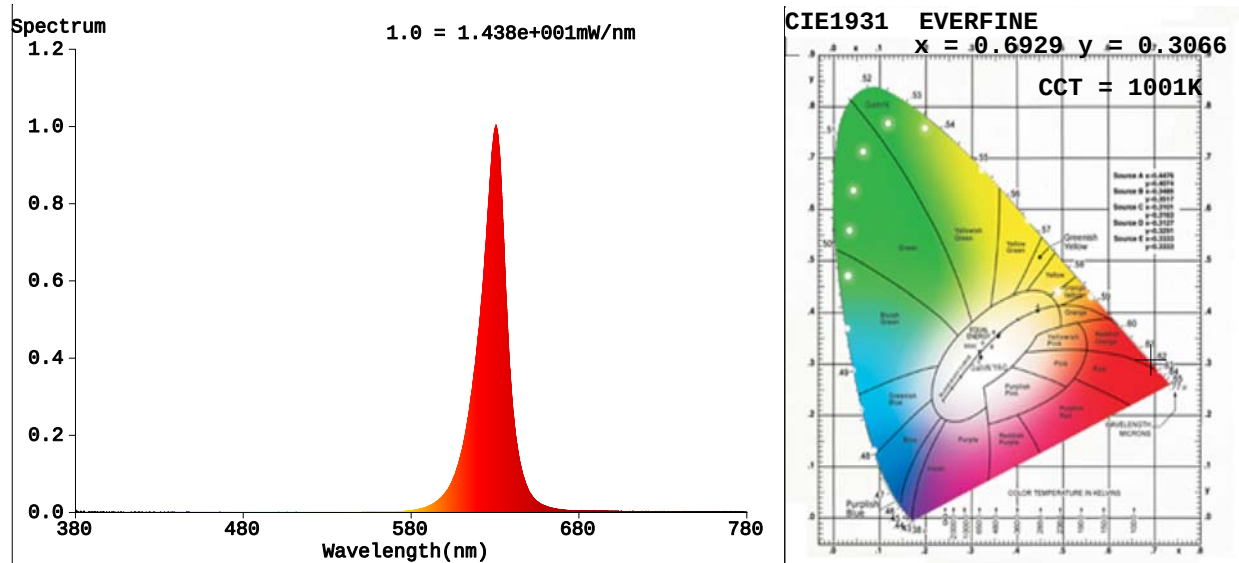


Integrating Sphere Test Report

Eluxtra™ ProFlex PixelControl LED Neon - RGB+4000K

PLN-PF-RGB40K-10m



Colorimetric Parameters

Chromaticity Coordinate: $x=0.6929$ $y=0.3066$ $u'=0.5236$ $v'=0.5213$

CCT=1001K (Duv=-0.0760) Dominant WL:Ld =620.9nm Purity=99.9%

Peak WL:Lp=630.6nm FWHM=16.3nm

Render Index: Ra=27.0

R1 =8	R2 =78	R3 =32	R4 =0	R5 =2	R6 =89	R7 =7	
R8 =0	R9 =0	R10=71	R11=0	R12=79	R13=30	R14=60	R15=0

Photometric & Radiometric Parameters

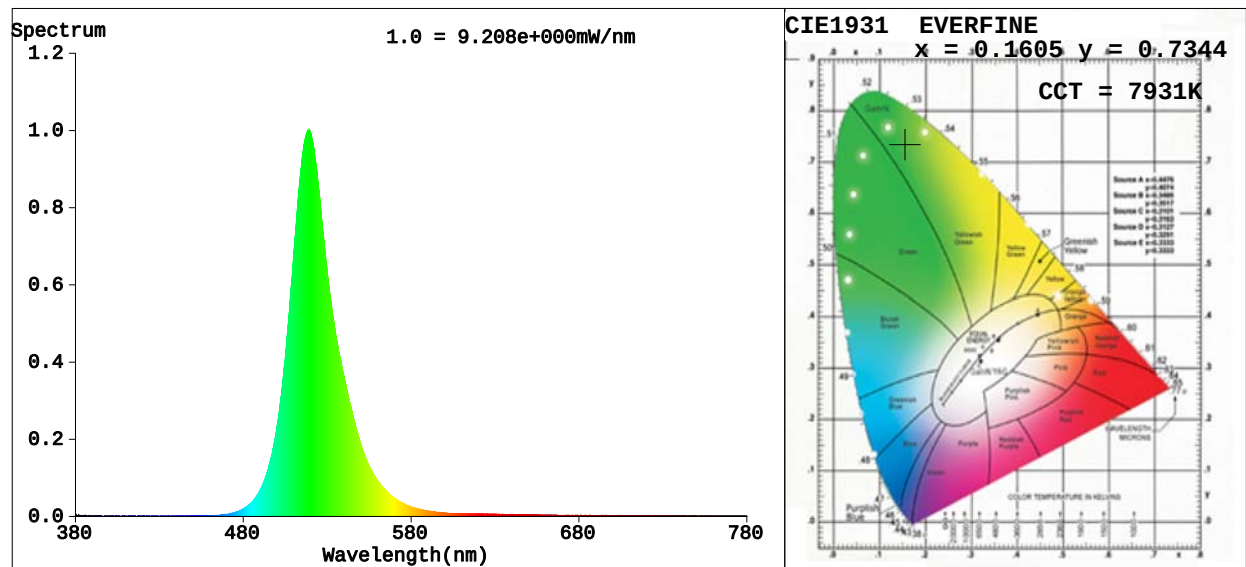
