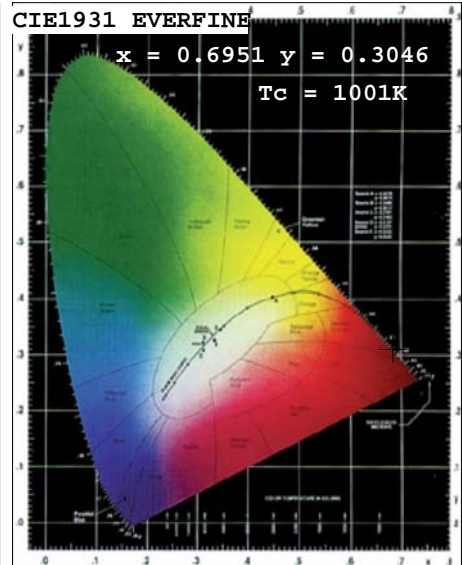
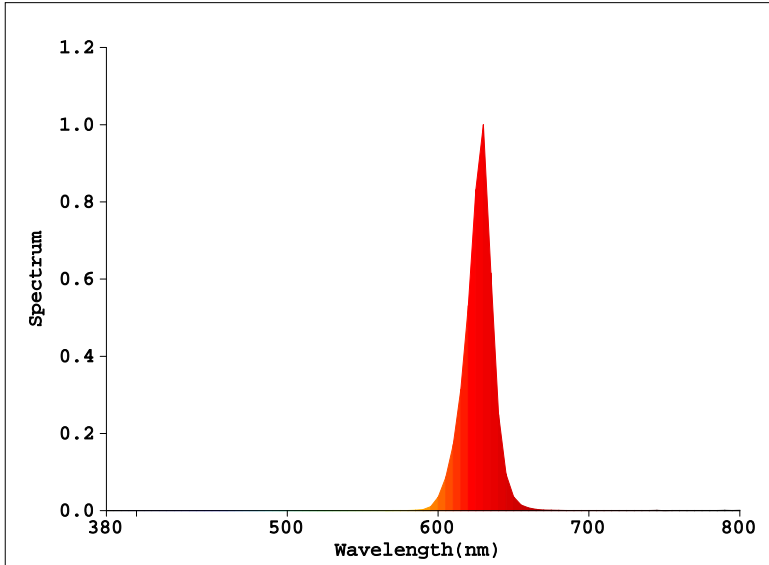


Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6951(dx=-0.0083)$ $y=0.3046(dy=-0.0039)$
 Chromaticity Coordinate: $u'=0.5281$ $v'=0.5207(duv=-8.06e-02)$
 Tc=1001K Dominant WL:Ld=621.9nm Purity=99.9% Centroid WL:628.0nm
 Ratio:R=99.0% G=1.0% B=0.0% Peak WL:Lp=630.0nm HWL:17.3nm
 Render Index:Ra=6.7
 R1 =0 R2 =78 R3 =23 R4 =-37 R5 =-7 R6 =90 R7 =-5
 R8 =-89 R9 =-257 R10=71 R11=-22 R12=79 R13=27 R14=55 R15=-47

Photo Parameters:

Flux: 120.42 lm Fe: 0.57265 W Efficacy:23.77 lm/W

Electrical Parameters:

Lamp : U=24.00V I=0.2111A P=5.066W PF=1.000

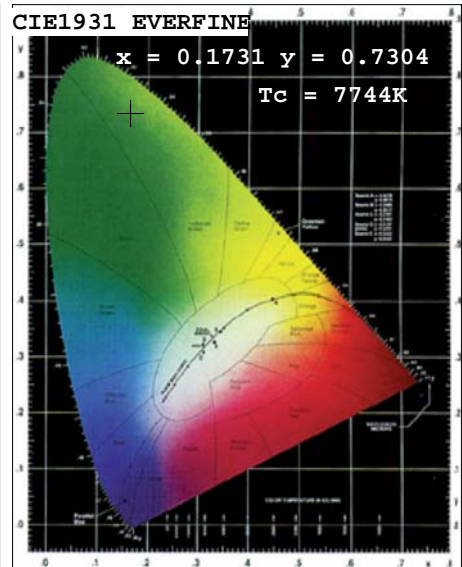
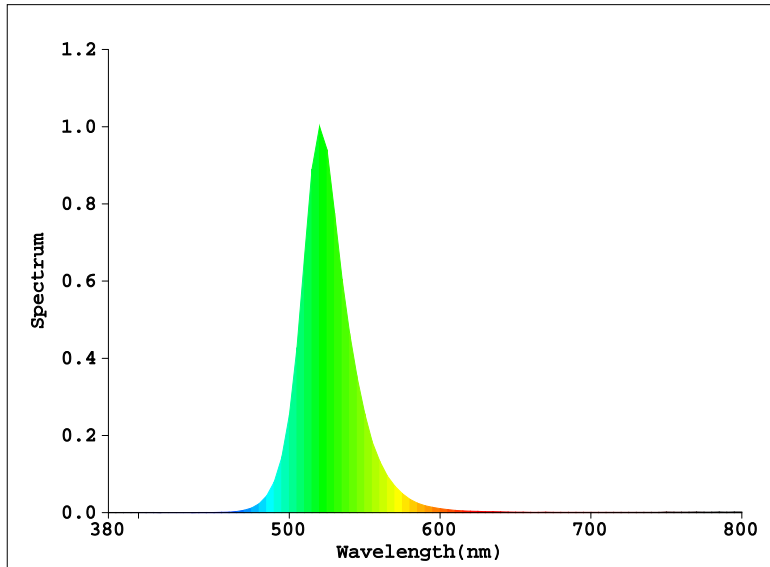
Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=37744(G=5,D=60)
 REF=12675(R=4) %=0.159% PMT: 25.9 centigrade [24.2]

