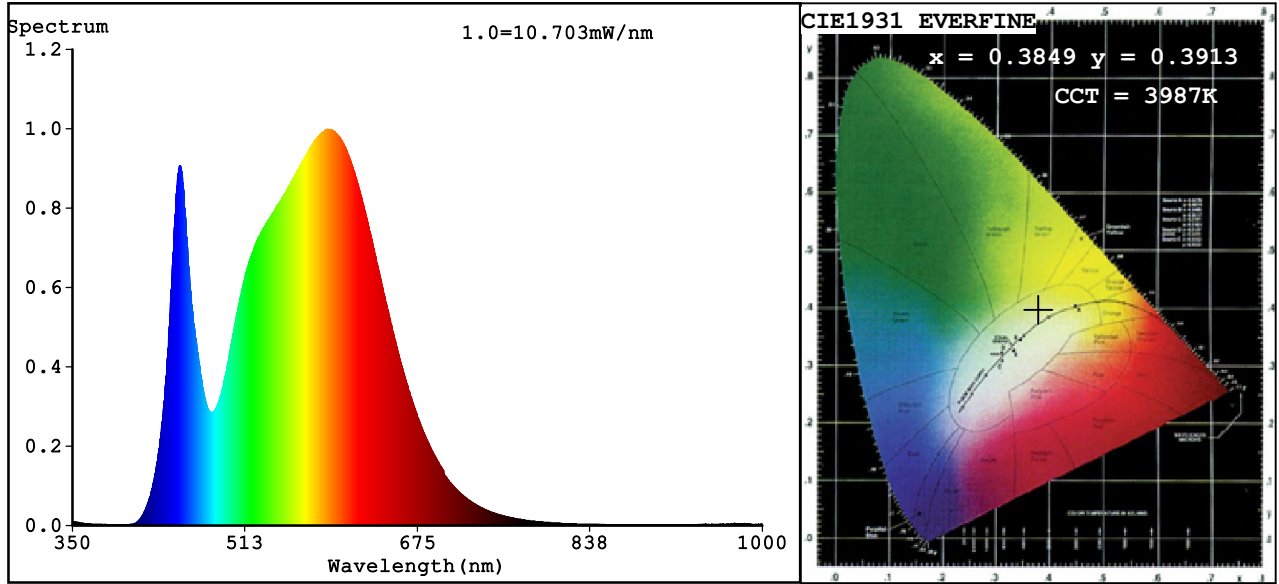


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3849$ $y=0.3913$ $u'=0.2223$ $v'=0.5085$
 CCT=3987K (Duv=0.0054) Dominant WL:Ld =576.6nm Purity=33.0%
 Ratio:R=17.8% G=78.9% B=3.3%;; Peak WL:Lp=590.8nm FWHM=148.4nm
 Render Index:Ra=81.2
 R1 =78 R2 =87 R3 =94 R4 =80 R5 =78 R6 =82 R7 =87
 R8 =63 R9 =1 R10=69 R11=78 R12=57 R13=80 R14=97 R15=71

Photo Parameters:

Flux = 628.2 lm Eff. : 94.34 lm/W Fe = 1.871 W

Electrical parameters:

