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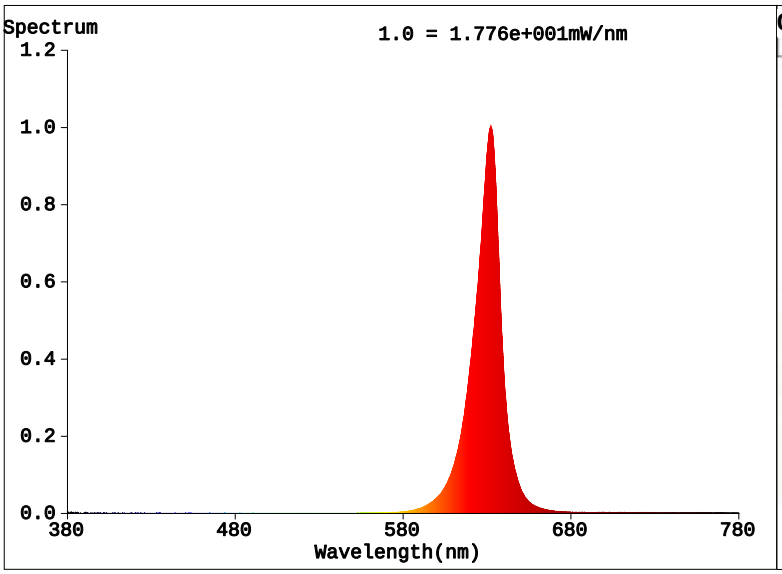
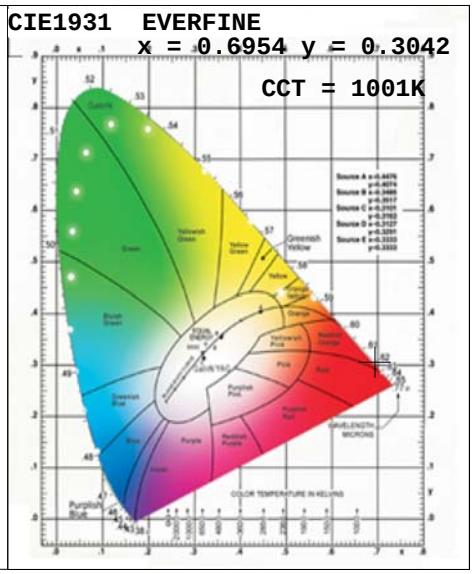
Integrating Sphere Test Report

Eluxtra™ ProFlex PixelControl Wide Top LED Neon - RGB+4000K

PLNW-PF-RGB40K-10M





Colorimetric Parameters

Chromaticity Coordinate:x=0.6954 y=0.3042/u'=0.5289 v'=0.5205

CCT=1001K(Duv=-0.0814) Dominant WL:Ld =622.3nm Purity=99.9%

Peak WL:Lp=632.2nm FWHM=15.7nm

Render Index:Ra=27.0

R1 =7	R2 =78	R3 =32	R4 =0	R5 =2	R6 =89	R7 =7	
R8 =0	R9 =0	R10=72	R11=0	R12=79	R13=30	R14=60	R15=0

Photometric & Radiometric Parameters

Flux=68.29 lm Eff.:18.84 lm/W Fe=349.8 mW Scotopic:3.5795 S/P:0.05242

Electrical parameters

V=24.00 V I=0.1510 A P=3.624 W PF=1.000 F=0.00 Hz

Status: Integral T = 238 ms Ip = 52401 (80%)

