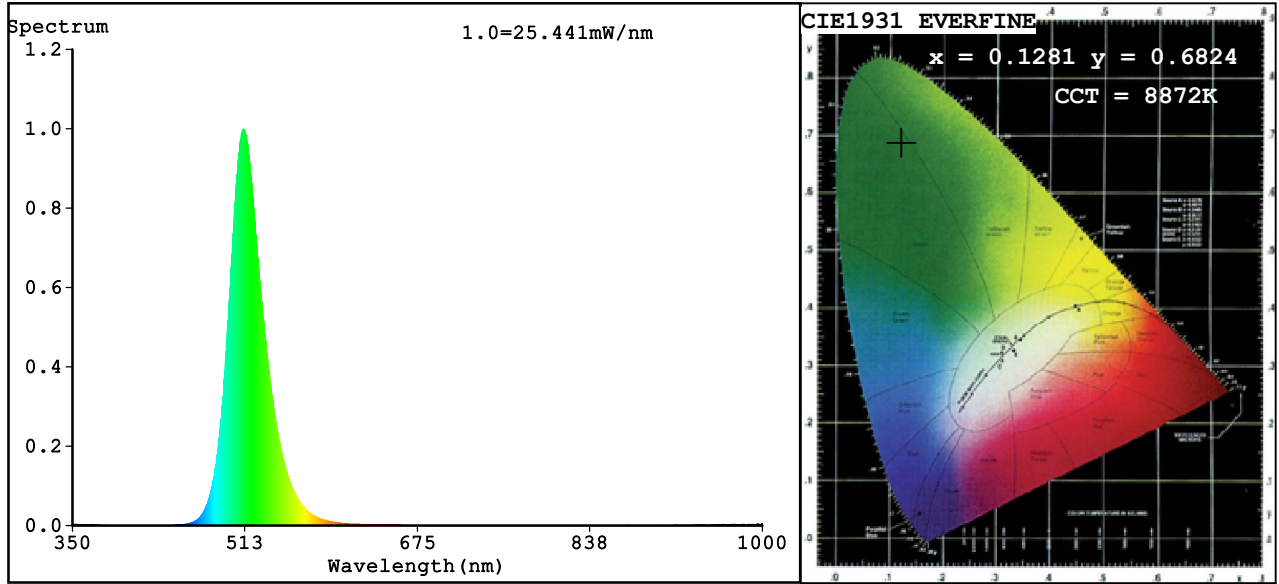


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1281$ $y=0.6824$ / $u'=0.0469$ $v'=0.5618$
 CCT=8872K (Duv=0.1647) Dominant WL:Ld =516.2nm Purity=71.6%
 Ratio:R=0.3% G=93.7% B=6.1%;; Peak WL:Lp=510.8nm FWHM=34.2nm
 Render Index:Ra=0.0
 R1 =0 R2 =0 R3 =0 R4 =0 R5 =0 R6 =0 R7 =0
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=39 R15=0

Photo Parameters:

Flux = 414.9 lm Eff. : 30.79 lm/W Fe = 1.017 W

Electrical parameters:

V = 12.080 V I = 1.115 A P = 13.47 W PF = 1.000

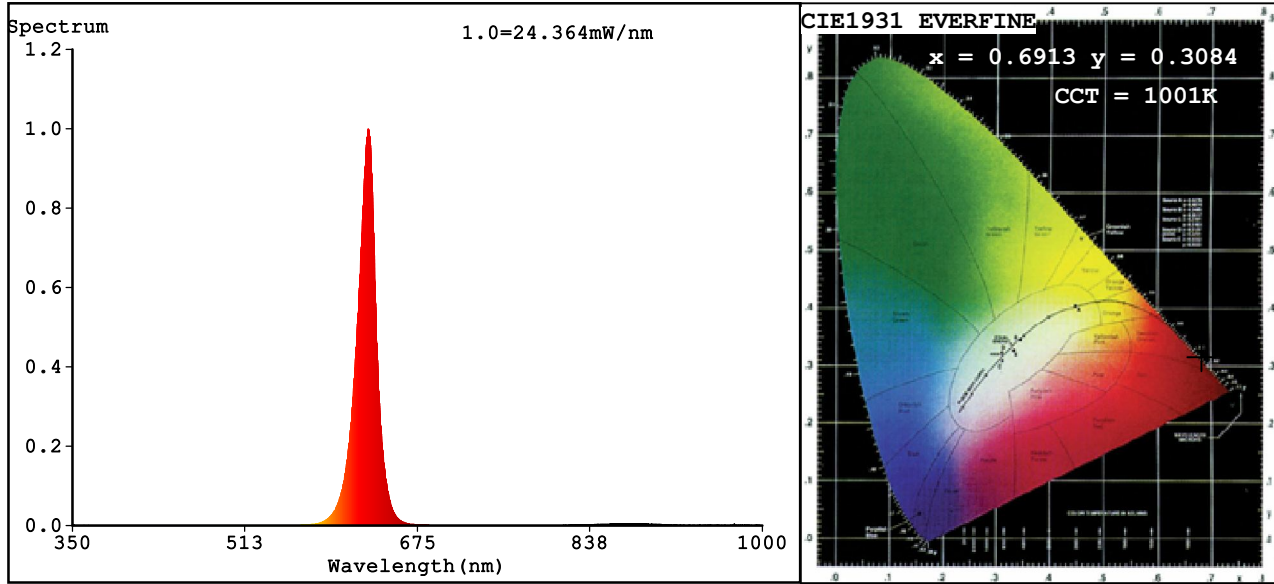
WHITE:OUT

Status: Integral T = 35 ms Ip = 45610 (70%)

Model:LED-5050-60-RGB/14.4W/m
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED676_G
 Date:2018-05-21 08:51
 Humidity:65.0%
 Remarks:017V077A_4536

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6913$ $y=0.3084$ / $u'=0.5199$ $v'=0.5219$
 CCT=1001K (Duv=-0.0723) Dominant WL:Ld =619.9nm Purity=100.0%
 Ratio:R=95.5% G=4.5% B=0.0%;; Peak WL:Lp=628.7nm FWHM=17.9nm
 Render Index:Ra=26.6
 R1 = 7 R2 = 78 R3 = 31 R4 = 0 R5 = 2 R6 = 90 R7 = 6
 R8 = 0 R9 = 0 R10=71 R11=0 R12=79 R13=30 R14=60 R15=0

Photo Parameters:

Flux = 112.6 lm Eff. : 8.43 lm/W Fe = 531.8 mW

Electrical parameters:

V = 12.080 V I = 1.106 A P = 13.36 W PF = 1.000

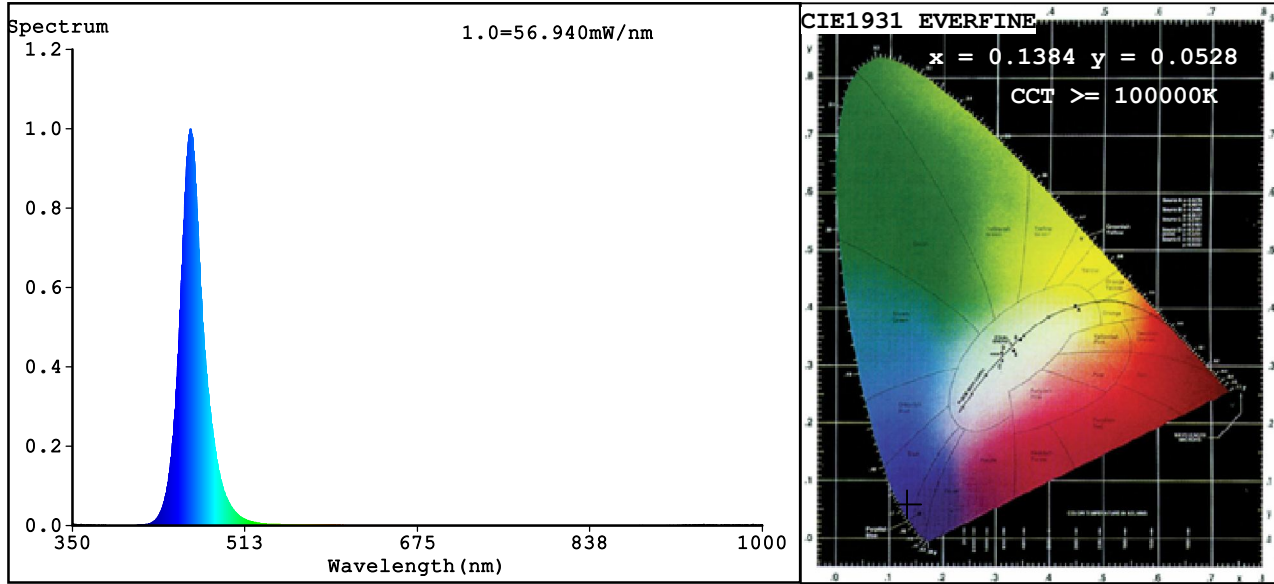
WHITE:OUT

Status: Integral T = 35 ms Ip = 39644 (60%)