V = 229.87 V I = 0.05186 A P = 6.659 W PF = 0.5587

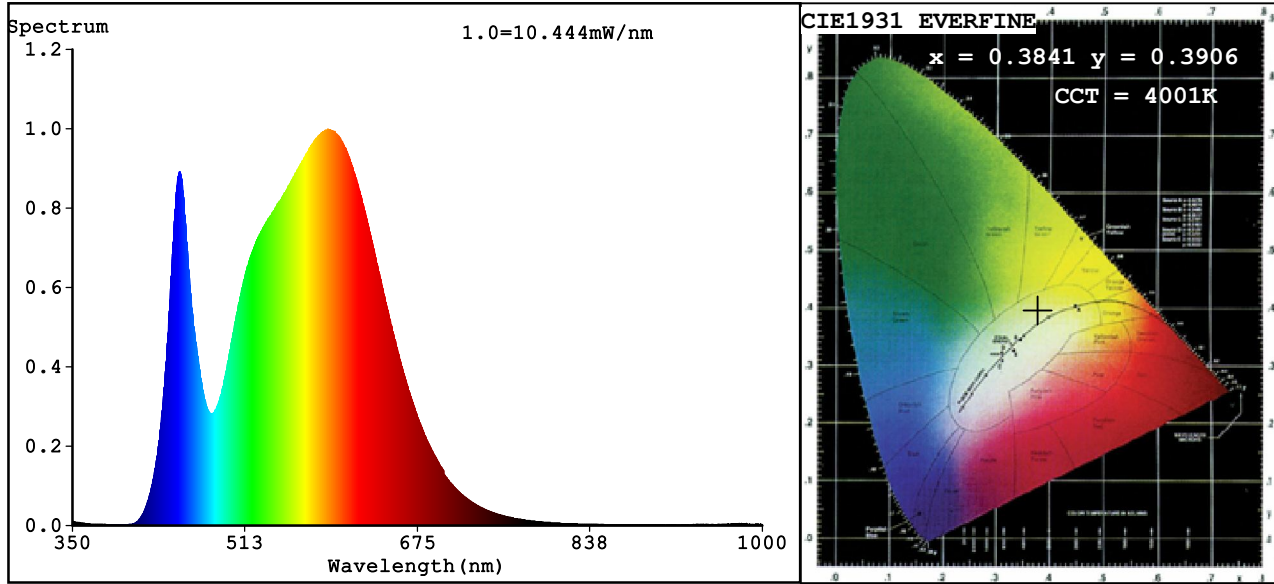
WHITE:ANSI_4000K

Status: Integral T = 91 ms Ip = 50790 (78%)

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

Number:99LED439
 Date:2017-05-18 13:05
 Humidity:65.0%
 Remarks:016053B_3486

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3841$ $y=0.3906$ / $u'=0.2221$ $v'=0.5081$
 CCT=4001K(Duv=0.0053) Dominant WL:Ld =576.6nm Purity=32.5%
 Ratio:R=17.7% G=79.0% B=3.3%;; Peak WL:Lp=590.8nm FWHM=148.4nm
 Render Index:Ra=81.0
 R1 =78 R2 =86 R3 =94 R4 =80 R5 =78 R6 =82 R7 =87
 R8 =63 R9 =1 R10=68 R11=78 R12=58 R13=80 R14=97 R15=71

Photo Parameters:

Flux = 613.7 lm Eff. : 93.66 lm/W Fe = 1.829 W

Electrical parameters:

V = 229.88 V I = 0.05106 A P = 6.553 W PF = 0.5583

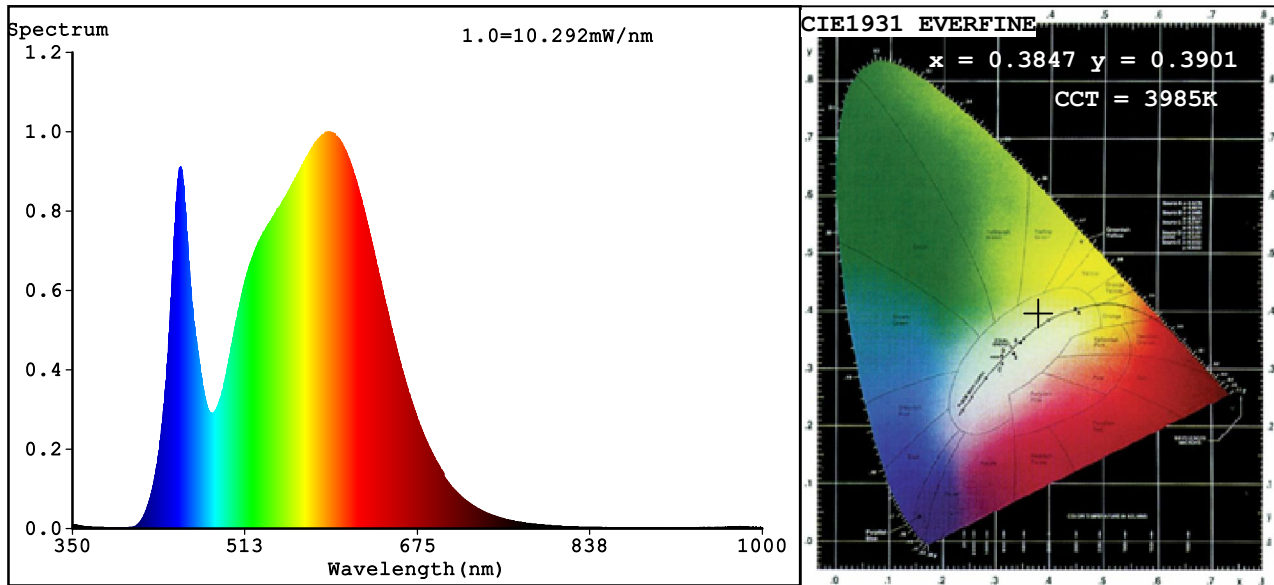
WHITE:ANSI_4000K

Status: Integral T = 91 ms Ip = 49599 (76%)

