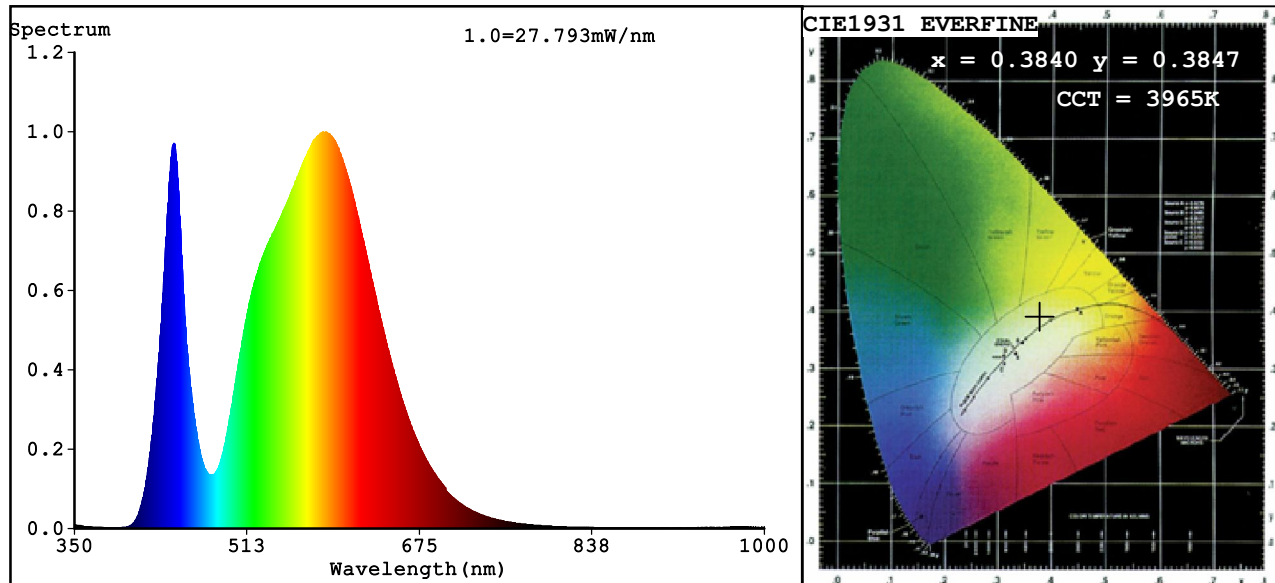


Spectrum Test Report**Color Parameters:**

Chromaticity Coordinate: $x=0.3840$ $y=0.3847$ $u'=0.2243$ $v'=0.5056$

CCT=3965K (Duv=0.0027) Dominant WL:Ld =577.9nm Purity=30.7%

Ratio:R=16.8% G=80.9% B=2.3%;;Peak WL:Lp=586.5nm FWHM=131.4nm

Render Index:Ra=72.6

R1 =69 R2 =78 R3 =87 R4 =73 R5 =70 R6 =71 R7 =80

R8 =52 R9 =0 R10=50 R11=70 R12=49 R13=70 R14=92 R15=62

Photo Parameters:

Flux = 1548 lm Eff. : 80.35 lm/W Fe = 4.481 W

Electrical parameters:

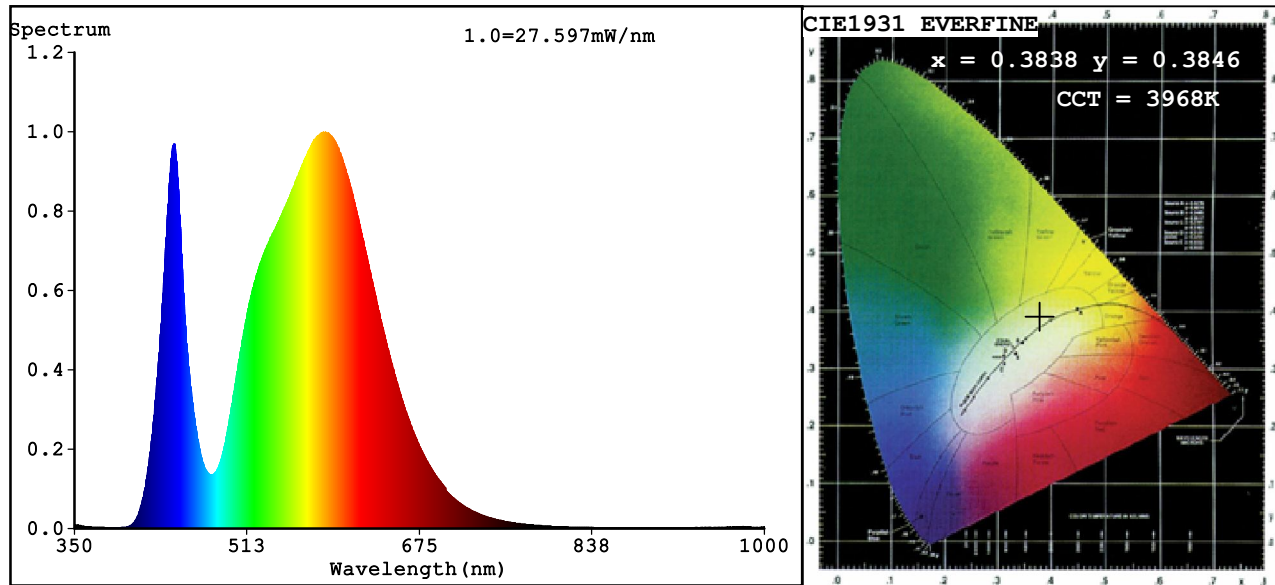
V = 230.01 V I = 0.1474 A P = 19.26 W PF = 0.5684

WHITE:ANSI_4000K

Status: Integral T = 26 ms Ip = 37607 (57%)

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

Number:99XLED355
Date:2017-10-24 15:26
Humidity:65.0%
Remarks:017A025_4052

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.3838$ $y=0.3846$ $u'=0.2242$ $v'=0.5055$

CCT=3968K(Duv=0.0027) Dominant WL:Ld =577.9nm Purity=30.6%

Ratio:R=16.8% G=80.9% B=2.3%;;Peak WL:Lp=584.5nm FWHM=131.4nm

Render Index:Ra=72.6

R1 =69 R2 =78 R3 =87 R4 =73 R5 =70 R6 =71 R7 =80

R8 =52 R9 =0 R10=50 R11=70 R12=49 R13=70 R14=92 R15=62

Photo Parameters:

Flux = 1537 lm Eff. : 81.22 lm/W Fe = 4.452 W

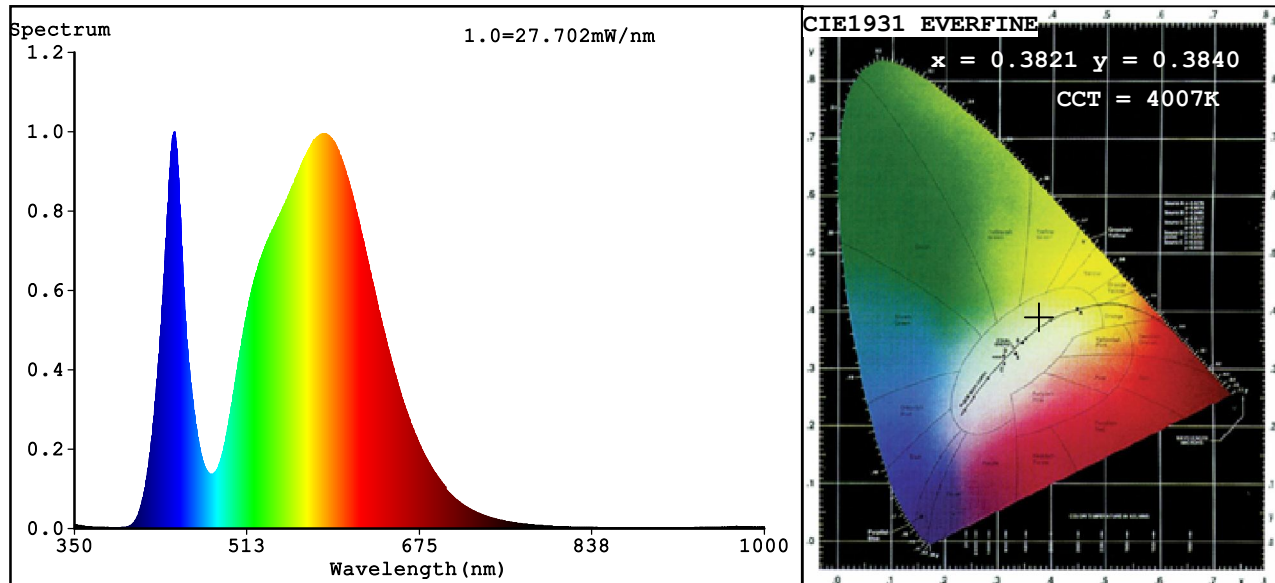
Electrical parameters:

V = 229.96 V I = 0.1449 A P = 18.93 W PF = 0.5682

WHITE:ANSI_4000K

Status: Integral T = 26 ms Ip = 37346 (57%)

Model:LED TUBE T8/18W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99XLED355
Date:2017-10-24 15:30
Humidity:65.0%
Remarks:017A025_4052

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.3821$ $y=0.3840$ $u'=0.2234$ $v'=0.5050$

CCT=4007K(Duv=0.0029) Dominant WL:Ld =577.6nm Purity=29.9%

Ratio:R=16.7% G=81.0% B=2.4%;;Peak WL:Lp=444.5nm FWHM=23.9nm

Render Index:Ra=72.7

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

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

Photo Parameters:

Flux = 1550 lm Eff. : 80.84 lm/W Fe = 4.499 W

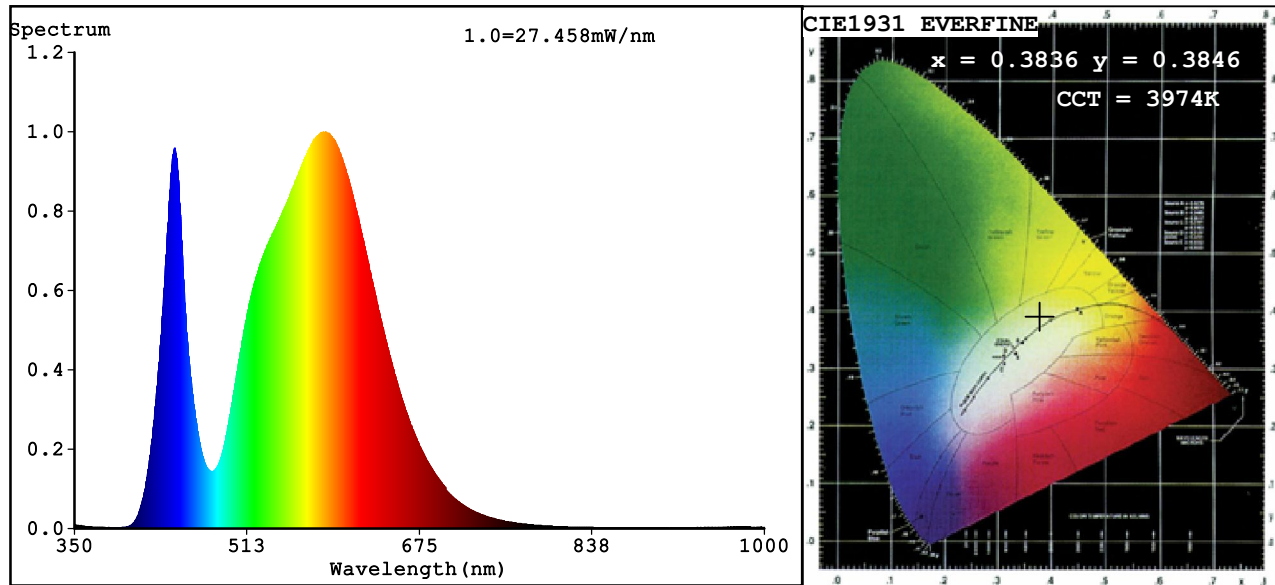
Electrical parameters:

V = 229.95 V I = 0.1454 A P = 19.17 W PF = 0.5732

WHITE:ANSI_4000K

Status: Integral T = 26 ms Ip = 37429 (57%)

