

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: HALO

Report Number: P926866

Luminaire Tested: **HLBPH609FS6-927**

Issue Date: 12/11/2024



Test Information

Test Method: LM-79-08
Report Number: P926866
Test Lab: LEADING TESTING LABORATORIES
Issue Date: 12/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: HLBPH609FS6-927
Description: HALO HLBPH SLIM EDGE 6 inch 90 CRI COLOR SELECTABLE FIXTURE
Light Source: 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

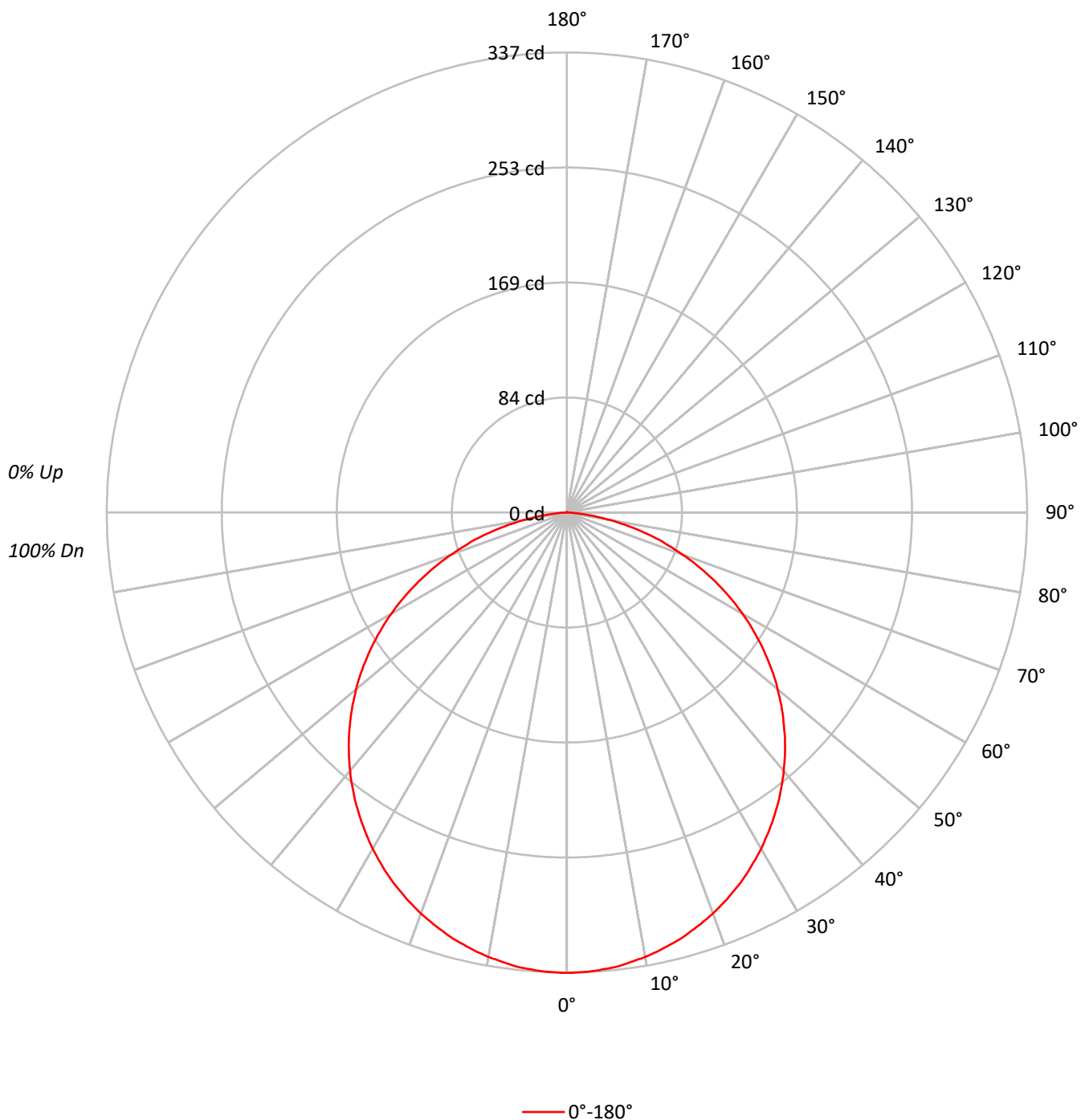
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 955.4 lumens
Efficiency: N/A
Efficacy: 96.5 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.25 / 1.38
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 9.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	109	104	100	96	106	102	98	95	98	94	92		94	91	89		90
2	99	91	84	78	96	89	83	77	85	80	76		82	78	74		79
3	90	80	71	65	88	78	70	64	75	69	63		72	67	62		70
4	83	71	62	55	80	69	61	55	67	59	54		64	58	53		62
5	76	63	54	47	74	62	53	47	60	52	46		58	51	46		56
6	70	57	48	41	68	56	47	41	54	46	41		52	45	40		51
7	65	51	43	36	63	51	42	36	49	41	36		47	41	36		46
8	60	47	38	32	59	46	38	32	45	37	32		44	37	32		42
9	56	43	35	29	55	42	34	29	41	34	29		40	33	29		39
10	53	40	32	26	52	39	31	26	38	31	26		37	31	26		36

