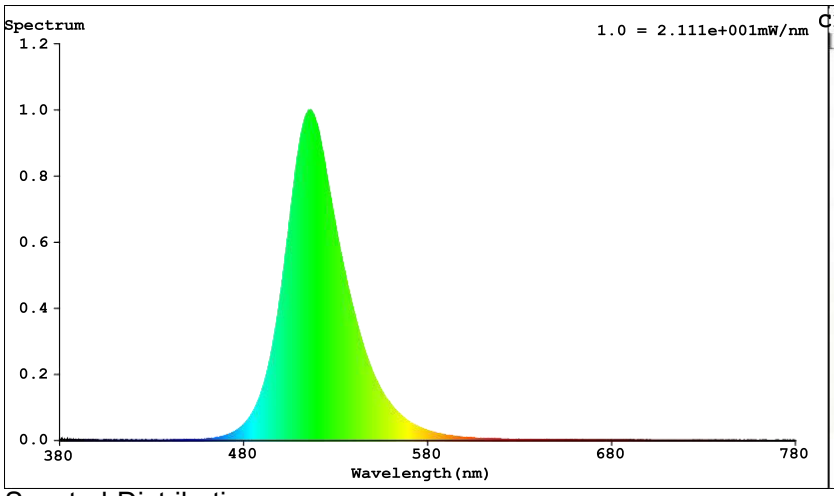
Spectrum Test Report

Sample	: E24M230RGB	Date	: 2019-04-17 17:01:13
Specification	: 5050 60LED 10MM 24V 14.4W RGB IP65 1M:		
Sample No.	: LD19040302#16	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Velleman
Assessor	:		
Remark	:		

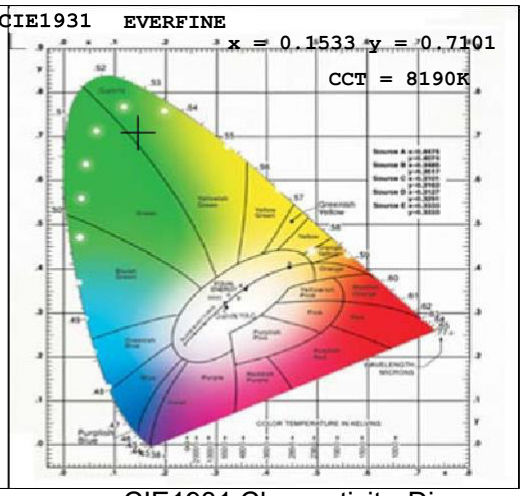
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52733 (80%)
Test Mode	: Fast Test	T	: 195 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.1533 y = 0.7101 / u' = 0.0547 v' = 0.5699 (duv=1.60e-01)

CCT= 8190K Prcp WL: Ld=522.6nm Purity=75.5%

Peak WL: Lp=516nm FWHM: =34.0nm Ratio:R=0.3% G=96.4% B=3.3%

Render Index: Ra = 0.0 CRI = 2.9 AvgR = 2.7 TM30:Rf=0 Rg=8

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 = 383.05 lm Eff. : 74.14 lm/W Fe = 841.65 mW

Flux of emitted photons(umol/s):3.6675 Fluo. and blue light ratio:91.19 Fluorescent eff.:161.2

Electrical parameters

V = 24.00 V I = 0.2153 A P = 5.167 W PF = 1.000 F=0.00 Hz

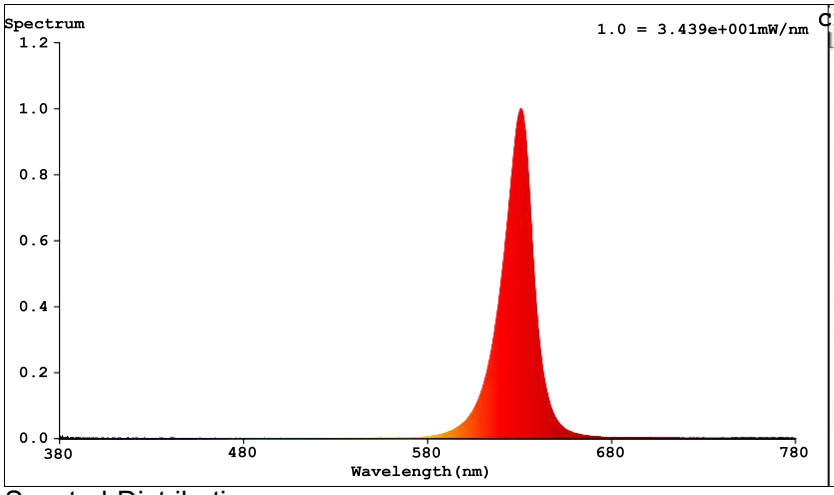
Spectrum Test Report

Sample	: E24M230RGB	Date	: 2019-04-17 17:01:41
Specification	: 5050 60LED 10MM 24V 14.4W RGB IP65 1M:		
Sample No.	: LD19040302#16	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Velleman
Assessor	:		
Remark	:		

