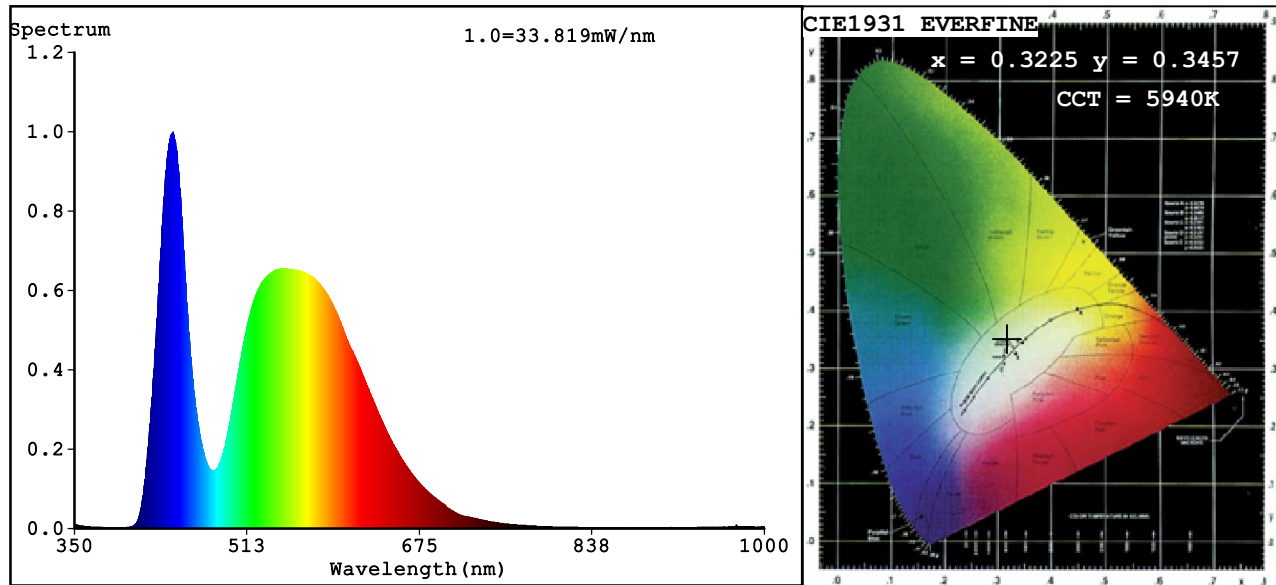


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3225$ $y=0.3457$ $u'=0.1983$ $v'=0.4784$

CCT=5940K(Duv=0.0069) Dominant WL:Ld =507.4nm Purity=3.3%

Ratio:R=12.5% G=84.1% B=3.5%;; Peak WL:Lp=442.8nm FWHM=30.4nm

Render Index:Ra=71.7

R1 =69 R2 =74 R3 =79 R4 =74 R5 =72 R6 =68 R7 =79

R8 =59 R9 =0 R10=40 R11=74 R12=51 R13=69 R14=88 R15=62

Photo Parameters:

Flux = 1353 lm Eff. : 72.51 lm/W Fe = 4.189 W

Electrical parameters:

V = 230.01 V I = 0.1611 A P = 18.66 W PF = 0.5035

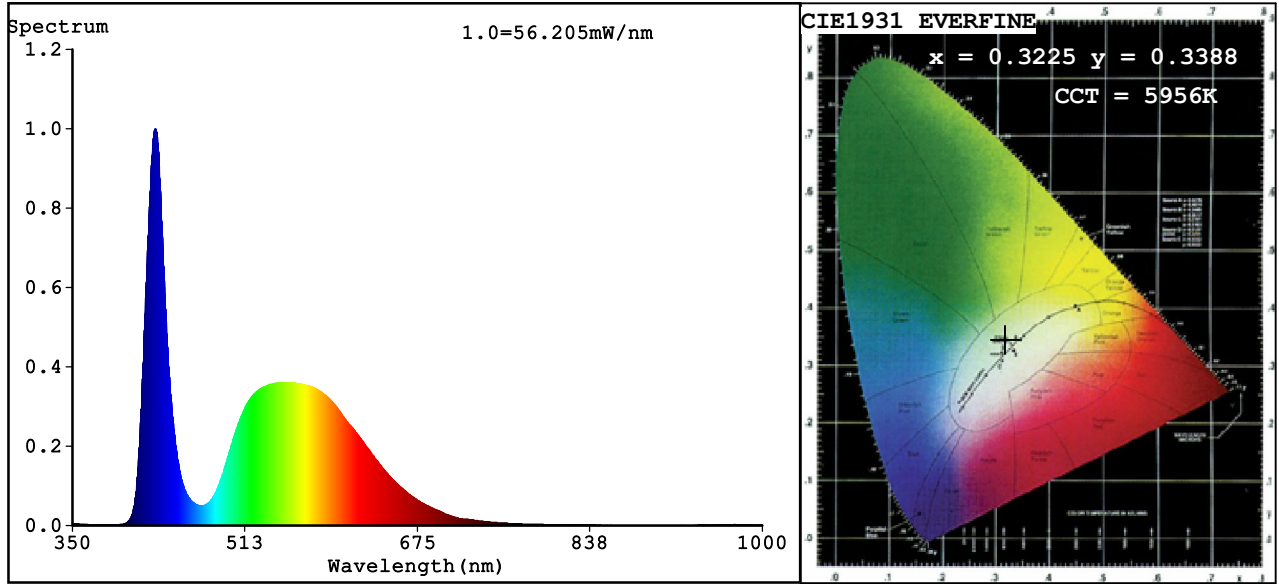
WHITE:ANSI_5700K

Status: Integral T = 28 ms Ip = 50990 (78%)

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

Number:99XLED634CW
Date:2018-07-16 14:09
Humidity:65.0%
Remarks:017V077A_4536

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3225$ $y=0.3388$ $u'=0.2009$ $v'=0.4749$

CCT=5956K (Duv=0.0034) Dominant WL:Ld =498.3nm Purity=3.4%

Ratio:R=12.7% G=84.4% B=3.0%;; Peak WL:Lp=428.2nm FWHM=20.8nm

Render Index:Ra=68.3

R1 =70	R2 =70	R3 =72	R4 =69	R5 =72	R6 =66	R7 =70		
R8 =58	R9 =0	R10=31	R11=77	R12=41	R13=67	R14=84	R15=59	

Photo Parameters:

Flux = 1248 lm Eff. : 63.58 lm/W Fe = 4.221 W

Electrical parameters:

V = 229.99 V I = 0.1676 A P = 19.63 W PF = 0.5093

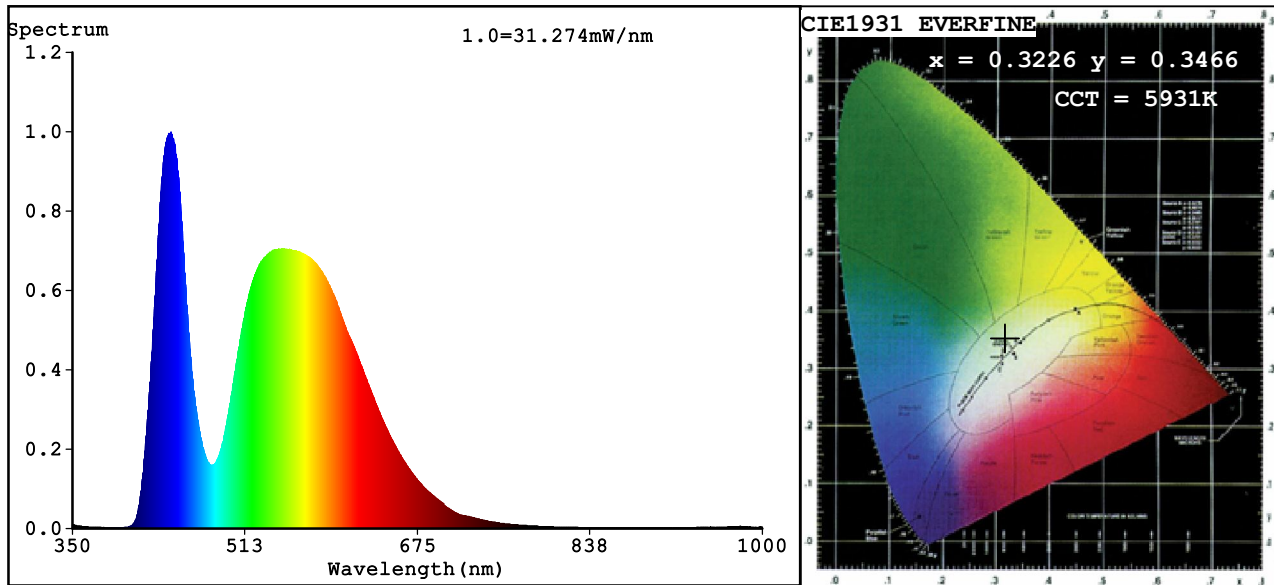
WHITE:ANSI_5700K

Status: Integral T = 17 ms Ip = 47400 (72%)

