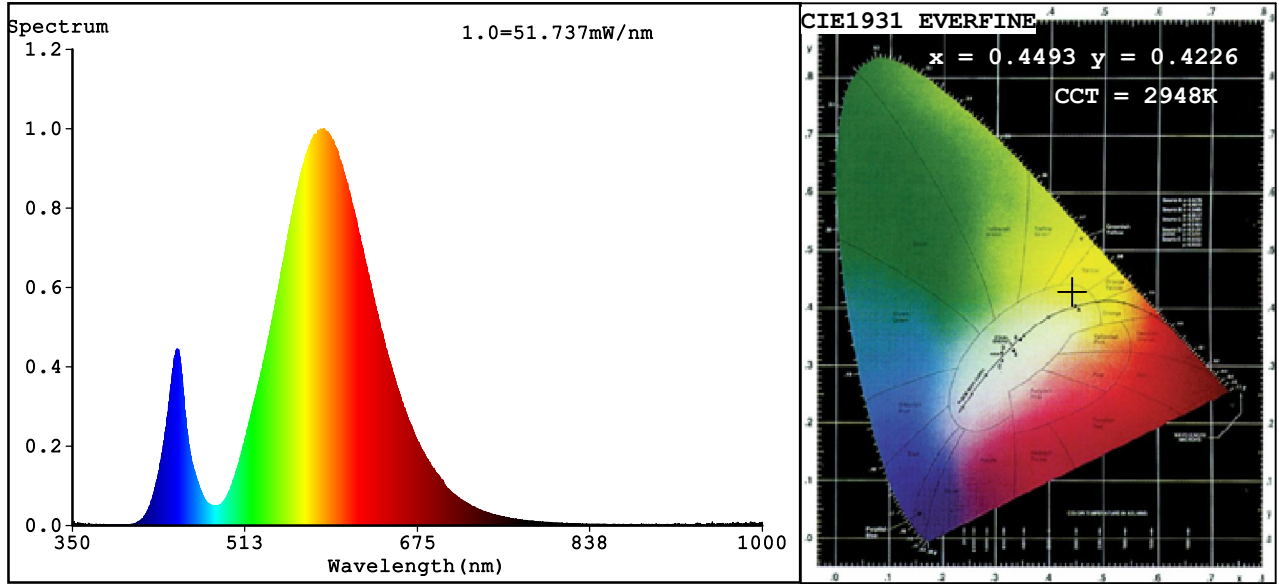


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4493$ $y=0.4226$ $u'=0.2506$ $v'=0.5303$
 CCT=2948K (Duv=0.0055) Dominant WL:Ld =581.3nm Purity=61.7%
 Ratio:R=19.5% G=79.4% B=1.1%;; Peak WL:Lp=586.1nm FWHM=103.7nm
 Render Index:Ra=60.5
 R1 =54 R2 =72 R3 =89 R4 =53 R5 =51 R6 =58 R7 =75
 R8 =31 R9 =0 R10=36 R11=40 R12=21 R13=56 R14=93 R15=47

Photo Parameters:

Flux = 2438 lm Eff. : 76.12 lm/W Fe = 6.543 W

Electrical parameters:

V = 12.080 V I = 2.651 A P = 32.02 W PF = 1.000

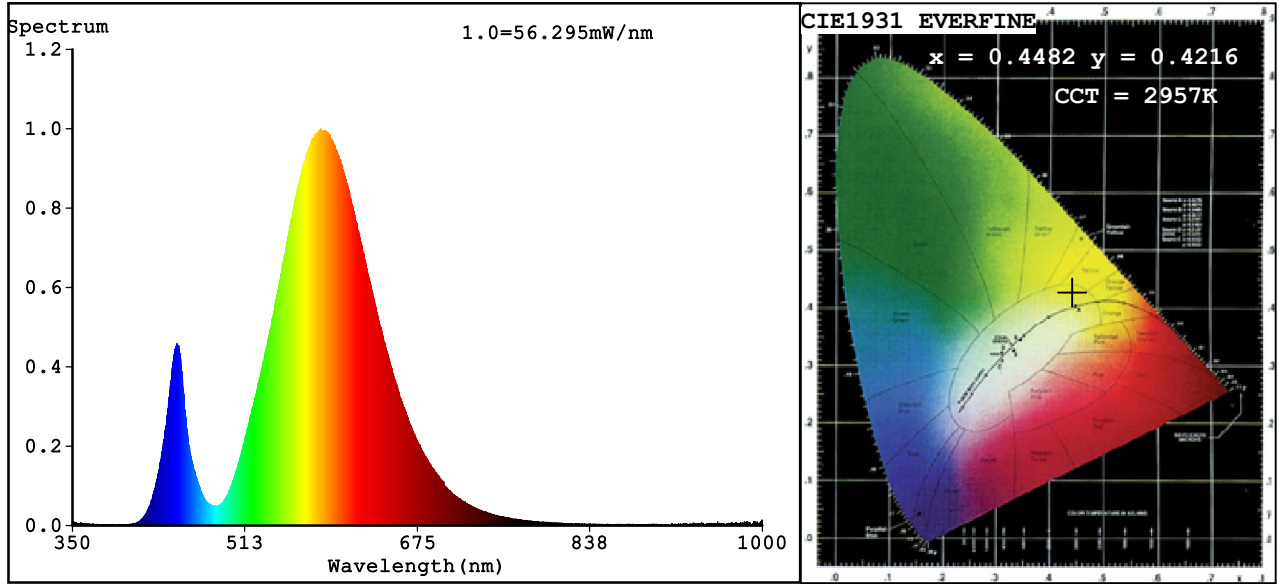
WHITE:ANSI_3000K

Status: Integral T = 20 ms Ip = 53803 (82%)

