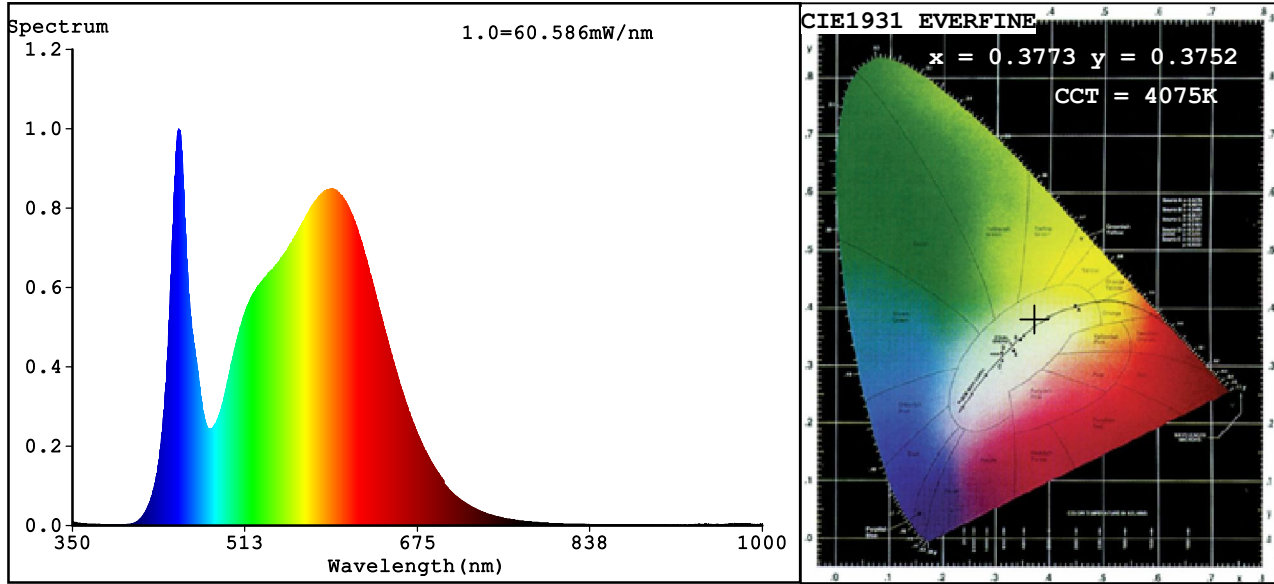


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3773$   $y=0.3752$   $u'=0.2237$   $v'=0.5004$

