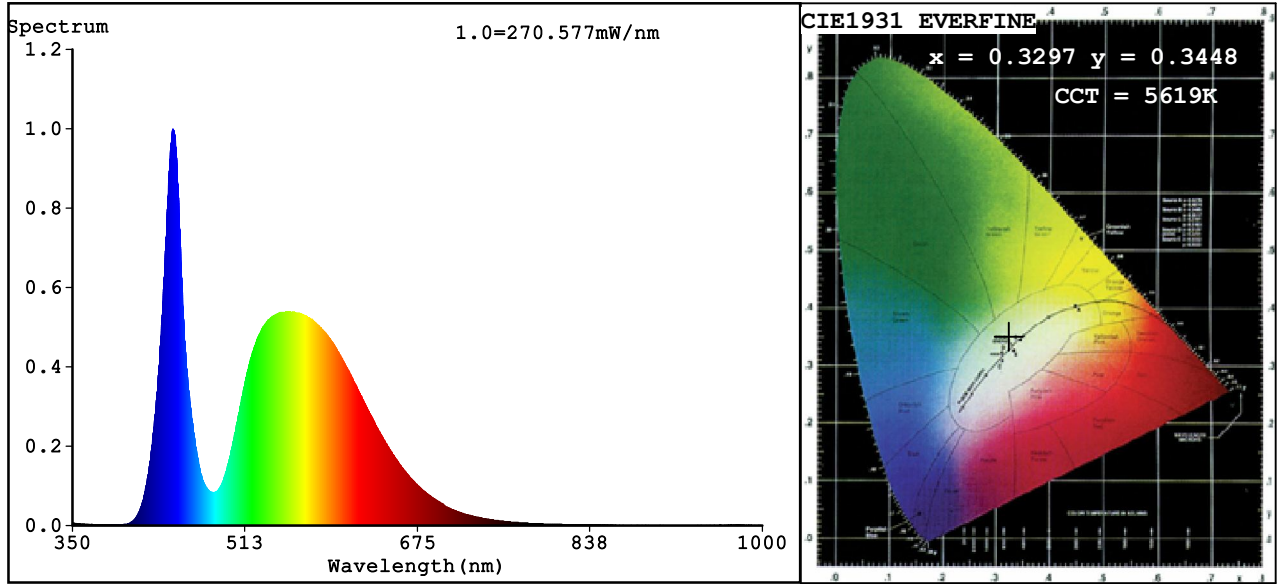


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3297$   $y=0.3448$   $u'=0.2036$   $v'=0.4790$

