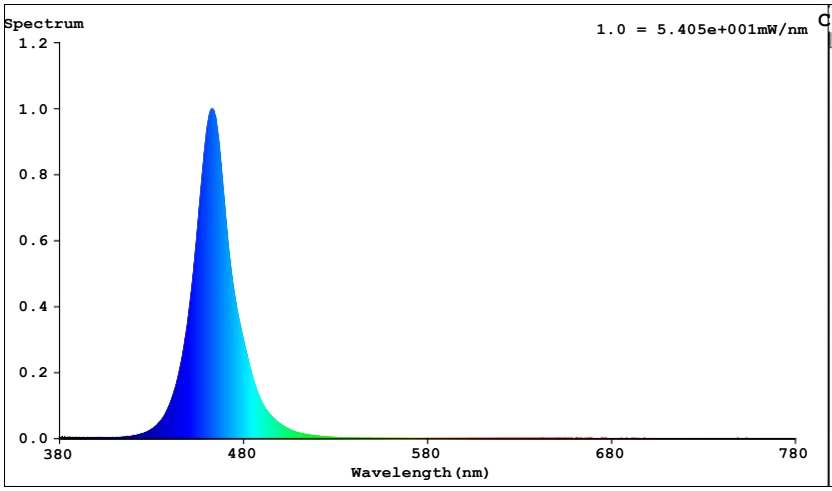
Spectrum Test Report

Sample	:E12W230RGB	Date	: 2020-09-22 17:48:40
Specification	: 5050 60LED 10MM 12V 14.4W RGB 1M	Sam. Status	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Velleman
Assessor	:		
Remark	:LD60-R5050-RGB-12-IP68		

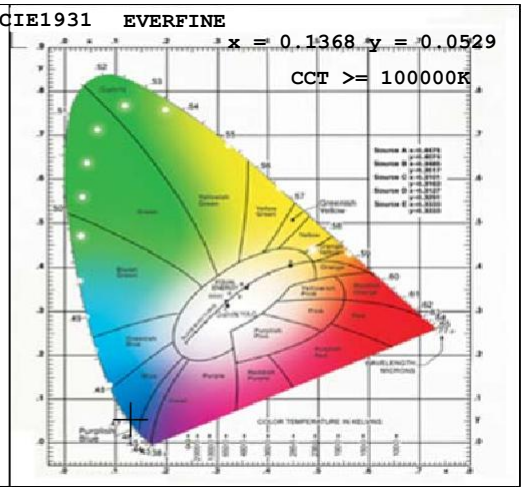
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52896 (81%)
Test Mode	: Fast Test	T	: 120 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.1368 y = 0.0529 / u' = 0.1628 v' = 0.1416 (duv=1.72e-01)

CCT>=100000K Prcp WL: Ld=466.9nm Purity=97.4%

Peak WL: Lp=463nm FWHM: =20.7nm Ratio:R=0.3% G=12.2% B=87.5%

Render Index: Ra = 0.0 CRI = 0.0 AvgR = 0.0 TM30:Rf=0 Rg=38

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=0	R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 86.795 lm Eff. : 17.72 lm/W Fe = 1.4115 W

Electrical parameters

V = 12.00 V I = 0.4083 A P = 4.899 W PF = 1.000 F=0.00 Hz

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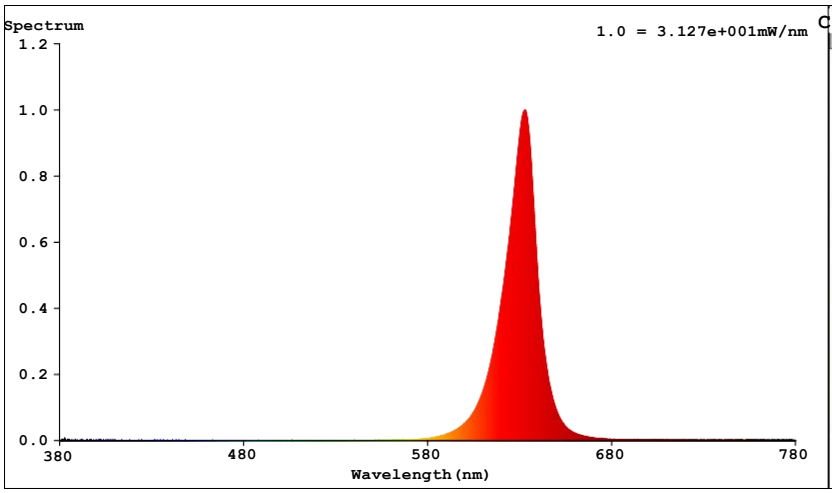
Spectrum Test Report

