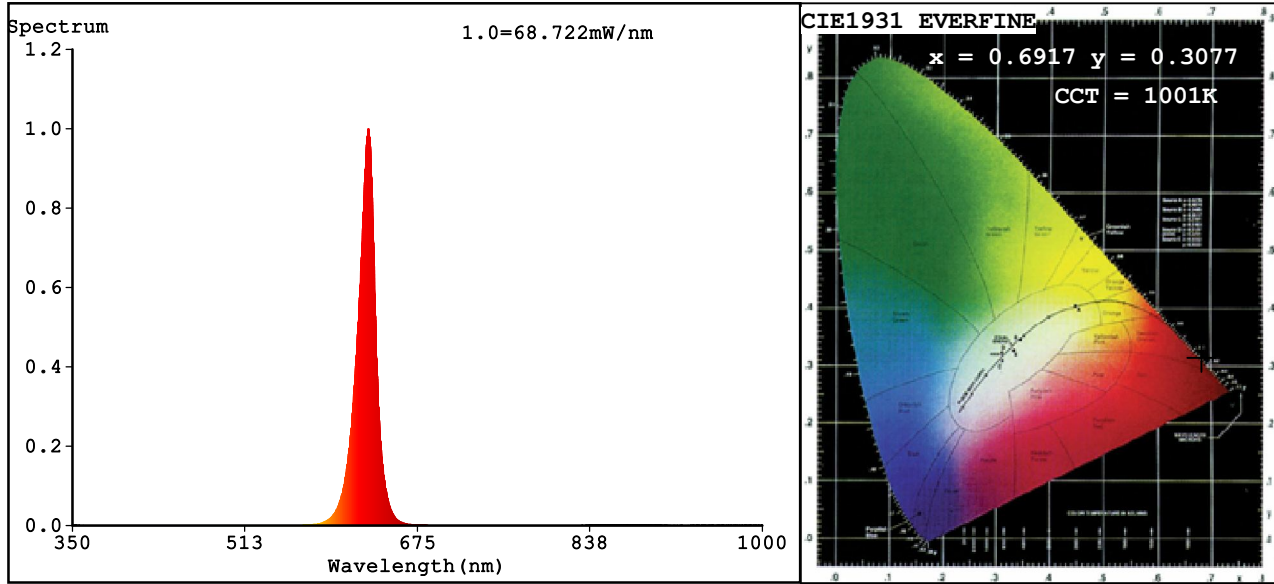


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6917$ $y=0.3077$ $u'=0.5212$ $v'=0.5216$

CCT=1001K(Duv=-0.0736) Dominant WL:Ld =620.4nm Purity=99.8%

Ratio:R=96.0% G=4.0% B=0.0%;;Peak WL:Lp=628.7nm FWHM=17.0nm

Render Index:Ra=26.0

R1 = 6	R2 = 78	R3 = 29	R4 = 0	R5 = 1	R6 = 90	R7 = 3	
R8 = 0	R9 = 0	R10=72	R11=0	R12=79	R13=30	R14=59	R15=0

Photo Parameters:

Flux = 302.7 lm Eff. : 10.57 lm/W Fe = 1.418 W

Electrical parameters:

V = 12.080 V I = 2.371 A P = 28.65 W PF = 1.000

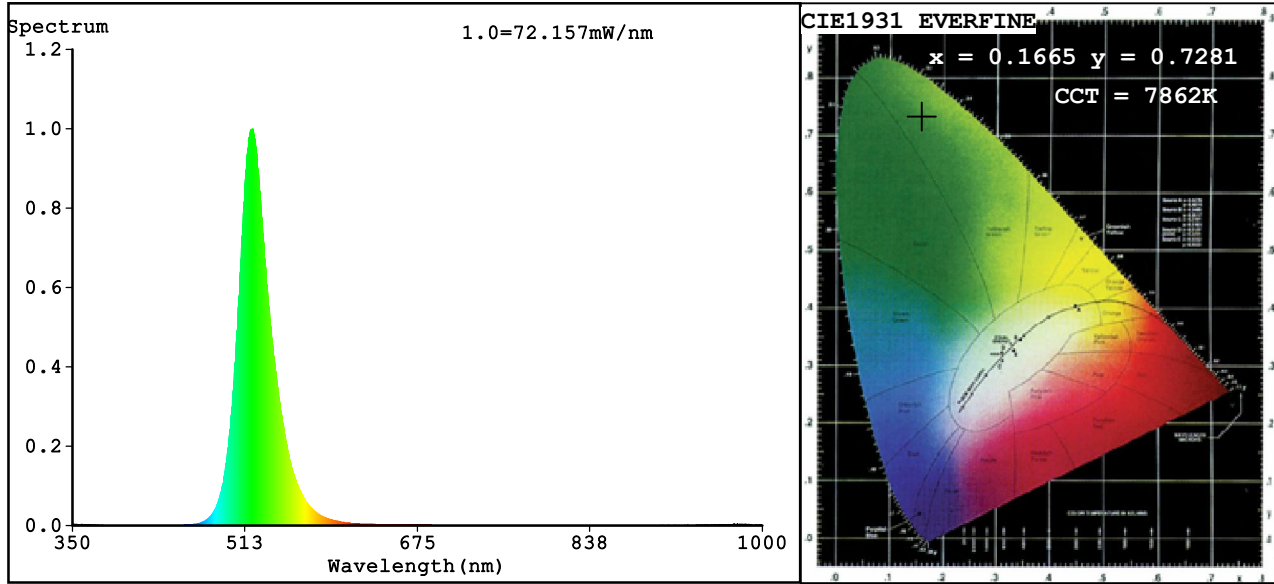
WHITE:OUT

Status: Integral T = 15 ms Ip = 49131 (75%)

Model:LED-5050-2X60-RGB/29W/m
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED693
Date:2017-02-10 09:00
Humidity:65.0%
Remarks:1935

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1665$ $y=0.7281$ / $u'=0.0584$ $v'=0.5746$

CCT=7862K (Duv=0.1588) Dominant WL:Ld =526.6nm Purity=81.1%

Ratio:R=0.3% G=97.7% B=1.9%;; Peak WL:Lp=519.2nm FWHM=31.5nm

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=37	R15=0

Photo Parameters:

Flux = 1312 lm Eff. : 52.38 lm/W Fe = 2.722 W

Electrical parameters:

V = 12.080 V I = 2.073 A P = 25.05 W PF = 1.000

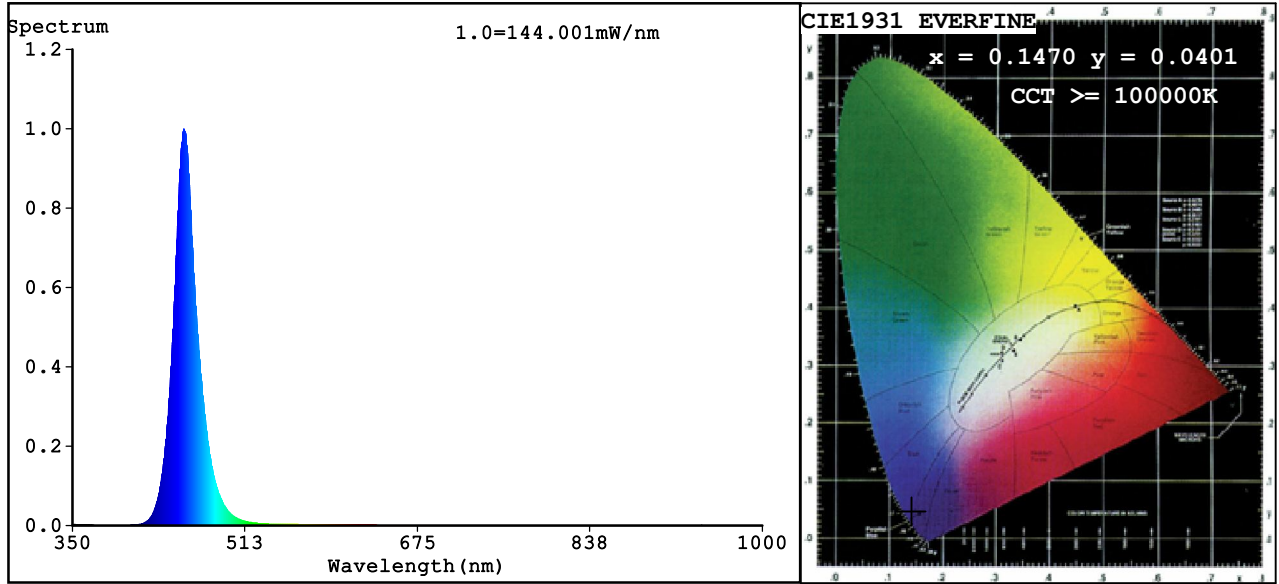
WHITE:OUT

Status: Integral T = 12 ms Ip = 45591 (70%)

