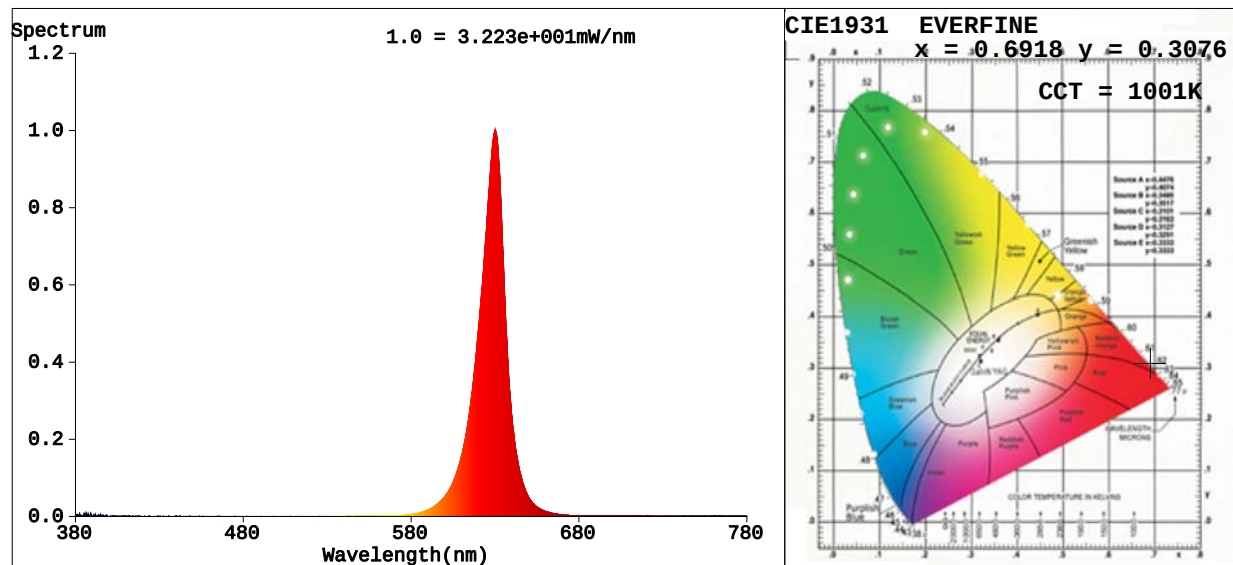


Integrating Sphere Test Report

Eluxtra™ ProFlex PixelControl LED Strip Light - RGB+3000K

RGB30K-PX-5050PF-56-10m



Colorimetric Parameters

Chromaticity Coordinate: $x=0.6918$ $y=0.3076$ $u'=0.5214$ $v'=0.5216$

CCT=1001K (Duv=-0.0738) Dominant WL:Ld =620.3nm Purity=99.9%

Peak WL:Lp=630.0nm FWHM=16.2nm

Render Index: Ra=27.6

R1 =9	R2 =78	R3 =32	R4 =0	R5 =4	R6 =90	R7 =8	
R8 =0	R9 =0	R10=72	R11=0	R12=79	R13=31	R14=61	R15=0

Photometric & Radiometric Parameters

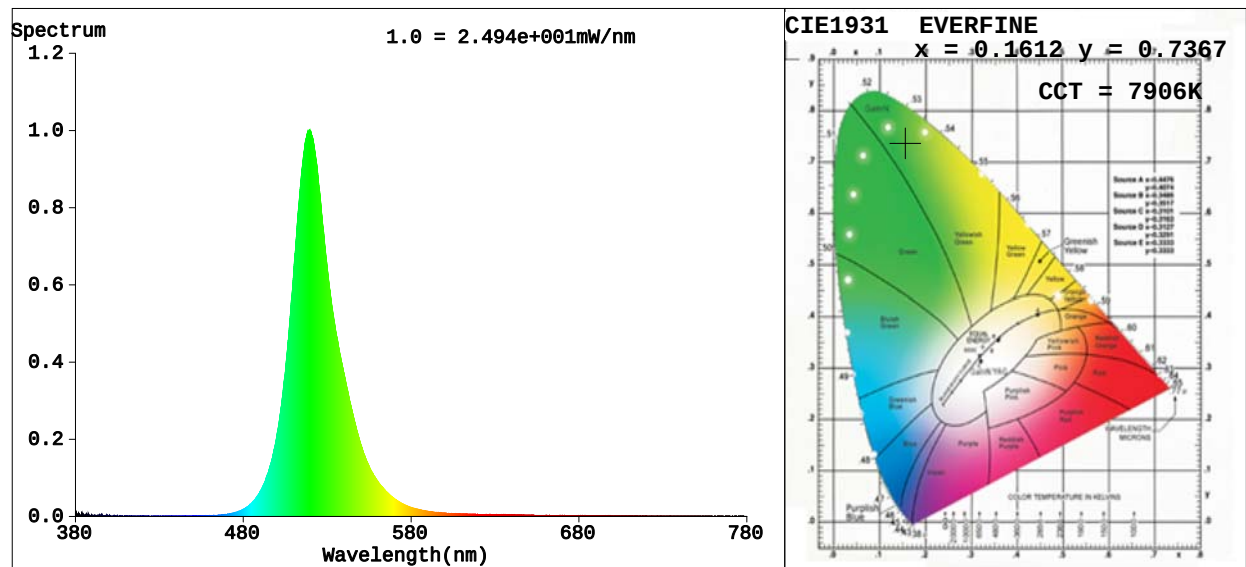
Flux=136.3 lm Eff.:31.33 lm/W Fe=649.9 mW

