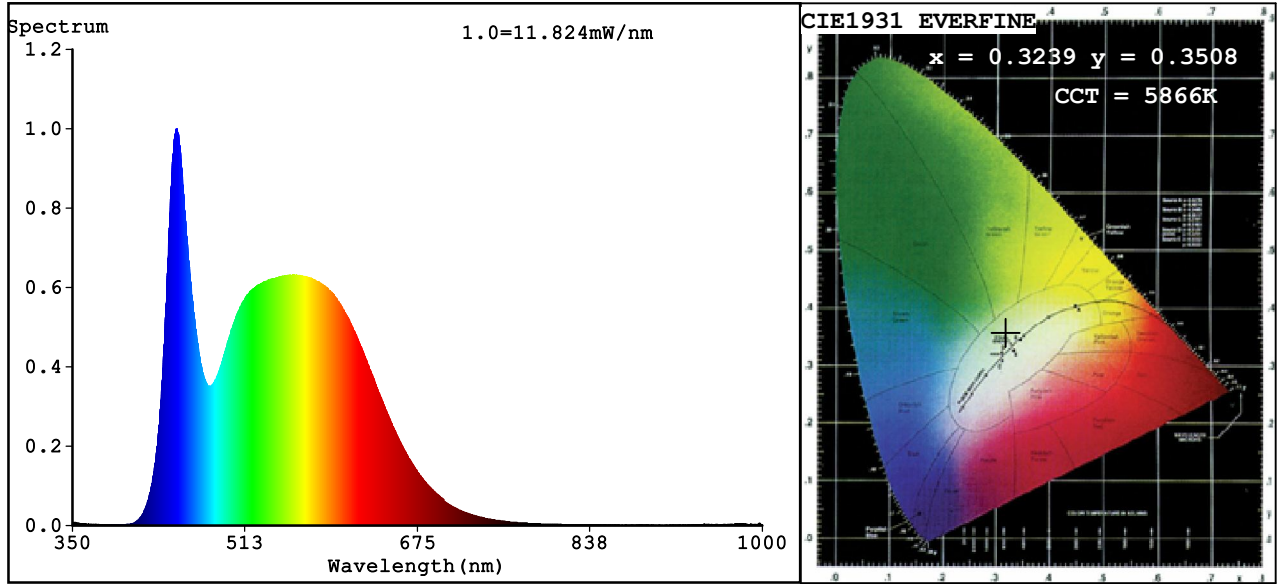


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3239$ $y=0.3508$ $u'=0.1974$ $v'=0.4812$
 CCT=5866K(Duv=0.0088) Dominant WL:Ld =518.7nm Purity=3.5%
 Ratio:R=13.7% G=80.9% B=5.4%;;Peak WL:Lp=448.6nm FWHM=28.6nm
 Render Index:Ra=83.1
 R1 =80 R2 =87 R3 =94 R4 =83 R5 =81 R6 =84 R7 =88
 R8 =68 R9 =2 R10=71 R11=82 R12=65 R13=82 R14=97 R15=73

Photo Parameters:

Flux = 492.4 lm Eff. : 87.67 lm/W Fe = 1.550 W

Electrical parameters:

V = 229.91 V I = 0.04445 A P = 5.616 W PF = 0.5495

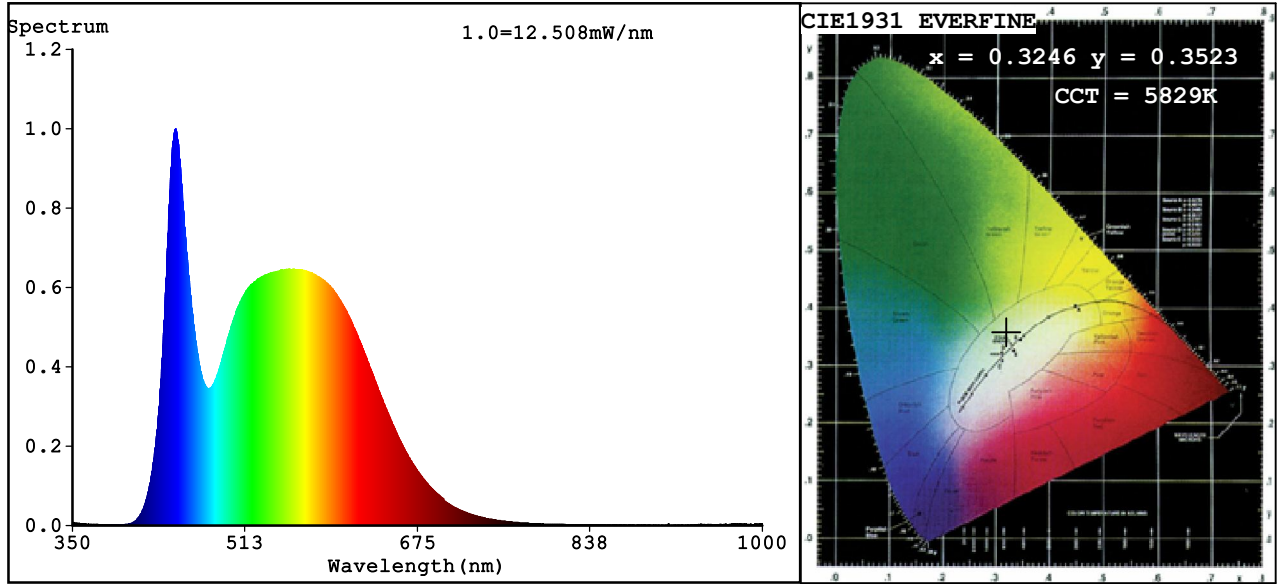
WHITE:OUT

Status: Integral T = 93 ms Ip = 47624 (73%)

Model:LED GLOBE/6W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED800
 Date:2017-11-20 15:55
 Humidity:65.0%
 Remarks:017V038B_4096

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3246$ $y=0.3523/u'=0.1974$ $v'=0.4820$

CCT=5829K(Duv=0.0091) Dominant WL:Ld =524.1nm Purity=3.8%

Ratio:R=13.7% G=81.0% B=5.3%;;Peak WL:Lp=447.2nm FWHM=28.4nm

Render Index:Ra=82.5

R1 =79 R2 =86 R3 =93 R4 =82 R5 =81 R6 =83 R7 =88

R8 =67 R9 =0 R10=69 R11=82 R12=65 R13=81 R14=96 R15=72

Photo Parameters:

Flux = 532.0 lm Eff. : 86.02 lm/W Fe = 1.671 W

Electrical parameters:

V = 229.90 V I = 0.04805 A P = 6.184 W PF = 0.5598

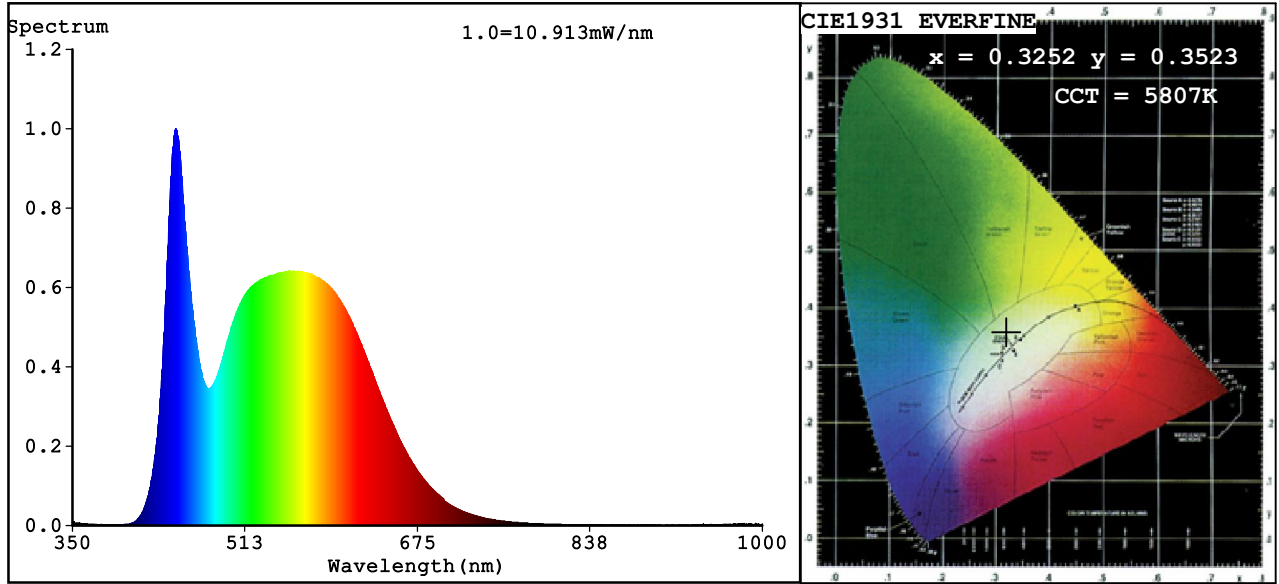
WHITE:OUT

Status: Integral T = 93 ms Ip = 50163 (77%)

