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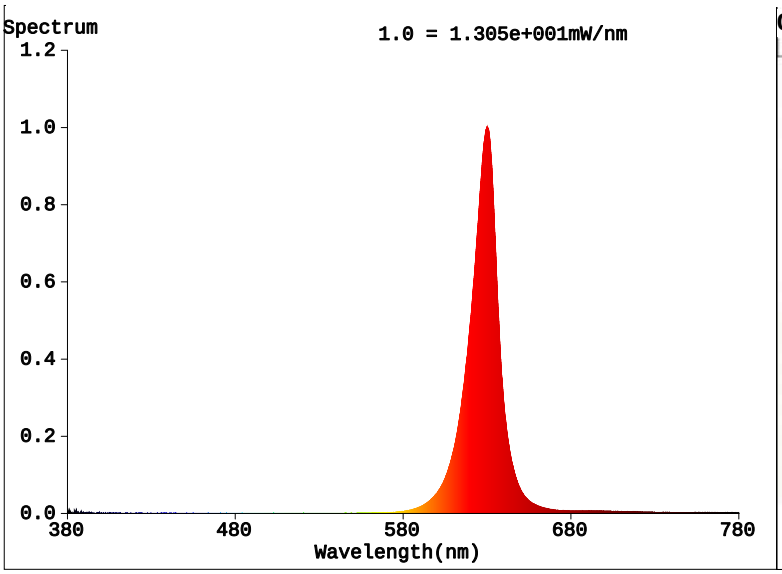
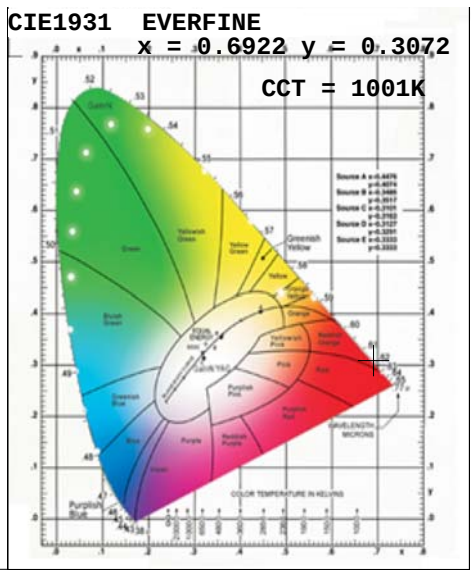
Integrating Sphere Test Report

Eluxtra™ ProFlex PixelControl LED Neon - RGB+3000K

PLN-PF-RGB30K-10m





Colorimetric Parameters

Chromaticity Coordinate:x=0.6922 y=0.3072/u'=0.5222 v'=0.5215

CCT=1001K(Duv=-0.0746) Dominant WL:Ld =620.6nm Purity=99.9%

Peak WL:Lp=630.1nm FWHM=16.7nm

Render Index:Ra=27.2

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=60	R15=0

Photometric & Radiometric Parameters

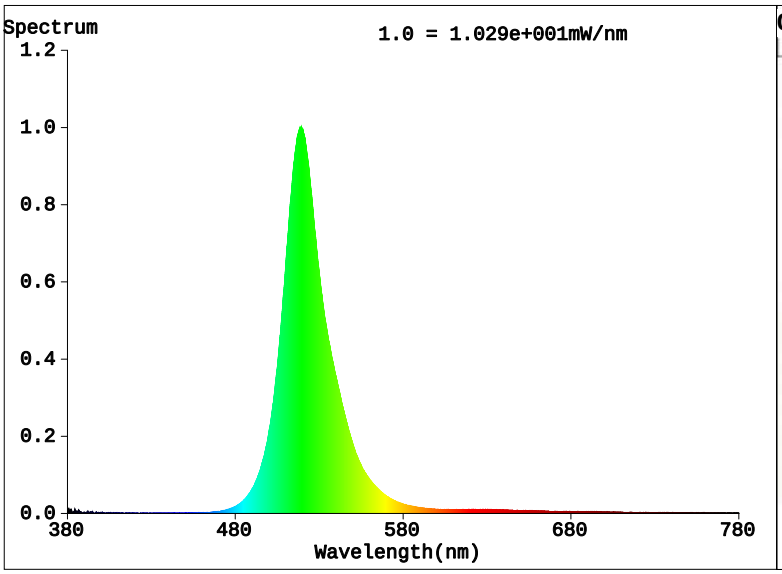
Flux=56.61 lm Eff.:13.00 lm/W Fe=276.3 mW