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

Number:99LED439
 Date:2017-05-18 13:07
 Humidity:65.0%
 Remarks:016053B_3486

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3847$ $y=0.3901/u'=0.2226$ $v'=0.5080$

CCT=3985K(Duv=0.0049) Dominant WL:Ld =576.8nm Purity=32.5%

Ratio:R=17.8% G=78.8% B=3.4%;;Peak WL:Lp=590.8nm FWHM=148.3nm

Render Index:Ra=81.3

R1 =79 R2 =87 R3 =94 R4 =80 R5 =78 R6 =82 R7 =87

R8 =63 R9 =2 R10=69 R11=78 R12=58 R13=81 R14=97 R15=72

Photo Parameters:

Flux = 603.2 lm Eff. : 92.04 lm/W Fe = 1.802 W

Electrical parameters:

V = 229.85 V I = 0.05108 A P = 6.554 W PF = 0.5582

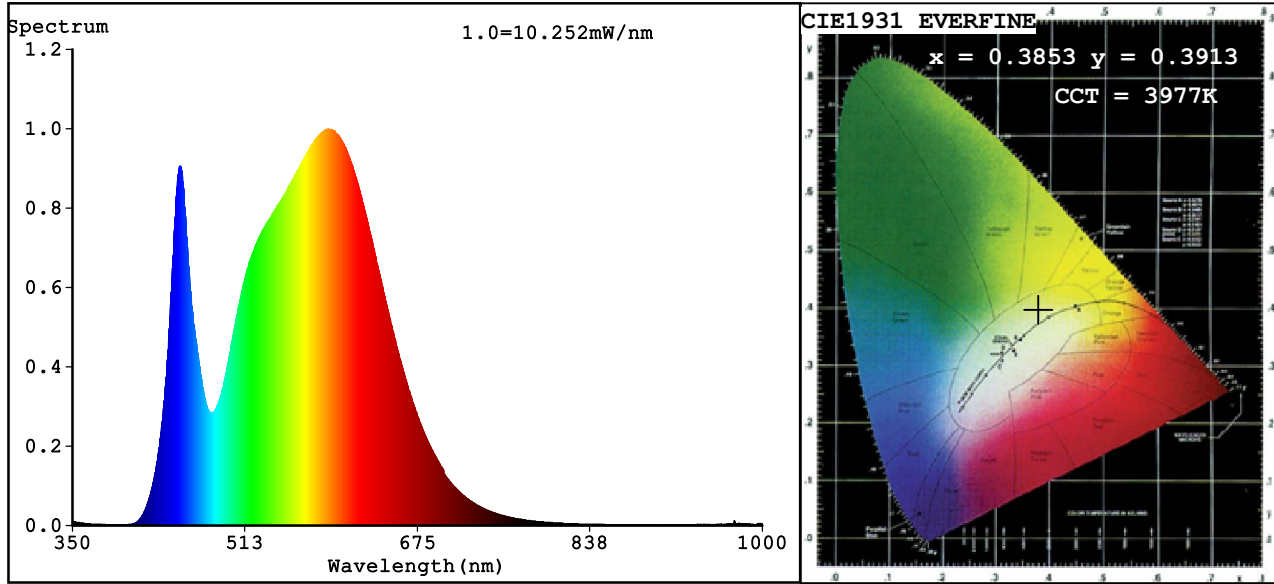
WHITE:ANSI_4000K

Status: Integral T = 91 ms Ip = 48876 (75%)