Product Type:COB-840RGB-24V
 Number:1
 Temperature:25 deg
 Test Operator:
 Software:V3.00.134

Manufacturer:
 Test Department:
 Humidity:90.5%
 Test Date:2020-10-18
 Instrument:PMS-80_V1

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1731(dx=-0.0083)$ $y=0.7304(dy=-0.0039)$
 Chromaticity Coordinate: $u'=0.0606$ $v'=0.5757(duv=1.57e-01)$
 Tc=7744K Dominant WL:Ld=528.0nm Purity=82.5% Centroid WL:524.0nm
 Ratio:R=0.4% G=98.4% B=1.2% Peak WL:Lp=520.0nm HWL:32.2nm
 Render Index:Ra=-26.4
 R1 =-35 R2 =-10 R3 =-26 R4 =-67 R5 =-9 R6 =-17 R7 =-11
 R8 =-35 R9 =-358 R10=-110 R11=-97 R12=-34 R13=-41 R14=37 R15=-34

Photo Parameters:

Flux: 353.61 lm Fe: 0.71553 W Efficacy:70.94 lm/W

Electrical Parameters:

Lamp : U=24.00V I=0.2077A P=4.985W PF=1.000

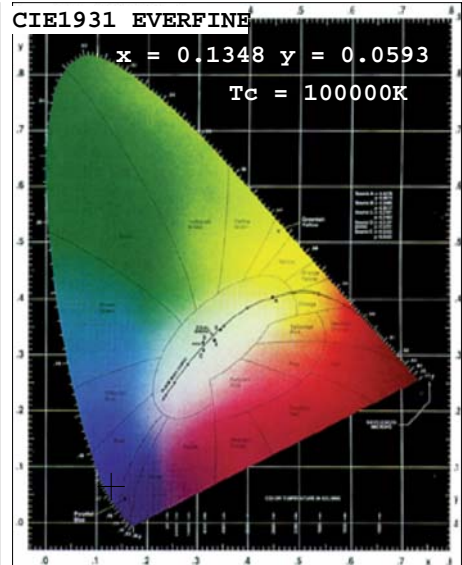
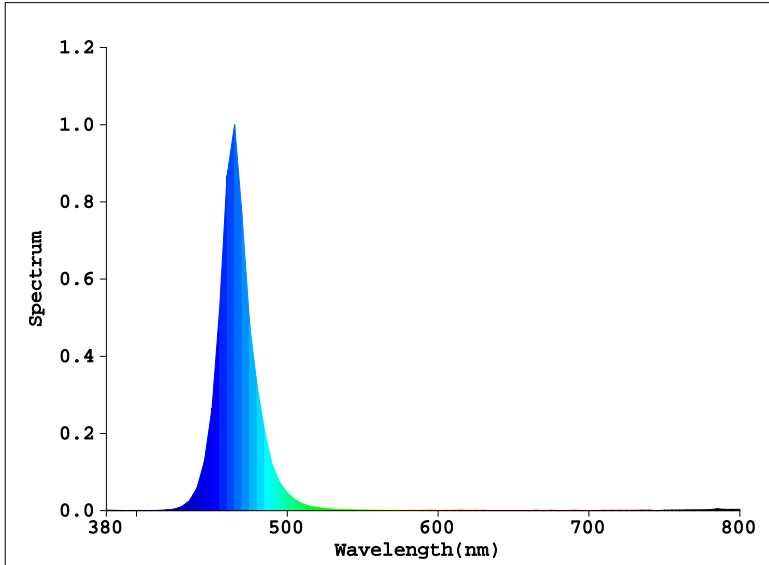
Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=52111(G=5,D=60)
 REF=32017(R=4) %=-0.003% PMT: 26.1 centigrade [24.2]

Product Type:COB-840RGB-24V
 Number:2
 Temperature:25 deg
 Test Operator:
 Software:V3.00.134

Manufacturer:
 Test Department:
 Humidity:90.5%
 Test Date:2020-10-18
 Instrument:PMS-80_V1

