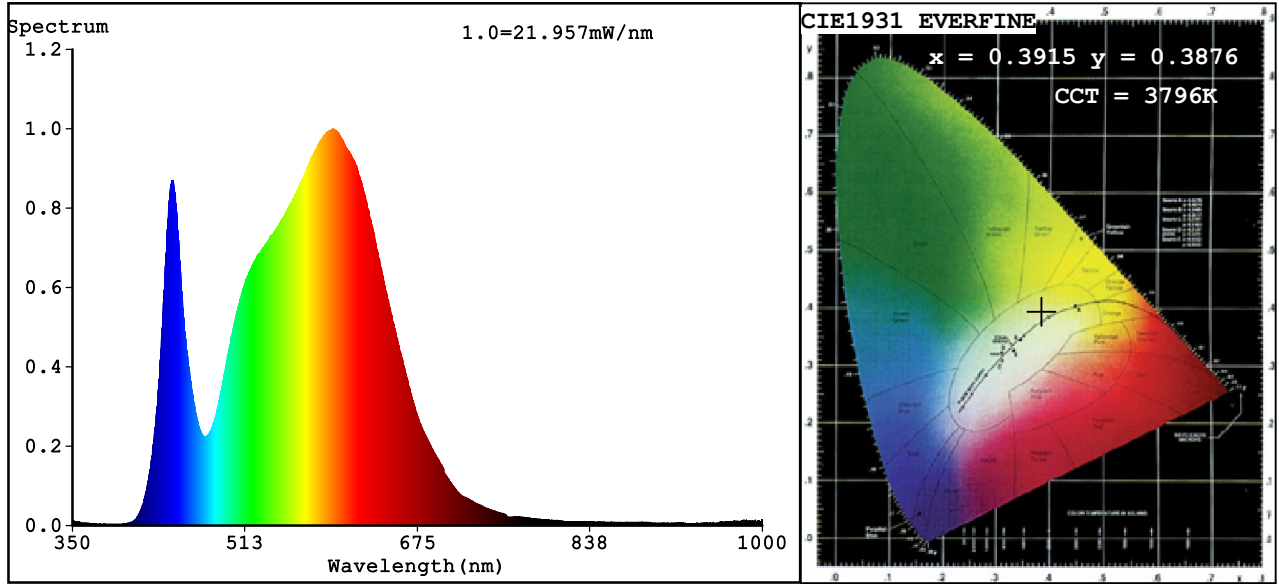


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3915$ $y=0.3876$ $u'=0.2280$ $v'=0.5079$
 CCT=3796K(Duv=0.0019) Dominant WL:Ld =578.9nm Purity=33.8%
 Ratio:R=18.8% G=78.1% B=3.1%;;Peak WL:Lp=595.5nm FWHM=151.6nm
 Render Index:Ra=82.5
 R1 =81 R2 =87 R3 =93 R4 =83 R5 =81 R6 =83 R7 =86
 R8 =65 R9 =8 R10=70 R11=83 R12=68 R13=82 R14=96 R15=74

Photo Parameters:

Flux = 1247 lm Eff. : 67.33 lm/W Fe = 3.822 W

Electrical parameters:

V = 230.00 V I = 0.1580 A P = 18.53 W PF = 0.5099

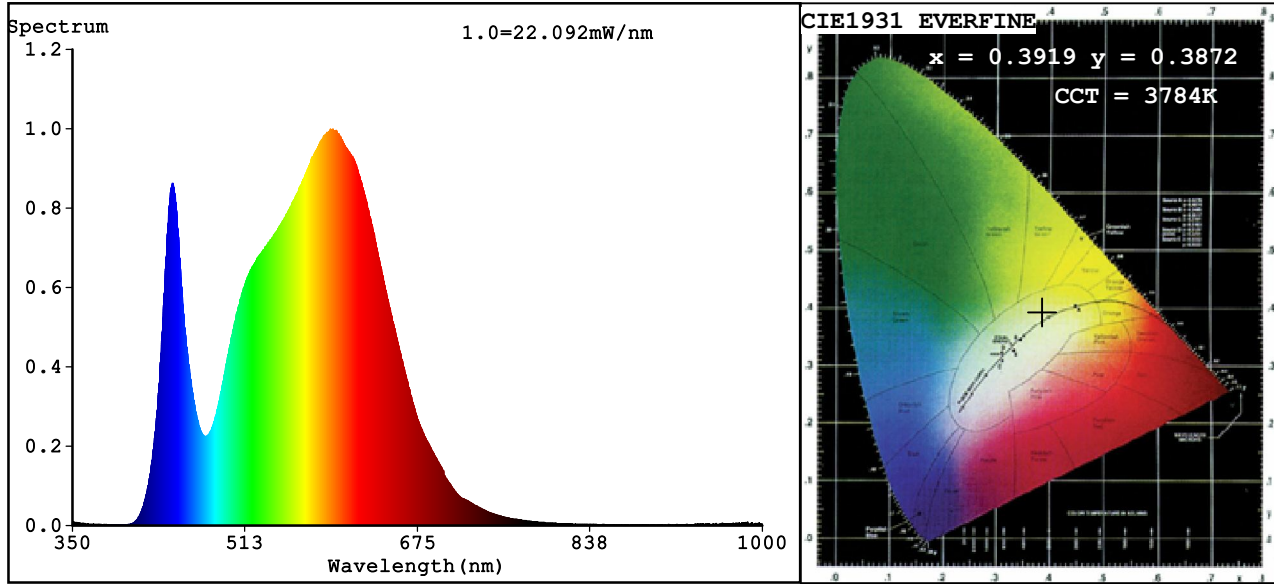
WHITE:ANSI_4000K

Status: Integral T = 41 ms Ip = 45543 (69%)

Model:LED PANEL ROUND/18W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED614
 Date:2018-03-15 09:15
 Humidity:65.0%
 Remarks:017V060A_4392

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3919$ $y=0.3872$ $u'=0.2284$ $v'=0.5078$
 CCT=3784K(Duv=0.0017) Dominant WL:Ld =579.1nm Purity=33.8%
 Ratio:R=18.9% G=78.0% B=3.1%;;Peak WL:Lp=595.5nm FWHM=151.4nm
 Render Index:Ra=82.7
 R1 =81 R2 =87 R3 =94 R4 =84 R5 =81 R6 =84 R7 =86
 R8 =65 R9 =9 R10=71 R11=84 R12=69 R13=82 R14=96 R15=74

Photo Parameters:

Flux = 1250 lm Eff. : 70.60 lm/W Fe = 3.788 W

Electrical parameters:

V = 229.94 V I = 0.1527 A P = 17.70 W PF = 0.5043

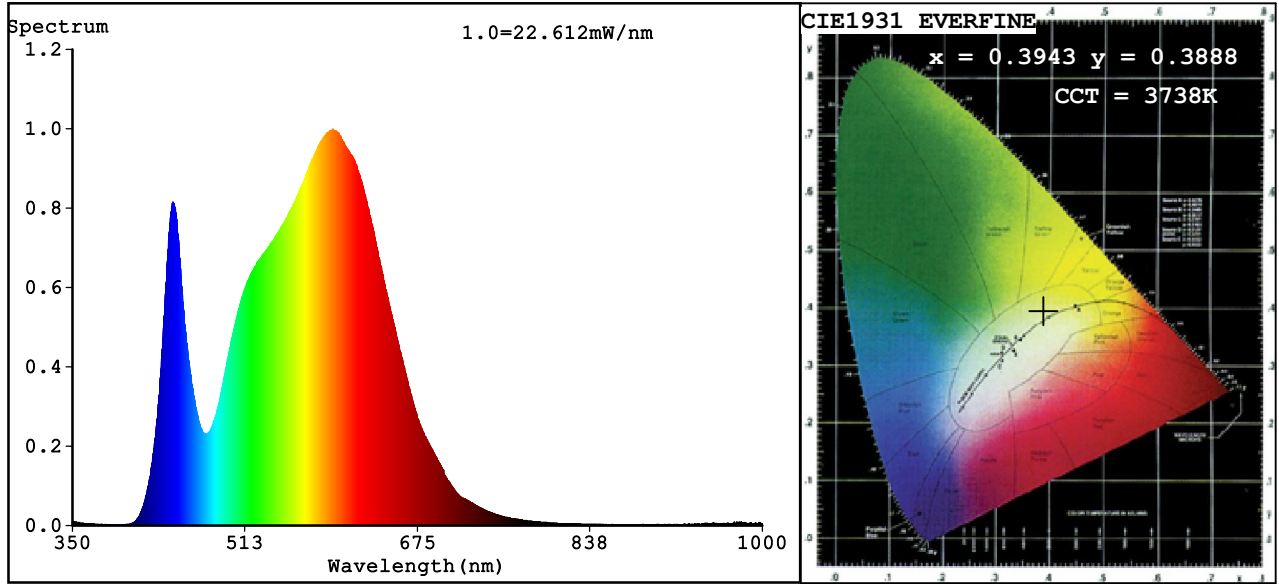
WHITE:ANSI_4000K

Status: Integral T = 41 ms Ip = 45740 (70%)

