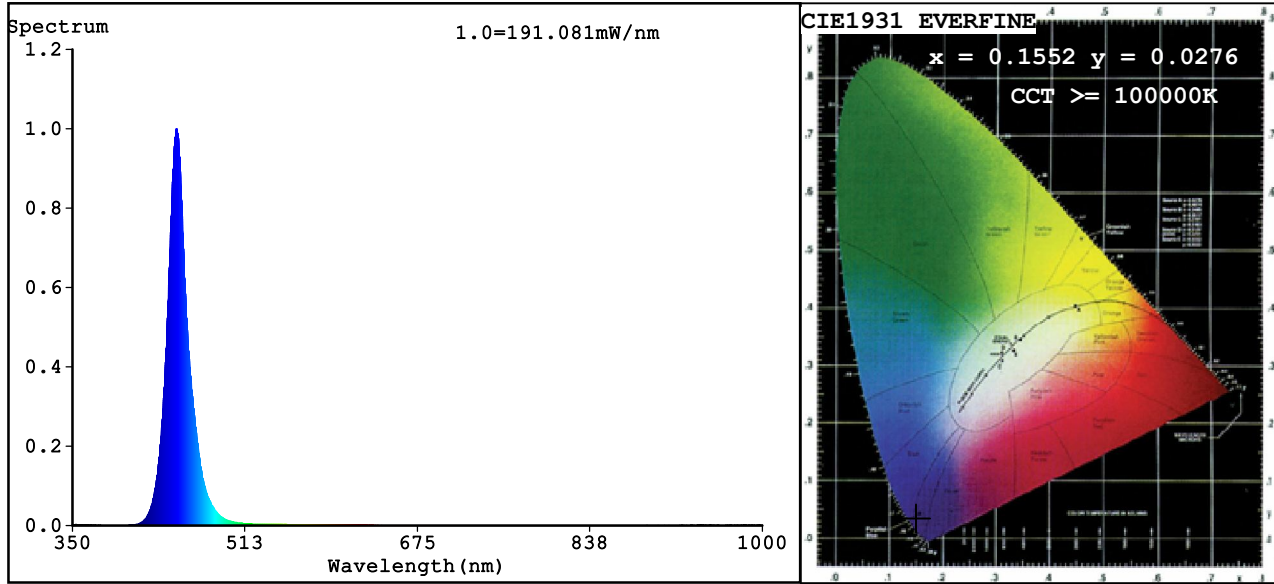


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1552$ $y=0.0276$ $u'=0.2055$ $v'=0.0821$

CCT=100000K (Duv=-0.2127) Dominant WL:Ld =454.2nm Purity=98.2%

Ratio:R=1.4% G=17.1% B=81.5%;; Peak WL:Lp=447.9nm FWHM=19.0nm

Render Index:Ra=2.3

R1 = 3	R2 = 0	R3 = 0	R4 = 0	R5 = 15	R6 = 0	R7 = 0	
R8 = 0	R9 = 0	R10=0	R11=0	R12=0	R13=0	R14=0	R15=18

Photo Parameters:

Flux = 169.3 lm Eff. : 6.40 lm/W Fe = 4.595 W

Electrical parameters:

V = 12.080 V I = 2.190 A P = 26.46 W PF = 1.000

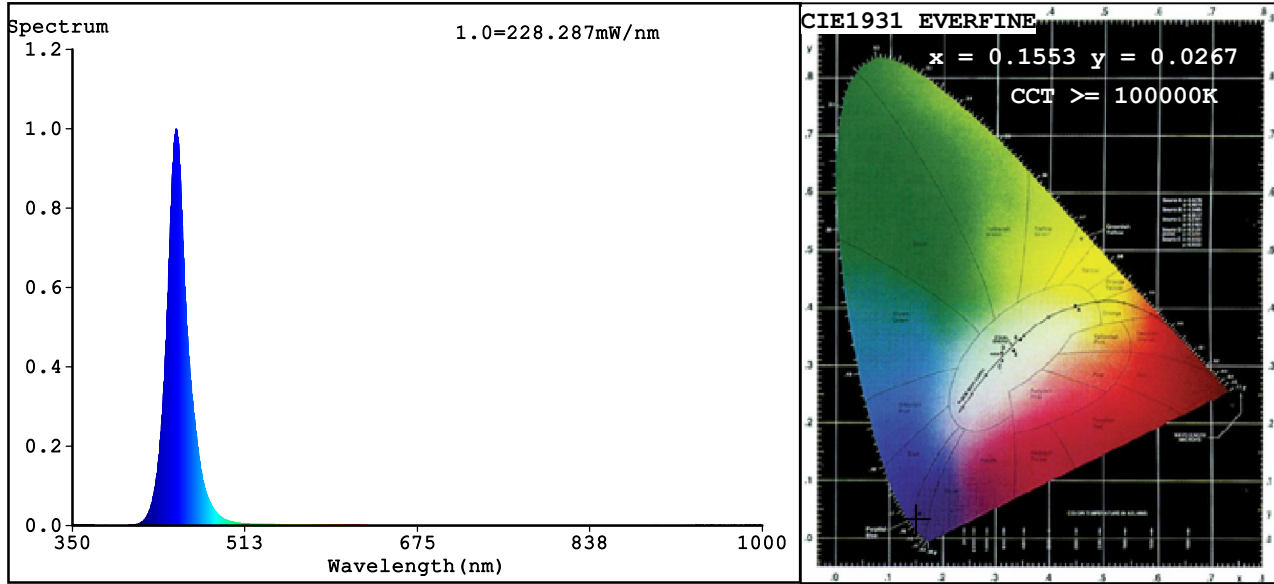
WHITE:OUT

Status: Integral T = 5 ms Ip = 41440 (63%)

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

Number:99LED674
Date:2018-02-20 10:23
Humidity:65.0%
Remarks:017V068À_4469

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1553$ $y=0.0267$ / $u'=0.2064$ $v'=0.0800$
CCT=100000K (Duv=-0.2142) Dominant WL:Ld =453.9nm Purity=98.3%
Ratio:R=1.3% G=16.1% B=82.6%;; Peak WL:Lp=447.9nm FWHM=19.0nm
Render Index:Ra=1.8
R1 =1 R2 =0 R3 =0 R4 =0 R5 =13 R6 =0 R7 =0
R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=16

Photo Parameters:

Flux = 195.7 lm Eff. : 7.24 lm/W Fe = 5.460 W

Electrical parameters:

V = 12.080 V I = 2.236 A P = 27.02 W PF = 1.000

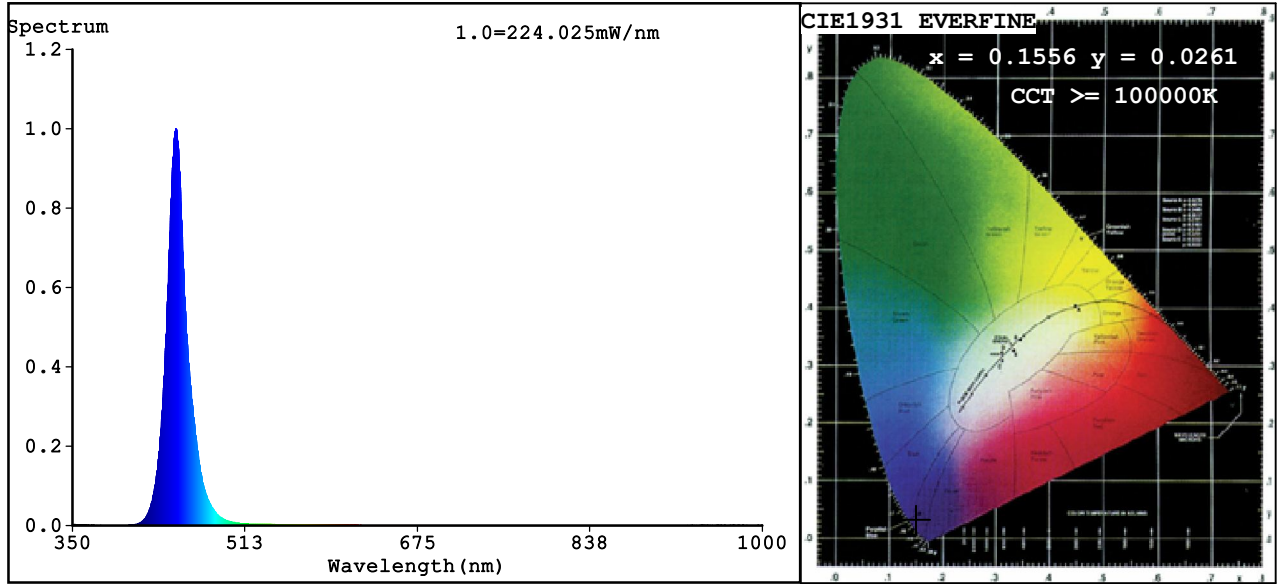
WHITE:OUT

Status: Integral T = 5 ms Ip = 49382 (75%)

