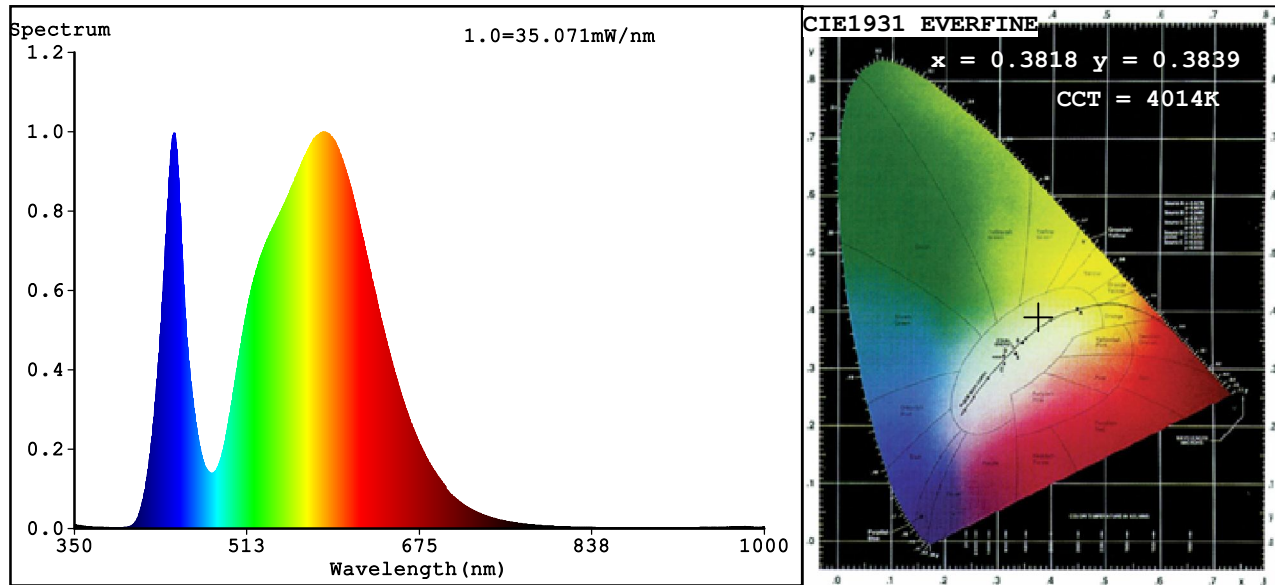


Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.3818$ $y=0.3839$ $u'=0.2232$ $v'=0.5049$

CCT=4014K (Duv=0.0029) Dominant WL:Ld =577.5nm Purity=29.8%

Ratio:R=16.7% G=81.0% B=2.4%;;Peak WL:Lp=584.5nm FWHM=132.4nm

Render Index:Ra=72.8

R1 =70 R2 =78 R3 =86 R4 =73 R5 =70 R6 =71 R7 =81

R8 =53 R9 =0 R10=50 R11=71 R12=49 R13=71 R14=92 R15=62

Photo Parameters:

Flux = 1971 lm Eff. : 79.92 lm/W Fe = 5.724 W

Electrical parameters:

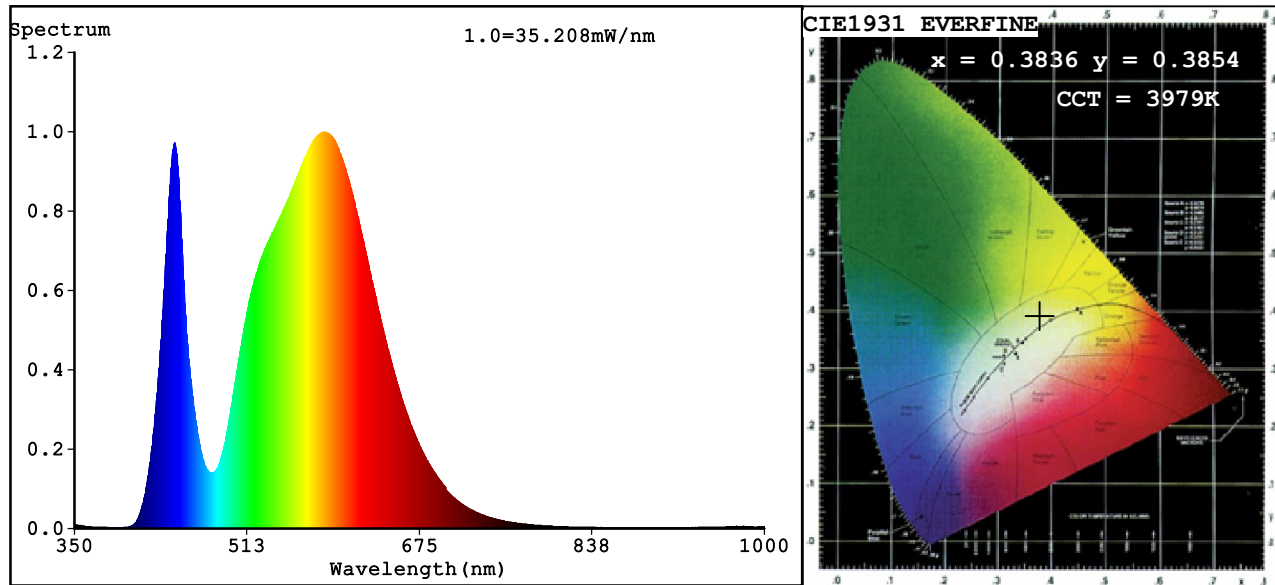
V = 229.96 V I = 0.1880 A P = 24.66 W PF = 0.5704

WHITE:ANSI_4000K

Status: Integral T = 26 ms Ip = 47569 (73%)

Model:LED TUBE T8/18W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99XLED448
Date:2017-10-24 15:50
Humidity:65.0%
Remarks:017A025_4052

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3836$ $y=0.3854$ $u'=0.2237$ $v'=0.5058$

CCT=3979K (Duv=0.0031) Dominant WL:Ld =577.6nm Purity=30.8%

Ratio:R=16.7% G=80.9% B=2.4%;;Peak WL:Lp=586.5nm FWHM=131.5nm

Render Index:Ra=72.7

R1 =69 R2 =78 R3 =87 R4 =73 R5 =70 R6 =71 R7 =81

R8 =52 R9 =0 R10=50 R11=70 R12=49 R13=71 R14=93 R15=62

Photo Parameters:

Flux = 1965 lm Eff. : 80.77 lm/W Fe = 5.678 W

Electrical parameters:

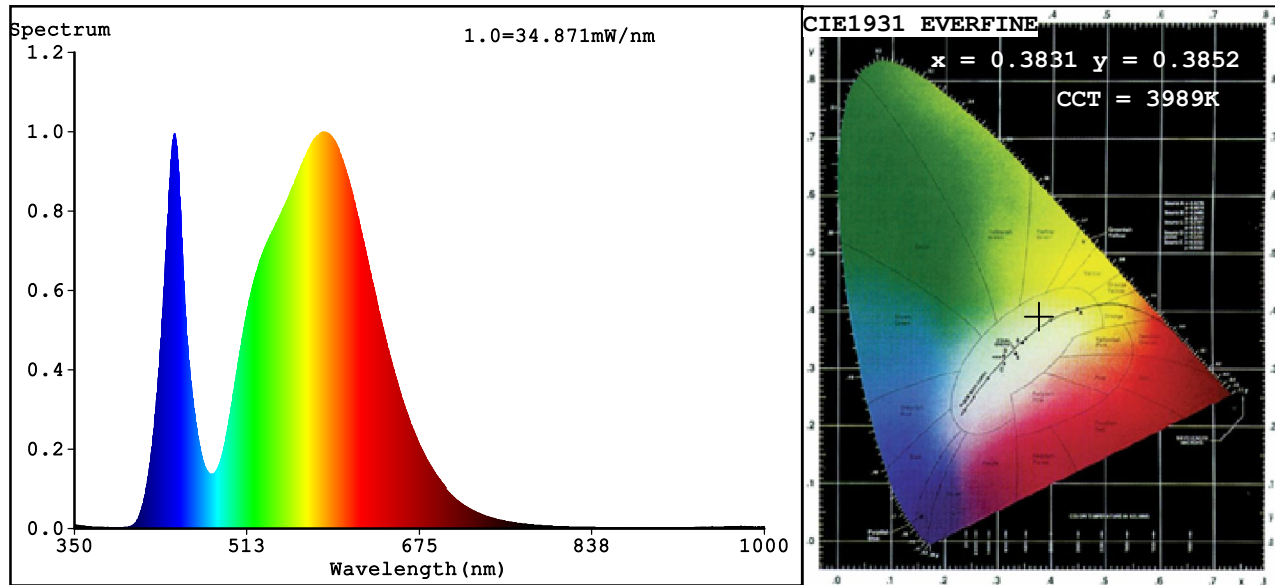
V = 229.95 V I = 0.1861 A P = 24.33 W PF = 0.5684