Model:LED GLOBE/6W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED800
Date:2017-11-20 15:56
Humidity:65.0%
Remarks:017V038B_4096

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3252$ $y=0.3523$ $u'=0.1978$ $v'=0.4821$

CCT=5807K (Duv=0.0089) Dominant WL:Ld =526.1nm Purity=3.9%

Ratio:R=13.8% G=80.9% B=5.3%;; Peak WL:Lp=447.5nm FWHM=28.3nm

Render Index:Ra=82.8

R1 =79 R2 =87 R3 =93 R4 =83 R5 =81 R6 =83 R7 =88

R8 =67 R9 =1 R10=70 R11=82 R12=65 R13=81 R14=97 R15=73

Photo Parameters:

Flux = 461.2 lm Eff. : 86.00 lm/W Fe = 1.449 W

Electrical parameters:

V = 229.92 V I = 0.04271 A P = 5.363 W PF = 0.5461

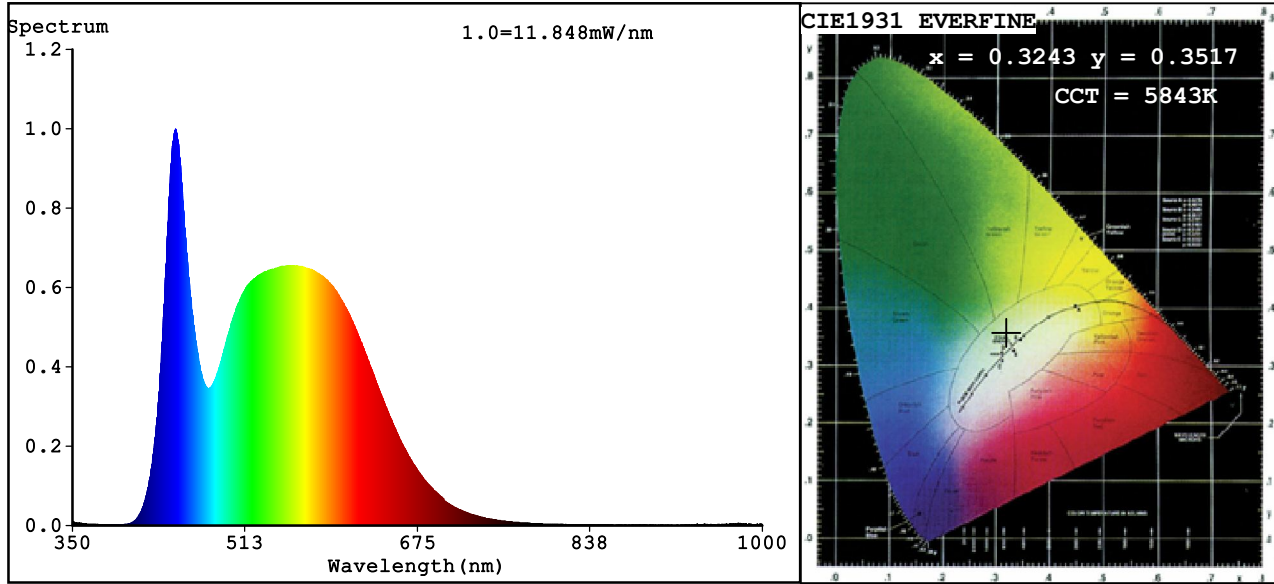
WHITE:OUT

Status: Integral T = 93 ms Ip = 43860 (67%)

Model:LED GLOBE/6W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED800
Date:2017-11-20 15:57
Humidity:65.0%
Remarks:017V038B_4096

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3243$ $y=0.3517/u'=0.1974$ $v'=0.4817$

