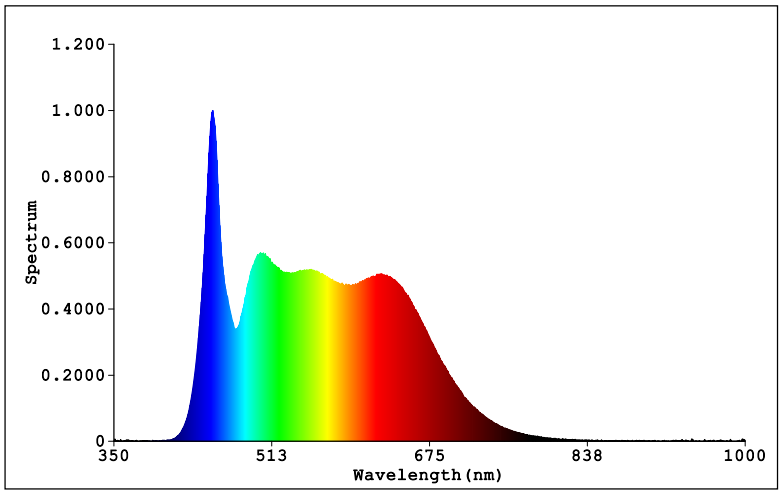
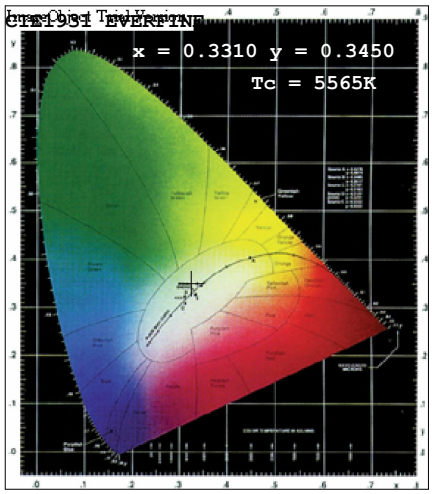
Spectrum Test Report





Color Parameters:

Chromaticity Coordinate(2Deg):x=0.3310 y=0.3450/u'=0.2044 v'=0.4793 duv=2.659e-

Tc=5565K Dominant WL:Ld=543.1nm Purity=2.9%

Ratio:R=17.0% G=76.5% B=6.5% Peak WL:Lp=451.9nm HWL:21.3nm

Render Index:Ra=98.6 AvgR=97.3

R1 =98.33	R2 =99.43	R3 =99.32	R4 =99.03	R5 =98.70
R6 =97.06	R7 =98.49	R8 =98.41	R9 =98.74	R10=98.28
R11=95.89	R12=82.51	R13=98.86	R14=99.39	R15=97.56

TM30 Parameters: Rf = 96.2, Rg:101.1

TLCI Parameters: TLCI-2012 = 99

Photo Parameters:

Flux = 24.82 lm Eff. : 146.27 lm/W Fe = 91.44 mW Eff.=53.890%

Photons(umol/s): 9.735e-002[400~500nm] 1.584e-001[500~600nm] 1.735e-001[600~1000nm]

e=4.291e-001umol/s blue ratio=3.23 fluo. eff.=4.095e-001

Photosynthetic(400-700nm):PPF:0.40241μmol/s

PRF:87.097mW

Eff(PPF):2.37μmol/s/W

Electrical parameters:

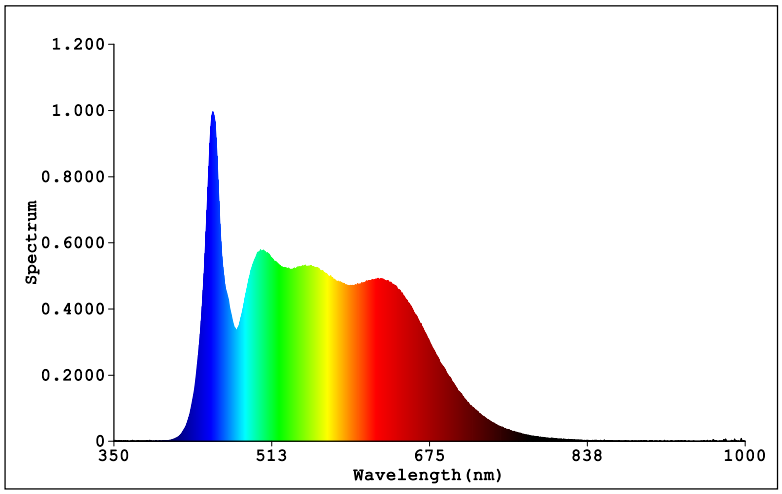
VF = 2.829 V IF = 59.99 mA P = 169.7 mW

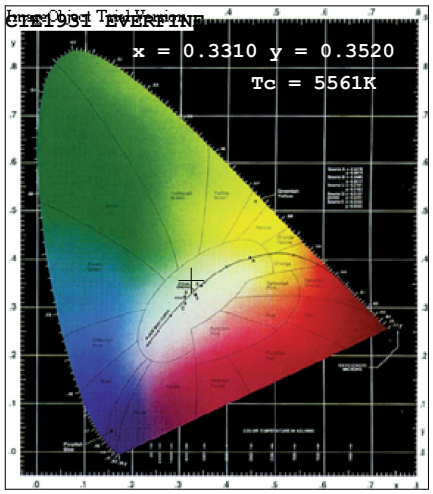
IR = 0 uA (VR = 4.995 V)

