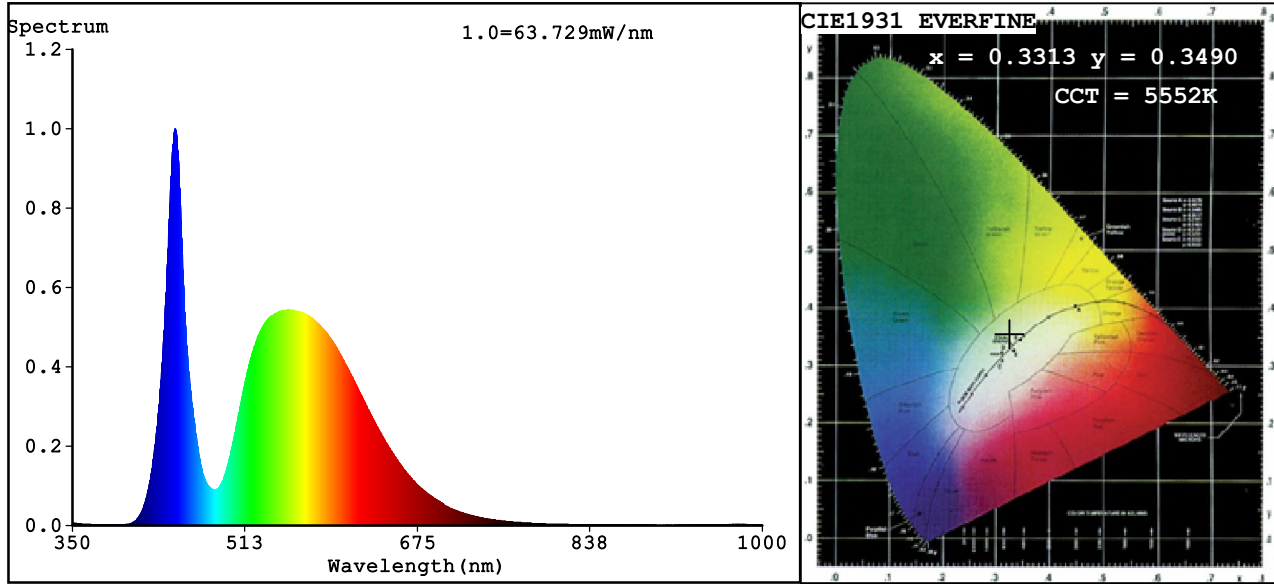


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3313$ $y=0.3490$ / $u'=0.2031$ $v'=0.4814$
 CCT=5552K (Duv=0.0045) Dominant WL:Ld =547.6nm Purity=4.2%
 Ratio:R=13.2% G=83.7% B=3.1%; Peak WL:Lp=446.6nm FWHM=20.0nm
 Render Index:Ra=71.0
 R1 =69 R2 =74 R3 =77 R4 =73 R5 =70 R6 =66 R7 =80
 R8 =59 R9 =0 R10=38 R11=70 R12=41 R13=69 R14=87 R15=64

Photo Parameters:

Flux = 2072 lm Eff. : 104.93 lm/W Fe = 6.274 W

Electrical parameters:

V = 229.80 V I = 0.1482 A P = 19.74 W PF = 0.5797

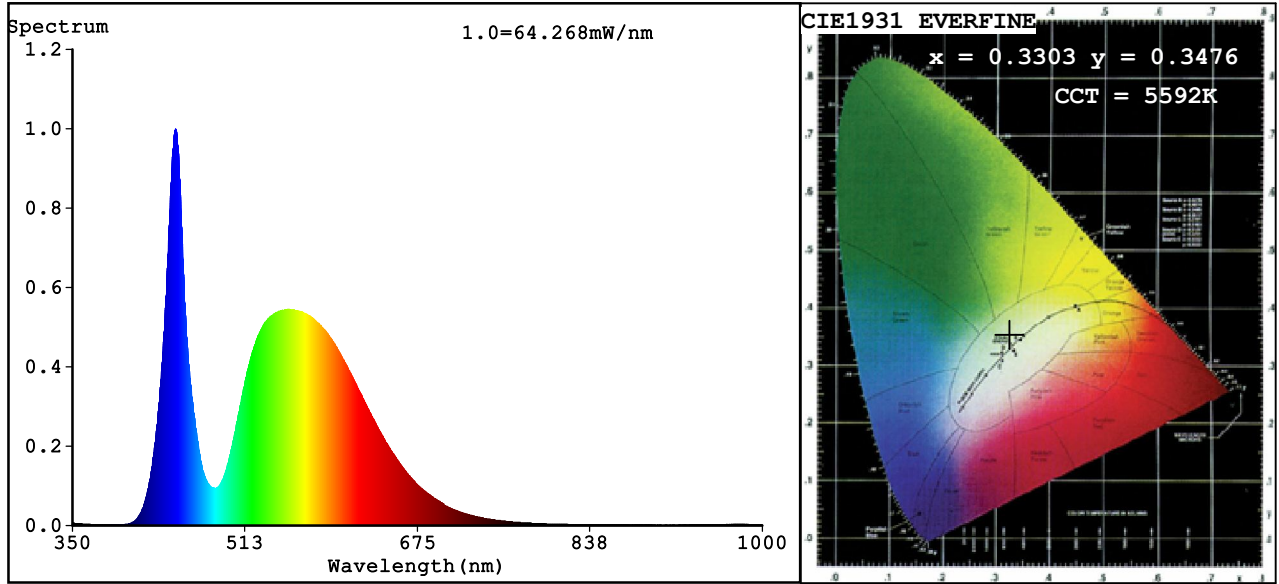
WHITE:ANSI_5700K

Status: Integral T = 18 ms Ip = 49431 (75%)

Model:VEGASENSLIM/20W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:98VEGA20SENSLIM
 Date:2018-04-16 09:20
 Humidity:65.0%
 Remarks:017V060B_4394

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3303$ $y=0.3476$ $u'=0.2030$ $v'=0.4805$
 CCT=5592K (Duv=0.0042) Dominant WL:Ld =542.3nm Purity=3.5%
 Ratio:R=13.1% G=83.7% B=3.2%;; Peak WL:Lp=447.2nm FWHM=20.4nm
 Render Index:Ra=71.3
 R1 =69 R2 =74 R3 =77 R4 =73 R5 =71 R6 =66 R7 =80
 R8 =60 R9 =0 R10=39 R11=71 R12=41 R13=69 R14=87 R15=64

Photo Parameters:

Flux = 2095 lm Eff. : 106.35 lm/W Fe = 6.369 W

Electrical parameters:

V = 229.77 V I = 0.1478 A P = 19.70 W PF = 0.5801

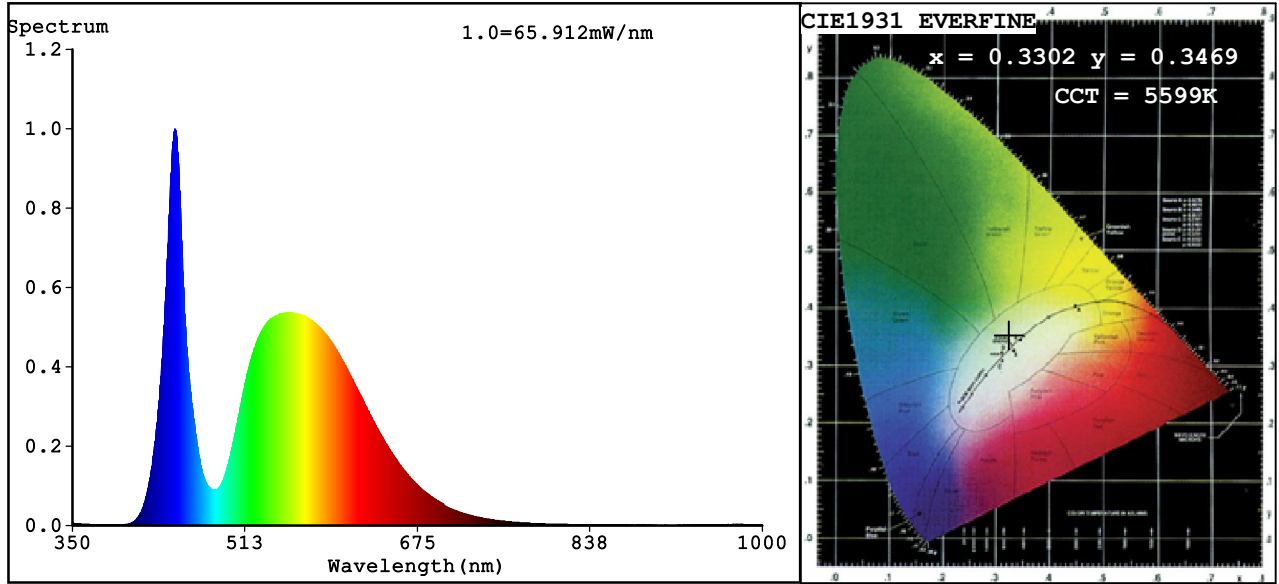
WHITE:ANSI_5700K

Status: Integral T = 18 ms Ip = 49855 (76%)