WHITE:ANSI_4000K

Status: Integral T = 26 ms Ip = 47667 (73%)

Model:LED TUBE T8/18W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED448
Date:2017-10-24 15:56
Humidity:65.0%
Remarks:017A025_4052

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.3831$ $y=0.3852$ $u'=0.2235$ $v'=0.5056$

CCT=3989K(Duv=0.0031) Dominant WL:Ld =577.6nm Purity=30.6%

Ratio:R=16.7% G=80.9% B=2.4%;;Peak WL:Lp=584.4nm FWHM=131.8nm

Render Index:Ra=72.7

R1 =69 R2 =78 R3 =87 R4 =73 R5 =70 R6 =71 R7 =81

R8 =53 R9 =0 R10=50 R11=70 R12=48 R13=71 R14=92 R15=62

Photo Parameters:

Flux = 1950 lm Eff. : 82.25 lm/W Fe = 5.639 W

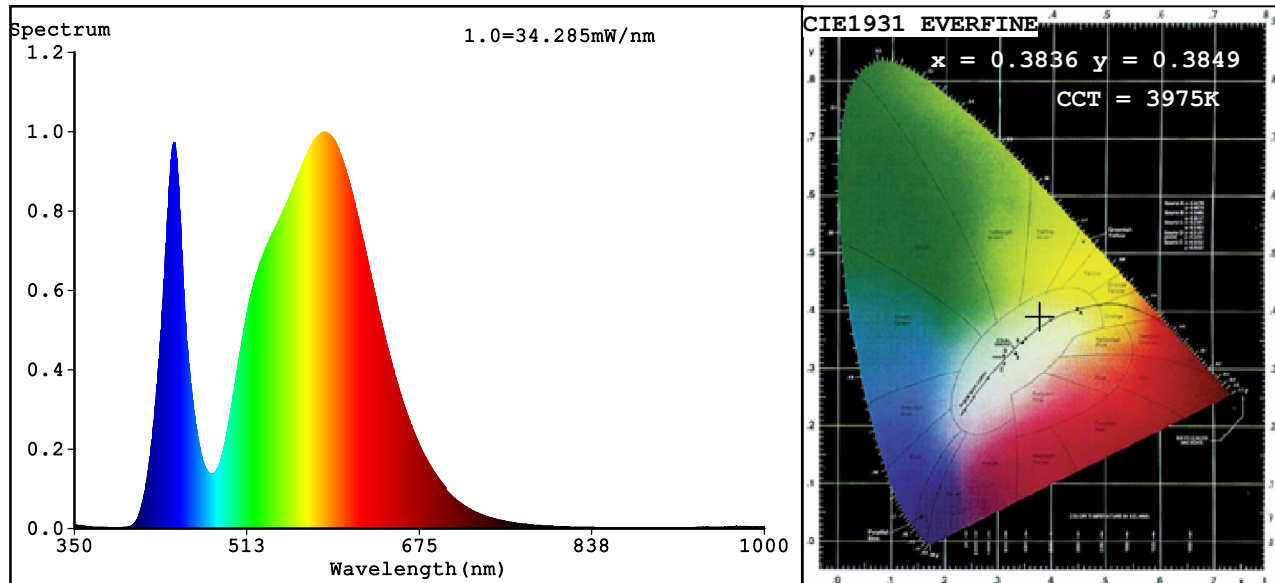
Electrical parameters:

V = 230.05 V I = 0.1817 A P = 23.71 W PF = 0.5671

WHITE:ANSI_4000K

Status: Integral T = 26 ms Ip = 47231 (72%)

Model:LED TUBE T8/18W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99XLED448
Date:2017-10-24 16:00
Humidity:65.0%
Remarks:017A025_4052