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

Number:99XLED634CW
Date:2018-07-16 14:12
Humidity:65.0%
Remarks:017V077A_4536

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3226$ $y=0.3466$ $u'=0.1981$ $v'=0.4789$

CCT=5931K(Duv=0.0073) Dominant WL:Ld =508.9nm Purity=3.3%

Ratio:R=12.4% G=84.1% B=3.5%;;Peak WL:Lp=442.8nm FWHM=33.3nm

Render Index:Ra=71.7

R1 =69 R2 =74 R3 =79 R4 =73 R5 =71 R6 =68 R7 =79

R8 =59 R9 =0 R10=40 R11=73 R12=50 R13=69 R14=88 R15=62

Photo Parameters:

Flux = 1344 lm Eff. : 72.30 lm/W Fe = 4.156 W

Electrical parameters:

V = 229.92 V I = 0.1602 A P = 18.59 W PF = 0.5049

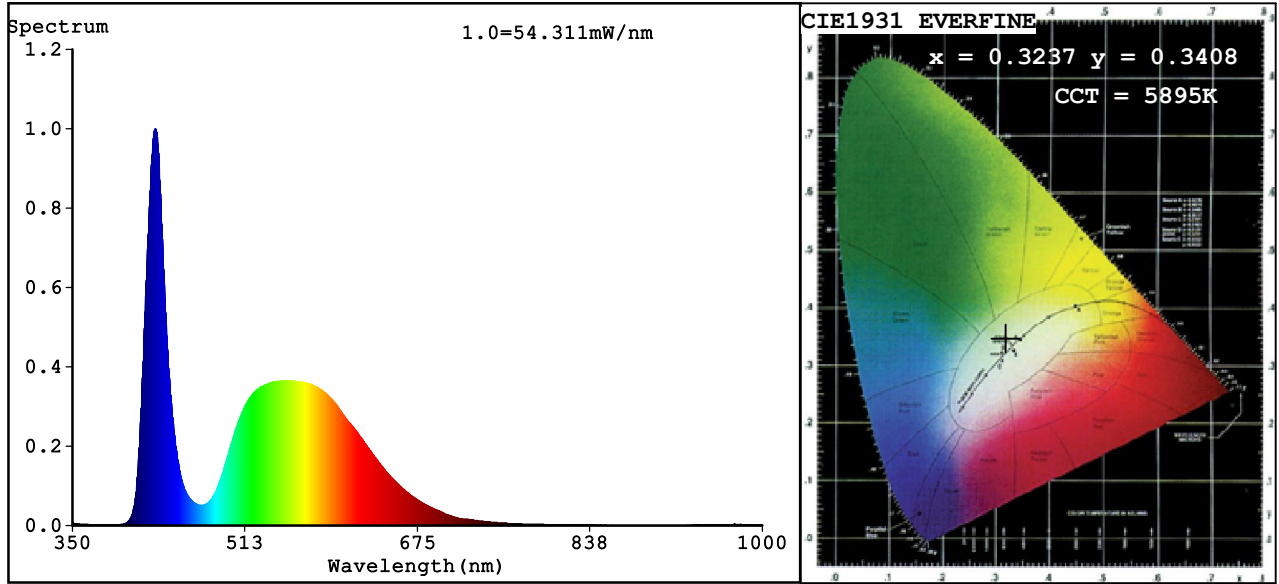
WHITE:ANSI_5700K

Status: Integral T = 30 ms Ip = 50550 (77%)

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

Number:99XLED634CW
Date:2018-07-16 14:15
Humidity:65.0%
Remarks:017V077A_4536

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3237$ $y=0.3408$ $u'=0.2010$ $v'=0.4761$

