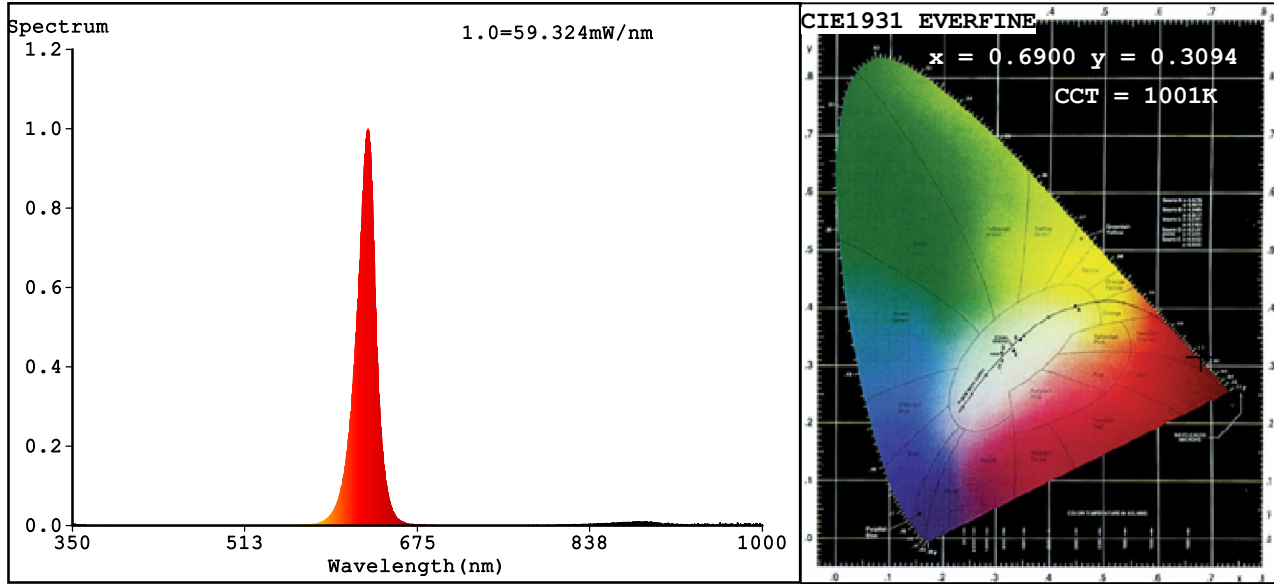


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6900$ $y=0.3094$ $u'=0.5175$ $v'=0.5222$

CCT=1001K(Duv=-0.0699) Dominant WL:Ld =619.5nm Purity=99.9%

Ratio:R=95.2% G=4.8% B=0.0%;;Peak WL:Lp=628.4nm FWHM=18.5nm

Render Index:Ra=26.9

R1 = 8	R2 = 78	R3 = 31	R4 = 0	R5 = 2	R6 = 90	R7 = 6	
R8 = 0	R9 = 0	R10=72	R11=0	R12=79	R13=30	R14=60	R15=0

Photo Parameters:

Flux = 286.3 lm Eff. : 8.39 lm/W Fe = 1.347 W

Electrical parameters:

V = 12.080 V I = 2.826 A P = 34.13 W PF = 1.000

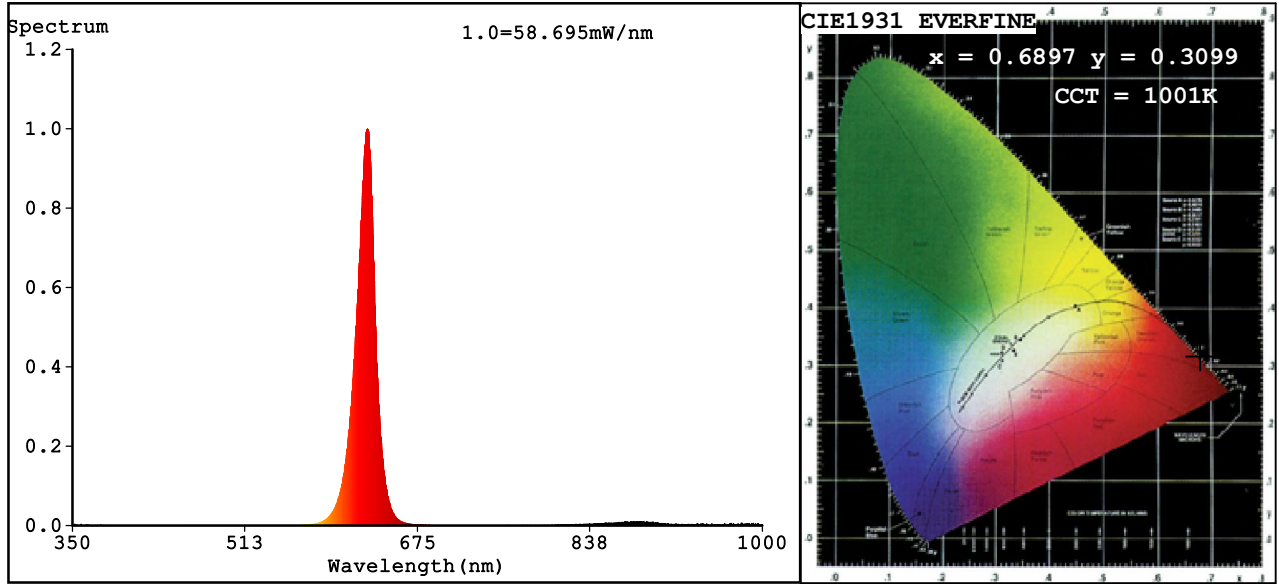
WHITE:OUT

Status: Integral T = 18 ms Ip = 49812 (76%)

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

Number:99LED675
Date:2018-02-20 15:48
Humidity:65.0%
Remarks:017V068À_4469

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6897$ $y=0.3099$ $u'=0.5167$ $v'=0.5223$
 CCT=1001K(Duv=-0.0691) Dominant WL:Ld =619.3nm Purity=99.9%
 Ratio:R=95.2% G=4.8% B=0.0%;;Peak WL:Lp=628.0nm FWHM=18.4nm
 Render Index:Ra=26.4
 R1 =7 R2 =78 R3 =30 R4 =0 R5 =1 R6 =90 R7 =5
 R8 =0 R9 =0 R10=71 R11=0 R12=79 R13=30 R14=60 R15=0

Photo Parameters:

Flux = 285.0 lm Eff. : 8.24 lm/W Fe = 1.323 W

Electrical parameters:

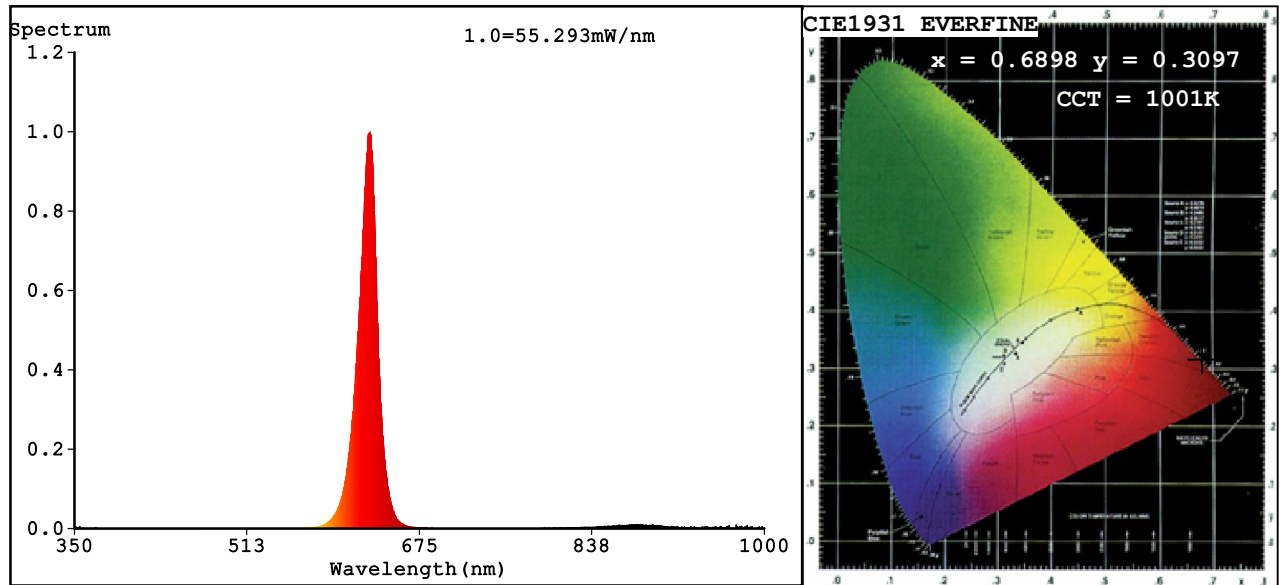
V = 12.080 V I = 2.864 A P = 34.60 W PF = 1.000

WHITE:OUT

Status: Integral T = 18 ms Ip = 49244 (75%)