Electrical parameters

V=24.00 V I=0.1813 A P=4.351 W PF=1.000 F=0.00 Hz

Status: Integral T = 116 ms Ip = 53373 (81%)

Test Mode: Fast Test; Sensitivity = High; Tecool: ON



Colorimetric Parameters

Chromaticity Coordinate: $x=0.1612$ $y=0.7367$ / $u'=0.0560$ $v'=0.5757$

CCT=7906K (Duv=0.1613) Dominant WL:Ld =526.3nm Purity=82.6%

Peak WL:Lp=519.5nm FWHM=26.8nm

Render Index: Ra=0.0

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=34	R15=0

Photometric & Radiometric Parameters

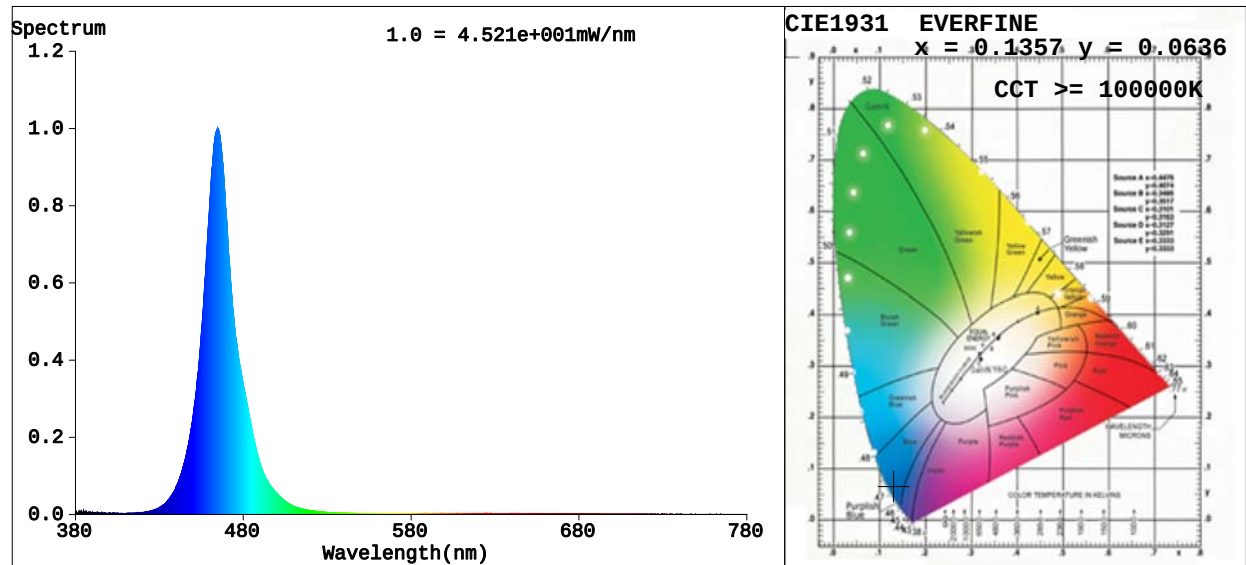
Flux=405.0 lm Eff.:92.77 lm/W Fe=834.8 mW

