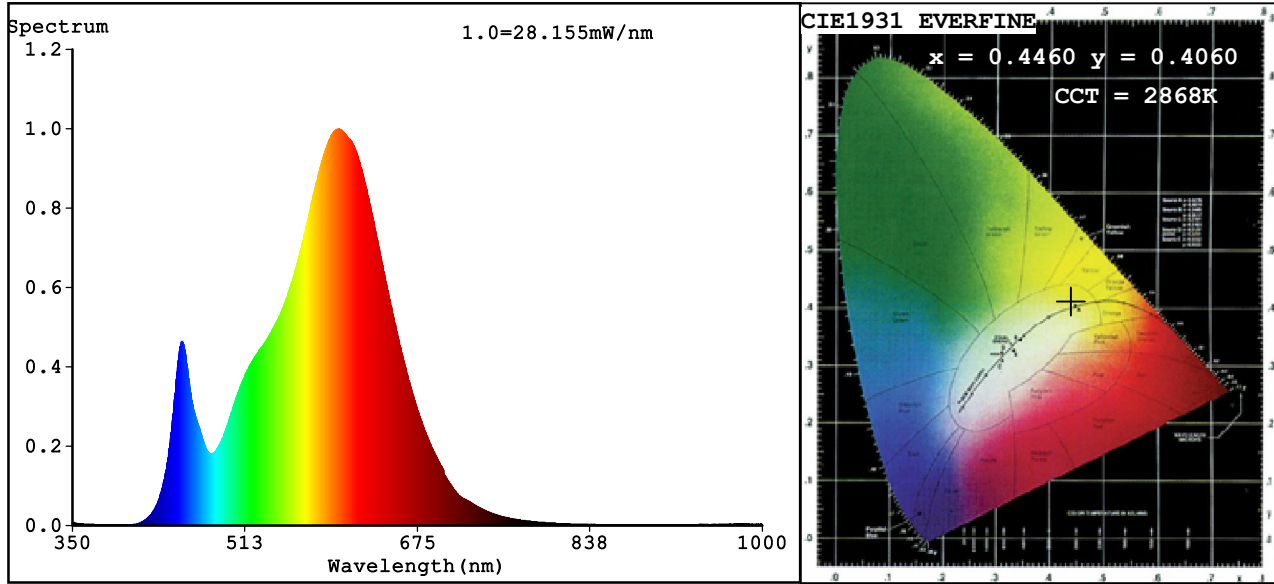


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4460$ $y=0.4060$ $u'=0.2556$ $v'=0.5235$
 CCT=2868K(Duv=-0.0004) Dominant WL:Ld =583.5nm Purity=55.7%
 Ratio:R=23.5% G=74.0% B=2.5%;;Peak WL:Lp=601.4nm FWHM=115.0nm
 Render Index:Ra=80.5
 R1 =79 R2 =91 R3 =94 R4 =77 R5 =79 R6 =90 R7 =80
 R8 =54 R9 =0 R10=80 R11=77 R12=72 R13=82 R14=98 R15=71

Photo Parameters:

Flux = 1323 lm Eff. : 71.54 lm/W Fe = 3.988 W

Electrical parameters:

V = 230.00 V I = 0.1543 A P = 18.49 W PF = 0.5209

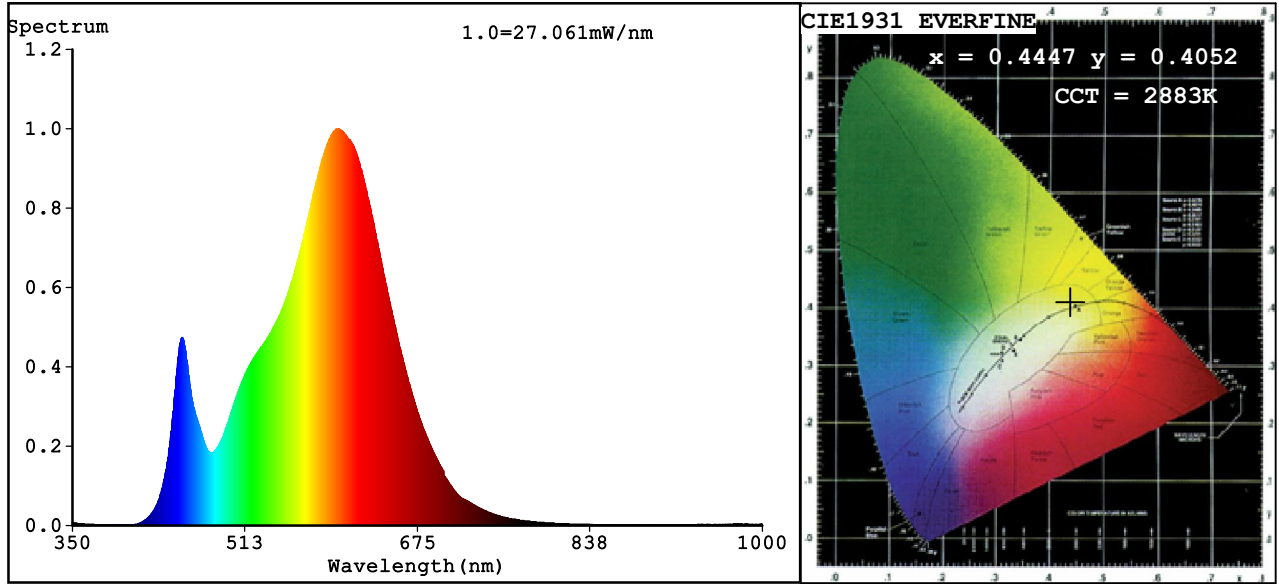
WHITE:ANSI_2700K

Status: Integral T = 24 ms Ip = 42633 (65%)

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

Number:99LED968WW
 Date:2018-08-17 14:44
 Humidity:65.0%
 Remarks:O18V019A_4809

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4447$ $y=0.4052$ $u'=0.2551$ $v'=0.5230$
 CCT=2883K(Duv=-0.0005) Dominant WL:Ld =583.5nm Purity=55.1%
 Ratio:R=23.4% G=74.1% B=2.5%;;Peak WL:Lp=601.4nm FWHM=115.0nm
 Render Index:Ra=80.5
 R1 =79 R2 =91 R3 =94 R4 =77 R5 =79 R6 =90 R7 =80
 R8 =54 R9 =0 R10=80 R11=76 R12=72 R13=82 R14=97 R15=71

Photo Parameters:

Flux = 1273 lm Eff. : 70.90 lm/W Fe = 3.832 W

Electrical parameters:

V = 229.99 V I = 0.1513 A P = 17.96 W PF = 0.5160

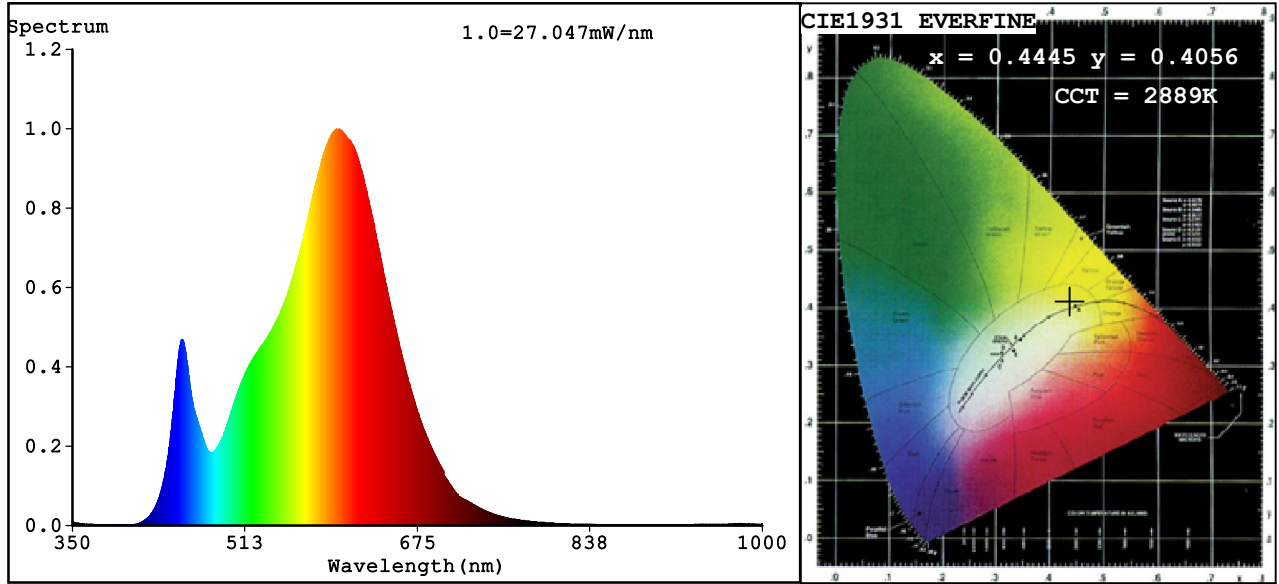
WHITE:ANSI_3000K

Status: Integral T = 24 ms Ip = 40953 (62%)