CCT=4075K(Duv=0.0002) Dominant WL:Ld =578.7nm Purity=25.8%

Ratio:R=18.1% G=78.3% B=3.6%;;Peak WL:Lp=449.9nm FWHM=21.4nm

Render Index:Ra=83.3

R1 =82      R2 =89      R3 =94      R4 =83      R5 =82      R6 =85      R7 =87

R8 =66      R9 =10      R10=74      R11=82      R12=62      R13=84      R14=97      R15=76

**Photo Parameters:**

Flux = 2992 lm    Eff. : 85.69 lm/W    Fe = 9.150 W

**Electrical parameters:**

V = 229.95 V      I = 0.1588 A      P = 34.91 W PF = 0.9559

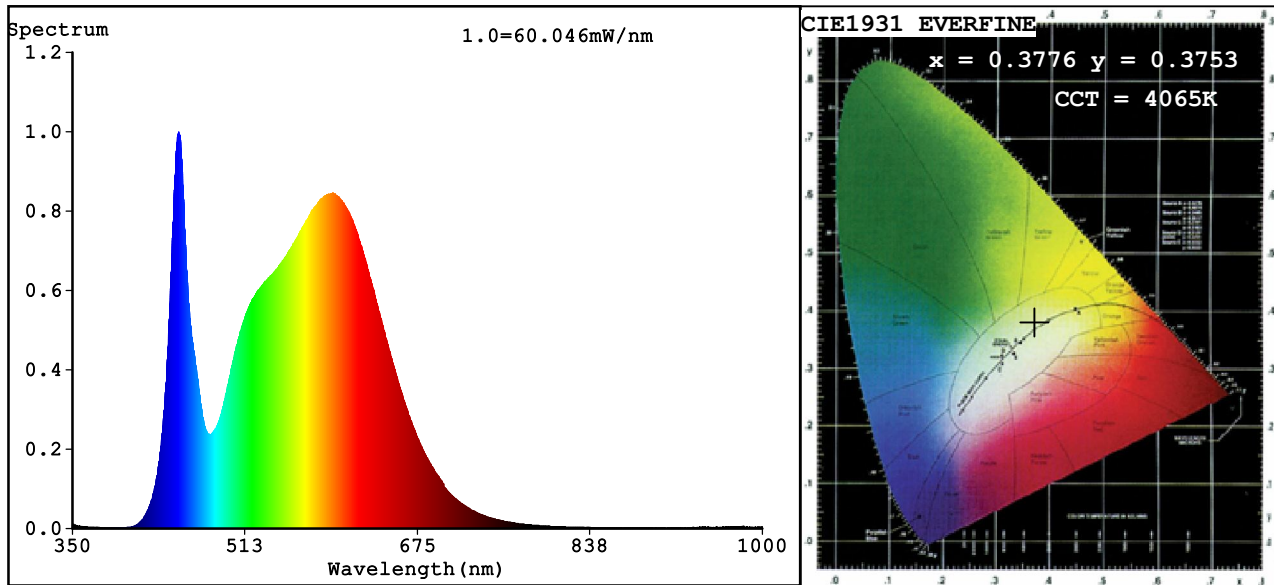
WHITE:ANSI\_4000K

Status: Integral T = 19 ms    Ip = 50188 (77%)

Model:FDL SMD/35W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:92FLD3540/WH  
Date:2018-02-12 12:54  
Humidity:65.0%  
Remarks: VSHQ20170810\_4249

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3776$   $y=0.3753$   $u'=0.2239$   $v'=0.5005$

CCT=4065K(Duv=0.0001) Dominant WL:Ld =578.7nm Purity=25.9%

Ratio:R=18.1% G=78.3% B=3.6%;;Peak WL:Lp=449.9nm FWHM=21.0nm

Render Index:Ra=83.2

R1 =82      R2 =89      R3 =94      R4 =83      R5 =82      R6 =84      R7 =86

R8 =66      R9 =10      R10=74      R11=82      R12=62      R13=83      R14=97      R15=76

**Photo Parameters:**

Flux = 2947 lm    Eff. : 84.59 lm/W    Fe = 9.015 W

**Electrical parameters:**

V = 229.99 V      I = 0.1582 A      P = 34.84 W PF = 0.9574

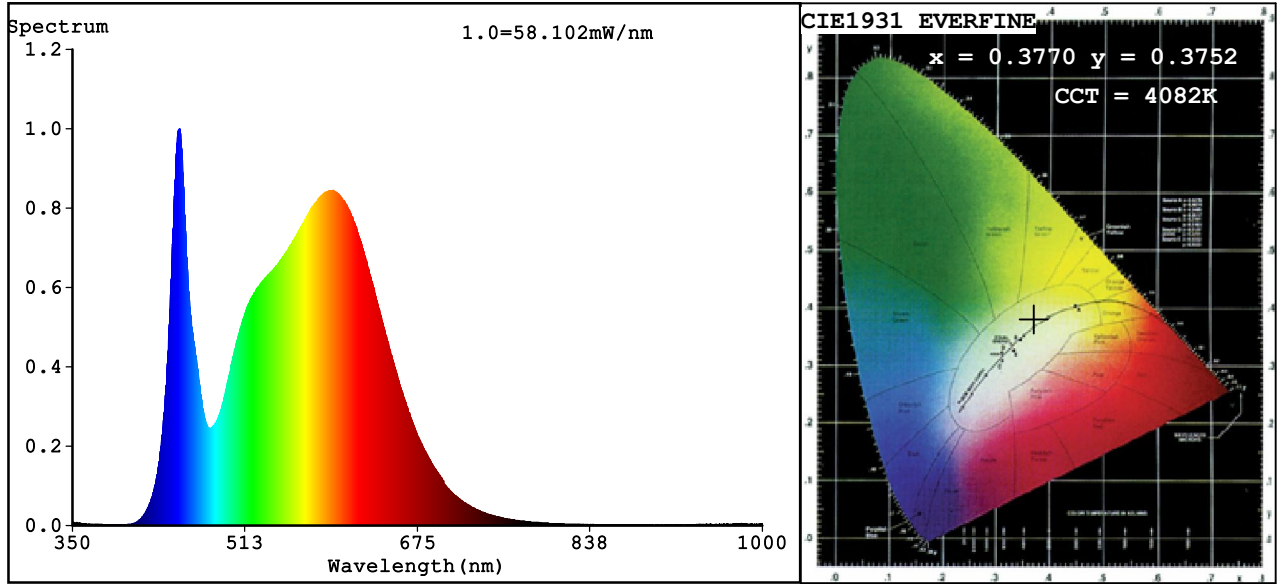
WHITE:ANSI\_4000K

Status: Integral T = 19 ms    Ip = 49631 (76%)