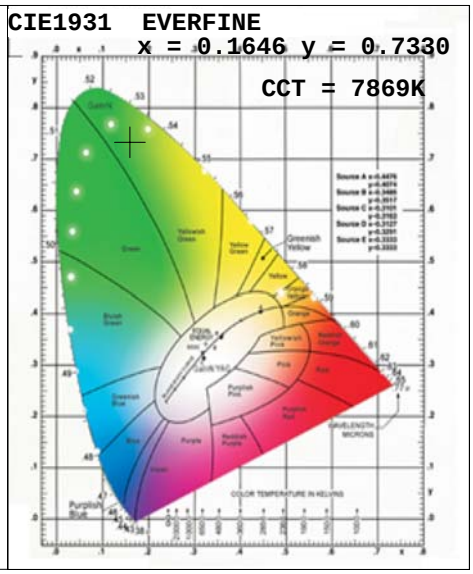
Electrical parameters

V=24.00 V I=0.1814 A P=4.353 W PF=1.000 F=0.00 Hz

Status: Integral T = 286 ms Ip = 53270 (81%)

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





Colorimetric Parameters

Chromaticity Coordinate:x=0.1646 y=0.7330/u'=0.0574 v'=0.5753

CCT=7869K(Duv=0.1599) Dominant WL:Ld =526.7nm Purity=82.1%

Peak WL:Lp=519.2nm FWHM=26.1nm

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

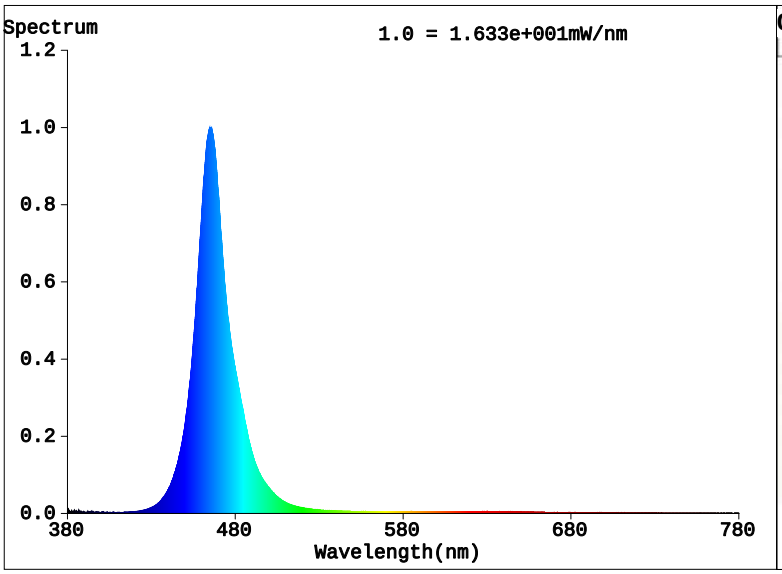
Flux=164.7 lm Eff.:37.86 lm/W Fe=344.7 mW

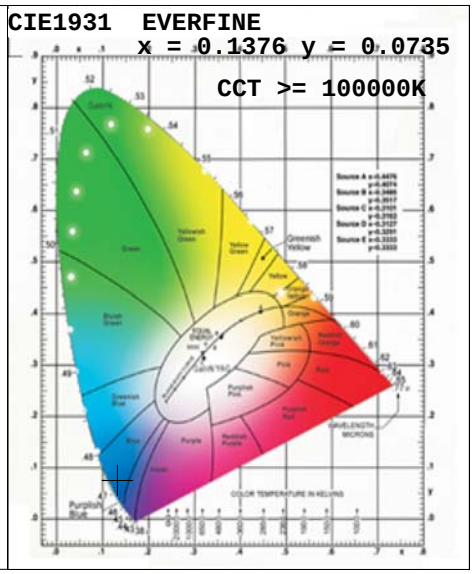
Electrical parameters

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

Status: Integral T = 371 ms Ip = 53192 (81%)

