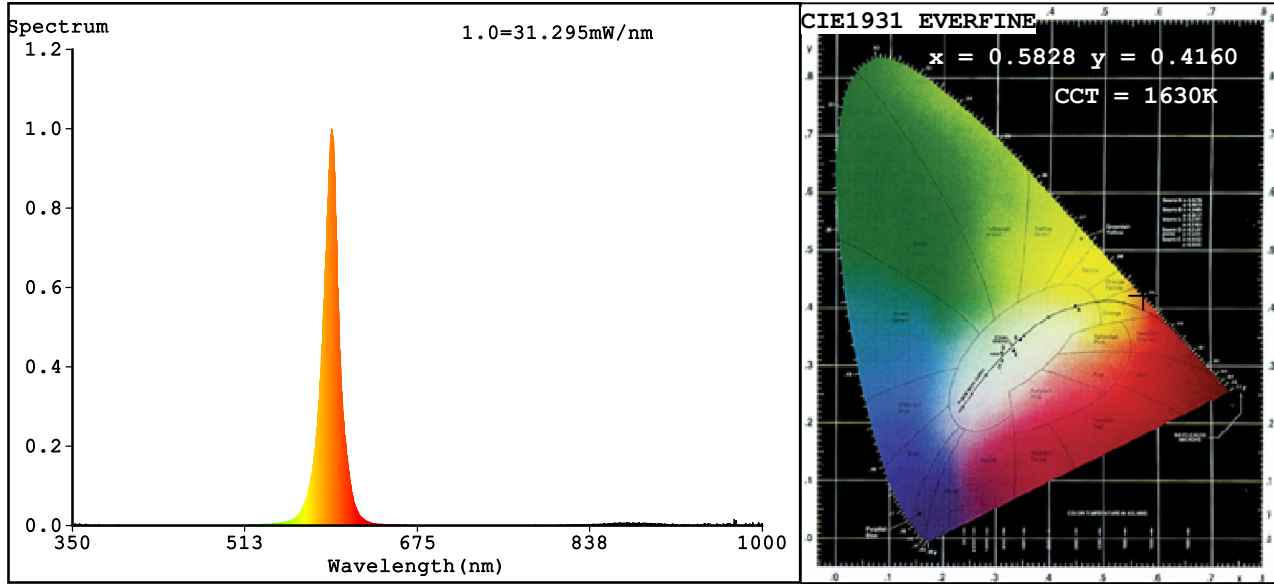


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5828$ $y=0.4160$ / $u'=0.3415$ $v'=0.5485$
 CCT=1630K (Duv=0.0051) Dominant WL:Ld =591.4nm Purity=99.8%
 Ratio:R=17.3% G=82.7% B=0.0%; Peak WL:Lp=594.5nm FWHM=15.2nm
 Render Index:Ra=13.4
 R1 =0 R2 =51 R3 =19 R4 =0 R5 =0 R6 =38 R7 =0
 R8 =0 R9 =0 R10=26 R11=0 R12=0 R13=0 R14=46 R15=0

Photo Parameters:

Flux = 292.6 lm Eff. : 9.51 lm/W Fe = 616.2 mW

Electrical parameters:

V = 11.628 V I = 2.647 A P = 30.77 W PF = 1.000

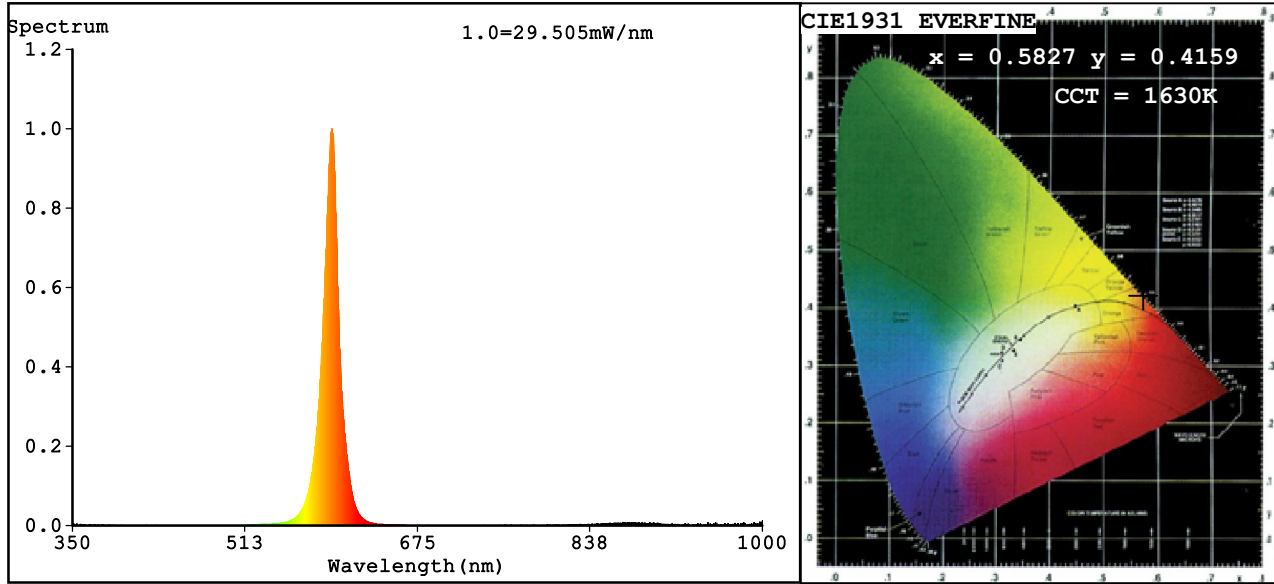
WHITE:OUT

Status: Integral T = 33 ms Ip = 50706 (77%)

