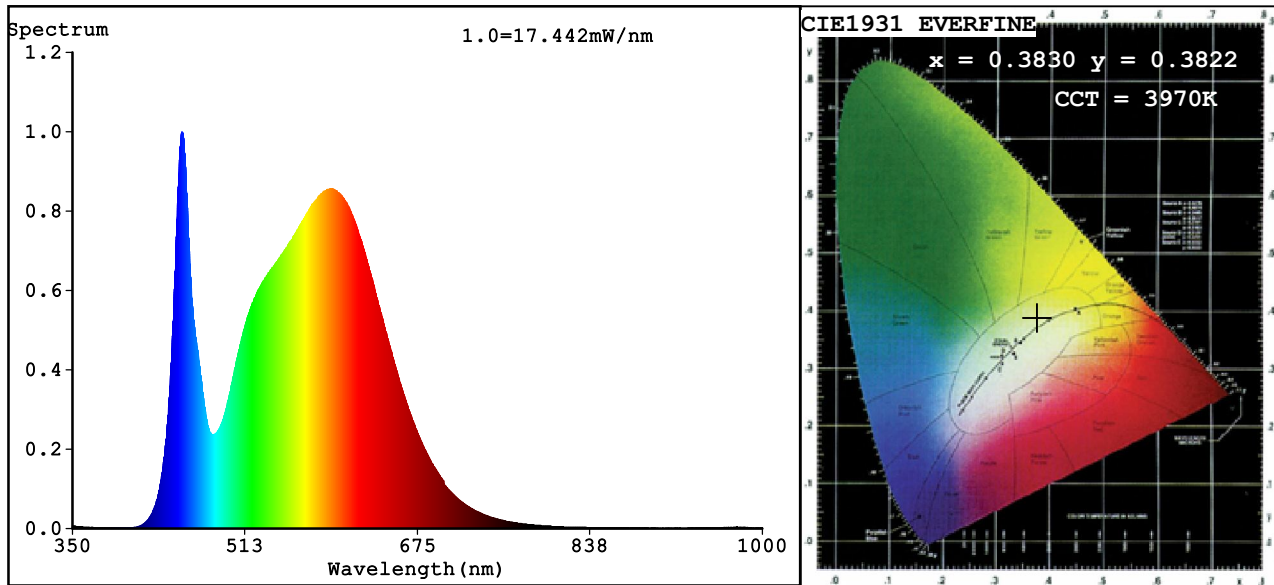


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3830$ $y=0.3822$ $u'=0.2247$ $v'=0.5043$

CCT=3970K (Duv=0.0018) Dominant WL:Ld =578.3nm Purity=29.7%

Ratio:R=18.2% G=78.3% B=3.5%;; Peak WL:Lp=453.3nm FWHM=20.8nm

Render Index:Ra=82.3

R1 =81 R2 =89 R3 =94 R4 =80 R5 =80 R6 =84 R7 =86

R8 =64 R9 =8 R10=73 R11=78 R12=56 R13=83 R14=97 R15=75

Photo Parameters:

Flux = 867.5 lm Eff. : 97.87 lm/W Fe = 2.620 W

Electrical parameters:

V = 229.64 V I = 0.06869 A P = 8.863 W PF = 0.5619

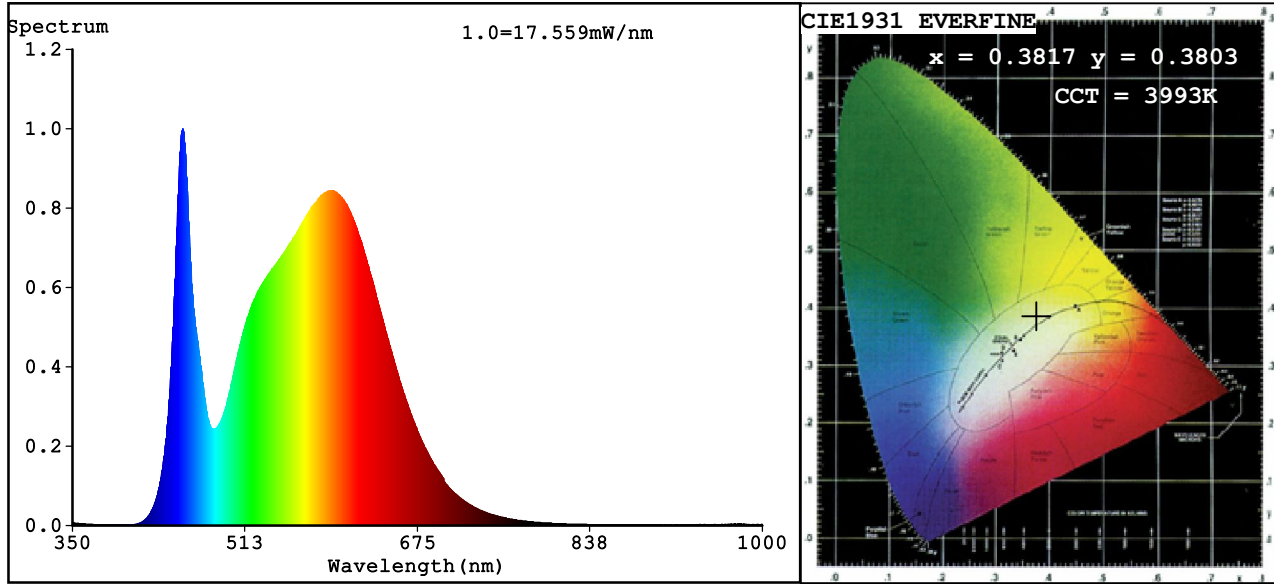
WHITE:ANSI_4000K

Status: Integral T = 62 ms Ip = 47990 (73%)

Model:LED GLOBAL G45/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED912
Date:2017-12-22 09:13
Humidity:65.0%
Remarks:017A035_4234

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3817$ $y=0.3803$ $u'=0.2245$ $v'=0.5033$
 CCT=3993K(Duv=0.0013) Dominant WL:Ld =578.4nm Purity=28.7%
 Ratio:R=18.2% G=78.2% B=3.6%;;Peak WL:Lp=454.0nm FWHM=21.2nm
 Render Index:Ra=82.7
 R1 =81 R2 =89 R3 =95 R4 =80 R5 =80 R6 =84 R7 =86
 R8 =65 R9 =10 R10=74 R11=78 R12=56 R13=83 R14=97 R15=75

Photo Parameters:

Flux = 860.9 lm Eff. : 97.46 lm/W Fe = 2.613 W

Electrical parameters:

V = 229.80 V I = 0.06856 A P = 8.834 W PF = 0.5607

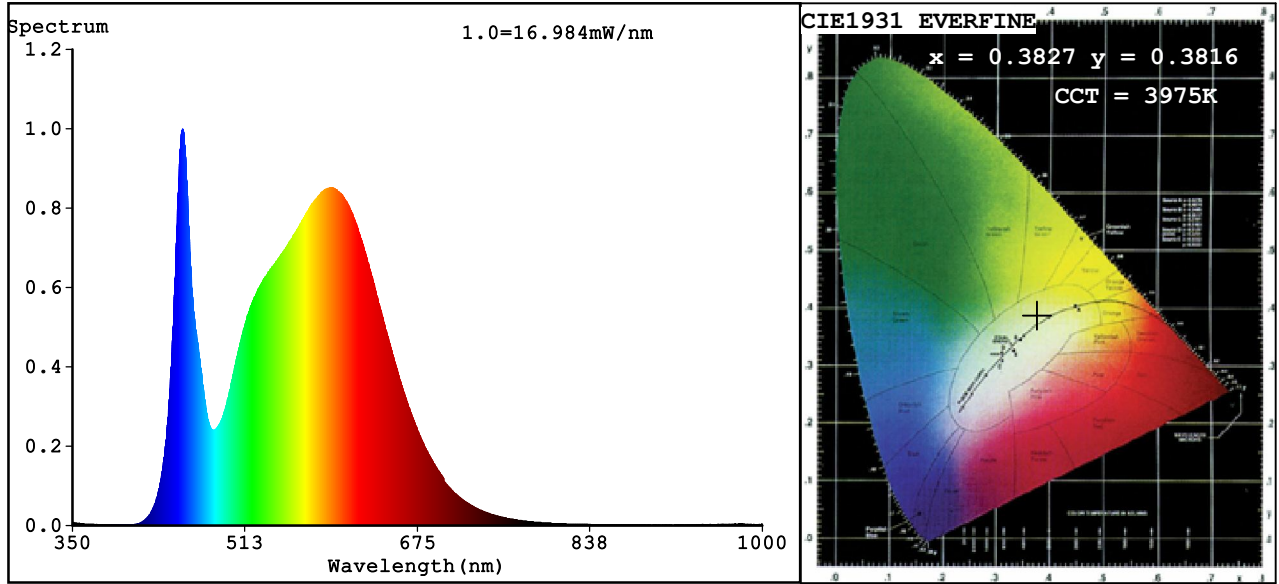
WHITE:ANSI_4000K

Status: Integral T = 62 ms Ip = 48465 (74%)

