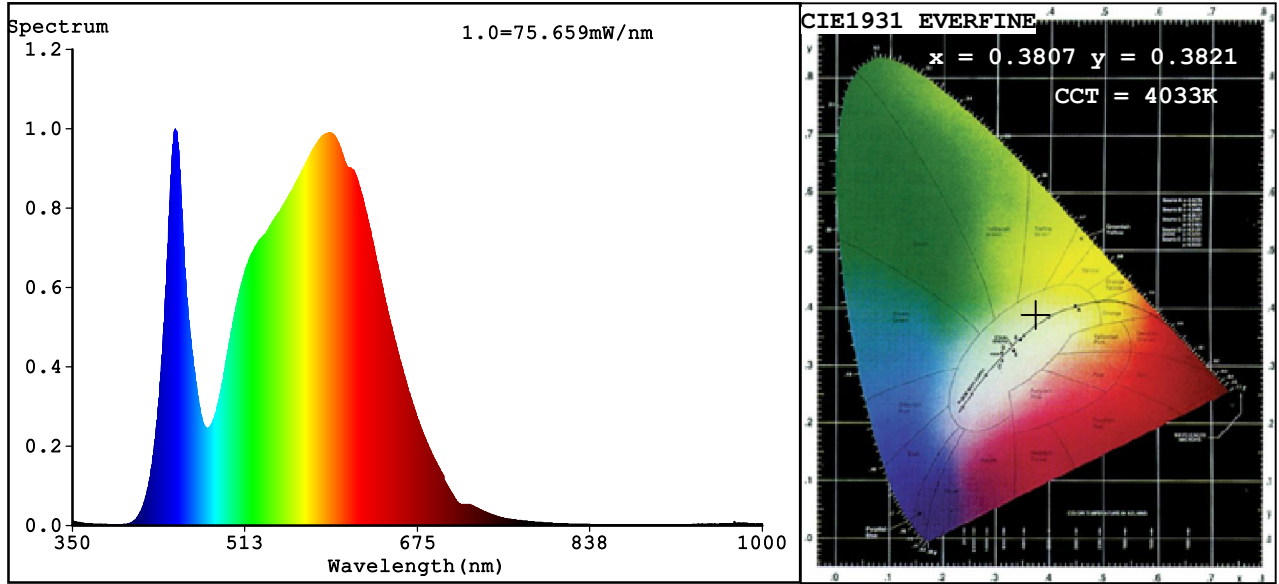


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3807$ $y=0.3821$ / $u'=0.2231$ $v'=0.5039$
 CCT=4033K (Duv=0.0024) Dominant WL:Ld =577.7nm Purity=28.9%
 Ratio:R=17.8% G=78.9% B=3.3%;; Peak WL:Lp=446.9nm FWHM=23.9nm
 Render Index:Ra=82.0
 R1 =80 R2 =87 R3 =93 R4 =82 R5 =80 R6 =82 R7 =87
 R8 =65 R9 =6 R10=69 R11=82 R12=63 R13=81 R14=96 R15=73

Photo Parameters:

Flux = 4369 lm Eff. : 93.06 lm/W Fe = 13.20 W

Electrical parameters:

V = 219.91 V I = 0.2169 A P = 46.95 W PF = 0.9843

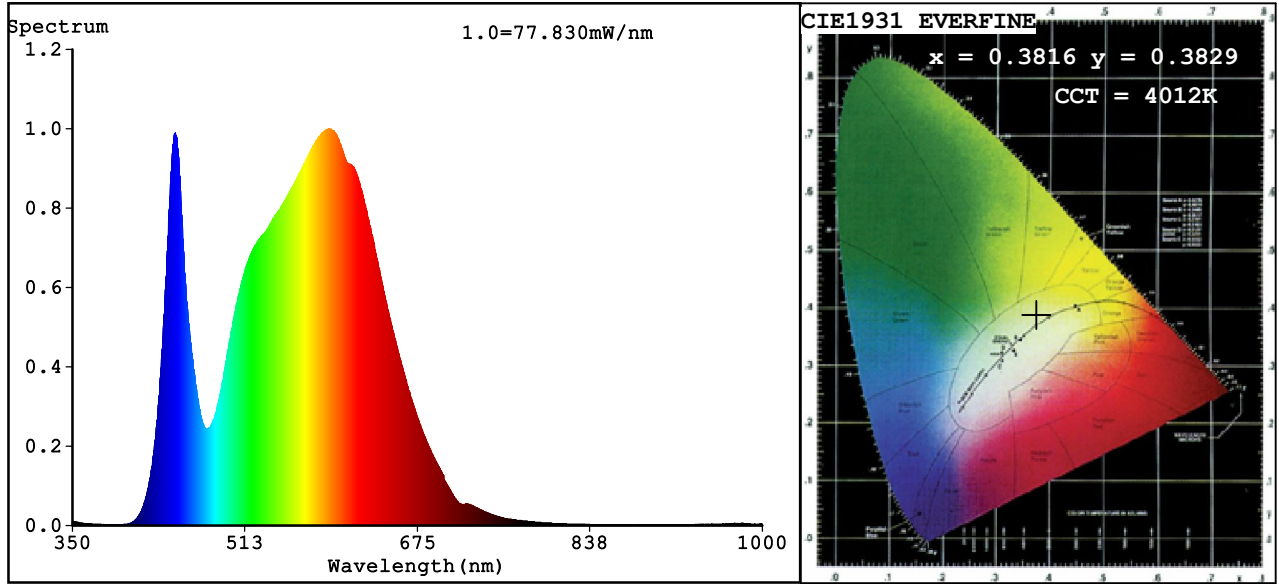
WHITE:ANSI_4000K

Status: Integral T = 9 ms Ip = 39410 (60%)

