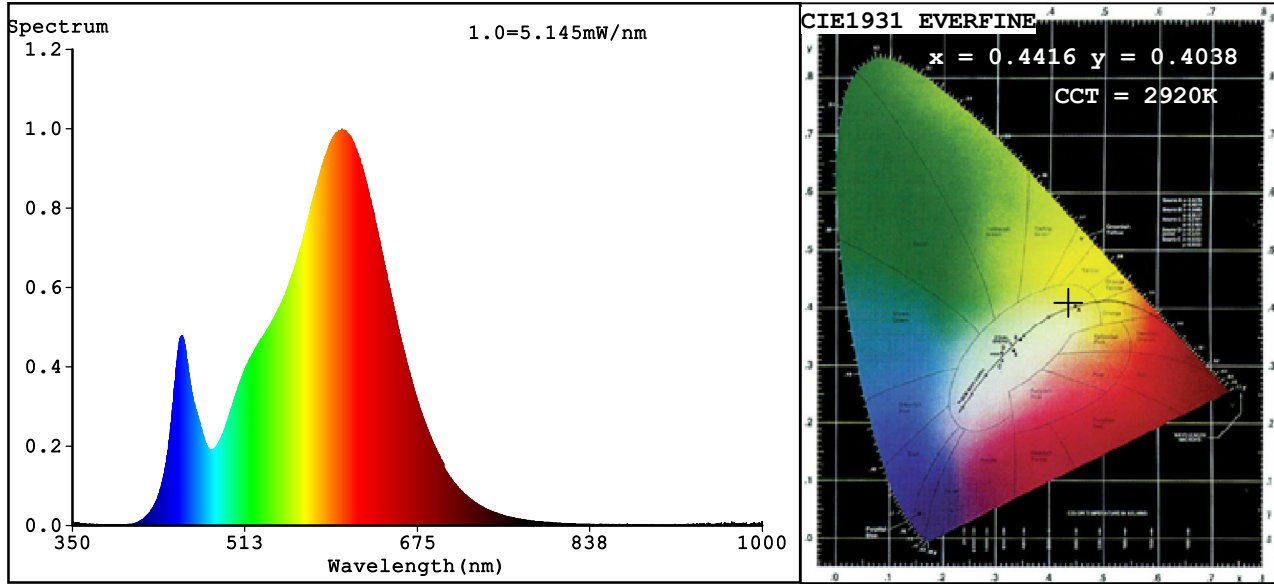


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4416$ $y=0.4038$ $u'=0.2537$ $v'=0.5220$
 CCT=2920K(Duv=-0.0007) Dominant WL:Ld =583.4nm Purity=53.8%
 Ratio:R=23.5% G=74.0% B=2.5%;;Peak WL:Lp=604.1nm FWHM=122.0nm
 Render Index:Ra=82.4
 R1 =81 R2 =92 R3 =95 R4 =80 R5 =81 R6 =90 R7 =82
 R8 =58 R9 =6 R10=81 R11=79 R12=73 R13=84 R14=98 R15=73

Photo Parameters:

Flux = 245.2 lm Eff. : 76.17 lm/W Fe = 751.6 mW

Electrical parameters:

V = 229.97 V I = 0.02651 A P = 3.219 W PF = 0.5280

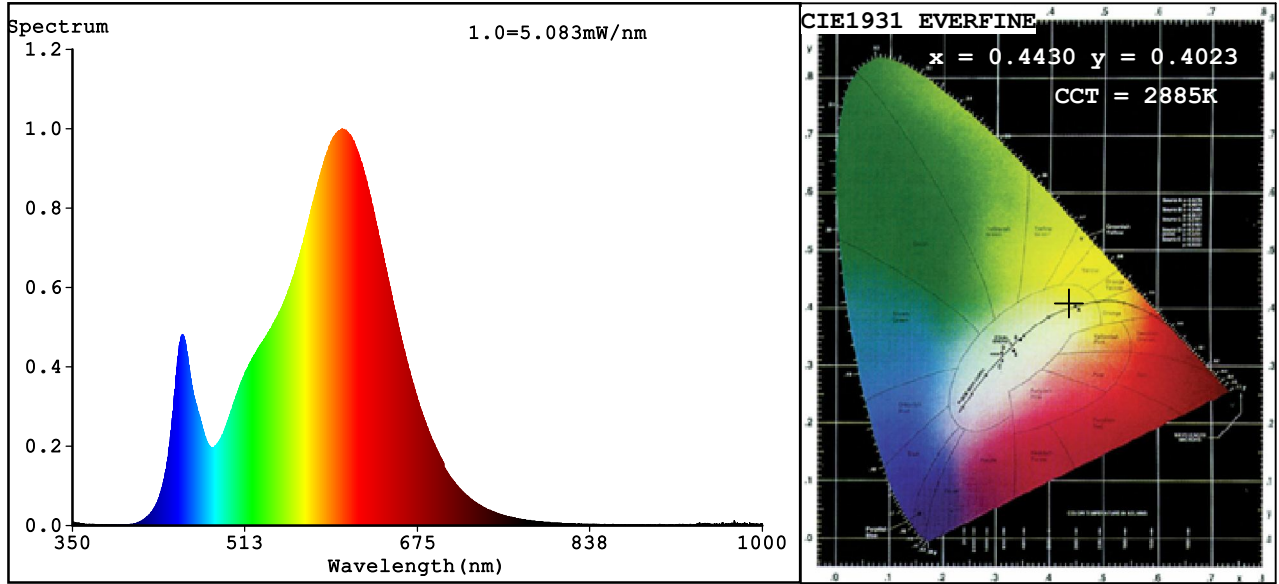
WHITE:ANSI_3000K

Status: Integral T = 138 ms Ip = 44848 (68%)

Model:LED SMD/3W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED728
 Date:2018-07-02 13:00
 Humidity:65.0%
 Remarks:017V068B_4470

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4430$ $y=0.4023$ $u'=0.2553$ $v'=0.5216$
 CCT=2885K(Duv=-0.0015) Dominant WL:Ld =583.8nm Purity=53.7%
 Ratio:R=23.8% G=73.6% B=2.6%;;Peak WL:Lp=604.1nm FWHM=119.4nm
 Render Index:Ra=82.6
 R1 =82 R2 =93 R3 =95 R4 =80 R5 =82 R6 =91 R7 =81
 R8 =58 R9 =8 R10=83 R11=79 R12=75 R13=84 R14=98 R15=74

Photo Parameters:

Flux = 239.7 lm Eff. : 75.28 lm/W Fe = 739.3 mW

Electrical parameters:

V = 229.94 V I = 0.02625 A P = 3.184 W PF = 0.5274

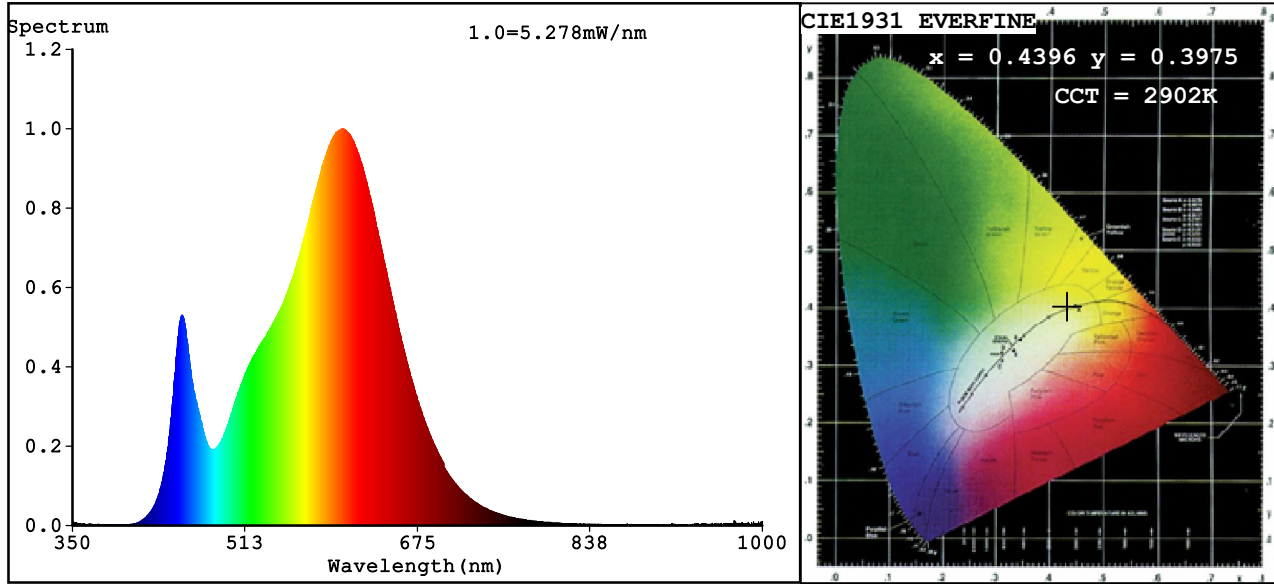
WHITE:ANSI_3000K

Status: Integral T = 138 ms Ip = 44290 (68%)