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





Colorimetric Parameters

Chromaticity Coordinate:x=0.1376 y=0.0735/u'=0.1526 v'=0.1834

CCT=100000K(Duv=-0.1464) Dominant WL:Ld =469.7nm Purity=93.9%

Peak WL:Lp=465.8nm FWHM=19.9nm

Render Index:Ra=6.3

R1 =20	R2 =0	R3 =0	R4 =0	R5 =30	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=1	R14=0	R15=25

Photometric & Radiometric Parameters

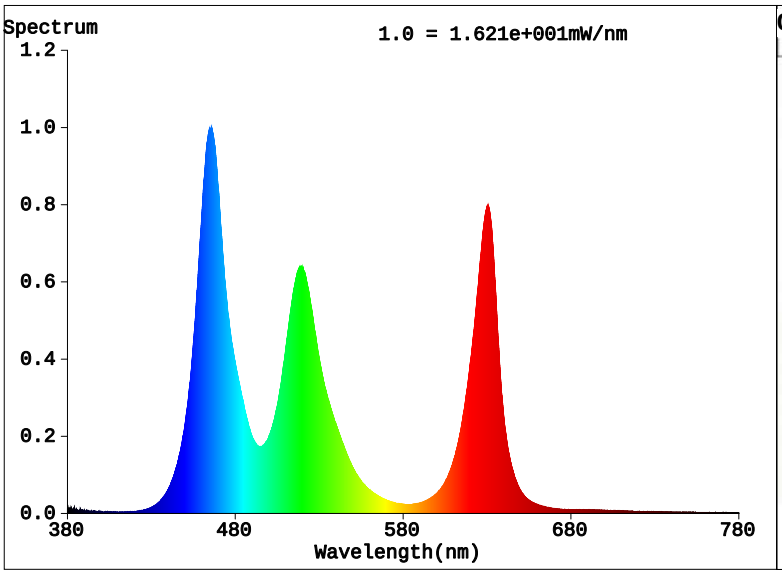
Flux=34.29 lm Eff.:7.85 lm/W Fe=432.1 mW

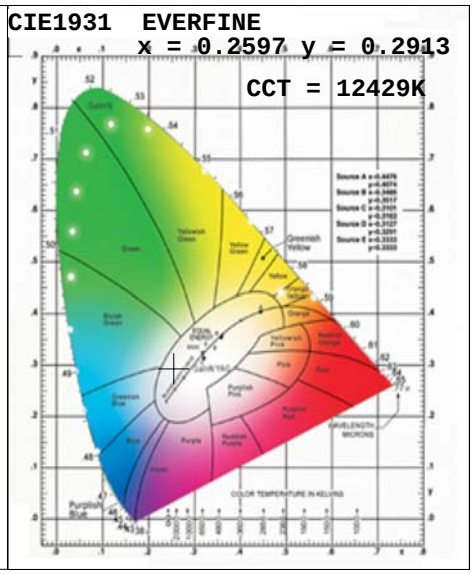
Electrical parameters

V=24.00 V I=0.1821 A P=4.370 W PF=1.000 F=0.00 Hz

Status: Integral T = 371 ms Ip = 58242 (89%)