Model:VEGASENSLIM/20W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:98VEGA20SENSLIM
 Date:2018-04-16 09:25
 Humidity:65.0%
 Remarks:017V060B_4394

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3302$ $y=0.3469$ $u'=0.2031$ $v'=0.4801$

CCT=5599K(Duv=0.0040) Dominant WL:Ld =541.0nm Purity=3.3%

Ratio:R=13.1% G=83.7% B=3.1%;;Peak WL:Lp=446.6nm FWHM=20.2nm

Render Index:Ra=71.1

R1 =69 R2 =74 R3 =77 R4 =73 R5 =71 R6 =66 R7 =80

R8 =60 R9 =0 R10=38 R11=71 R12=41 R13=69 R14=87 R15=64

Photo Parameters:

Flux = 2118 lm Eff. : 106.16 lm/W Fe = 6.443 W

Electrical parameters:

V = 229.85 V I = 0.1494 A P = 19.95 W PF = 0.5808

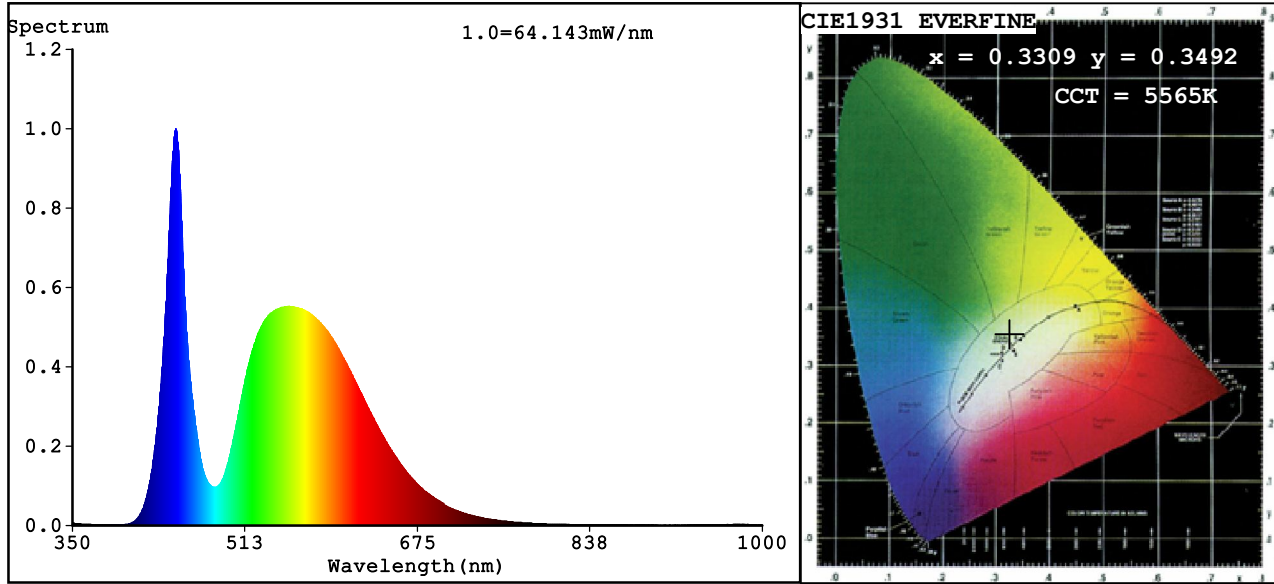
WHITE:ANSI_5700K

Status: Integral T = 18 ms Ip = 51019 (78%)

Model:VEGASENSLIM/20W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:98VEGA20SENSLIM
Date:2018-04-16 09:33
Humidity:65.0%
Remarks:017V060B_4394

