



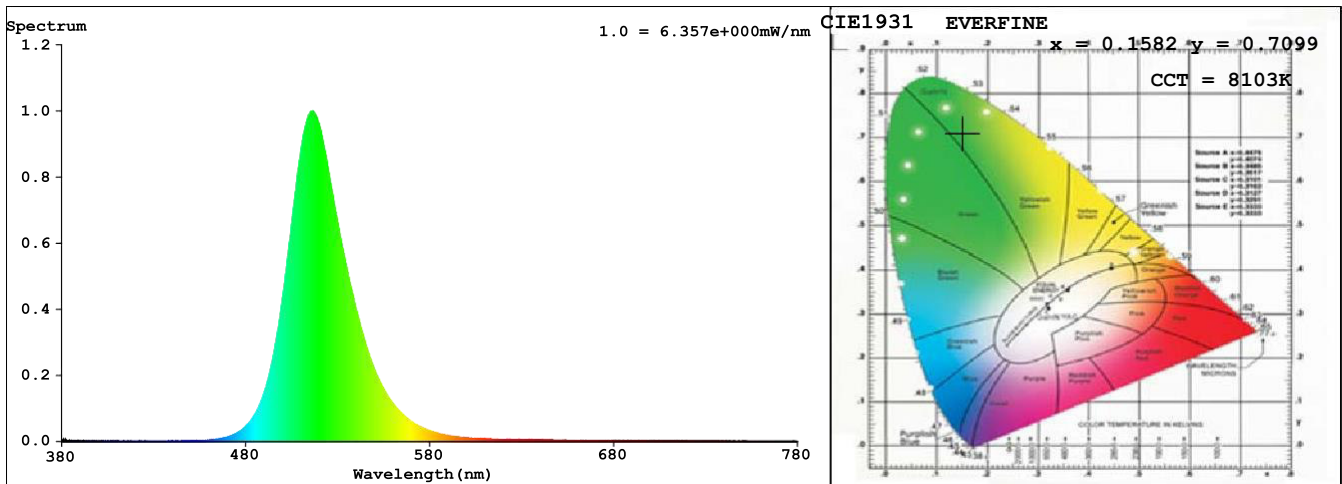
Spectrum Test Report

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: $L_d=523.5nm$ Purity=75.7%

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

Render Index: $R_a = 0.0$ $CRI = 2.9$ $AvgR = 2.7$ $TM30:R_f=1$ $R_g=9$

$R_1=0$ $R_2=0$ $R_3=0$ $R_4=0$ $R_5=0$ $R_6=0$ $R_7=0$

$R_8=0$ $R_9=0$ $R_{10}=0$ $R_{11}=0$ $R_{12}=0$ $R_{13}=0$ $R_{14}=40$ $R_{15}=0$

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($\mu mol/s$): 1.1224 Fluo. 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



