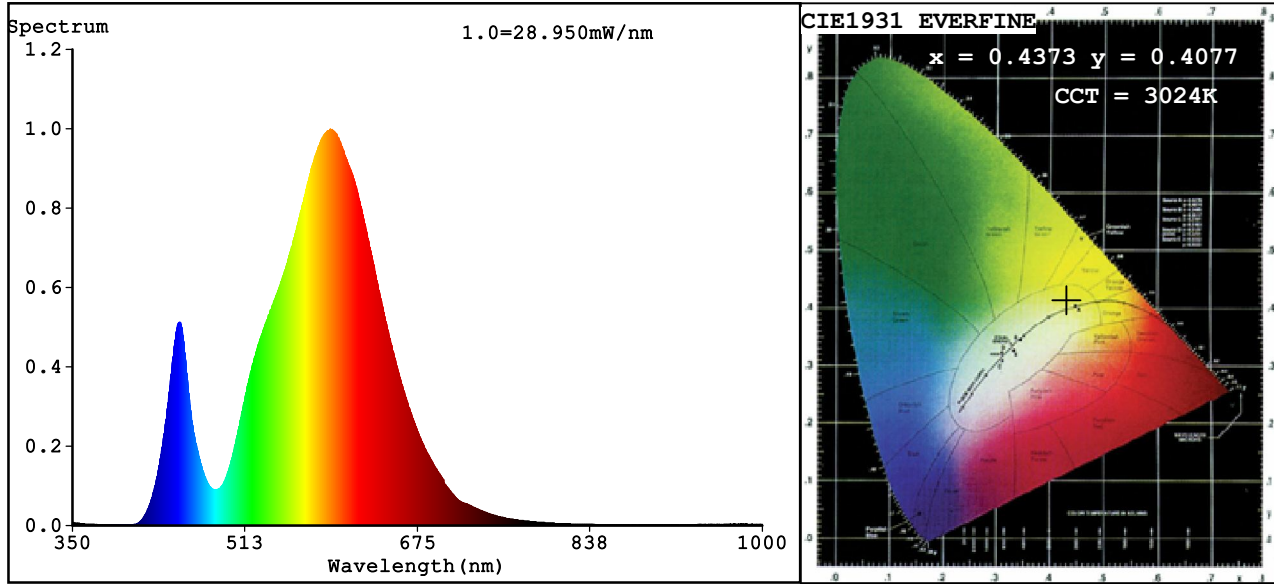


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4373$ $y=0.4077$ $u'=0.2492$ $v'=0.5229$

CCT=3024K (Duv=0.0014) Dominant WL:Ld =582.2nm Purity=53.7%

Ratio:R=20.9% G=77.5% B=1.6%;; Peak WL:Lp=592.8nm FWHM=115.8nm

Render Index:Ra=71.0

R1 =67 R2 =81 R3 =93 R4 =67 R5 =66 R6 =73 R7 =78

R8 =44 R9 =0 R10=55 R11=61 R12=45 R13=69 R14=96 R15=60

Photo Parameters:

Flux = 1396 lm Eff. : 73.57 lm/W Fe = 3.953 W

Electrical parameters:

V = 239.97 V I = 0.1582 A P = 18.97 W PF = 0.5000

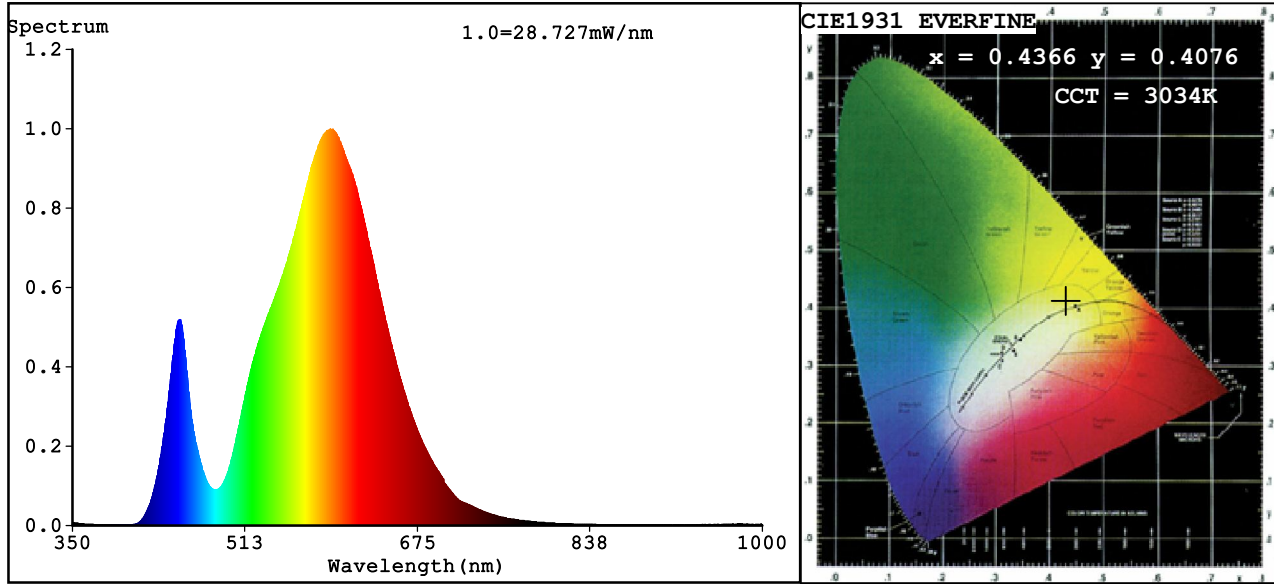
WHITE:ANSI_3000K

Status: Integral T = 36 ms Ip = 52746 (80%)

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

Number:99XLED635
Date:2018-03-14 11:28
Humidity:65.0%
Remarks:017V060A_4392

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4366$ $y=0.4076$ $u'=0.2488$ $v'=0.5227$

CCT=3034K(Duv=0.0014) Dominant WL:Ld =582.2nm Purity=53.4%

Ratio:R=20.8% G=77.6% B=1.6%;;Peak WL:Lp=592.8nm FWHM=116.5nm

Render Index:Ra=71.1

R1 =67 R2 =81 R3 =92 R4 =67 R5 =66 R6 =73 R7 =78

R8 =44 R9 =0 R10=55 R11=61 R12=45 R13=70 R14=96 R15=60

Photo Parameters:

Flux = 1391 lm Eff. : 73.63 lm/W Fe = 3.942 W

Electrical parameters:

V = 239.96 V I = 0.1570 A P = 18.89 W PF = 0.5015

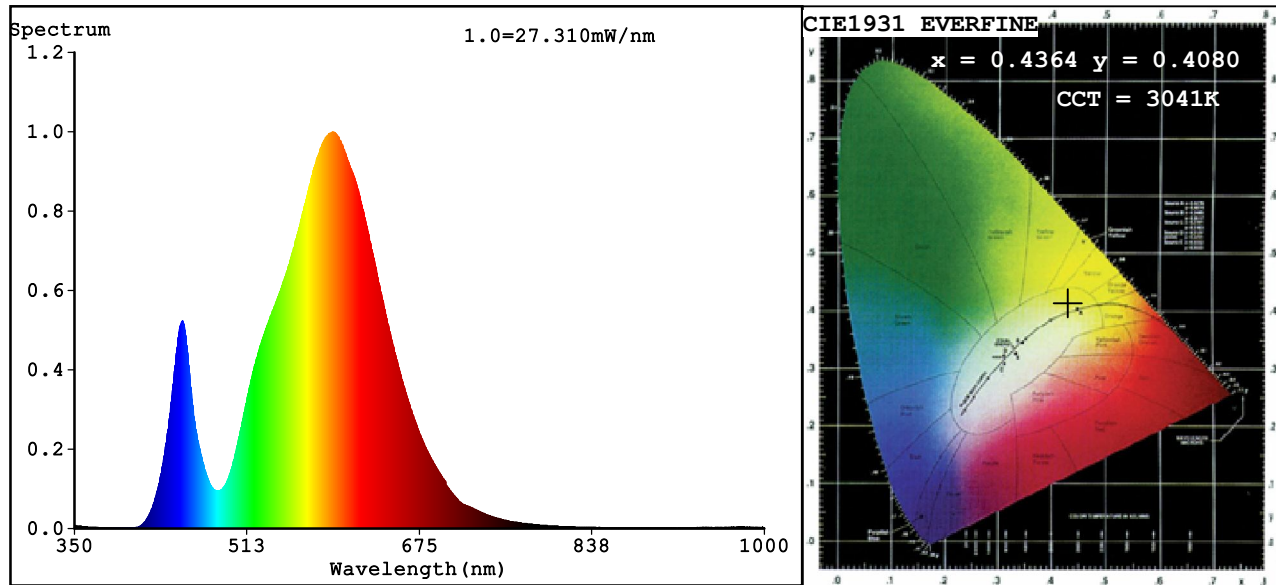
WHITE:ANSI_3000K

Status: Integral T = 36 ms Ip = 52440 (80%)

