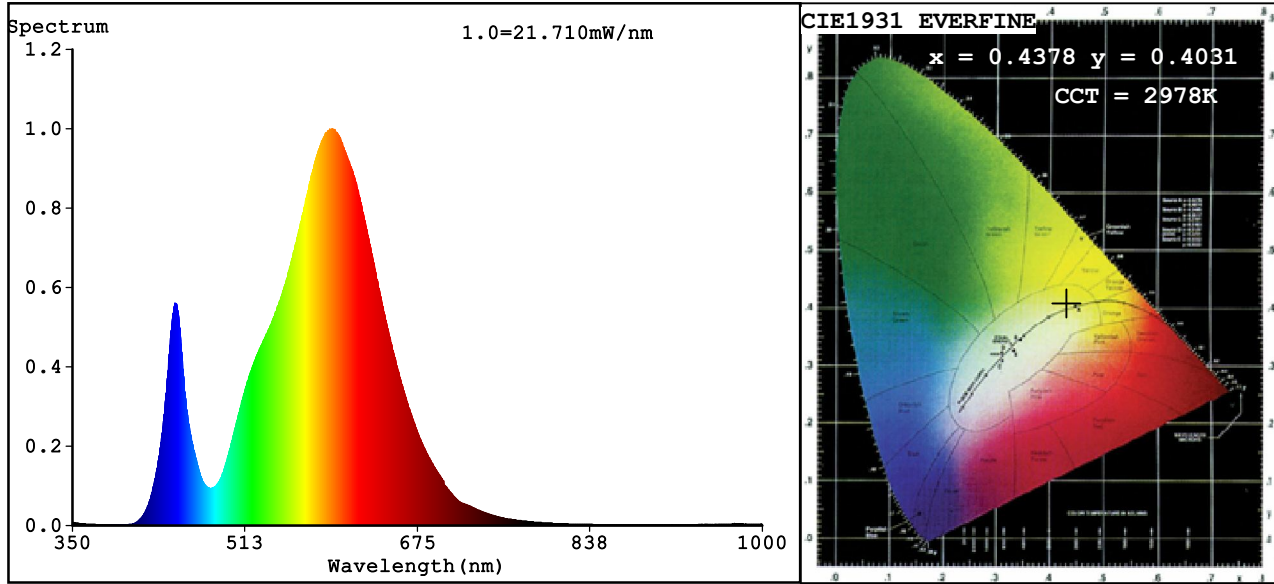


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4378$ $y=0.4031/u'=0.2515$ $v'=0.5211$

CCT=2978K(Duv=-0.0005) Dominant WL:Ld =583.1nm Purity=52.4%

Ratio:R=21.4% G=76.8% B=1.7%;;Peak WL:Lp=595.1nm FWHM=111.0nm

Render Index:Ra=72.4

R1 =69 R2 =82 R3 =94 R4 =69 R5 =68 R6 =76 R7 =77

R8 =44 R9 =0 R10=60 R11=64 R12=53 R13=71 R14=97 R15=61

Photo Parameters:

Flux = 1029 lm Eff. : 80.01 lm/W Fe = 2.955 W

Electrical parameters:

V = 239.97 V I = 0.1089 A P = 12.86 W PF = 0.4921

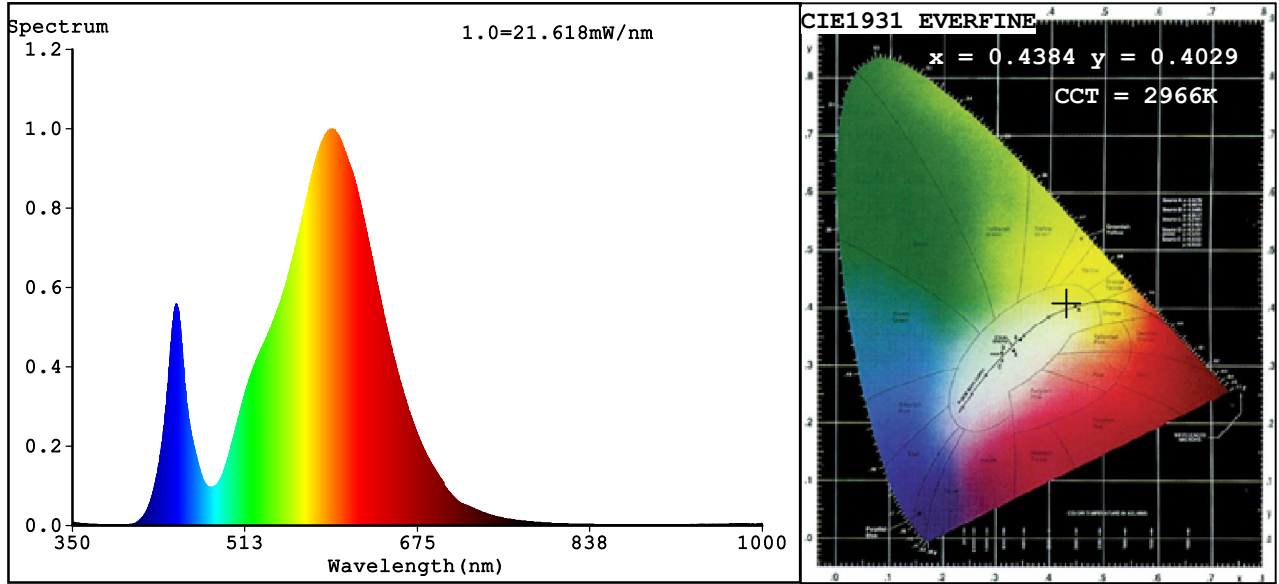
WHITE:ANSI_3000K

Status: Integral T = 40 ms Ip = 44713 (68%)

Model:LED PANELS ROUND/12W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED612
Date:2017-06-05 13:09
Humidity:65.0%
Remarks:016V053A_3483

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4384$ $y=0.4029$ $u'=0.2520$ $v'=0.5212$
 CCT=2966K(Duv=-0.0007) Dominant WL:Ld =583.2nm Purity=52.5%
 Ratio:R=21.5% G=76.8% B=1.8%;;Peak WL:Lp=595.1nm FWHM=108.8nm
 Render Index:Ra=72.1
 R1 =68 R2 =82 R3 =94 R4 =68 R5 =68 R6 =76 R7 =77
 R8 =43 R9 =0 R10=60 R11=63 R12=52 R13=71 R14=97 R15=60

Photo Parameters:

Flux = 1017 lm Eff. : 81.09 lm/W Fe = 2.913 W

Electrical parameters:

V = 239.99 V I = 0.1062 A P = 12.54 W PF = 0.4920

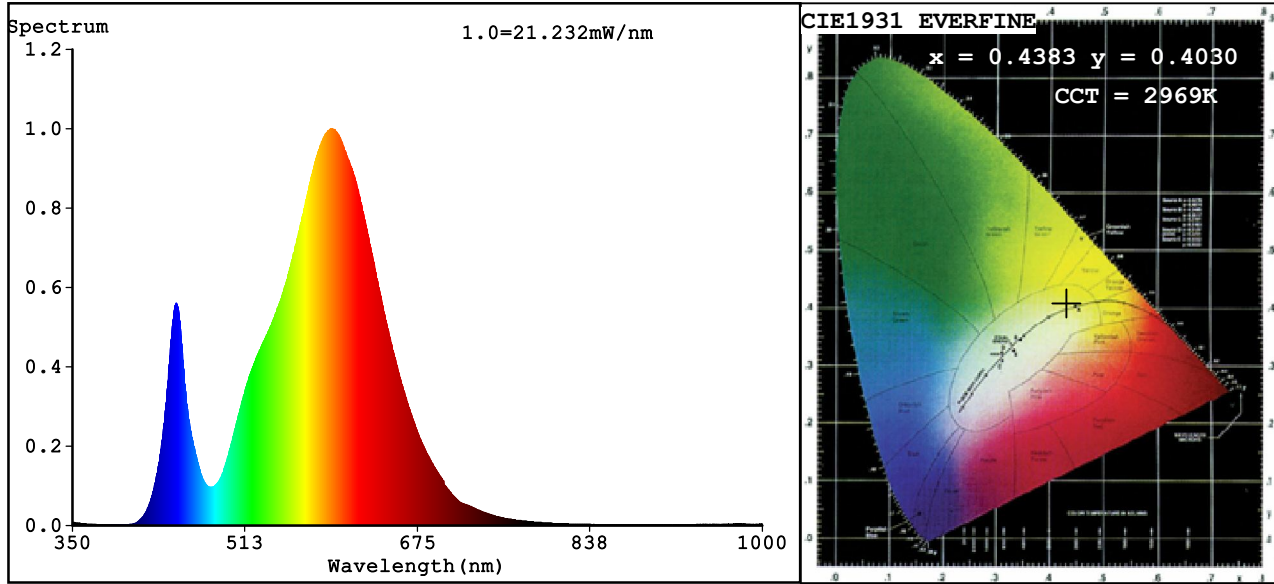
WHITE:ANSI_3000K

Status: Integral T = 40 ms Ip = 44478 (68%)