Electrical parameters

V=24.00 V I=0.1819 A P=4.365 W PF=1.000 F=0.00 Hz

Status: Integral T = 152 ms Ip = 53083 (81%)

Test Mode: Fast Test; Sensitivity = High; Tecool: ON



Colorimetric Parameters

Chromaticity Coordinate: $x=0.1357$ $y=0.0636$ $u'=0.1555$ $v'=0.1639$

CCT=100000K (Duv=-0.1587) Dominant WL:Ld =468.7nm Purity=96.0%

Peak WL:Lp=464.7nm FWHM=19.1nm

Render Index: Ra=1.9

R1 =1	R2 =0	R3 =0	R4 =0	R5 =15	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=0	R15=11

Photometric & Radiometric Parameters

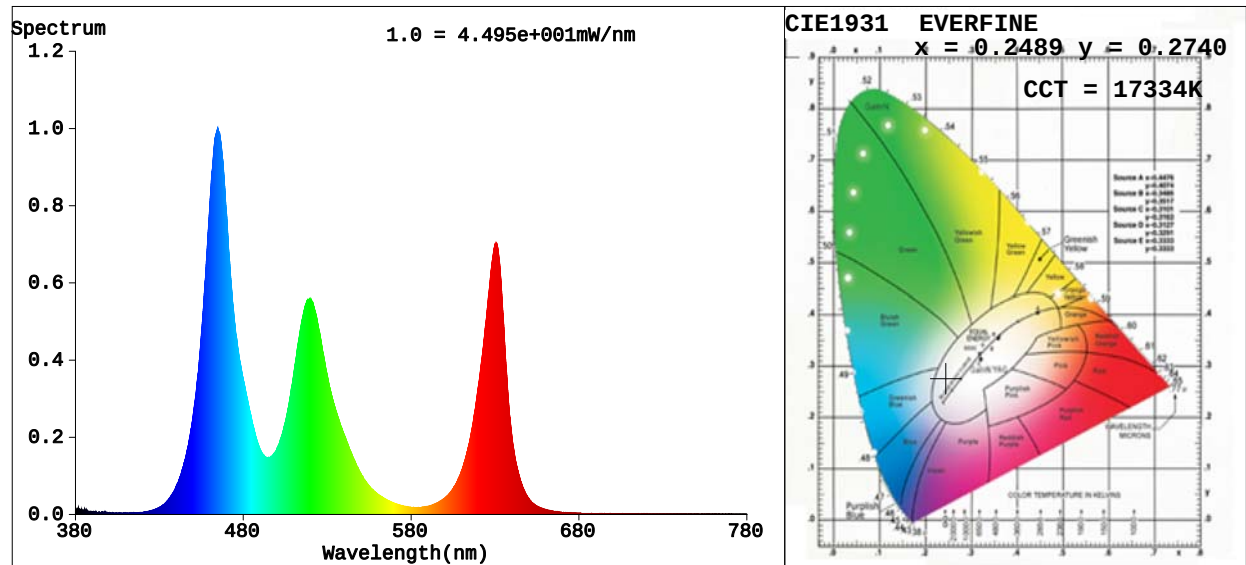
Flux=80.81 lm Eff.:18.57 lm/W Fe=1.144 W

Electrical parameters

V=24.00 V I=0.1813 A P=4.351 W PF=1.000 F=0.00 Hz

Status: Integral T = 123 ms Ip = 53086 (81%)

