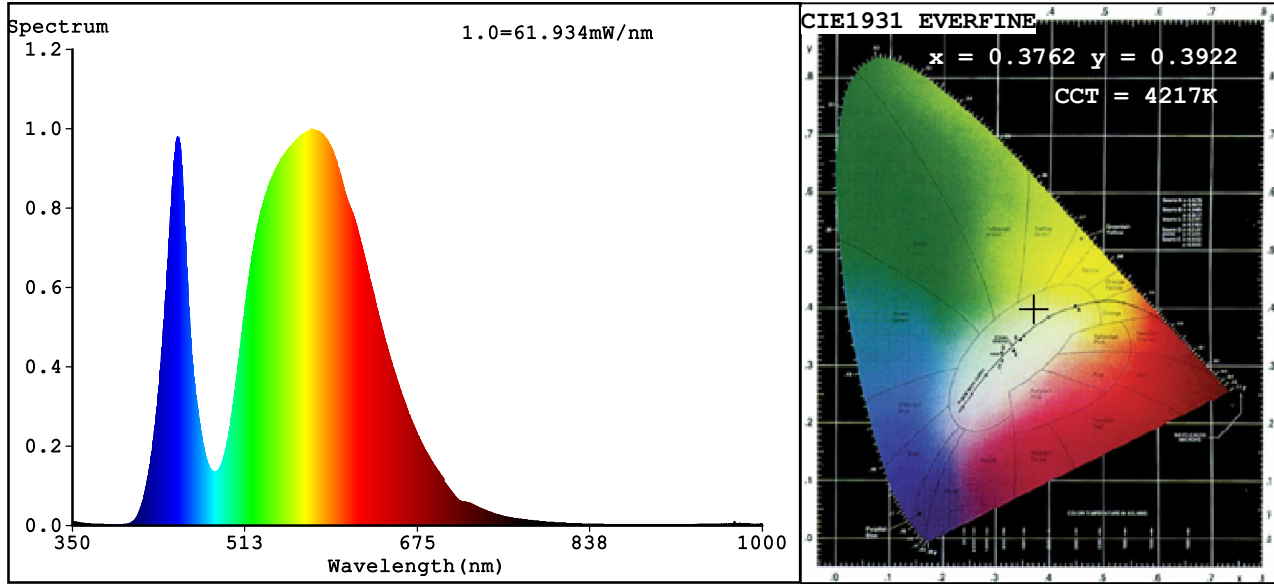


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3762$ $y=0.3922$ $u'=0.2164$ $v'=0.5076$
 CCT=4217K(Duv=0.0083) Dominant WL:Ld =574.2nm Purity=30.6%
 Ratio:R=15.4% G=82.3% B=2.3%;;Peak WL:Lp=575.8nm FWHM=131.1nm
 Render Index:Ra=70.5
 R1 =67 R2 =76 R3 =83 R4 =70 R5 =66 R6 =66 R7 =83
 R8 =54 R9 =0 R10=42 R11=65 R12=36 R13=68 R14=90 R15=60

Photo Parameters:

Flux = 3625 lm Eff. : 87.69 lm/W Fe = 10.30 W

Electrical parameters:

V = 229.93 V I = 0.1851 A P = 41.34 W PF = 0.9712

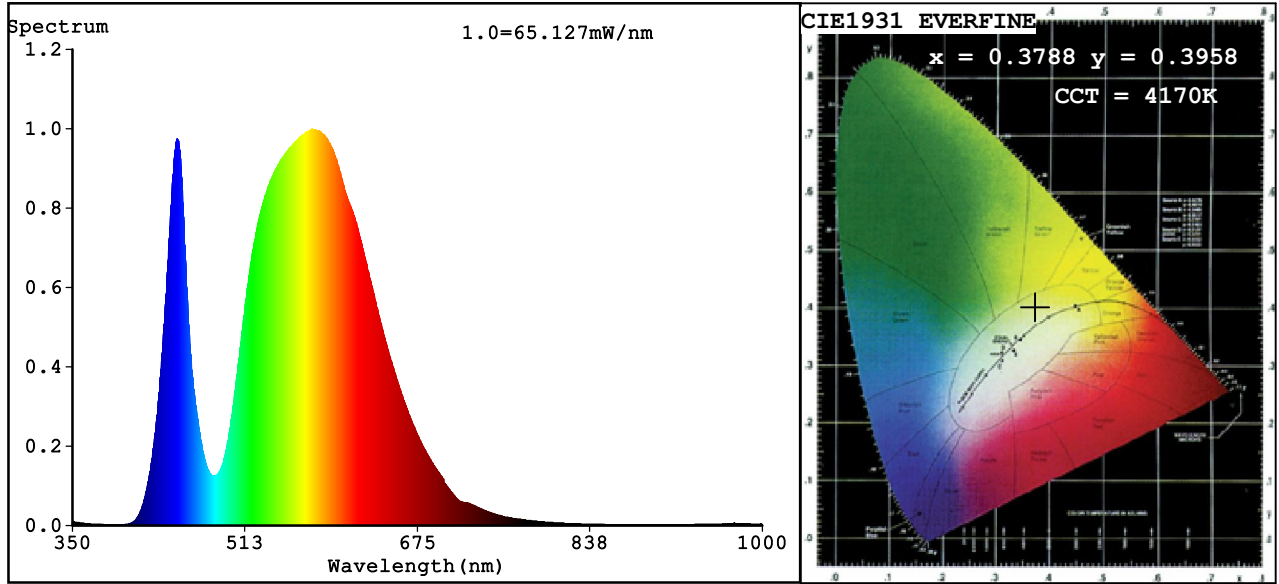
WHITE:OUT

Status: Integral T = 15 ms Ip = 43777 (67%)

Model:LED PANEL/40W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XPANEL015
 Date:2018-03-20 15:53
 Humidity:65.0%
 Remarks:017V060B_4394

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3788$ $y=0.3958$ $u'=0.2167$ $v'=0.5095$

CCT=4170K(Duv=0.0092) Dominant WL:Ld =574.2nm Purity=32.5%

Ratio:R=15.5% G=82.3% B=2.2%;;Peak WL:Lp=575.8nm FWHM=131.4nm

Render Index:Ra=70.2

R1 =66 R2 =75 R3 =83 R4 =70 R5 =66 R6 =65 R7 =82

R8 =53 R9 =0 R10=41 R11=65 R12=35 R13=67 R14=90 R15=59

Photo Parameters:

Flux = 3812 lm Eff. : 90.51 lm/W Fe = 10.75 W

Electrical parameters:

V = 229.93 V I = 0.1886 A P = 42.12 W PF = 0.9712

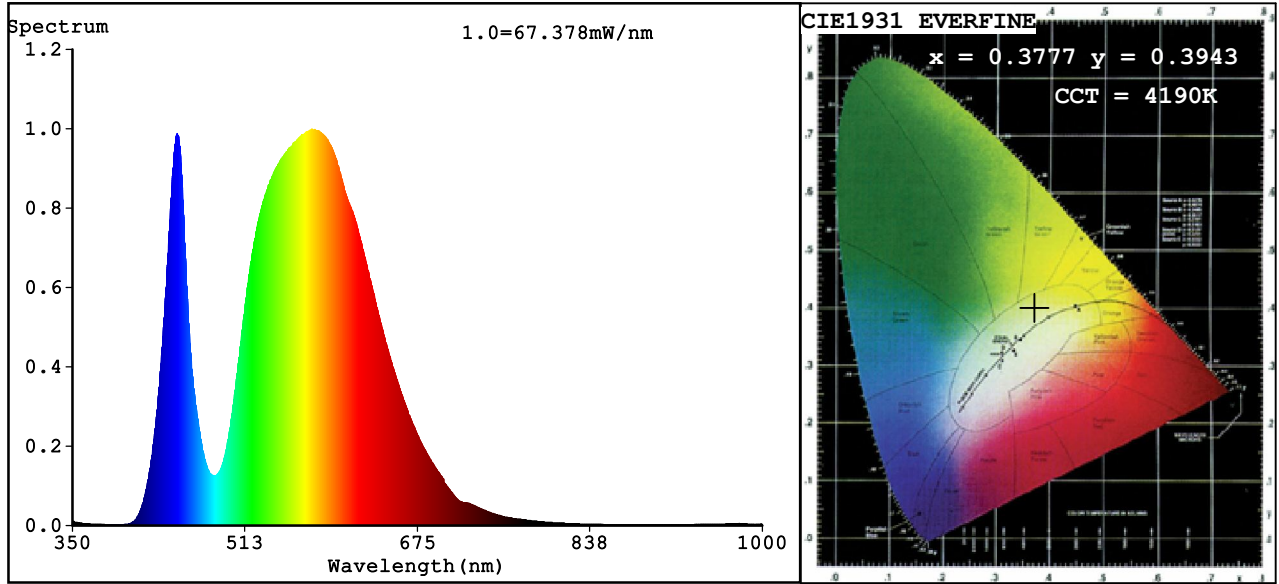
WHITE:OUT

Status: Integral T = 15 ms Ip = 45993 (70%)