Model:LED PANELS ROUND/12W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED612
 Date:2017-06-05 15:33
 Humidity:65.0%
 Remarks:016V053A_3483

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4383$ $y=0.4030$ $u'=0.2519$ $v'=0.5212$

CCT=2969K(Duv=-0.0006) Dominant WL:Ld =583.2nm Purity=52.5%

Ratio:R=21.5% G=76.7% B=1.8%;;Peak WL:Lp=595.1nm FWHM=110.4nm

Render Index:Ra=72.5

R1 =69 R2 =83 R3 =94 R4 =69 R5 =68 R6 =76 R7 =77

R8 =44 R9 =0 R10=61 R11=64 R12=53 R13=71 R14=97 R15=61

Photo Parameters:

Flux = 1004 lm Eff. : 82.92 lm/W Fe = 2.883 W

Electrical parameters:

V = 240.01 V I = 0.1032 A P = 12.10 W PF = 0.4885

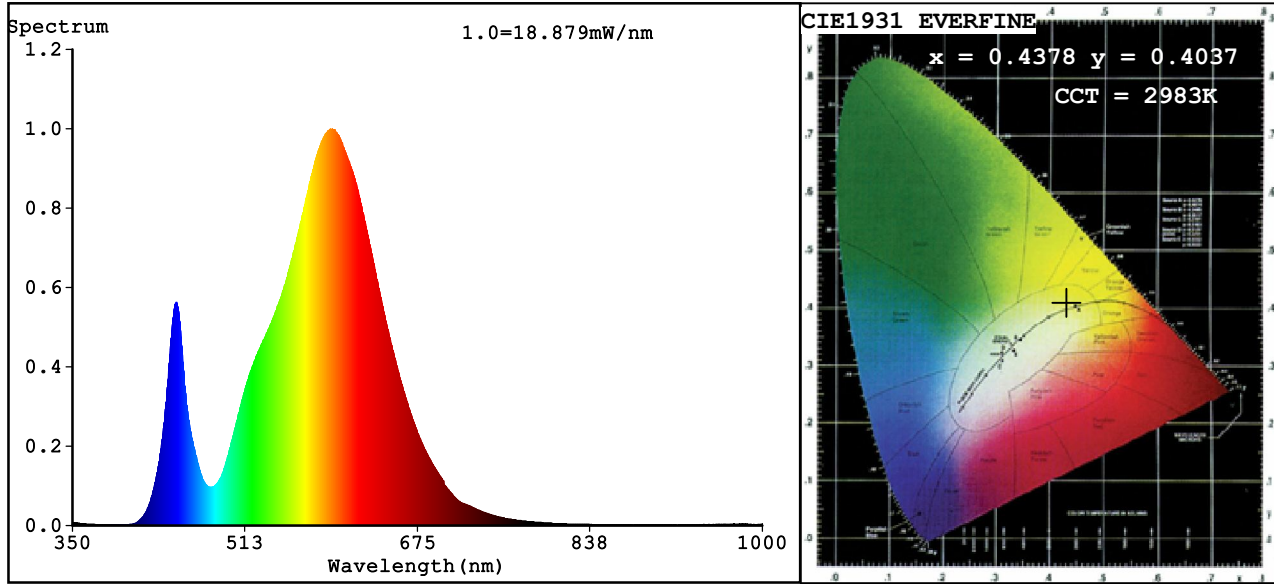
WHITE:ANSI_3000K

Status: Integral T = 40 ms Ip = 43710 (67%)

Model:LED PANELS ROUND/12W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED612
Date:2017-06-05 15:35
Humidity:65.0%
Remarks:016V053A_3483