CCT=5843K(Duv=0.0090) Dominant WL:Ld =521.9nm Purity=3.7%

Ratio:R=13.7% G=81.1% B=5.2%;;Peak WL:Lp=447.2nm FWHM=29.1nm

Render Index:Ra=82.4

R1 =79	R2 =86	R3 =93	R4 =83	R5 =81	R6 =83	R7 =88	
R8 =67	R9 =0	R10=68	R11=82	R12=66	R13=80	R14=96	R15=72

Photo Parameters:

Flux = 510.1 lm Eff. : 86.61 lm/W Fe = 1.604 W

Electrical parameters:

V = 229.90 V I = 0.04619 A P = 5.890 W PF = 0.5546

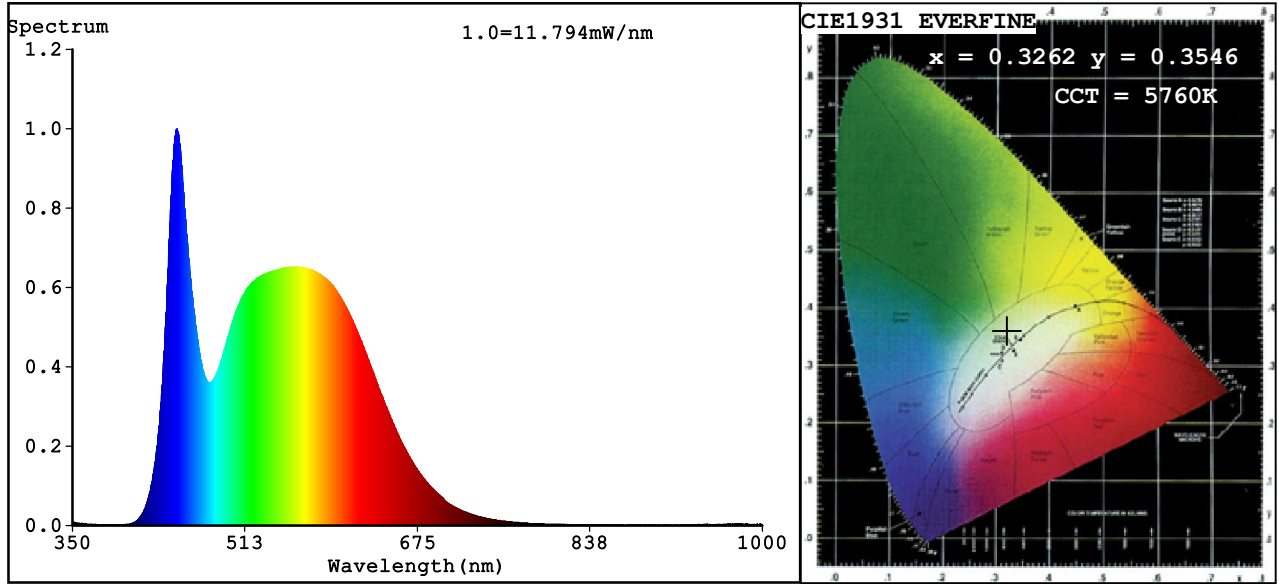
WHITE:OUT

Status: Integral T = 93 ms Ip = 47486 (72%)

Model:LED GLOBE/6W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED800
Date:2017-11-20 15:59
Humidity:65.0%
Remarks:017V038B_4096

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3262$ $y=0.3546/u'=0.1976$ $v'=0.4834$
 CCT=5760K(Duv=0.0095) Dominant WL:Ld =533.4nm Purity=4.7%
 Ratio:R=13.8% G=80.9% B=5.3%;;Peak WL:Lp=448.6nm FWHM=28.8nm
 Render Index:Ra=82.7
 R1 =79 R2 =87 R3 =94 R4 =82 R5 =81 R6 =84 R7 =88
 R8 =67 R9 =0 R10=71 R11=81 R12=64 R13=81 R14=97 R15=72

Photo Parameters:

Flux = 506.8 lm Eff. : 86.83 lm/W Fe = 1.585 W

Electrical parameters:

V = 229.90 V I = 0.04591 A P = 5.837 W PF = 0.5530

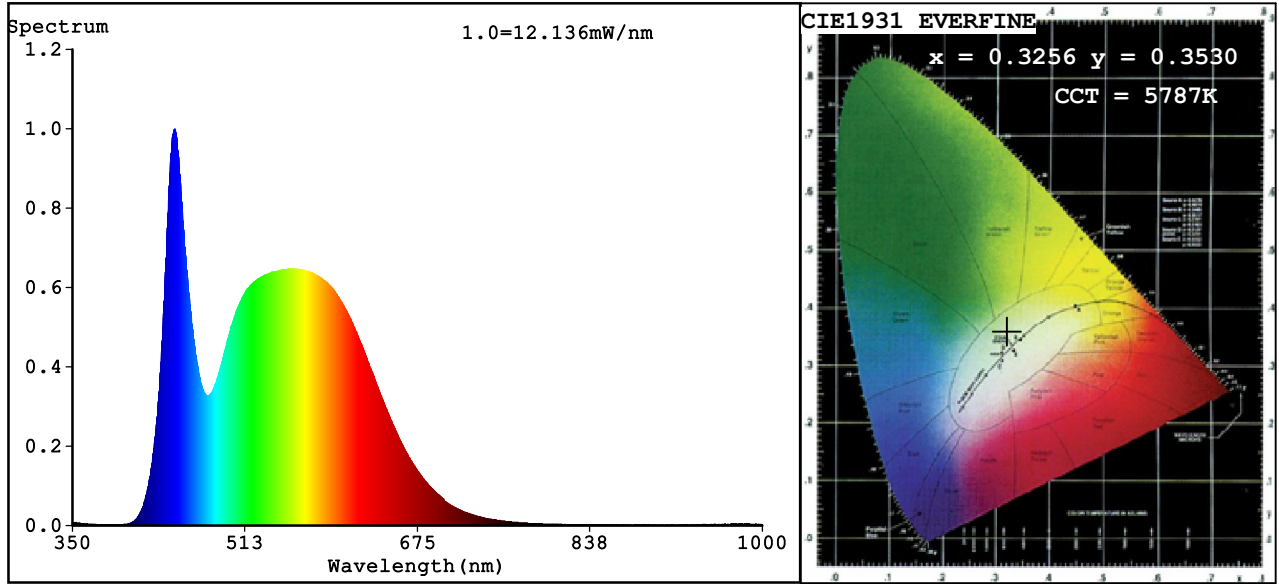
WHITE:OUT

Status: Integral T = 93 ms Ip = 47469 (72%)

Model:LED GLOBE/6W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED800
 Date:2017-11-20 16:00
 Humidity:65.0%
 Remarks:017V038B_4096

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3256$ $y=0.3530$ $u'=0.1978$ $v'=0.4825$

CCT=5787K(Duv=0.0090) Dominant WL:Ld =529.0nm Purity=4.1%

Ratio:R=13.7% G=81.2% B=5.1%;;Peak WL:Lp=446.5nm FWHM=27.7nm

Render Index:Ra=82.1

R1 =79 R2 =86 R3 =92 R4 =83 R5 =81 R6 =82 R7 =88

R8 =67 R9 =0 R10=67 R11=82 R12=66 R13=80 R14=96 R15=72

Photo Parameters:

Flux = 515.7 lm Eff. : 87.36 lm/W Fe = 1.617 W

Electrical parameters:

V = 229.89 V I = 0.04633 A P = 5.903 W PF = 0.5542

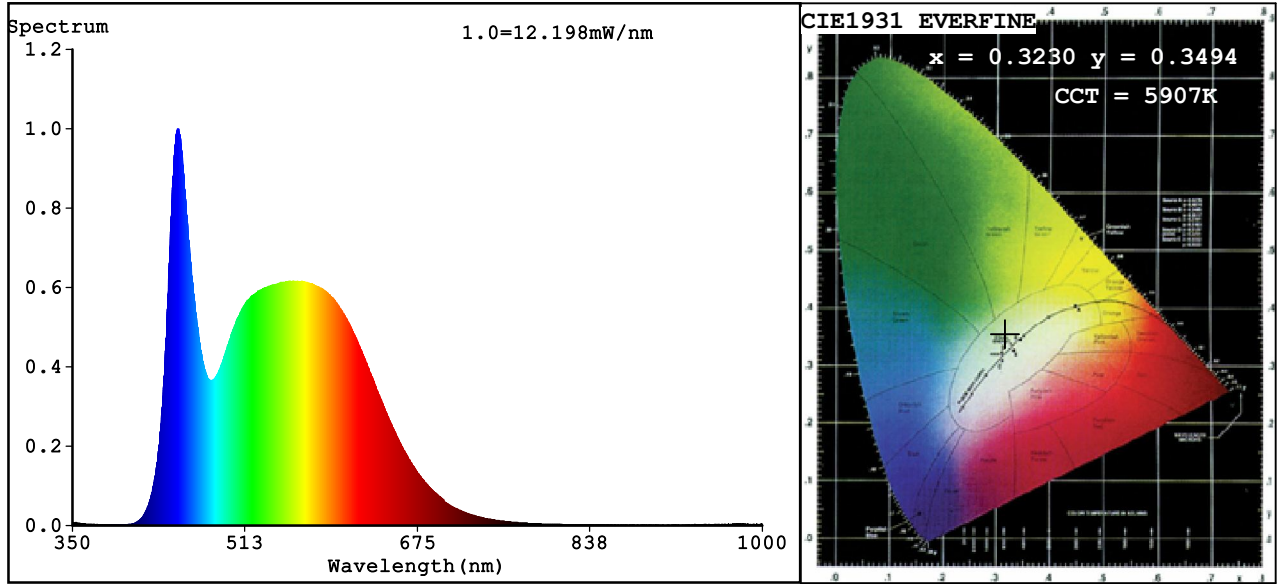
WHITE:OUT

Status: Integral T = 93 ms Ip = 48495 (74%)

Model:LED GLOBE/6W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED800
Date:2017-11-20 16:01
Humidity:65.0%
Remarks:017V038B_4096

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3230$ $y=0.3494$ $u'=0.1973$ $v'=0.4803$

CCT=5907K (Duv=0.0085) Dominant WL:Ld =513.9nm Purity=3.4%

Ratio:R=13.8% G=80.6% B=5.6%;; Peak WL:Lp=448.9nm FWHM=29.1nm

Render Index:Ra=83.7

R1 =80 R2 =88 R3 =95 R4 =83 R5 =82 R6 =85 R7 =89

R8 =68 R9 =4 R10=73 R11=82 R12=64 R13=83 R14=97 R15=74

Photo Parameters:

Flux = 497.5 lm Eff. : 84.84 lm/W Fe = 1.572 W

Electrical parameters:

V = 229.89 V I = 0.04593 A P = 5.863 W PF = 0.5553

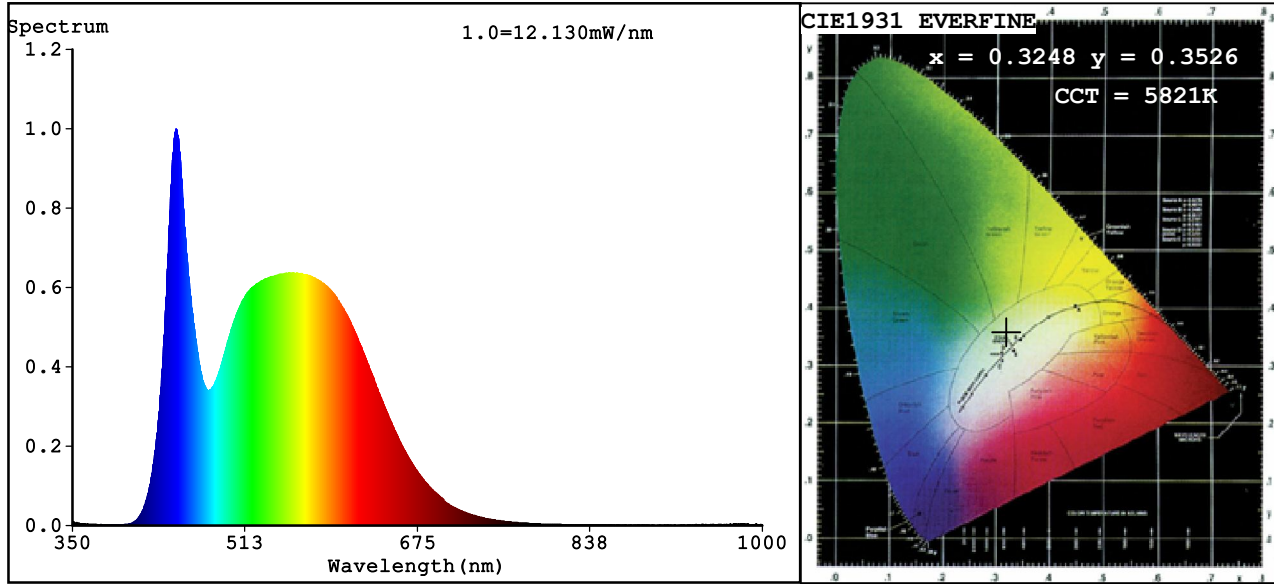
WHITE:OUT

Status: Integral T = 93 ms Ip = 49314 (75%)

