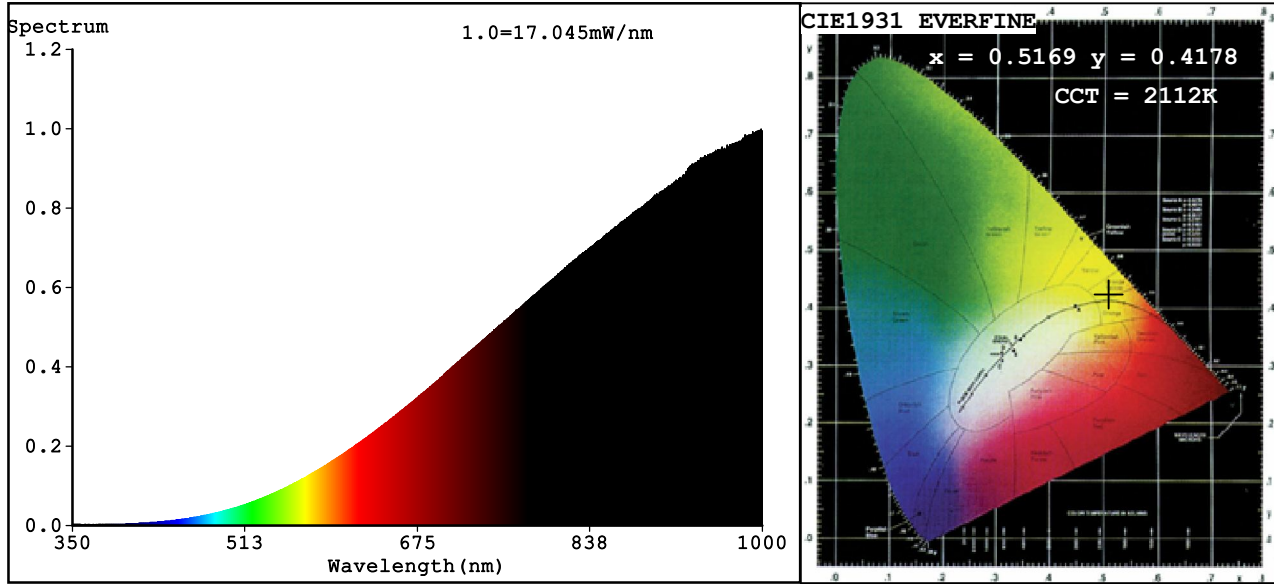


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.5169$   $y=0.4178$  /  $u'=0.2963$   $v'=0.5387$   
 CCT=2112K (Duv=0.0010) Dominant WL:Ld =587.7nm Purity=80.6%  
 Ratio:R=32.6% G=65.8% B=1.7%;; Peak WL:Lp=998.8nm FWHM=250.7nm  
 Render Index:Ra=98.5  
 R1 =98    R2 =99    R3 =99    R4 =98    R5 =98    R6 =98    R7 =99  
 R8 =98    R9 =95    R10=97    R11=98    R12=96    R13=98    R14=99    R15=98