Test Mode: Fast Test; Sensitivity = High; Tecool: ON



Colorimetric Parameters

Chromaticity Coordinate: $x=0.2489$ $y=0.2740/u'=0.1720$ $v'=0.4259$

$\text{CCT}=17334\text{K}(\text{Duv}=0.0135)$ Dominant WL:Ld =482.0nm Purity=33.7%

Peak WL:Lp=464.7nm FWHM=19.2nm

Render Index: $R_a=52.7$

R1 =39	R2 =64	R3 =75	R4 =58	R5 =60	R6 =60	R7 =58
R8 =8	R9 =0	R10=16	R11=48	R12=65	R13=42	R14=81
						R15=22

Photometric & Radiometric Parameters

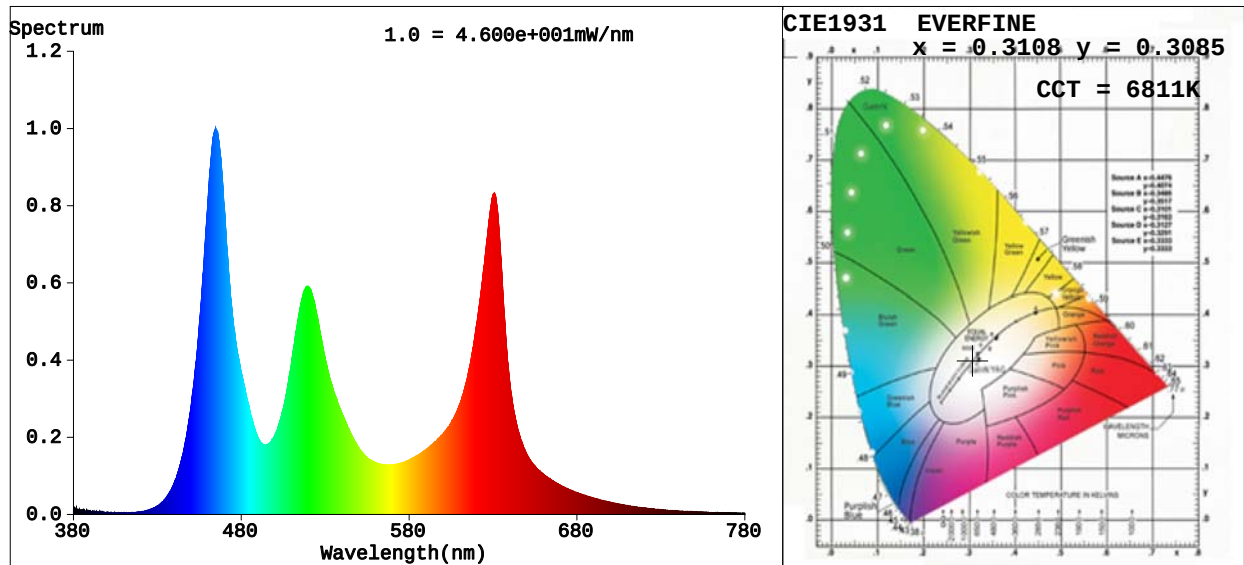
Flux=613.4 lm Eff.:55.10 lm/W Fe=2.602 W

Electrical parameters

V=24.00 V I=0.4639 A P=11.13 W PF=1.000 F=0.00 Hz

Status: Integral T = 105 ms Ip = 47157 (72%)