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

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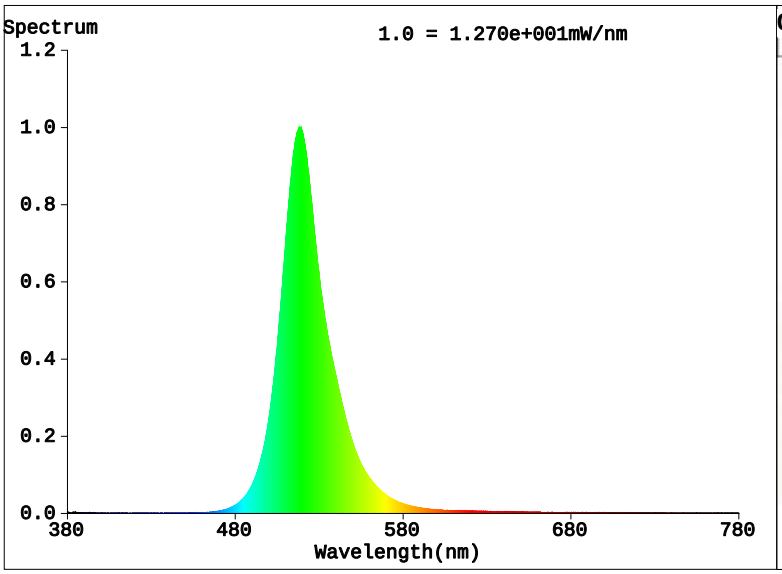
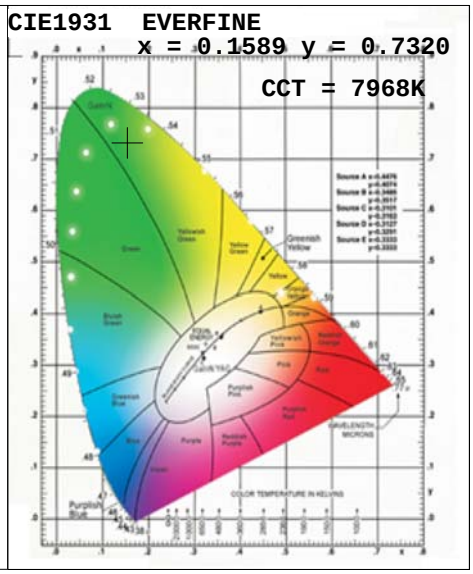




Colorimetric Parameters

Chromaticity Coordinate:x=0.1589 y=0.7320/u'=0.0554 v'=0.5746

CCT=7968K(Duv=0.1613) Dominant WL:Ld =525.5nm Purity=81.2%

Peak WL:Lp=518.5nm FWHM=27.4nm

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=35	R15=0

Photometric & Radiometric Parameters

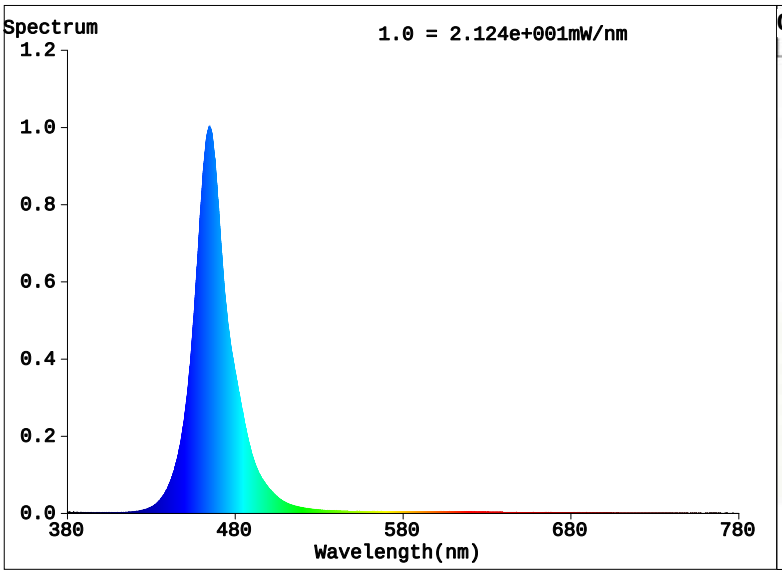
Flux=206.6 lm Eff.:49.02 lm/W Fe=433.6 mW Scotopic:607.27 S/P:2.9397