**Photo Parameters:**

Flux = 145.0 lm    Eff. : 3.86 lm/W    Fe = 4.323 W

**Electrical parameters:**

V = 229.85 V    I = 0.1634 A    P = 37.55 W PF = 1.000

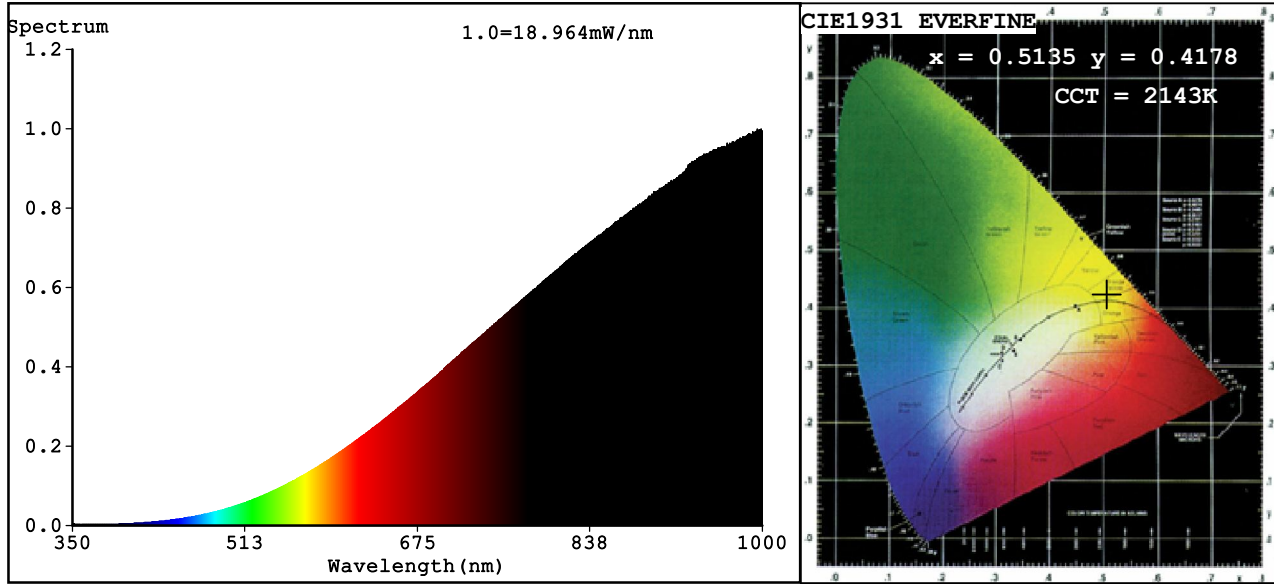
WHITE:OUT

Status: Integral T = 169 ms    Ip = 47621 (73%)

Model:Vintage lamp/40W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99789  
 Date:2017-12-18 12:46  
 Humidity:65.0%  
 Remarks:016V057B\_3554

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.5135$   $y=0.4178$  /  $u'=0.2940$   $v'=0.5382$   
CCT=2143K (Duv=0.0009) Dominant WL:Ld =587.4nm Purity=79.5%  
Ratio:R=32.2% G=66.1% B=1.7%;; Peak WL:Lp=998.8nm FWHM=256.3nm  
Render Index:Ra=98.6  
R1 =98    R2 =99    R3 =99    R4 =99    R5 =98    R6 =98    R7 =99  
R8 =98    R9 =95    R10=97    R11=98    R12=96    R13=98    R14=100    R15=98

**Photo Parameters:**

Flux = 171.9 lm    Eff. : 4.19 lm/W    Fe = 4.912 W

**Electrical parameters:**

V = 229.85 V    I = 0.1784 A    P = 41.01 W PF = 1.000

WHITE:OUT

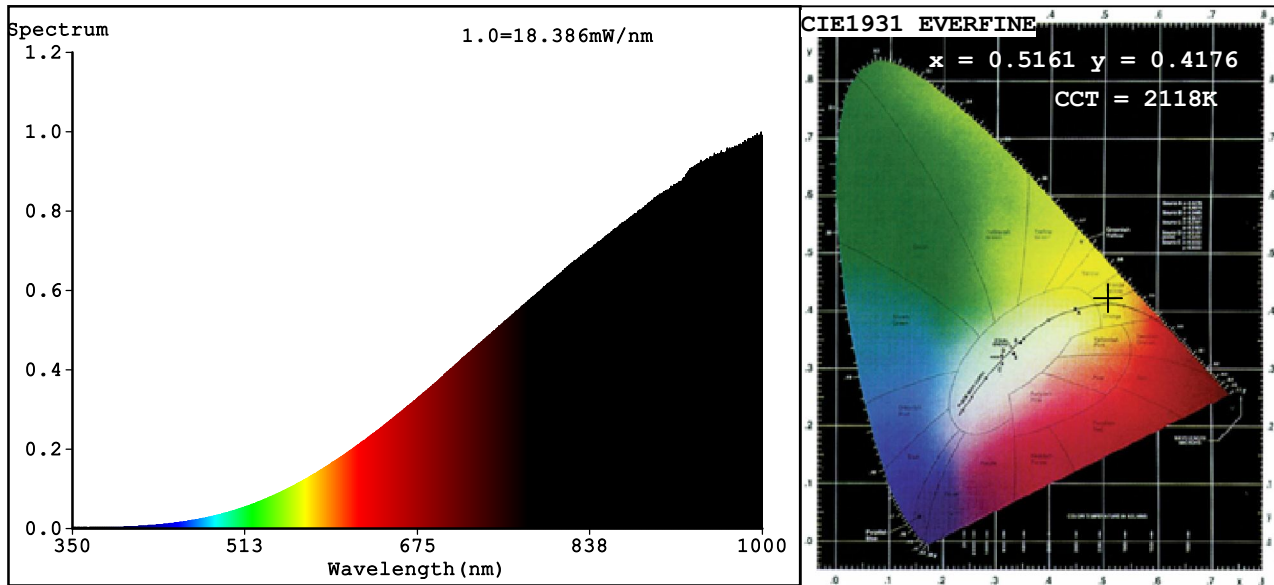
Status: Integral T = 140 ms    Ip = 45268 (69%)