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





Colorimetric Parameters

Chromaticity Coordinate:x=0.2597 y=0.2913/u'=0.1739 v'=0.4387

CCT=12429K(Duv=0.0147) Dominant WL:Ld =484.0nm Purity=28.3%

Peak WL:Lp=465.8nm FWHM=20.1nm

Render Index:Ra=50.5

R1 =37	R2 =64	R3 =74	R4 =54	R5 =57	R6 =58	R7 =56	
R8 =5	R9 =0	R10=14	R11=44	R12=65	R13=40	R14=81	R15=21

Photometric & Radiometric Parameters

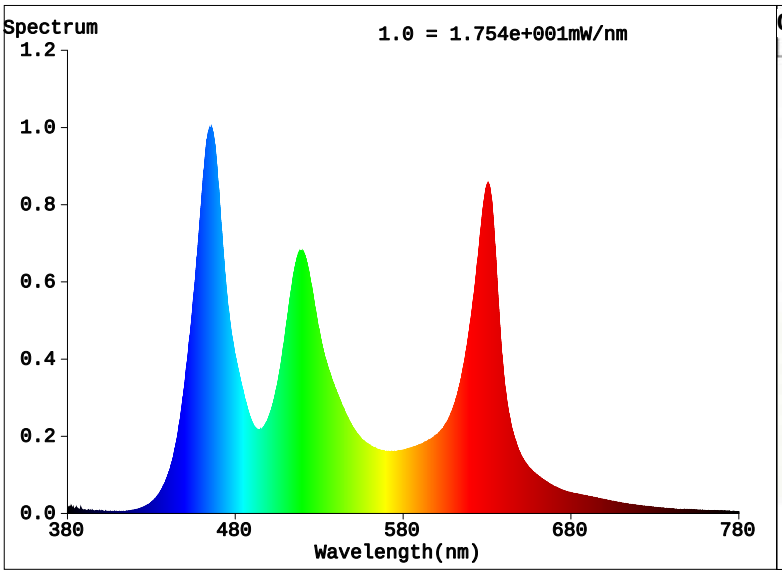
Flux=252.3 lm Eff.:22.68 lm/W Fe=1.042 W

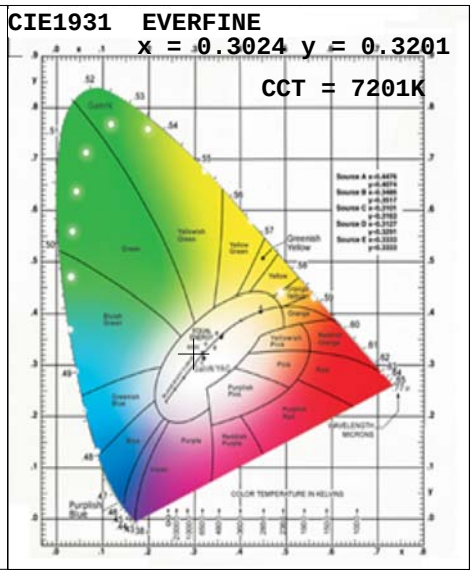
Electrical parameters

V=24.00 V I=0.4636 A P=11.13 W PF=1.000 F=0.00 Hz

Status: Integral T = 300 ms Ip = 55247 (84%)