Flux=60.41 lm Eff.:14.01lm/W Fe=295.2 mW Scotopic:3.3372 S/P:0.055244

Electrical parameters

V=24.00 V I=0.1796A P=4.313 W PF=1.000 F=0.00 Hz

Status: Integral T = 309 ms Ip = 52587 (80%)

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



Colorimetric Parameters

Chromaticity Coordinate: $x=0.1605$ $y=0.7344$ $u'=0.0559$ $v'=0.5751$

CCT=7931K (Duv=0.1612) Dominant WL:Ld =526.0nm Purity=81.9%

Peak WL:Lp=519.3nm FWHM=27.3nm

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

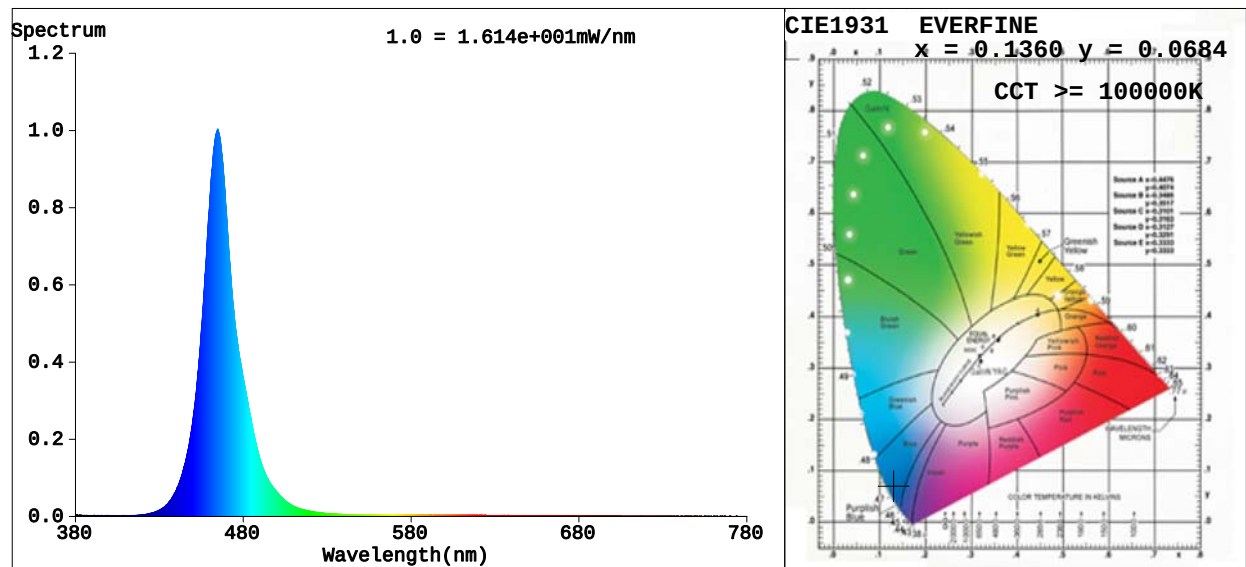
Flux=150.4 lm Eff.:34.87 lm/W Fe=313.0 mW Scotopic:436.67 S/P:2.9033