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	18491
5°	18462
10°	18403
15°	18332
20°	18237
25°	18134
30°	18003
35°	17848
40°	17676
45°	17459
50°	17185
55°	16812
60°	16293
65°	15553
70°	14442
75°	12942
80°	10292
85°	6101



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.9	3.3
10°-20°	91.1	9.5
20°-30°	138.1	14.5
30°-40°	166.9	17.5
40°-50°	173.7	18.2
50°-60°	157.1	16.4
60°-70°	118.5	12.4
70°-80°	64.5	6.7
80°-90°	13.0	1.4
90°-100°	0.0	0.0
100°-110°	0.1	0.0
110°-120°	0.1	0.0
120°-130°	0.1	0.0
130°-140°	0.2	0.0
140°-150°	0.1	0.0
150°-160°	0.1	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	261.1	27.3
0°-40°	428.0	44.8
0°-60°	758.8	79.4
0°-90°	954.7	99.9
90°-120°	0.2	0.0
90°-150°	0.5	0.1
90°-180°	1.0	0.1
0°-180°	955.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	337	
5°	336	32
15°	323	91
25°	300	138
35°	267	167
45°	225	174
55°	176	157
65°	120	118
75°	61	64
85°	10	13
90°	0	0
95°	0	0
105°	0	0
115°	0	0
125°	0	0
135°	0	0
145°	0	0
155°	0	0
165°	0	0
175°	0	0
180°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	337.3
0.5°	337.3
1°	337.2
1.5°	337.0
2°	336.9
2.5°	336.8
3°	336.6
3.5°	336.3
4°	336.1
4.5°	335.7
5°	335.5
5.5°	335.2
6°	334.9
6.5°	334.5
7°	333.9
7.5°	333.3
8°	332.8
8.5°	332.2
9°	331.6
9.5°	331.2
10°	330.6
10.5°	330.0
11°	329.2
11.5°	328.5
12°	327.8
12.5°	327.0
13°	326.3
13.5°	325.4
14°	324.6
14.5°	323.9
15°	323.0
15.5°	322.0
16°	321.0
16.5°	320.0
17°	319.0
17.5°	317.9
18°	316.9
18.5°	315.8
19°	314.9
19.5°	313.7
20°	312.6
20.5°	311.4
21°	310.2
21.5°	308.9
22°	307.7



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CANDELA DISTRIBUTION (continued):