Model:FDL SMD/35W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:92FLD3540/WH  
Date:2018-02-12 12:57  
Humidity:65.0%  
Remarks: VSHQ20170810\_4249

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3770$   $y=0.3752$   $u'=0.2235$   $v'=0.5004$

CCT=4082K(Duv=0.0003) Dominant WL:Ld =578.6nm Purity=25.7%

Ratio:R=18.1% G=78.3% B=3.6%;;Peak WL:Lp=450.9nm FWHM=21.4nm

Render Index:Ra=83.3

R1 =82      R2 =89      R3 =94      R4 =83      R5 =82      R6 =85      R7 =87

R8 =66      R9 =10      R10=74      R11=82      R12=62      R13=84      R14=97      R15=76

**Photo Parameters:**

Flux = 2858 lm    Eff. : 81.79 lm/W    Fe = 8.742 W

**Electrical parameters:**

V = 229.97 V      I = 0.1588 A      P = 34.94 W PF = 0.9566

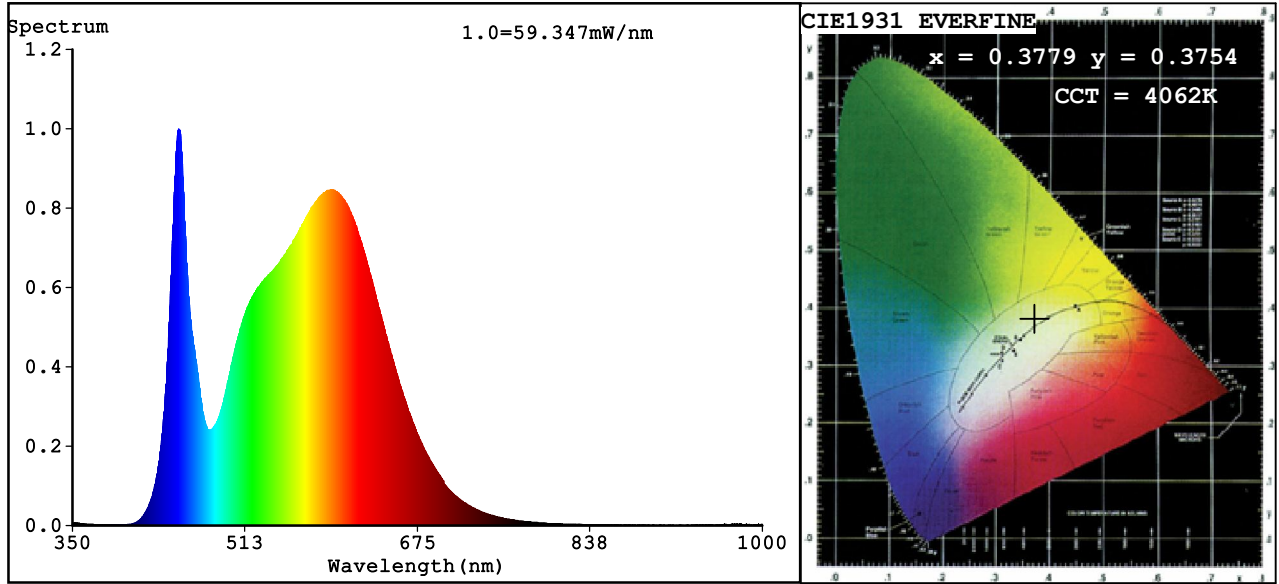
WHITE:ANSI\_4000K

Status: Integral T = 19 ms Ip = 48223 (74%)

Model:FDL SMD/35W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:92FLD3540/WH  
Date:2018-02-12 12:59  
Humidity:65.0%  
Remarks: VSHQ20170810\_4249