Model:LED TUBE T8/18W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99XLED355
Date:2017-10-24 15:33
Humidity:65.0%
Remarks:017A025_4052

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.3836$ $y=0.3846$ / $u'=0.2241$ $v'=0.5054$

CCT=3974K(Duv=0.0027) Dominant WL:Ld =577.8nm Purity=30.5%

Ratio:R=16.8% G=80.8% B=2.4%;;Peak WL:Lp=584.5nm FWHM=131.4nm

Render Index:Ra=72.8

R1 =70 R2 =79 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 = 1530 lm Eff. : 79.42 lm/W Fe = 4.434 W

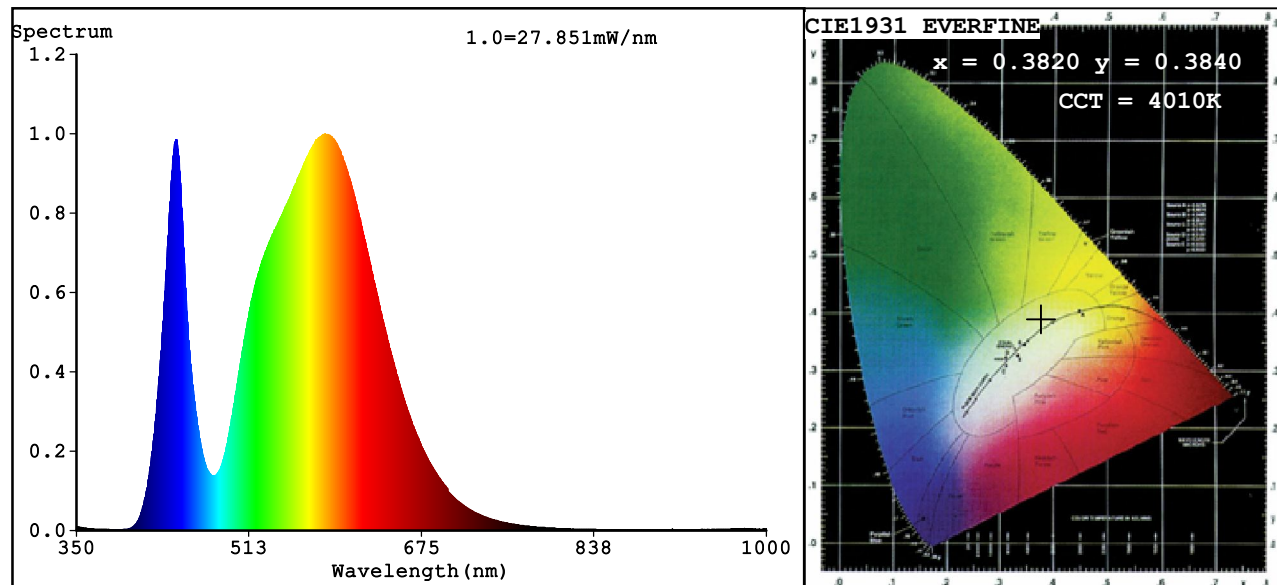
Electrical parameters:

V = 229.92 V I = 0.1474 A P = 19.27 W PF = 0.5686

WHITE:ANSI_4000K

Status: Integral T = 26 ms Ip = 37168 (57%)

Model:LED TUBE T8/18W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99XLED355
Date:2017-10-24 15:37
Humidity:65.0%
Remarks:017A025_4052

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.3820$ $y=0.3840$ $u'=0.2233$ $v'=0.5050$

CCT=4010K(Duv=0.0029) Dominant WL:Ld =577.5nm Purity=29.9%

Ratio:R=16.7% G=81.0% B=2.4%;;Peak WL:Lp=584.4nm FWHM=132.3nm

Render Index:Ra=72.6

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

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

Photo Parameters:

Flux = 1565 lm Eff. : 80.22 lm/W Fe = 4.546 W

Electrical parameters:

V = 229.96 V I = 0.1482 A P = 19.51 W PF = 0.5723

WHITE:ANSI_4000K

Status: Integral T = 26 ms Ip = 37785 (58%)

Model:LED TUBE T8/18W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99XLED355
Date:2017-10-24 15:41
Humidity:65.0%
Remarks:017A025_4052