0°	
22.5°	306.5
23°	305.1
23.5°	303.8
24°	302.5
24.5°	301.1
25°	299.8
25.5°	298.3
26°	296.9
26.5°	295.4
27°	293.9
27.5°	292.3
28°	290.7
28.5°	289.2
29°	287.6
29.5°	286.0
30°	284.4
30.5°	282.8
31°	281.0
31.5°	279.2
32°	277.6
32.5°	275.8
33°	274.0
33.5°	272.3
34°	270.4
34.5°	268.6
35°	266.7
35.5°	264.9
36°	263.1
36.5°	261.2
37°	259.2
37.5°	257.2
38°	255.2
38.5°	253.2
39°	251.2
39.5°	249.2
40°	247.0
40.5°	244.9
41°	242.8
41.5°	240.7
42°	238.6
42.5°	236.4
43°	234.3
43.5°	232.1
44°	229.9
44.5°	227.6



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CANDELA DISTRIBUTION (continued):

	0°
45°	225.2
45.5°	222.9
46°	220.6
46.5°	218.3
47°	216.0
47.5°	213.6
48°	211.3
48.5°	208.8
49°	206.4
49.5°	203.9
50°	201.5
50.5°	199.1
51°	196.7
51.5°	194.2
52°	191.6
52.5°	189.0
53°	186.4
53.5°	183.7
54°	181.1
54.5°	178.5
55°	175.9
55.5°	173.2
56°	170.6
56.5°	167.9
57°	165.2
57.5°	162.4
58°	159.7
58.5°	157.0
59°	154.2
59.5°	151.4
60°	148.6
60.5°	145.8
61°	143.1
61.5°	140.1
62°	137.4
62.5°	134.4
63°	131.5
63.5°	128.6
64°	125.8
64.5°	122.8
65°	119.9
65.5°	117.0
66°	114.1
66.5°	111.1
67°	108.2



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CANDELA DISTRIBUTION (continued):

0°	
67.5°	105.1
68°	102.2
68.5°	99.2
69°	96.1
69.5°	93.1
70°	90.1
70.5°	87.2
71°	84.2
71.5°	81.2
72°	78.2
72.5°	75.2
73°	73.4
73.5°	70.3
74°	67.3
74.5°	64.2
75°	61.1
75.5°	58.2
76°	55.2
76.5°	52.3
77°	49.4
77.5°	46.5
78°	43.7
78.5°	40.9
79°	38.1
79.5°	35.3
80°	32.6
80.5°	30.0
81°	27.4
81.5°	24.9
82°	22.4
82.5°	20.1
83°	17.8
83.5°	15.6
84°	13.5
84.5°	11.5
85°	9.7
85.5°	8.0
86°	6.6
86.5°	5.3
87°	4.0
87.5°	2.7
88°	1.8
88.5°	1.2
89°	0.6
89.5°	0.2



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CANDELA DISTRIBUTION (continued):

	0°
90°	0.0
90.5°	0.0
91°	0.0
91.5°	0.0
92°	0.0
92.5°	0.0
93°	0.0
93.5°	0.0
94°	0.0
94.5°	0.0
95°	0.0
95.5°	0.0
96°	0.0
96.5°	0.0
97°	0.0
97.5°	0.0
98°	0.0
98.5°	0.0
99°	0.0
99.5°	0.0
100°	0.0
100.5°	0.0
101°	0.0
101.5°	0.0
102°	0.0
102.5°	0.0
103°	0.0
103.5°	0.0
104°	0.1
104.5°	0.1
105°	0.1
105.5°	0.1
106°	0.1
106.5°	0.1
107°	0.1
107.5°	0.1
108°	0.1
108.5°	0.1
109°	0.1
109.5°	0.1
110°	0.1
110.5°	0.1
111°	0.1
111.5°	0.1
112°	0.1



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CANDELA DISTRIBUTION (continued):