Model:LED PANEL ROUND/18W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED614
 Date:2018-03-15 09:29
 Humidity:65.0%
 Remarks:017V060A_4392

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3943$ $y=0.3888$ / $u'=0.2293$ $v'=0.5088$
 CCT=3738K (Duv=0.0018) Dominant WL:Ld =579.2nm Purity=35.0%
 Ratio:R=19.1% G=77.8% B=3.1%; Peak WL:Lp=595.5nm FWHM=150.9nm
 Render Index:Ra=82.9
 R1 =81 R2 =88 R3 =94 R4 =83 R5 =81 R6 =84 R7 =86
 R8 =65 R9 =9 R10=72 R11=83 R12=69 R13=82 R14=97 R15=74

Photo Parameters:

Flux = 1270 lm Eff. : 67.01 lm/W Fe = 3.851 W

Electrical parameters:

V = 229.92 V I = 0.1615 A P = 18.96 W PF = 0.5105

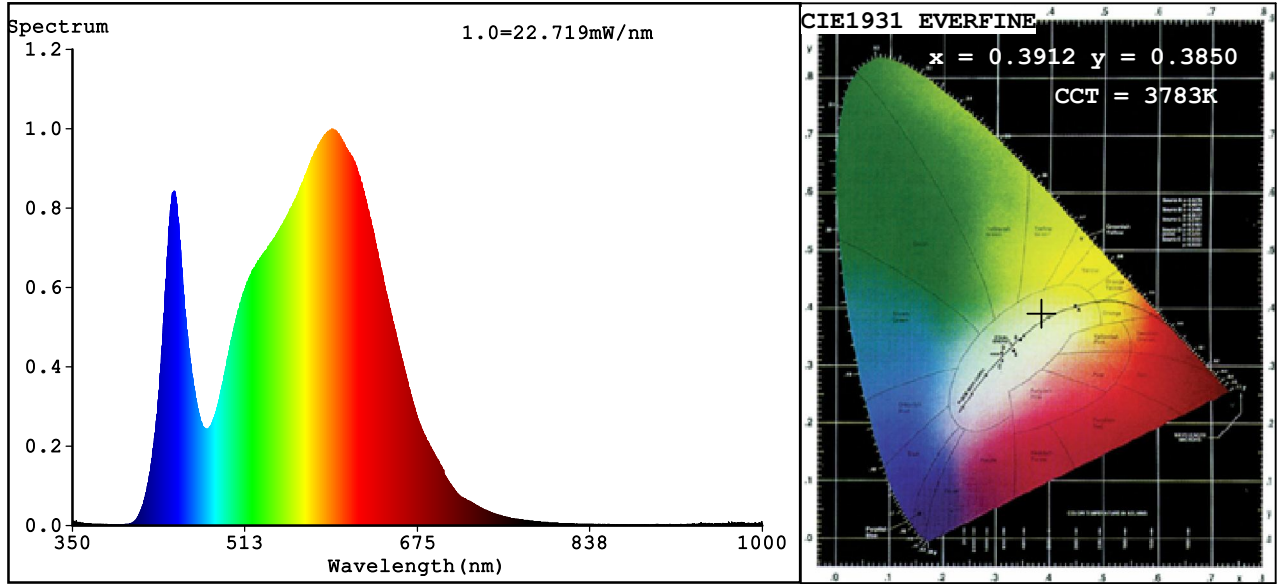
WHITE:ANSI_4000K

Status: Integral T = 41 ms Ip = 46755 (71%)

Model:LED PANEL ROUND/18W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED614
 Date:2018-03-15 09:32
 Humidity:65.0%
 Remarks:017V060A_4392

