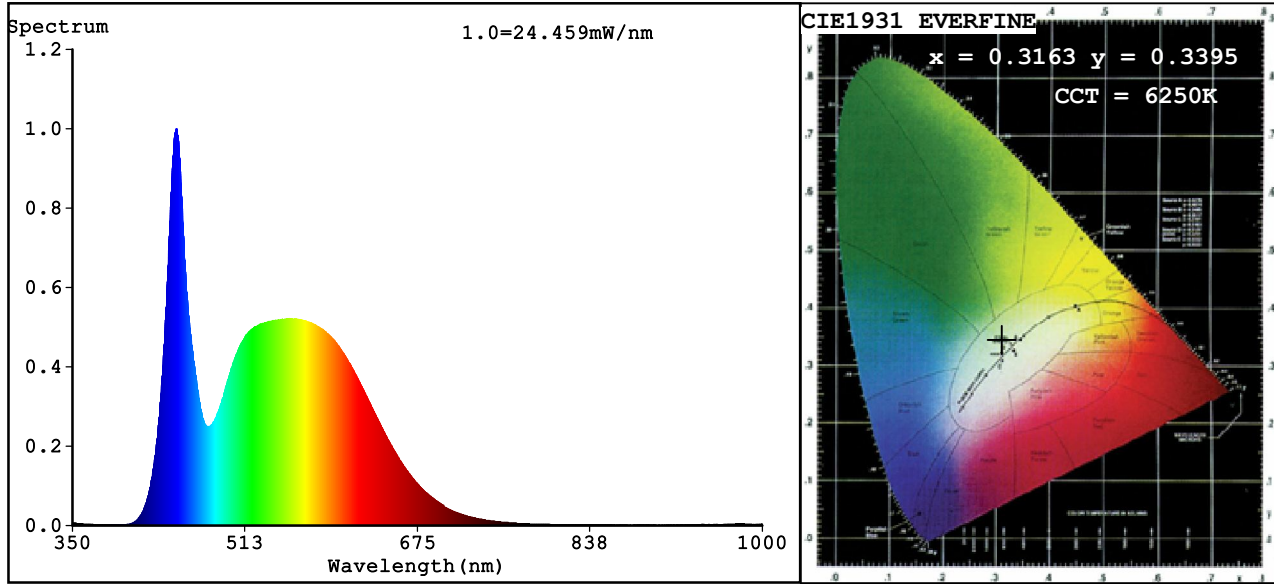


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3163$ $y=0.3395$ / $u'=0.1964$ $v'=0.4744$
CCT=6250K(Duv=0.0067) Dominant WL:Ld =496.4nm Purity=5.4%
Ratio:R=13.3% G=81.5% B=5.3%;; Peak WL:Lp=447.9nm FWHM=23.2nm
Render Index:Ra=82.0
R1 =79 R2 =85 R3 =90 R4 =83 R5 =81 R6 =81 R7 =88
R8 =68 R9 =1 R10=66 R11=82 R12=62 R13=80 R14=95 R15=73

Photo Parameters:

Flux = 832.9 lm Eff. : 88.50 lm/W Fe = 2.660 W

Electrical parameters:

V = 229.96 V I = 0.04409 A P = 9.411 W PF = 0.9283

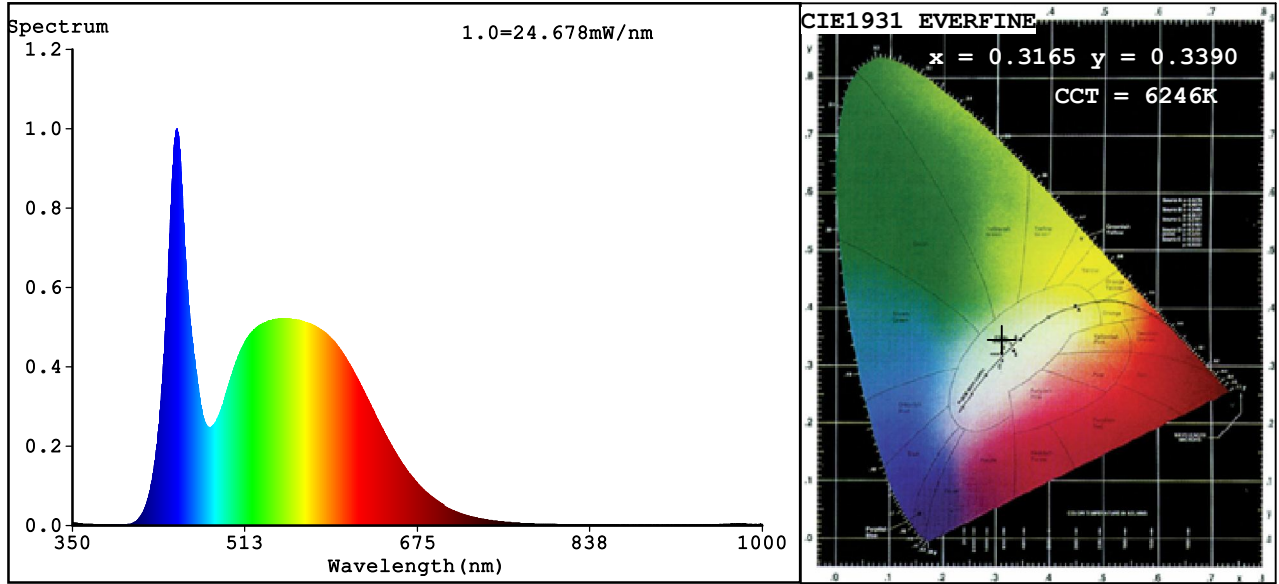
WHITE:ANSI_6500K

Status: Integral T = 40 ms Ip = 53825 (82%)

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

Number:99LED351M
Date:2018-11-26 13:58
Humidity:65.0%
Remarks:018V034B_5081

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3165$ $y=0.3390$ $u'=0.1967$ $v'=0.4741$

CCT=6246K(Duv=0.0064) Dominant WL:Ld =496.1nm Purity=5.4%

Ratio:R=13.3% G=81.5% B=5.2%;;Peak WL:Lp=448.5nm FWHM=23.7nm

Render Index:Ra=81.7

R1 =79 R2 =85 R3 =90 R4 =82 R5 =81 R6 =81 R7 =88

R8 =69 R9 =1 R10=65 R11=82 R12=60 R13=80 R14=94 R15=74

Photo Parameters:

Flux = 835.1 lm Eff. : 84.99 lm/W Fe = 2.667 W

Electrical parameters:

V = 229.97 V I = 0.04548 A P = 9.826 W PF = 0.9394

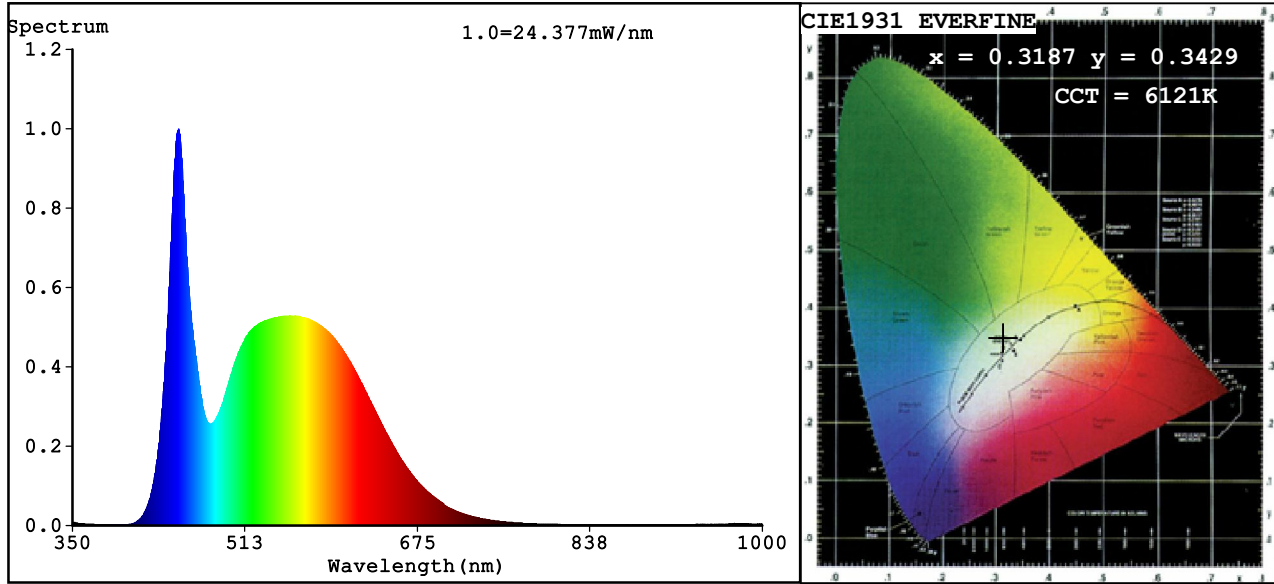
WHITE:ANSI_6500K

Status: Integral T = 40 ms Ip = 54279 (83%)