	0°
112.5°	0.1
113°	0.1
113.5°	0.1
114°	0.1
114.5°	0.1
115°	0.1
115.5°	0.1
116°	0.1
116.5°	0.1
117°	0.1
117.5°	0.1
118°	0.1
118.5°	0.1
119°	0.1
119.5°	0.1
120°	0.1
120.5°	0.1
121°	0.1
121.5°	0.1
122°	0.1
122.5°	0.1
123°	0.1
123.5°	0.1
124°	0.1
124.5°	0.1
125°	0.1
125.5°	0.1
126°	0.1
126.5°	0.1
127°	0.1
127.5°	0.1
128°	0.1
128.5°	0.1
129°	0.1
129.5°	0.1
130°	0.1
130.5°	0.2
131°	0.2
131.5°	0.2
132°	0.2
132.5°	0.2
133°	0.2
133.5°	0.2
134°	0.2
134.5°	0.2



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CANDELA DISTRIBUTION (continued):

	0°
135°	0.2
135.5°	0.2
136°	0.2
136.5°	0.2
137°	0.2
137.5°	0.2
138°	0.2
138.5°	0.2
139°	0.2
139.5°	0.2
140°	0.2
140.5°	0.2
141°	0.2
141.5°	0.2
142°	0.2
142.5°	0.2
143°	0.2
143.5°	0.2
144°	0.2
144.5°	0.2
145°	0.2
145.5°	0.2
146°	0.2
146.5°	0.2
147°	0.2
147.5°	0.2
148°	0.2
148.5°	0.2
149°	0.2
149.5°	0.2
150°	0.2
150.5°	0.2
151°	0.2
151.5°	0.2
152°	0.2
152.5°	0.2
153°	0.2
153.5°	0.2
154°	0.2
154.5°	0.2
155°	0.2
155.5°	0.2
156°	0.2
156.5°	0.2
157°	0.2



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CANDELA DISTRIBUTION (continued):

	0°
157.5°	0.2
158°	0.2
158.5°	0.2
159°	0.2
159.5°	0.2
160°	0.2
160.5°	0.2
161°	0.2
161.5°	0.2
162°	0.2
162.5°	0.2
163°	0.2
163.5°	0.2
164°	0.2
164.5°	0.3
165°	0.3
165.5°	0.3
166°	0.3
166.5°	0.3
167°	0.3
167.5°	0.3
168°	0.3
168.5°	0.3
169°	0.3
169.5°	0.3
170°	0.3
170.5°	0.3
171°	0.3
171.5°	0.3
172°	0.3
172.5°	0.3
173°	0.3
173.5°	0.3
174°	0.3
174.5°	0.3
175°	0.3
175.5°	0.3
176°	0.3
176.5°	0.3
177°	0.3
177.5°	0.3
178°	0.3
178.5°	0.3
179°	0.3
179.5°	0.3

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Scaled Data Report



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CANDELA DISTRIBUTION (continued):

0°
180° | 0.3

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Halo Home

Report Number: SP1-2501-315-7

Test Date: 01/14/2025

Luminaire Tested: HLBPH609FS6-2700K

Data in this report applies to families of products including HLBPH609FS6-2700K

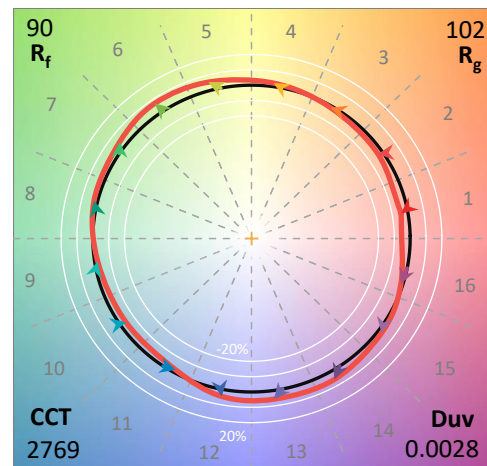
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2501-315-7
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 01/15/2025
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: Halo Home
 Catalog Number: **HLBPH609FS6-2700K**
 Description: HLBPH 6 INCH 6 CCT FIXTURE@2700K

