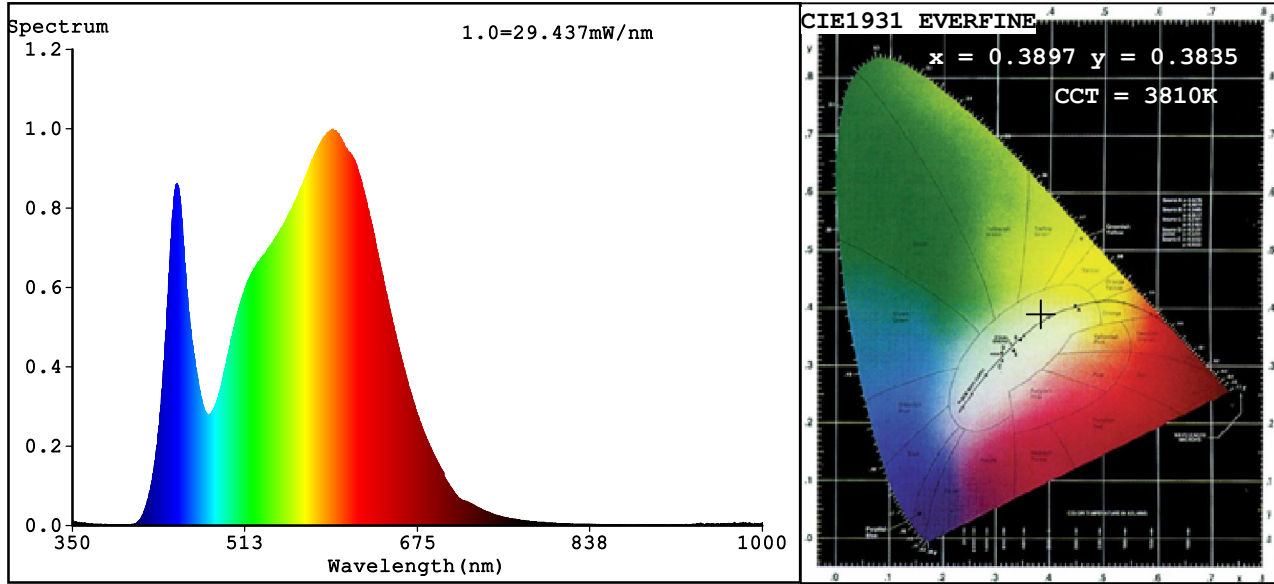


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3897$ $y=0.3835$ $u'=0.2284$ $v'=0.5059$

CCT=3810K(Duv=0.0006) Dominant WL:Ld =579.5nm Purity=32.0%

Ratio:R=19.0% G=77.6% B=3.4%;;Peak WL:Lp=595.5nm FWHM=150.8nm

Render Index:Ra=84.0

R1 =82	R2 =90	R3 =96	R4 =84	R5 =83	R6 =86	R7 =86		
R8 =66	R9 =12	R10=76	R11=83	R12=69	R13=84	R14=98	R15=76	

Photo Parameters:

Flux = 1655 lm Eff. : 70.87 lm/W Fe = 5.045 W

Electrical parameters:

V = 229.98 V I = 0.2023 A P = 23.35 W PF = 0.5019

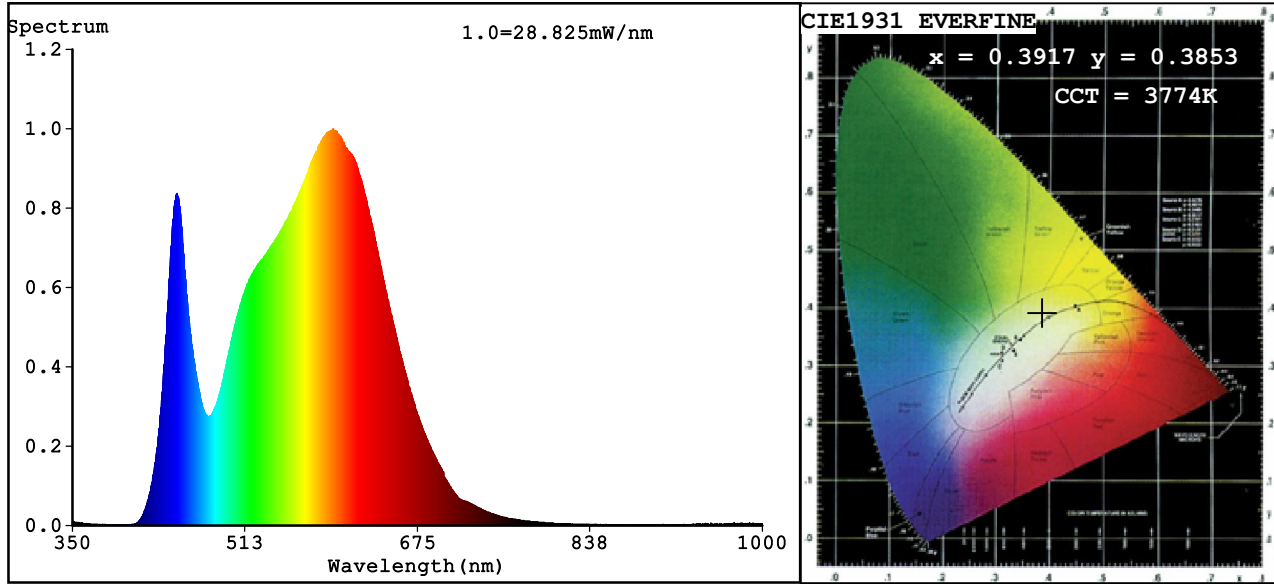
WHITE:ANSI_4000K

Status: Integral T = 29 ms Ip = 42961 (66%)

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

Number:99XLED636
Date:2018-03-15 16:39
Humidity:65.0%
Remarks:017V060A_4392

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3917$ $y=0.3853$ $u'=0.2290$ $v'=0.5070$
 CCT=3774K(Duv=0.0009) Dominant WL:Ld =579.5nm Purity=33.2%
 Ratio:R=19.1% G=77.5% B=3.4%;;Peak WL:Lp=595.5nm FWHM=150.5nm
 Render Index:Ra=83.9
 R1 =82 R2 =89 R3 =96 R4 =84 R5 =83 R6 =86 R7 =86
 R8 =65 R9 =12 R10=76 R11=83 R12=69 R13=84 R14=98 R15=76

Photo Parameters:

Flux = 1616 lm Eff. : 69.28 lm/W Fe = 4.918 W

Electrical parameters:

V = 229.91 V I = 0.2023 A P = 23.33 W PF = 0.5017

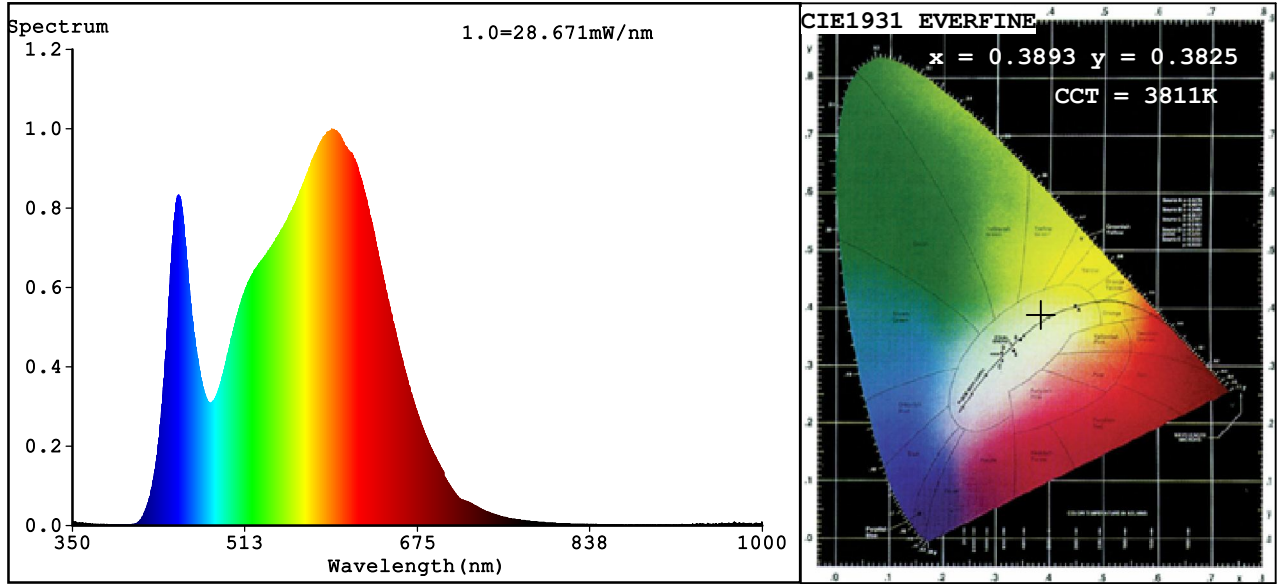
WHITE:ANSI_4000K

Status: Integral T = 29 ms Ip = 42157 (64%)