CCT=5619K(Duv=0.0031) Dominant WL:Ld =534.6nm Purity=2.5%

Ratio:R=13.2% G=83.8% B=3.0%;;Peak WL:Lp=444.5nm FWHM=21.2nm

Render Index:Ra=70.5

R1 =69	R2 =73	R3 =75	R4 =73	R5 =71	R6 =65	R7 =78	
R8 =60	R9 =0	R10=36	R11=71	R12=43	R13=69	R14=86	R15=64

**Photo Parameters:**

Flux = 8729 lm Eff. : 87.92 lm/W Fe = 26.69 W

**Electrical parameters:**

V = 229.68 V I = 0.4443 A P = 99.27 W PF = 0.9728

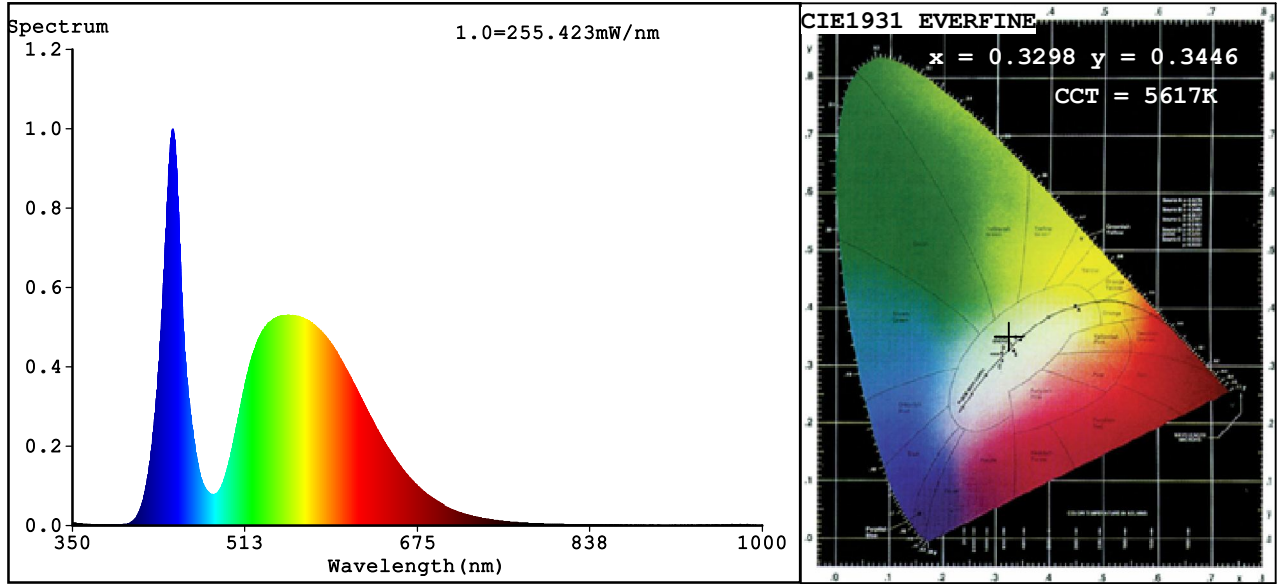
WHITE:ANSI\_5700K

Status: Integral T = 4 ms Ip = 46350 (71%)

Model:VEGASLIM/100W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:98VEGA100SLIM  
Date:2018-04-16 13:18  
Humidity:65.0%  
Remarks:017V060B\_4394

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3298$   $y=0.3446$   $u'=0.2037$   $v'=0.4789$

CCT=5617K (Duv=0.0030) Dominant WL:Ld =534.9nm Purity=2.5%

Ratio:R=13.2% G=83.9% B=3.0%;;Peak WL:Lp=444.5nm FWHM=20.9nm

Render Index:Ra=70.2

R1 =69	R2 =73	R3 =75	R4 =72	R5 =71	R6 =64	R7 =78		
R8 =60	R9 =0	R10=35	R11=71	R12=42	R13=68	R14=86	R15=64	

**Photo Parameters:**

Flux = 8103 lm Eff. : 81.69 lm/W Fe = 24.81 W

**Electrical parameters:**

V = 229.72 V I = 0.4439 A P = 99.20 W PF = 0.9728

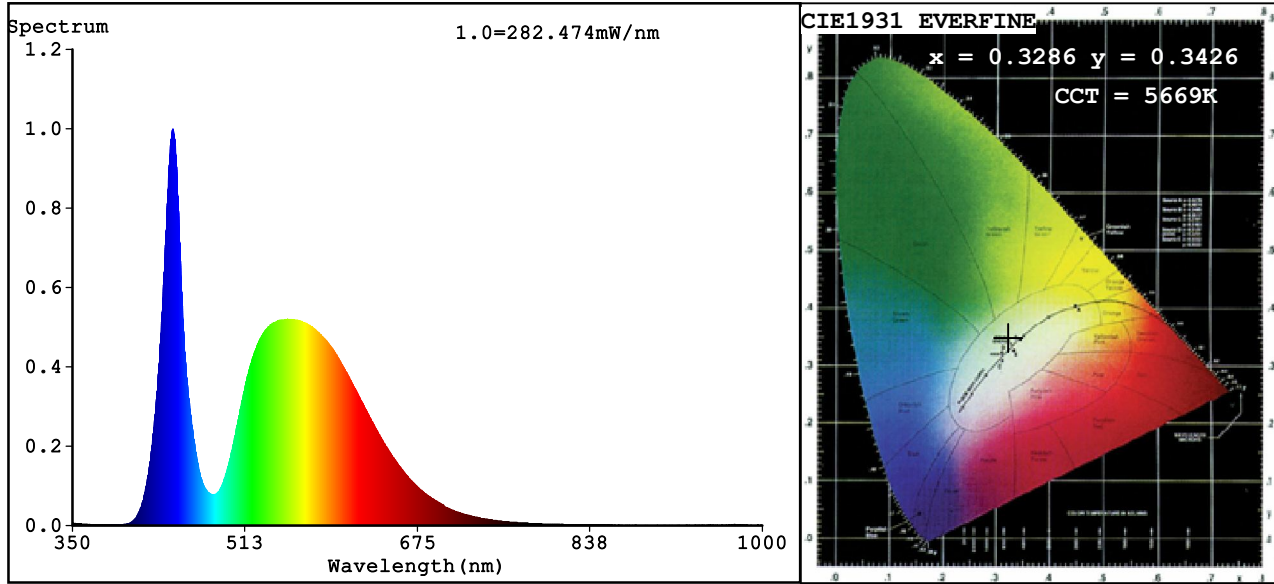
WHITE:ANSI\_5700K

Status: Integral T = 4 ms Ip = 43625 (67%)