Electrical parameters

V=24.00 V I=0.1797 A P=4.313 W PF=1.000 F=0.00 Hz

Status: Integral T = 493 ms Ip = 52557 (80%)

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



Colorimetric Parameters

Chromaticity Coordinate: $x=0.1360$ $y=0.0684$ $u'=0.1532$ $v'=0.1734$

$CCT=100000K$ (Duv=0.1528) Dominant WL:Ld =469.3nm Purity=95.1%

Peak WL:Lp=464.8nm FWHM=19.8nm

Render Index: Ra=3.0

R1 =5	R2 =0	R3 =0	R4 =0	R5 =19	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=0	R15=14

Photometric & Radiometric Parameters

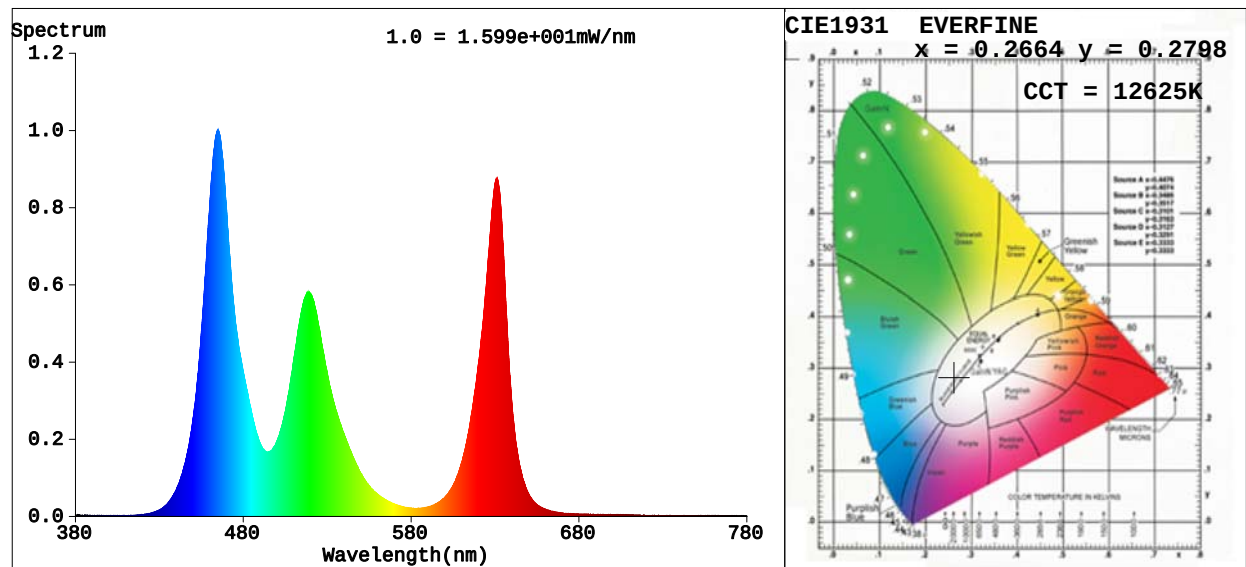
Flux=31.67 lm Eff.:7.3 lm/W Fe=420.8 mW Scotopic:455.72 S/P:14.392

Electrical parameters

V=24.00 V I=0.1807 A P=4.337 W PF=1.000 F=0.00 Hz

Status: Integral T = 405 ms Ip = 52631 (80%)

