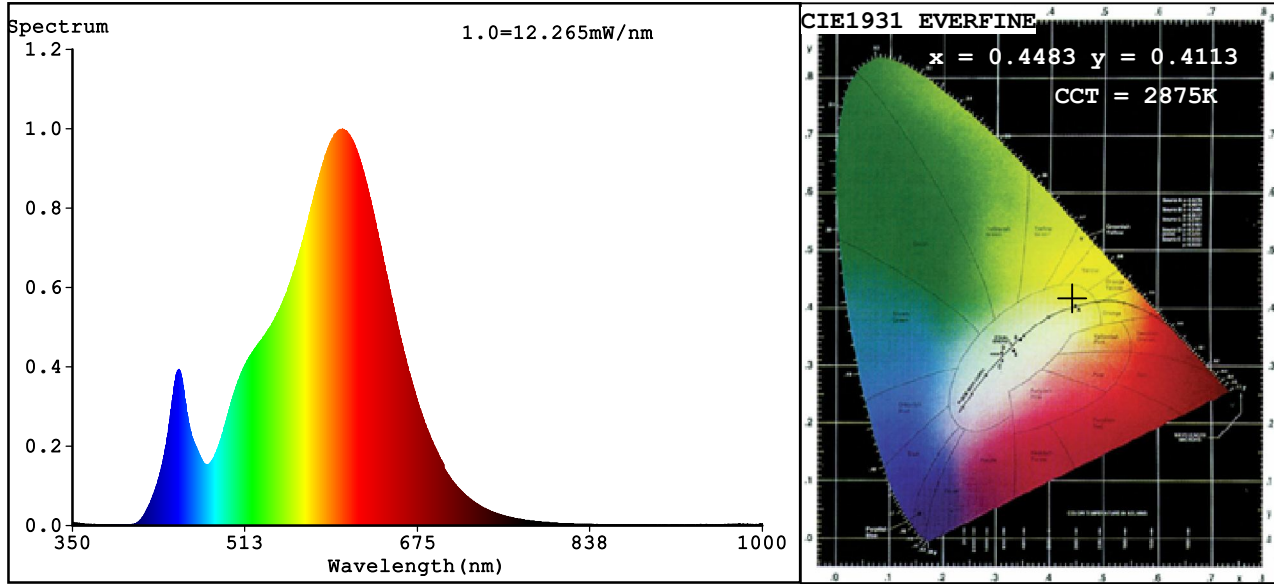


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4483$ $y=0.4113$ $u'=0.2547$ $v'=0.5259$
 CCT=2875K(Duv=0.0014) Dominant WL:Ld =582.9nm Purity=58.0%
 Ratio:R=23.6% G=74.1% B=2.3%;;Peak WL:Lp=604.4nm FWHM=120.7nm
 Render Index:Ra=82.0
 R1 =80 R2 =90 R3 =97 R4 =81 R5 =80 R6 =89 R7 =82
 R8 =57 R9 =3 R10=79 R11=80 R12=74 R13=82 R14=99 R15=72

Photo Parameters:

Flux = 582.2 lm Eff. : 91.76 lm/W Fe = 1.765 W

Electrical parameters:

