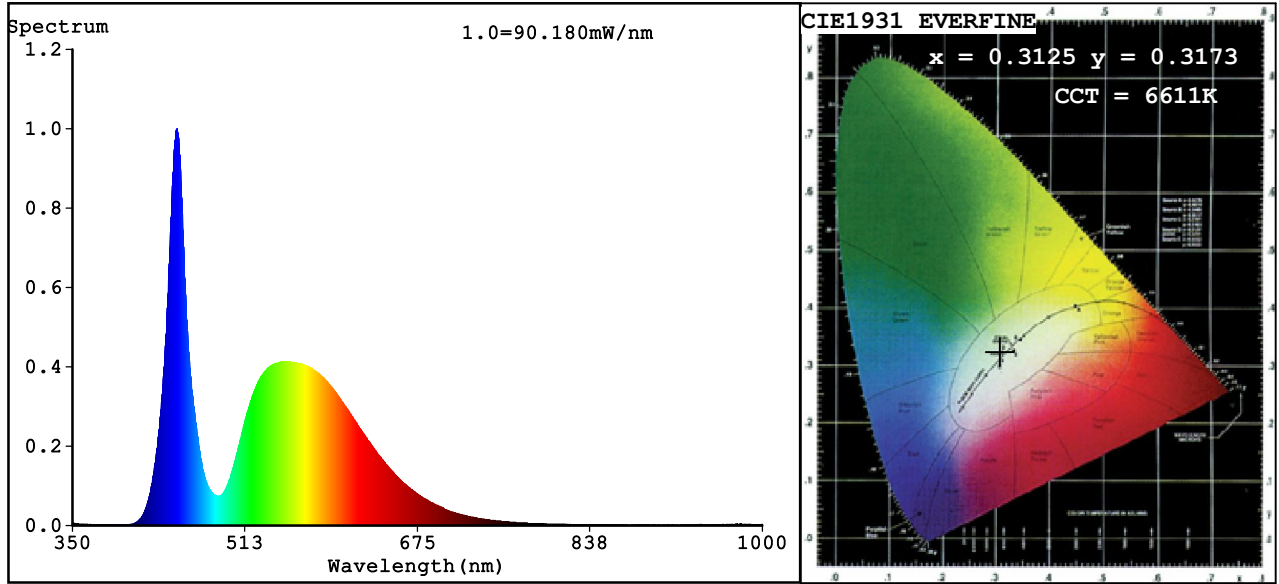


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3125$ $y=0.3173$ $u'=0.2022$ $v'=0.4619$
 CCT=6611K (Duv=-0.0029) Dominant WL:Ld =480.9nm Purity=8.5%
 Ratio:R=12.8% G=83.4% B=3.8%;; Peak WL:Lp=448.9nm FWHM=19.5nm
 Render Index:Ra=73.6
 R1 =74 R2 =76 R3 =74 R4 =76 R5 =74 R6 =66 R7 =81
 R8 =67 R9 =0 R10=40 R11=74 R12=40 R13=74 R14=85 R15=72

Photo Parameters:

Flux = 2222 lm Eff. : 83.92 lm/W Fe = 7.178 W

Electrical parameters:

V = 12.080 V I = 2.191 A P = 26.47 W PF = 1.000

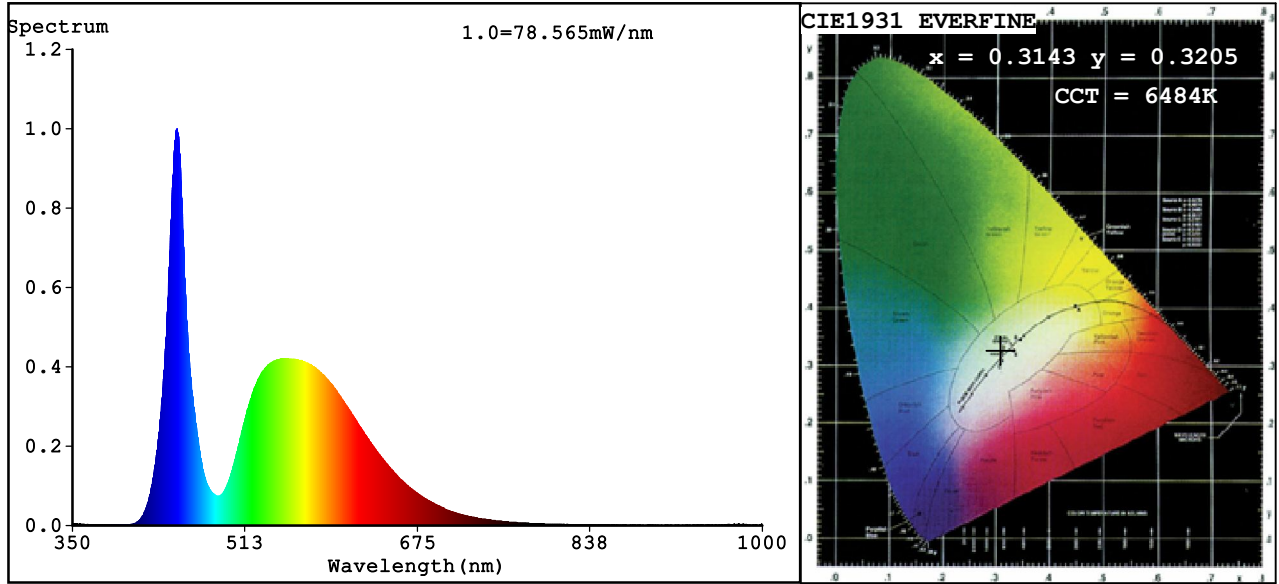
WHITE:ANSI_6500K

Status: Integral T = 12 ms Ip = 46904 (72%)

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

Number:99LED671
 Date:2018-05-18 15:58
 Humidity:65.0%
 Remarks:017V077A_4536

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3143$ $y=0.3205$ $u'=0.2022$ $v'=0.4639$
 CCT=6484K(Duv=-0.0021) Dominant WL:Ld =482.4nm Purity=7.6%
 Ratio:R=12.8% G=83.5% B=3.8%;;Peak WL:Lp=448.6nm FWHM=19.3nm
 Render Index:Ra=73.3
 R1 =74 R2 =76 R3 =74 R4 =76 R5 =74 R6 =66 R7 =81
 R8 =66 R9 =0 R10=40 R11=73 R12=40 R13=73 R14=85 R15=71

Photo Parameters:

Flux = 1970 lm Eff. : 77.71 lm/W Fe = 6.314 W

Electrical parameters:

V = 12.080 V I = 2.099 A P = 25.36 W PF = 1.000

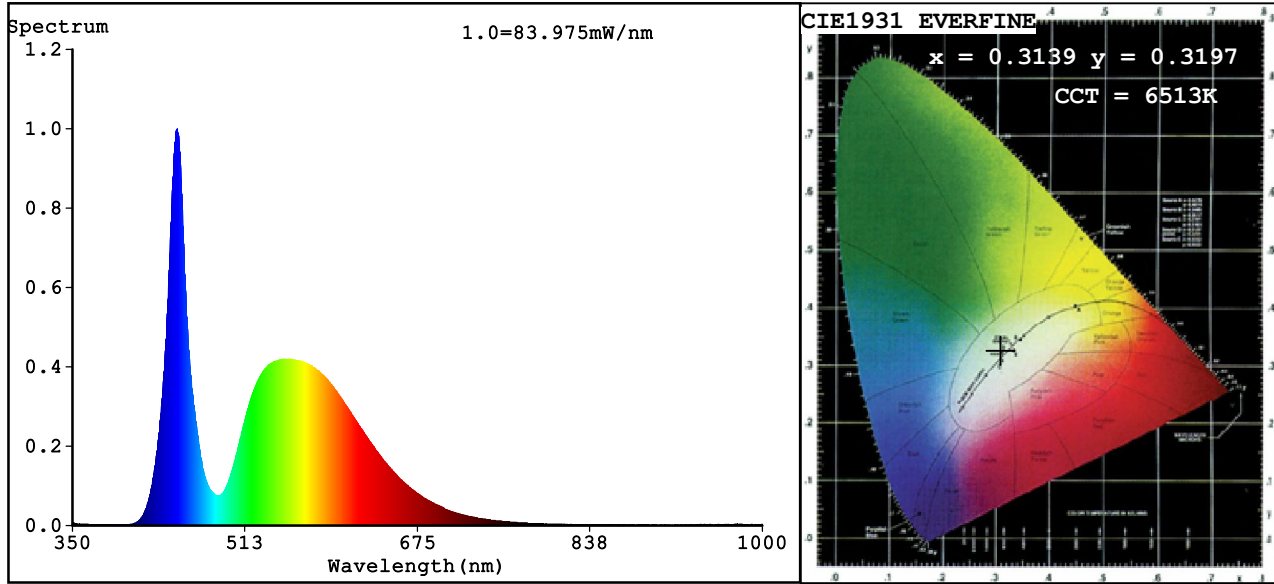
WHITE:ANSI_6500K

Status: Integral T = 12 ms Ip = 40806 (62%)