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





Colorimetric Parameters

Chromaticity Coordinate:x=0.3024 y=0.3201/u'=0.1940 v'=0.4620

CCT=7201K(Duv=0.0040) Dominant WL:Ld =486.0nm Purity=11.5%

Peak WL:Lp=465.8nm FWHM=22.7nm

Render Index:Ra=65.5

R1 =54	R2 =74	R3 =87	R4 =63	R5 =64	R6 =68	R7 =74	
R8 =40	R9 =0	R10=42	R11=53	R12=66	R13=57	R14=90	R15=48

Photometric & Radiometric Parameters

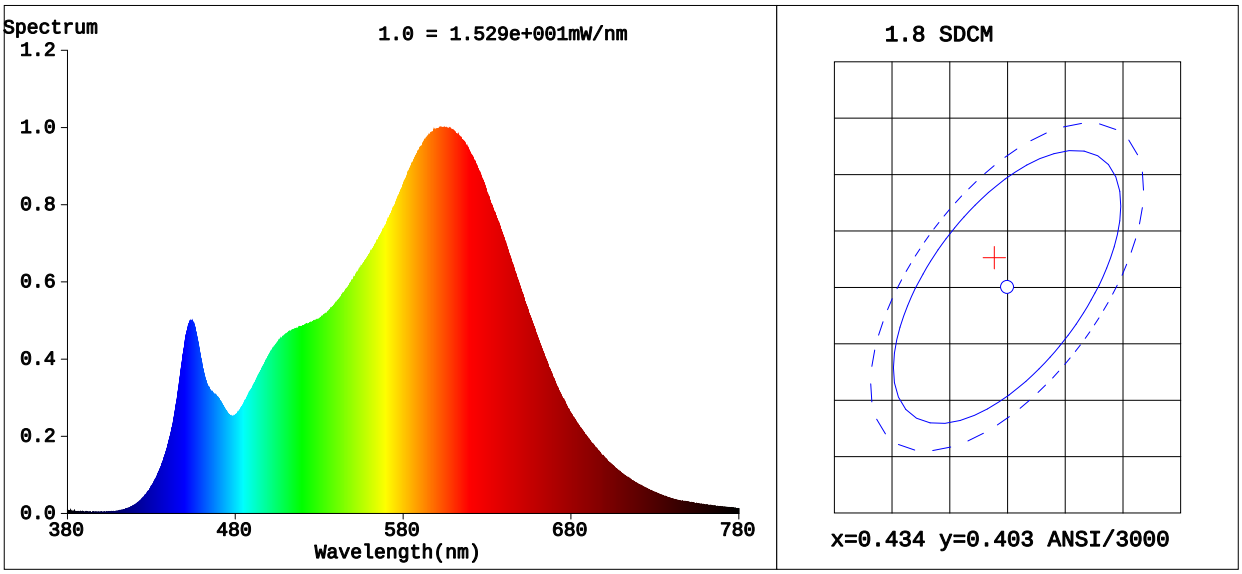
Flux=400.6 lm Eff.:27.76 lm/W Fe=1.509 W

Electrical parameters

V=24.00 V I=0.6012 A P=14.43 W PF=1.000 F=0.00 Hz

Status: Integral T = 247 ms Ip = 52723 (80%)

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



Colorimetric Parameters

Chromaticity Coordinate:x=0.4328 y=0.4059/u'=0.2471 v'=0.5215

CCT=3086K(Duv=0.0013) Dominant WL:Ld =582.0nm Purity=51.7%

Peak WL:Lp=602.5nm FWHM=128.5nm

Render Index:Ra=85.3

R1 =85	R2 =95	R3 =94	R4 =84	R5 =86	R6 =95	R7 =83	
R8 =62	R9 =15	R10=88	R11=85	R12=79	R13=87	R14=97	R15=76

Photometric & Radiometric Parameters

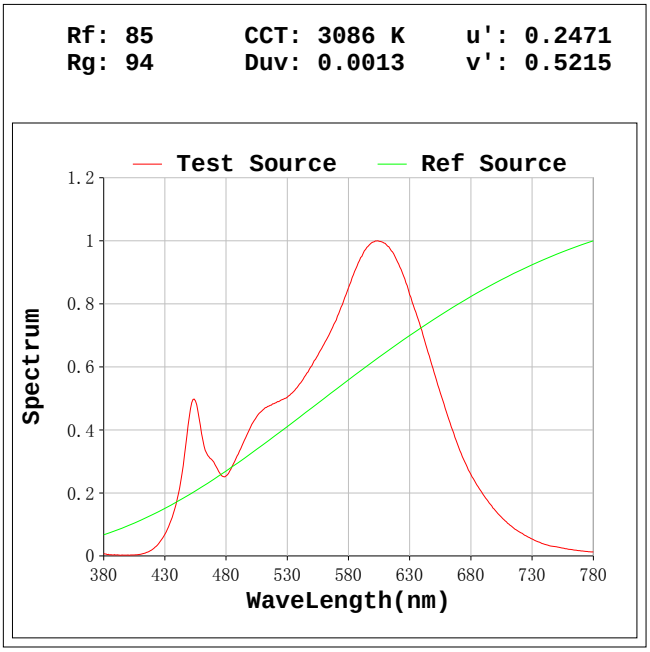
Flux=152.0 lm Eff.:35.34 lm/W Fe=2.294 W Scotopic:1082.1 S/P:1.437