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

Number:99LED968WW
 Date:2018-08-17 14:47
 Humidity:65.0%
 Remarks:018V019A_4809

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4445$ $y=0.4056$ $u'=0.2548$ $v'=0.5231$
 CCT=2889K(Duv=-0.0004) Dominant WL:Ld =583.4nm Purity=55.2%
 Ratio:R=23.4% G=74.2% B=2.5%;;Peak WL:Lp=601.4nm FWHM=115.4nm
 Render Index:Ra=80.5
 R1 =79 R2 =91 R3 =94 R4 =77 R5 =79 R6 =89 R7 =80
 R8 =54 R9 =0 R10=80 R11=76 R12=71 R13=82 R14=98 R15=70

Photo Parameters:

Flux = 1275 lm Eff. : 69.95 lm/W Fe = 3.835 W

Electrical parameters:

V = 229.98 V I = 0.1522 A P = 18.22 W PF = 0.5206

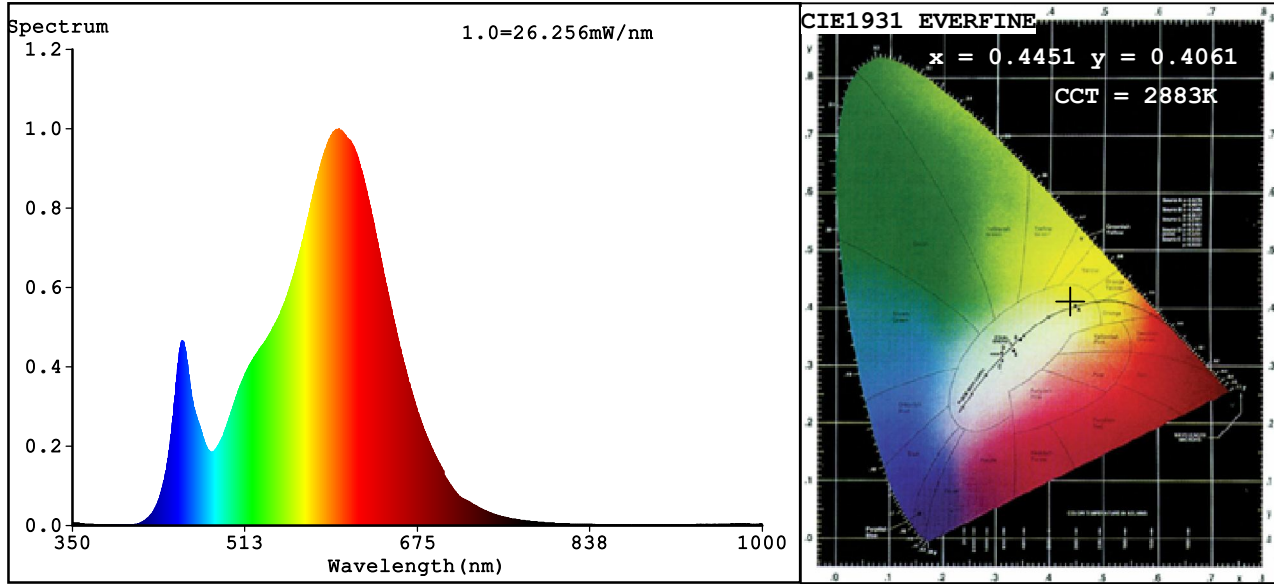
WHITE:ANSI_3000K

Status: Integral T = 24 ms Ip = 40889 (62%)

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

Number:99LED968WW
 Date:2018-08-17 14:49
 Humidity:65.0%
 Remarks:O18V019A_4809

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4451$ $y=0.4061$ $u'=0.2550$ $v'=0.5234$