Spectrum Test Report**Color Parameters:**

Chromaticity Coordinate: $x=0.3836$ $y=0.3849$ $u'=0.2239$ $v'=0.5056$

CCT=3975K(Duv=0.0029) Dominant WL:Ld =577.7nm Purity=30.6%

Ratio:R=16.8% G=80.9% B=2.4%;;Peak WL:Lp=586.5nm FWHM=131.4nm

Render Index:Ra=72.7

R1 =69 R2 =78 R3 =87 R4 =73 R5 =70 R6 =71 R7 =81

R8 =52 R9 =0 R10=50 R11=70 R12=49 R13=71 R14=93 R15=62

Photo Parameters:

Flux = 1911 lm Eff. : 77.43 lm/W Fe = 5.533 W

Electrical parameters:

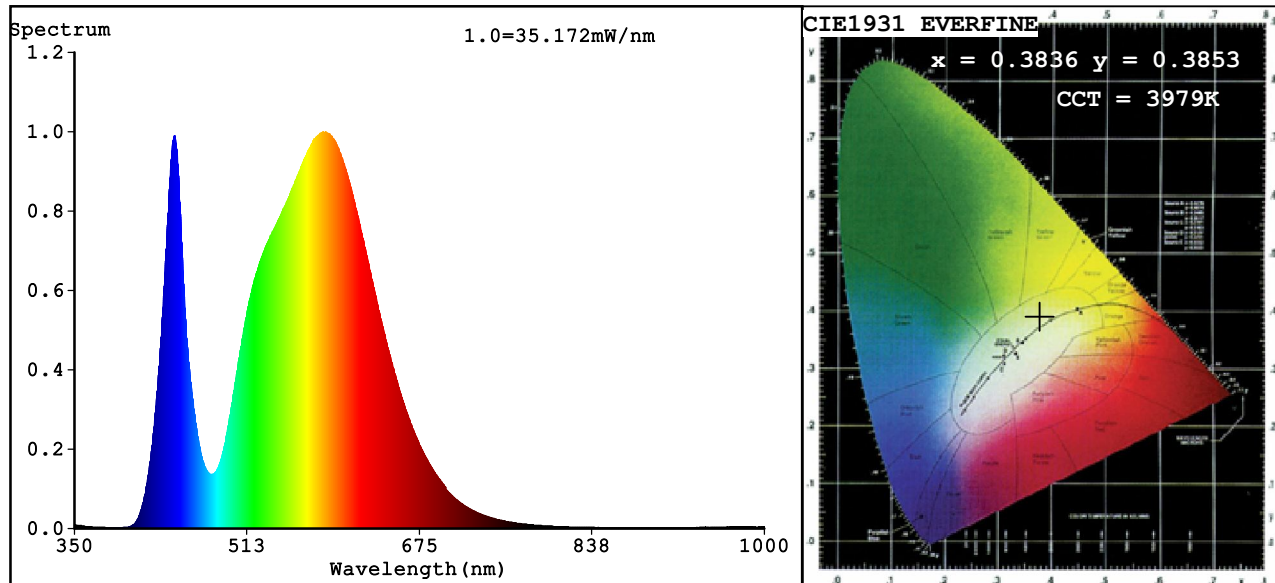
V = 230.05 V I = 0.1881 A P = 24.67 W PF = 0.5702

WHITE:ANSI_4000K

Status: Integral T = 26 ms Ip = 46368 (71%)

Model:LED TUBE T8/18W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED448
Date:2017-10-24 16:04
Humidity:65.0%
Remarks:017A025_4052

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.3836$ $y=0.3853$ $u'=0.2238$ $v'=0.5058$

CCT=3979K(Duv=0.0031) Dominant WL:Ld =577.6nm Purity=30.7%

Ratio:R=16.7% G=80.9% B=2.4%;;Peak WL:Lp=584.4nm FWHM=131.7nm

Render Index:Ra=72.7

R1 =69 R2 =78 R3 =87 R4 =73 R5 =70 R6 =71 R7 =81

R8 =53 R9 =0 R10=50 R11=70 R12=49 R13=71 R14=92 R15=62

Photo Parameters:

Flux = 1965 lm Eff. : 79.11 lm/W Fe = 5.684 W

Electrical parameters:

V = 230.04 V I = 0.1891 A P = 24.84 W PF = 0.5712

WHITE:ANSI_4000K

Status: Integral T = 26 ms Ip = 47628 (73%)

Model:LED TUBE T8/18W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99XLED448
Date:2017-10-24 16:07
Humidity:65.0%
Remarks:017A025_4052