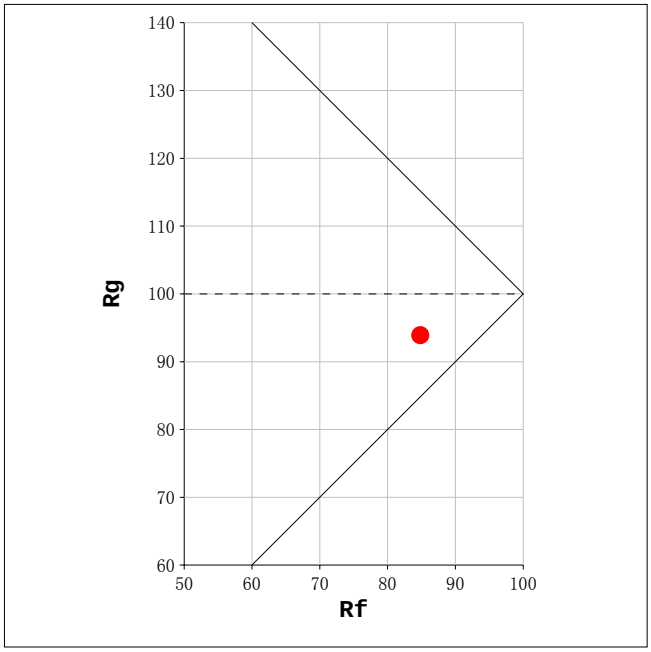
Electrical parameters

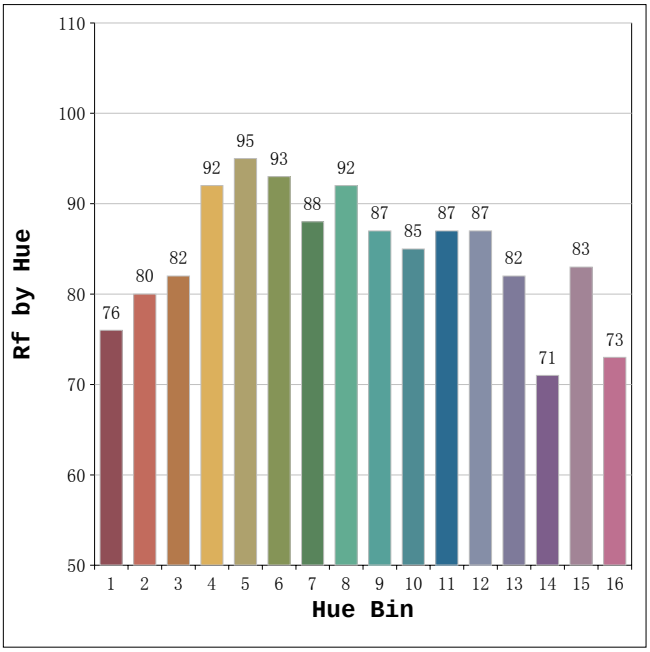
V=24.00 V I=0.1792 A P=4.301 W PF=1.000 F=0.00 Hz

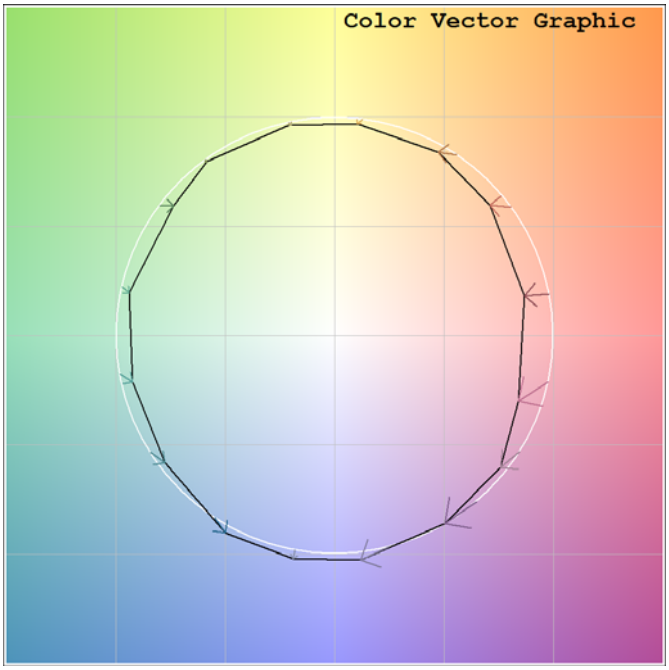
Status: Integral T = 251 ms Ip = 51651 (79%)