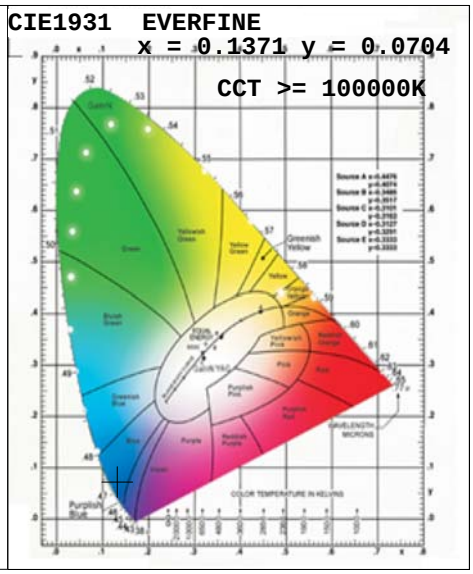
Electrical parameters

V=24.00 V I=0.1756 A P=4.214 W PF=1.000 F=0.00 Hz

Status: Integral T = 337 ms Ip = 52612 (80%)

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





Colorimetric Parameters

Chromaticity Coordinate:x=0.1371 y=0.0704/u'=0.1536 v'=0.1774

CCT=100000K(Duv=0.1501) Dominant WL:Ld =469.4nm Purity=94.5%

Peak WL:Lp=464.5nm FWHM=20.3nm

Render Index:Ra=4.5

R1 =12	R2 =0	R3 =0	R4 =0	R5 =24	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=0	R15=18

Photometric & Radiometric Parameters

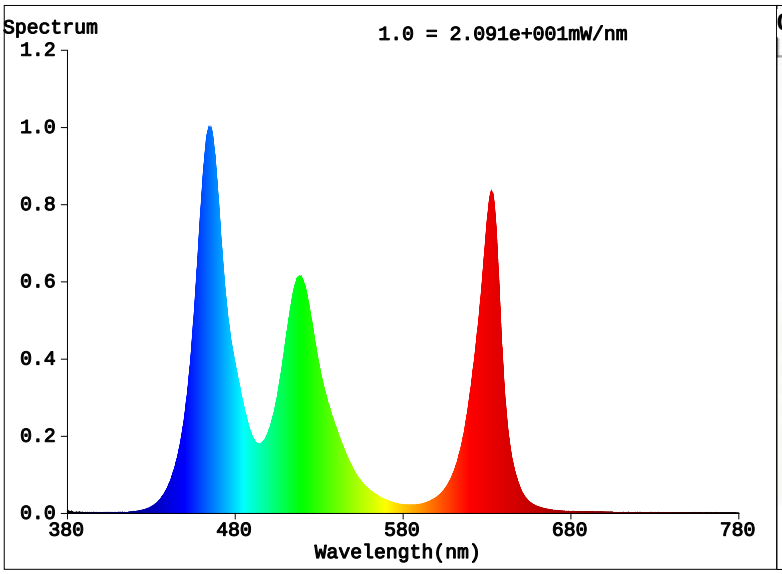
Flux=43.57 lm Eff.:10.41 lm/W Fe=563.3 mW Scotopic:609.36 S/P:13.984

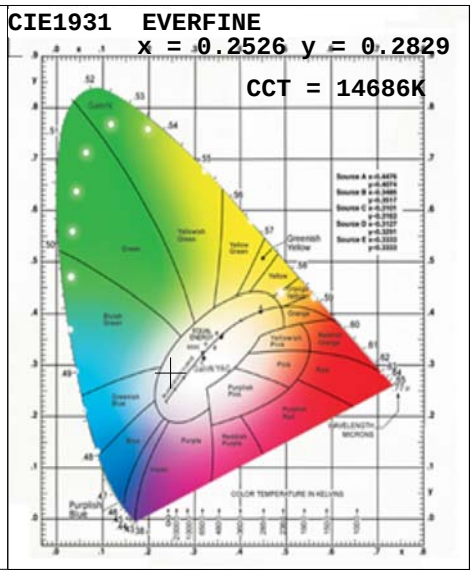
Electrical parameters

V=24.00 V I=0.1745 A P=4.187 W PF=1.000 F=0.00 Hz

Status: Integral T = 287 ms Ip = 52666 (80%)