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Model:Vintage lamp/40W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:99789  
Date:2017-12-18 12:50  
Humidity:65.0%  
Remarks:016V057B\_3554

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.5161$   $y=0.4176$   $u'=0.2958$   $v'=0.5385$

CCT=2118K (Duv=0.0009) Dominant WL:Ld =587.6nm Purity=80.3%

Ratio:R=32.5% G=65.8% B=1.7%;; Peak WL:Lp=998.8nm FWHM=254.0nm

Render Index:Ra=98.6

R1 =98	R2 =99	R3 =99	R4 =98	R5 =98	R6 =98	R7 =99	
R8 =98	R9 =95	R10=97	R11=98	R12=96	R13=98	R14=99	R15=98

**Photo Parameters:**

Flux = 159.7 lm Eff. : 4.00 lm/W Fe = 4.694 W

**Electrical parameters:**

V = 229.83 V I = 0.1736 A P = 39.89 W PF = 1.000

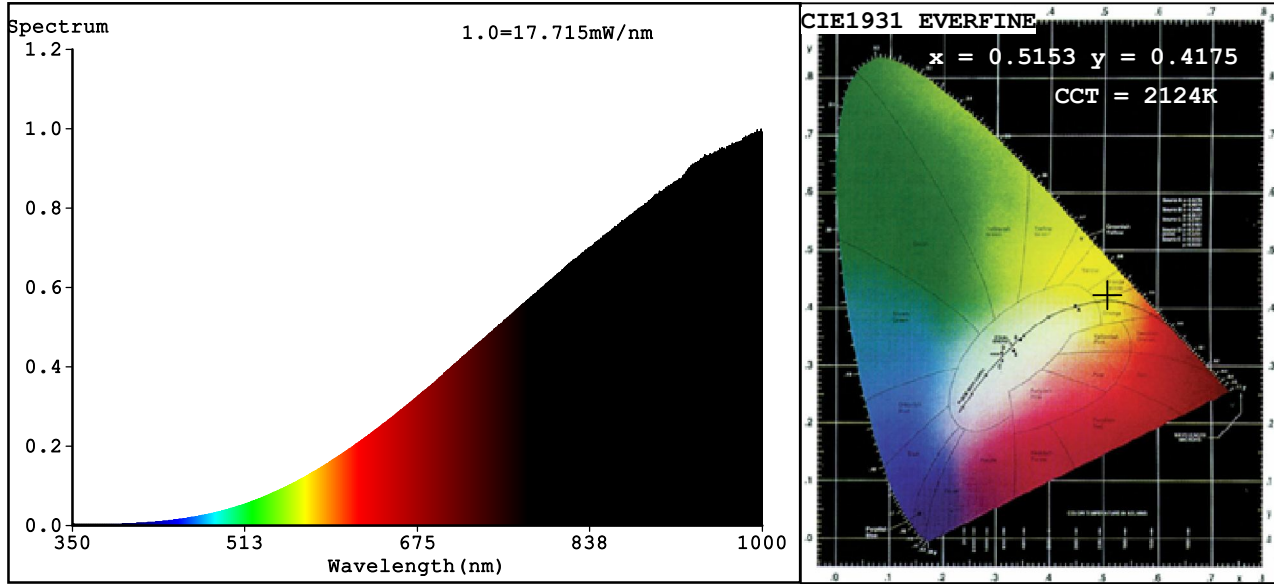
WHITE:OUT

Status: Integral T = 140 ms Ip = 43122 (66%)

Model:Vintage lamp/40W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:99789  
Date:2017-12-18 12:53  
Humidity:65.0%  
Remarks:016V057B\_3554

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.5153$   $y=0.4175$   $u'=0.2954$   $v'=0.5384$