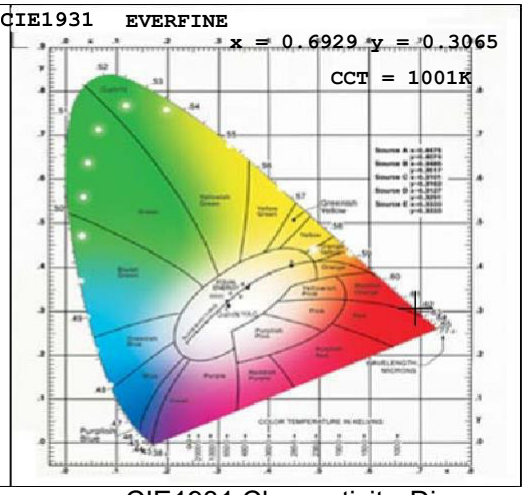
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53475 (82%)
Test Mode	: Fast Test	T	: 119 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.6929 y = 0.3065 / u' = 0.5237 v' = 0.5212 (duv=-7.61e-02)

CCT= 1001K Prcp WL: Ld=620.9nm Purity=99.9%

Peak WL: Lp=631nm FWHM: =17.2nm Ratio:R=95.2% G=4.8% B=0.0%

Render Index: Ra = 27.4 CRI = 33.0 AvgR = 30.8 TM30:Rf=11 Rg=-1

R1 =8	R2 =78	R3 =32	R4 =0	R5 =3	R6 =90	R7 =8	
R8 =0	R9 =0	R10=72	R11=0	R12=79	R13=31	R14=61	R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 147.94 lm Eff. : 29.88 lm/W Fe = 723.10 mW

Flux of emitted photons(umol/s):3.7889 Fluo. and blue light ratio:2760 Fluorescent eff.:146.0

Electrical parameters

V = 24.00 V I = 0.2063 A P = 4.951 W PF = 1.000 F=0.00 Hz

EVERFINE CORPORATION

http://www.everfine.cn

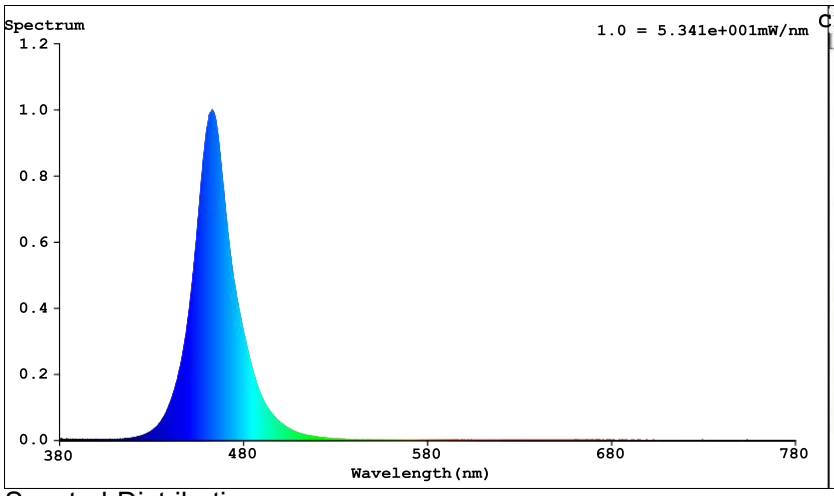
Spectrum Test Report

Sample	: E24M230RGB	Date	: 2019-04-17 17:02:40
Specification	:. 5050 60LED 10MM 24V 14.4W RGB IP65 1M		
Sample No.	: LD19040302#16	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Velleman
Assessor	:		
Remark	:		

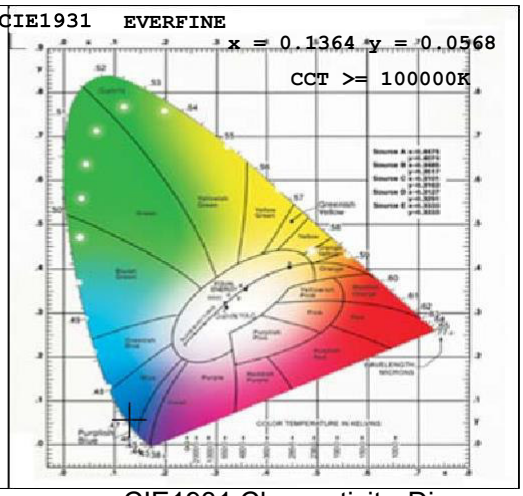
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53288 (81%)
Test Mode	: Fast Test	T	: 119 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.1364 y = 0.0568 / u' = 0.1600 v' = 0.1500 (duv=1.67e-01)