Model:LED-5050-2X60-RGB/29W/m
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED693
Date:2017-02-10 09:01
Humidity:65.0%
Remarks:1935

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1470$ $y=0.0401$ / $u'=0.1845$ $v'=0.1133$
 CCT=100000K (Duv=-0.1905) Dominant WL:Ld =461.3nm Purity=97.3%
 Ratio:R=1.0% G=16.6% B=82.5% ; Peak WL:Lp=455.0nm FWHM=22.4nm
 Render Index:Ra=1.2
 R1 =0 R2 =0 R3 =0 R4 =0 R5 =10 R6 =0 R7 =0
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=10

Photo Parameters:

Flux = 200.9 lm Eff. : 9.02 lm/W Fe = 3.958 W

Electrical parameters:

V = 12.080 V I = 1.844 A P = 22.28 W PF = 1.000

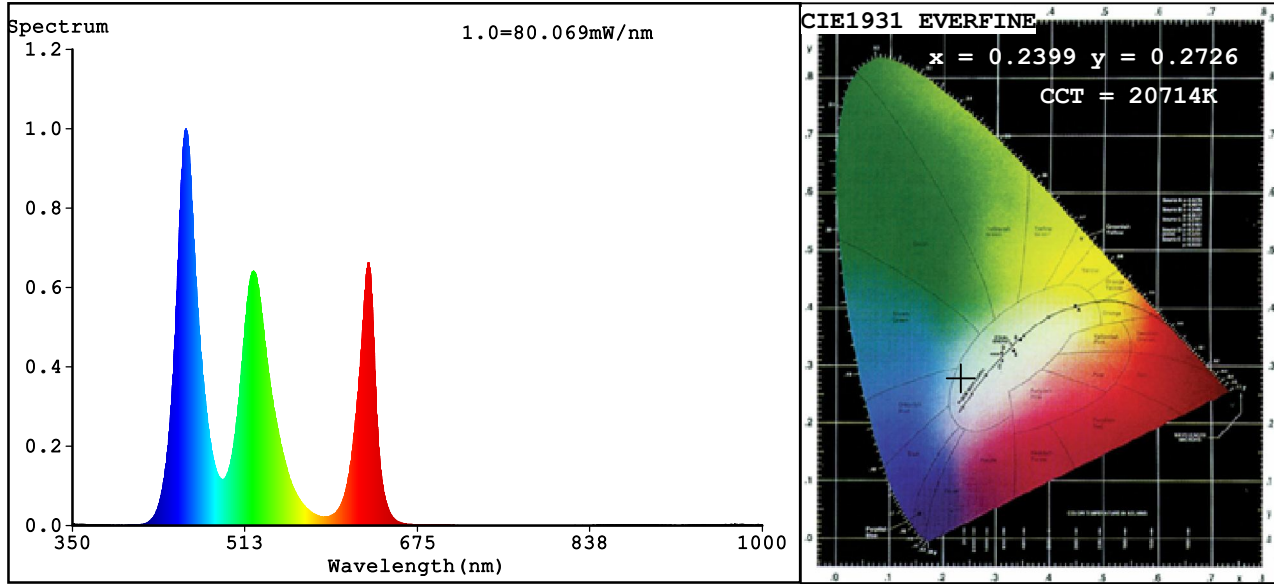
WHITE:OUT

Status: Integral T = 7 ms Ip = 45434 (69%)

Model:LED-5050-2X60-RGB/29W/m
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED693
 Date:2017-02-10 09:02
 Humidity:65.0%
 Remarks:1935

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2399$ $y=0.2726$ $u'=0.1657$ $v'=0.4236$
 CCT=20714K (Duv=0.0189) Dominant WL:Ld =482.8nm Purity=36.7%
 Ratio:R=17.5% G=73.9% B=8.6%;; Peak WL:Lp=456.8nm FWHM=22.1nm
 Render Index:Ra=72.1
 R1 =66 R2 =88 R3 =76 R4 =72 R5 =81 R6 =84 R7 =73
 R8 =38 R9 =0 R10=74 R11=51 R12=60 R13=68 R14=84 R15=51

Photo Parameters:

Flux = 1290 lm Eff. : 26.89 lm/W Fe = 5.136 W

Electrical parameters:

V = 11.818 V I = 4.058 A P = 47.96 W PF = 1.000

WHITE:OUT

Status: Integral T = 14 ms Ip = 51370 (78%)

Model:LED-5050-2X60-RGB/29W/m
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED693
 Date:2017-02-10 09:05
 Humidity:65.0%
 Remarks:1935