Model:LED PANEL/45W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:92PANEL018W
 Date:2018-08-15 11:22
 Humidity:65.0%
 Remarks:018V003B_4624

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3816$ $y=0.3829$ $u'=0.2235$ $v'=0.5044$
 CCT=4012K(Duv=0.0025) Dominant WL:Ld =577.7nm Purity=29.4%
 Ratio:R=17.9% G=78.8% B=3.3%;;Peak WL:Lp=593.8nm FWHM=150.6nm
 Render Index:Ra=81.8
 R1 =80 R2 =86 R3 =93 R4 =82 R5 =80 R6 =82 R7 =86
 R8 =65 R9 =6 R10=69 R11=82 R12=64 R13=81 R14=96 R15=73

Photo Parameters:

Flux = 4529 lm Eff. : 96.50 lm/W Fe = 13.65 W

Electrical parameters:

V = 230.03 V I = 0.2080 A P = 46.93 W PF = 0.9808

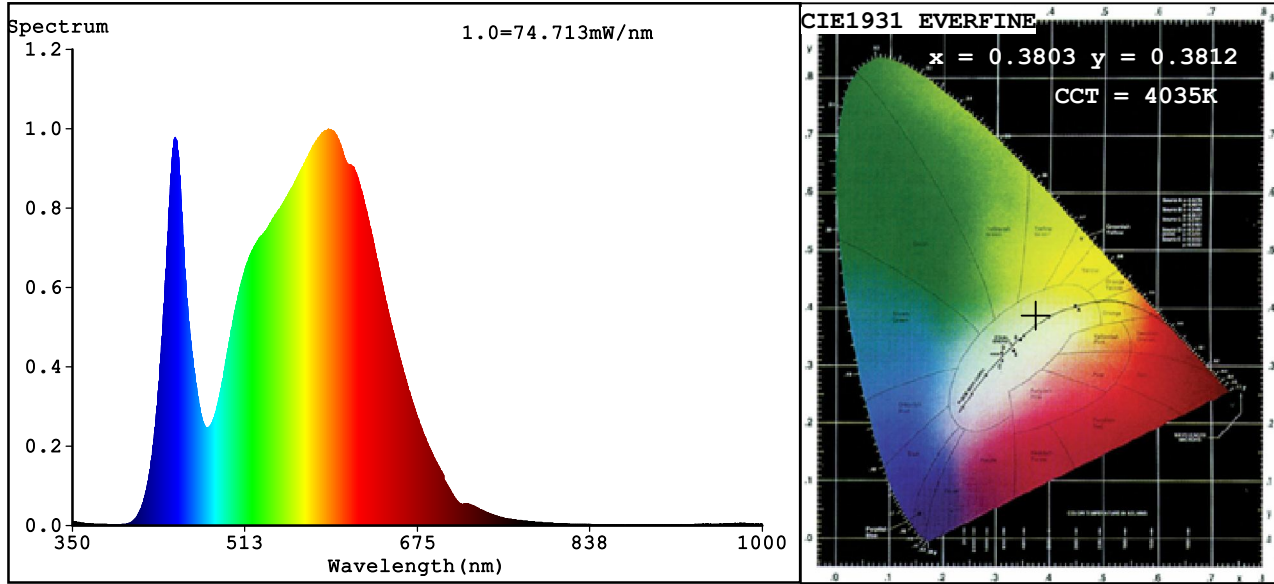
WHITE:ANSI_4000K

Status: Integral T = 9 ms Ip = 40887 (62%)

Model:LED PANEL/45W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:92PANEL018W
 Date:2018-08-15 12:50
 Humidity:65.0%
 Remarks:018V003B_4624

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3803$ $y=0.3812$ $u'=0.2232$ $v'=0.5035$
 CCT=4035K(Duv=0.0021) Dominant WL:Ld =577.8nm Purity=28.5%
 Ratio:R=17.8% G=78.9% B=3.3%;;Peak WL:Lp=591.1nm FWHM=150.7nm
 Render Index:Ra=81.9

R1 =80	R2 =86	R3 =93	R4 =82	R5 =80	R6 =82	R7 =86		
R8 =65	R9 =6	R10=69	R11=82	R12=64	R13=81	R14=96	R15=73	

Photo Parameters:

Flux = 4350 lm Eff. : 92.19 lm/W Fe = 13.17 W

Electrical parameters:

V = 229.94 V I = 0.2091 A P = 47.18 W PF = 0.9815

WHITE:ANSI_4000K

Status: Integral T = 9 ms Ip = 39236 (60%)

Model:LED PANEL/45W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:92PANEL018W
 Date:2018-08-15 12:59
 Humidity:65.0%
 Remarks:018V003B_4624