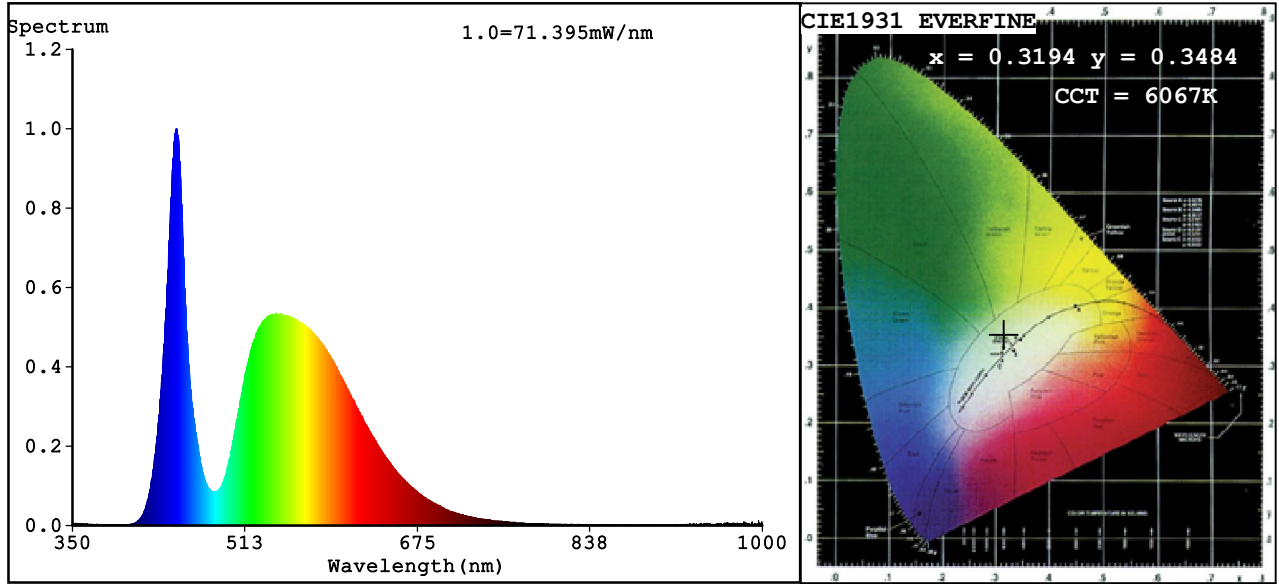


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3194$ $y=0.3484/u'=0.1953$ $v'=0.4793$
 CCT=6067K(Duv=0.0096) Dominant WL:Ld =506.6nm Purity=4.2%
 Ratio:R=11.8% G=85.0% B=3.2%;;Peak WL:Lp=447.9nm FWHM=20.1nm
 Render Index:Ra=68.9
 R1 =65 R2 =72 R3 =77 R4 =70 R5 =67 R6 =64 R7 =80
 R8 =56 R9 =0 R10=34 R11=67 R12=37 R13=66 R14=87 R15=59

Photo Parameters:

Flux = 2220 lm Eff. : 73.22 lm/W Fe = 6.651 W

Electrical parameters:

V = 12.080 V I = 2.510 A P = 30.32 W PF = 1.000

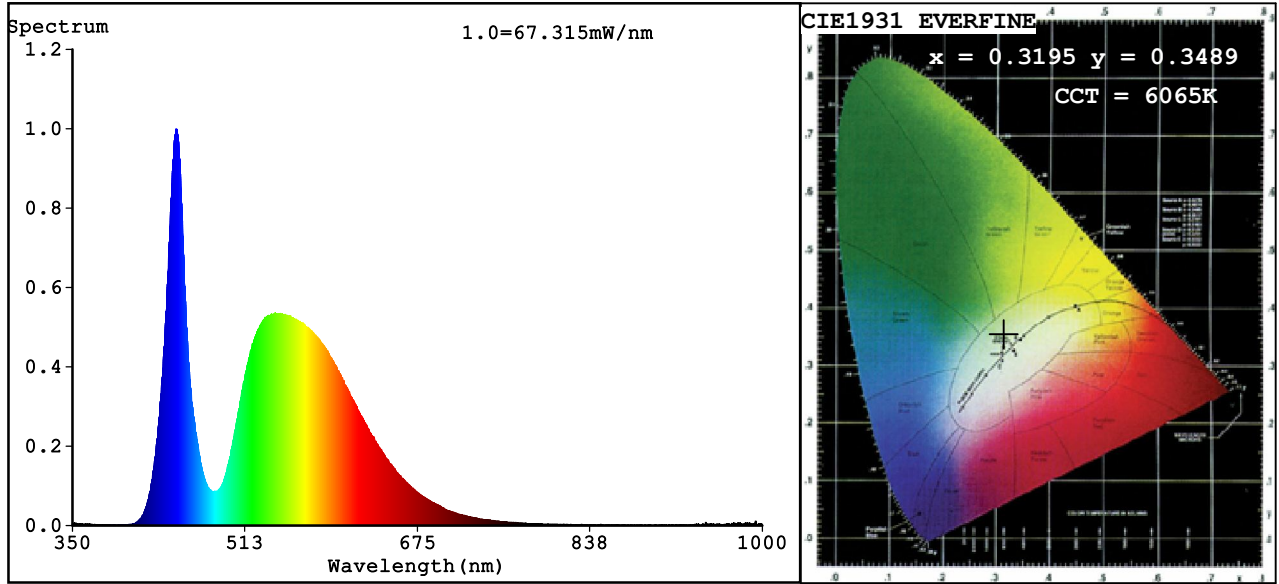
WHITE:OUT

Status: Integral T = 17 ms Ip = 52647 (80%)

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

Number:99LED678
 Date:2017-11-27 10:42
 Humidity:65.0%
 Remarks:017V047A_4188

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3195$ $y=0.3489$ / $u'=0.1951$ $v'=0.4796$
 CCT=6065K (Duv=0.0099) Dominant WL:Ld =507.3nm Purity=4.2%
 Ratio:R=11.7% G=85.0% B=3.2%;; Peak WL:Lp=447.6nm FWHM=20.1nm
 Render Index:Ra=68.9
 R1 =65 R2 =72 R3 =77 R4 =70 R5 =67 R6 =63 R7 =80
 R8 =56 R9 =0 R10=34 R11=67 R12=36 R13=66 R14=87 R15=59

Photo Parameters:

Flux = 2098 lm Eff. : 71.66 lm/W Fe = 6.268 W

Electrical parameters:

V = 12.080 V I = 2.423 A P = 29.27 W PF = 1.000

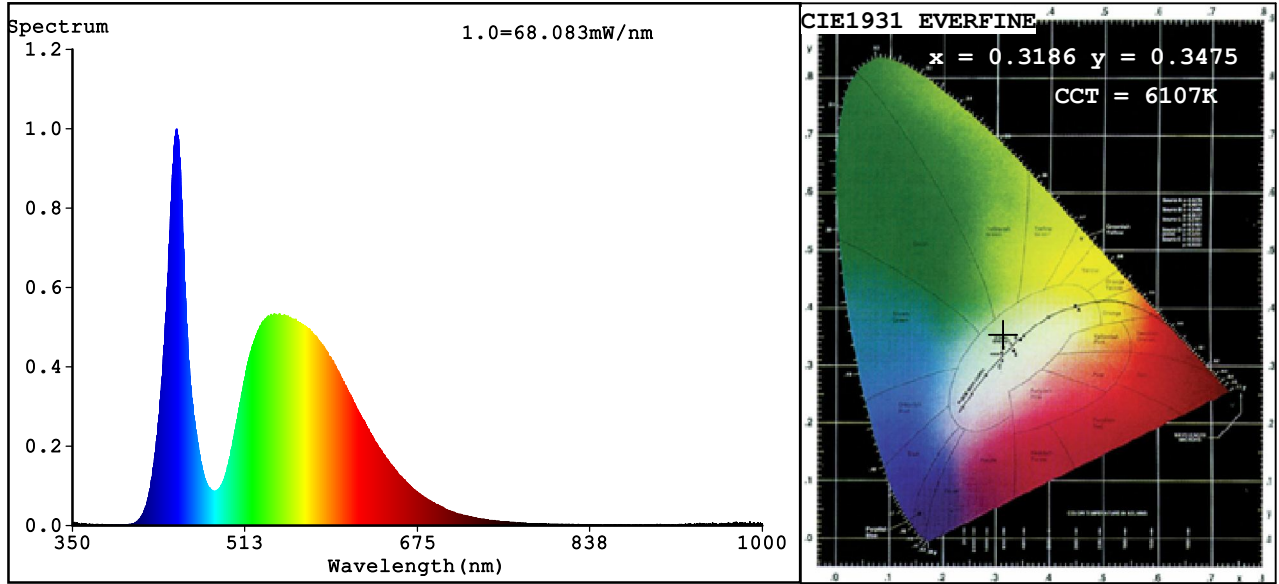
WHITE:OUT

Status: Integral T = 17 ms Ip = 49517 (76%)