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



Colorimetric Parameters

Chromaticity Coordinate: $x=0.2664$ $y=0.2798$ $u'=0.1830$ $v'=0.4323$

$CCT=12625K$ ($Duv=0.0047$) Dominant WL:Ld =480.5nm Purity=27.4%

Peak WL:Lp=464.8nm FWHM=20.1nm

Render Index: $Ra=41.8$

R1 =21	R2 =55	R3 =73	R4 =39	R5 =43	R6 =50	R7 =53
R8 =0	R9 =0	R10=0	R11=27	R12=57	R13=26	R14=80
						R15=4

Photometric & Radiometric Parameters

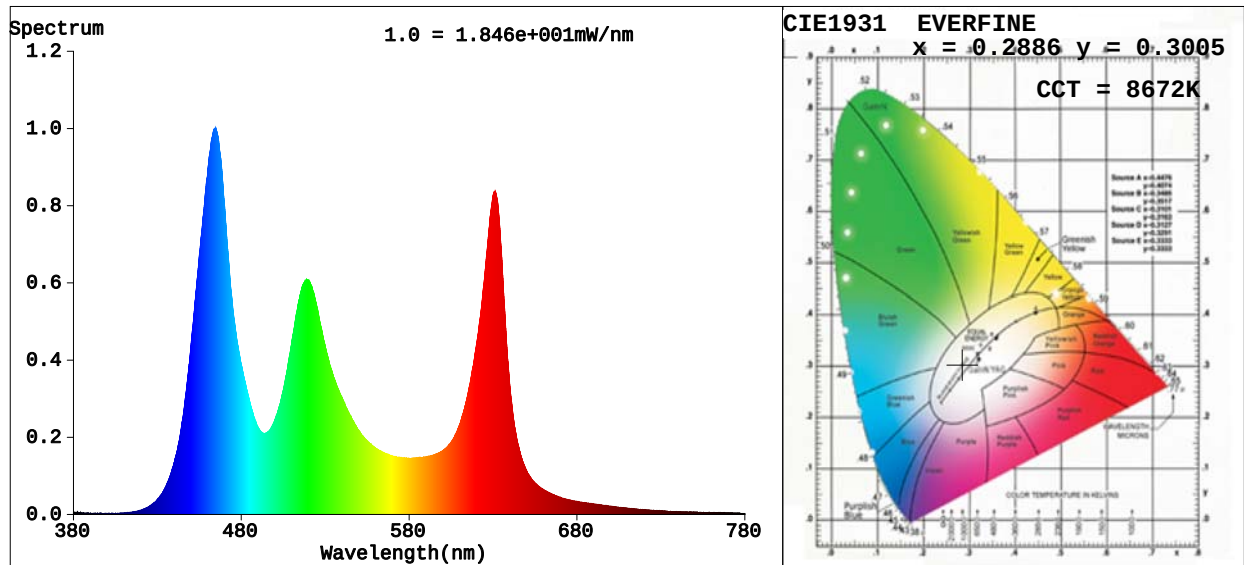
Flux=238.9 lm Eff.:21.75 lm/W Fe=1.017 W Scotopic:888.65 S/P:3.7202

Electrical parameters

V=24.00 V I=0.4576 A P=10.982 W PF=1.000 F=0.00 Hz

Status: Integral T = 318 ms Ip = 52501 (80%)

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



Colorimetric Parameters

Chromaticity Coordinate: $x=0.2886$ $y=0.3005$ $u'=0.1915$ $v'=0.4486$

$\text{CCT}=8672\text{K}$ ($\text{Duv}=0.0016$) Dominant WL:Ld =481.5nm Purity=18.0%