CCT=2883K(Duv=-0.0002) Dominant WL:Ld =583.4nm Purity=55.5%

Ratio:R=23.4% G=74.1% B=2.5%;;Peak WL:Lp=601.4nm FWHM=115.2nm

Render Index:Ra=80.5

R1 =79	R2 =91	R3 =94	R4 =77	R5 =79	R6 =90	R7 =80	
R8 =54	R9 =0	R10=80	R11=76	R12=72	R13=82	R14=97	R15=71

Photo Parameters:

Flux = 1236 lm Eff. : 68.19 lm/W Fe = 3.716 W

Electrical parameters:

V = 229.99 V I = 0.1523 A P = 18.12 W PF = 0.5174

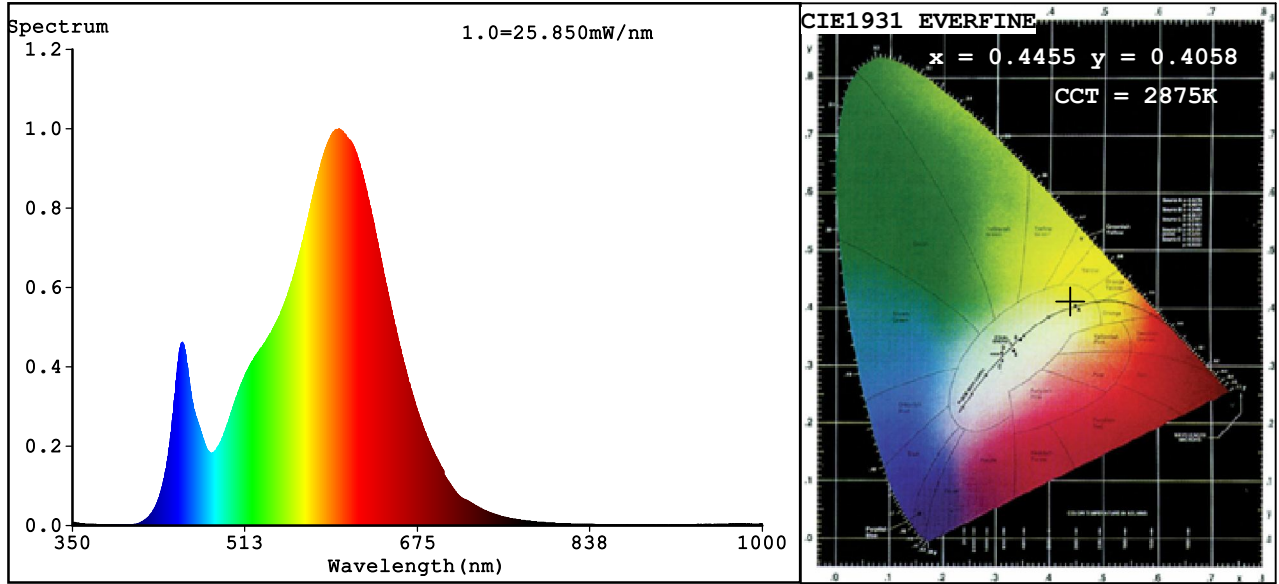
WHITE:ANSI_3000K

Status: Integral T = 24 ms Ip = 39688 (61%)

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

Number:99LED968WW
Date:2018-08-17 14:51
Humidity:65.0%
Remarks:018V019A_4809

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4455$ $y=0.4058$ $u'=0.2553$ $v'=0.5234$
 CCT=2875K(Duv=-0.0004) Dominant WL:Ld =583.5nm Purity=55.5%
 Ratio:R=23.4% G=74.1% B=2.5%;;Peak WL:Lp=601.4nm FWHM=114.6nm
 Render Index:Ra=80.4
 R1 =79 R2 =91 R3 =94 R4 =77 R5 =79 R6 =89 R7 =80
 R8 =53 R9 =0 R10=80 R11=76 R12=72 R13=82 R14=97 R15=70

Photo Parameters:

Flux = 1214 lm Eff. : 66.01 lm/W Fe = 3.655 W

Electrical parameters:

V = 229.93 V I = 0.1550 A P = 18.39 W PF = 0.5161

WHITE:ANSI_3000K

Status: Integral T = 24 ms Ip = 39104 (60%)

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

Number:99LED968WW
 Date:2018-08-17 14:53
 Humidity:65.0%
 Remarks:O18V019A_4809