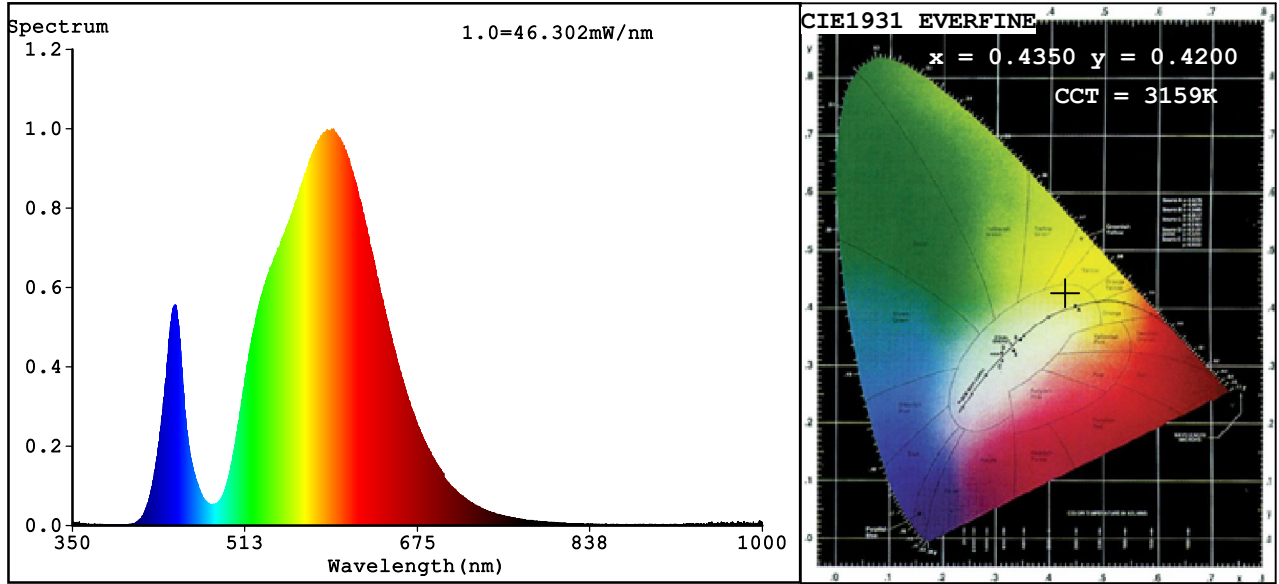


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4350$ $y=0.4200$ / $u'=0.2427$ $v'=0.5272$
 CCT=3159K (Duv=0.0066) Dominant WL:Ld =580.0nm Purity=56.6%
 Ratio:R=19.8% G=79.0% B=1.2%;; Peak WL:Lp=596.1nm FWHM=126.6nm
 Render Index:Ra=69.6
 R1 =66 R2 =77 R3 =86 R4 =69 R5 =64 R6 =67 R7 =81
 R8 =47 R9 =0 R10=45 R11=63 R12=35 R13=67 R14=92 R15=59

Photo Parameters:

Flux = 2383 lm Eff. : 77.93 lm/W Fe = 6.622 W

Electrical parameters:

V = 12.053 V I = 2.537 A P = 30.57 W PF = 1.000

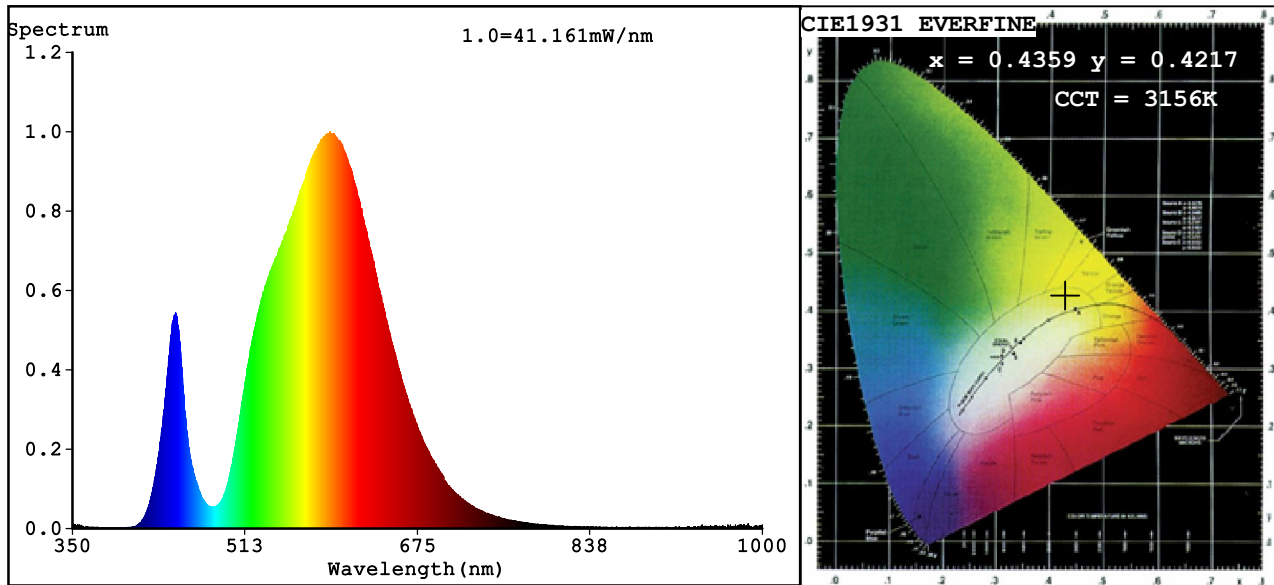
WHITE:OUT

Status: Integral T = 22 ms Ip = 51886 (79%)

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

Number:99LED677
 Date:2017-11-28 09:03
 Humidity:65.0%
 Remarks:O17V047A_4188

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4359$ $y=0.4217$ / $u'=0.2426$ $v'=0.5280$

CCT=3156K(Duv=0.0071) Dominant WL:Ld =579.9nm Purity=57.4%

Ratio:R=19.8% G=79.0% B=1.2%;; Peak WL:Lp=592.8nm FWHM=126.8nm

Render Index:Ra=69.7

R1 =66 R2 =77 R3 =87 R4 =69 R5 =64 R6 =67 R7 =81

R8 =47 R9 =0 R10=45 R11=63 R12=35 R13=67 R14=92 R15=59

Photo Parameters:

Flux = 2116 lm Eff. : 71.49 lm/W Fe = 5.871 W

Electrical parameters:

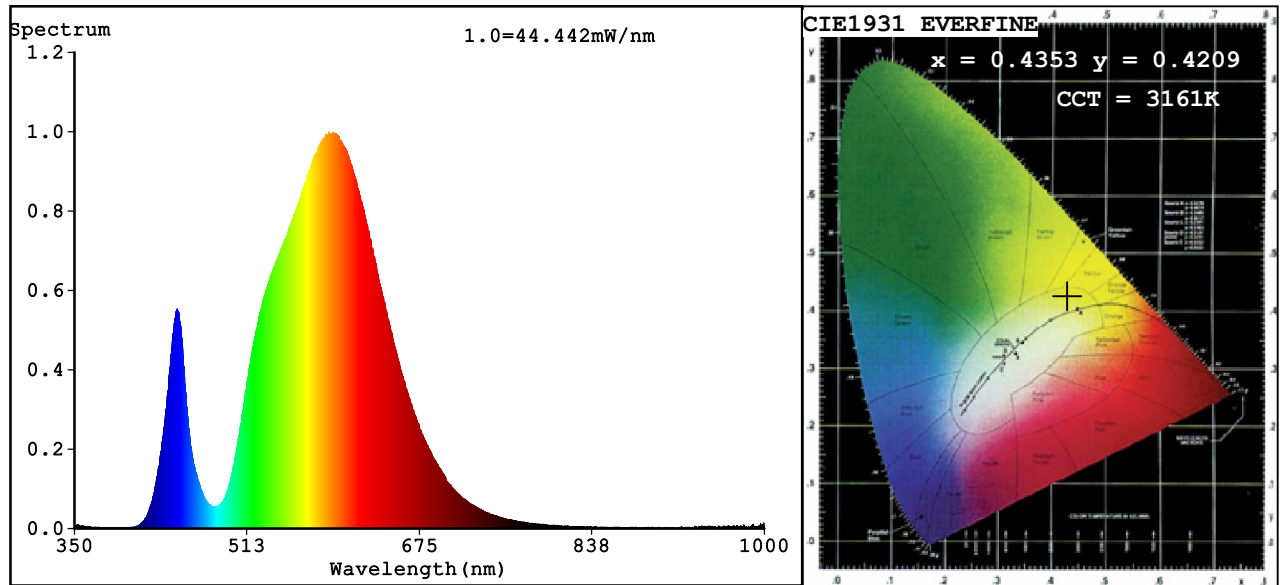
V = 12.080 V I = 2.450 A P = 29.60 W PF = 1.000

WHITE:OUT

Status: Integral T = 22 ms Ip = 45956 (70%)