Model:VEGASLIM/100W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:98VEGA100SLIM  
Date:2018-04-16 13:35  
Humidity:65.0%  
Remarks:017V060B\_4394

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3286$   $y=0.3426$   $u'=0.2037$   $v'=0.4778$

CCT=5669K(Duv=0.0025) Dominant WL:Ld =520.6nm Purity=1.9%

Ratio:R=13.1% G=83.9% B=3.0%;;Peak WL:Lp=444.5nm FWHM=20.8nm

Render Index:Ra=70.4

R1 =70 R2 =73 R3 =75 R4 =73 R5 =71 R6 =65 R7 =78

R8 =60 R9 =0 R10=36 R11=72 R12=43 R13=69 R14=86 R15=65

**Photo Parameters:**

Flux = 8794 lm Eff. : 89.00 lm/W Fe = 27.01 W

**Electrical parameters:**

V = 229.74 V I = 0.4420 A P = 98.82 W PF = 0.9732

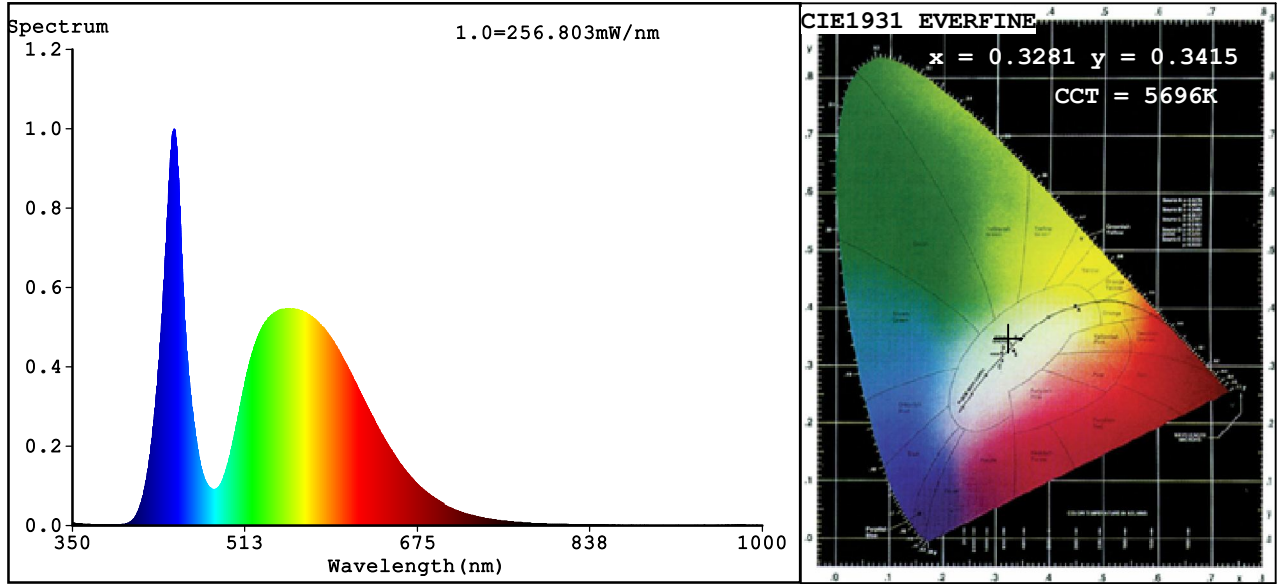
WHITE:ANSI\_5700K

Status: Integral T = 4 ms Ip = 48191 (74%)

Model:VEGASLIM/100W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:98VEGA100SLIM  
Date:2018-04-16 13:41  
Humidity:65.0%  
Remarks:017V060B\_4394

