

LED Test Report

Product Mark

Product Type : OR40s-F52-X240DF2-20

Temperature : 'C

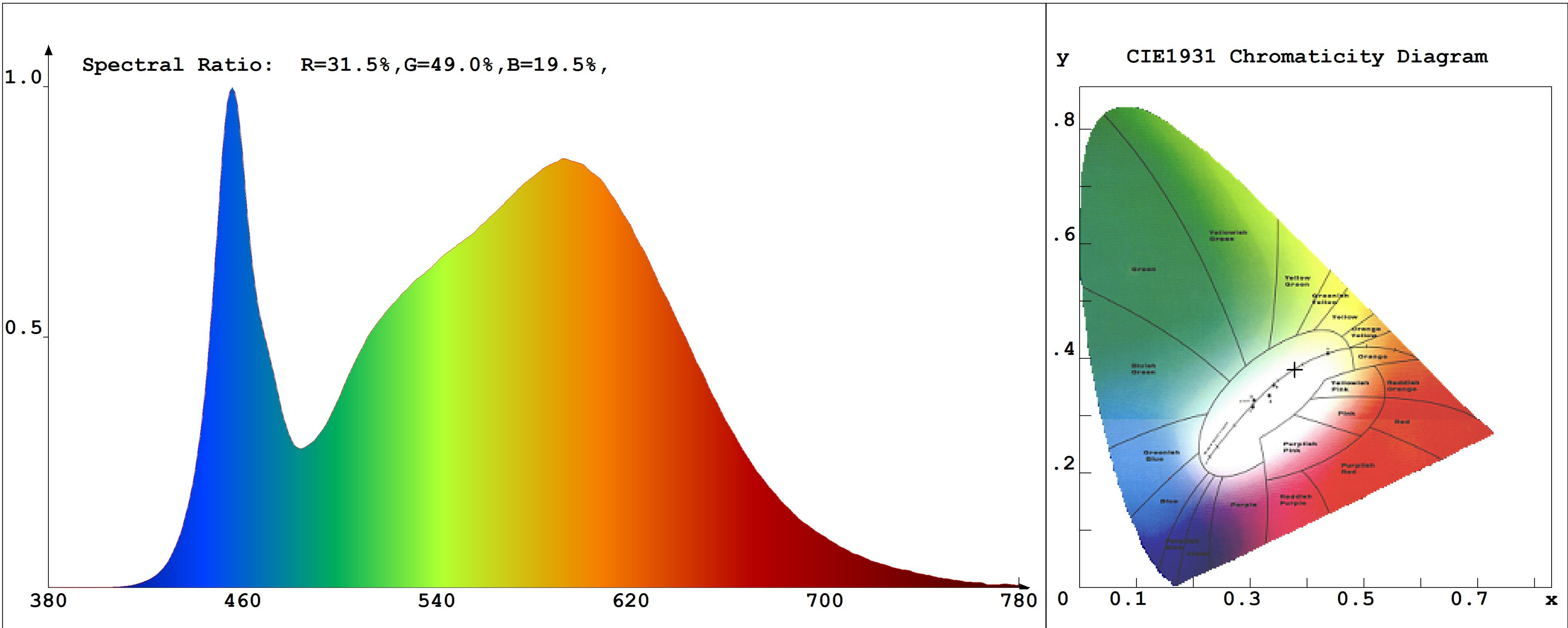
Operator : -

Remark:

Manufacturer : -

Humidity : -%

Test Date : 2023-06-20



Chroma Parameters

Chro.Coor.:x=0.3784 y=0.3806 u=0.2222 v=0.3353 duv=0.0024
CCT: 4084K Dominant Wave.:577.5nm Purity:27.8% Centre Wave:457.1nm
Flux RGB Ratio:R=17.0%,G=80.2%,B=2.8% Peak Wave:454.8nm Half Width:22.5nm

Rendering Index:Ra= 82.1 CRI= 78.1

R1 =80	R2 =90	R3 =96	R4 =79	R5 =80	R6 =86	R7 =85	R8 =62
R9 =3	R10=75	R11=77	R12=57	R13=83	R14=98	R15=74	
PPF:34.747umol/s (400-700nm)				PRF:7.4mW (400-700nm)		PAR:6.4mW (400-700nm)	