Spectral Parameters

CCT (K): 2769
 CIE u' : 0.2587
 CIE v' : 0.5300
 Duv: 0.0028
 CIE x: 0.4591
 CIE y: 0.4181
 CIE z: 0.1229
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 582
 Purity: 63.30126
 R_f: 89.6
 R_g: 102.2

CRI (Ra): 92.5
 R1: 95.5
 R2: 93.1
 R3: 88.1
 R4: 94.6
 R5: 93.1
 R6: 92.5
 R7: 94.6
 R8: 88.2
 R9: 66.7
 R10: 80.4
 R11: 94.9
 R12: 75.2
 R13: 94.1
 R14: 91.4
 R15: 91.6



Test Conditions

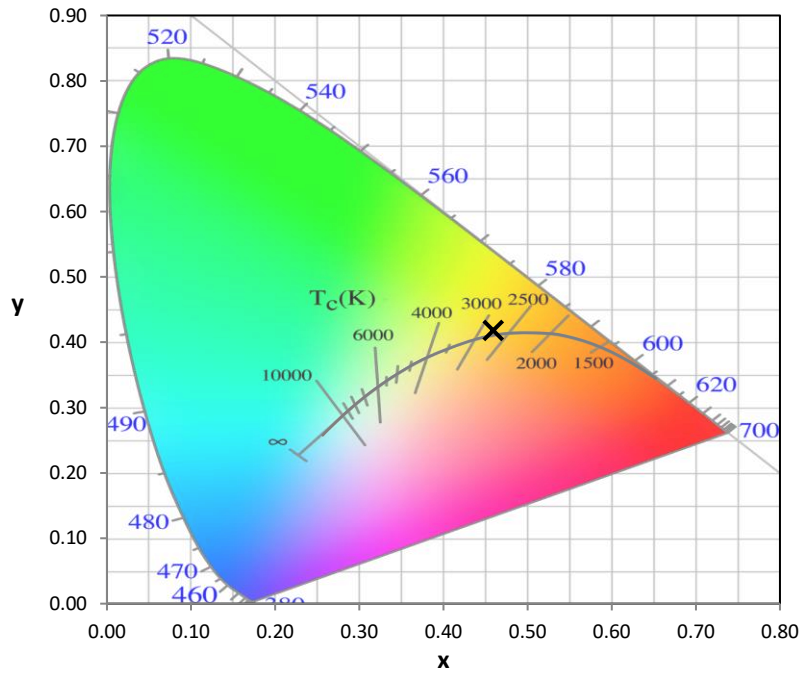
Stabilization Time: 38M
 Operation Time: 1H 38M
 Sphere Temperature (°C): 24.8