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3281$   $y=0.3415$   $u'=0.2037$   $v'=0.4771$   
 CCT=5696K(Duv=0.0022) Dominant WL:Ld =513.6nm Purity=1.7%  
 Ratio:R=13.2% G=83.7% B=3.1%;;Peak WL:Lp=445.9nm FWHM=22.4nm  
 Render Index:Ra=71.1  
 R1 =70 R2 =74 R3 =75 R4 =73 R5 =71 R6 =65 R7 =79  
 R8 =61 R9 =0 R10=37 R11=72 R12=43 R13=70 R14=86 R15=65

**Photo Parameters:**

Flux = 8397 lm Eff. : 86.11 lm/W Fe = 25.94 W

**Electrical parameters:**

V = 229.72 V I = 0.4371 A P = 97.52 W PF = 0.9711

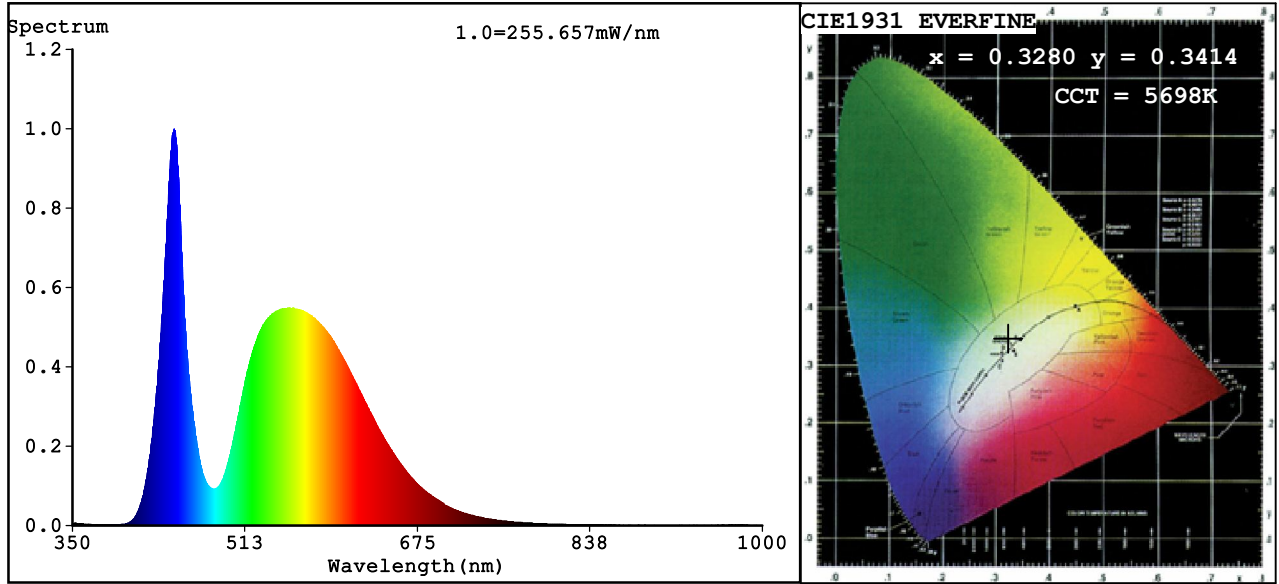
WHITE:ANSI\_5700K

Status: Integral T = 4 ms Ip = 44108 (67%)

Model:VEGASLIM/100W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:98VEGA100SLIM  
 Date:2018-04-16 13:46  
 Humidity:65.0%  
 Remarks:017V060B\_4394

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3280$   $y=0.3414$   $u'=0.2037$   $v'=0.4770$   
 CCT=5698K(Duv=0.0022) Dominant WL:Ld =513.1nm Purity=1.7%  
 Ratio:R=13.2% G=83.7% B=3.1%;;Peak WL:Lp=445.9nm FWHM=22.5nm  
 Render Index:Ra=71.1  
 R1 =70 R2 =74 R3 =75 R4 =73 R5 =71 R6 =65 R7 =79  
 R8 =61 R9 =0 R10=37 R11=72 R12=43 R13=70 R14=86 R15=65

**Photo Parameters:**

Flux = 8374 lm Eff. : 85.92 lm/W Fe = 25.87 W

**Electrical parameters:**

V = 229.73 V I = 0.4369 A P = 97.46 W PF = 0.9710

WHITE:ANSI\_5700K

Status: Integral T = 4 ms Ip = 43871 (67%)

Model:VEGASLIM/100W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:98VEGA100SLIM  
 Date:2018-04-16 13:47  
 Humidity:65.0%  
 Remarks:017V060B\_4394