Peak WL:Lp=464.8nm FWHM=24.5nm

Render Index: $R_a=65.3$

R1 =53	R2 =74	R3 =88	R4 =63	R5 =65	R6 =70	R7 =74
R8 =37	R9 =0	R10=43	R11=54	R12=66	R13=56	R14=89
						R15=44

Photometric & Radiometric Parameters

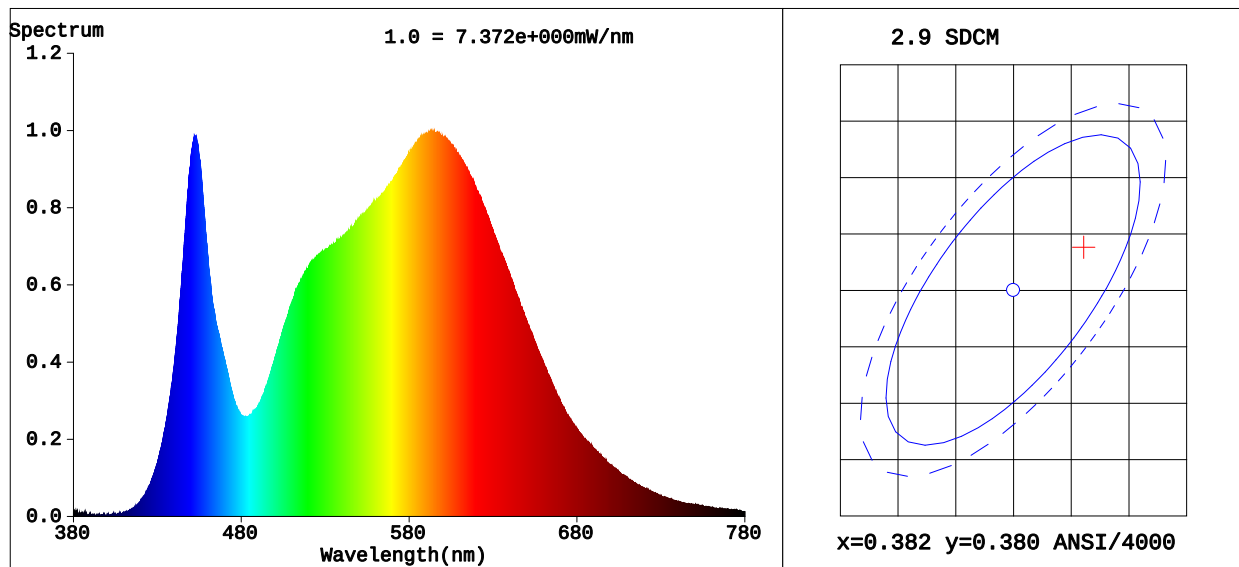
Flux=389.0 lm Eff.:27.28 lm/W Fe=1.501 W Scotopic:1204.4 S/P:3.0964

Electrical parameters

V=24.00 V I=0.5942 A P=14.261 W PF=1.000 F=0.00 Hz

Status: Integral T = 318 ms Ip = 57887 (88%)