Model:LED GLOBE/6W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED800
Date:2017-11-20 16:06
Humidity:65.0%
Remarks:017V038B_4096

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3248$ $y=0.3526$ $u'=0.1974$ $v'=0.4822$

CCT=5821K(Duv=0.0092) Dominant WL:Ld =525.3nm Purity=3.9%

Ratio:R=13.7% G=81.0% B=5.3%;;Peak WL:Lp=447.8nm FWHM=27.8nm

Render Index:Ra=82.6

R1 =79 R2 =86 R3 =93 R4 =82 R5 =81 R6 =83 R7 =88

R8 =67 R9 =0 R10=69 R11=82 R12=65 R13=81 R14=96 R15=72

Photo Parameters:

Flux = 508.4 lm Eff. : 87.79 lm/W Fe = 1.595 W

Electrical parameters:

V = 229.91 V I = 0.04580 A P = 5.791 W PF = 0.5500

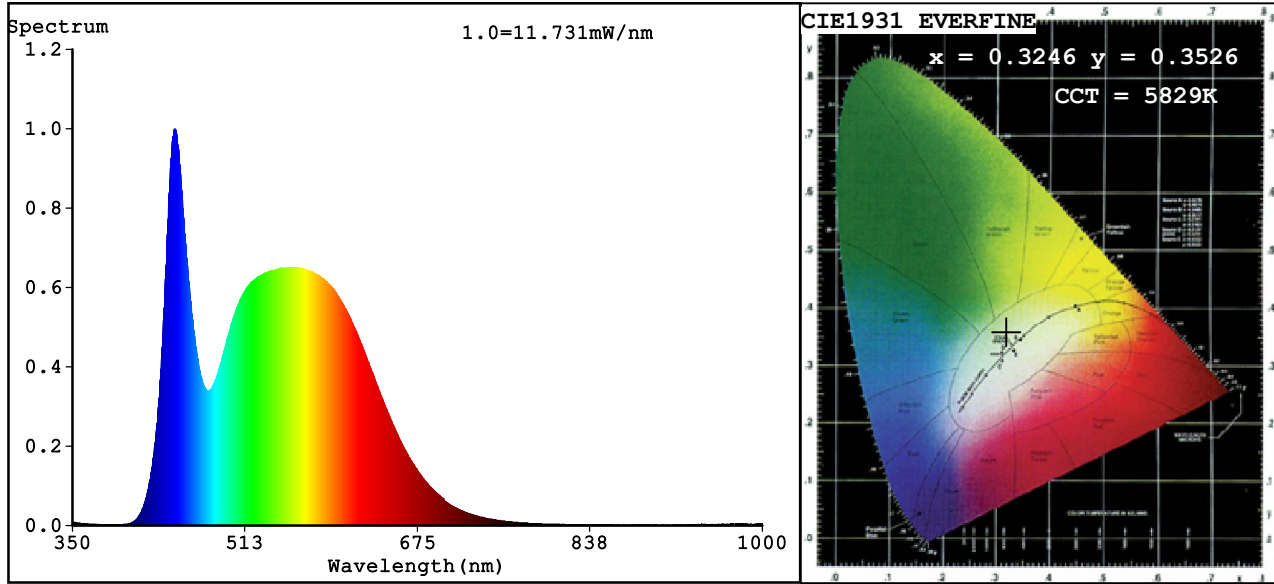
WHITE:OUT

Status: Integral T = 93 ms Ip = 48804 (74%)

Model:LED GLOBE/6W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED800
Date:2017-11-20 16:07
Humidity:65.0%
Remarks:017V038B_4096

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3246$ $y=0.3526/u'=0.1973$ $v'=0.4821$