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

Number:99XLED636
 Date:2018-03-16 08:33
 Humidity:65.0%
 Remarks:017V060A_4392

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3893$ $y=0.3825$ $u'=0.2286$ $v'=0.5054$
 CCT=3811K(Duv=0.0002) Dominant WL:Ld =579.7nm Purity=31.6%
 Ratio:R=19.1% G=77.3% B=3.6%;;Peak WL:Lp=594.5nm FWHM=150.9nm
 Render Index:Ra=84.6
 R1 =83 R2 =91 R3 =96 R4 =84 R5 =83 R6 =88 R7 =86
 R8 =66 R9 =14 R10=78 R11=83 R12=69 R13=85 R14=98 R15=77

Photo Parameters:

Flux = 1610 lm Eff. : 68.38 lm/W Fe = 4.927 W

Electrical parameters:

V = 229.84 V I = 0.2036 A P = 23.54 W PF = 0.5031

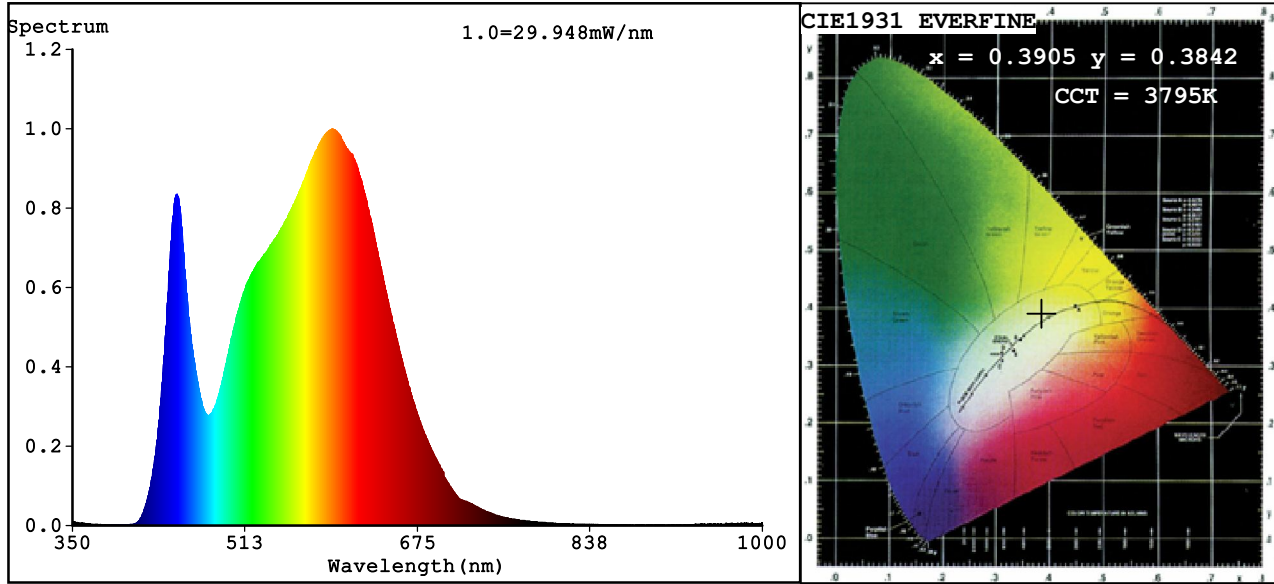
WHITE:ANSI_4000K

Status: Integral T = 29 ms Ip = 41931 (64%)