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

Number:99LED670
 Date:2017-08-10 16:30
 Humidity:65.0%
 Remarks:017V019A2_3865

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4482$ $y=0.4216$ $u'=0.2503$ $v'=0.5297$
 CCT=2957K (Duv=0.0053) Dominant WL:Ld =581.3nm Purity=61.1%
 Ratio:R=19.5% G=79.4% B=1.1%;; Peak WL:Lp=584.1nm FWHM=103.2nm
 Render Index:Ra=60.6
 R1 =54 R2 =72 R3 =89 R4 =53 R5 =52 R6 =58 R7 =75
 R8 =31 R9 =0 R10=37 R11=41 R12=22 R13=57 R14=93 R15=48

Photo Parameters:

Flux = 2646 lm Eff. : 83.07 lm/W Fe = 7.107 W

Electrical parameters:

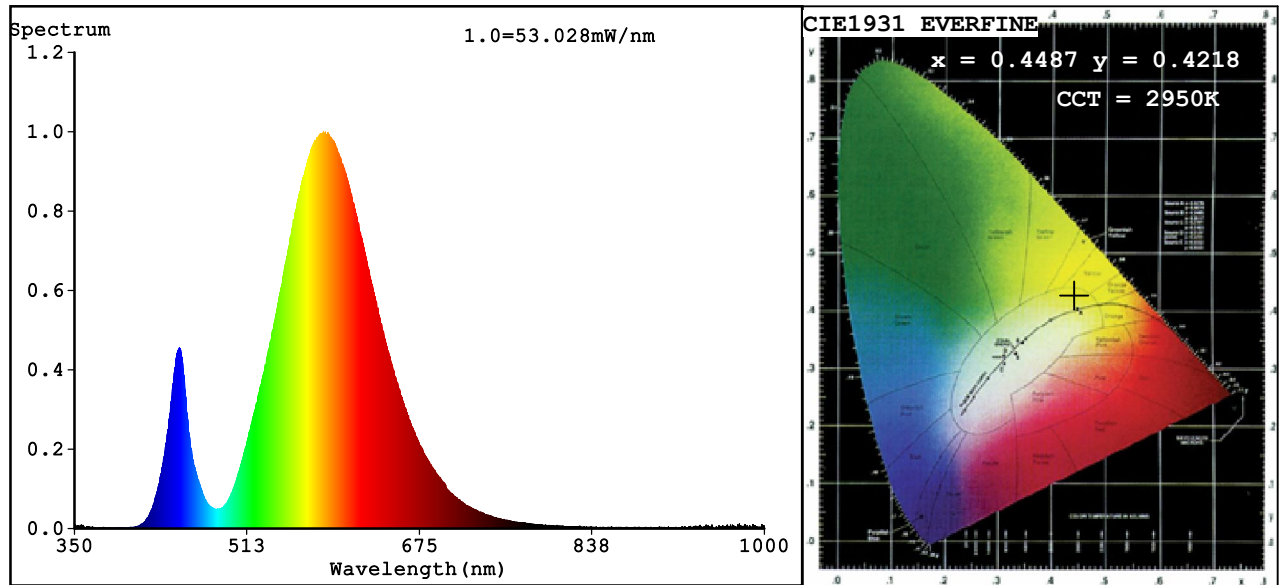
V = 12.080 V I = 2.637 A P = 31.85 W PF = 1.000

WHITE:ANSI_3000K

Status: Integral T = 16 ms Ip = 46682 (71%)

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

Number:99LED670
 Date:2017-08-10 16:46
 Humidity:65.0%
 Remarks:017V019A2_3865

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.4487$ $y=0.4218$ $u'=0.2505$ $v'=0.5299$

CCT=2950K(Duv=0.0053) Dominant WL:Ld =581.4nm Purity=61.3%

Ratio:R=19.6% G=79.4% B=1.1%;;Peak WL:Lp=584.5nm FWHM=103.9nm

Render Index:Ra=60.6

R1 =54 R2 =73 R3 =89 R4 =53 R5 =52 R6 =58 R7 =75

R8 =31 R9 =0 R10=37 R11=41 R12=22 R13=57 R14=93 R15=48

Photo Parameters:

Flux = 2493 lm Eff. : 79.12 lm/W Fe = 6.697 W

Electrical parameters:

V = 12.080 V I = 2.608 A P = 31.50 W PF = 1.000

WHITE:ANSI_3000K

Status: Integral T = 16 ms Ip = 43976 (67%)

Model:LED-5050-60-WW/14.4W/m
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99LED670
Date:2017-08-10 16:52
Humidity:65.0%
Remarks:017V019A2_3865