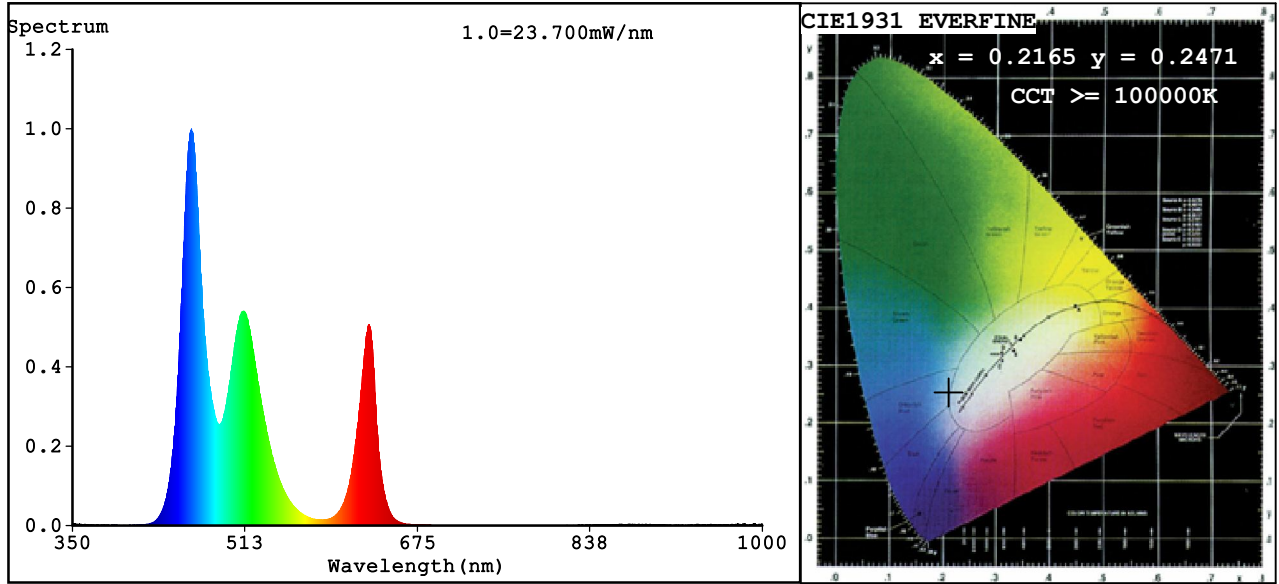


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2165$ $y=0.2471/u'=0.1566$ $v'=0.4020$
 CCT=100000K(Duv=0.0242) Dominant WL:Ld =481.5nm Purity=47.0%
 Ratio:R=17.7% G=66.9% B=15.4%;;Peak WL:Lp=462.1nm FWHM=22.1nm
 Render Index:Ra=58.6
 R1 =57 R2 =61 R3 =57 R4 =74 R5 =73 R6 =57 R7 =59
 R8 =32 R9 =0 R10=0 R11=65 R12=67 R13=51 R14=72 R15=40

Photo Parameters:

Flux = 298.8 lm Eff. : 17.49 lm/W Fe = 1.389 W

Electrical parameters:

V = 12.080 V I = 1.414 A P = 17.08 W PF = 1.000

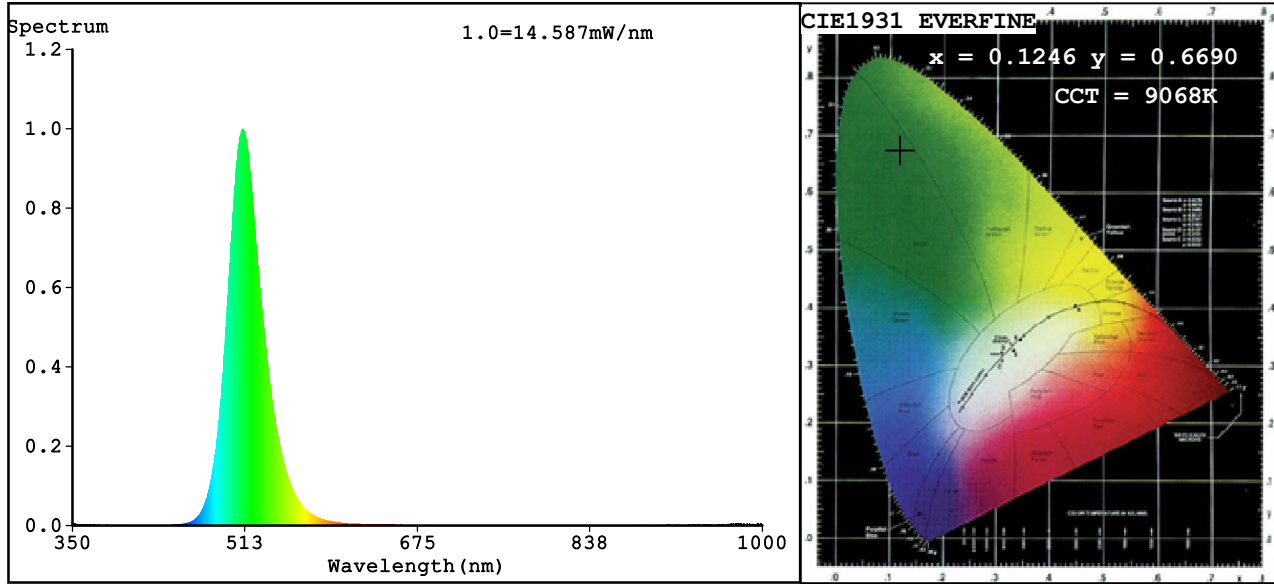
WHITE:OUT

Status: Integral T = 33 ms Ip = 36166 (55%)

Model:LED- 5050-RGB/7.2W/m
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED311_W
 Date:2018-05-18 16:47
 Humidity:65.0%
 Remarks:017V077A_4536

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1246$ $y=0.6690$ $u'=0.0463$ $v'=0.5586$
 CCT=9068K(Duv=0.1642) Dominant WL:Ld =514.7nm Purity=70.5%
 Ratio:R=0.2% G=92.7% B=7.1%;;Peak WL:Lp=510.8nm FWHM=35.0nm
 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=40 R15=0

Photo Parameters:

Flux = 236.8 lm Eff. : 27.98 lm/W Fe = 596.4 mW

Electrical parameters:

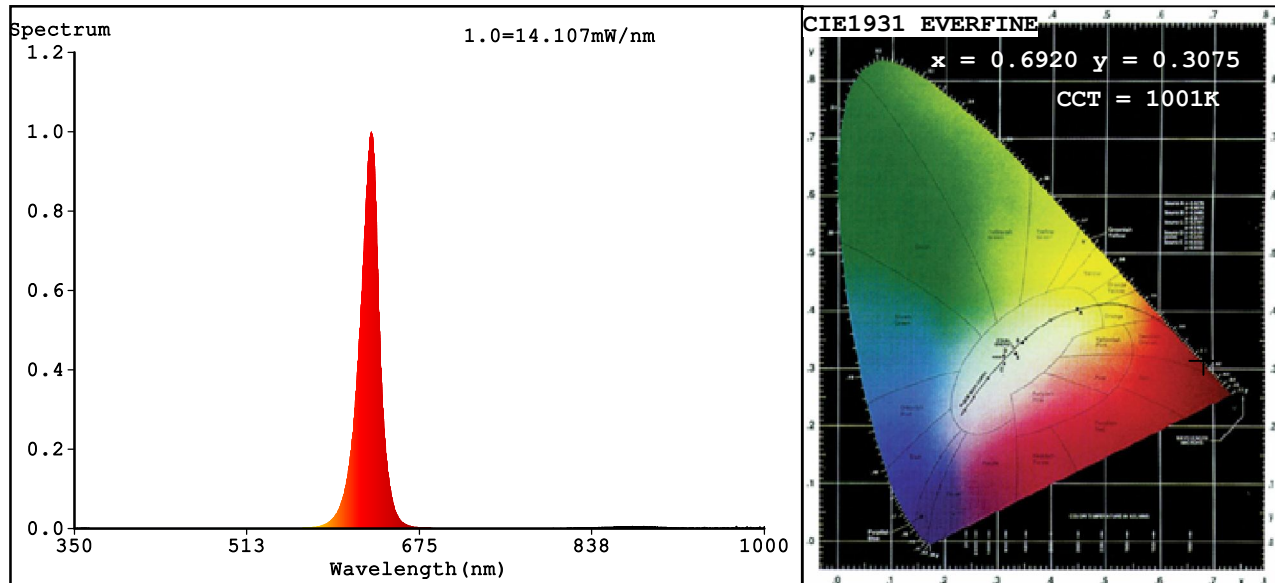
V = 12.080 V I = 0.7006 A P = 8.463 W PF = 1.000

WHITE:OUT

Status: Integral T = 69 ms Ip = 51296 (78%)