V = 229.86 V I = 0.04966 A P = 6.345 W PF = 0.5558

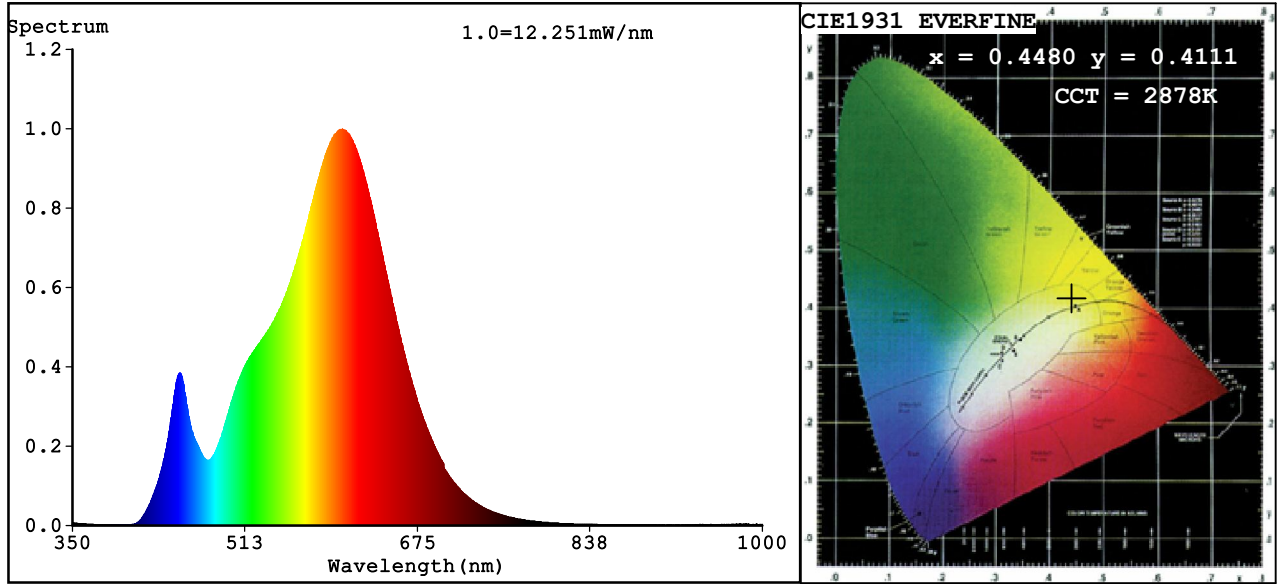
WHITE:ANSI_3000K

Status: Integral T = 72 ms Ip = 45446 (69%)

Model:LED R50/5.5W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED440
 Date:2017-05-18 13:24
 Humidity:65.0%
 Remarks:016053B_3486

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4480$ $y=0.4111$ / $u'=0.2546$ $v'=0.5258$
 CCT=2878K (Duv=0.0013) Dominant WL:Ld =582.9nm Purity=57.9%
 Ratio:R=23.6% G=74.1% B=2.3%; Peak WL:Lp=604.4nm FWHM=120.7nm
 Render Index:Ra=82.0
 R1 =80 R2 =90 R3 =96 R4 =80 R5 =80 R6 =89 R7 =82
 R8 =57 R9 =3 R10=79 R11=80 R12=74 R13=82 R14=99 R15=72

Photo Parameters:

Flux = 582.0 lm Eff. : 88.49 lm/W Fe = 1.767 W

Electrical parameters:

V = 229.85 V I = 0.05117 A P = 6.578 W PF = 0.5593

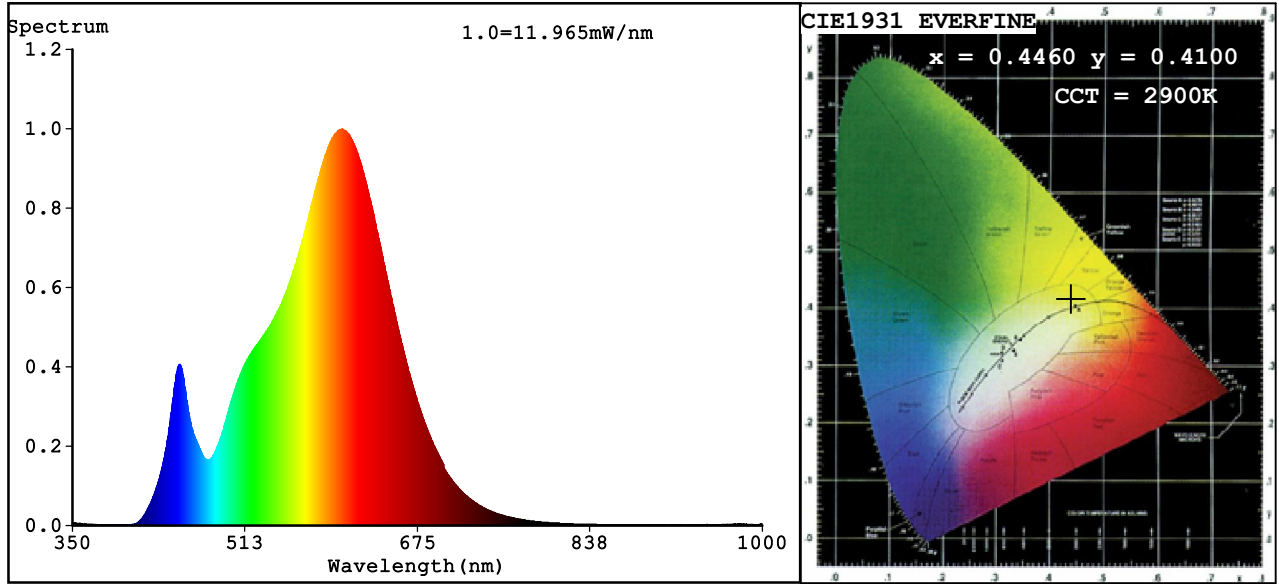
WHITE:ANSI_3000K

Status: Integral T = 72 ms Ip = 45441 (69%)