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

Number:99LED678
 Date:2017-11-27 10:54
 Humidity:65.0%
 Remarks:017V047A_4188

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3186$ $y=0.3475$ $u'=0.1951$ $v'=0.4787$
 CCT=6107K (Duv=0.0095) Dominant WL:Ld =504.8nm Purity=4.5%
 Ratio:R=11.7% G=85.0% B=3.3%;; Peak WL:Lp=448.2nm FWHM=20.3nm
 Render Index:Ra=69.1
 R1 =66 R2 =72 R3 =77 R4 =70 R5 =68 R6 =64 R7 =80
 R8 =57 R9 =0 R10=34 R11=67 R12=37 R13=66 R14=87 R15=59

Photo Parameters:

Flux = 2110 lm Eff. : 71.71 lm/W Fe = 6.345 W

Electrical parameters:

V = 12.080 V I = 2.436 A P = 29.43 W PF = 1.000

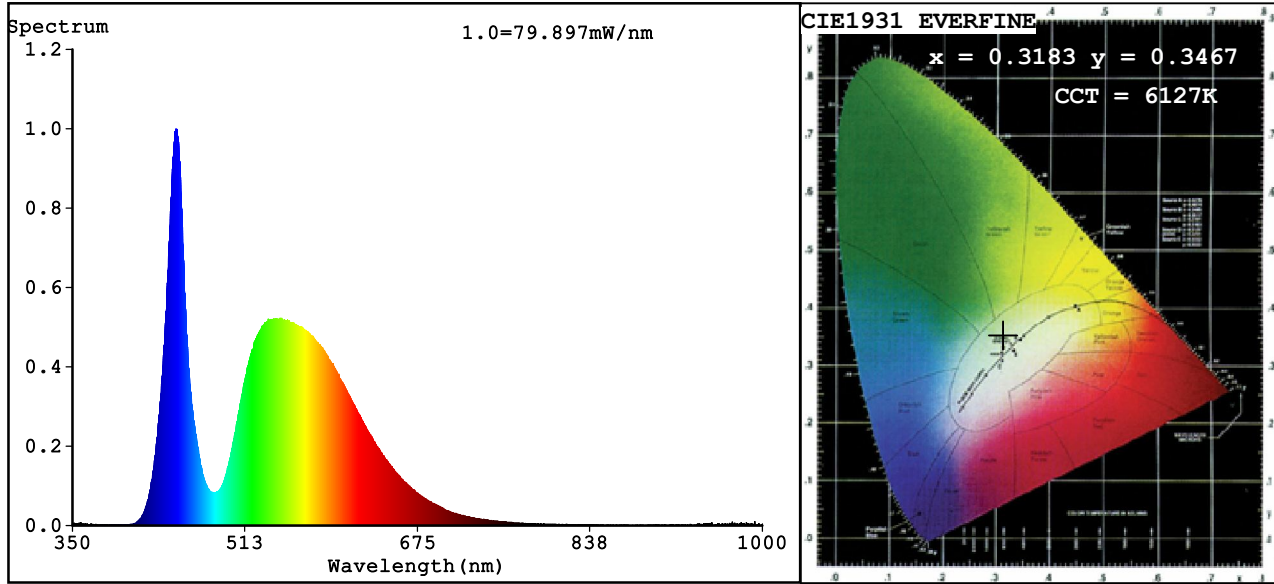
WHITE:OUT

Status: Integral T = 17 ms Ip = 50242 (77%)