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









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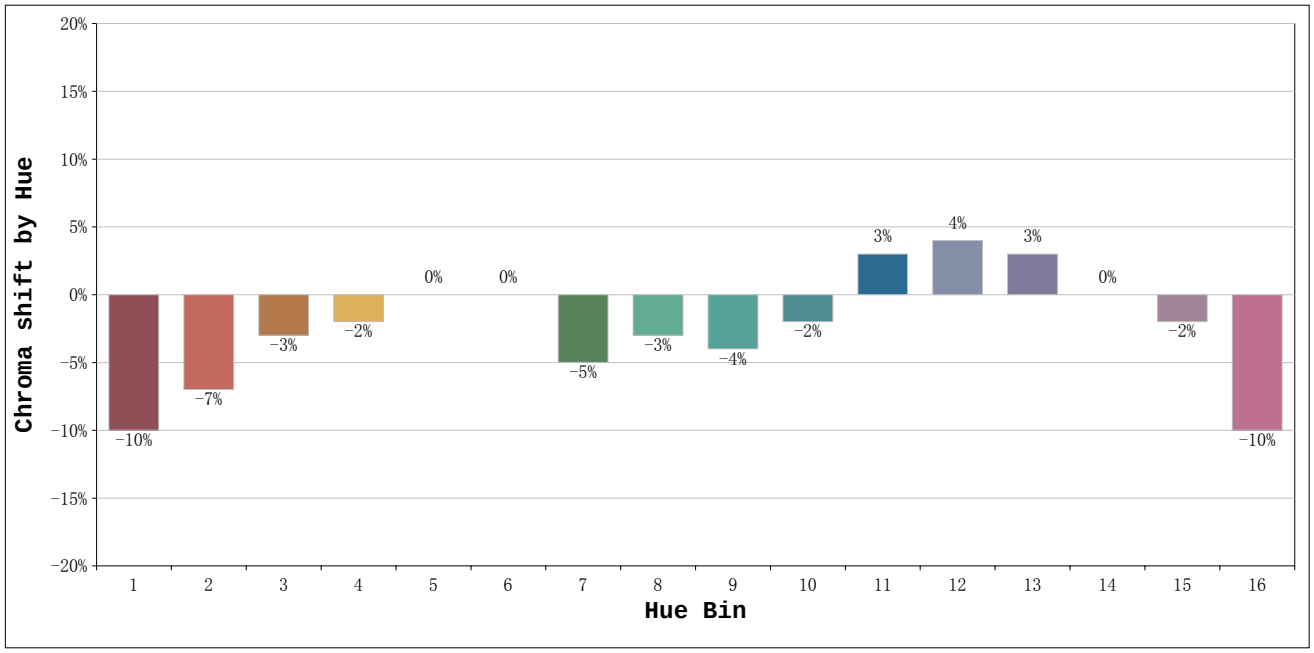

			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° - 22.5°	76	−10	1
2	22.5° - 45.0°	80	−7	6
3	45.0° - 67.5°	82	−3	8
4	67.5° - 90.0°	92	−2	2
5	90.0° - 112.5°	95	0	1
6	112.5° - 135.0°	93	0	0
7	135.0° - 157.5°	88	−5	−2
8	157.5° - 180.0°	92	−3	2
9	180.0° - 202.5°	87	−4	5
10	202.5° - 225.0°	85	−2	8
11	225.0° - 247.5°	87	3	8
12	247.5° - 270.0°	87	4	0
13	270.0° - 292.5°	82	3	−13
14	292.5° - 315.0°	71	0	−17
15	315.0° - 337.5°	83	−2	−10
16	337.5° - 360.0°	73	−10	−10

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