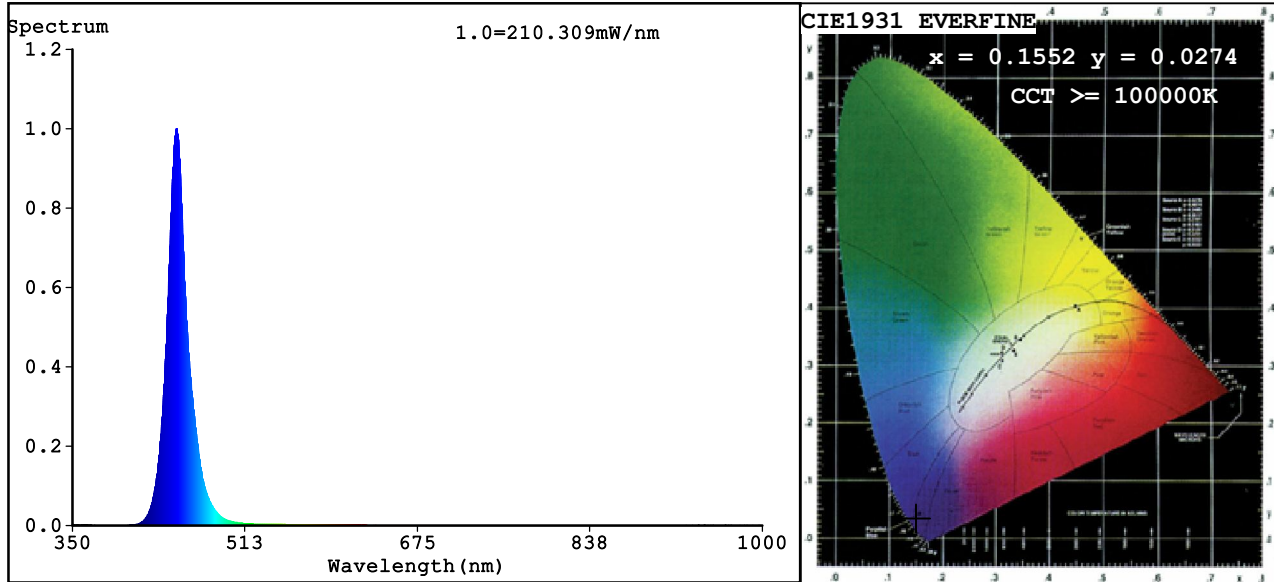


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1552$ $y=0.0274$ / $u'=0.2057$ $v'=0.0817$

CCT=100000K (Duv=-0.2130) Dominant WL:Ld =454.1nm Purity=98.2%

Ratio:R=1.3% G=17.1% B=81.6%;; Peak WL:Lp=447.9nm FWHM=19.0nm

Render Index:Ra=2.0

R1 = 2	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 = 185.4 lm Eff. : 6.77 lm/W Fe = 5.049 W

Electrical parameters:

V = 12.080 V I = 2.267 A P = 27.38 W PF = 1.000

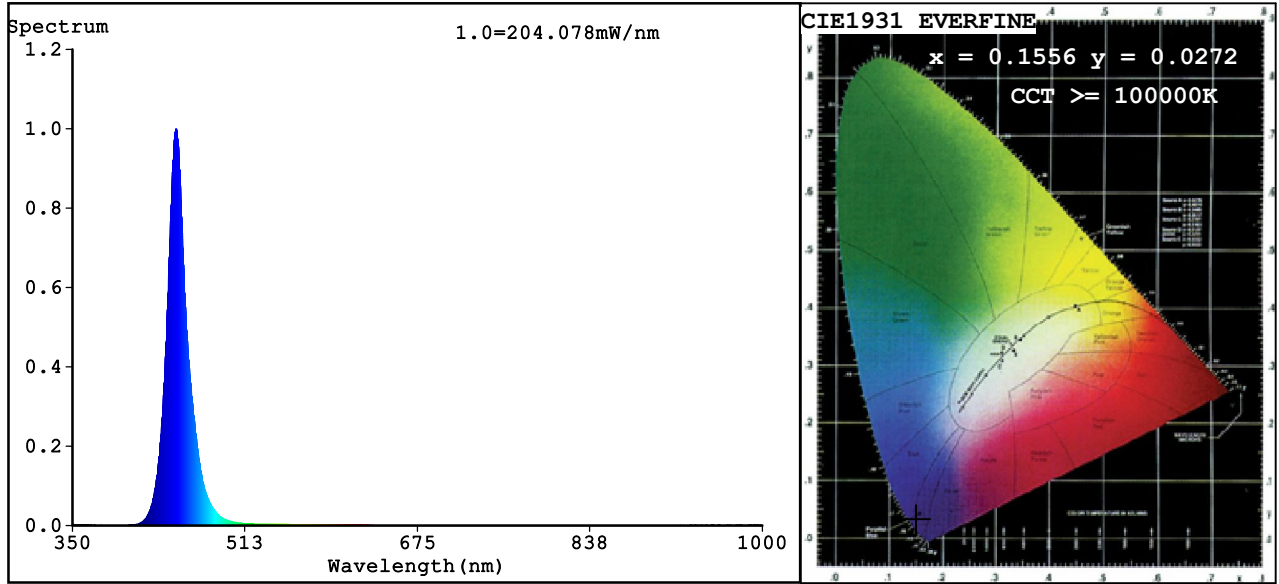
WHITE:OUT

Status: Integral T = 5 ms Ip = 45527 (69%)

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

Number:99LED681
Date:2018-02-19 15:26
Humidity:65.0%
Remarks:017V068À_4469

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1556$ $y=0.0272$ / $u'=0.2064$ $v'=0.0812$

CCT=100000K (Duv=-0.2134) Dominant WL:Ld =453.9nm Purity=98.2%

Ratio:R=1.4% G=17.7% B=81.0%;; Peak WL:Lp=447.6nm FWHM=18.7nm

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=19

Photo Parameters:

Flux = 175.9 lm Eff. : 6.42 lm/W Fe = 4.825 W

Electrical parameters:

V = 12.056 V I = 2.272 A P = 27.39 W PF = 1.000

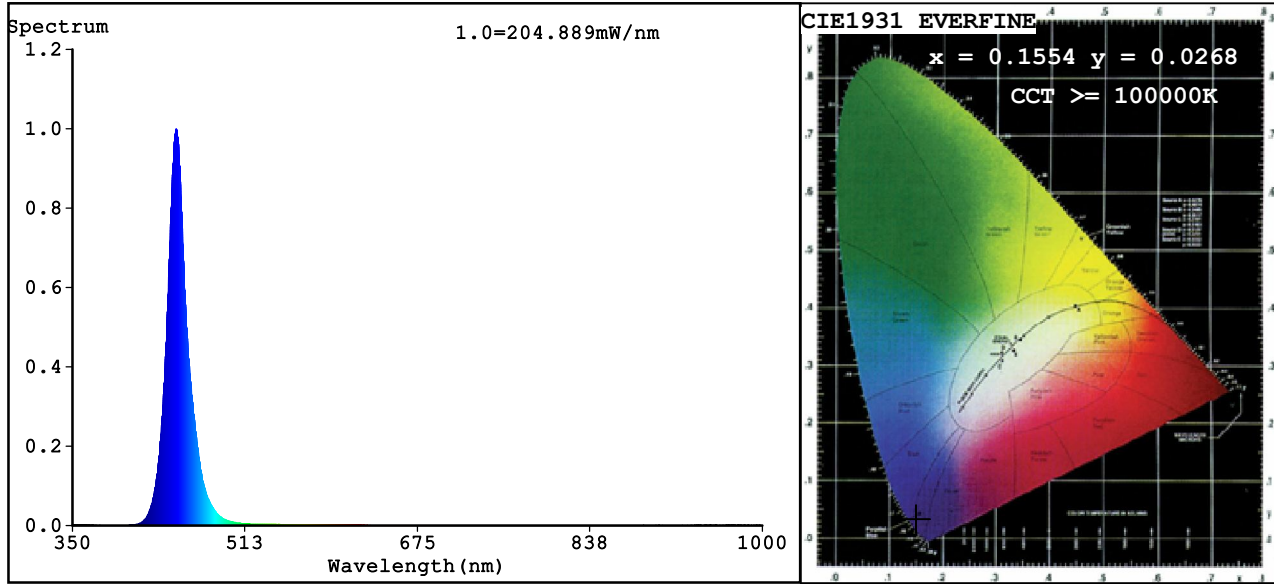
WHITE:OUT

Status: Integral T = 5 ms Ip = 44133 (67%)