Model:LED SMD/3W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED728
 Date:2018-07-02 13:24
 Humidity:65.0%
 Remarks:017V068B_4470

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4396$ $y=0.3975$ / $u'=0.2552$ $v'=0.5192$
 CCT=2902K (Duv=-0.0030) Dominant WL:Ld =584.3nm Purity=51.2%
 Ratio:R=23.8% G=73.6% B=2.6%;; Peak WL:Lp=605.1nm FWHM=120.0nm
 Render Index:Ra=82.5
 R1 =82 R2 =93 R3 =95 R4 =80 R5 =82 R6 =91 R7 =81
 R8 =58 R9 =8 R10=83 R11=79 R12=75 R13=84 R14=98 R15=74

Photo Parameters:

Flux = 249.3 lm Eff. : 74.02 lm/W Fe = 773.3 mW

Electrical parameters:

V = 229.96 V I = 0.02746 A P = 3.369 W PF = 0.5335

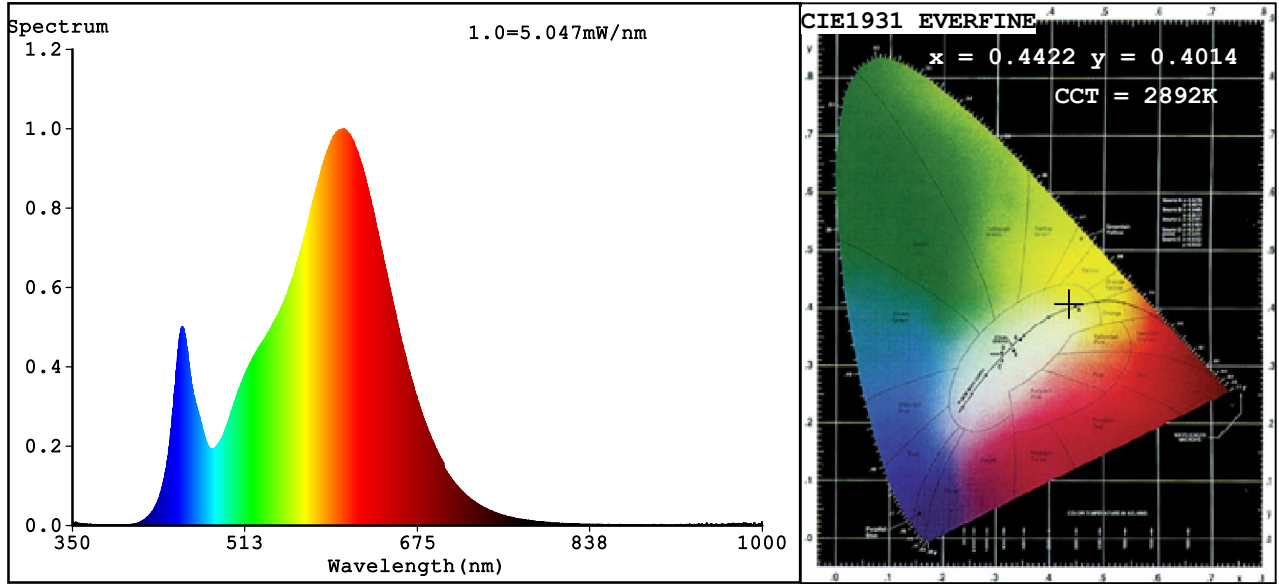
WHITE:ANSI_3000K

Status: Integral T = 138 ms Ip = 46066 (70%)

Model:LED SMD/3W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED728
 Date:2018-07-02 13:25
 Humidity:65.0%
 Remarks:017V068B_4470

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4422$ $y=0.4014$ $u'=0.2551$ $v'=0.5211$