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

Number:99LED672
 Date:2017-08-11 10:33
 Humidity:65.0%
 Remarks:017V019A2_3865

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5827$ $y=0.4159$ $u'=0.3415$ $v'=0.5484$

CCT=1630K (Duv=0.0051) Dominant WL:Ld =591.4nm Purity=99.7%

Ratio:R=17.4% G=82.6% B=0.0%;; Peak WL:Lp=594.5nm FWHM=15.2nm

Render Index:Ra=13.6

R1 = 0	R2 = 51	R3 = 19	R4 = 0	R5 = 0	R6 = 39	R7 = 0	
R8 = 0	R9 = 0	R10=27	R11=0	R12=0	R13=0	R14=46	R15=0

Photo Parameters:

Flux = 277.5 lm Eff. : 9.05 lm/W Fe = 588.6 mW

Electrical parameters:

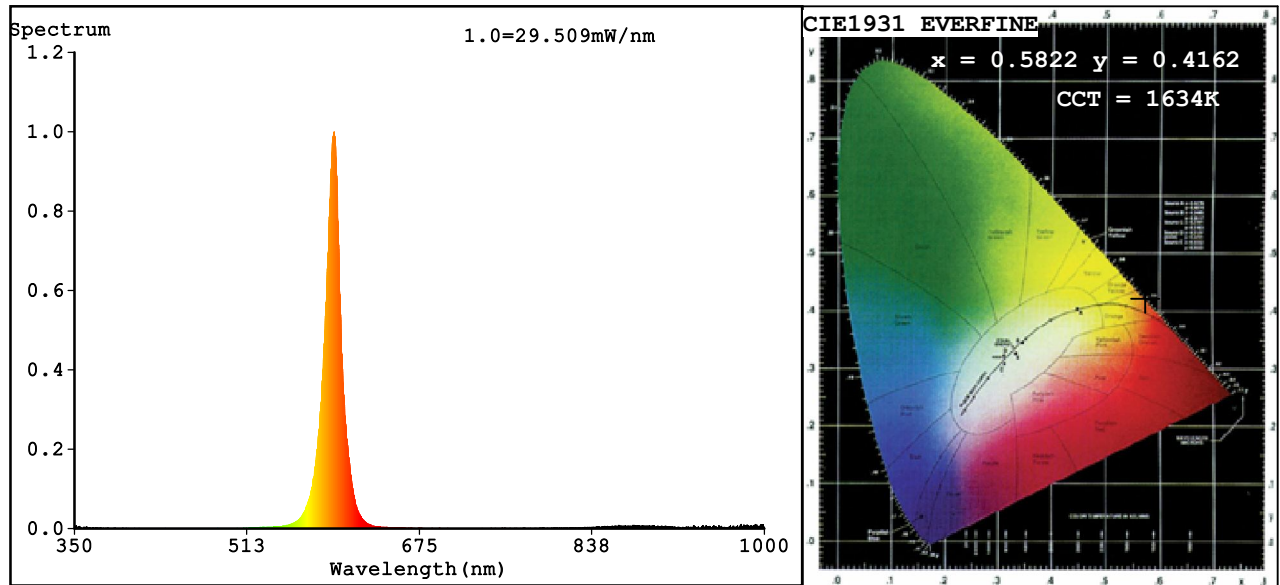
V = 11.591 V I = 2.647 A P = 30.68 W PF = 1.000

WHITE:OUT

Status: Integral T = 33 ms Ip = 47793 (73%)

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

Number:99LED672
Date:2017-08-11 10:40
Humidity:65.0%
Remarks:017V019A2_3865

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.5822$ $y=0.4162$ $u'=0.3410$ $v'=0.5484$

CCT=1634K(Duv=0.0051) Dominant WL:Ld =591.3nm Purity=99.7%

Ratio:R=17.1% G=82.8% B=0.0%;;Peak WL:Lp=594.8nm FWHM=15.1nm

Render Index:Ra=13.6

R1 = 0	R2 = 51	R3 = 19	R4 = 0	R5 = 0	R6 = 39	R7 = 0	
R8 = 0	R9 = 0	R10=27	R11=0	R12=0	R13=0	R14=46	R15=0

Photo Parameters:

Flux = 276.8 lm Eff. : 9.04 lm/W Fe = 591.3 mW

Electrical parameters:

V = 11.570 V I = 2.647 A P = 30.62 W PF = 1.000

WHITE:OUT

Status: Integral T = 33 ms Ip = 47827 (73%)

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

Number:99LED672
Date:2017-08-11 10:48
Humidity:65.0%
Remarks:017V019A2_3865