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

Number:99LED678
 Date:2017-11-27 11:03
 Humidity:65.0%
 Remarks:017V047A_4188

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3183$ $y=0.3467$ / $u'=0.1952$ $v'=0.4783$
CCT=6127K (Duv=0.0093) Dominant WL:Ld =503.7nm Purity=4.6%
Ratio:R=11.7% G=85.0% B=3.3%;; Peak WL:Lp=447.5nm FWHM=20.0nm
Render Index:Ra=68.9
R1 =65 R2 =72 R3 =77 R4 =70 R5 =68 R6 =63 R7 =80
R8 =57 R9 =0 R10=34 R11=68 R12=37 R13=66 R14=87 R15=59

Photo Parameters:

Flux = 2428 lm Eff. : 79.21 lm/W Fe = 7.280 W

Electrical parameters:

V = 12.080 V I = 2.537 A P = 30.65 W PF = 1.000

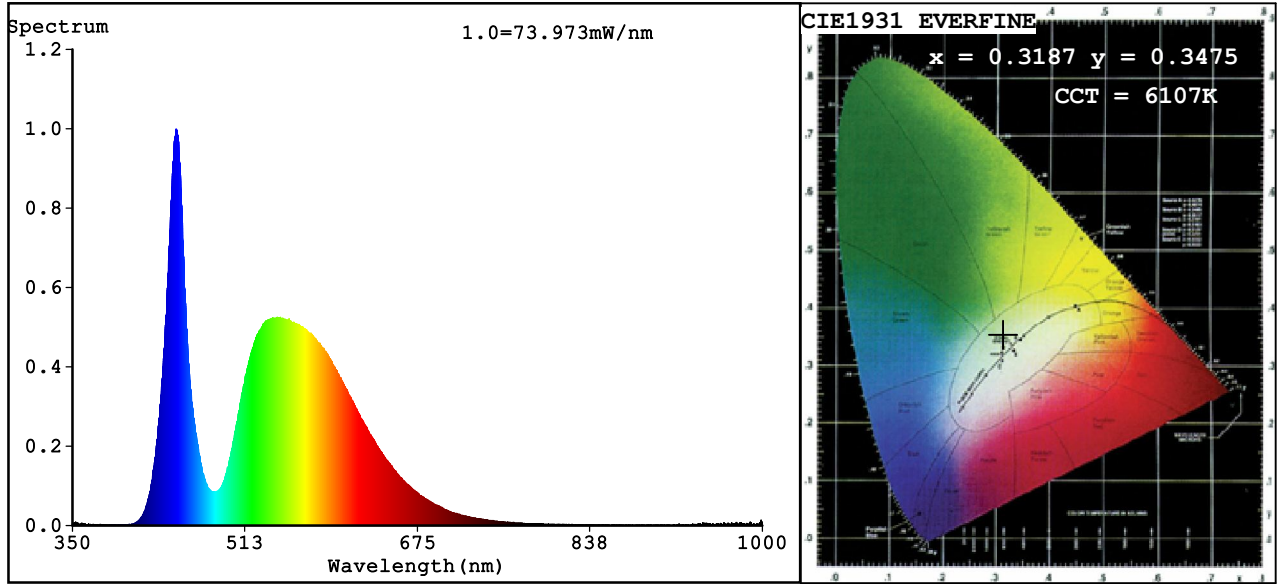
WHITE:OUT

Status: Integral T = 13 ms Ip = 44958 (69%)

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

Number:99LED678
Date:2017-11-27 11:16
Humidity:65.0%
Remarks:017V047A_4188

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3187$ $y=0.3475$ $u'=0.1951$ $v'=0.4787$
 CCT=6107K(Duv=0.0095) Dominant WL:Ld =504.8nm Purity=4.5%
 Ratio:R=11.7% G=85.0% B=3.3%;;Peak WL:Lp=447.6nm FWHM=20.0nm
 Render Index:Ra=69.0
 R1 =65 R2 =72 R3 =77 R4 =70 R5 =67 R6 =64 R7 =80
 R8 =57 R9 =0 R10=34 R11=67 R12=37 R13=66 R14=87 R15=59

Photo Parameters:

Flux = 2260 lm Eff. : 76.18 lm/W Fe = 6.775 W

Electrical parameters:

V = 12.080 V I = 2.456 A P = 29.67 W PF = 1.000

WHITE:OUT

Status: Integral T = 13 ms Ip = 41552 (63%)

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

Number:99LED678
 Date:2017-11-27 11:20
 Humidity:65.0%
 Remarks:017V047A_4188