CCT>=100000K Prcp WL: Ld=467.6nm Purity=96.9%

Peak WL: Lp=463nm FWHM: =21.7nm Ratio:R=0.4% G=15.5% B=84.1%

Render Index: Ra = 0.3 CRI = 0.2 AvgR = 0.2 TM30:Rf=0 Rg=-103

R1 =0	R2 =0	R3 =0	R4 =0	R5 =2	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=0	R15=1

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 94.976 lm Eff. : 18.68 lm/W Fe = 1.4581 W

Flux of emitted photons(umol/s):5.6691 Fluo. and blue light ratio:0.1622 Fluorescent eff.:40.07

Electrical parameters

V = 24.00 V I = 0.2119 A P = 5.085 W PF = 1.000 F=0.00 Hz

EVERFINE CORPORATION

http://www.everfine.cn

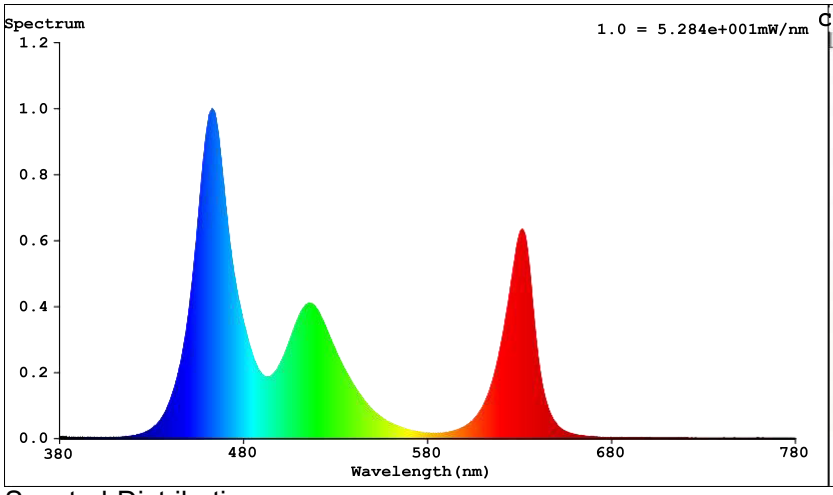
Spectrum Test Report

Sample	: E24M230RGB	Date	: 2019-04-17 17:02:58
Specification	: 5050 60LED 10MM 24V 14.4W RGB IP65 1M		
Sample No.	: LD19040302#16	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Velleman
Assessor	:		
Remark	:		

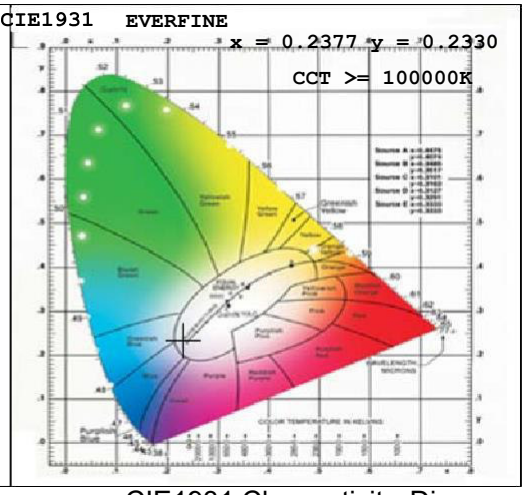
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52681 (80%)
Test Mode	: Fast Test	T	: 119 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.2377 y = 0.2330 / u' = 0.1787 v' = 0.3941 (duv=3.73e-03)

CCT>=100000K Prcp WL: Ld=476.0nm Purity=42.1%

Peak WL: Lp=463nm FWHM: =22.1nm Ratio:R=22.2% G=63.0% B=14.8%

Render Index: Ra = 42.4 CRI = 38.3 AvgR = 35.9 TM30:Rf=40 Rg=114

R1 =24	R2 =49	R3 =67	R4 =47	R5 =47	R6 =49	R7 =56	
R8 =0	R9 =0	R10=0	R11=38	R12=56	R13=26	R14=77	R15=3

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 621.77 lm Eff. : 40.87 lm/W Fe = 3.0020 W

Flux of emitted photons(umol/s):13.037 Fluo. and blue light ratio:0.3174 Fluorescent eff.:47.54

Electrical parameters

V = 24.00 V I = 0.6340 A P = 15.21 W PF = 1.000 F=0.00 Hz

EVERFINE CORPORATION

http://www.everfine.cn