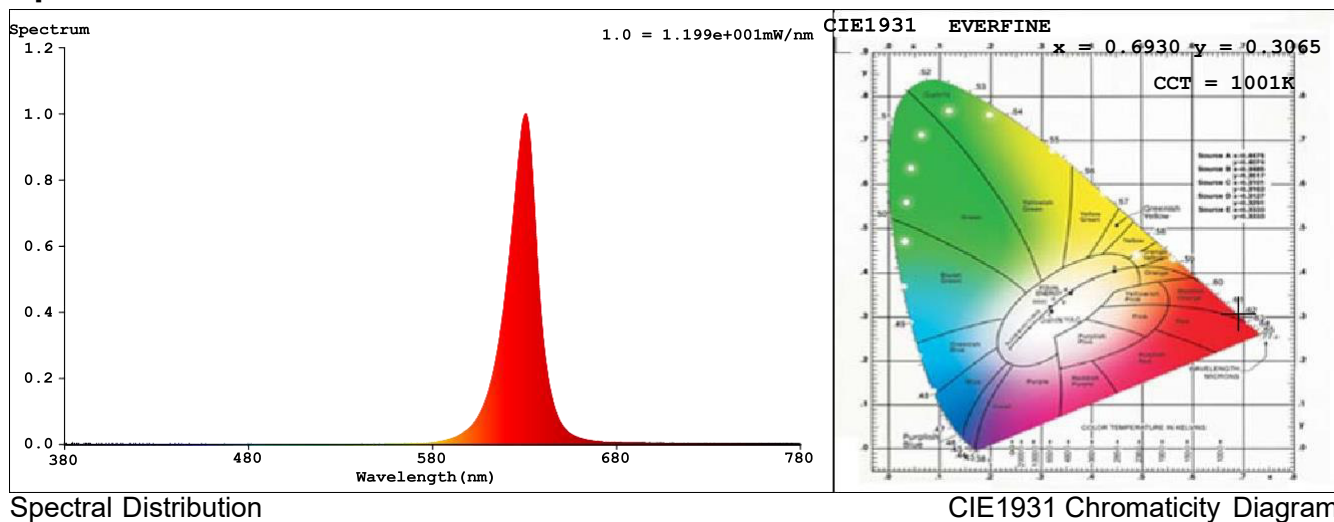
Spectrum Test Report

Sample	:	Date	:	2019-05-13 14:59:18	
Specification	:	YP2019041001 5050 24V60灯 RGB 霓虹10Sam. 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 $F_e = 252.24$ mW

Flux of emitted photons($\mu\text{mol/s}$): 1.3231 Fluo. 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



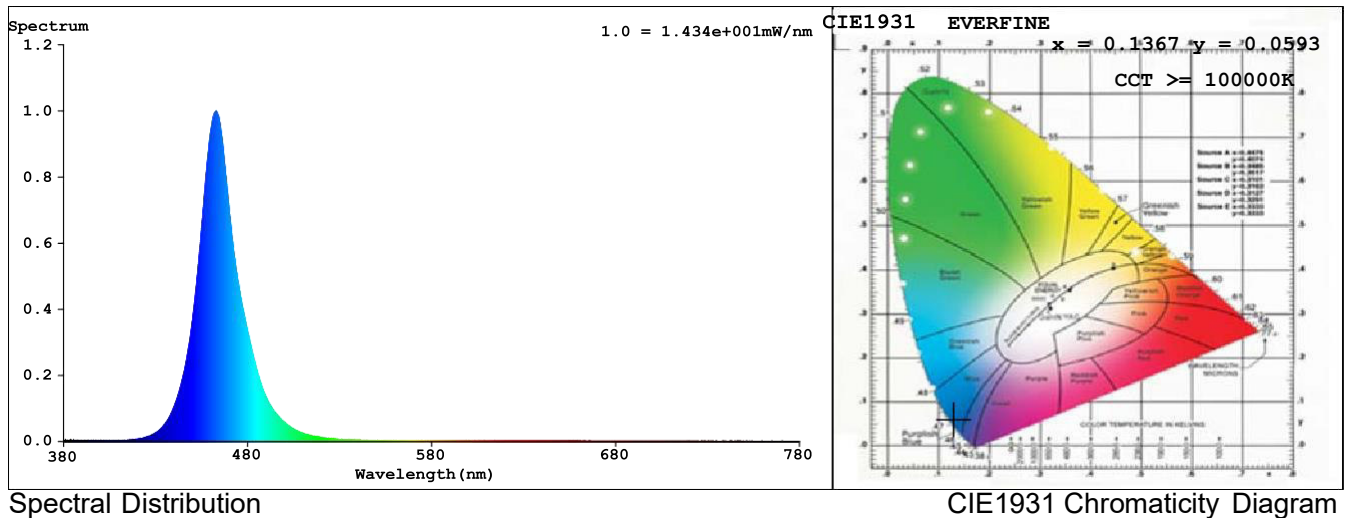
Spectrum Test Report

Sample	:	Date	: 2019-05-13 14:59:48
Specification	: YP2019041001 5050 24V60灯 RGB 霓虹10	Sam. 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: $=21.6\text{nm}$ Ratio: R=0.8% G=17.8% B=81.4%

Render Index: $R_a = 0.9$ CRI = 0.5 AvgR = 0.8 TM30: $R_f=0$ $R_g=-130$

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 Fluo. 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