Model:LED GLOBAL G45/8W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED912
 Date:2017-12-22 09:19
 Humidity:65.0%
 Remarks:017A035_4234

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3827$ $y=0.3816$ $u'=0.2247$ $v'=0.5040$

CCT=3975K (Duv=0.0016) Dominant WL:Ld =578.3nm Purity=29.4%

Ratio:R=18.3% G=78.2% B=3.5%;; Peak WL:Lp=454.0nm FWHM=21.0nm

Render Index:Ra=82.5

R1 =81	R2 =89	R3 =95	R4 =80	R5 =80	R6 =84	R7 =86		
R8 =65	R9 =9	R10=73	R11=78	R12=56	R13=83	R14=97	R15=75	

Photo Parameters:

Flux = 839.3 lm Eff. : 98.38 lm/W Fe = 2.541 W

Electrical parameters:

V = 229.79 V I = 0.06672 A P = 8.532 W PF = 0.5565

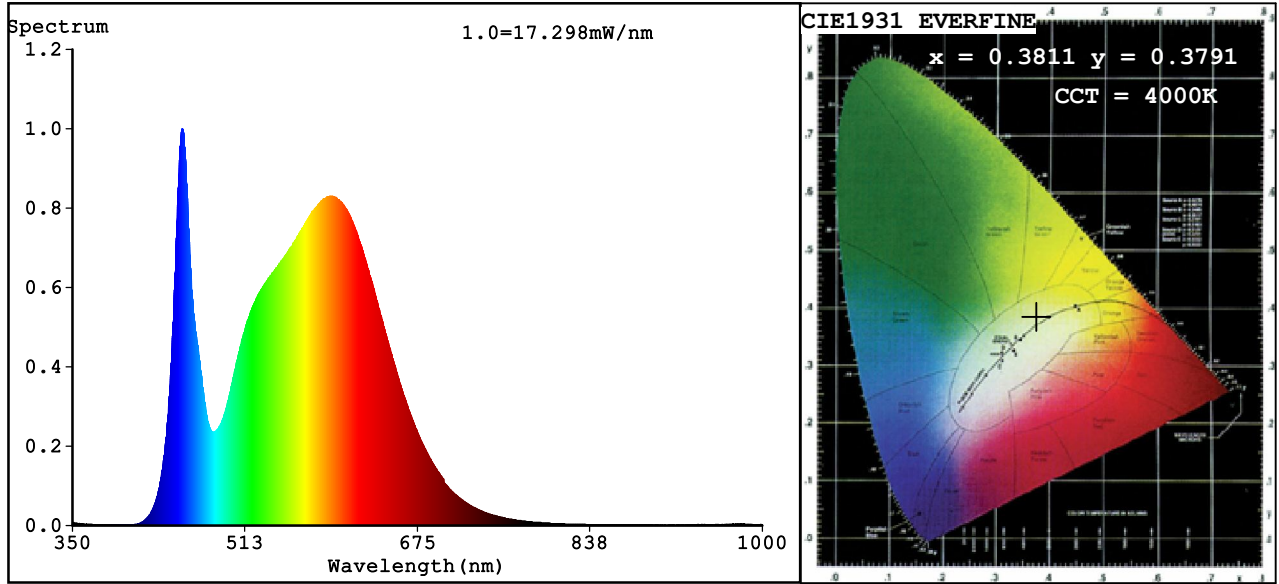
WHITE:ANSI_4000K

Status: Integral T = 62 ms Ip = 46836 (71%)

Model:LED GLOBAL G45/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED912
Date:2017-12-22 09:20
Humidity:65.0%
Remarks:017A035_4234

