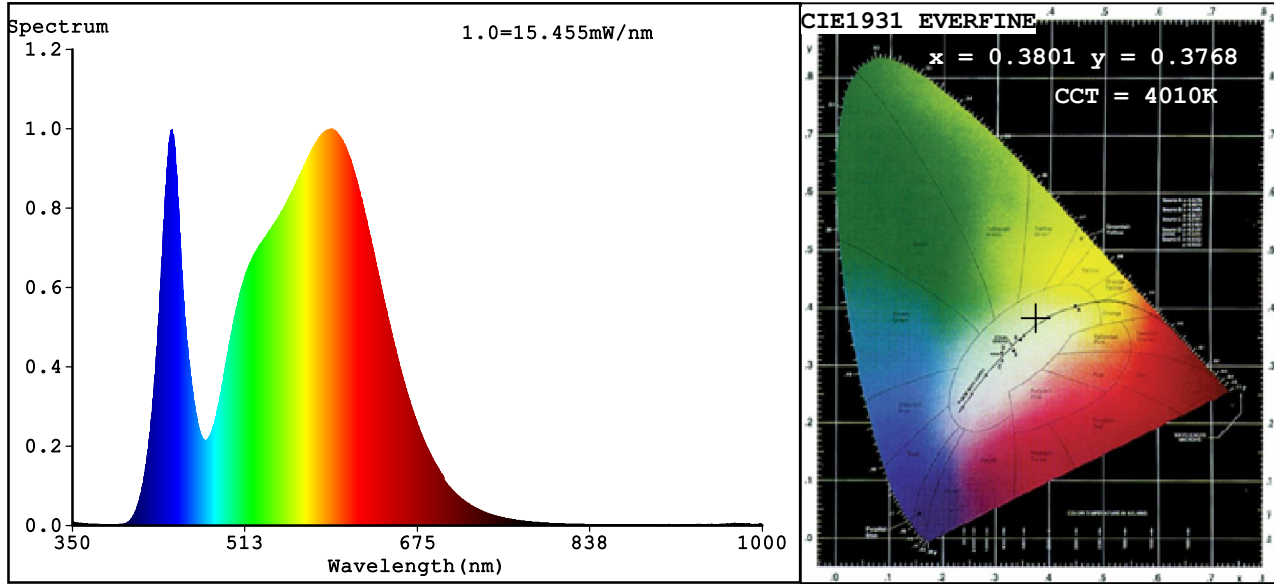


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3801$ $y=0.3768/u'=0.2249$ $v'=0.5015$
CCT=4010K(Duv=0.0001) Dominant WL:Ld =579.0nm Purity=27.1%
Ratio:R=18.0% G=78.8% B=3.2%;;Peak WL:Lp=594.8nm FWHM=148.5nm
Render Index:Ra=80.9
R1 =79 R2 =85 R3 =91 R4 =82 R5 =80 R6 =81 R7 =85
R8 =63 R9 =2 R10=67 R11=82 R12=67 R13=80 R14=95 R15=72

Photo Parameters:

Flux = 888.9 lm Eff. : 87.30 lm/W Fe = 2.708 W

Electrical parameters:

V = 229.89 V I = 0.04737 A P = 10.18 W PF = 0.9351

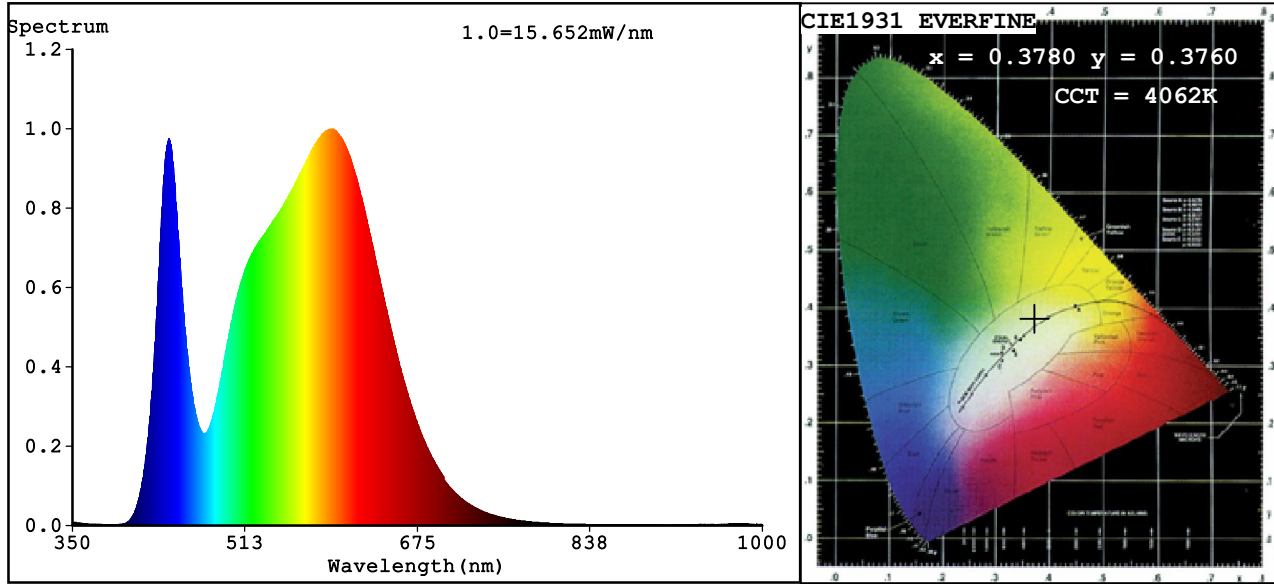
WHITE:ANSI_4000K

Status: Integral T = 51 ms Ip = 50508 (77%)

Model:LED TUBE ECO/10W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED352M
Date:2018-11-26 13:33
Humidity:65.0%
Remarks:018V034B_5081

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3780$ $y=0.3760$ $u'=0.2238$ $v'=0.5009$
 CCT=4062K(Duv=0.0004) Dominant WL:Ld =578.6nm Purity=26.3%
 Ratio:R=17.9% G=78.8% B=3.3%;;Peak WL:Lp=593.8nm FWHM=150.8nm
 Render Index:Ra=81.5
 R1 =80 R2 =86 R3 =92 R4 =83 R5 =81 R6 =82 R7 =85
 R8 =64 R9 =4 R10=68 R11=83 R12=69 R13=81 R14=95 R15=73

Photo Parameters:

Flux = 908.1 lm Eff. : 89.80 lm/W Fe = 2.785 W

Electrical parameters:

V = 229.92 V I = 0.04722 A P = 10.11 W PF = 0.9315

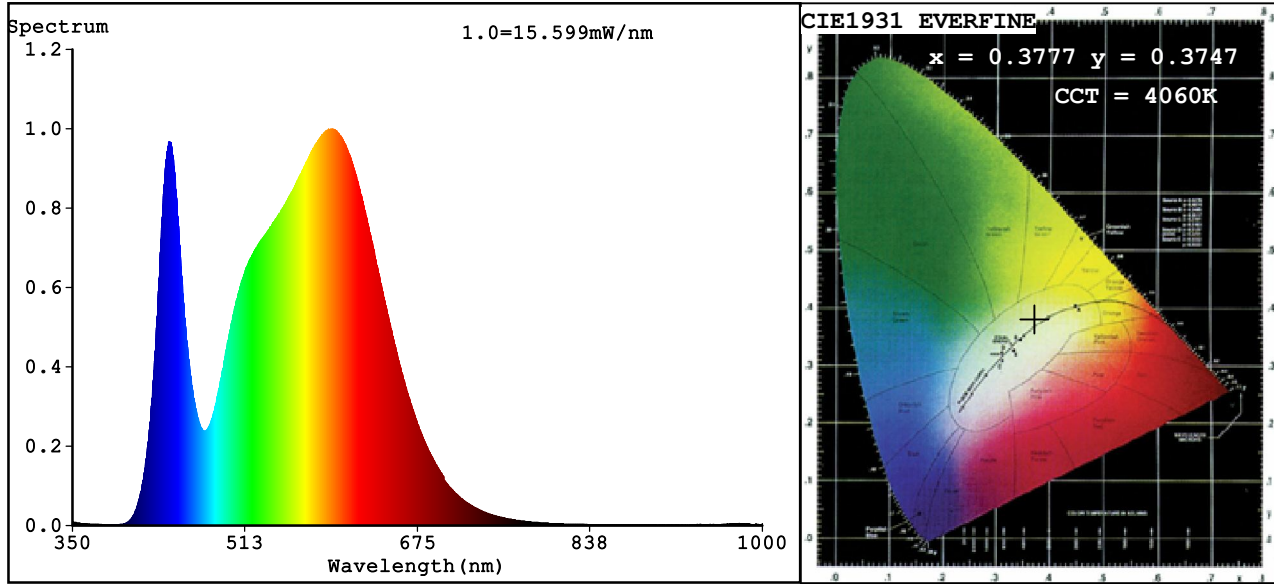
WHITE:ANSI_4000K

Status: Integral T = 51 ms Ip = 51114 (78%)