CCT=2124K(Duv=0.0008) Dominant WL:Ld =587.6nm Purity=80.0%

Ratio:R=32.4% G=65.9% B=1.7%;;Peak WL:Lp=998.8nm FWHM=251.9nm

Render Index:Ra=98.7

R1 =99	R2 =99	R3 =99	R4 =98	R5 =98	R6 =98	R7 =99	
R8 =98	R9 =96	R10=98	R11=98	R12=97	R13=99	R14=100	R15=98

**Photo Parameters:**

Flux = 152.7 lm Eff. : 3.95 lm/W Fe = 4.504 W

**Electrical parameters:**

V = 229.84 V I = 0.1682 A P = 38.66 W PF = 1.000

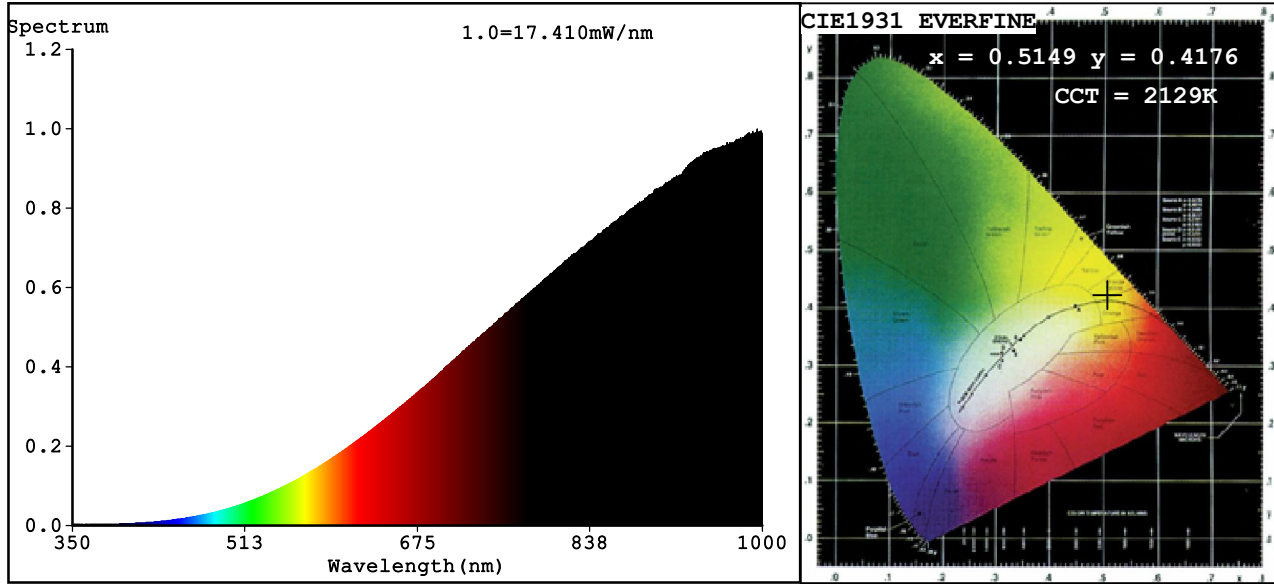
WHITE:OUT

Status: Integral T = 140 ms Ip = 41125 (63%)

Model:Vintage lamp/40W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:99789  
Date:2017-12-18 12:54  
Humidity:65.0%  
Remarks:016V057B\_3554

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.5149$   $y=0.4176$   $u'=0.2950$   $v'=0.5383$

CCT=2129K (Duv=0.0009) Dominant WL:Ld =587.5nm Purity=79.9%

Ratio:R=32.3% G=65.9% B=1.7%;; Peak WL:Lp=995.2nm FWHM=257.2nm

Render Index:Ra=98.6

R1 =98	R2 =99	R3 =99	R4 =99	R5 =98	R6 =98	R7 =99	
R8 =98	R9 =96	R10=97	R11=98	R12=96	R13=98	R14=100	R15=98

**Photo Parameters:**

Flux = 155.4 lm Eff. : 4.01 lm/W Fe = 4.512 W

**Electrical parameters:**

V = 229.77 V I = 0.1688 A P = 38.79 W PF = 1.000

WHITE:OUT

Status: Integral T = 172 ms Ip = 51082 (78%)

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Model:Vintage lamp/40W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:99789  
Date:2017-12-19 09:39  
Humidity:65.0%  
Remarks:016V057B\_3554