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

Number:99LED351M
Date:2018-11-26 15:26
Humidity:65.0%
Remarks:018V034B_5081

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3187$ $y=0.3429$ $u'=0.1968$ $v'=0.4764$

CCT=6121K (Duv=0.0072) Dominant WL:Ld =500.3nm Purity=4.5%

Ratio:R=13.4% G=81.3% B=5.3%; Peak WL:Lp=449.9nm FWHM=23.4nm

Render Index:Ra=82.1

R1 =79 R2 =86 R3 =91 R4 =82 R5 =81 R6 =82 R7 =88

R8 =68 R9 =2 R10=67 R11=81 R12=59 R13=81 R14=95 R15=73

Photo Parameters:

Flux = 838.5 lm Eff. : 94.77 lm/W Fe = 2.664 W

Electrical parameters:

V = 229.95 V I = 0.04211 A P = 8.848 W PF = 0.9136

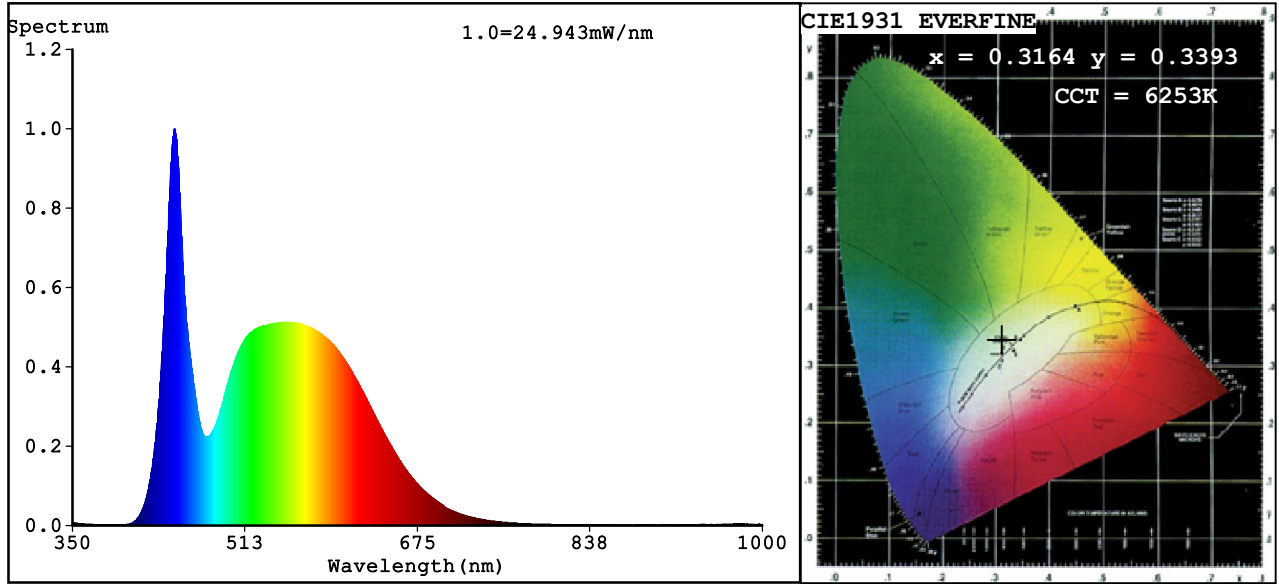
WHITE:ANSI_6500K

Status: Integral T = 40 ms Ip = 53868 (82%)

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

Number:99LED351M
Date:2018-11-26 15:38
Humidity:65.0%
Remarks:018V034B_5081

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3164$ $y=0.3393$ $u'=0.1965$ $v'=0.4743$

CCT=6253K (Duv=0.0066) Dominant WL:Ld =496.2nm Purity=5.4%

Ratio:R=13.3% G=81.7% B=5.1%; Peak WL:Lp=446.2nm FWHM=22.2nm

Render Index:Ra=81.3

R1 =79 R2 =84 R3 =89 R4 =83 R5 =81 R6 =80 R7 =87

R8 =69 R9 =1 R10=63 R11=83 R12=63 R13=80 R14=94 R15=73

Photo Parameters:

Flux = 831.5 lm Eff. : 87.51 lm/W Fe = 2.662 W

Electrical parameters:

V = 229.97 V I = 0.04431 A P = 9.501 W PF = 0.9324

WHITE:ANSI_6500K

Status: Integral T = 40 ms Ip = 54468 (83%)

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

Number:99LED351M
Date:2018-11-26 15:40
Humidity:65.0%
Remarks:018V034B_5081