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





Colorimetric Parameters

Chromaticity Coordinate:x=0.2526 y=0.2829/u'=0.1715 v'=0.4323

CCT=14686K(Duv=0.0153) Dominant WL:Ld =483.2nm Purity=31.5%

Peak WL:Lp=464.5nm FWHM=20.6nm

Render Index:Ra=50.4

R1 =38	R2 =63	R3 =73	R4 =56	R5 =58	R6 =59	R7 =56	
R8 =1	R9 =0	R10=12	R11=46	R12=65	R13=41	R14=81	R15=20

Photometric & Radiometric Parameters

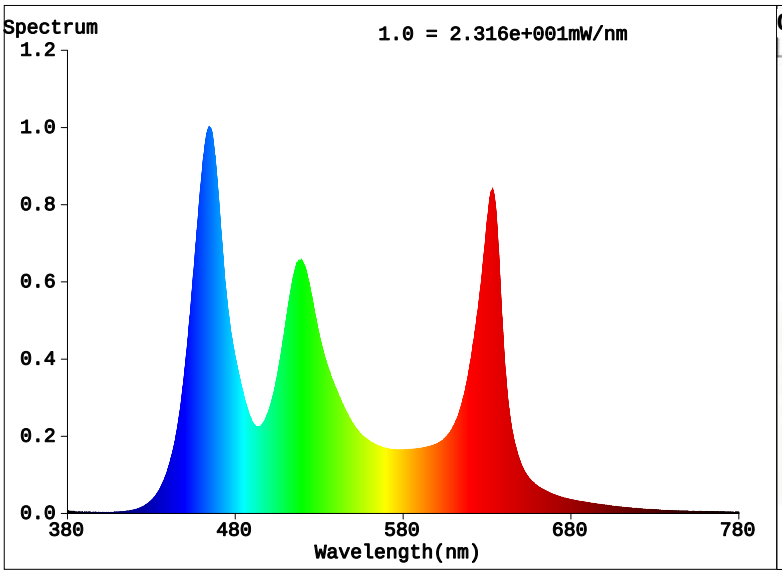
Flux=314.8 lm Eff.:26.27 lm/W Fe=1.334 W Scotopic:1210.8 S/P:3.846

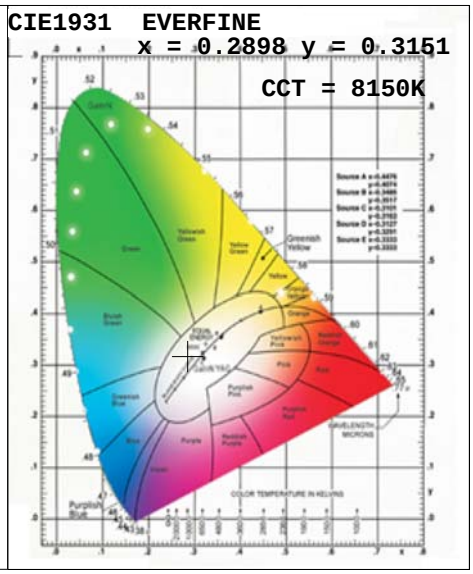
Electrical parameters

V=24.00 V I=0.4995 A P=11.99 W PF=1.000 F=0.00 Hz

Status: Integral T = 271 ms Ip = 58560 (89%)