Sample	:E12W230RGB	Date	: 2020-09-22 17:49:14
Specification	: 5050 60LED 10MM 24V 14.4W RGB 1M	Sam. Status	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:Velleman
Assessor	:		
Remark	:LD60-R5050-RGB-12-IP68		

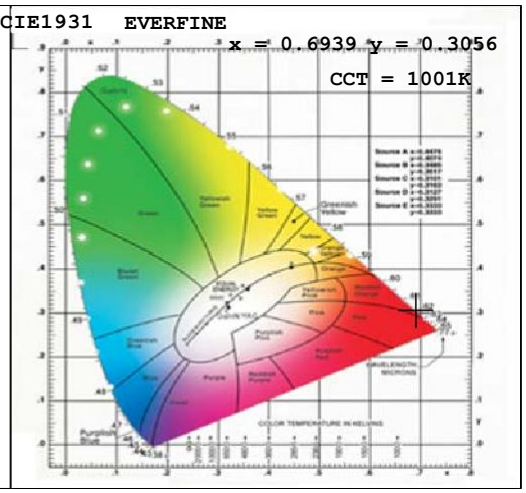
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 49331 (75%)
Test Mode	: Fast Test	T	: 120 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.6939 y = 0.3056 / u' = 0.5258 v' = 0.5210 (duv=-7.82e-02)

CCT= 1001K Prcp WL: Ld=621.4nm Purity=99.9%

Peak WL: Lp=633nm FWHM: =17.8nm Ratio:R=94.7% G=5.3% B=0.0%

Render Index: Ra = 28.8 CRI = 34.0 AvgR = 31.7 TM30:Rf=19 Rg=-1

R1 =10	R2 =78	R3 =35	R4 =0	R5 =6	R6 =89	R7 =12	
R8 =0	R9 =0	R10=72	R11=0	R12=79	R13=31	R14=62	R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 134.10 lm Eff. : 26.97 lm/W Fe = 688.15 mW

Electrical parameters

V = 12.00 V I = 0.4144 A P = 4.972 W PF = 1.000 F=0.00 Hz

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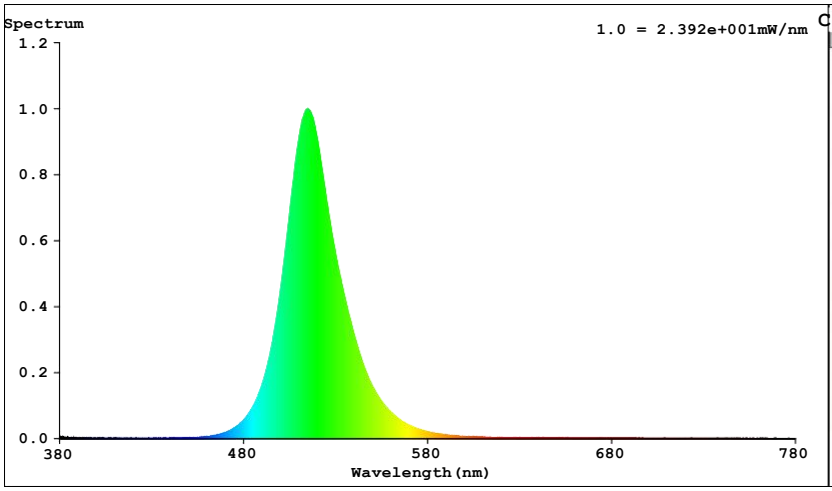
Spectrum Test Report

Sample	: E12W230RGB	Date	: 2020-09-22 17:49:43
Specification	: 5050 60LED 10MM 24V 14.4W RGB 1M	Sam. Status	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Velleman
Assessor	: damin		
Remark	:LD60-R5050-RGB-12-IP68		

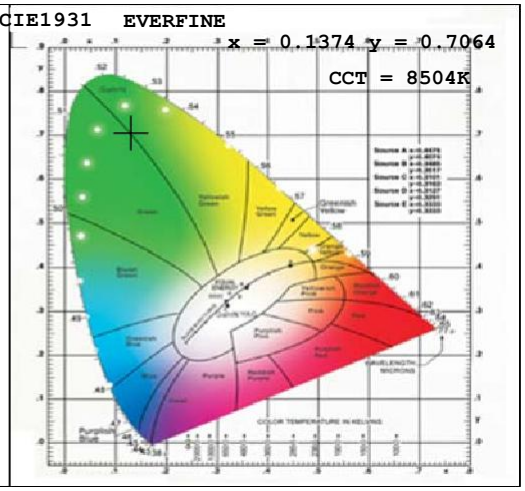
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53062 (81%)
Test Mode	: Fast Test	T	: 177 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.1374 y = 0.7064 / u' = 0.0490 v' = 0.5675 (duv=1.65e-01)