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



Colorimetric Parameters

Chromaticity Coordinate: $x=0.3879$ $y=0.3835/u'=0.2273$ $v'=0.5056$

CCT=3854K(Duv=0.0010) Dominant WL:Ld =579.1nm Purity=31.5%

Peak WL:Lp=593.1nm FWHM=144.6nm

Render Index:Ra=82.6

R1 =81	R2 =89	R3 =95	R4 =81	R5 =81	R6 =85	R7 =86	
R8 =63	R9 =6	R10=74	R11=80	R12=61	R13=83	R14=97	R15=74

Photometric & Radiometric Parameters

Flux=153.0 lm Eff.:35.53 lm/W Fe=1.236 W Scotopic:670.52 S/P:1.6326

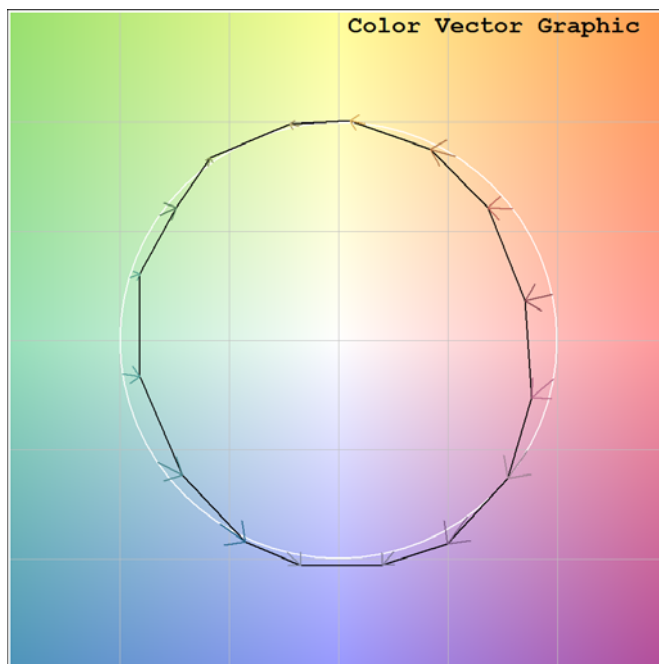
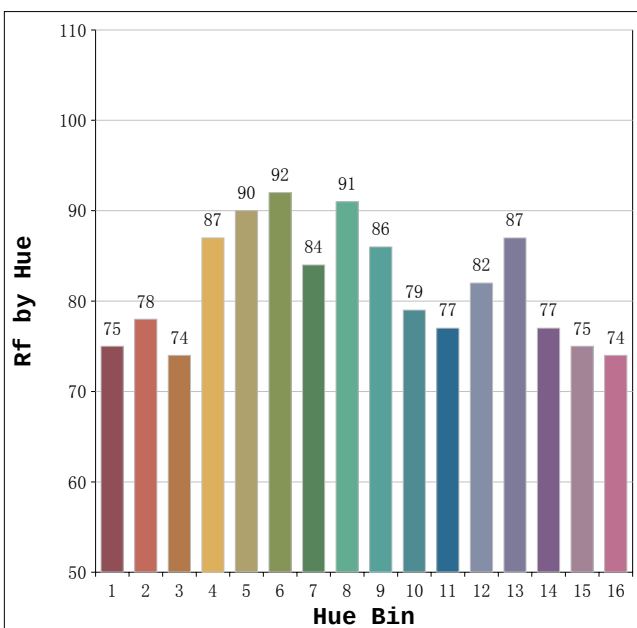
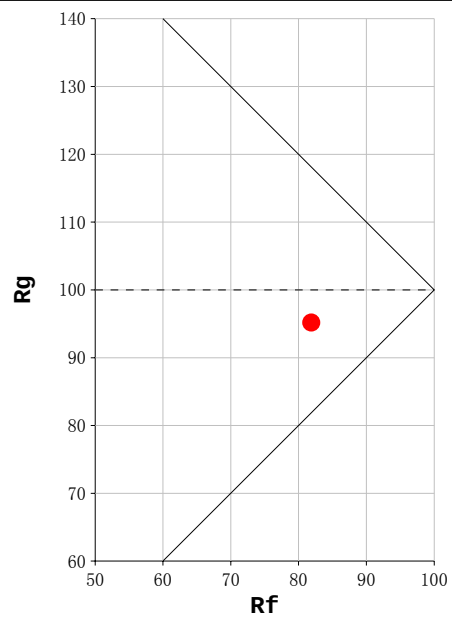
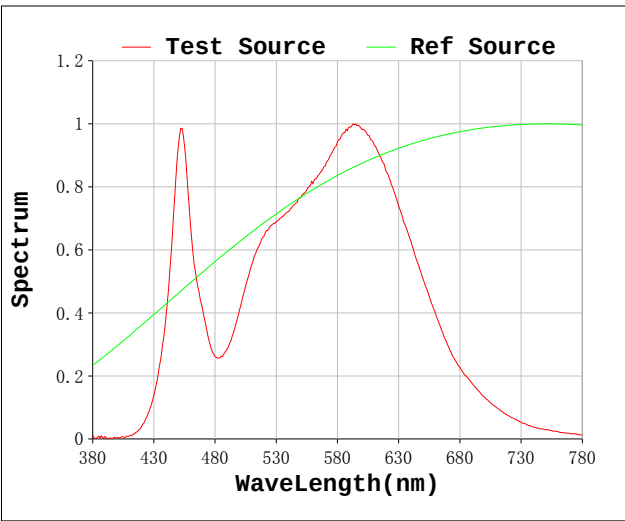
Electrical parameters

