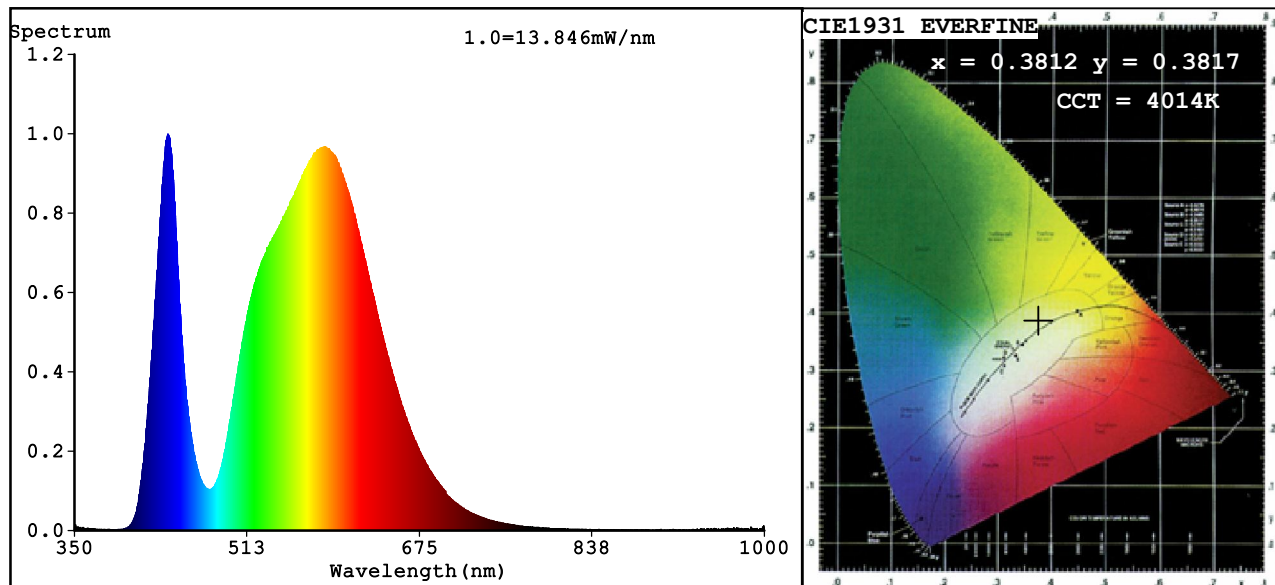


Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.3812$ $y=0.3817$ / $u'=0.2237$ $v'=0.5038$

CCT=4014K(Duv=0.0021) Dominant WL:Ld =577.9nm Purity=28.9%

Ratio:R=16.6% G=81.2% B=2.1%;;Peak WL:Lp=438.0nm FWHM=26.5nm

Render Index:Ra=71.6

R1 =69 R2 =76 R3 =84 R4 =73 R5 =70 R6 =69 R7 =79

R8 =53 R9 =0 R10=46 R11=72 R12=50 R13=69 R14=91 R15=61

Photo Parameters:

Flux = 752.0 lm Eff. : 79.95 lm/W Fe = 2.213 W

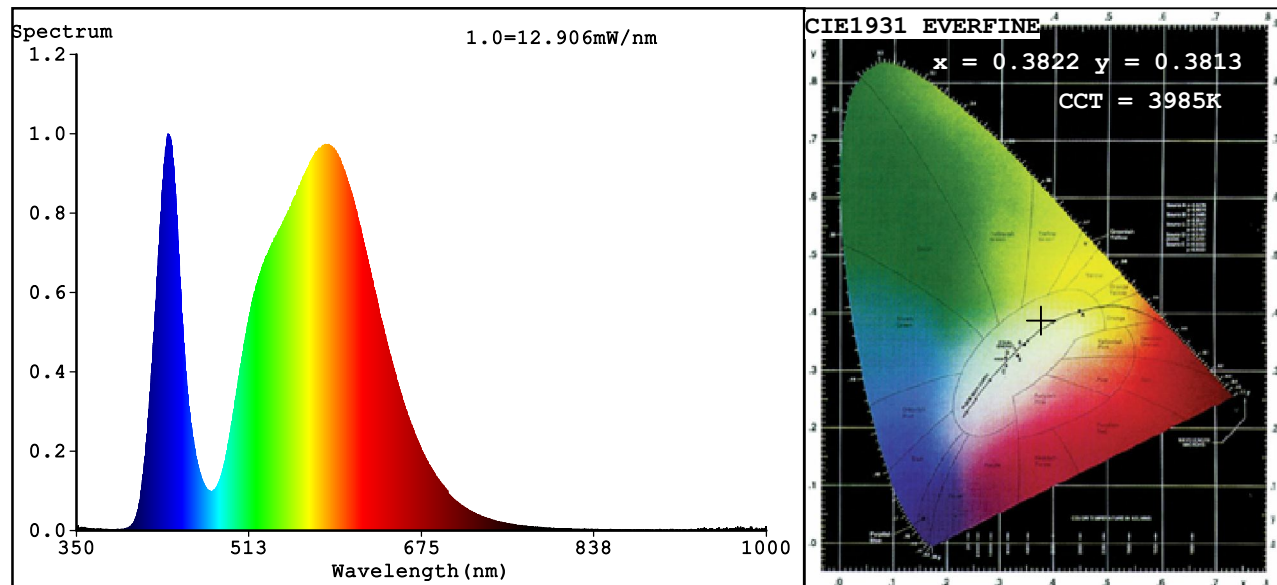
Electrical parameters:

V = 229.97 V I = 0.07523 A P = 9.406 W PF = 0.5437

WHITE:ANSI_4000K

Status: Integral T = 73 ms Ip = 50981 (78%)

Model:LED TUBE T8/9W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99XLED352
Date:2018-02-14 16:20
Humidity:65.0%
Remarks:017V055B_4288

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.3822$ $y=0.3813$ $u'=0.2245$ $v'=0.5038$

CCT=3985K(Duv=0.0016) Dominant WL:Ld =578.3nm Purity=29.1%

Ratio:R=16.7% G=81.2% B=2.1%;;Peak WL:Lp=436.3nm FWHM=27.2nm

Render Index:Ra=71.4

R1 =69 R2 =76 R3 =84 R4 =73 R5 =70 R6 =69 R7 =78

R8 =53 R9 =0 R10=46 R11=72 R12=49 R13=69 R14=91 R15=61

Photo Parameters:

Flux = 702.4 lm Eff. : 75.68 lm/W Fe = 2.074 W

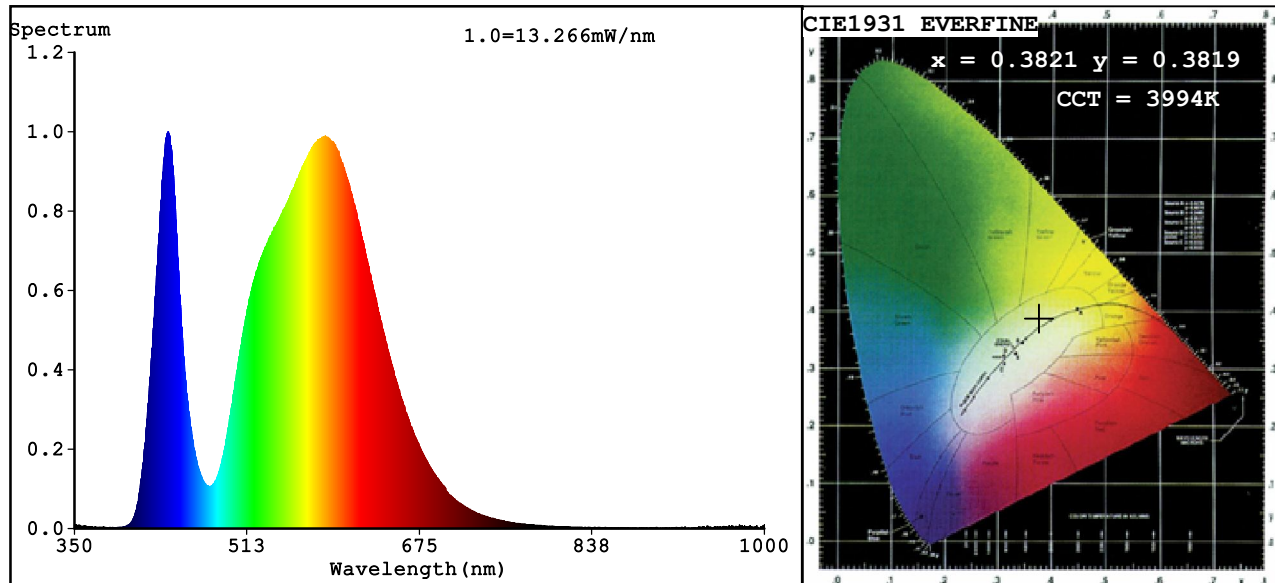
Electrical parameters:

V = 229.93 V I = 0.07464 A P = 9.281 W PF = 0.5408

WHITE:ANSI_4000K

Status: Integral T = 73 ms Ip = 47768 (73%)

Model:LED TUBE T8/9W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99XLED352
Date:2018-02-14 16:23
Humidity:65.0%
Remarks:017V055B_4288

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.3821$ $y=0.3819$ $u'=0.2241$ $v'=0.5041$

CCT=3994K (Duv=0.0019) Dominant WL:Ld =578.1nm Purity=29.3%

Ratio:R=16.7% G=81.1% B=2.1%;;Peak WL:Lp=438.3nm FWHM=26.9nm

Render Index:Ra=71.8

R1 =69 R2 =77 R3 =84 R4 =73 R5 =70 R6 =69 R7 =79

R8 =53 R9 =0 R10=47 R11=72 R12=50 R13=70 R14=91 R15=61

Photo Parameters:

Flux = 734.3 lm Eff. : 76.40 lm/W Fe = 2.160 W

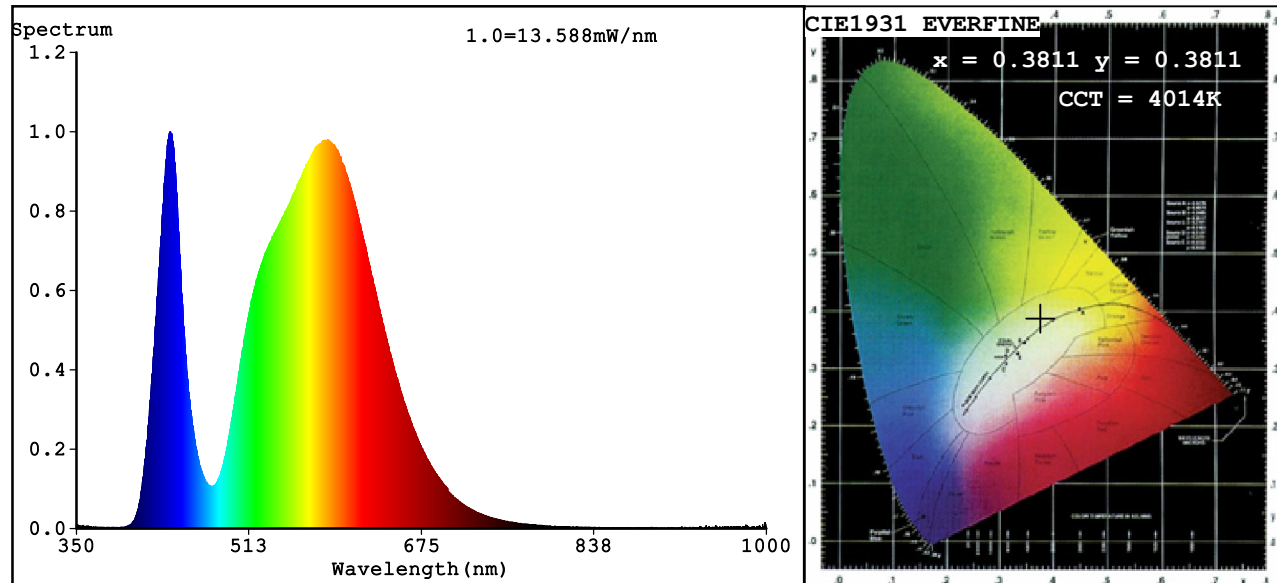
Electrical parameters:

V = 229.95 V I = 0.07641 A P = 9.610 W PF = 0.5470

WHITE:ANSI_4000K

Status: Integral T = 73 ms Ip = 49885 (76%)

Model:LED TUBE T8/9W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99XLED352
Date:2018-02-14 16:25
Humidity:65.0%
Remarks:017V055B_4288

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.3811$ $y=0.3811$ $u'=0.2238$ $v'=0.5036$