Test Mode: Fast Test; Sensitivity = High; Tecool: ON



Colorimetric Parameters

Chromaticity Coordinate: $x=0.3108$ $y=0.3085$ $u'=0.2045$ $v'=0.4566$

CCT=6811K (Duv=-0.0067) Dominant WL:Ld =474.9nm Purity=10.1%

Peak WL:Lp=464.7nm FWHM=20.1nm

Render Index: Ra=54.7

R1 =38	R2 =64	R3 =85	R4 =49	R5 =49	R6 =54	R7 =71
R8 =27	R9 =0	R10=21	R11=35	R12=53	R13=42	R14=88
						R15=32

Photometric & Radiometric Parameters

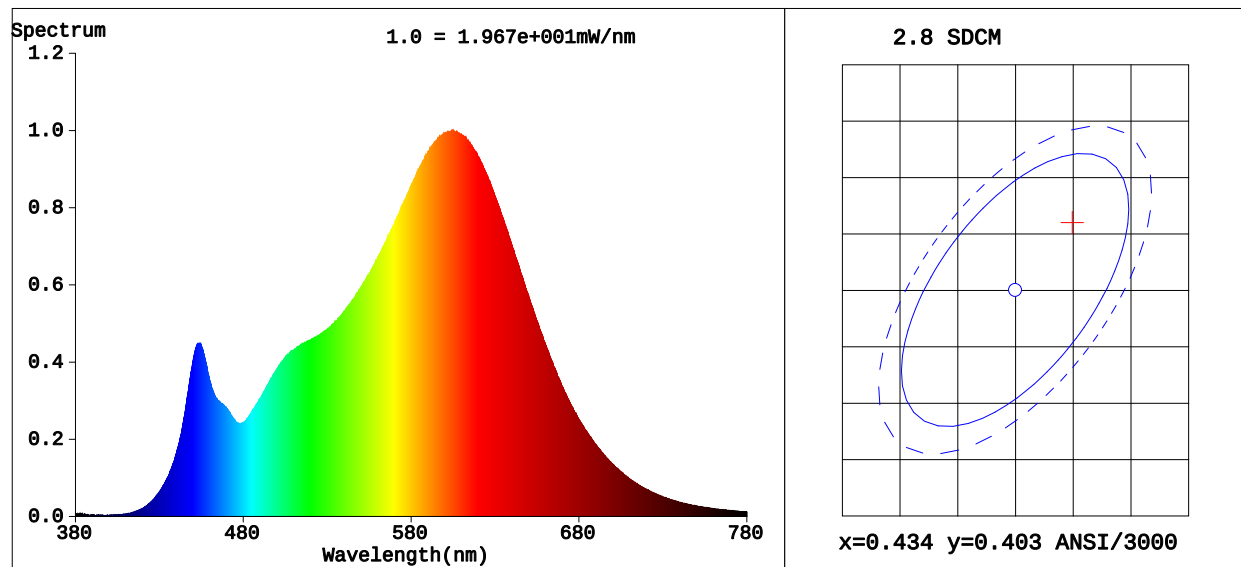
Flux=924.4 lm Eff.:64.04 lm/W Fe=3.612 W

Electrical parameters

V=24.00 V I=0.6015 A P=14.43 W PF=1.000 F=0.00 Hz

Status: Integral T = 105 ms Ip = 57193 (87%)