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3912$ $y=0.3850$ / $u'=0.2289$ $v'=0.5067$
 CCT=3783K (Duv=0.0008) Dominant WL:Ld =579.5nm Purity=33.0%
 Ratio:R=19.0% G=77.8% B=3.2%;; Peak WL:Lp=595.5nm FWHM=150.8nm
 Render Index:Ra=83.0
 R1 =81 R2 =88 R3 =94 R4 =83 R5 =82 R6 =85 R7 =86
 R8 =65 R9 =10 R10=72 R11=83 R12=69 R13=82 R14=97 R15=75

Photo Parameters:

Flux = 1278 lm Eff. : 68.78 lm/W Fe = 3.898 W

Electrical parameters:

V = 229.86 V I = 0.1620 A P = 18.59 W PF = 0.4990

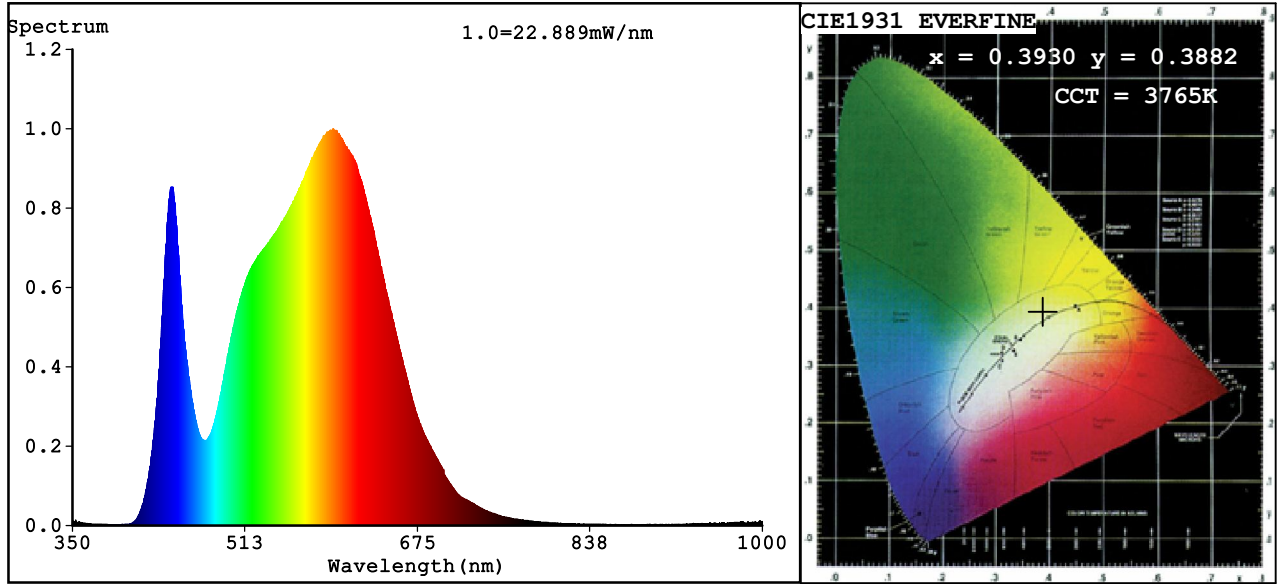
WHITE:ANSI_4000K

Status: Integral T = 41 ms Ip = 47060 (72%)

Model:LED PANEL ROUND/18W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED614
 Date:2018-03-15 09:46
 Humidity:65.0%
 Remarks:017V060A_4392

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3930$ $y=0.3882$ $u'=0.2287$ $v'=0.5084$
 CCT=3765K(Duv=0.0018) Dominant WL:Ld =579.1nm Purity=34.5%
 Ratio:R=19.0% G=78.0% B=3.0%;; Peak WL:Lp=595.5nm FWHM=151.8nm
 Render Index:Ra=82.6
 R1 =81 R2 =87 R3 =93 R4 =84 R5 =81 R6 =84 R7 =86
 R8 =65 R9 =9 R10=71 R11=84 R12=69 R13=82 R14=96 R15=74

Photo Parameters:

Flux = 1295 lm Eff. : 71.50 lm/W Fe = 3.933 W

Electrical parameters:

V = 229.85 V I = 0.1554 A P = 18.11 W PF = 0.5070

WHITE:ANSI_4000K

Status: Integral T = 41 ms Ip = 47376 (72%)

Model:LED PANEL ROUND/18W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED614
 Date:2018-03-15 09:48
 Humidity:65.0%
 Remarks:017V060A_4392