CCT= 8504K Prcp WL: Ld=519.5nm Purity=74.7%

Peak WL: Lp=515nm FWHM: =30.8nm Ratio:R=0.2% G=95.9% B=3.8%

Render Index: Ra = 0.0 CRI = 2.8 AvgR = 2.6 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=39	R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 388.93 lm Eff. : 82.02 lm/W Fe = 888.43 mW

Electrical parameters

V = 12.00 V I = 0.3952 A P = 4.742 W PF = 1.000 F=0.00 Hz

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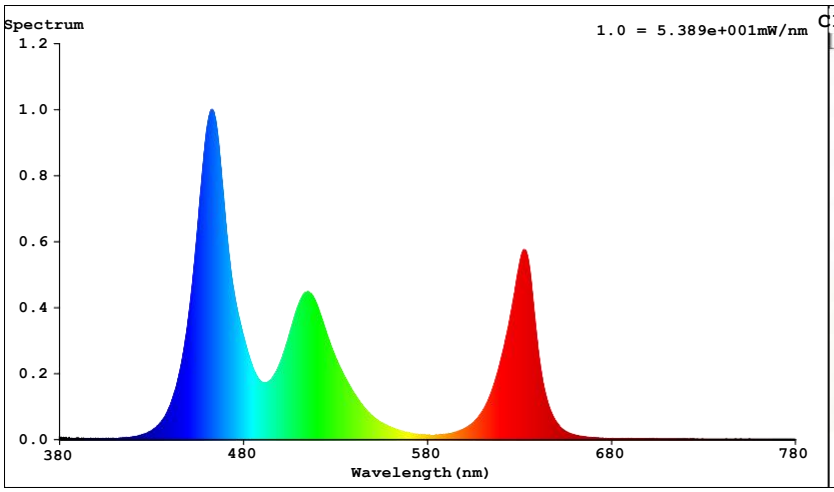
Spectrum Test Report

Sample	:E12W230RGB	Date	: 2020-09-22 17:50:10
Specification	: 5050 60LED 10MM 24V 14.4W RGB 1M	Sam. Status	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:Velleman
Assessor	:		
Remark	:LD60-R5050-RGB-12-IP68		

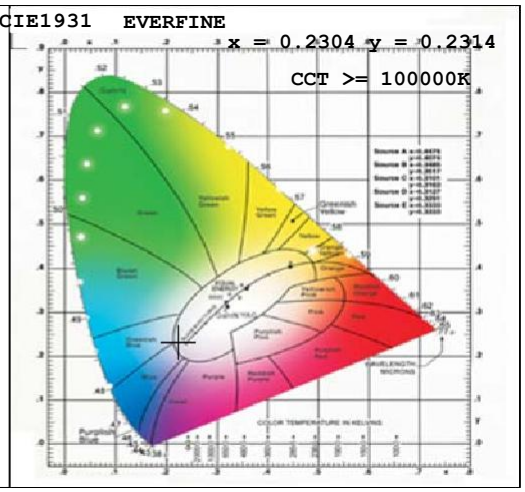
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53215 (81%)
Test Mode	: Fast Test	T	: 121 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.2304 y = 0.2314 / u' = 0.1733 v' = 0.3918 (duv=8.72e-03)

CCT>=100000K Prcp WL: Ld=477.2nm Purity=44.5%

Peak WL: Lp=463nm FWHM: =20.5nm Ratio:R=21.1% G=64.1% B=14.8%

Render Index: Ra = 44.4 CRI = 40.0 AvgR = 37.9 TM30:Rf=39 Rg=113

R1 =30	R2 =51	R3 =63	R4 =53	R5 =52	R6 =50	R7 =56	
R8 =1	R9 =0	R10=0	R11=41	R12=58	R13=30	R14=75	R15=9

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 600.24 lm Eff. : 42.19 lm/W Fe = 2.9350 W

Electrical parameters

V = 12.00 V I = 1.186 A P = 14.23 W PF = 1.000 F=0.00 Hz

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