Test Mode: Fast Test; Sensitivity = High; Tecool: ON



Colorimetric Parameters

Chromaticity Coordinate: $x=0.4389$ $y=0.4093$ $u'=0.2496$ $v'=0.5237$

CCT=3010K(Duv=0.0018) Dominant WL:Ld =582.2nm Purity=54.6%

Peak WL:Lp=604.8nm FWHM=121.3nm

Render Index:Ra=83.7

R1 =83	R2 =93	R3 =94	R4 =82	R5 =83	R6 =93	R7 =82	
R8 =59	R9 =9	R10=86	R11=82	R12=78	R13=85	R14=97	R15=74

Photometric & Radiometric Parameters

Flux=320.2 lm Eff.:73.91 lm/W Fe=2.877 W Scotopic:1325.4 S/P:1.3874

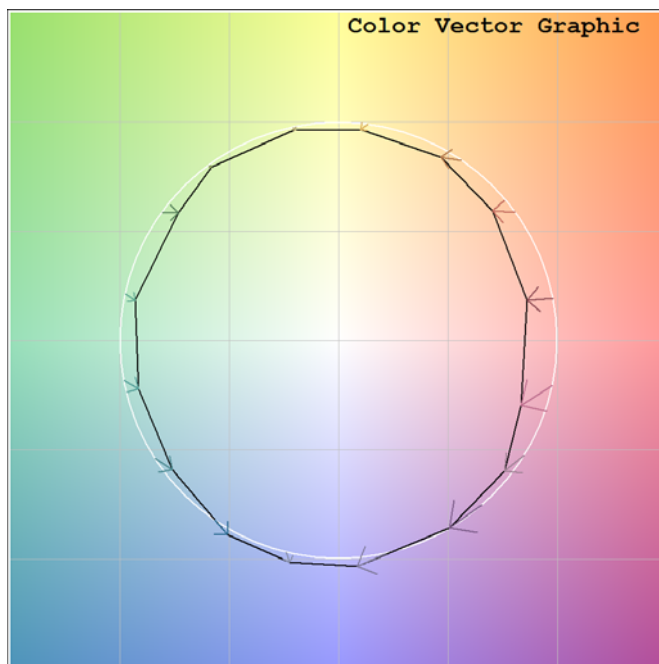
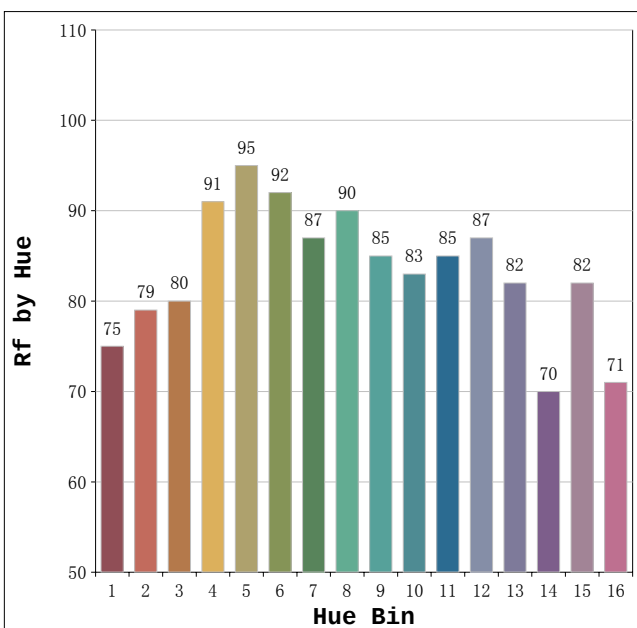
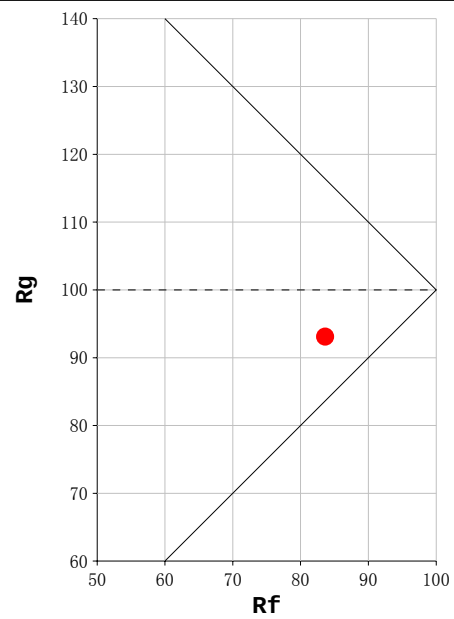
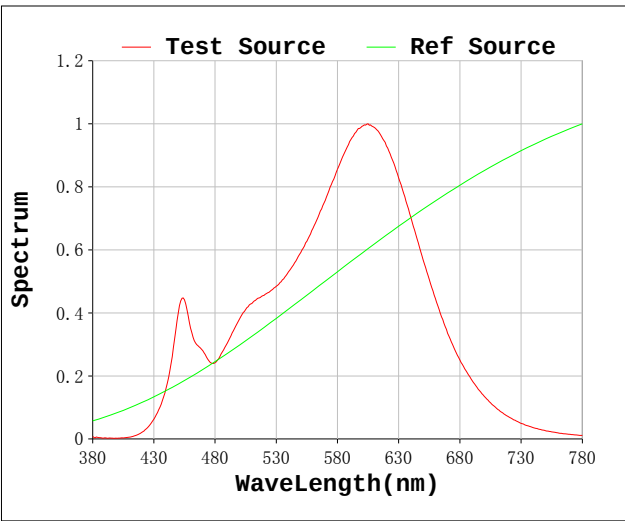
Electrical parameters