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

Number:99LED681
Date:2018-02-19 15:34
Humidity:65.0%
Remarks:017V068À_4469

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1554$ $y=0.0268$ $u'=0.2064$ $v'=0.0802$
 CCT=100000K(Duv=-0.2140) Dominant WL:Ld =453.9nm Purity=98.3%
 Ratio:R=1.3% G=16.4% B=82.3%;;Peak WL:Lp=447.9nm FWHM=18.8nm
 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 = 175.0 lm Eff. : 6.58 lm/W Fe = 4.868 W

Electrical parameters:

V = 12.080 V I = 2.203 A P = 26.61 W PF = 1.000

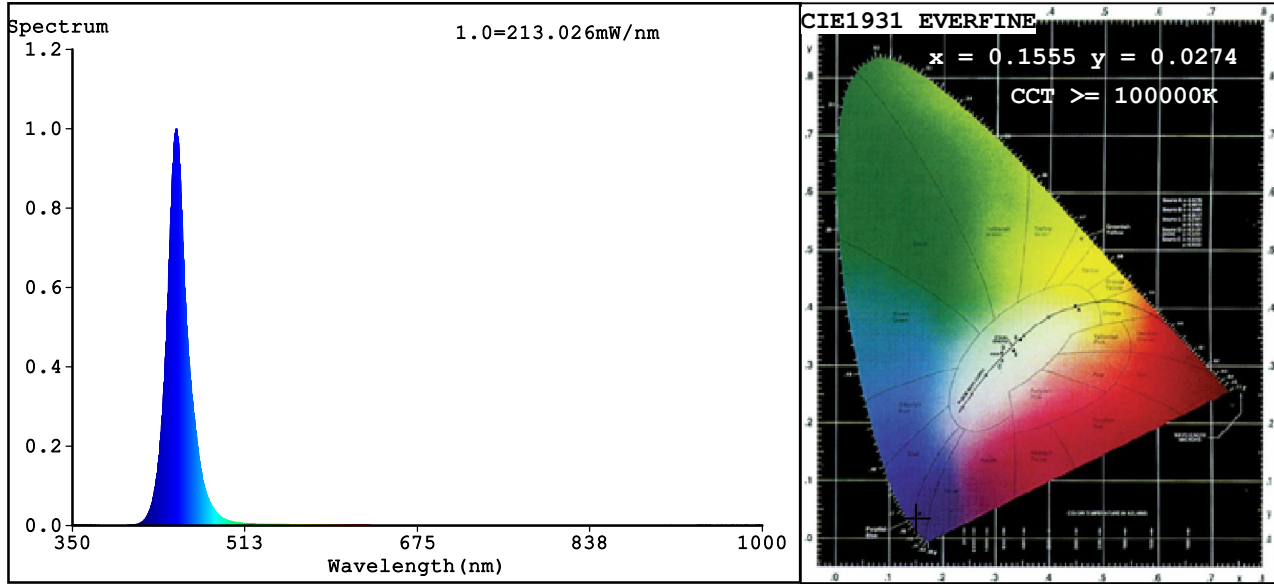
WHITE:OUT

Status: Integral T = 5 ms Ip = 44322 (68%)

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

Number:99LED681
 Date:2018-02-19 15:41
 Humidity:65.0%
 Remarks:017V068À_4469

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: x=0.1555 y=0.0274/u'=0.2061 v'=0.0816

CCT=100000K(Duv=-0.2131) Dominant WL:Ld =454.0nm Purity=98.2%

Ratio:R=1.4% G=17.7% B=80.9%;;Peak WL:Lp=447.9nm FWHM=18.9nm

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 = 186.7 lm Eff. : 6.94 lm/W Fe = 5.093 W

Electrical parameters:

V = 12.080 V I = 2.227 A P = 26.90 W PF = 1.000

WHITE:OUT

Status: Integral T = 5 ms Ip = 46117 (70%)

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

Number:99LED681
Date:2018-02-19 15:47
Humidity:65.0%
Remarks:017V068À_4469