Model:LED- 5050-RGB/7.2W/m
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED311_G
 Date:2018-05-18 16:48
 Humidity:65.0%
 Remarks:017V077A_4536

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.6920$ $y=0.3075$ $u'=0.5217$ $v'=0.5216$

CCT=1001K(Duv=-0.0741) Dominant WL:Ld =620.4nm Purity=99.9%

Ratio:R=95.4% G=4.6% B=0.0%;;Peak WL:Lp=629.7nm FWHM=18.3nm

Render Index:Ra=27.2

R1 = 8	R2 = 78	R3 = 32	R4 = 0	R5 = 3	R6 = 90	R7 = 7	
R8 = 0	R9 = 0	R10=72	R11=0	R12=79	R13=31	R14=60	R15=0

Photo Parameters:

Flux = 65.02 lm Eff. : 8.35 lm/W Fe = 315.6 mW

Electrical parameters:

V = 12.080 V I = 0.6446 A P = 7.787 W PF = 1.000

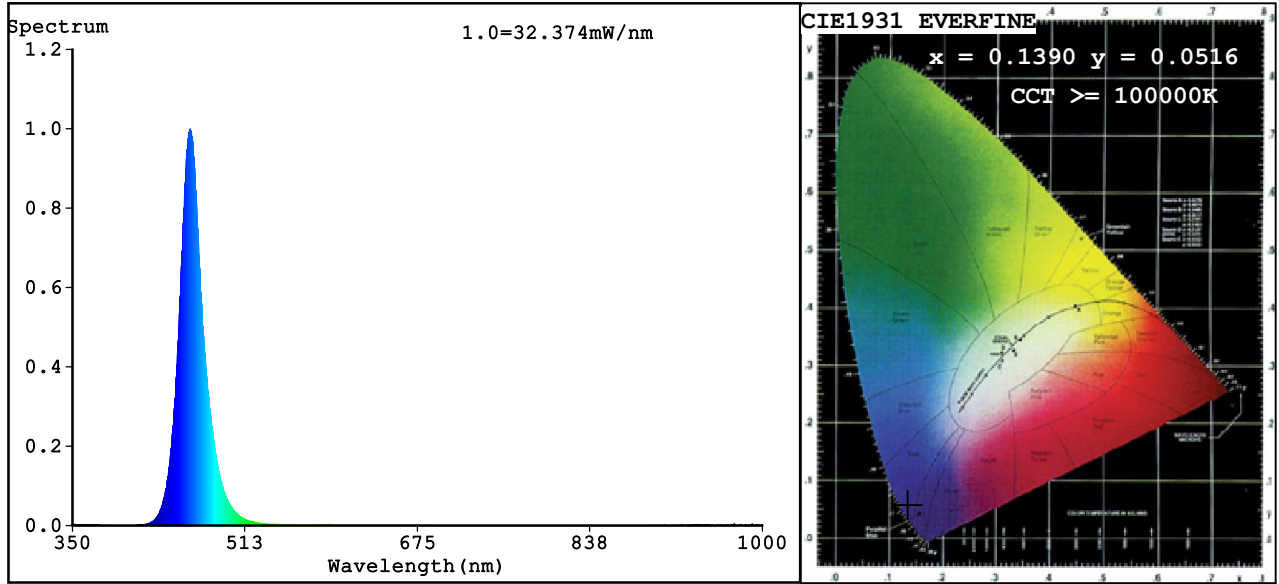
WHITE:OUT

Status: Integral T = 69 ms Ip = 45321 (69%)

Model:LED- 5050-RGB/7.2W/m
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED311_R
Date:2018-05-18 16:49
Humidity:65.0%
Remarks:017V077A_4536

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1390$ $y=0.0516$ $u'=0.1664$ $v'=0.1390$

CCT=100000K (Duv=0.1739) Dominant WL:Ld =466.1nm Purity=97.1%

Ratio:R=0.4% G=15.1% B=84.5%;; Peak WL:Lp=460.8nm FWHM=22.7nm

Render Index:Ra=0.3

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 = 54.37 lm Eff. : 8.11 lm/W Fe = 892.7 mW

Electrical parameters:

V = 12.080 V I = 0.5548 A P = 6.702 W PF = 1.000

WHITE:OUT

Status: Integral T = 35 ms Ip = 52325 (80%)

Model:LED- 5050-RGB/7.2W/m
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED311_B
Date:2018-05-18 16:50
Humidity:65.0%
Remarks:017V077A_4536