Photo Parameters

Flux:2777.17lm	Effi.:154.2lm/W	Radiant:7572.4mW	Iv:0.0mcd
Scotopic Flux:4786.5Plm	Effi.:0.0Plm/W	S/P:1.7	
Efficiency:0.00	Effi Level:A++ (EU 874-2012) Photon Flux:35585.102umol/s (380-780nm)		

Ele. Parameters

Forward Current:If=747.0mA	Reverse Voltage:Vr=5.00V
Forward Voltage:Vf=24.11V	Reverse Current:Ir=0.00uA
Power:P=18.021W	

Instrument state

Instrument:Lisun LMS-8000	Integral Time: 59.129ms	VPeak: 15624
VDark: 1351	Scan Range: 380-780nm	Product ID: 201508924

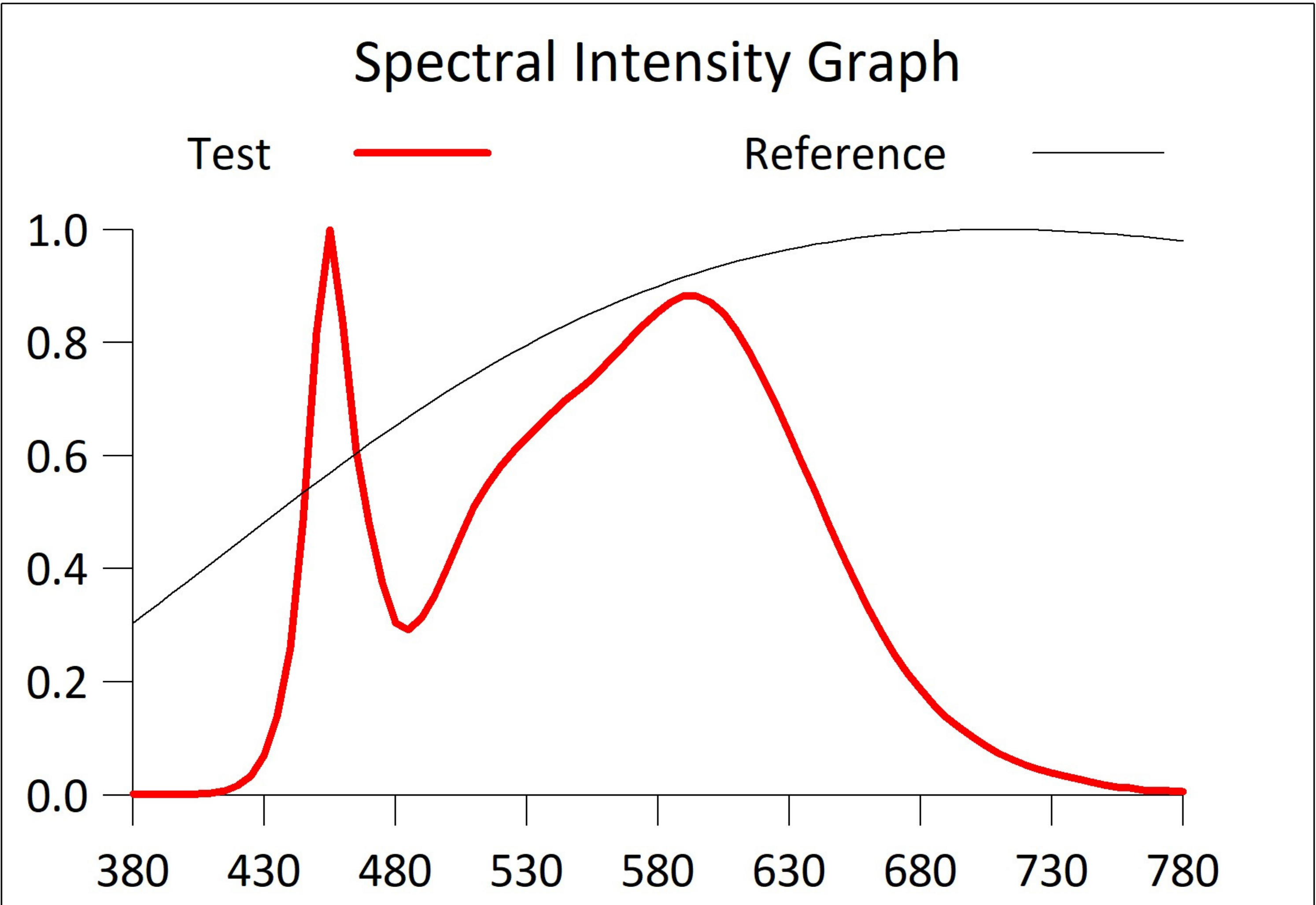
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