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

Number:99XLED635
Date:2018-03-14 12:47
Humidity:65.0%
Remarks:017V060A_4392

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4364$ $y=0.4080$ / $u'=0.2485$ $v'=0.5228$

CCT=3041K (Duv=0.0016) Dominant WL:Ld =582.1nm Purity=53.5%

Ratio:R=20.8% G=77.5% B=1.7%; Peak WL:Lp=592.8nm FWHM=116.7nm

Render Index:Ra=71.3

R1 =67 R2 =81 R3 =93 R4 =67 R5 =66 R6 =73 R7 =79

R8 =44 R9 =0 R10=56 R11=61 R12=45 R13=70 R14=96 R15=60

Photo Parameters:

Flux = 1324 lm Eff. : 70.36 lm/W Fe = 3.754 W

Electrical parameters:

V = 239.95 V I = 0.1565 A P = 18.82 W PF = 0.5013

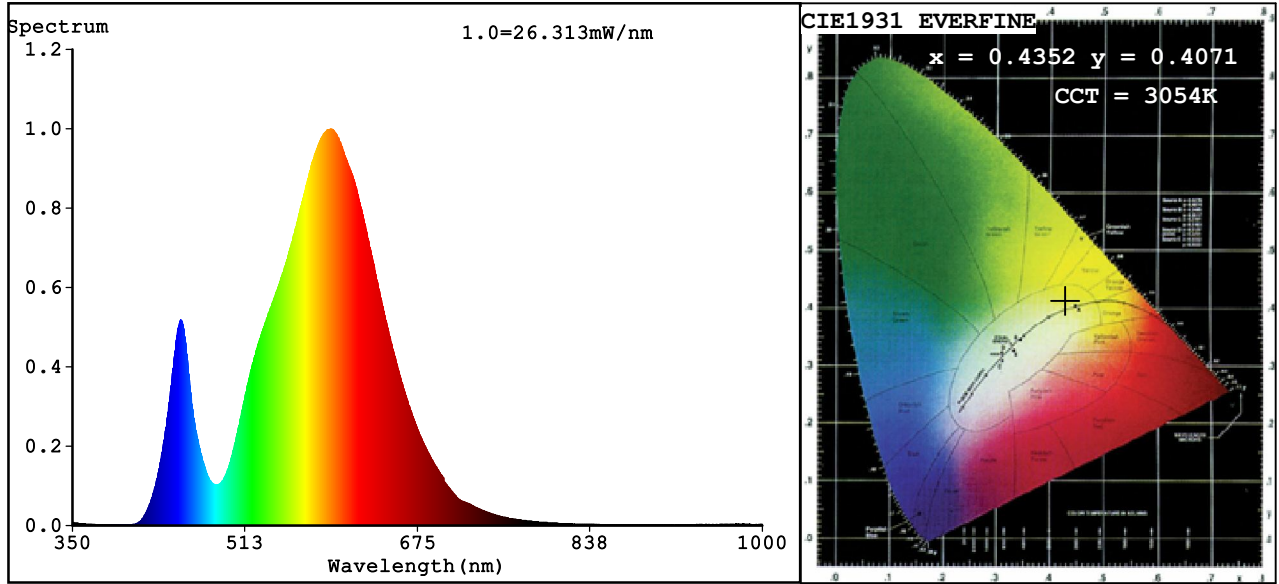
WHITE:ANSI_3000K

Status: Integral T = 36 ms Ip = 49853 (76%)

