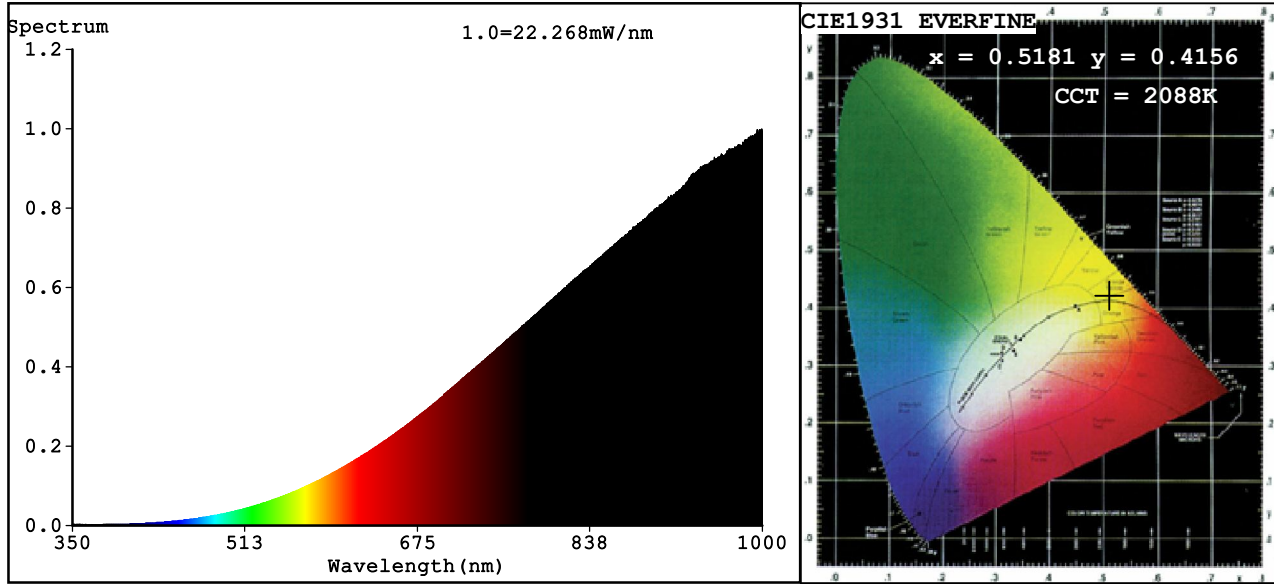


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5181$ $y=0.4156$ $u'=0.2981$ $v'=0.5381$
 CCT=2088K(Duv=0.0004) Dominant WL:Ld =588.0nm Purity=80.2%
 Ratio:R=33.0% G=65.3% B=1.7%;;Peak WL:Lp=999.4nm FWHM=228.3nm
 Render Index:Ra=99.5
 R1 =99 R2 =99 R3 =100 R4 =100 R5 =99 R6 =99 R7 =100
 R8 =99 R9 =98 R10=99 R11=99 R12=99 R13=99 R14=100 R15=99

Photo Parameters:

Flux = 154.0 lm Eff. : 2.48 lm/W Fe = 5.246 W

Electrical parameters:

V = 229.85 V I = 0.2702 A P = 62.11 W PF = 1.000

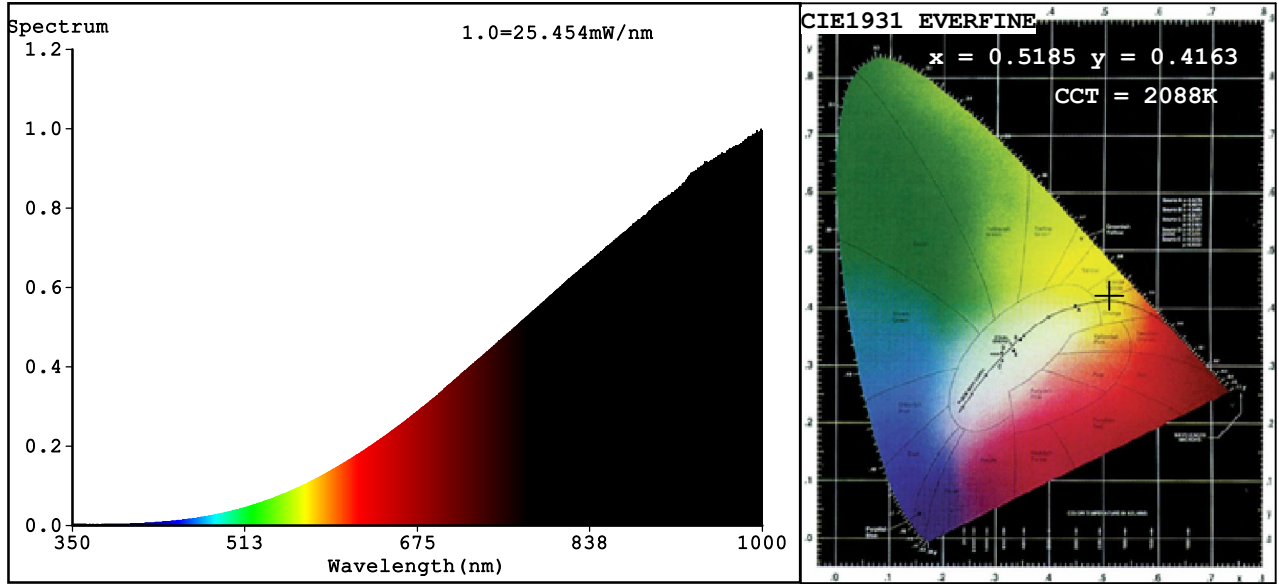
WHITE:OUT

Status: Integral T = 109 ms Ip = 35735 (55%)

Model:Vintage lamp 030/60W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99793
 Date:2018-03-27 12:54
 Humidity:65.0%
 Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5185$ $y=0.4163$ $u'=0.2981$ $v'=0.5384$
 CCT=2088K(Duv=0.0006) Dominant WL:Ld =588.0nm Purity=80.6%
 Ratio:R=33.0% G=65.4% B=1.7%;;Peak WL:Lp=998.8nm FWHM=234.2nm
 Render Index:Ra=99.1

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

Photo Parameters:

Flux = 186.3 lm Eff. : 3.08 lm/W Fe = 6.114 W

Electrical parameters:

V = 229.90 V I = 0.2631 A P = 60.49 W PF = 1.000

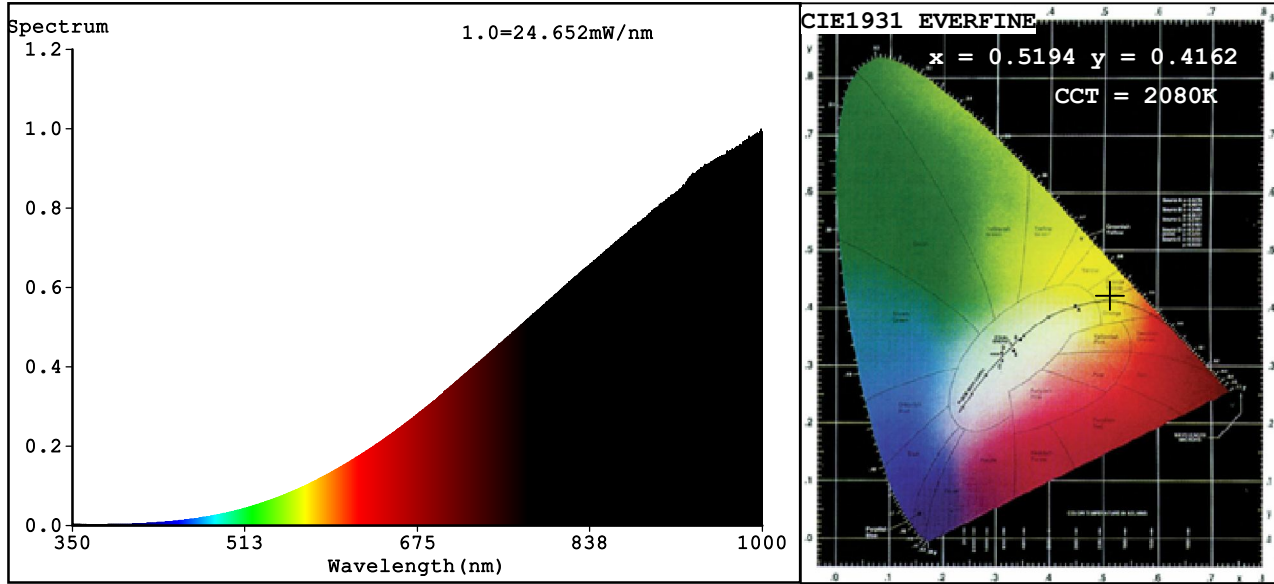
WHITE:OUT

Status: Integral T = 93 ms Ip = 35961 (55%)