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





Colorimetric Parameters

Chromaticity Coordinate:x=0.2898 y=0.3151/u'=0.1869 v'=0.4573

CCT=8150K(Duv=0.0084) Dominant WL:Ld =486.2nm Purity=16.1%

Peak WL:Lp=464.5nm FWHM=23.6nm

Render Index:Ra=70.8

R1 =62	R2 =79	R3 =88	R4 =71	R5 =72	R6 =74	R7 =75	
R8 =45	R9 =0	R10=51	R11=63	R12=69	R13=64	R14=90	R15=55

Photometric & Radiometric Parameters

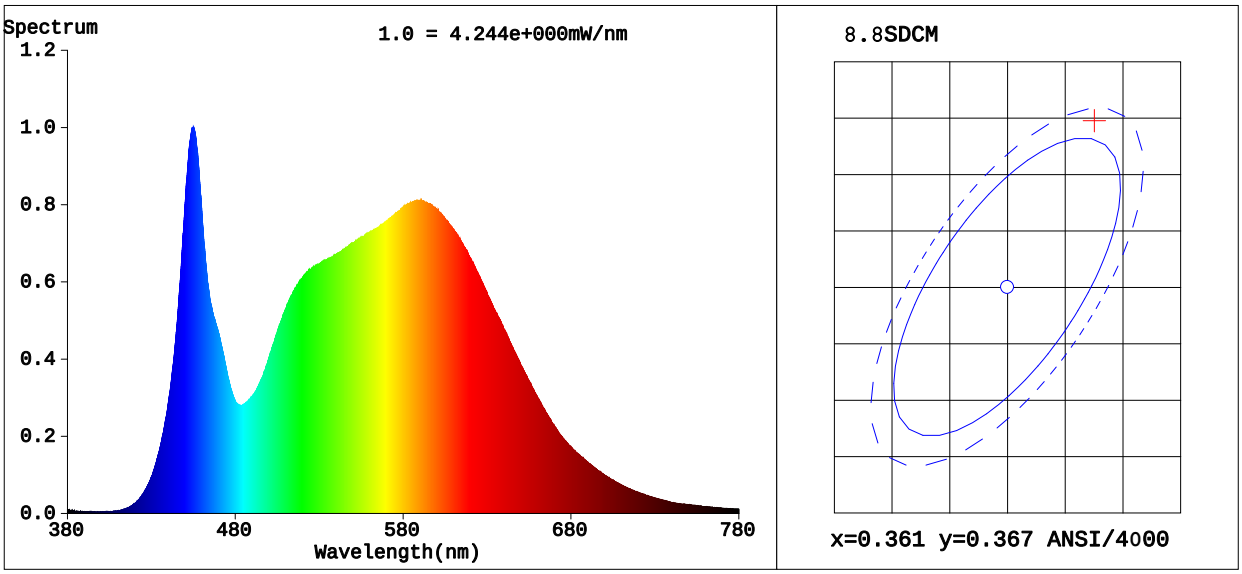
Flux=516.3 lm Eff.:32.66 lm/W Fe=1.935 W Scotopic:1570.3 S/P:3.0416

Electrical parameters

V=24.00 V I=0.6588 A P=15.81 W PF=1.000 F=0.00 Hz

Status: Integral T = 219 ms Ip = 52570 (80%)

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



Colorimetric Parameters

Chromaticity Coordinate:x=0.3689 y=0.3818/u'=0.2156 v'=0.5021

CCT=4358K(Duv=0.0059) Dominant WL:Ld =574.3nm Purity=25.3%

Peak WL:Lp=455.1nm FWHM=22.4nm

Render Index:Ra=81.9

R1 =79	R2 =88	R3 =95	R4 =79	R5 =79	R6 =84	R7 =87	
R8 =63	R9 =1	R10=72	R11=78	R12=54	R13=82	R14=98	R15=72

Photometric & Radiometric Parameters

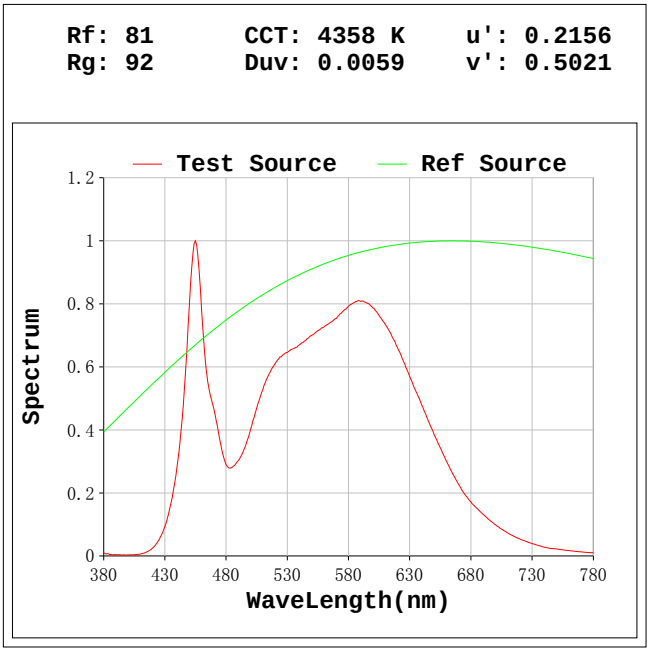
Flux=206.5 lm Eff.:53.68 lm/W Fe=615.9 mW Scotopic:369.83 S/P:1.7912