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

Number:99LED674
Date:2018-02-20 10:32
Humidity:65.0%
Remarks:017V068À_4469

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1556$ $y=0.0261$ / $u'=0.2074$ $v'=0.0782$
 CCT=100000K (Duv=-0.2155) Dominant WL:Ld =453.5nm Purity=98.4%
 Ratio:R=1.2% G=15.6% B=83.2%;; Peak WL:Lp=447.8nm FWHM=18.9nm
 Render Index:Ra=1.6
 R1 =0 R2 =0 R3 =0 R4 =0 R5 =13 R6 =0 R7 =0
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=16

Photo Parameters:

Flux = 186.2 lm Eff. : 6.90 lm/W Fe = 5.316 W

Electrical parameters:

V = 11.987 V I = 2.250 A P = 26.97 W PF = 1.000

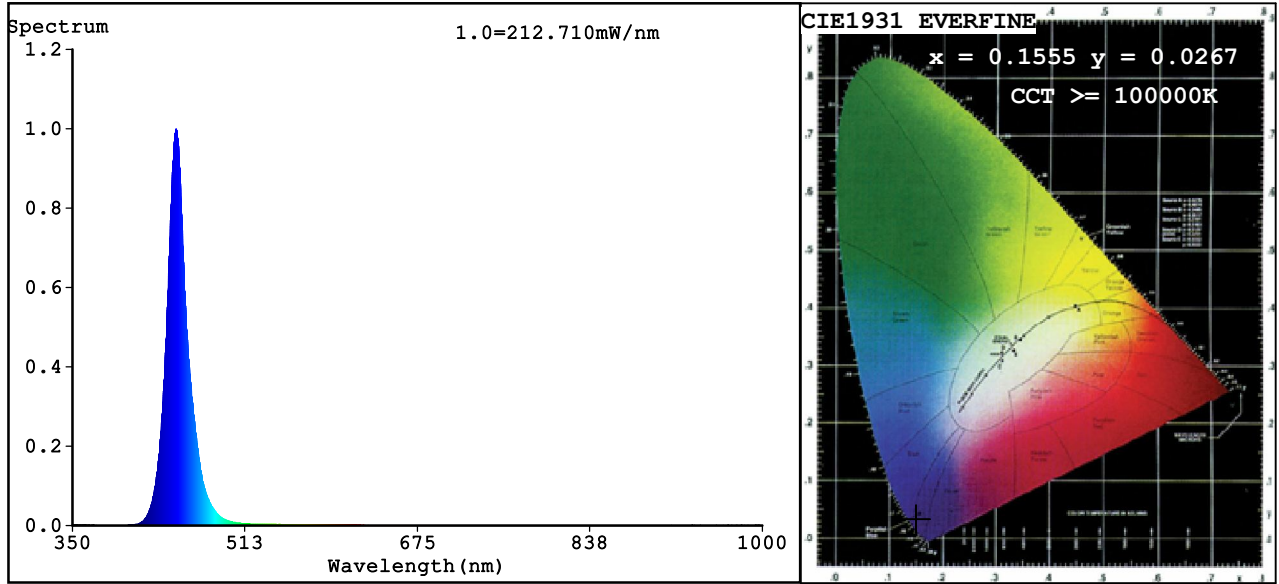
WHITE:OUT

Status: Integral T = 5 ms Ip = 48461 (74%)

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

Number:99LED674
 Date:2018-02-20 10:42
 Humidity:65.0%
 Remarks:017V068À_4469

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1555$ $y=0.0267$ / $u'=0.2067$ $v'=0.0798$
 CCT=100000K (Duv=-0.2143) Dominant WL:Ld =453.8nm Purity=98.3%
 Ratio:R=1.3% G=16.5% B=82.2%;; Peak WL:Lp=447.6nm FWHM=18.9nm
 Render Index:Ra=1.9
 R1 =1 R2 =0 R3 =0 R4 =0 R5 =14 R6 =0 R7 =0
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=17

Photo Parameters:

Flux = 181.2 lm Eff. : 6.73 lm/W Fe = 5.055 W

Electrical parameters:

V = 11.966 V I = 2.250 A P = 26.92 W PF = 1.000

WHITE:OUT

Status: Integral T = 5 ms Ip = 45952 (70%)

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

Number:99LED674
 Date:2018-02-20 10:56
 Humidity:65.0%
 Remarks:017V068À_4469