 =81 R6 =82 R7 =85

R8 =64 R9 =3 R10=68 R11=83 R12=69 R13=81 R14=96 R15=73

**Photo Parameters:**

Flux = 1838 lm Eff. : 95.84 lm/W Fe = 5.618 W

**Electrical parameters:**

V = 230.00 V I = 0.08931 A P = 19.18 W PF = 0.9339

WHITE:ANSI\_4000K

Status: Integral T = 26 ms Ip = 52778 (81%)

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Model:LED TUBE ECO/18W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARKNumber:99LED355M  
Date:2018-08-09 10:40  
Humidity:65.0%  
Remarks:018V016B\_4764