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4378$ $y=0.4037$ / $u'=0.2513$ $v'=0.5214$
 CCT=2983K (Duv=-0.0003) Dominant WL:Ld =583.0nm Purity=52.6%
 Ratio:R=21.4% G=76.9% B=1.8%;; Peak WL:Lp=595.1nm FWHM=111.0nm
 Render Index:Ra=72.5
 R1 =69 R2 =82 R3 =94 R4 =69 R5 =68 R6 =76 R7 =77
 R8 =44 R9 =0 R10=60 R11=64 R12=52 R13=71 R14=97 R15=61

Photo Parameters:

Flux = 895.2 lm Eff. : 73.15 lm/W Fe = 2.567 W

Electrical parameters:

V = 239.99 V I = 0.1047 A P = 12.24 W PF = 0.4870

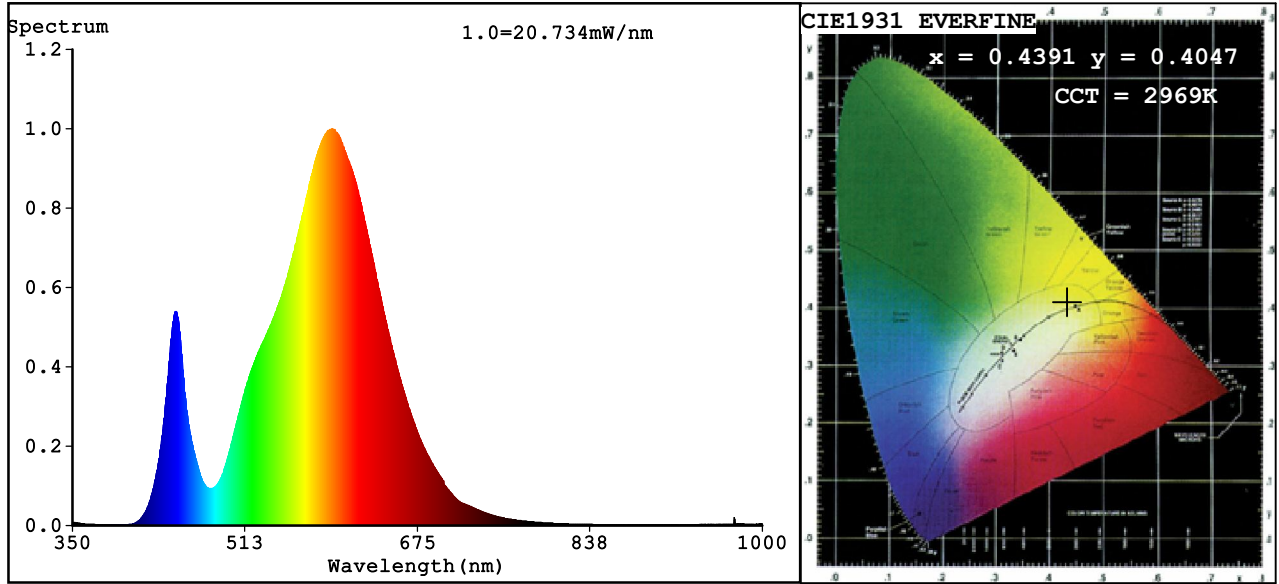
WHITE:ANSI_3000K

Status: Integral T = 40 ms Ip = 38868 (59%)

Model:LED PANELS ROUND/12W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED612
 Date:2017-06-05 15:37
 Humidity:65.0%
 Remarks:016V053A_3483

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4391$ $y=0.4047$ / $u'=0.2517$ $v'=0.5219$
 CCT=2969K (Duv=-0.0001) Dominant WL:Ld =583.0nm Purity=53.2%
 Ratio:R=21.4% G=76.8% B=1.7%;; Peak WL:Lp=595.1nm FWHM=110.7nm
 Render Index:Ra=72.3
 R1 =68 R2 =82 R3 =94 R4 =68 R5 =68 R6 =76 R7 =77
 R8 =44 R9 =0 R10=60 R11=64 R12=52 R13=71 R14=97 R15=61

Photo Parameters:

Flux = 981.5 lm Eff. : 79.74 lm/W Fe = 2.812 W

Electrical parameters:

V = 239.98 V I = 0.1058 A P = 12.31 W PF = 0.4850

WHITE:ANSI_3000K

Status: Integral T = 40 ms Ip = 42671 (65%)

Model:LED PANELS ROUND/12W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED612
 Date:2017-06-05 15:40
 Humidity:65.0%
 Remarks:016V053A_3483