CCT=4014K(Duv=0.0019) Dominant WL:Ld =578.0nm Purity=28.7%

Ratio:R=16.6% G=81.2% B=2.2%;;Peak WL:Lp=438.4nm FWHM=27.1nm

Render Index:Ra=71.6

R1 =69 R2 =77 R3 =84 R4 =73 R5 =70 R6 =69 R7 =79

R8 =53 R9 =0 R10=46 R11=72 R12=50 R13=69 R14=91 R15=61

Photo Parameters:

Flux = 746.3 lm Eff. : 79.00 lm/W Fe = 2.199 W

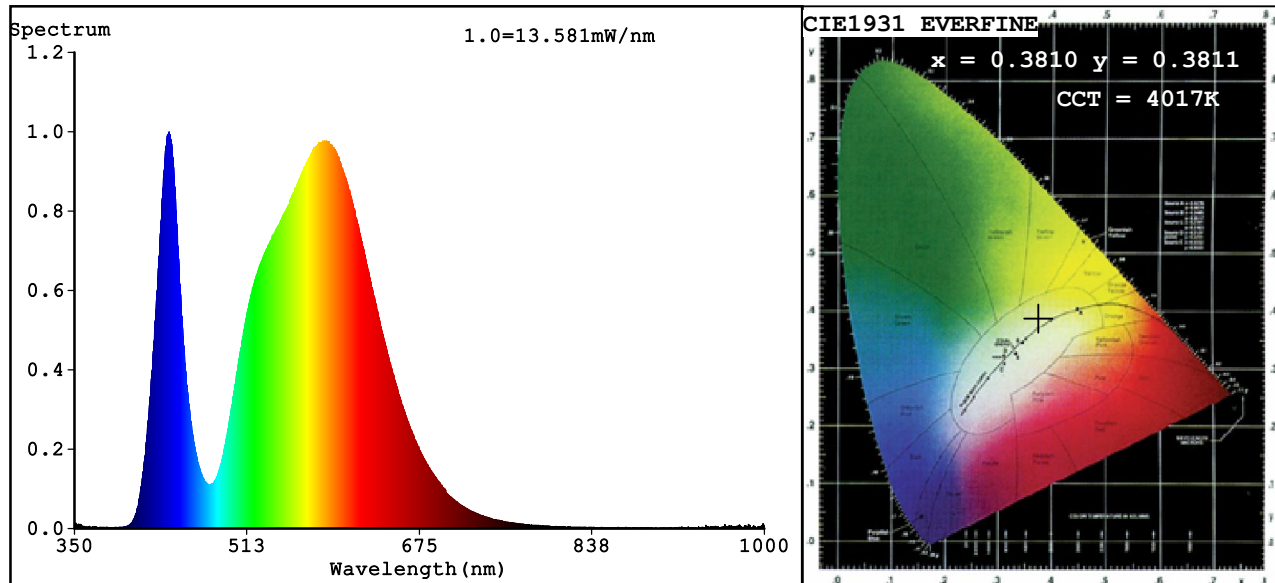
Electrical parameters:

V = 229.96 V I = 0.07516 A P = 9.447 W PF = 0.5466

WHITE:ANSI_4000K

Status: Integral T = 73 ms Ip = 50665 (77%)

Model:LED TUBE T8/9W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99XLED352
Date:2018-02-14 16:27
Humidity:65.0%
Remarks:017V055B_4288

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.3810$ $y=0.3811$ $u'=0.2238$ $v'=0.5036$

CCT=4017K(Duv=0.0019) Dominant WL:Ld =578.0nm Purity=28.7%

Ratio:R=16.6% G=81.2% B=2.2%;;Peak WL:Lp=439.0nm FWHM=26.3nm

Render Index:Ra=71.8

R1 =69 R2 =77 R3 =85 R4 =73 R5 =70 R6 =70 R7 =79

R8 =52 R9 =0 R10=47 R11=71 R12=50 R13=70 R14=91 R15=61

Photo Parameters:

Flux = 741.6 lm Eff. : 80.26 lm/W Fe = 2.173 W

Electrical parameters:

V = 229.97 V I = 0.07427 A P = 9.240 W PF = 0.5410

WHITE:ANSI_4000K

Status: Integral T = 73 ms Ip = 50485 (77%)

Model:LED TUBE T8/9W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99XLED352
Date:2018-02-14 16:55
Humidity:65.0%
Remarks:017V055B_4288