Model:Vintage lamp 030/60W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99793
 Date:2018-03-27 13:06
 Humidity:65.0%
 Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5194$ $y=0.4162$ / $u'=0.2987$ $v'=0.5385$
CCT=2080K(Duv=0.0006) Dominant WL:Ld =588.0nm Purity=80.8%
Ratio:R=33.1% G=65.3% B=1.6%;;Peak WL:Lp=998.8nm FWHM=231.2nm
Render Index:Ra=99.1
R1 =99 R2 =99 R3 =99 R4 =99 R5 =99 R6 =99 R7 =100
R8 =99 R9 =97 R10=98 R11=99 R12=98 R13=99 R14=100 R15=99

Photo Parameters:

Flux = 174.7 lm Eff. : 2.87 lm/W Fe = 5.850 W

Electrical parameters:

V = 229.83 V I = 0.2645 A P = 60.79 W PF = 1.000

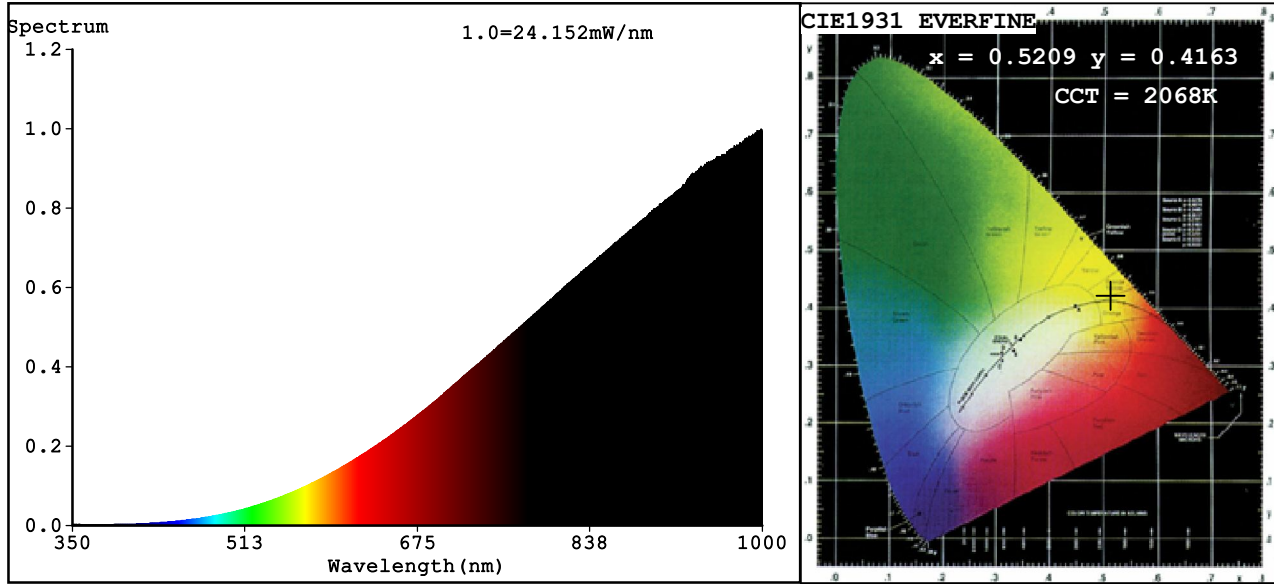
WHITE:OUT

Status: Integral T = 93 ms Ip = 34199 (52%)