CCT=5895K(Duv=0.0038) Dominant WL:Ld =502.0nm Purity=2.9%

Ratio:R=12.7% G=84.3% B=3.0%;;Peak WL:Lp=428.2nm FWHM=20.7nm

Render Index:Ra=68.4

R1 =70	R2 =70	R3 =73	R4 =69	R5 =72	R6 =66	R7 =70	
R8 =57	R9 =0	R10=32	R11=77	R12=41	R13=67	R14=84	R15=59

Photo Parameters:

Flux = 1222 lm Eff. : 65.99 lm/W Fe = 4.115 W

Electrical parameters:

V = 229.93 V I = 0.1582 A P = 18.53 W PF = 0.5093

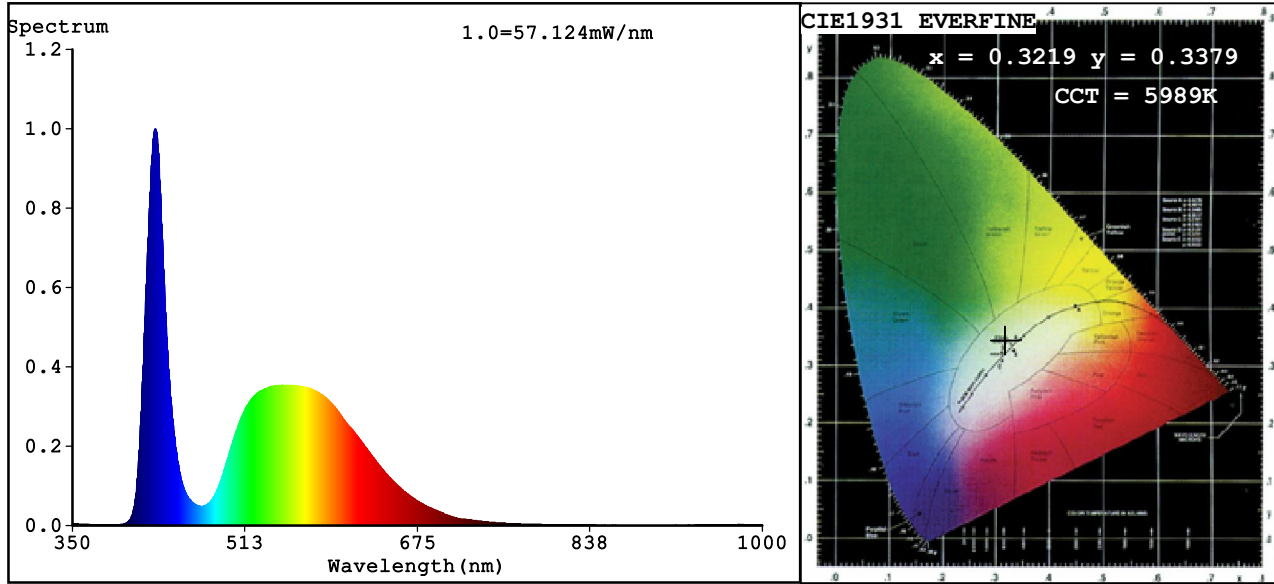
WHITE:ANSI_5700K

Status: Integral T = 19 ms Ip = 51155 (78%)

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

Number:99XLED634CW
Date:2018-07-16 14:17
Humidity:65.0%
Remarks:017V077A_4536

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3219$ $y=0.3379$ $u'=0.2008$ $v'=0.4744$

CCT=5989K(Duv=0.0033) Dominant WL:Ld =496.9nm Purity=3.6%

Ratio:R=12.6% G=84.4% B=3.0%;;Peak WL:Lp=428.1nm FWHM=20.5nm

Render Index:Ra=68.2

R1 =70	R2 =70	R3 =72	R4 =69	R5 =72	R6 =66	R7 =70	
R8 =58	R9 =0	R10=31	R11=77	R12=41	R13=67	R14=84	R15=59

Photo Parameters:

Flux = 1246 lm Eff. : 63.82 lm/W Fe = 4.220 W

Electrical parameters:

V = 229.90 V I = 0.1664 A P = 19.53 W PF = 0.5104

WHITE:ANSI_5700K

Status: Integral T = 19 ms Ip = 53795 (82%)

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

Number:99XLED634CW
Date:2018-07-16 14:19
Humidity:65.0%
Remarks:017V077A_4536