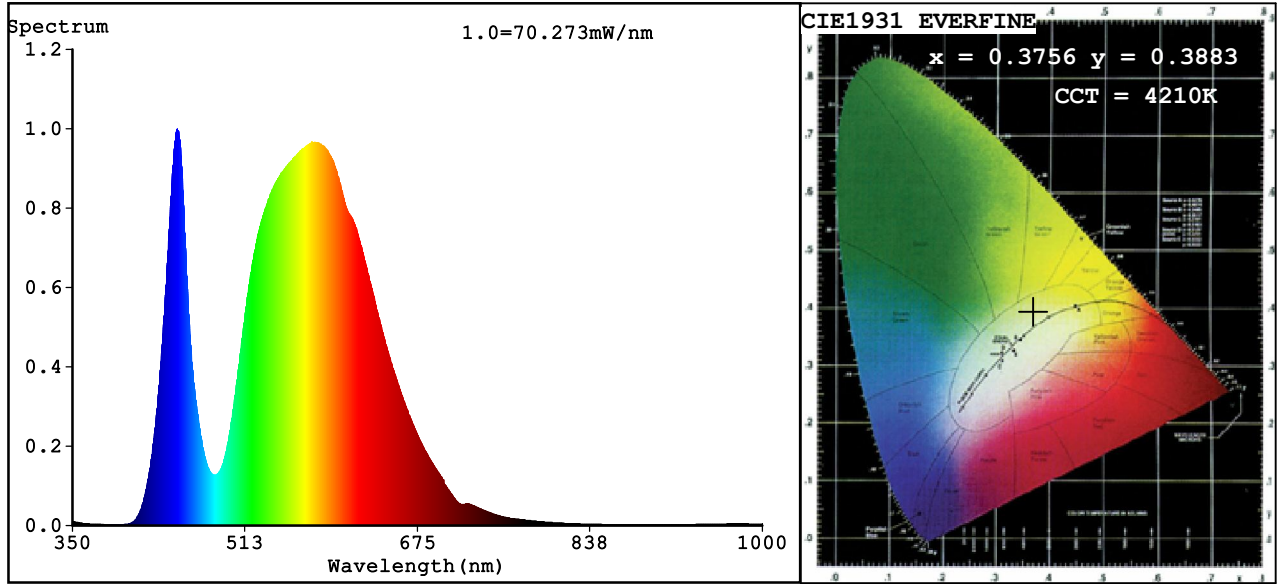


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3756$ $y=0.3883$ $u'=0.2175$ $v'=0.5059$

CCT=4210K (Duv=0.0068) Dominant WL:Ld =574.8nm Purity=29.3%

Ratio:R=15.6% G=82.1% B=2.3%;;Peak WL:Lp=448.9nm FWHM=24.5nm

Render Index:Ra=71.1

R1 =68	R2 =76	R3 =83	R4 =71	R5 =67	R6 =66	R7 =82	
R8 =55	R9 =0	R10=43	R11=66	R12=37	R13=69	R14=90	R15=62

Photo Parameters:

Flux = 3978 lm Eff. : 94.11 lm/W Fe = 11.39 W

Electrical parameters:

V = 229.90 V I = 0.1901 A P = 42.27 W PF = 0.9674

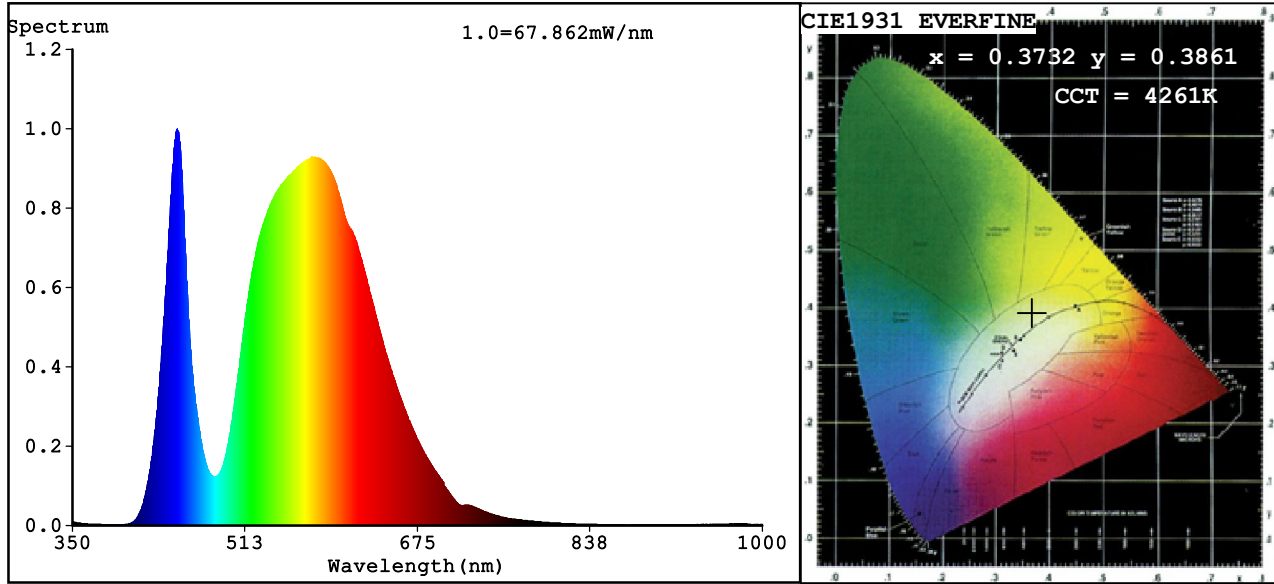
WHITE:ANSI_4000K

Status: Integral T = 15 ms Ip = 48945 (75%)

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

Number:99XPANEL014W
Date:2018-03-19 16:10
Humidity:65.0%
Remarks:017V063B_4395

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3732$ $y=0.3861$ $u'=0.2168$ $v'=0.5046$

CCT=4261K (Duv=0.0065) Dominant WL:Ld =574.7nm Purity=27.9%

Ratio:R=15.5% G=82.2% B=2.3%;; Peak WL:Lp=448.9nm FWHM=24.2nm

Render Index:Ra=71.1

R1 =68	R2 =76	R3 =83	R4 =71	R5 =67	R6 =66	R7 =82	
R8 =55	R9 =0	R10=43	R11=66	R12=37	R13=69	R14=90	R15=62

Photo Parameters:

Flux = 3706 lm Eff. : 89.33 lm/W Fe = 10.64 W

Electrical parameters:

V = 229.90 V I = 0.1860 A P = 41.48 W PF = 0.9702

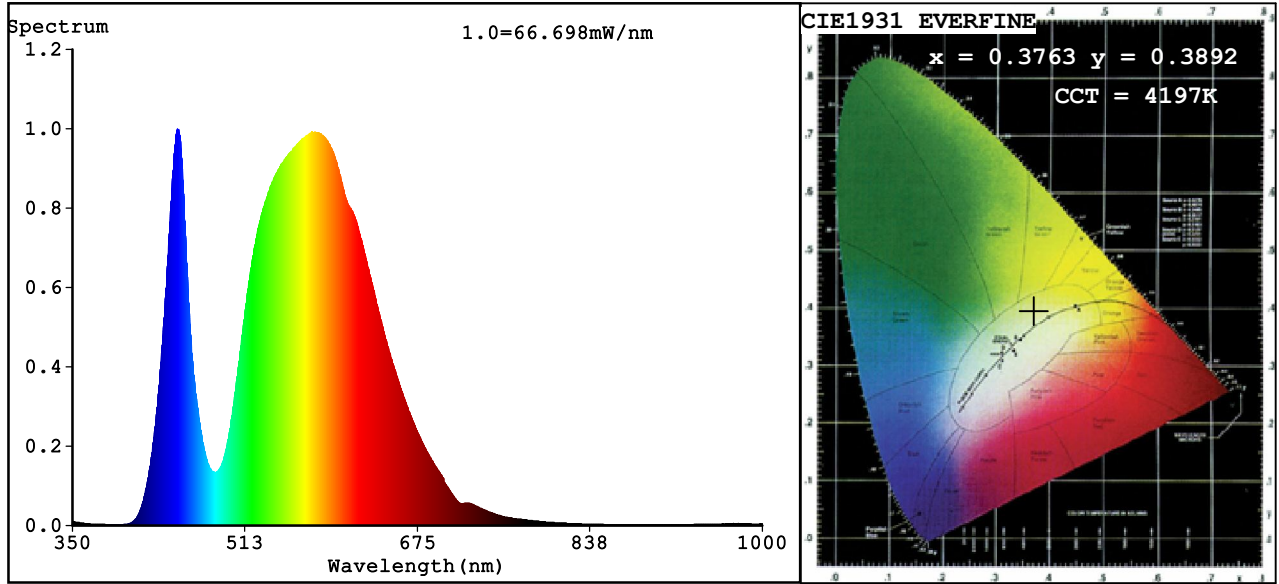
WHITE:ANSI_4500K

Status: Integral T = 15 ms Ip = 45458 (69%)