Model:Vintage lamp 030/60W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99793
Date:2018-03-27 13:08
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5209$ $y=0.4163$ $u'=0.2996$ $v'=0.5388$
 CCT=2068K(Duv=0.0007) Dominant WL:Ld =588.1nm Purity=81.3%
 Ratio:R=33.2% G=65.2% B=1.6%;;Peak WL:Lp=998.8nm FWHM=229.3nm
 Render Index:Ra=99.0
 R1 =99 R2 =99 R3 =99 R4 =99 R5 =99 R6 =99 R7 =100
 R8 =99 R9 =97 R10=98 R11=99 R12=97 R13=99 R14=100 R15=99

Photo Parameters:

Flux = 168.1 lm Eff. : 2.77 lm/W Fe = 5.715 W

Electrical parameters:

V = 229.79 V I = 0.2642 A P = 60.71 W PF = 1.000

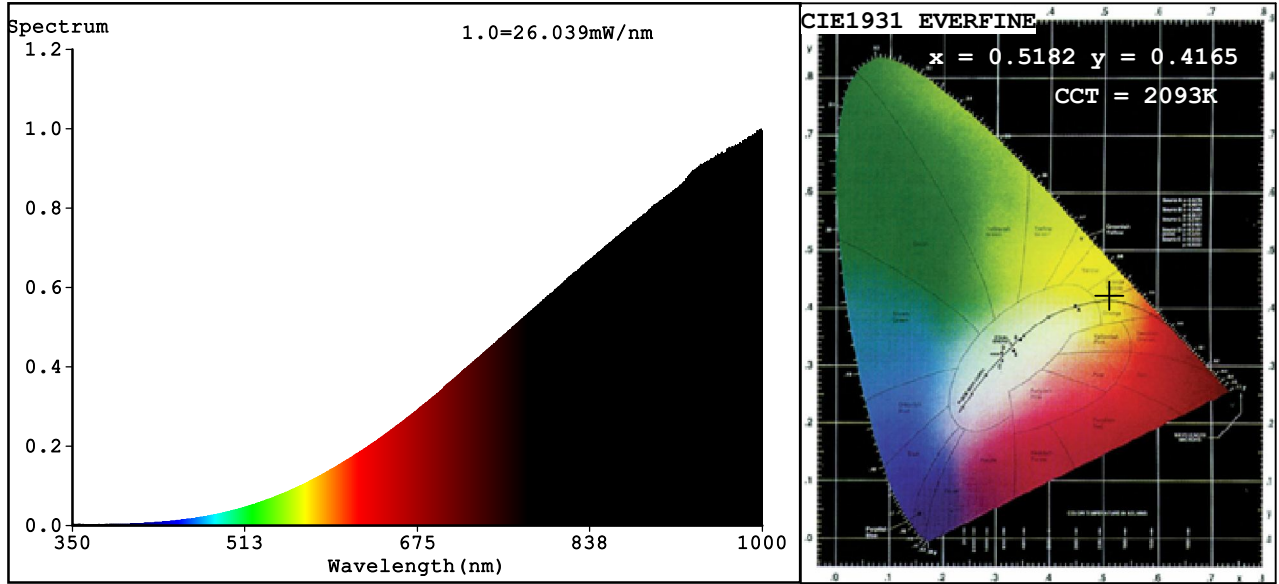
WHITE:OUT

Status: Integral T = 127 ms Ip = 45529 (69%)

Model:Vintage lamp 030/60W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99793
 Date:2018-03-27 13:15
 Humidity:65.0%
 Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5182$ $y=0.4165$ $u'=0.2977$ $v'=0.5384$
 CCT=2093K(Duv=0.0006) Dominant WL:Ld =587.9nm Purity=80.6%
 Ratio:R=32.9% G=65.4% B=1.7%;;Peak WL:Lp=998.8nm FWHM=236.4nm
 Render Index:Ra=99.0
 R1 =99 R2 =99 R3 =99 R4 =99 R5 =99 R6 =99 R7 =100
 R8 =98 R9 =97 R10=98 R11=99 R12=97 R13=99 R14=100 R15=99

Photo Parameters:

Flux = 194.2 lm Eff. : 3.16 lm/W Fe = 6.297 W

Electrical parameters:

V = 229.87 V I = 0.2670 A P = 61.38 W PF = 1.000

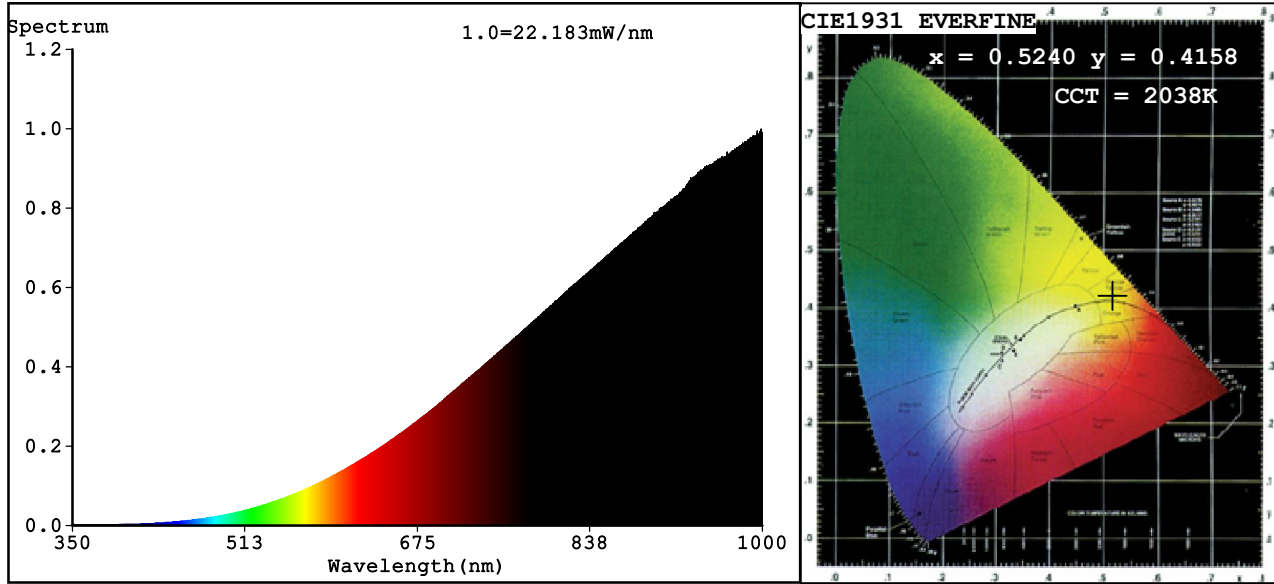
WHITE:OUT

Status: Integral T = 127 ms Ip = 50796 (78%)

Model:Vintage lamp 030/60W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99793
 Date:2018-03-27 13:19
 Humidity:65.0%
 Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5240$ $y=0.4158$ $u'=0.3020$ $v'=0.5391$
 CCT=2038K(Duv=0.0006) Dominant WL:Ld =588.4nm Purity=82.1%
 Ratio:R=33.7% G=64.7% B=1.6%;;Peak WL:Lp=998.8nm FWHM=223.4nm
 Render Index:Ra=99.0
 R1 =99 R2 =99 R3 =99 R4 =99 R5 =99 R6 =99 R7 =100
 R8 =99 R9 =97 R10=98 R11=99 R12=97 R13=99 R14=100 R15=99

Photo Parameters:

Flux = 143.0 lm Eff. : 2.35 lm/W Fe = 5.118 W

Electrical parameters:

V = 229.78 V I = 0.2650 A P = 60.88 W PF = 1.000

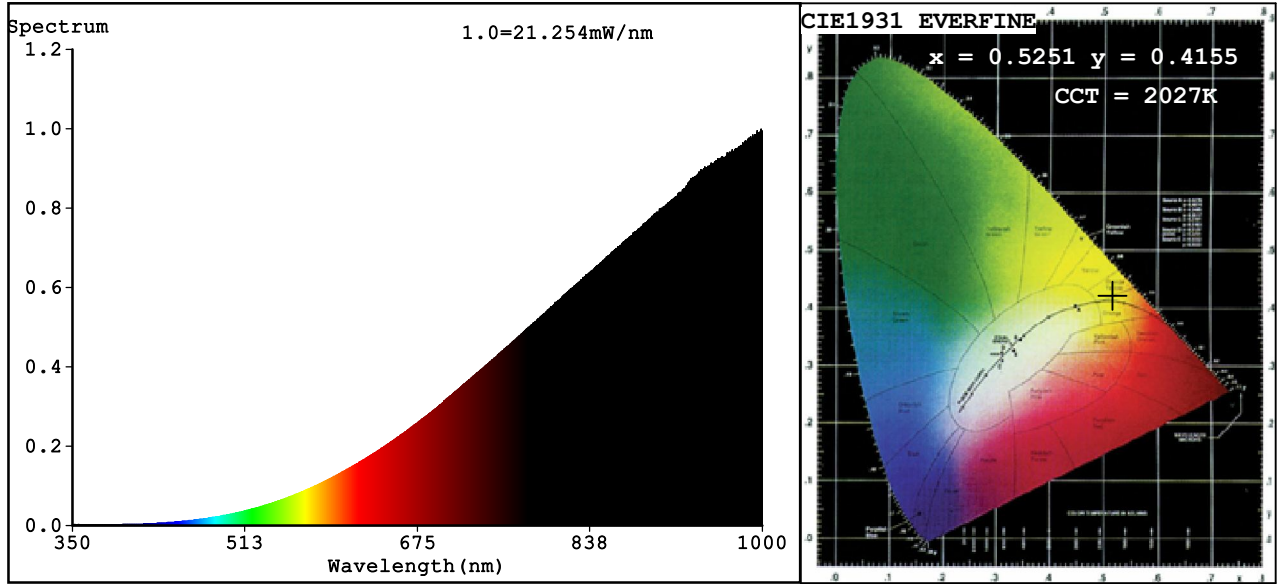
WHITE:OUT

Status: Integral T = 125 ms Ip = 39656 (61%)

Model:Vintage lamp 030/60W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99793
 Date:2018-03-27 13:38
 Humidity:65.0%
 Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5251$ $y=0.4155$ $u'=0.3028$ $v'=0.5391$
 CCT=2027K(Duv=0.0006) Dominant WL:Ld =588.5nm Purity=82.3%
 Ratio:R=33.9% G=64.6% B=1.5%;;Peak WL:Lp=998.8nm FWHM=220.9nm
 Render Index:Ra=99.1
 R1 =99 R2 =99 R3 =100 R4 =99 R5 =99 R6 =99 R7 =100
 R8 =99 R9 =97 R10=98 R11=99 R12=98 R13=99 R14=100 R15=99

Photo Parameters:

Flux = 133.4 lm Eff. : 2.18 lm/W Fe = 4.874 W

Electrical parameters:

V = 229.78 V I = 0.2669 A P = 61.33 W PF = 1.000

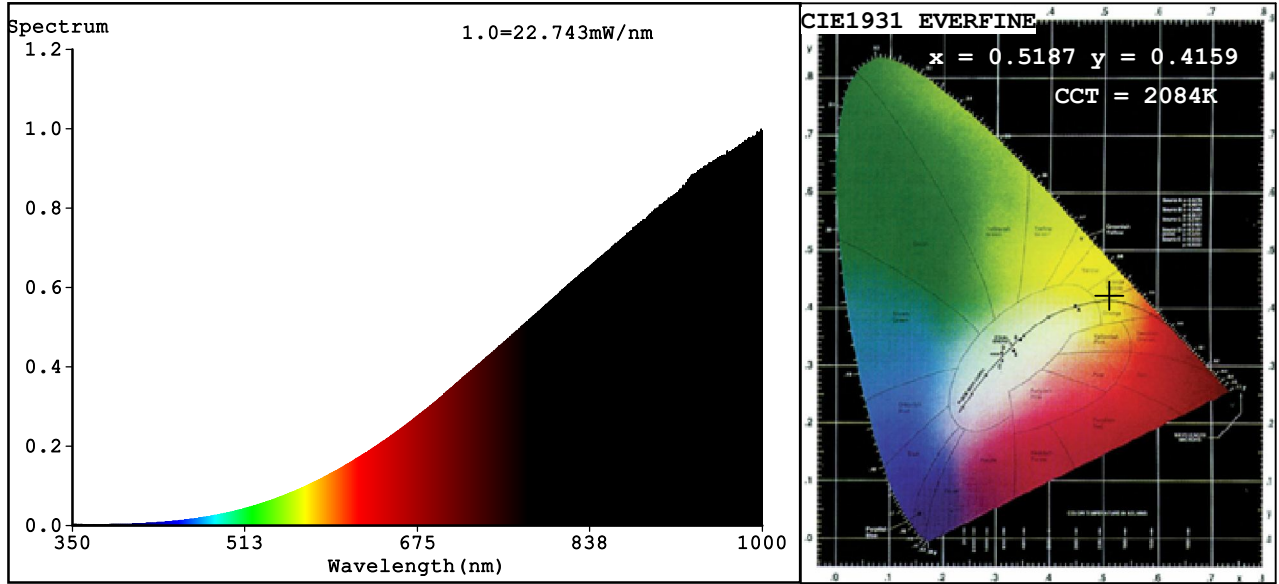
WHITE:OUT

Status: Integral T = 125 ms Ip = 37526 (57%)

Model:Vintage lamp 030/60W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99793
 Date:2018-03-27 13:39
 Humidity:65.0%
 Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5187$ $y=0.4159$ $u'=0.2984$ $v'=0.5383$

CCT=2084K (Duv=0.0005) Dominant WL:Ld =588.0nm Purity=80.5%

Ratio:R=33.0% G=65.3% B=1.7%;; Peak WL:Lp=998.8nm FWHM=229.1nm

Render Index:Ra=99.3

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

Photo Parameters:

Flux = 158.2 lm Eff. : 2.62 lm/W Fe = 5.361 W

Electrical parameters:

V = 229.80 V I = 0.2626 A P = 60.35 W PF = 1.000

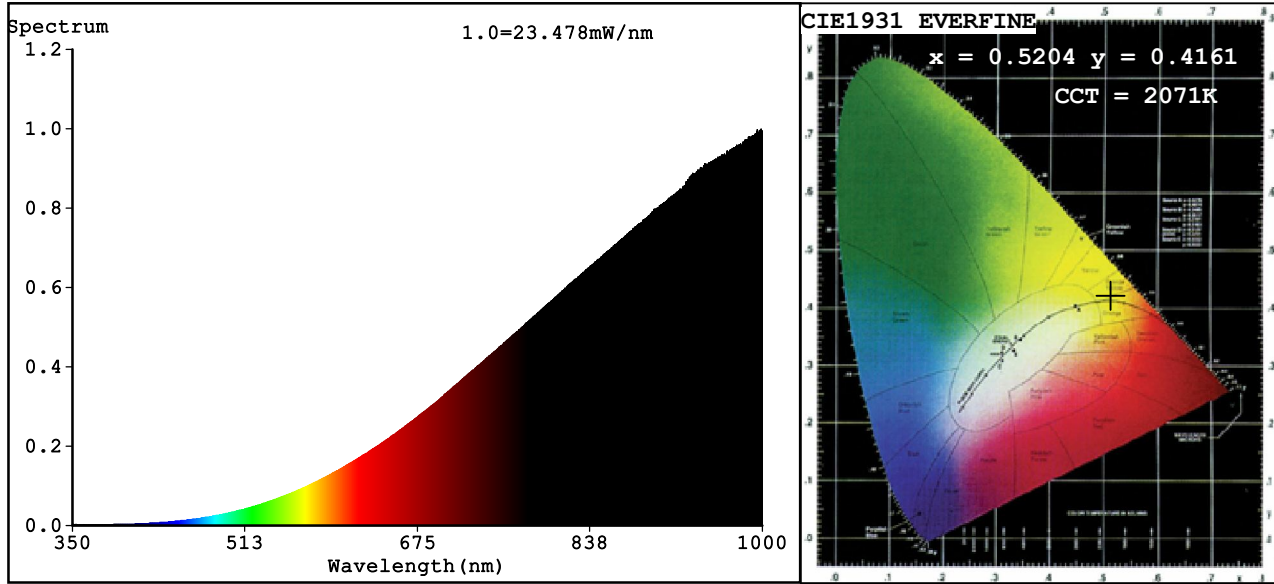
WHITE:OUT

Status: Integral T = 125 ms Ip = 41897 (64%)

