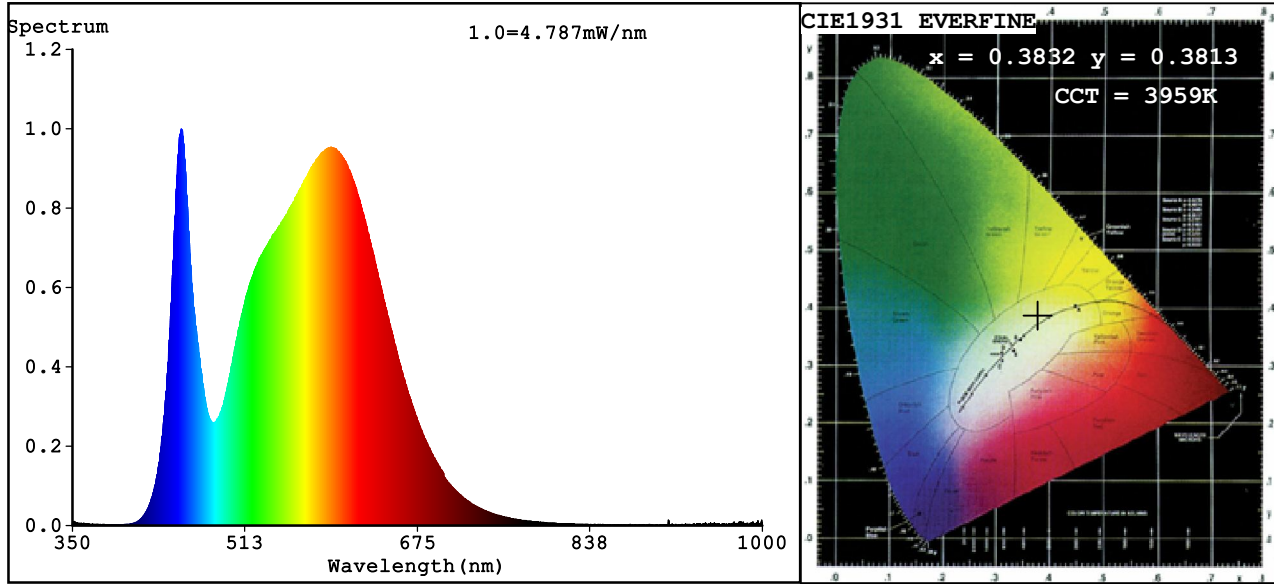


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3832$ $y=0.3813$ $u'=0.2251$ $v'=0.5040$
 CCT=3959K(Duv=0.0013) Dominant WL:Ld =578.5nm Purity=29.4%
 Ratio:R=18.3% G=78.3% B=3.4%;; Peak WL:Lp=452.7nm FWHM=24.3nm
 Render Index:Ra=82.1
 R1 =80 R2 =88 R3 =94 R4 =81 R5 =80 R6 =83 R7 =86
 R8 =64 R9 =7 R10=72 R11=79 R12=58 R13=82 R14=97 R15=75

Photo Parameters:

Flux = 264.0 lm Eff. : 81.41 lm/W Fe = 799.6 mW

Electrical parameters:

V = 229.95 V I = 0.02667 A P = 3.243 W PF = 0.5286

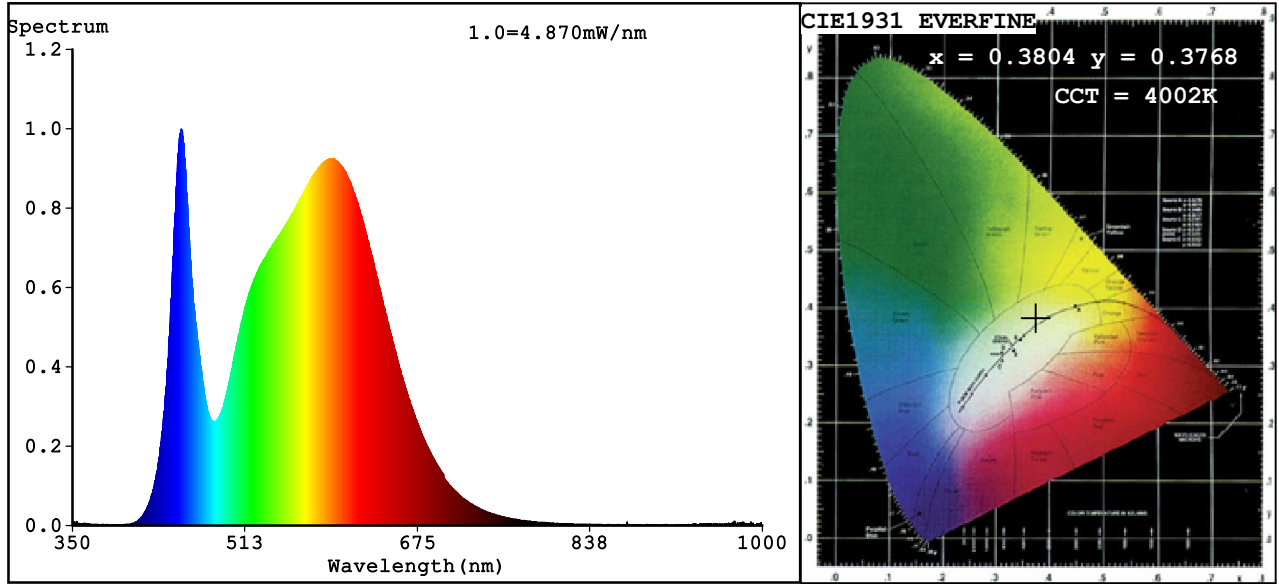
WHITE:ANSI_4000K

Status: Integral T = 138 ms Ip = 40325 (62%)

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

Number:99LED727
 Date:2018-07-02 13:33
 Humidity:65.0%
 Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3804$ $y=0.3768$ $u'=0.2250$ $v'=0.5016$

CCT=4002K(Duv=0.0000) Dominant WL:Ld =579.0nm Purity=27.2%

Ratio:R=18.3% G=78.2% B=3.5%;;Peak WL:Lp=452.7nm FWHM=25.0nm

Render Index:Ra=82.6

R1 =81 R2 =89 R3 =94 R4 =81 R5 =81 R6 =84 R7 =86

R8 =65 R9 =10 R10=73 R11=79 R12=59 R13=83 R14=97 R15=76

Photo Parameters:

Flux = 260.8 lm Eff. : 79.81 lm/W Fe = 796.5 mW

Electrical parameters:

V = 229.93 V I = 0.02676 A P = 3.267 W PF = 0.5311

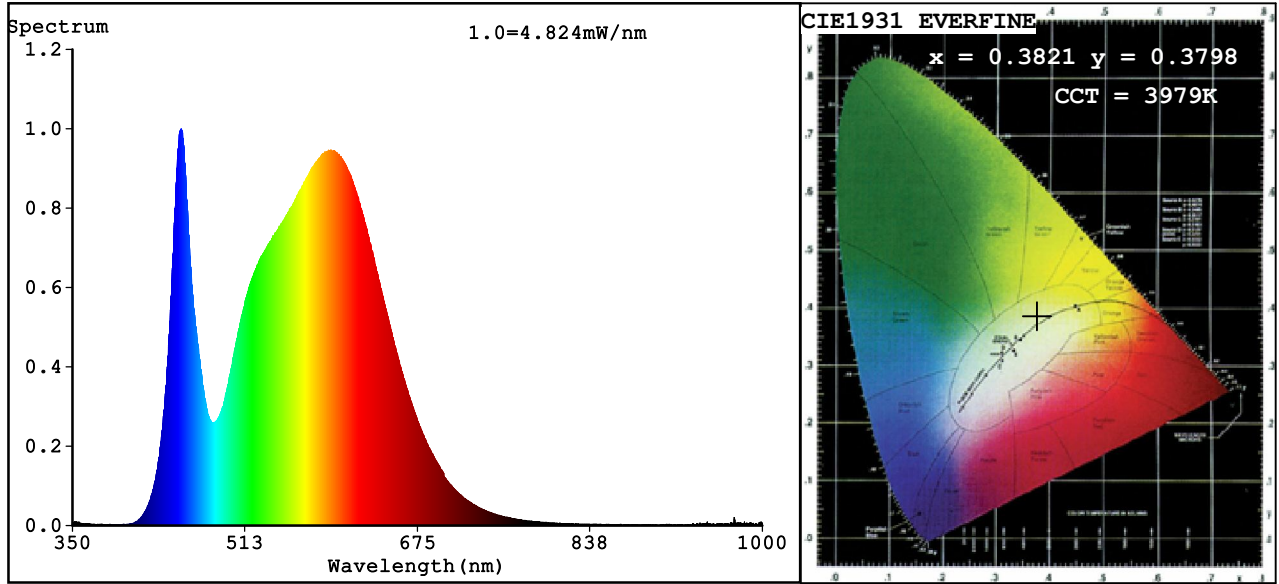
WHITE:ANSI_4000K

Status: Integral T = 138 ms Ip = 39816 (61%)

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

Number:99LED727
Date:2018-07-02 13:37
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3821$ $y=0.3798$ $u'=0.2250$ $v'=0.5032$

CCT=3979K (Duv=0.0010) Dominant WL:Ld =578.6nm Purity=28.6%

Ratio:R=18.2% G=78.4% B=3.4%;; Peak WL:Lp=452.6nm FWHM=24.6nm

Render Index:Ra=82.1

R1 =80 R2 =88 R3 =94 R4 =81 R5 =80 R6 =83 R7 =86

R8 =64 R9 =8 R10=71 R11=79 R12=58 R13=82 R14=96 R15=75

Photo Parameters:

Flux = 264.4 lm Eff. : 80.80 lm/W Fe = 803.1 mW

Electrical parameters:

V = 229.92 V I = 0.02688 A P = 3.273 W PF = 0.5295

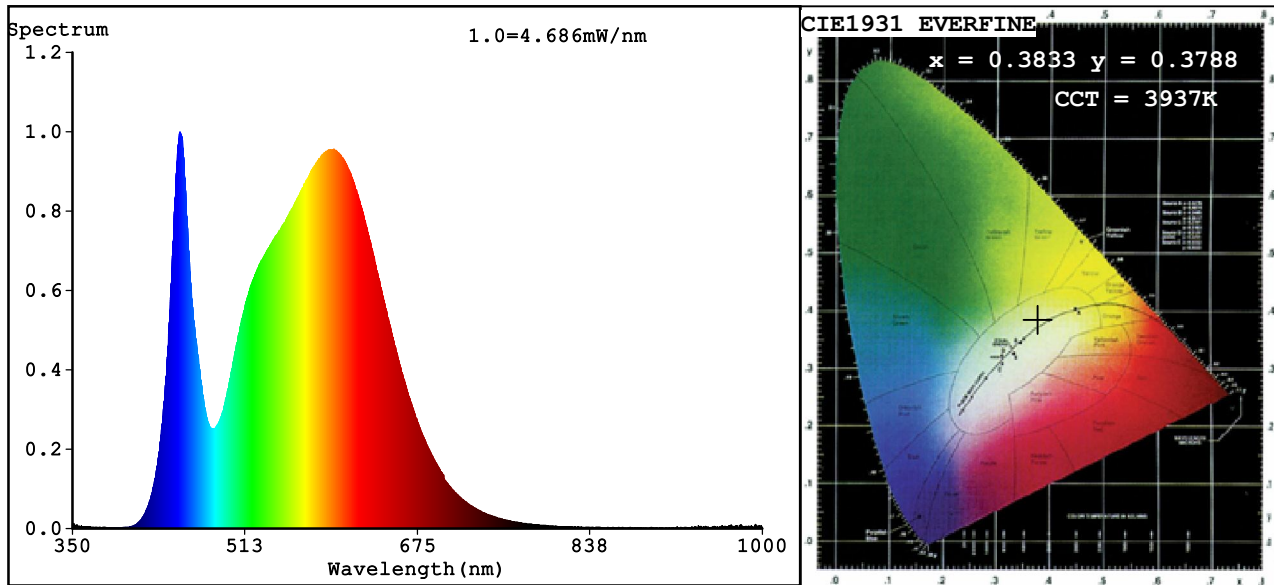
WHITE:ANSI_4000K

Status: Integral T = 138 ms Ip = 40447 (62%)

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

Number:99LED727
Date:2018-07-02 13:44
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3833$ $y=0.3788$ $u'=0.2262$ $v'=0.5029$