REPORT NUMBER: SP1-2501-315-7

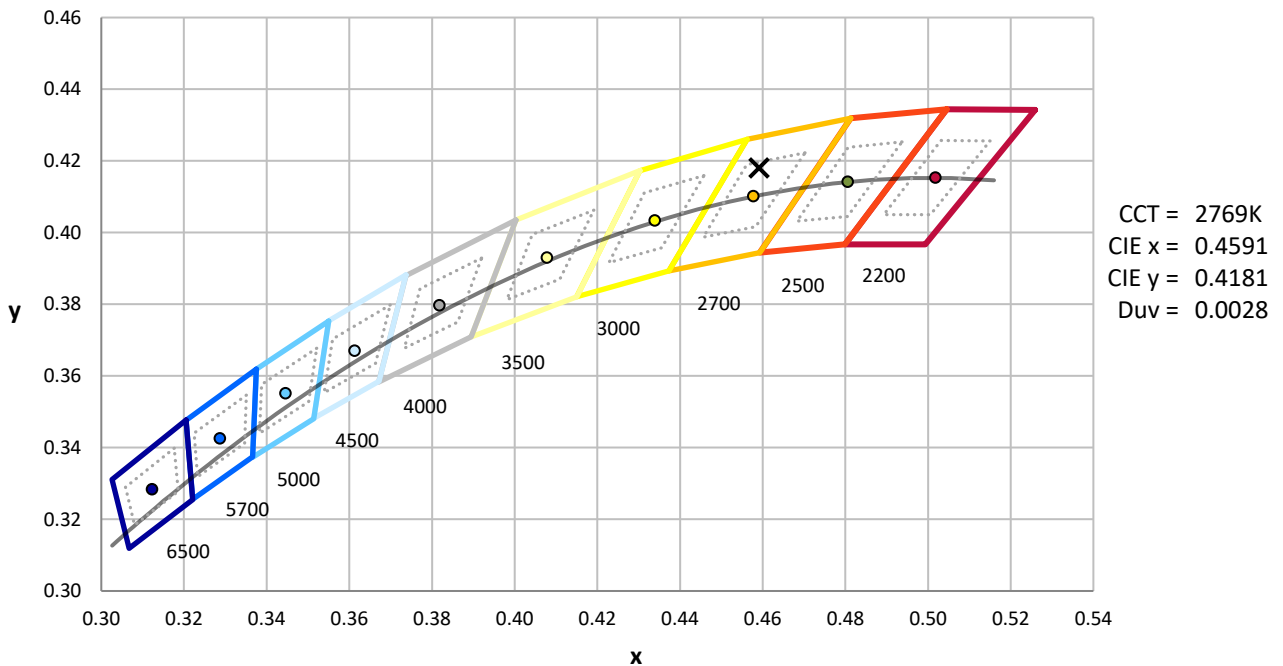
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

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CIE 1931 Chromaticity Diagram