Model:LED PANEL/40W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XPANEL015
Date:2018-03-20 16:09
Humidity:65.0%
Remarks:017V060B_4394

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3777$ $y=0.3943$ $u'=0.2166$ $v'=0.5087$

CCT=4190K (Duv=0.0088) Dominant WL:Ld =574.2nm Purity=31.7%

Ratio:R=15.5% G=82.4% B=2.2%;;Peak WL:Lp=575.8nm FWHM=131.4nm

Render Index:Ra=70.2

R1 =66	R2 =75	R3 =83	R4 =70	R5 =66	R6 =65	R7 =82	
R8 =54	R9 =0	R10=41	R11=65	R12=35	R13=67	R14=90	R15=60

Photo Parameters:

Flux = 3946 lm Eff. : 92.33 lm/W Fe = 11.15 W

Electrical parameters:

V = 229.91 V I = 0.1915 A P = 42.74 W PF = 0.9708

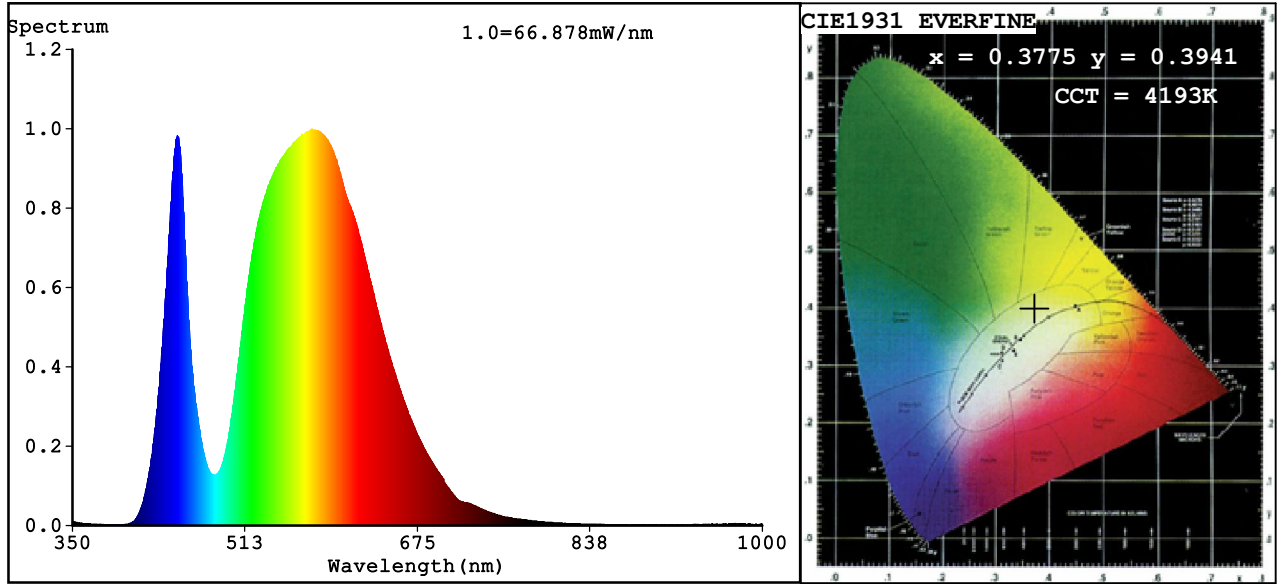
WHITE:OUT

Status: Integral T = 15 ms Ip = 47598 (73%)

Model:LED PANEL/40W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XPANEL015
Date:2018-03-20 16:20
Humidity:65.0%
Remarks:017V060B_4394

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3775$ $y=0.3941$ / $u'=0.2166$ $v'=0.5086$
 CCT=4193K (Duv=0.0088) Dominant WL:Ld =574.2nm Purity=31.6%
 Ratio:R=15.5% G=82.3% B=2.2%;; Peak WL:Lp=575.8nm FWHM=131.3nm
 Render Index:Ra=70.3
 R1 =66 R2 =75 R3 =83 R4 =70 R5 =66 R6 =65 R7 =82
 R8 =54 R9 =0 R10=42 R11=65 R12=35 R13=67 R14=90 R15=60

Photo Parameters:

Flux = 3915 lm Eff. : 91.97 lm/W Fe = 11.07 W

Electrical parameters:

V = 229.89 V I = 0.1907 A P = 42.57 W PF = 0.9709

WHITE:OUT

Status: Integral T = 15 ms Ip = 47266 (72%)

Model:LED PANEL/40W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XPANEL015
 Date:2018-03-20 16:20
 Humidity:65.0%
 Remarks:017V060B_4394