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

Number:99LED439
Date:2017-05-18 13:09
Humidity:65.0%
Remarks:016053B_3486

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3853$ $y=0.3913$ $u'=0.2225$ $v'=0.5086$
 CCT=3977K(Duv=0.0053) Dominant WL:Ld =576.7nm Purity=33.1%
 Ratio:R=17.8% G=78.9% B=3.3%;;Peak WL:Lp=590.8nm FWHM=148.2nm
 Render Index:Ra=81.1
 R1 =78 R2 =87 R3 =94 R4 =80 R5 =78 R6 =82 R7 =87
 R8 =63 R9 =1 R10=69 R11=78 R12=57 R13=80 R14=97 R15=71

Photo Parameters:

Flux = 601.1 lm Eff. : 91.44 lm/W Fe = 1.791 W

Electrical parameters:

V = 229.88 V I = 0.05123 A P = 6.574 W PF = 0.5582

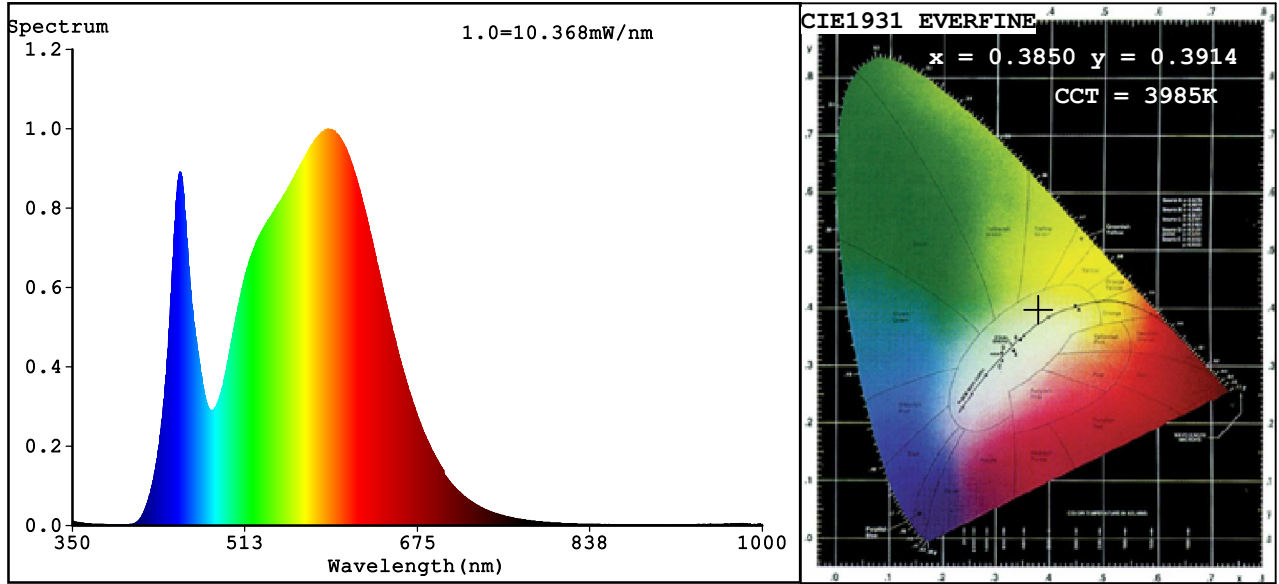
WHITE:ANSI_4000K

Status: Integral T = 91 ms Ip = 48719 (74%)

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

Number:99LED439
 Date:2017-05-18 13:14
 Humidity:65.0%
 Remarks:016053B_3486

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3850$ $y=0.3914$ / $u'=0.2223$ $v'=0.5086$
 CCT=3985K (Duv=0.0054) Dominant WL:Ld =576.6nm Purity=33.0%
 Ratio:R=17.8% G=78.9% B=3.4%;; Peak WL:Lp=590.8nm FWHM=148.5nm
 Render Index:Ra=81.2
 R1 =78 R2 =87 R3 =94 R4 =80 R5 =78 R6 =82 R7 =87
 R8 =63 R9 =1 R10=69 R11=78 R12=58 R13=80 R14=97 R15=71

Photo Parameters:

Flux = 608.7 lm Eff. : 93.39 lm/W Fe = 1.814 W

Electrical parameters:

V = 229.87 V I = 0.05089 A P = 6.519 W PF = 0.5572

WHITE:ANSI_4000K

Status: Integral T = 91 ms Ip = 49243 (75%)

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

Number:99LED439
 Date:2017-05-18 13:16
 Humidity:65.0%
 Remarks:016053B_3486