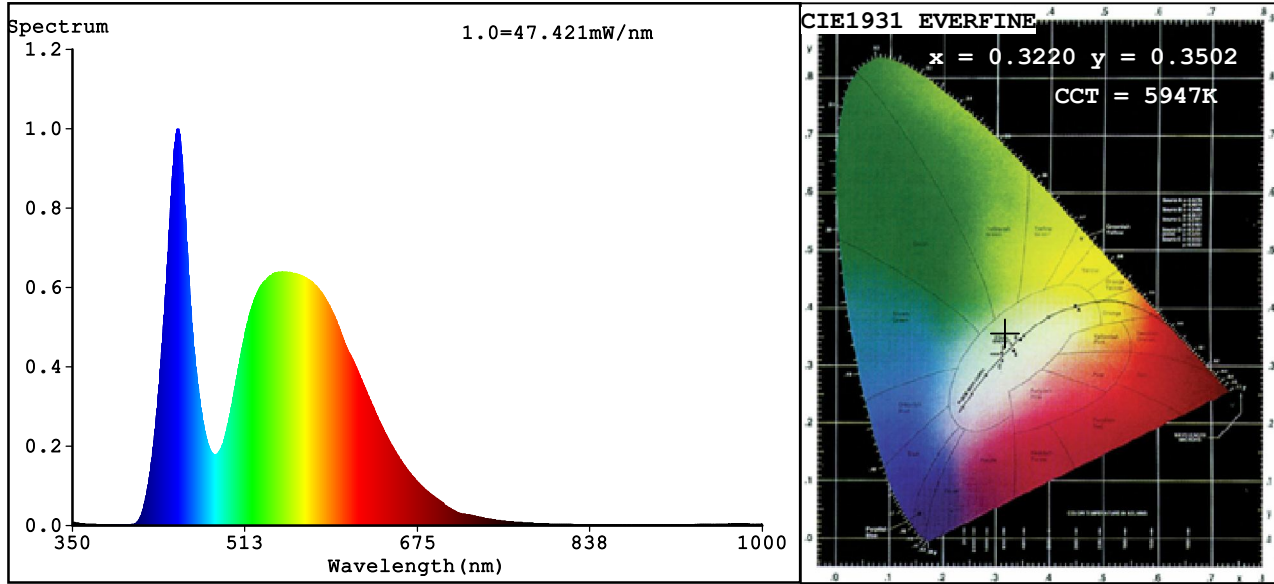


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3220$ $y=0.3502$ / $u'=0.1964$ $v'=0.4806$
 CCT=5947K (Duv=0.0093) Dominant WL:Ld =512.9nm Purity=3.7%
 Ratio:R=12.3% G=83.8% B=4.0%;; Peak WL:Lp=448.6nm FWHM=27.1nm
 Render Index:Ra=73.3
 R1 =69 R2 =77 R3 =83 R4 =74 R5 =71 R6 =70 R7 =83
 R8 =59 R9 =0 R10=46 R11=71 R12=46 R13=70 R14=91 R15=63

Photo Parameters:

Flux = 1849 lm Eff. : 73.42 lm/W Fe = 5.610 W

Electrical parameters:

V = 229.97 V I = 0.2157 A P = 25.18 W PF = 0.5076

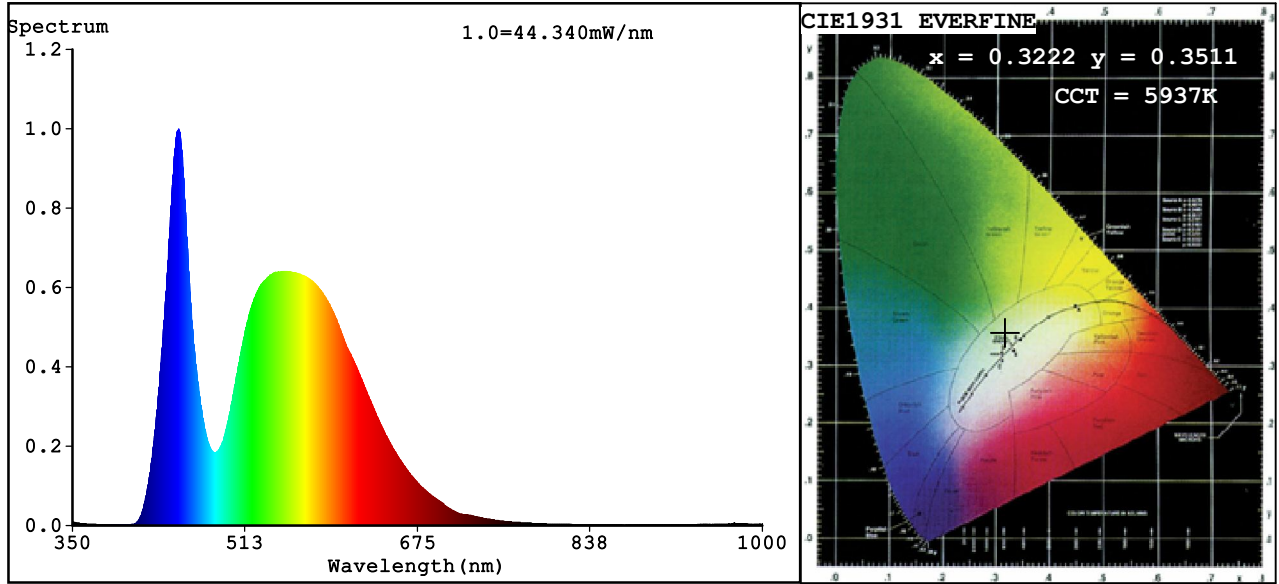
WHITE:OUT

Status: Integral T = 21 ms Ip = 55004 (84%)

Model:LED PANEL SQUARE/24W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED636CW
 Date:2018-08-14 12:47
 Humidity:65.0%
 Remarks:017V077À_4536

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3222$ $y=0.3511$ $u'=0.1962$ $v'=0.4810$

CCT=5937K (Duv=0.0097) Dominant WL:Ld =514.5nm Purity=3.7%

Ratio:R=12.3% G=83.7% B=4.0%;; Peak WL:Lp=449.9nm FWHM=26.9nm

Render Index:Ra=73.4

R1 =69	R2 =77	R3 =84	R4 =74	R5 =71	R6 =70	R7 =83	
R8 =58	R9 =0	R10=47	R11=71	R12=46	R13=70	R14=91	R15=62

Photo Parameters:

Flux = 1736 lm Eff. : 71.88 lm/W Fe = 5.252 W

Electrical parameters:

V = 229.97 V I = 0.2095 A P = 24.15 W PF = 0.5013

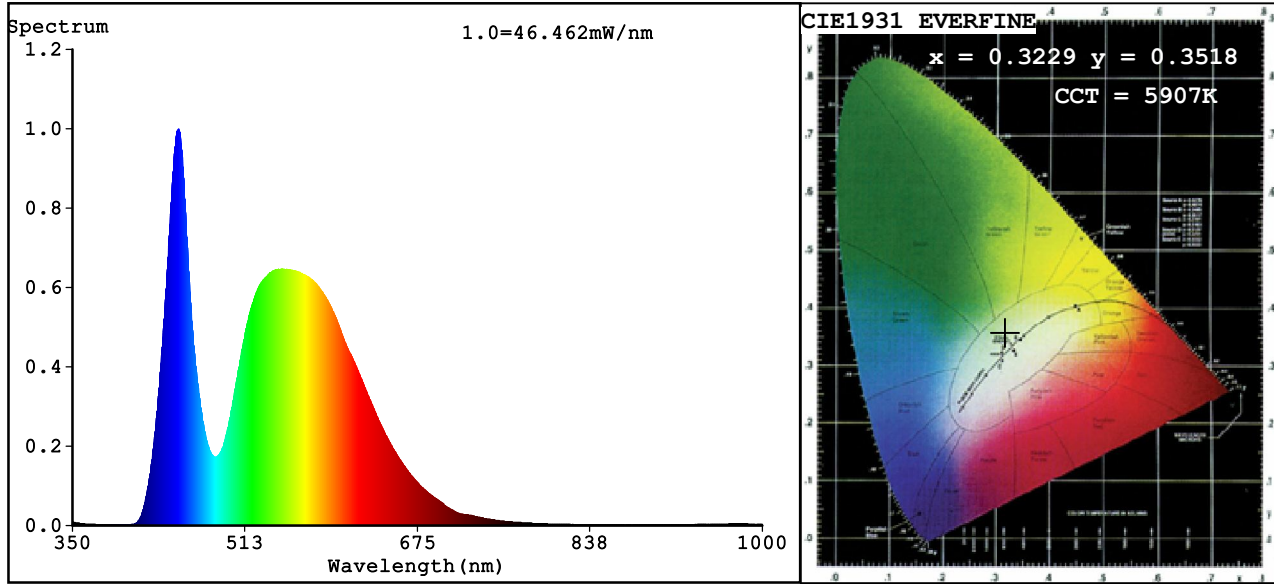
WHITE:OUT

Status: Integral T = 21 ms Ip = 51438 (78%)