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1348(dx=-0.0083)$ $y=0.0593(dy=-0.0039)$
 Chromaticity Coordinate: $u'=0.1567$ $v'=0.1551(duv=1.64e-01)$
 Tc=100000K Dominant WL:Ld=468.3nm Purity=96.9% Centroid WL:466.0nm
 Ratio:R=0.7% G=15.8% B=83.5% Peak WL:Lp=465.0nm HWL:20.1nm
 Render Index:Ra=-50.1
 R1 =-11 R2 =-43 R3 =-136 R4 =-82 R5 =6 R6 =-51 R7 =-47
 R8 =-35 R9 =-268 R10=-224 R11=-111 R12=-100 R13=-31 R14=-30 R15=1

Photo Parameters:

Flux: 84.059 lm Fe: 1.2547 W Efficacy:16.35 lm/W

Electrical Parameters:

Lamp : U=24.00V I=0.2142A P=5.141W PF=1.000

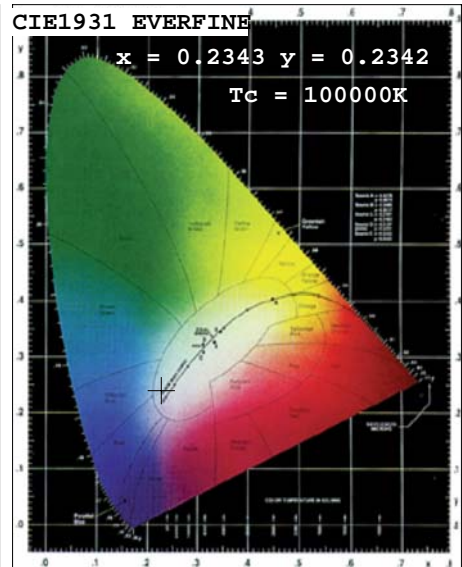
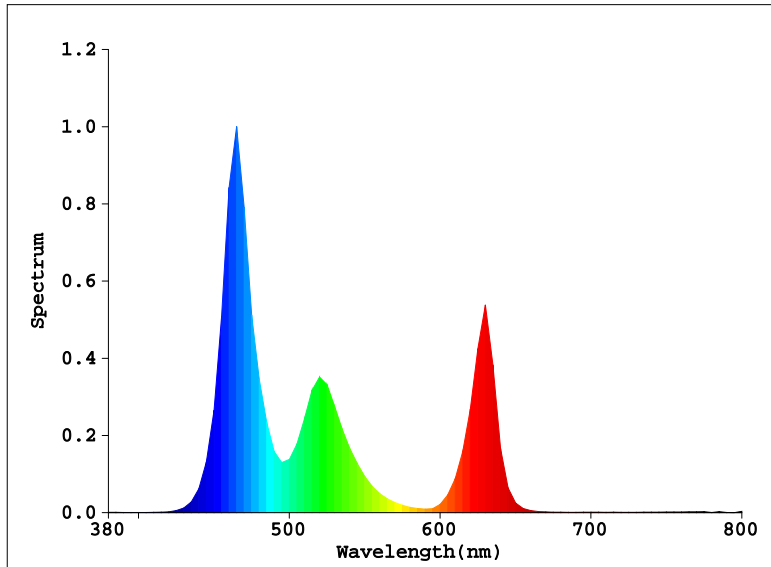
Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=16100(G=3,D=56)
 REF=6556(R=4) %=-0.015% PMT: 26.3 centigrade [24.1]

Product Type:COB-840RGB-24V
 Number:3
 Temperature:25 deg
 Test Operator:
 Software:V3.00.134

Manufacturer:
 Test Department:
 Humidity:90.5%
 Test Date:2020-10-18
 Instrument:PMS-80_V1

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2343(dx=-0.0083)$ $y=0.2342(dy=-0.0039)$

Chromaticity Coordinate: $u'=0.1754$ $v'=0.3946(duv=5.91e-03)$

Tc=100000K Dominant WL:Ld=477.0nm Purity=43.0% Centroid WL:495.0nm

Ratio:R=21.3% G=64.1% B=14.5% Peak WL:Lp=465.0nm HWL:20.5nm

Render Index:Ra=49.1

R1 =34	R2 =53	R3 =73	R4 =58	R5 =57	R6 =56	R7 =56	
R8 =6	R9 =-213	R10=-5	R11=58	R12=57	R13=33	R14=81	R15=11

Photo Parameters:

Flux: 549.65 lm Fe: 2.5885 W Efficacy:36.19 lm/W

Electrical Parameters:

Lamp : U=24.00V I=0.6329A P=15.19W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=50206(R=4) %=-0.066%

Ip=15767(G=3,D=56)
PMT: 26.0 centigrade [24.3]

Product Type:COB-840RGB-24V
Number:4
Temperature:25 deg
Test Operator:
Software:V3.00.134

Manufacturer:
Test Department:
Humidity:90.5%
Test Date:2020-10-18
Instrument:PMS-80_V1