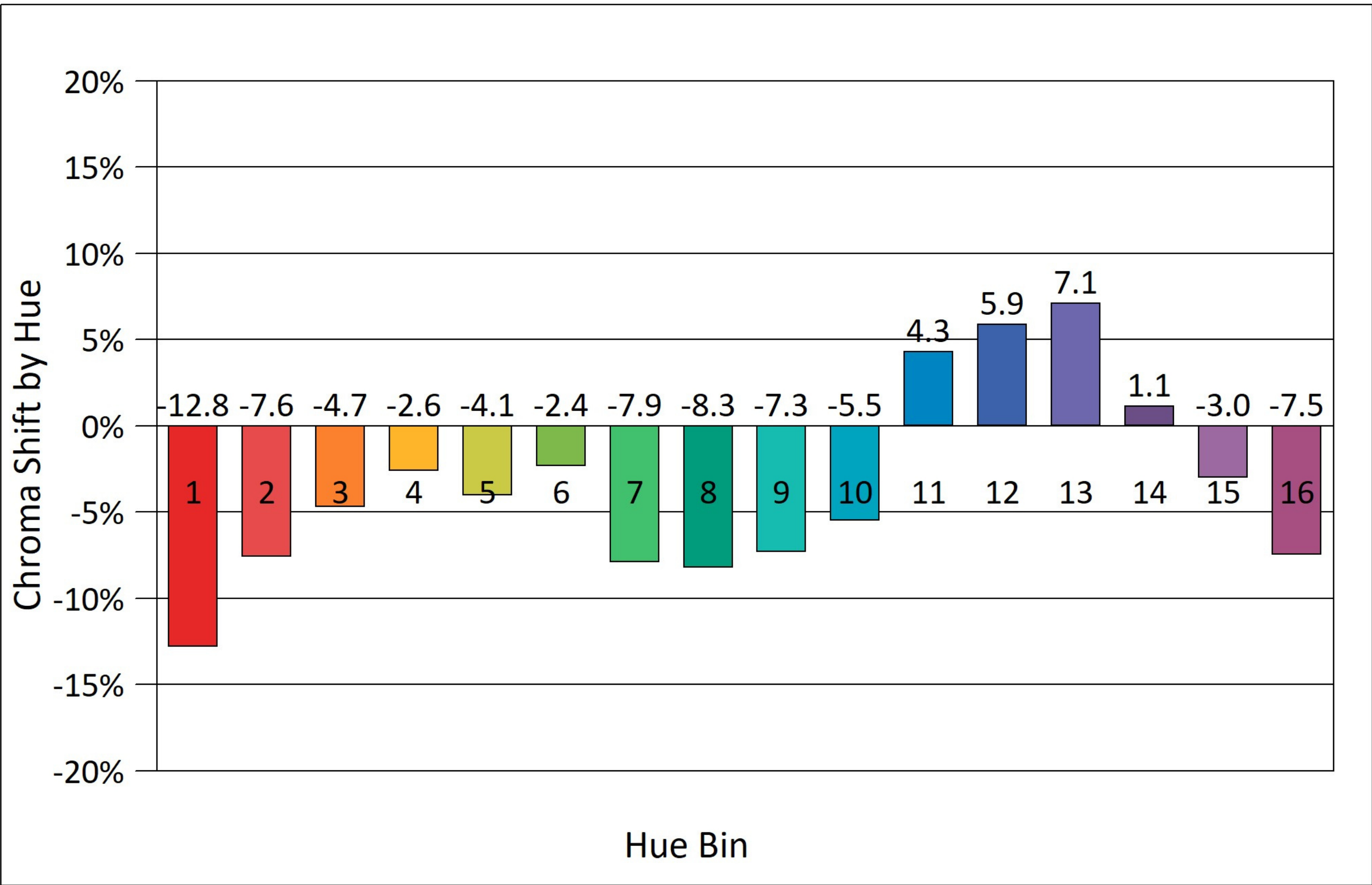
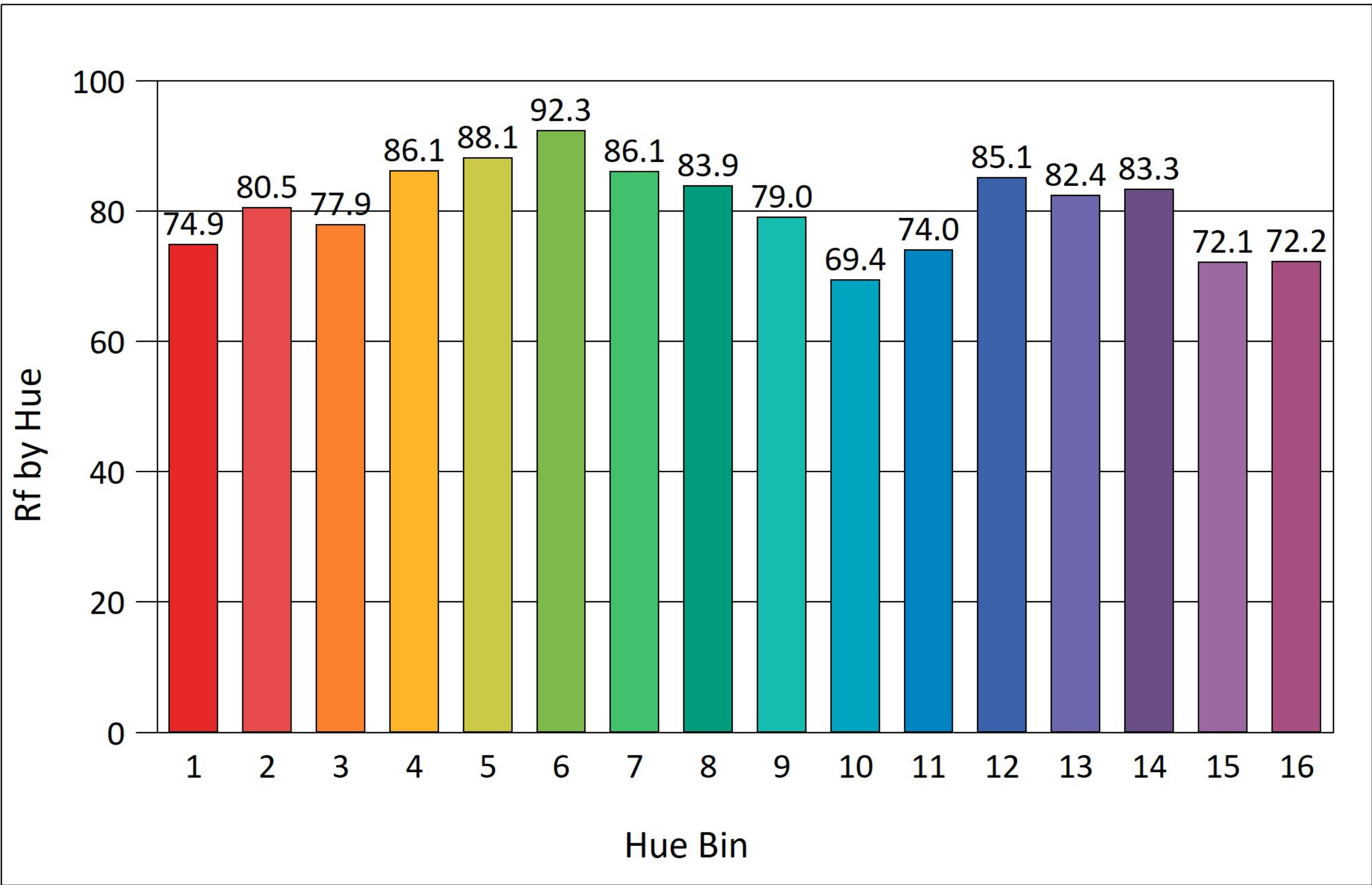
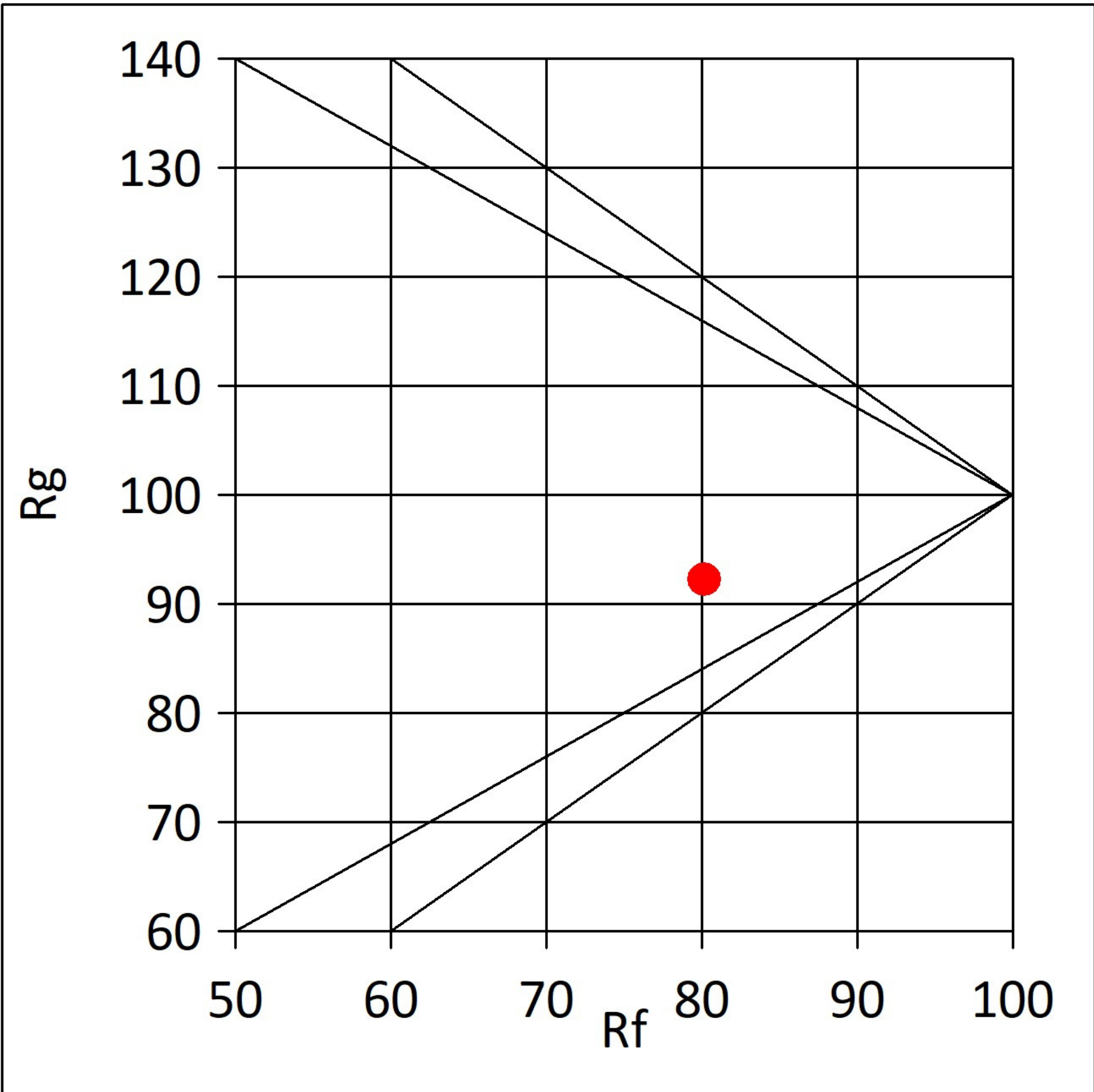
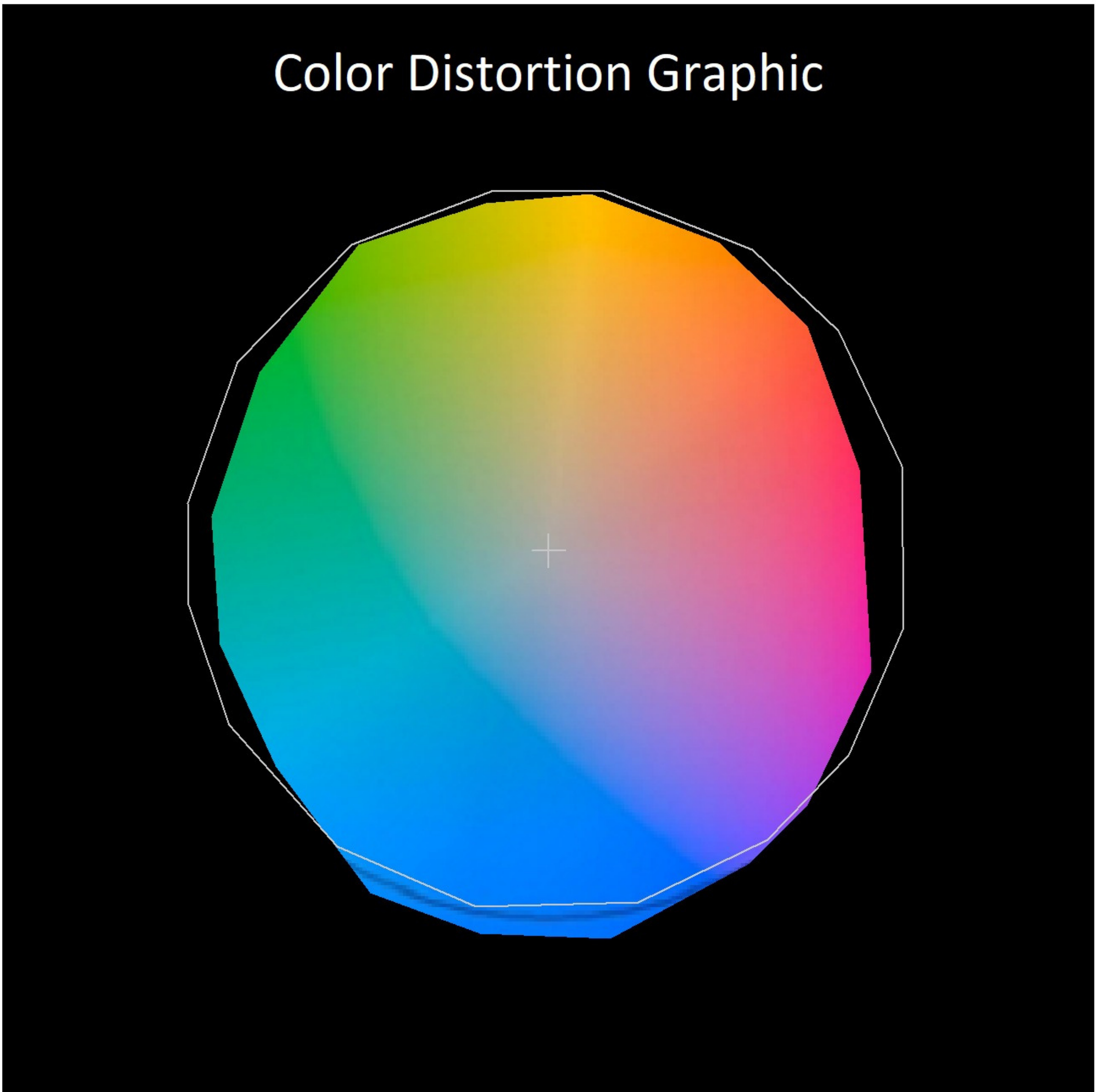
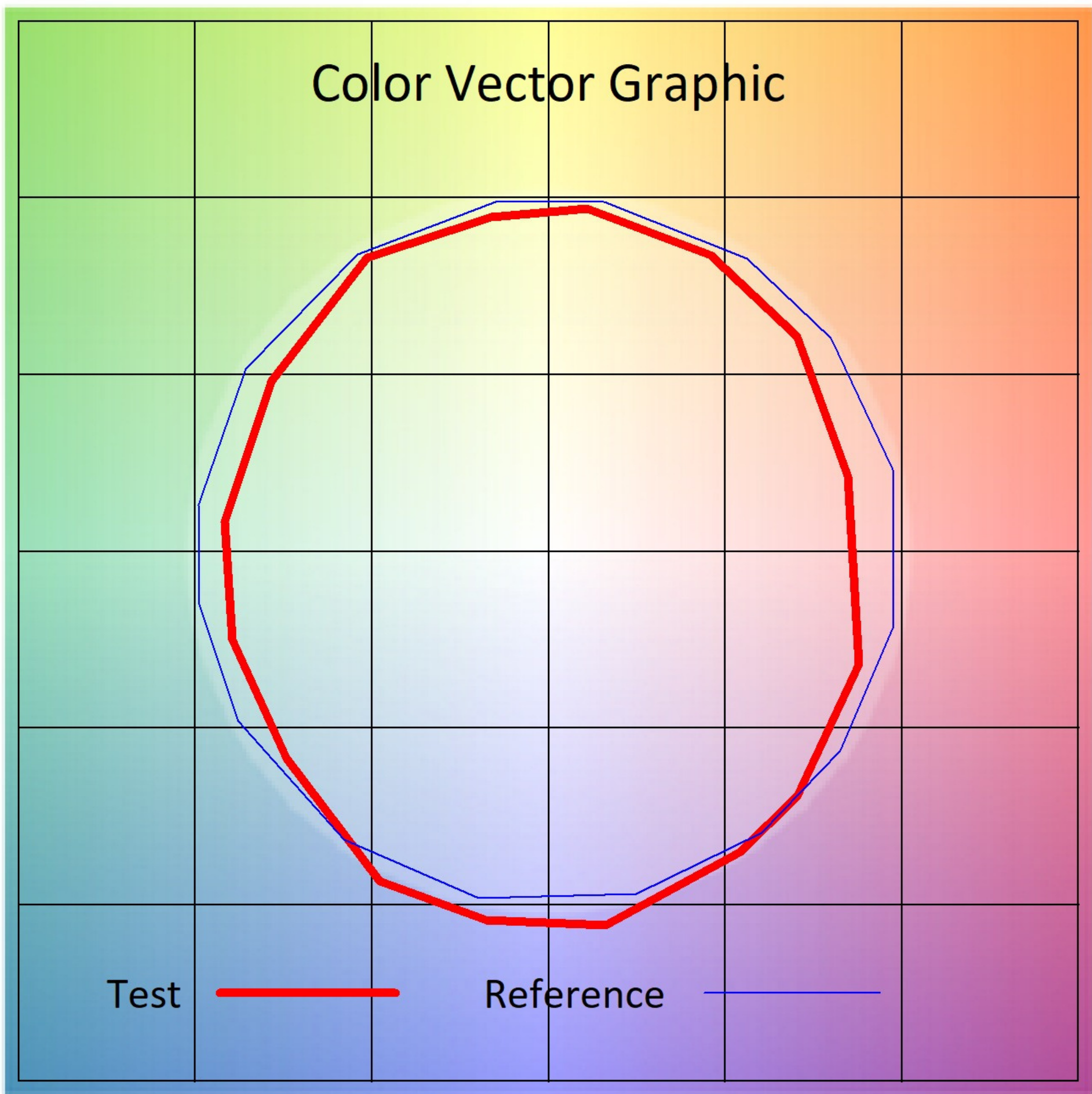