Model:LED PANEL SQUARE/24W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED636CW
Date:2018-08-14 12:53
Humidity:65.0%
Remarks:017V077À_4536

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3229$ $y=0.3518$ $u'=0.1964$ $v'=0.4815$

CCT=5907K (Duv=0.0097) Dominant WL:Ld =517.2nm Purity=3.7%

Ratio:R=12.3% G=83.9% B=3.9%; Peak WL:Lp=449.9nm FWHM=26.9nm

Render Index:Ra=72.7

R1 =68	R2 =76	R3 =83	R4 =73	R5 =70	R6 =70	R7 =83	
R8 =58	R9 =0	R10=45	R11=70	R12=45	R13=70	R14=91	R15=62

Photo Parameters:

Flux = 1824 lm Eff. : 73.62 lm/W Fe = 5.497 W

Electrical parameters:

V = 230.04 V I = 0.2133 A P = 24.78 W PF = 0.5051

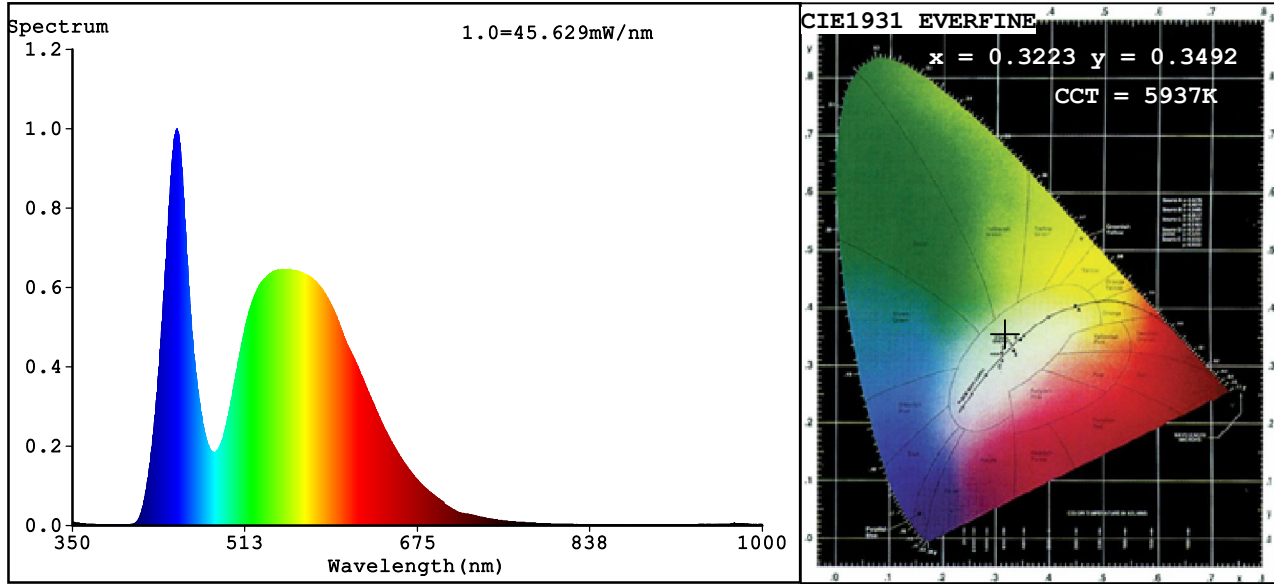
WHITE:OUT

Status: Integral T = 21 ms Ip = 53898 (82%)

Model:LED PANEL SQUARE/24W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED636CW
Date:2018-08-14 12:56
Humidity:65.0%
Remarks:017V077À_4536

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3223$ $y=0.3492$ $u'=0.1970$ $v'=0.4802$

