



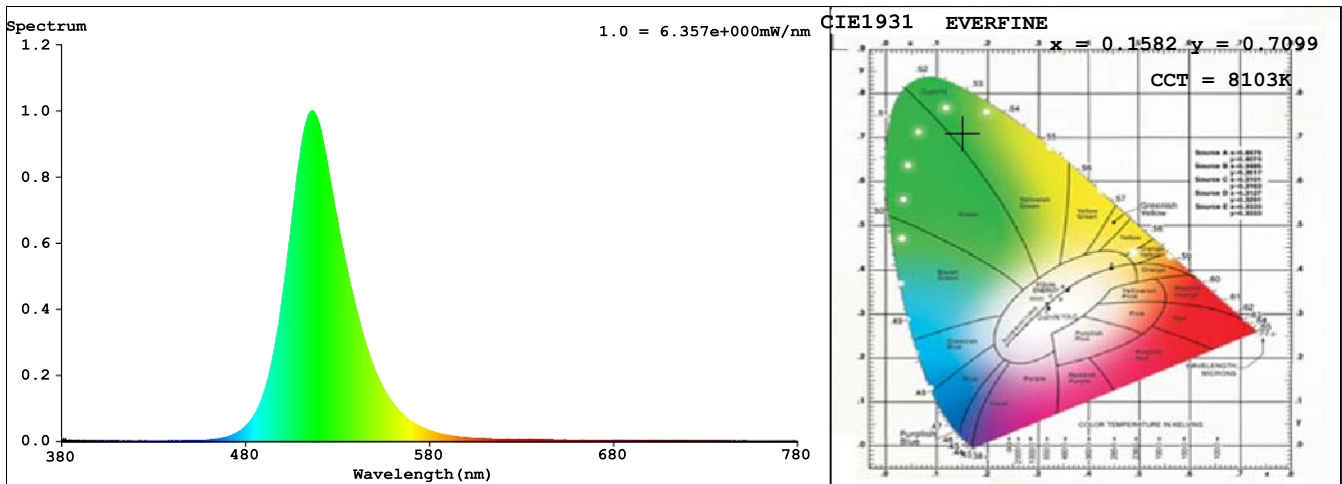
## Spectrum Test Report

Sample : E24F183RGB Date : 2019-05-13 14:58:30  
 Specification : 5050 60LED 1018NEON 24V 14W RGB IP67 CRI90 1M  
 Sample No. : LD19040302#41 Instrument : HaasSuite(EVERFINE)  
 Manufacturer : Test by : Velleman  
 Assessor :  
 Remark :

### Test Condition

Temperature : 25.3Deg RH : 65.0%  
 WL Range : 380nm-780nm IP : 56635 (86%)  
 Test Mode : Fast Test T : 695 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.1582$   $y = 0.7099$  /  $u' = 0.0565$   $v' = 0.5703$  ( $duv=1.59e-01$ )

CCT= 8103K Prcp WL:  $L_d=523.5\text{nm}$  Purity=75.7%

Peak WL:  $L_p=517\text{nm}$  FWHM:  $=34.3\text{nm}$  Ratio:R=0.4% G=96.5% B=3.1%

Render Index:  $R_a = 0.0$  CRI = 2.9 AvgR = 2.7 TM30:Rf=1 Rg=9

R1 =0 R2 =0 R3 =0 R4 =0 R5 =0 R6 =0 R7 =0

R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=40 R15=0

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 117.38 lm Eff. : 22.61 lm/W  $F_e = 256.96$  mW

Flux of emitted photons( $\mu\text{mol/s}$ ):1.1224 Flu. and blue light ratio:99.14 Fluorescent eff.:49.02

### Electrical parameters

V = 24.00 V I = 0.2163 A P = 5.191 W PF = 1.000 F=0.00 Hz



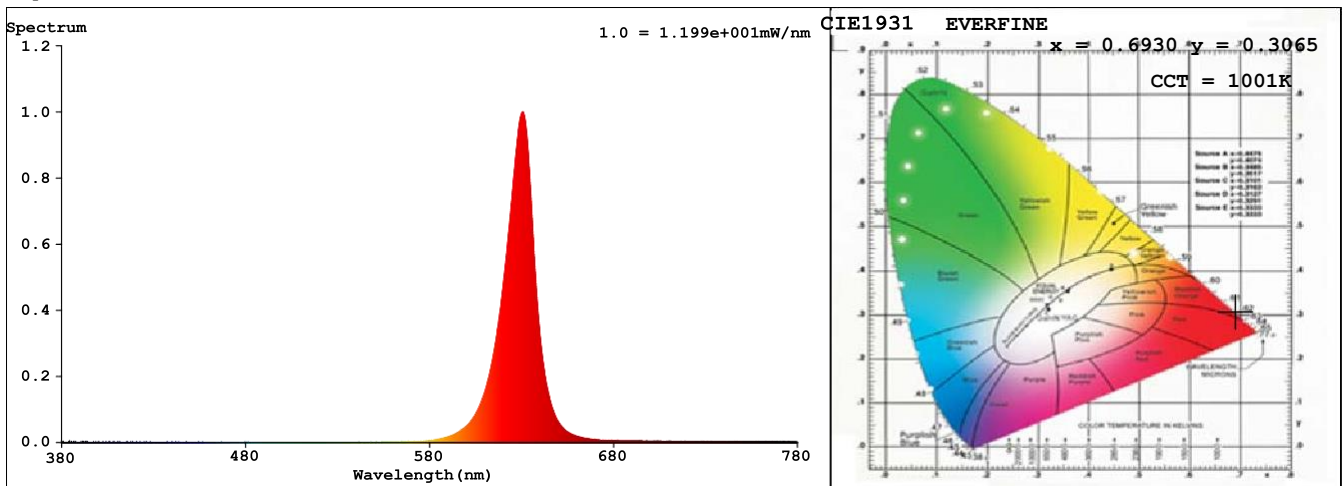
## Spectrum Test Report

Sample : Date : 2019-05-13 14:59:18  
 Specification : YP2019041001 5050 24V60灯 RGB 霓虹1 0Sam. Status :  
 Sample No. : 1555 Instrument : HaasSuite(EVERFINE)  
 Manufacturer : Test by :  
 Assessor : damin  
 Remark :