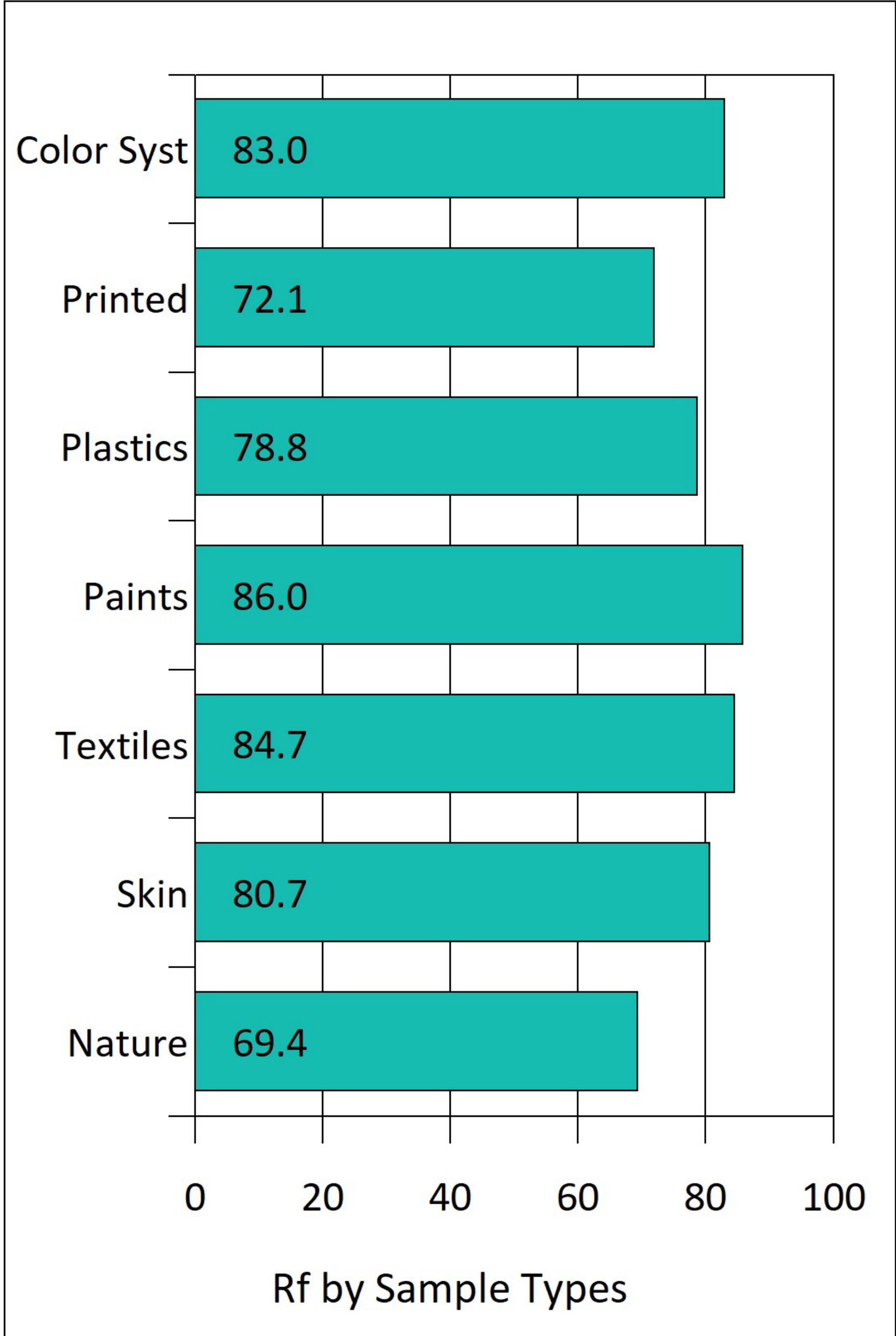
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Rf: 80.2 CCT(K): 4084 u': 0.2222
Rg: 92.2 LER: 335.4 Duv: 0.0024 v': 0.3353



Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	74.9	-12.8%	0.7%
2	80.5	-7.6%	5.8%
3	77.9	-4.7%	9.2%
4	86.1	-2.6%	4.3%
5	88.1	-4.1%	1.9%
6	92.3	-2.4%	-1.8%
7	86.1	-7.9%	-0.8%
8	83.9	-8.3%	3.2%
9	79.0	-7.3%	11.6%
10	69.4	-5.5%	16.3%
11	74.0	4.3%	15.0%
12	85.1	5.9%	3.4%
13	82.4	7.1%	-10.3%
14	83.3	1.1%	-8.3%
15	72.1	-3.0%	-17.6%
16	72.2	-7.5%	-12.6%



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