Model:LED-5050-60-RGB/14.4W/m
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED676_R
 Date:2018-05-21 09:10
 Humidity:65.0%
 Remarks:017V077A_4536

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1384$ $y=0.0528$ $u'=0.1649$ $v'=0.1417$
 CCT=100000K(Duv=0.1722) Dominant WL:Ld =466.5nm Purity=97.1%
 Ratio:R=0.5% G=15.2% B=84.3%;;Peak WL:Lp=461.5nm FWHM=22.3nm
 Render Index:Ra=0.4
 R1 =0 R2 =0 R3 =0 R4 =0 R5 =3 R6 =0 R7 =0
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=1

Photo Parameters:

Flux = 96.03 lm Eff. : 8.71 lm/W Fe = 1.551 W

Electrical parameters:

V = 12.080 V I = 0.9127 A P = 11.03 W PF = 1.000

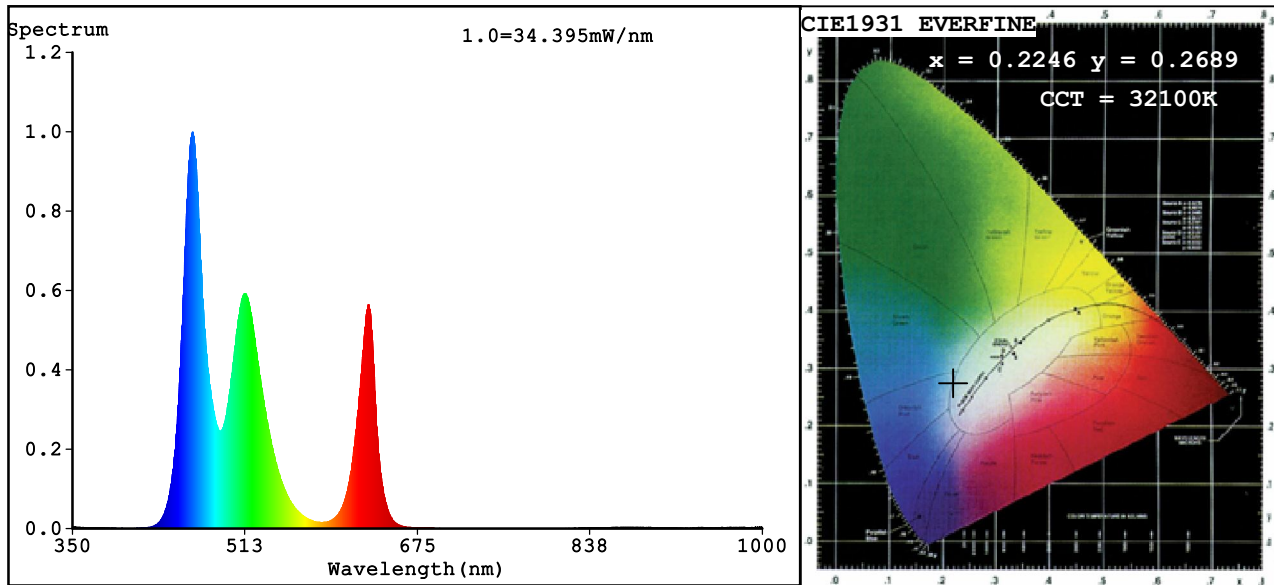
WHITE:OUT

Status: Integral T = 17 ms Ip = 44784 (68%)

Model:LED-5050-60-RGB/14.4W/m
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED676_B
 Date:2018-05-21 09:11
 Humidity:65.0%
 Remarks:017V077A_4536

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2246$ $y=0.2689$ $u'=0.1555$ $v'=0.4189$

CCT=32100K (Duv=0.0277) Dominant WL:Ld =483.7nm Purity=42.1%

Ratio:R=17.8% G=68.5% B=13.7%;;Peak WL:Lp=463.5nm FWHM=21.5nm

Render Index:Ra=60.5

R1 =59 R2 =65 R3 =62 R4 =73 R5 =75 R6 =60 R7 =59

R8 =32 R9 =0 R10=9 R11=65 R12=68 R13=54 R14=75 R15=43

Photo Parameters:

Flux = 480.0 lm Eff. : 18.79 lm/W Fe = 2.095 W

Electrical parameters:

V = 12.080 V I = 2.115 A P = 25.55 W PF = 1.000

WHITE:OUT

Status: Integral T = 32 ms Ip = 50821 (78%)

Model:LED-5050-60-RGB/14.4W/m
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED676_W
Date:2018-05-21 09:14
Humidity:65.0%
Remarks:017V077A_4536