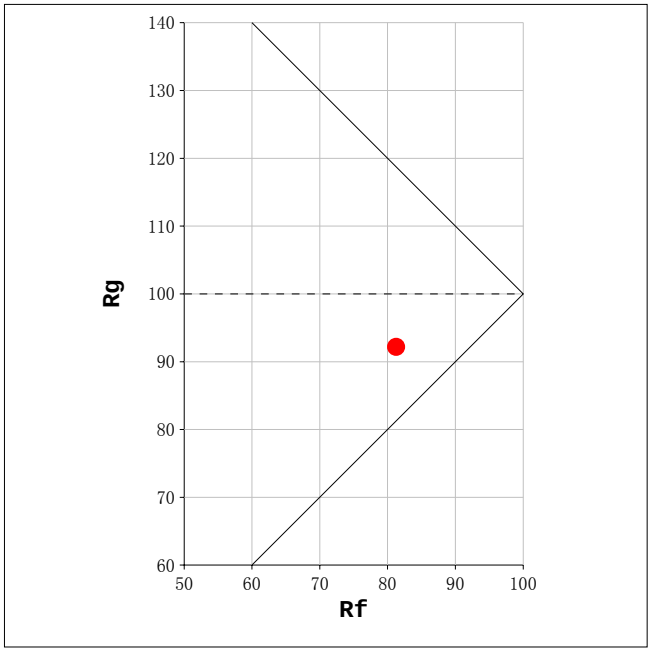
Electrical parameters

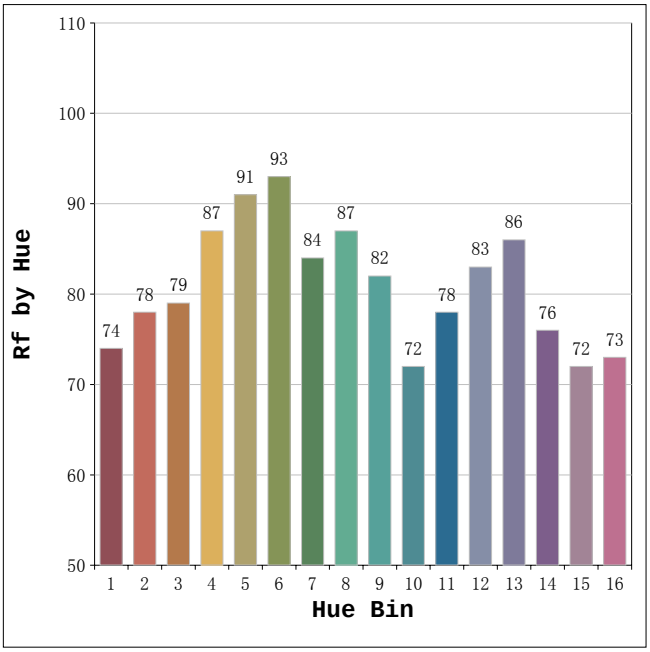
V=24.00 V I=0.1603 A P=3.847 W PF=1.000 F=0.00 Hz

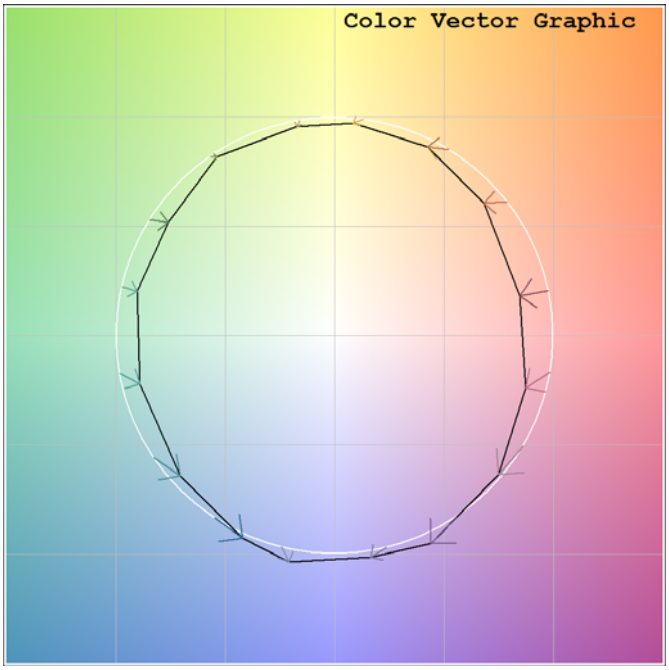
Status: Integral T = 1087 ms Ip = 51172 (78%)