V=24.00 V I=0.1794 A P=4.306 W PF=1.000 F=0.00 Hz

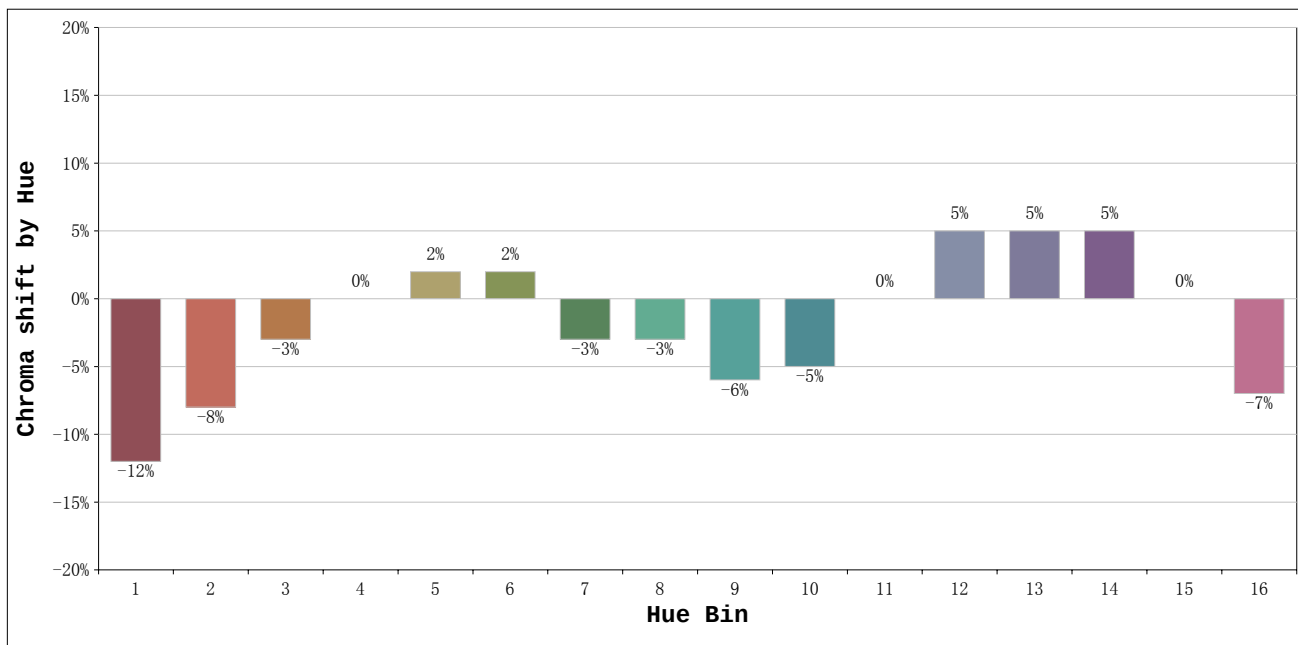
Status: Integral T = 100 ms Ip = 10219 (16%)

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

Rf: 82 **CCT: 3854 K** **u': 0.2273**
Rg: 95 **Duv: 0.0010** **v': 0.5056**



Environmental Lights
888-880-1880



			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0. 0° – 22. 5°	75	-12	0
2	22. 5° – 45. 0°	78	-8	7
3	45. 0° – 67. 5°	74	-3	12
4	67. 5° – 90. 0°	87	0	7
5	90. 0° – 112. 5°	90	2	4
6	112. 5° – 135. 0°	92	2	-2
7	135. 0° – 157. 5°	84	-3	-6
8	157. 5° – 180. 0°	91	-3	-2
9	180. 0° – 202. 5°	86	-6	3
10	202. 5° – 225. 0°	79	-5	11
11	225. 0° – 247. 5°	77	0	14
12	247. 5° – 270. 0°	82	5	7
13	270. 0° – 292. 5°	87	5	-5
14	292. 5° – 315. 0°	77	5	-14
15	315. 0° – 337. 5°	75	0	-14
16	337. 5° – 360. 0°	74	-7	-9

Environmental Lights
888-880-1880