Model:Vintage lamp 030/60W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99793
Date:2018-03-27 13:44
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5204$ $y=0.4161$ $u'=0.2994$ $v'=0.5387$
 CCT=2071K(Duv=0.0006) Dominant WL:Ld =588.1nm Purity=81.1%
 Ratio:R=33.2% G=65.2% B=1.6%;;Peak WL:Lp=998.8nm FWHM=227.1nm
 Render Index:Ra=99.1
 R1 =99 R2 =99 R3 =99 R4 =99 R5 =99 R6 =99 R7 =100
 R8 =99 R9 =97 R10=98 R11=99 R12=98 R13=99 R14=100 R15=99

Photo Parameters:

Flux = 160.9 lm Eff. : 2.64 lm/W Fe = 5.518 W

Electrical parameters:

V = 229.76 V I = 0.2656 A P = 61.03 W PF = 1.000

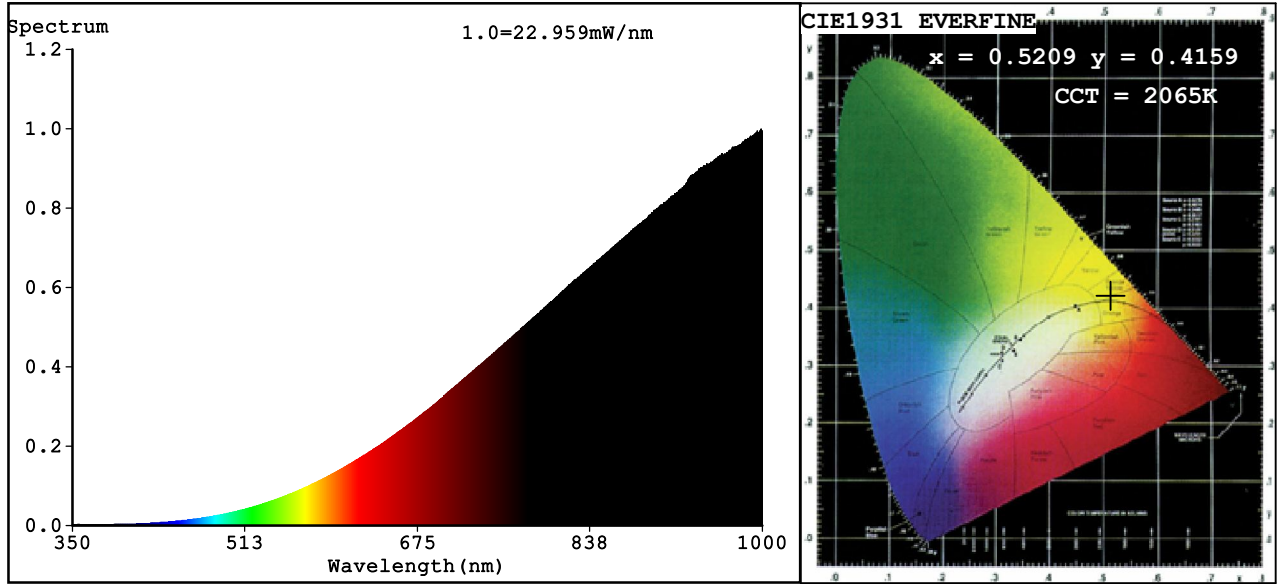
WHITE:OUT

Status: Integral T = 125 ms Ip = 43033 (66%)

Model:Vintage lamp 030/60W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99793
 Date:2018-03-27 13:53
 Humidity:65.0%
 Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5209$ $y=0.4159$ $u'=0.2998$ $v'=0.5387$
 CCT=2065K(Duv=0.0005) Dominant WL:Ld =588.2nm Purity=81.2%
 Ratio:R=33.3% G=65.1% B=1.6%;;Peak WL:Lp=998.8nm FWHM=226.9nm
 Render Index:Ra=99.2
 R1 =99 R2 =99 R3 =100 R4 =99 R5 =99 R6 =99 R7 =100
 R8 =99 R9 =97 R10=98 R11=99 R12=98 R13=99 R14=100 R15=99

Photo Parameters:

Flux = 155.3 lm Eff. : 2.53 lm/W Fe = 5.379 W

Electrical parameters:

V = 229.77 V I = 0.2670 A P = 61.35 W PF = 1.000

WHITE:OUT

Status: Integral T = 125 ms Ip = 41869 (64%)

Model:Vintage lamp 030/60W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99793
 Date:2018-03-27 13:53
 Humidity:65.0%
 Remarks:017A045_4393