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3779$   $y=0.3754$  /  $u'=0.2239$   $v'=0.5006$   
 CCT=4062K (Duv=0.0001) Dominant WL:Ld =578.8nm Purity=26.1%  
 Ratio:R=18.2% G=78.2% B=3.6%; Peak WL:Lp=449.9nm FWHM=21.0nm  
 Render Index:Ra=83.3  
 R1 =82 R2 =89 R3 =94 R4 =83 R5 =82 R6 =85 R7 =87  
 R8 =66 R9 =11 R10=74 R11=82 R12=62 R13=84 R14=97 R15=76

**Photo Parameters:**

Flux = 2918 lm Eff. : 84.99 lm/W Fe = 8.915 W

**Electrical parameters:**

V = 229.90 V I = 0.1562 A P = 34.33 W PF = 0.9560

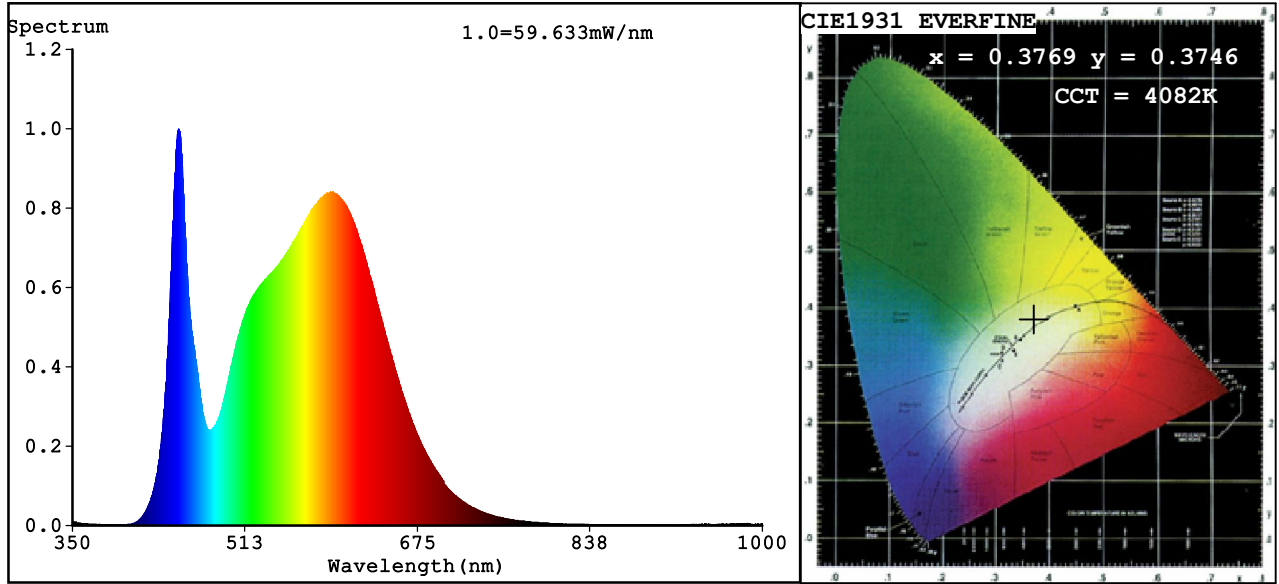
WHITE:ANSI\_4000K

Status: Integral T = 19 ms Ip = 49169 (75%)

Model:FDL SMD/35W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:92FLD3540/WH  
 Date:2018-02-12 13:02  
 Humidity:65.0%  
 Remarks: VSHQ20170810\_4249

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3769$   $y=0.3746$  /  $u'=0.2237$   $v'=0.5001$   
CCT=4082K (Duv=0.0000) Dominant WL:Ld =578.7nm Purity=25.5%  
Ratio:R=18.1% G=78.3% B=3.6%;; Peak WL:Lp=449.9nm FWHM=21.2nm  
Render Index:Ra=83.4  
R1 =82    R2 =89    R3 =94    R4 =83    R5 =82    R6 =85    R7 =87  
R8 =66    R9 =11    R10=74    R11=82    R12=62    R13=84    R14=97    R15=76

**Photo Parameters:**

Flux = 2915 lm    Eff. : 85.64 lm/W    Fe = 8.932 W

**Electrical parameters:**

V = 229.89 V    I = 0.1552 A    P = 34.04 W PF = 0.9542

WHITE:ANSI\_4000K

Status: Integral T = 19 ms Ip = 49408 (75%)

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Model:FDL SMD/35W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:92FLD3540/WH  
Date:2018-02-12 13:04  
Humidity:65.0%  
Remarks: VSHQ20170810\_4249