Model:LED R50/5.5W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED440
 Date:2017-05-18 13:36
 Humidity:65.0%
 Remarks:016053B_3486

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4460$ $y=0.4100$ $u'=0.2539$ $v'=0.5250$
 CCT=2900K(Duv=0.0011) Dominant WL:Ld =582.9nm Purity=56.9%
 Ratio:R=23.4% G=74.2% B=2.4%;;Peak WL:Lp=604.4nm FWHM=121.7nm
 Render Index:Ra=82.1
 R1 =80 R2 =90 R3 =97 R4 =81 R5 =81 R6 =89 R7 =82
 R8 =57 R9 =4 R10=79 R11=80 R12=74 R13=82 R14=99 R15=72

Photo Parameters:

Flux = 571.0 lm Eff. : 90.19 lm/W Fe = 1.734 W

Electrical parameters:

V = 229.88 V I = 0.04967 A P = 6.332 W PF = 0.5545

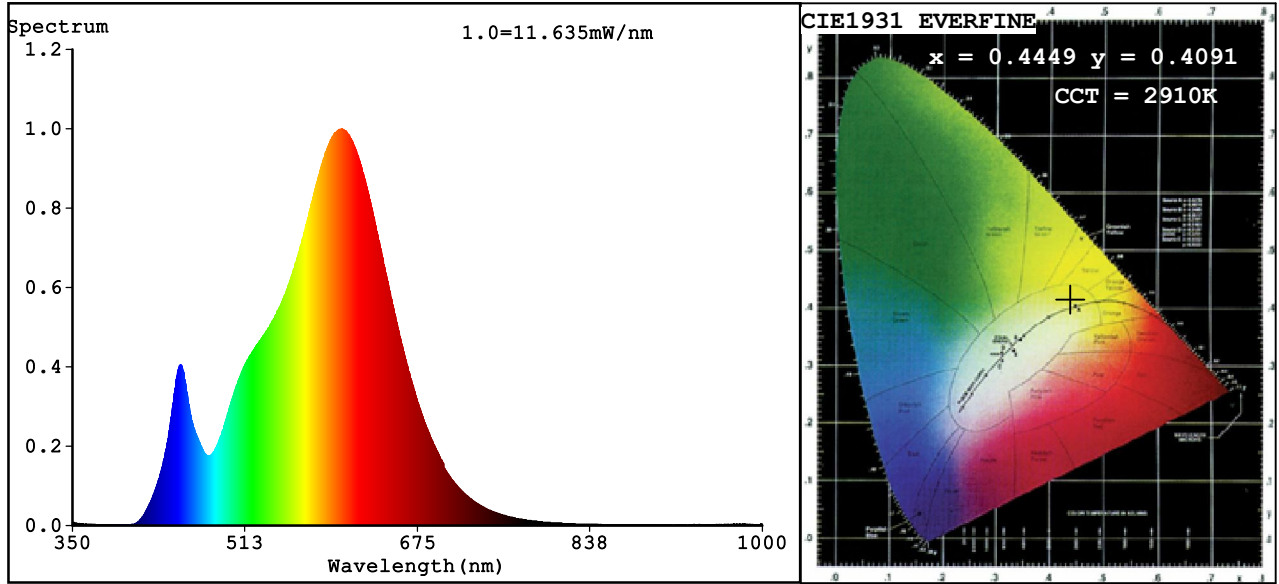
WHITE:ANSI_3000K

Status: Integral T = 72 ms Ip = 44366 (68%)

Model:LED R50/5.5W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED440
 Date:2017-05-18 13:37
 Humidity:65.0%
 Remarks:016053B_3486

