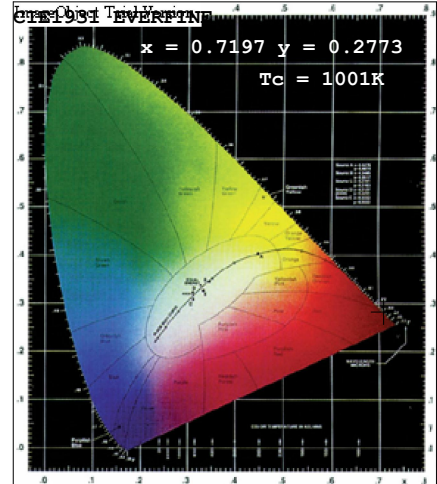
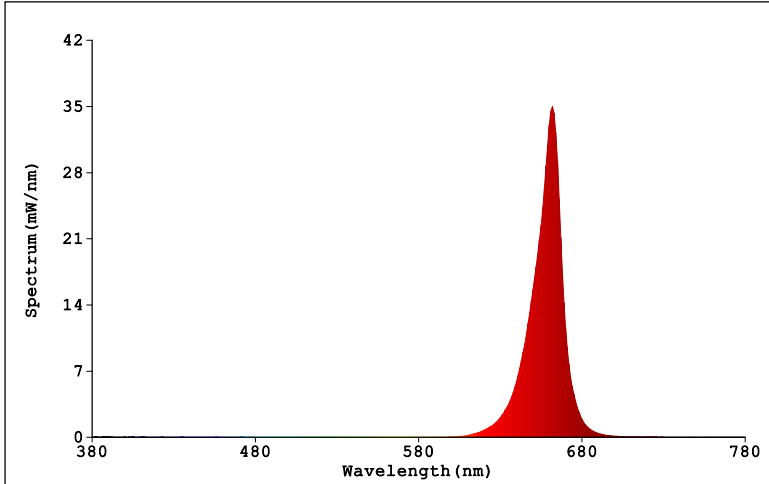


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.7197$ $y=0.2773$ $u'=0.5890$ $v'=0.5106$ $duv=-1.418e-001$
 Tc=1001K Dominant WL:Ld=645.1nm Purity=99.1%
 Ratio:R=99.4% G=0.5% B=0.1% Peak WL:Lp=662.0nm HWL:16.5nm
 Render Index:Ra=12.6 AvgR=3.6
 R1 =8.30 R2 =81.48 R3 =24.53 R4 =-23.62 R5 =4.85 R6 =87.35 R7 =2.56
 R8 =-84.30 R9 =-256.00 R10=81.91 R11=-6.70 R12=79.99 R13=35.28 R14=54.54 R15=-36.75

Photo Parameters:

Flux = 41.57 lm Eff. : 41.94 lm/W Fe = 722.5 mW
 Photosynthetic (400-700nm): PPF:3.9507 μ mol/s
 PAR WATT:720.45mW
 Eff (PPF):3.99 μ mol/s/W

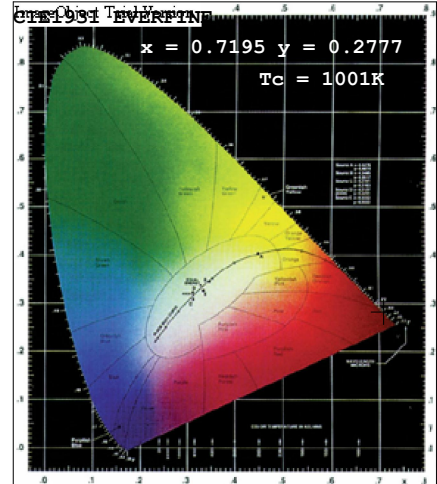
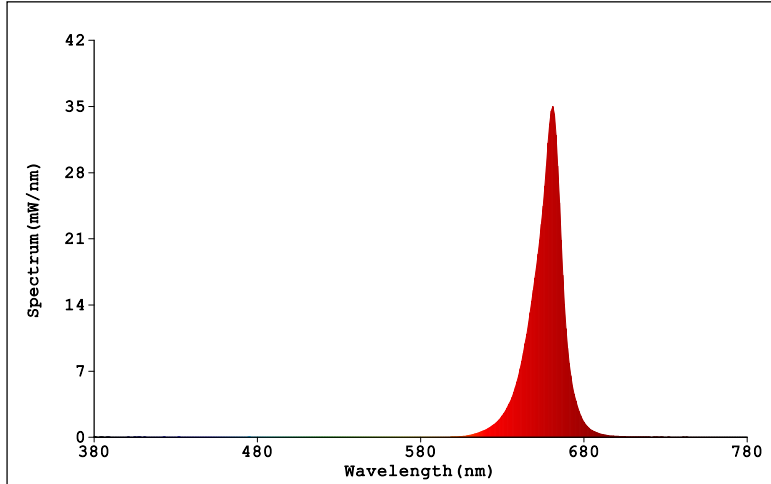
Electrical parameters:

VF = 1.983 V IF = 499.8 mA P = 991.2 mW
 LEVEL:OUT WHITE:OUT

Status: T=9.00ms Ip=51627 (79%) [HAAS2000_V1_USB] V2.00.275

Model:	Number:154
Tester:OQC	Date:2023-03-24 15-33
Temperature:26Deg	Humidity:50%
Manufactory:	Remarks:
Assessor:damin	
System:LED300 + HAAS2000_V1_USB	

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.7195$ $y=0.2777$ $u'=0.5882$ $v'=0.5107$ $duv=-1.410e-001$
 Tc=1001K Dominant WL:Ld=644.6nm Purity=99.2%
 Ratio:R=99.4% G=0.5% B=0.0% Peak WL:Lp=660.8nm HWL:16.4nm
 Render Index:Ra=11.9 AvgR=2.8
 R1 =7.39 R2 =81.00 R3 =24.60 R4 =-25.0 R5 =3.53 R6 =86.97 R7 =1.98
 R8 =-85.4 R9 =-257. R10=80.74 R11=-8.49 R12=81.46 R13=34.38 R14=54.62 R15=-37.84

Photo Parameters:

Flux = 43.68 lm Eff. : 43.81 lm/W Fe = 723.2 mW
 Photosynthetic (400-700nm): PPF:3.9496 μ mol/s
 PAR WATT:721.31mW
 Eff (PPF):3.96 μ mol/s/W

Electrical parameters:

VF = 1.995 V IF = 499.8 mA P = 997.2 mW
 LEVEL:OUT WHITE:OUT

Status: T=9.00ms Ip=51865 (79%) [HAAS2000_V1_USB] V2.00.275

Model:	Number:155
Tester:OQC	Date:2023-03-24 15-34
Temperature:26Deg	Humidity:50%
Manufactory:	Remarks:
Assessor:damin	
System:LED300 + HAAS2000_V1_USB	