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

Number:99XLED636
 Date:2018-03-16 08:38
 Humidity:65.0%
 Remarks:017V060A_4392

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3905$ $y=0.3842$ / $u'=0.2287$ $v'=0.5063$
CCT=3795K(Duv=0.0007) Dominant WL:Ld =579.5nm Purity=32.5%
Ratio:R=19.0% G=77.6% B=3.4%;;Peak WL:Lp=595.4nm FWHM=150.8nm
Render Index:Ra=83.9
R1 =82 R2 =89 R3 =96 R4 =84 R5 =83 R6 =86 R7 =86
R8 =65 R9 =12 R10=76 R11=83 R12=69 R13=84 R14=98 R15=76

Photo Parameters:

Flux = 1685 lm Eff. : 72.38 lm/W Fe = 5.136 W

Electrical parameters:

V = 229.89 V I = 0.2031 A P = 23.28 W PF = 0.4987

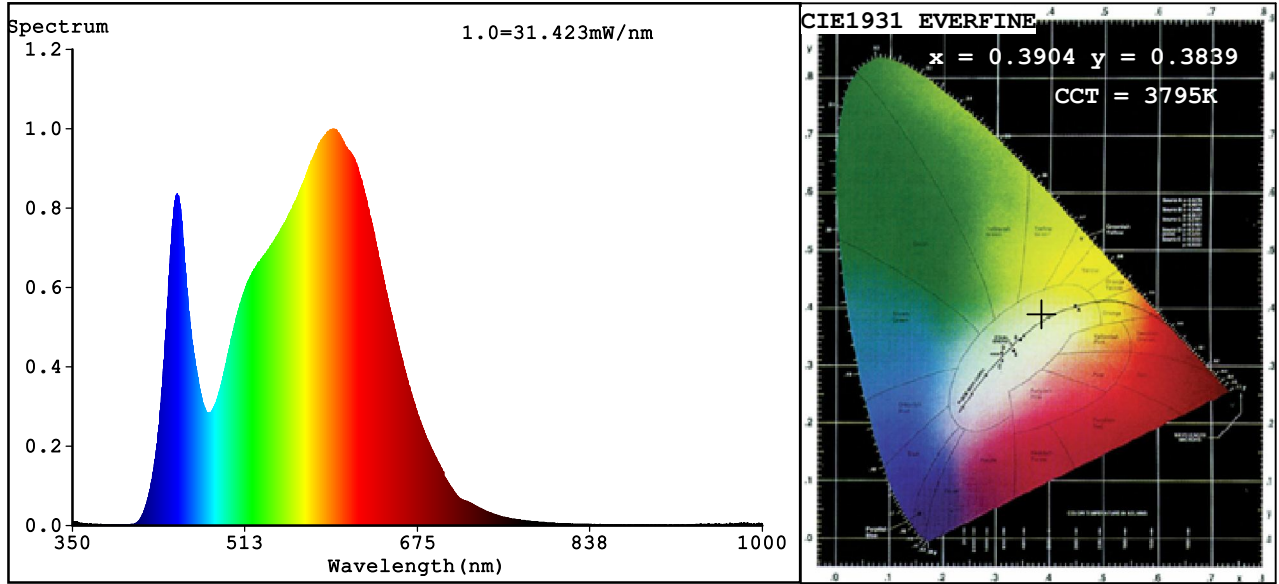
WHITE:ANSI_4000K

Status: Integral T = 29 ms Ip = 43873 (67%)

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

Number:99XLED636
Date:2018-03-16 09:09
Humidity:65.0%
Remarks:017V060A_4392

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3904$ $y=0.3839$ $u'=0.2288$ $v'=0.5062$
 CCT=3795K(Duv=0.0005) Dominant WL:Ld =579.6nm Purity=32.4%
 Ratio:R=19.1% G=77.5% B=3.4%;;Peak WL:Lp=595.5nm FWHM=150.8nm
 Render Index:Ra=84.0
 R1 =82 R2 =90 R3 =96 R4 =84 R5 =83 R6 =87 R7 =86
 R8 =65 R9 =12 R10=76 R11=83 R12=69 R13=84 R14=98 R15=76

Photo Parameters:

Flux = 1767 lm Eff. : 70.53 lm/W Fe = 5.391 W

Electrical parameters:

V = 229.86 V I = 0.2143 A P = 25.06 W PF = 0.5087

WHITE:ANSI_4000K

Status: Integral T = 29 ms Ip = 45952 (70%)

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

Number:99XLED636
 Date:2018-03-16 09:13
 Humidity:65.0%
 Remarks:017V060A_4392