### Test Condition

Temperature : 25.3Deg RH : 65.0%  
 WL Range : 380nm-780nm IP : 54372 (83%)  
 Test Mode : Fast Test T : 347 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.6930$   $y = 0.3065$  /  $u' = 0.5238$   $v' = 0.5212$  ( $duv = -7.62e-02$ )

CCT= 1001K Prcp WL:  $L_d = 621.0 \text{ nm}$  Purity=99.9%

Peak WL:  $L_p = 631 \text{ nm}$  FWHM:  $= 17.0 \text{ nm}$  Ratio: R=95.3% G=4.7% B=0.0%

Render Index:  $R_a = 27.3$  CRI = 32.9 AvgR = 30.7 TM30:  $R_f = 10$   $R_g = -1$

R1 =8 R2 =78 R3 =32 R4 =0 R5 =3 R6 =89 R7 =8

R8 =0 R9 =0 R10=72 R11=0 R12=79 R13=30 R14=61 R15=0

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 51.269 lm Eff. : 10.38 lm/W  $F_e = 252.24 \text{ mW}$

Flux of emitted photons( $\mu\text{mol/s}$ ): 1.3231 Flu. and blue light ratio: 14126 Fluorescent eff.: 51.07

### Electrical parameters

V = 24.00 V I = 0.2058 A P = 4.939 W PF = 1.000 F=0.00 Hz



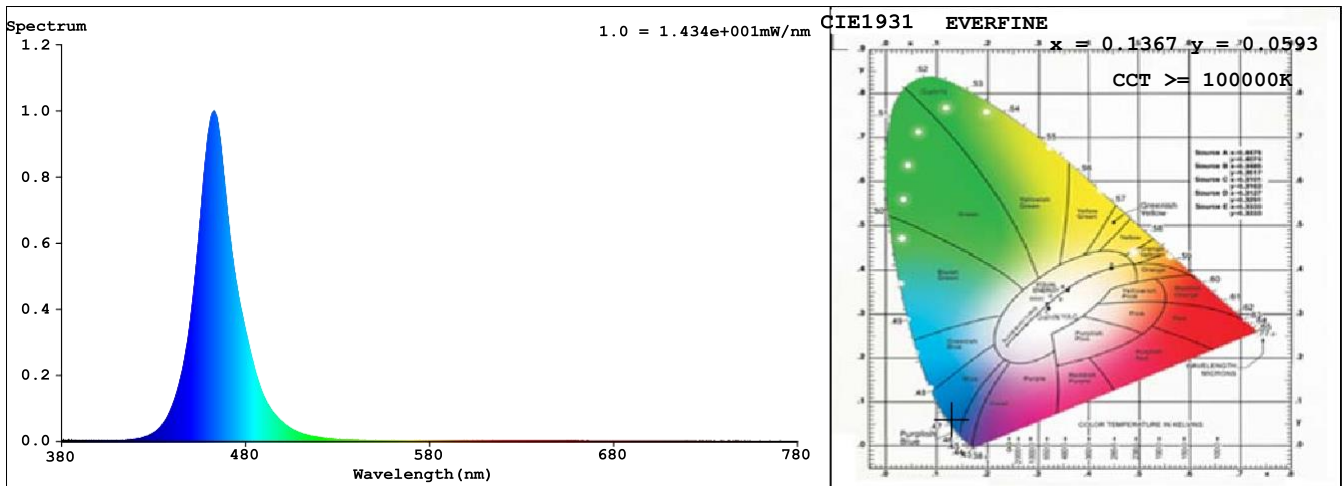
## Spectrum Test Report

Sample : Date : 2019-05-13 14:59:48  
 Specification : YP2019041001 5050 24V60灯 RGB 霓虹10Sam. Status :  
 Sample No. : 1556 Instrument : HaasSuite(EVERFINE)  
 Manufacturer : Test by :  
 Assessor : damin  
 Remark :

### Test Condition

Temperature : 25.3Deg RH : 65.0%  
 WL Range : 380nm-780nm IP : 53226 (81%)  
 Test Mode : Fast Test T : 443 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.1367$   $y = 0.0593$  /  $u' = 0.1591$   $v' = 0.1552$  ( $duv=1.64e-01$ )

CCT>=100000K Prcp WL:  $L_d=467.9\text{nm}$  Purity=96.4%

Peak WL:  $L_p=463\text{nm}$  FWHM: =21.6nm Ratio:R=0.8% G=17.8% B=81.4%

Render Index:  $R_a = 0.9$  CRI = 0.5 AvgR = 0.8 TM30:Rf=0 Rg=-130

R1 =0 R2 =0 R3 =0 R4 =0 R5 =7 R6 =0 R7 =0

R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=5

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 26.471 lm Eff. : 5.22 lm/W Fe = 391.65 mW

Flux of emitted photons( $\mu\text{mol/s}$ ):1.5258 Flu. and blue light ratio:0.1748 Fluorescent eff.:11.51

### Electrical parameters

V = 24.00 V I = 0.2113 A P = 5.071 W PF = 1.000 F=0.00 Hz