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

Number:99LED675
 Date:2018-02-20 15:55
 Humidity:65.0%
 Remarks:017V068À_4469

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.6898$ $y=0.3097$ / $u'=0.5170$ $v'=0.5223$

CCT=1001K (Duv=-0.0694) Dominant WL:Ld =619.3nm Purity=99.9%

Ratio:R=95.2% G=4.8% B=0.0%;; Peak WL:Lp=628.4nm FWHM=18.4nm

Render Index:Ra=26.5

R1 = 7	R2 = 78	R3 = 30	R4 = 0	R5 = 1	R6 = 90	R7 = 5	
R8 = 0	R9 = 0	R10=71	R11=0	R12=79	R13=30	R14=60	R15=0

Photo Parameters:

Flux = 267.9 lm Eff. : 7.76 lm/W Fe = 1.250 W

Electrical parameters:

V = 12.080 V I = 2.856 A P = 34.51 W PF = 1.000

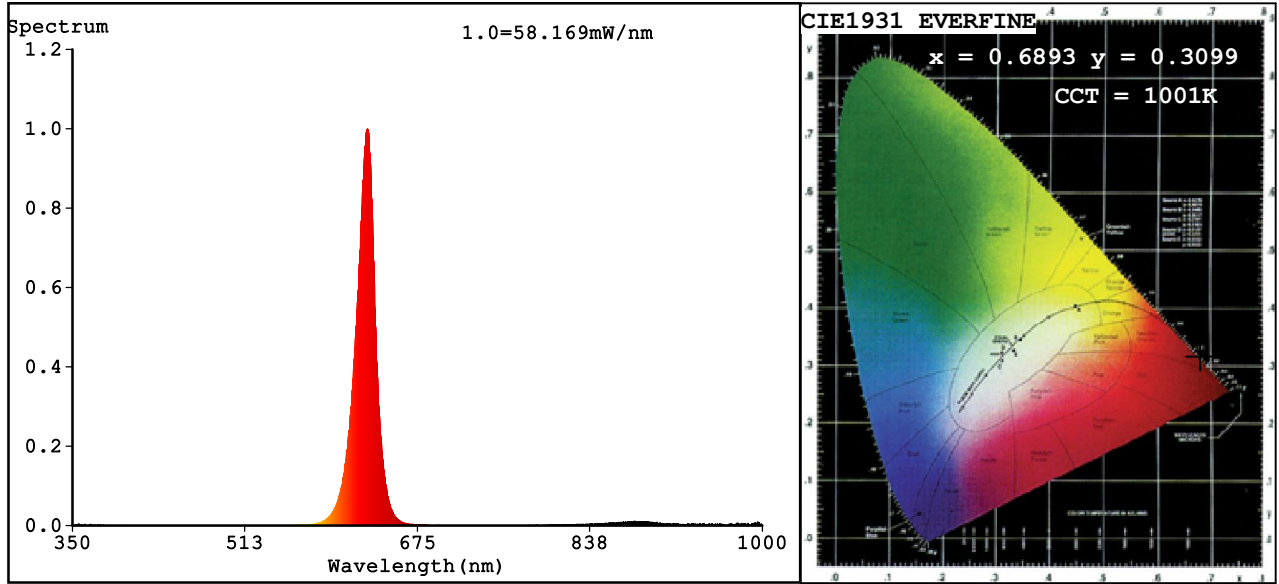
WHITE:OUT

Status: Integral T = 18 ms Ip = 46427 (71%)

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

Number:99LED675
Date:2018-02-20 16:07
Humidity:65.0%
Remarks:017V068À_4469

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6893$ $y=0.3099$ $u'=0.5163$ $v'=0.5223$
 CCT=1001K(Duv=-0.0687) Dominant WL:Ld =619.2nm Purity=99.8%
 Ratio:R=95.2% G=4.8% B=0.0%;;Peak WL:Lp=627.8nm FWHM=18.3nm
 Render Index:Ra=26.8
 R1 =8 R2 =78 R3 =30 R4 =0 R5 =2 R6 =90 R7 =6
 R8 =0 R9 =0 R10=72 R11=0 R12=78 R13=31 R14=60 R15=0

Photo Parameters:

Flux = 282.2 lm Eff. : 8.22 lm/W Fe = 1.315 W

Electrical parameters:

V = 12.080 V I = 2.843 A P = 34.34 W PF = 1.000

WHITE:OUT

Status: Integral T = 18 ms Ip = 48790 (74%)

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

Number:99LED675
 Date:2018-02-20 16:16
 Humidity:65.0%
 Remarks:017V068À_4469