CCT=5937K (Duv=0.0087) Dominant WL:Ld =512.2nm Purity=3.5%

Ratio:R=12.4% G=83.6% B=4.0%;; Peak WL:Lp=448.5nm FWHM=28.0nm

Render Index:Ra=73.7

R1 =70	R2 =77	R3 =83	R4 =74	R5 =72	R6 =71	R7 =83	
R8 =60	R9 =0	R10=47	R11=72	R12=48	R13=71	R14=91	R15=63

Photo Parameters:

Flux = 1808 lm Eff. : 71.88 lm/W Fe = 5.521 W

Electrical parameters:

V = 230.07 V I = 0.2141 A P = 25.16 W PF = 0.5107

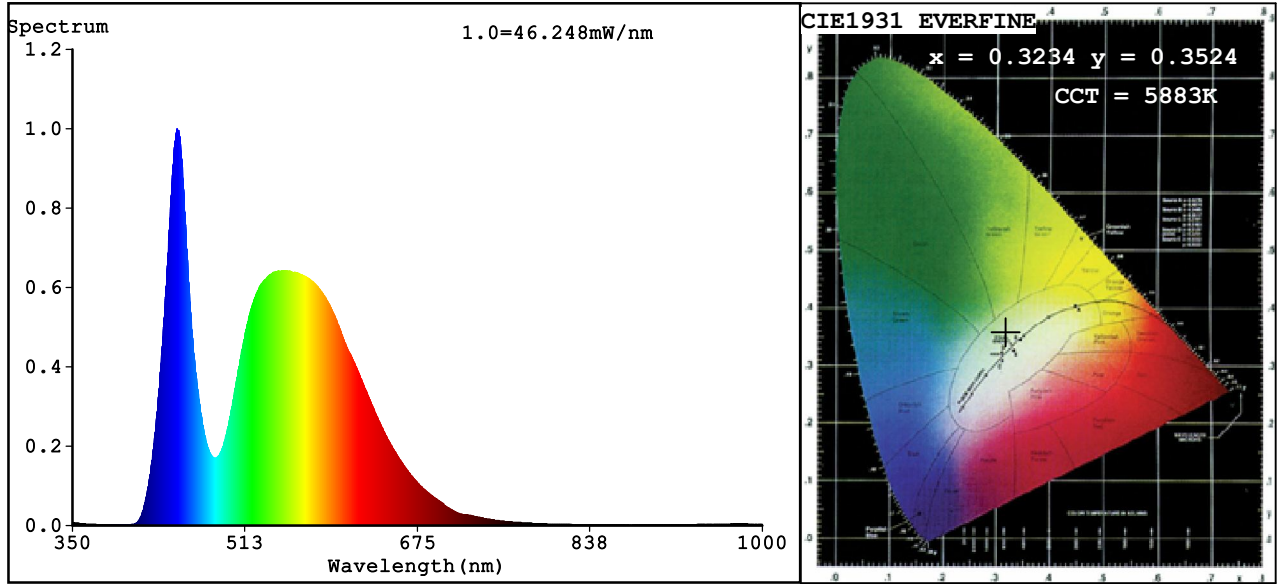
WHITE:OUT

Status: Integral T = 21 ms Ip = 52655 (80%)

Model:LED PANEL SQUARE/24W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED636CW
Date:2018-08-14 13:00
Humidity:65.0%
Remarks:017V077À_4536

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3234$ $y=0.3524$ $u'=0.1965$ $v'=0.4819$

CCT=5883K (Duv=0.0098) Dominant WL:Ld =519.8nm Purity=3.8%

Ratio:R=12.3% G=83.9% B=3.8%; Peak WL:Lp=448.6nm FWHM=26.5nm

Render Index:Ra=72.7

R1 =68	R2 =76	R3 =83	R4 =73	R5 =70	R6 =69	R7 =83	
R8 =58	R9 =0	R10=45	R11=70	R12=45	R13=70	R14=90	R15=62

Photo Parameters:

Flux = 1806 lm Eff. : 71.87 lm/W Fe = 5.438 W

Electrical parameters:

V = 230.04 V I = 0.2159 A P = 25.13 W PF = 0.5061

WHITE:OUT

Status: Integral T = 21 ms Ip = 53525 (82%)

Model:LED PANEL SQUARE/24W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED636CW
Date:2018-08-14 13:04
Humidity:65.0%
Remarks:017V077À_4536