CCT=3937K(Duv=0.0001) Dominant WL:Ld =579.2nm Purity=28.7%

Ratio:R=18.4% G=78.2% B=3.3%;;Peak WL:Lp=451.3nm FWHM=24.5nm

Render Index:Ra=82.2

R1 =81	R2 =88	R3 =93	R4 =81	R5 =80	R6 =83	R7 =86	
R8 =65	R9 =8	R10=71	R11=79	R12=59	R13=82	R14=96	R15=75

Photo Parameters:

Flux = 257.6 lm Eff. : 79.59 lm/W Fe = 784.9 mW

Electrical parameters:

V = 229.92 V I = 0.02676 A P = 3.237 W PF = 0.5260

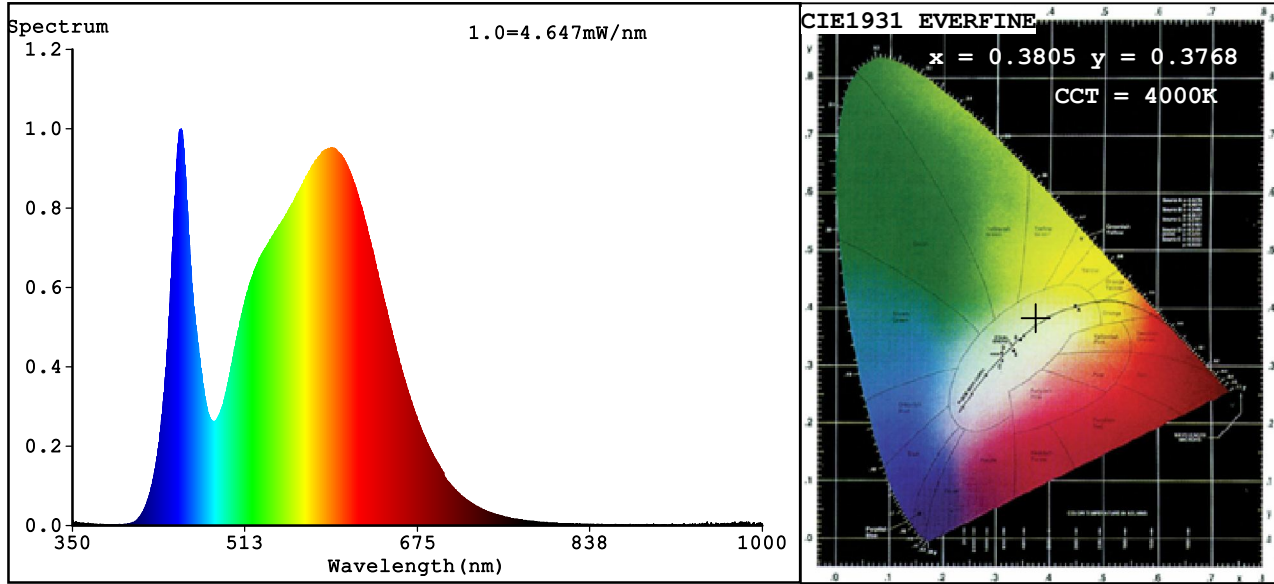
WHITE:ANSI_4000K

Status: Integral T = 138 ms Ip = 39556 (60%)

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

Number:99LED727
Date:2018-07-02 13:45
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3805$ $y=0.3768$ $u'=0.2251$ $v'=0.5016$

CCT=4000K(Duv=0.0000) Dominant WL:Ld =579.1nm Purity=27.3%

Ratio:R=18.3% G=78.3% B=3.4%;;Peak WL:Lp=452.6nm FWHM=25.7nm

Render Index:Ra=82.4

R1 =81	R2 =88	R3 =93	R4 =81	R5 =80	R6 =83	R7 =86		
R8 =65	R9 =9	R10=72	R11=79	R12=60	R13=83	R14=96	R15=75	

Photo Parameters:

Flux = 256.3 lm Eff. : 79.57 lm/W Fe = 783.5 mW

Electrical parameters:

V = 229.96 V I = 0.02659 A P = 3.221 W PF = 0.5268

WHITE:ANSI_4000K

Status: Integral T = 138 ms Ip = 39177 (60%)

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

Number:99LED727
Date:2018-07-02 13:46
Humidity:65.0%
Remarks:017A045_4393