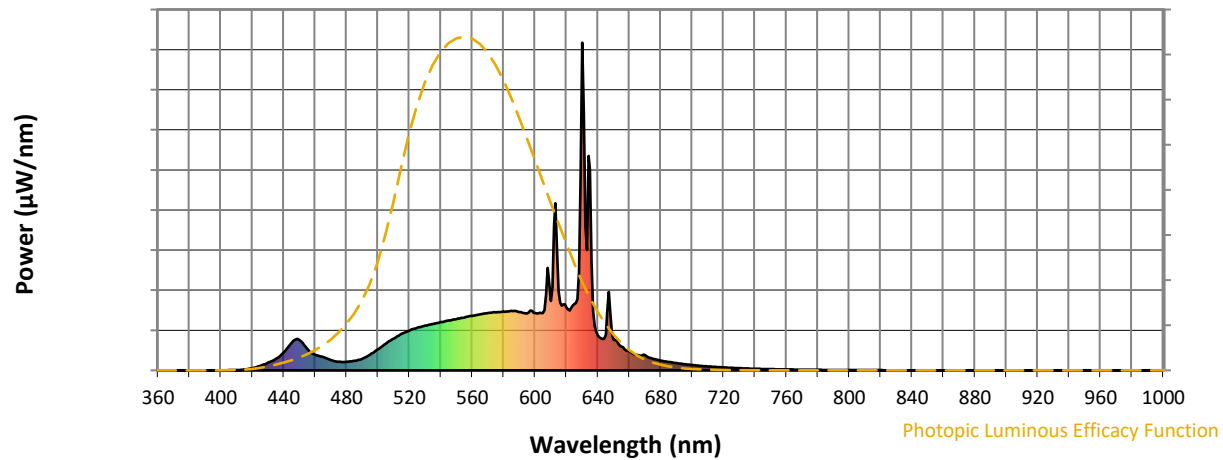


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

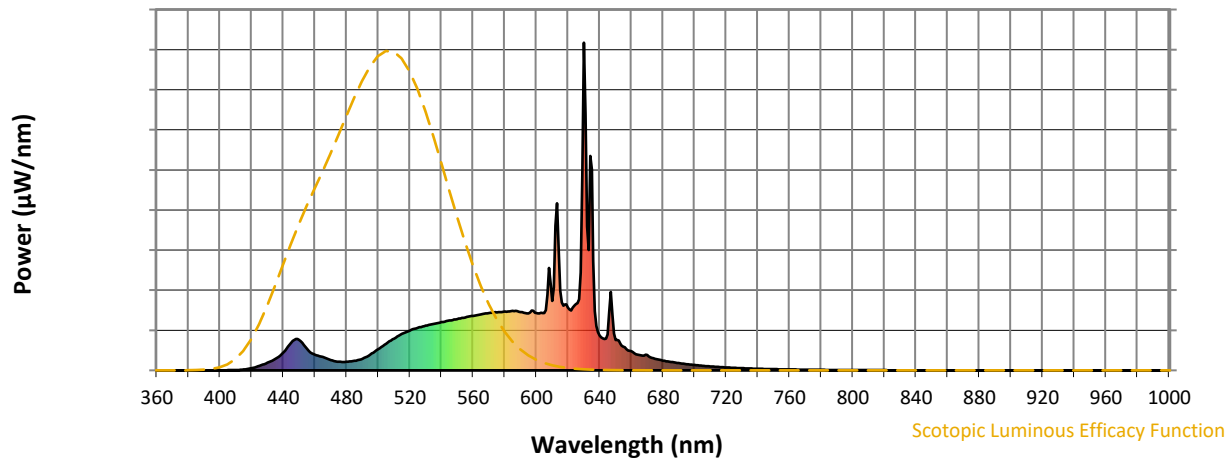


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	35	NR	620	191	NR	750	4	NR	880	0	NR
365	0	NR	495	48	NR	625	202	NR	755	3	NR	885	0	NR
370	0	NR	500	64	NR	630	1000	NR	760	3	NR	890	0	NR
375	0	NR	505	81	NR	635	613	NR	765	2	NR	895	0	NR
380	0	NR	510	97	NR	640	107	NR	770	2	NR	900	0	NR
385	0	NR	515	111	NR	645	110	NR	775	2	NR	905	0	NR
390	0	NR	520	122	NR	650	93	NR	780	2	NR	910	0	NR
395	0	NR	525	130	NR	655	73	NR	785	1	NR	915	0	NR
400	0	NR	530	136	NR	660	59	NR	790	1	NR	920	0	NR
405	1	NR	535	142	NR	665	47	NR	795	1	NR	925	0	NR
410	1	NR	540	147	NR	670	47	NR	800	1	NR	930	0	NR
415	3	NR	545	152	NR	675	35	NR	805	1	NR	935	0	NR
420	7	NR	550	157	NR	680	30	NR	810	1	NR	940	0	NR
425	14	NR	555	161	NR	685	26	NR	815	1	NR	945	0	NR
430	23	NR	560	166	NR	690	22	NR	820	1	NR	950	0	NR
435	35	NR	565	171	NR	695	19	NR	825	0	NR	955	0	NR
440	54	NR	570	175	NR	700	16	NR	830	0	NR	960	0	NR
445	84	NR	575	177	NR	705	14	NR	835	0	NR	965	0	NR
450	93	NR	580	179	NR	710	12	NR	840	0	NR	970	0	NR
455	65	NR	585	181	NR	715	10	NR	845	0	NR	975	0	NR
460	48	NR	590	178	NR	720	9	NR	850	0	NR	980	0	NR
465	41	NR	595	174	NR	725	8	NR	855	0	NR	985	0	NR
470	31	NR	600	175	NR	730	7	NR	860	0	NR	990	0	NR
475	26	NR	605	175	NR	735	6	NR	865	0	NR	995	0	NR
480	26	NR	610	212	NR	740	5	NR	870	0	NR	1000	0	NR
485	29	NR	615	243	NR	745	4	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