CCT=5829K(Duv=0.0093) Dominant WL:Ld =524.5nm Purity=3.9%

Ratio:R=13.6% G=81.1% B=5.2%;;Peak WL:Lp=446.6nm FWHM=28.4nm

Render Index:Ra=82.3

R1 =79	R2 =86	R3 =93	R4 =82	R5 =81	R6 =83	R7 =88	
R8 =67	R9 =0	R10=68	R11=82	R12=65	R13=80	R14=96	R15=72

Photo Parameters:

Flux = 501.5 lm Eff. : 88.57 lm/W Fe = 1.574 W

Electrical parameters:

V = 229.91 V I = 0.04459 A P = 5.662 W PF = 0.5523

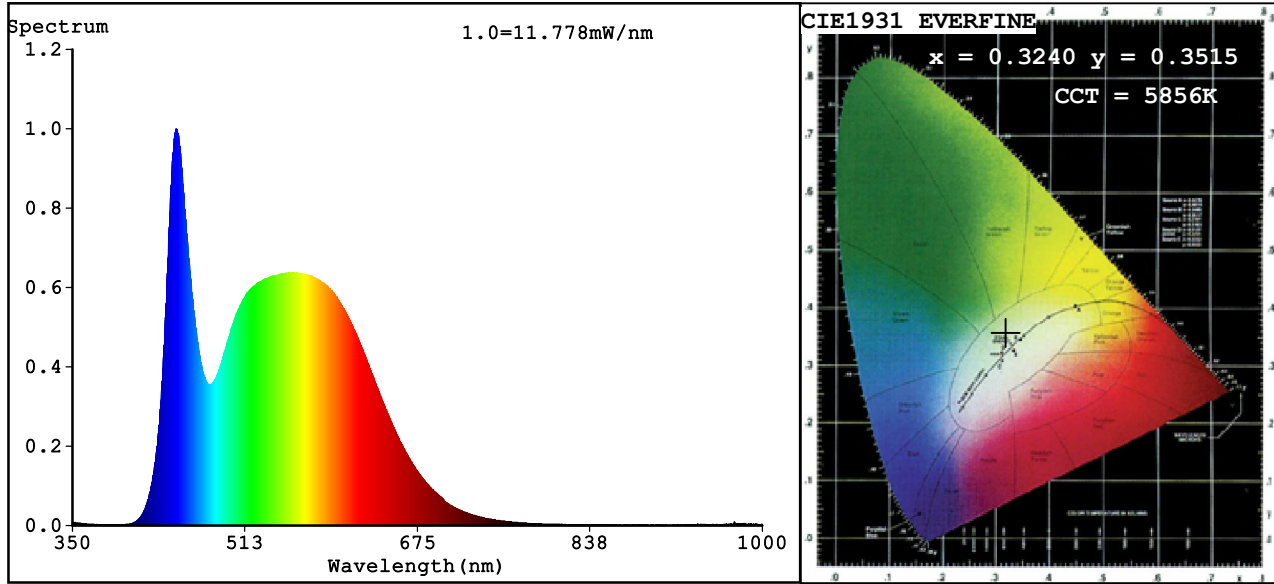
WHITE:OUT

Status: Integral T = 93 ms Ip = 46940 (72%)

Model:LED GLOBE/6W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED800
Date:2017-11-20 16:08
Humidity:65.0%
Remarks:017V038B_4096

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3240$ $y=0.3515$ $u'=0.1973$ $v'=0.4815$
 CCT=5856K(Duv=0.0090) Dominant WL:Ld =520.3nm Purity=3.6%
 Ratio:R=13.7% G=80.9% B=5.4%;;Peak WL:Lp=447.6nm FWHM=28.8nm
 Render Index:Ra=82.9
 R1 =79 R2 =87 R3 =94 R4 =82 R5 =81 R6 =84 R7 =88
 R8 =67 R9 =1 R10=71 R11=82 R12=64 R13=81 R14=97 R15=73

Photo Parameters:

Flux = 494.6 lm Eff. : 86.58 lm/W Fe = 1.555 W

Electrical parameters:

V = 229.91 V I = 0.04509 A P = 5.713 W PF = 0.5510

WHITE:OUT

Status: Integral T = 93 ms Ip = 47416 (72%)

Model:LED GLOBE/6W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED800
 Date:2017-11-20 16:09
 Humidity:65.0%
 Remarks:017V038B_4096