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

Number:99XLED635
Date:2018-03-14 12:55
Humidity:65.0%
Remarks:017V060A_4392

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4352$ $y=0.4071$ / $u'=0.2481$ $v'=0.5223$
 CCT=3054K (Duv=0.0015) Dominant WL:Ld =582.1nm Purity=52.8%
 Ratio:R=20.7% G=77.6% B=1.8%;; Peak WL:Lp=592.8nm FWHM=116.7nm
 Render Index:Ra=71.3
 R1 =67 R2 =81 R3 =93 R4 =67 R5 =66 R6 =73 R7 =79
 R8 =44 R9 =0 R10=56 R11=60 R12=45 R13=70 R14=96 R15=60

Photo Parameters:

Flux = 1279 lm Eff. : 69.77 lm/W Fe = 3.638 W

Electrical parameters:

V = 239.96 V I = 0.1547 A P = 18.34 W PF = 0.4941

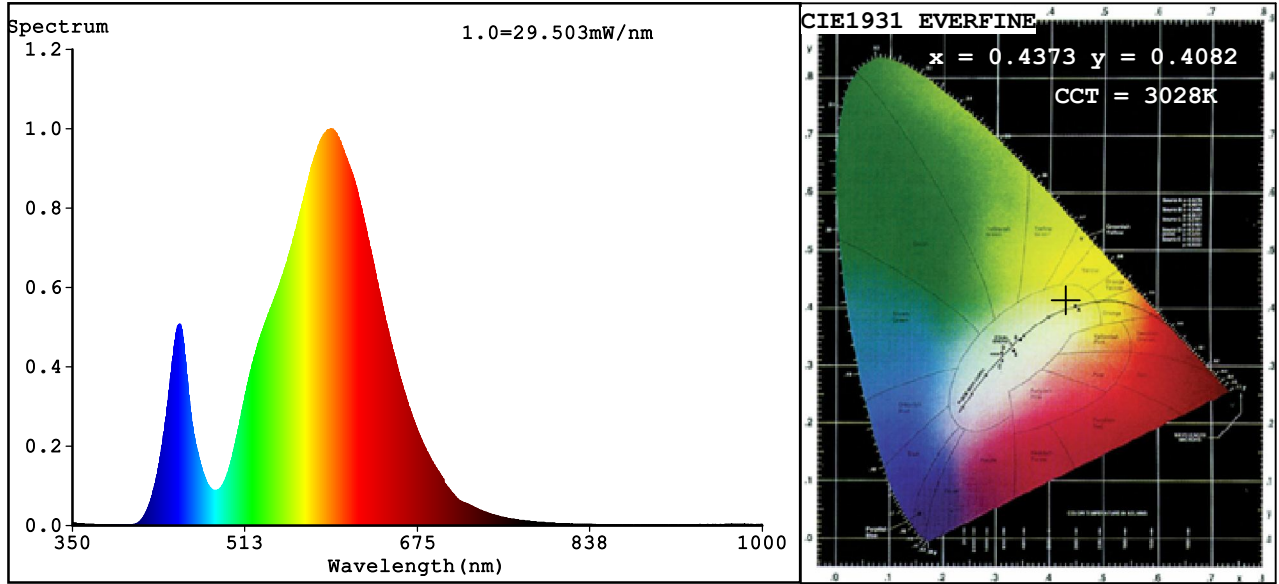
WHITE:ANSI_3000K

Status: Integral T = 36 ms Ip = 48118 (73%)

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

Number:99XLED635
 Date:2018-03-14 12:59
 Humidity:65.0%
 Remarks:017V060A_4392

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4373$ $y=0.4082$ $u'=0.2490$ $v'=0.5230$

CCT=3028K(Duv=0.0016) Dominant WL:Ld =582.2nm Purity=53.8%

Ratio:R=20.8% G=77.6% B=1.6%;;Peak WL:Lp=592.8nm FWHM=116.5nm

Render Index:Ra=71.0

R1 =67 R2 =81 R3 =92 R4 =67 R5 =66 R6 =73 R7 =79

R8 =44 R9 =0 R10=55 R11=61 R12=44 R13=69 R14=96 R15=60

Photo Parameters:

Flux = 1429 lm Eff. : 75.92 lm/W Fe = 4.045 W

Electrical parameters:

V = 239.97 V I = 0.1576 A P = 18.82 W PF = 0.4975

WHITE:ANSI_3000K

Status: Integral T = 36 ms Ip = 53884 (82%)

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

Number:99XLED635
Date:2018-03-14 13:00
Humidity:65.0%
Remarks:017V060A_4392