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3309$ $y=0.3492/u'=0.2028$ $v'=0.4814$
CCT=5565K(Duv=0.0048) Dominant WL:Ld =546.4nm Purity=4.1%
Ratio:R=13.1% G=83.7% B=3.2%;;Peak WL:Lp=447.5nm FWHM=20.4nm
Render Index:Ra=71.2
R1 =69 R2 =75 R3 =78 R4 =73 R5 =70 R6 =66 R7 =80
R8 =59 R9 =0 R10=39 R11=70 R12=41 R13=69 R14=87 R15=64

Photo Parameters:

Flux = 2119 lm Eff. : 107.74 lm/W Fe = 6.417 W

Electrical parameters:

V = 229.82 V I = 0.1484 A P = 19.66 W PF = 0.5767

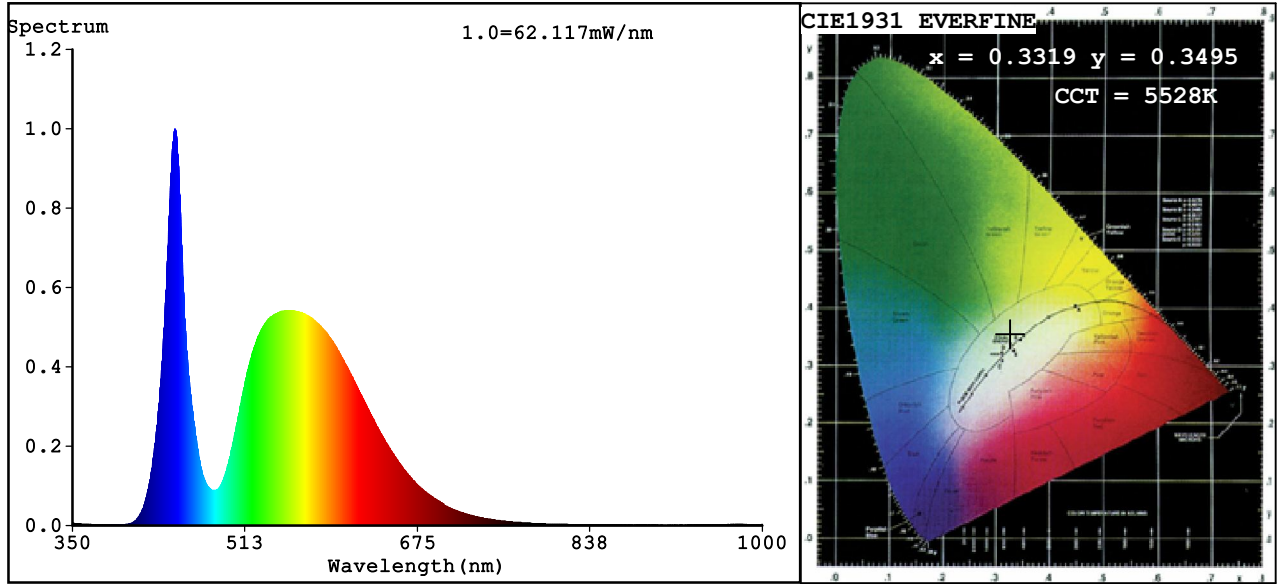
WHITE:ANSI_5700K

Status: Integral T = 18 ms Ip = 49839 (76%)

Model:VEGASENSLIM/20W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:98VEGA20SENSLIM
Date:2018-04-16 09:43
Humidity:65.0%
Remarks:017V060B_4394

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3319$ $y=0.3495$ $u'=0.2033$ $v'=0.4817$
 CCT=5528K(Duv=0.0045) Dominant WL:Ld =549.8nm Purity=4.5%
 Ratio:R=13.2% G=83.7% B=3.1%;;Peak WL:Lp=446.6nm FWHM=19.8nm
 Render Index:Ra=70.9
 R1 =69 R2 =74 R3 =77 R4 =73 R5 =70 R6 =65 R7 =80
 R8 =59 R9 =0 R10=38 R11=70 R12=41 R13=69 R14=87 R15=64

Photo Parameters:

Flux = 2015 lm Eff. : 103.27 lm/W Fe = 6.099 W

Electrical parameters:

V = 229.81 V I = 0.1463 A P = 19.51 W PF = 0.5804

WHITE:ANSI_5700K

Status: Integral T = 18 ms Ip = 48075 (73%)

Model:VEGASENSLIM/20W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:98VEGA20SENSLIM
 Date:2018-04-16 09:47
 Humidity:65.0%
 Remarks:017V060B_4394