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3811$ $y=0.3791$ / $u'=0.2246$ $v'=0.5027$
 CCT=4000K (Duv=0.0009) Dominant WL:Ld =578.6nm Purity=28.1%
 Ratio:R=18.3% G=78.2% B=3.6%; Peak WL:Lp=454.0nm FWHM=20.9nm
 Render Index:Ra=82.8
 R1 =81 R2 =89 R3 =95 R4 =81 R5 =81 R6 =84 R7 =86
 R8 =65 R9 =10 R10=74 R11=79 R12=57 R13=83 R14=97 R15=76

Photo Parameters:

Flux = 834.5 lm Eff. : 96.52 lm/W Fe = 2.537 W

Electrical parameters:

V = 229.82 V I = 0.06747 A P = 8.646 W PF = 0.5576

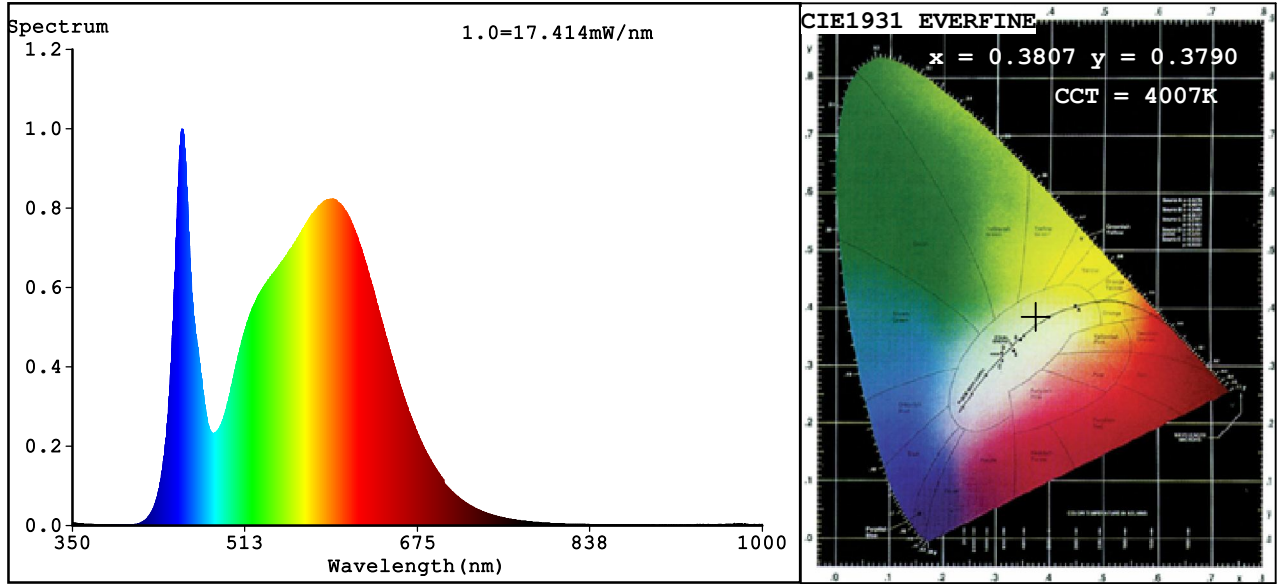
WHITE:ANSI_4000K

Status: Integral T = 62 ms Ip = 47701 (73%)

Model:LED GLOBAL G45/8W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED912
 Date:2017-12-22 09:22
 Humidity:65.0%
 Remarks:017A035_4234

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3807$ $y=0.3790$ / $u'=0.2244$ $v'=0.5026$

CCT=4007K (Duv=0.0010) Dominant WL:Ld =578.5nm Purity=28.0%

Ratio:R=18.2% G=78.2% B=3.6%; Peak WL:Lp=453.3nm FWHM=20.7nm

Render Index:Ra=82.7

R1 =81	R2 =89	R3 =95	R4 =81	R5 =80	R6 =84	R7 =86	
R8 =65	R9 =10	R10=74	R11=79	R12=56	R13=83	R14=97	R15=76

Photo Parameters:

Flux = 833.9 lm Eff. : 97.02 lm/W Fe = 2.534 W

Electrical parameters:

V = 229.83 V I = 0.06727 A P = 8.595 W PF = 0.5559

WHITE:ANSI_4000K

Status: Integral T = 62 ms Ip = 47954 (73%)

Model:LED GLOBAL G45/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED912
Date:2017-12-22 09:23
Humidity:65.0%
Remarks:017A035_4234