V=24.00 V I=0.1805 A P=4.332 W PF=1.000 F=0.00 Hz

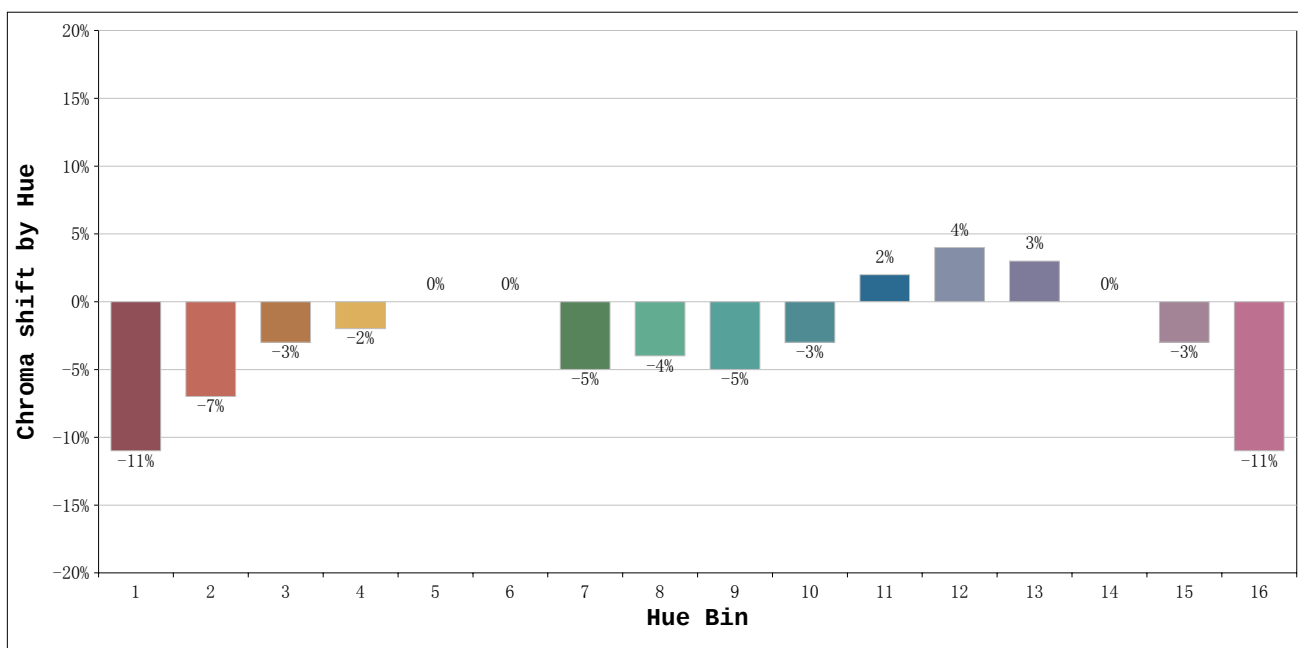
Status: Integral T = 214 ms Ip = 55415 (85%)

Test Mode: Fast Test; Sensitivity = High; Tecool: ON

Rf: 84 **CCT: 3010 K** **u': 0.2496**
Rg: 93 **Duv: 0.0018** **v': 0.5237**



Environmental Lights
888-880-1880



			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0. 0° – 22. 5°	75	-11	1
2	22. 5° – 45. 0°	79	-7	6
3	45. 0° – 67. 5°	80	-3	9
4	67. 5° – 90. 0°	91	-2	3
5	90. 0° – 112. 5°	95	0	2
6	112. 5° – 135. 0°	92	0	0
7	135. 0° – 157. 5°	87	-5	-3
8	157. 5° – 180. 0°	90	-4	2
9	180. 0° – 202. 5°	85	-5	5
10	202. 5° – 225. 0°	83	-3	9
11	225. 0° – 247. 5°	85	2	9
12	247. 5° – 270. 0°	87	4	2
13	270. 0° – 292. 5°	82	3	-13
14	292. 5° – 315. 0°	70	0	-17
15	315. 0° – 337. 5°	82	-3	-10
16	337. 5° – 360. 0°	71	-11	-11

Environmental Lights
888-880-1880