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

Number:99XPANEL014W
Date:2018-03-19 16:22
Humidity:65.0%
Remarks:017V063B_4395

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3763$ $y=0.3892$ / $u'=0.2176$ $v'=0.5063$
 CCT=4197K (Duv=0.0070) Dominant WL:Ld =574.8nm Purity=29.7%
 Ratio:R=15.6% G=82.1% B=2.3%;; Peak WL:Lp=448.9nm FWHM=25.0nm
 Render Index:Ra=71.1
 R1 =68 R2 =76 R3 =83 R4 =71 R5 =67 R6 =66 R7 =83
 R8 =55 R9 =0 R10=43 R11=66 R12=37 R13=69 R14=90 R15=61

Photo Parameters:

Flux = 3870 lm Eff. : 94.74 lm/W Fe = 11.08 W

Electrical parameters:

V = 229.83 V I = 0.1832 A P = 40.85 W PF = 0.9699

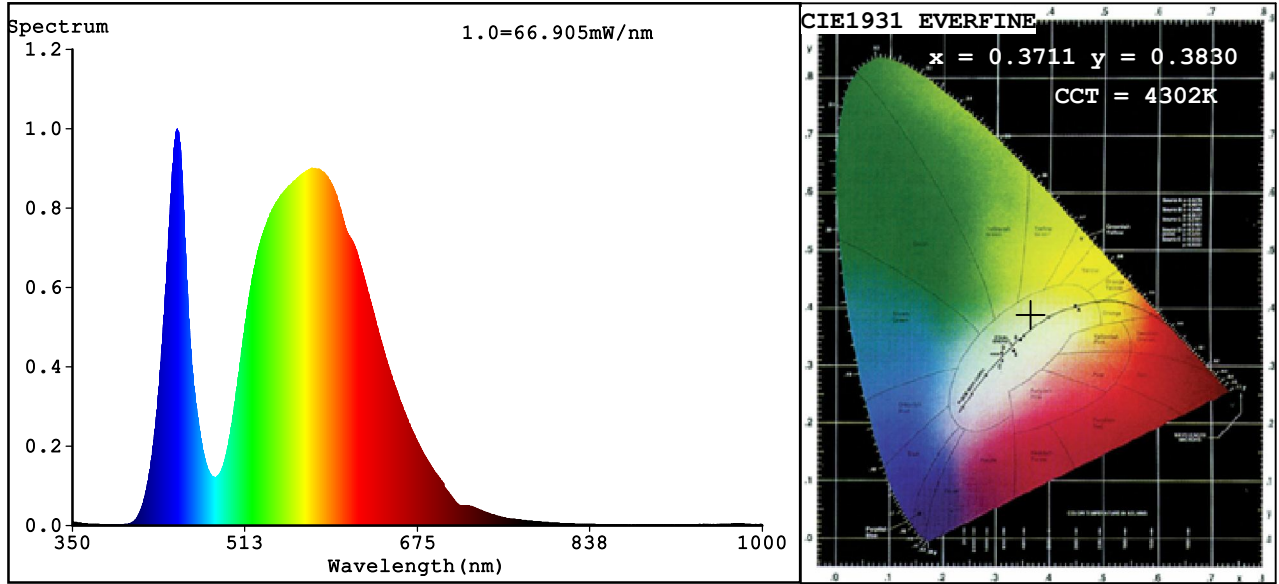
WHITE:OUT

Status: Integral T = 15 ms Ip = 47714 (73%)

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

Number:99XPANEL014W
 Date:2018-03-19 16:32
 Humidity:65.0%
 Remarks:017V063B_4395

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3711$ $y=0.3830$ $u'=0.2166$ $v'=0.5029$

CCT=4302K (Duv=0.0058) Dominant WL:Ld =574.7nm Purity=26.3%

Ratio:R=15.5% G=82.1% B=2.4%;;Peak WL:Lp=448.9nm FWHM=24.3nm

Render Index:Ra=71.4

R1 =68	R2 =76	R3 =82	R4 =72	R5 =68	R6 =67	R7 =82	
R8 =56	R9 =0	R10=43	R11=67	R12=38	R13=69	R14=90	R15=62

Photo Parameters:

Flux = 3546 lm Eff. : 84.25 lm/W Fe = 10.23 W

Electrical parameters:

V = 229.60 V I = 0.1888 A P = 42.09 W PF = 0.9709

WHITE:ANSI_4500K

Status: Integral T = 15 ms Ip = 43483 (66%)

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

Number:99XPANEL014W
Date:2018-03-20 08:59
Humidity:65.0%
Remarks:017V063B_4395