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









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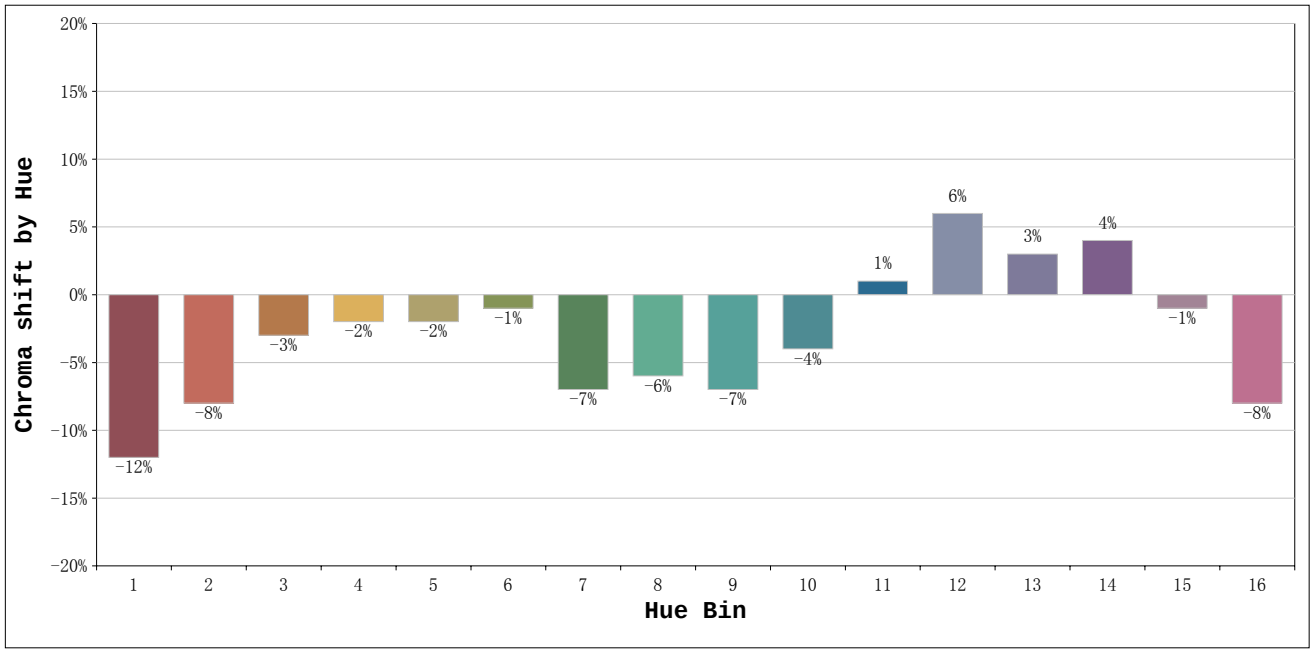

			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0° - 22.5°	74	-12	0
2	22.5° - 45.0°	78	-8	6
3	45.0° - 67.5°	79	-3	9
4	67.5° - 90.0°	87	-2	4
5	90.0° - 112.5°	91	-2	2
6	112.5° - 135.0°	93	-1	-1
7	135.0° - 157.5°	84	-7	-3
8	157.5° - 180.0°	87	-6	1
9	180.0° - 202.5°	82	-7	7
10	202.5° - 225.0°	72	-4	14
11	225.0° - 247.5°	78	1	16
12	247.5° - 270.0°	83	6	5
13	270.0° - 292.5°	86	3	-7
14	292.5° - 315.0°	76	4	-15
15	315.0° - 337.5°	72	-1	-16
16	337.5° - 360.0°	73	-8	-8

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