LEVEL:**[OUT] WHITE:ANSI_5700K

Model: Number:180
Tester: Date:2022-08-17 16-09
Temperature:25.3Deg Humidity:65.0%
Manufactory: Remarks:
Assessor:damin
System:LED300 + HAAS2000_V3_USB

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate(2Deg):x=0.3310 y=0.3520/u'=0.2018 v'=0.4828 duv=6.109e-

Tc=5561K Dominant WL:Ld=548.1nm Purity=5.0%

Ratio:R=16.4% G=77.1% B=6.5% Peak WL:Lp=452.4nm HWL:20.2nm

Render Index:Ra=97.5 AvgR=95.8

R1 =97.38	R2 =98.64	R3 =99.80	R4 =97.41	R5 =97.22
R6 =97.36	R7 =97.11	R8 =94.98	R9 =89.03	R10=97.99
R11=98.30	R12=78.99	R13=97.72	R14=99.49	R15=95.28

TM30 Parameters: Rf = 94.9, Rg:99.3

TLCI Parameters: TLCI-2012 = 99

Photo Parameters:

Flux = 25.63 lm Eff. : 150.97 lm/W Fe = 92.33 mW Eff.=54.396%

Photons(umol/s): 9.697e-002[400~500nm] 1.647e-001[500~600nm] 1.715e-001[600~1000nm]

e=4.330e-001umol/s blue ratio=3.33 fluo. eff.=4.163e-001

Photosynthetic(400-700nm):PPF:0.40689μmol/s

PRF:88.077mW

Eff(PPF):2.40μmol/s/W

Electrical parameters:

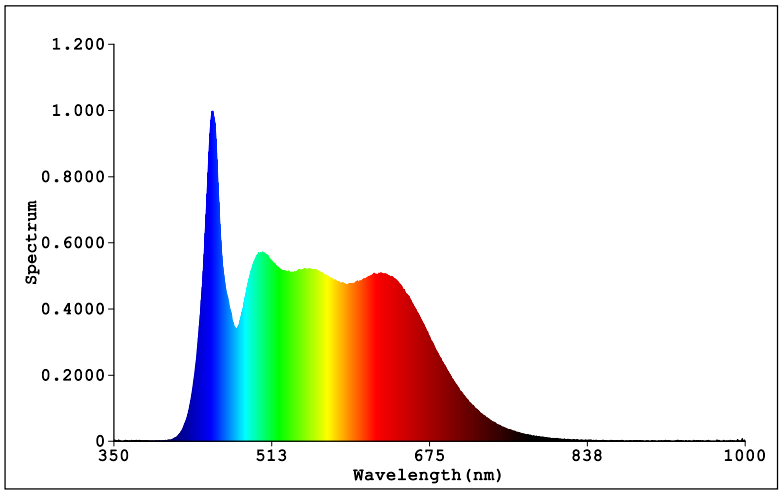
VF = 2.830 V IF = 59.99 mA P = 169.7 mW

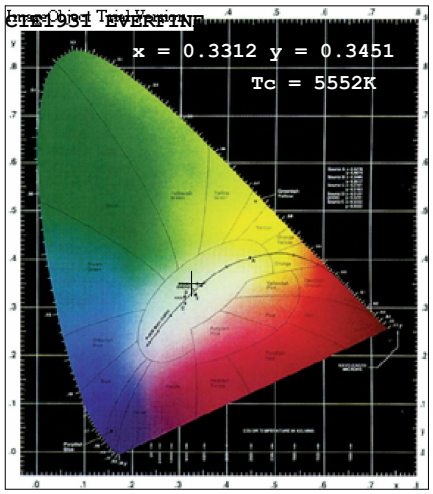
IR = 0 uA (VR = 4.995 V)

LEVEL:**[OUT] WHITE:ANSI_5700K

Model: Number:181
Tester: Date:2022-08-17 16-10
Temperature:25.3Deg Humidity:65.0%
Manufactory: Remarks:
Assessor:damin
System:LED300 + HAAS2000_V3_USB

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate(2Deg):x=0.3312 y=0.3451/u'=0.2045 v'=0.4794 duv=2.589e-

Tc=5552K Dominant WL:Ld=544.6nm Purity=3.0%

Ratio:R=17.0% G=76.5% B=6.5% Peak WL:Lp=452.3nm HWL:21.6nm

Render Index:Ra=98.6 AvgR=97.3

R1 =98.30	R2 =99.38	R3 =99.37	R4 =99.01	R5 =98.68
R6 =97.04	R7 =98.44	R8 =98.38	R9 =98.77	R10=98.17
R11=95.85	R12=82.62	R13=98.82	R14=99.40	R15=97.58

TM30 Parameters: Rf = 96.2, Rg:101.1

TLCI Parameters: TLCI-2012 = 99

Photo Parameters:

Flux = 24.77 lm Eff. : 145.98 lm/W Fe = 91.27 mW Eff.=53.781%

Photons(umol/s): 9.708e-002[400~500nm] 1.581e-001[500~600nm] 1.733e-001[600~1000nm]

e=4.283e-001umol/s blue ratio=3.24 fluo. eff.=4.089e-001

Photosynthetic(400-700nm):PPF:0.40166μmol/s

PRF:86.925mW

Eff(PPF):2.37μmol/s/W

Electrical parameters:

VF = 2.829 V IF = 59.99 mA P = 169.7 mW

IR = 0 uA (VR = 4.995 V)

LEVEL:**[OUT] WHITE:ANSI_5700K

Model: Number:182
Tester: Date:2022-08-17 16-11
Temperature:25.3Deg Humidity:65.0%
Manufactory: Remarks:
Assessor:damin
System:LED300 + HAAS2000_V3_USB