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

Number:99LED671
 Date:2018-05-18 16:11
 Humidity:65.0%
 Remarks:017V077A_4536

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3139$ $y=0.3197$ $u'=0.2022$ $v'=0.4634$

CCT=6513K(Duv=-0.0023) Dominant WL:Ld =482.1nm Purity=7.8%

Ratio:R=12.8% G=83.4% B=3.8%;;Peak WL:Lp=448.6nm FWHM=19.4nm

Render Index:Ra=73.5

R1 =74	R2 =76	R3 =74	R4 =76	R5 =74	R6 =66	R7 =81	
R8 =66	R9 =0	R10=40	R11=73	R12=40	R13=73	R14=85	R15=72

Photo Parameters:

Flux = 2099 lm Eff. : 83.00 lm/W Fe = 6.745 W

Electrical parameters:

V = 12.080 V I = 2.093 A P = 25.29 W PF = 1.000

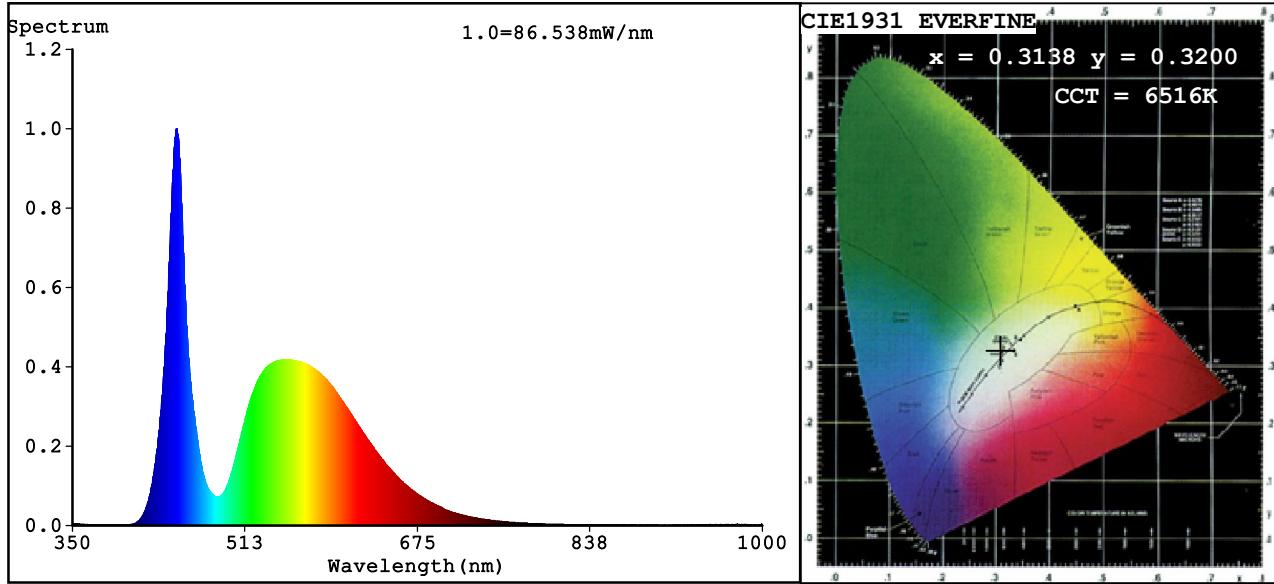
WHITE:ANSI_6500K

Status: Integral T = 12 ms Ip = 43646 (67%)

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

Number:99LED671
Date:2018-05-18 16:20
Humidity:65.0%
Remarks:017V077A_4536

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3138$ $y=0.3200$ $u'=0.2020$ $v'=0.4636$

CCT=6516K (Duv=-0.0020) Dominant WL:Ld =482.4nm Purity=7.8%

Ratio:R=12.7% G=83.6% B=3.7%;; Peak WL:Lp=448.6nm FWHM=19.2nm

Render Index:Ra=73.1

R1 =73	R2 =76	R3 =74	R4 =76	R5 =74	R6 =66	R7 =81	
R8 =66	R9 =0	R10=39	R11=73	R12=40	R13=73	R14=85	R15=71

Photo Parameters:

Flux = 2154 lm Eff. : 83.50 lm/W Fe = 6.907 W

Electrical parameters:

V = 12.080 V I = 2.135 A P = 25.80 W PF = 1.000

WHITE:ANSI_6500K

Status: Integral T = 12 ms Ip = 45000 (69%)

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

Number:99LED671
Date:2018-05-18 16:27
Humidity:65.0%
Remarks:017V077A_4536