Model:LED TUBE ECO/10W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED352M
 Date:2018-11-26 13:47
 Humidity:65.0%
 Remarks:018V034B_5081

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3777$ $y=0.3747/u'=0.2241$ $v'=0.5003$
 CCT=4060K(Duv=-0.0002) Dominant WL:Ld =578.9nm Purity=25.8%
 Ratio:R=18.0% G=78.7% B=3.3%;;Peak WL:Lp=593.8nm FWHM=150.9nm
 Render Index:Ra=81.9
 R1 =80 R2 =86 R3 =92 R4 =83 R5 =81 R6 =83 R7 =85
 R8 =65 R9 =5 R10=68 R11=83 R12=70 R13=81 R14=95 R15=74

Photo Parameters:

Flux = 903.3 lm Eff. : 89.09 lm/W Fe = 2.776 W

Electrical parameters:

V = 229.90 V I = 0.04731 A P = 10.14 W PF = 0.9322

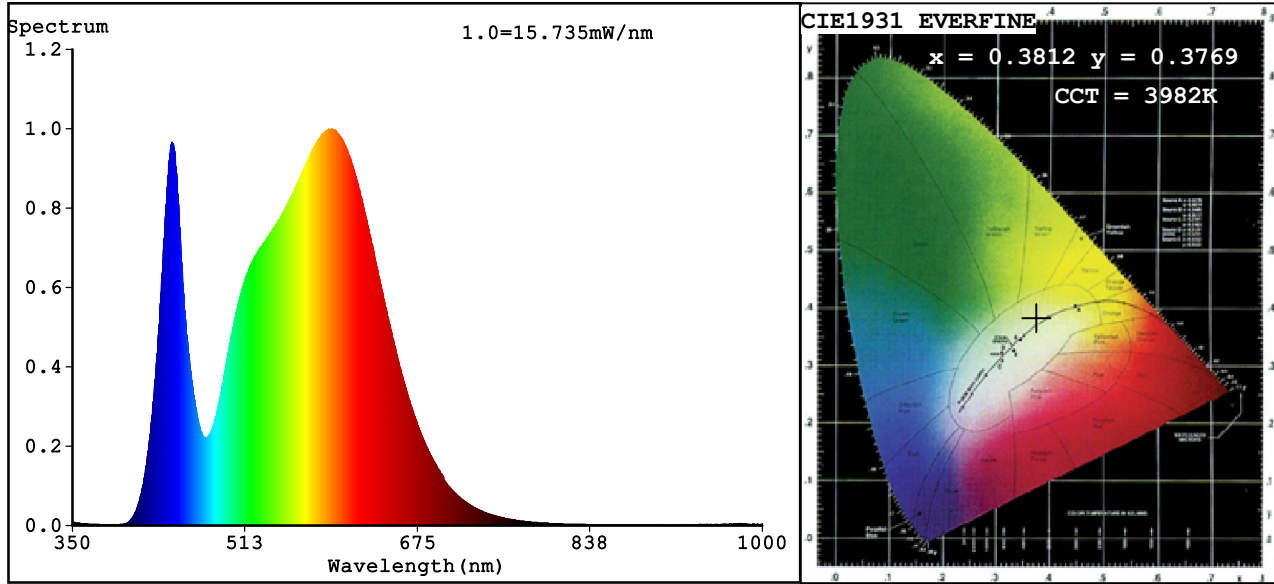
WHITE:ANSI_4000K

Status: Integral T = 51 ms Ip = 50882 (78%)

Model:LED TUBE ECO/10W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED352M
 Date:2018-11-26 13:49
 Humidity:65.0%
 Remarks:018V034B_5081

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3812$ $y=0.3769$ / $u'=0.2255$ $v'=0.5017$
 CCT=3982K (Duv=-0.0002) Dominant WL:Ld =579.2nm Purity=27.5%
 Ratio:R=18.2% G=78.7% B=3.2%;; Peak WL:Lp=593.8nm FWHM=148.1nm
 Render Index:Ra=81.2
 R1 =79 R2 =86 R3 =92 R4 =82 R5 =80 R6 =82 R7 =85
 R8 =63 R9 =2 R10=68 R11=82 R12=67 R13=80 R14=95 R15=73

Photo Parameters:

Flux = 900.3 lm Eff. : 86.23 lm/W Fe = 2.744 W

Electrical parameters:

V = 229.98 V I = 0.04854 A P = 10.44 W PF = 0.9352

WHITE:ANSI_4000K

Status: Integral T = 51 ms Ip = 51394 (78%)

Model:LED TUBE ECO/10W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED352M
 Date:2018-11-26 13:52
 Humidity:65.0%
 Remarks:018V034B_5081