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4449$ $y=0.4091$ $u'=0.2535$ $v'=0.5246$
 CCT=2910K(Duv=0.0010) Dominant WL:Ld =582.9nm Purity=56.4%
 Ratio:R=23.3% G=74.2% B=2.4%;;Peak WL:Lp=603.5nm FWHM=121.7nm
 Render Index:Ra=82.0
 R1 =80 R2 =91 R3 =96 R4 =80 R5 =80 R6 =89 R7 =82
 R8 =57 R9 =3 R10=79 R11=80 R12=74 R13=82 R14=98 R15=72

Photo Parameters:

Flux = 556.3 lm Eff. : 88.69 lm/W Fe = 1.692 W

Electrical parameters:

V = 229.86 V I = 0.04949 A P = 6.272 W PF = 0.5514

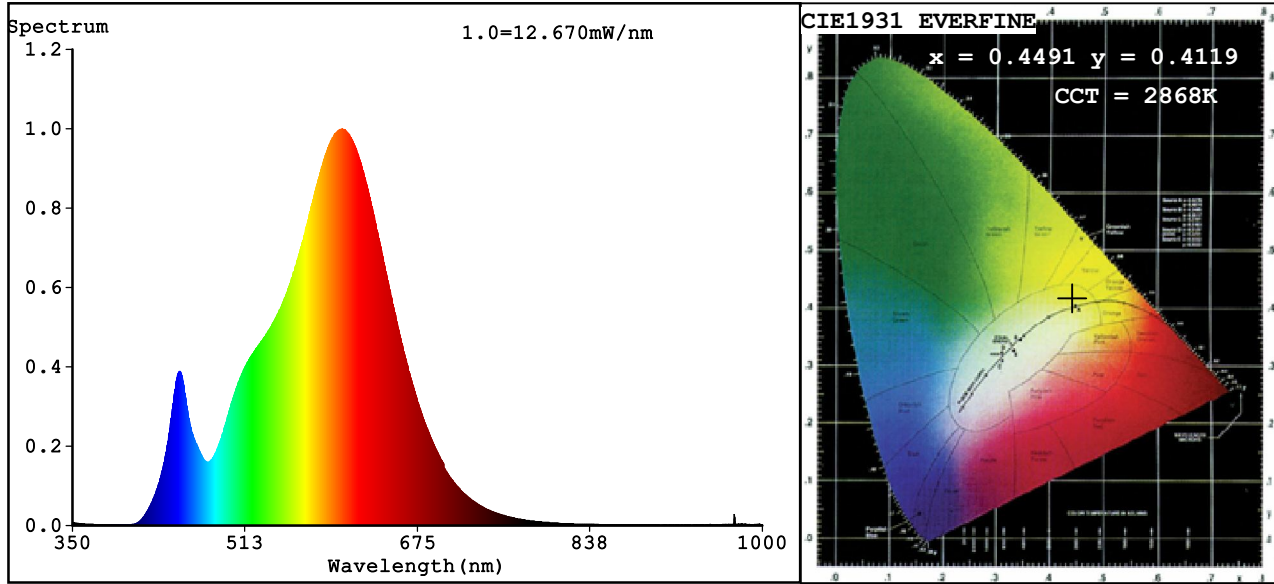
WHITE:ANSI_3000K

Status: Integral T = 72 ms Ip = 43148 (66%)

Model:LED R50/5.5W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED440
 Date:2017-05-18 13:38
 Humidity:65.0%
 Remarks:016053B_3486

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4491$ $y=0.4119$ $u'=0.2550$ $v'=0.5262$
 CCT=2868K(Duv=0.0015) Dominant WL:Ld =582.9nm Purity=58.5%
 Ratio:R=23.6% G=74.1% B=2.3%;;Peak WL:Lp=604.4nm FWHM=120.0nm
 Render Index:Ra=81.8
 R1 =80 R2 =90 R3 =97 R4 =80 R5 =80 R6 =89 R7 =82
 R8 =57 R9 =2 R10=79 R11=80 R12=73 R13=82 R14=99 R15=71

Photo Parameters:

Flux = 600.6 lm Eff. : 89.03 lm/W Fe = 1.820 W

Electrical parameters:

V = 229.87 V I = 0.05229 A P = 6.746 W PF = 0.5613

WHITE:ANSI_2700K

Status: Integral T = 72 ms Ip = 46964 (72%)

Model:LED R50/5.5W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED440
 Date:2017-05-18 13:39
 Humidity:65.0%
 Remarks:016053B_3486