CCT=2892K(Duv=-0.0017) Dominant WL:Ld =583.9nm Purity=53.2%

Ratio:R=23.7% G=73.7% B=2.6%;;Peak WL:Lp=605.8nm FWHM=119.4nm

Render Index:Ra=82.3

R1 =81 R2 =92 R3 =95 R4 =79 R5 =82 R6 =91 R7 =81

R8 =57 R9 =7 R10=83 R11=79 R12=74 R13=84 R14=98 R15=74

Photo Parameters:

Flux = 238.5 lm Eff. : 75.72 lm/W Fe = 735.1 mW

Electrical parameters:

V = 229.95 V I = 0.02596 A P = 3.149 W PF = 0.5275

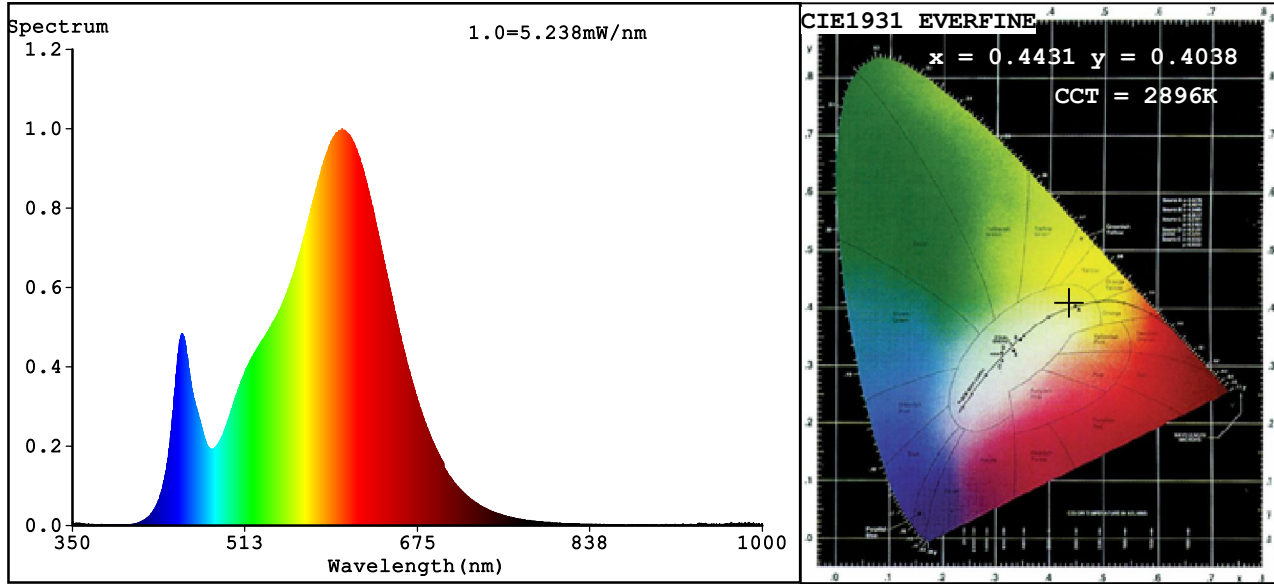
WHITE:ANSI_3000K

Status: Integral T = 138 ms Ip = 43988 (67%)

Model:LED SMD/3W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED728
Date:2018-07-02 13:26
Humidity:65.0%
Remarks:017V068B_4470

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4431$ $y=0.4038$ $u'=0.2547$ $v'=0.5222$

CCT=2896K(Duv=-0.0009) Dominant WL:Ld =583.6nm Purity=54.2%

Ratio:R=23.7% G=73.8% B=2.6%;;Peak WL:Lp=604.1nm FWHM=120.8nm

Render Index:Ra=82.4

R1 =81 R2 =92 R3 =95 R4 =80 R5 =82 R6 =91 R7 =81

R8 =58 R9 =7 R10=82 R11=79 R12=73 R13=84 R14=98 R15=74

Photo Parameters:

Flux = 247.9 lm Eff. : 75.54 lm/W Fe = 761.0 mW

Electrical parameters:

V = 229.97 V I = 0.02686 A P = 3.281 W PF = 0.5313

WHITE:ANSI_3000K

Status: Integral T = 138 ms Ip = 45572 (70%)

Model:LED SMD/3W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED728
Date:2018-07-02 13:27
Humidity:65.0%
Remarks:017V068B_4470