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

Number:99LED677
Date:2017-11-28 09:11
Humidity:65.0%
Remarks:017V047A_4188

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.4353$ $y=0.4209$ $u'=0.2425$ $v'=0.5276$

CCT=3161K(Duv=0.0069) Dominant WL:Ld =579.9nm Purity=57.0%

Ratio:R=19.8% G=79.0% B=1.2%;;Peak WL:Lp=589.5nm FWHM=126.6nm

Render Index:Ra=69.7

R1 =66 R2 =77 R3 =87 R4 =69 R5 =64 R6 =67 R7 =81

R8 =47 R9 =0 R10=46 R11=63 R12=35 R13=67 R14=92 R15=59

Photo Parameters:

Flux = 2286 lm Eff. : 75.76 lm/W Fe = 6.341 W

Electrical parameters:

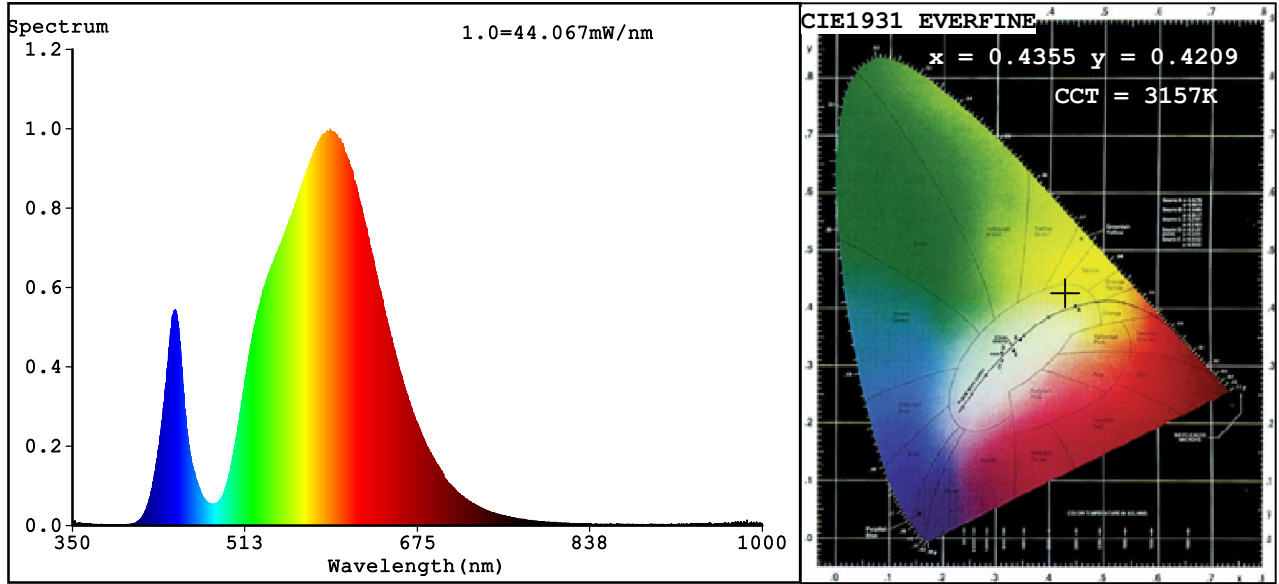
V = 12.080 V I = 2.498 A P = 30.17 W PF = 1.000

WHITE:OUT

Status: Integral T = 22 ms Ip = 49880 (76%)

Model:LED-5050-60-WW/14.4W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99LED677
Date:2017-11-28 09:38
Humidity:65.0%
Remarks:017V047A_4188

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4355$ $y=0.4209$ $u'=0.2426$ $v'=0.5276$
 CCT=3157K (Duv=0.0068) Dominant WL:Ld =580.0nm Purity=57.1%
 Ratio:R=19.8% G=79.0% B=1.2%;; Peak WL:Lp=592.8nm FWHM=126.7nm
 Render Index:Ra=69.6
 R1 =66 R2 =77 R3 =87 R4 =69 R5 =64 R6 =67 R7 =81
 R8 =47 R9 =0 R10=45 R11=63 R12=35 R13=67 R14=92 R15=59

Photo Parameters:

Flux = 2260 lm Eff. : 75.96 lm/W Fe = 6.279 W

Electrical parameters:

V = 12.080 V I = 2.463 A P = 29.75 W PF = 1.000

WHITE:OUT

Status: Integral T = 22 ms Ip = 49254 (75%)

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

Number:99LED677
 Date:2017-11-28 10:45
 Humidity:65.0%
 Remarks:O17V047A_4188