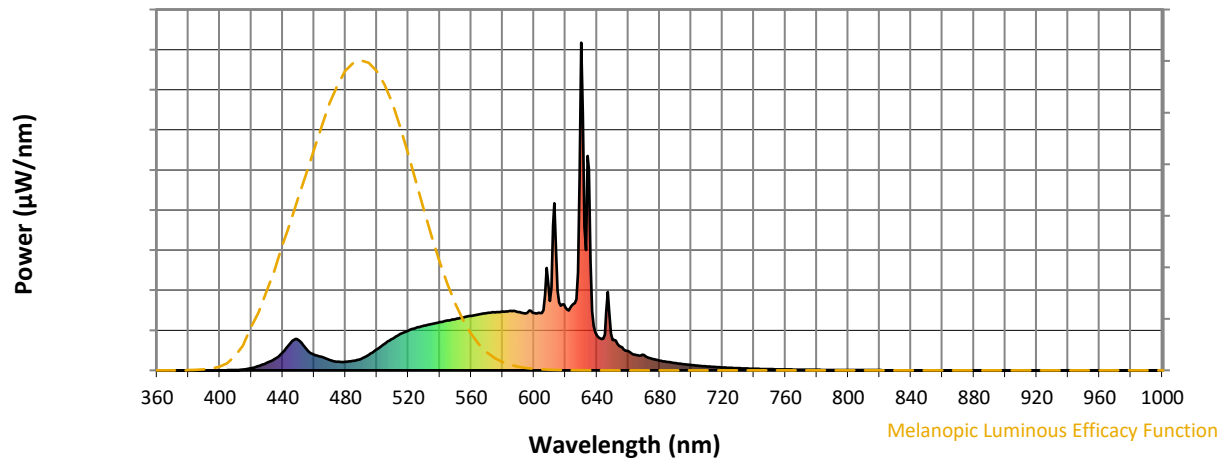
Scotopic Lumens: NR

S/P: 1.24

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	35	NR	620	191	NR	750	4	NR	880	0	NR
365	0	NR	495	48	NR	625	202	NR	755	3	NR	885	0	NR
370	0	NR	500	64	NR	630	1000	NR	760	3	NR	890	0	NR
375	0	NR	505	81	NR	635	613	NR	765	2	NR	895	0	NR
380	0	NR	510	97	NR	640	107	NR	770	2	NR	900	0	NR
385	0	NR	515	111	NR	645	110	NR	775	2	NR	905	0	NR
390	0	NR	520	122	NR	650	93	NR	780	2	NR	910	0	NR
395	0	NR	525	130	NR	655	73	NR	785	1	NR	915	0	NR
400	0	NR	530	136	NR	660	59	NR	790	1	NR	920	0	NR
405	1	NR	535	142	NR	665	47	NR	795	1	NR	925	0	NR
410	1	NR	540	147	NR	670	47	NR	800	1	NR	930	0	NR
415	3	NR	545	152	NR	675	35	NR	805	1	NR	935	0	NR
420	7	NR	550	157	NR	680	30	NR	810	1	NR	940	0	NR
425	14	NR	555	161	NR	685	26	NR	815	1	NR	945	0	NR
430	23	NR	560	166	NR	690	22	NR	820	1	NR	950	0	NR
435	35	NR	565	171	NR	695	19	NR	825	0	NR	955	0	NR
440	54	NR	570	175	NR	700	16	NR	830	0	NR	960	0	NR
445	84	NR	575	177	NR	705	14	NR	835	0	NR	965	0	NR
450	93	NR	580	179	NR	710	12	NR	840	0	NR	970	0	NR
455	65	NR	585	181	NR	715	10	NR	845	0	NR	975	0	NR
460	48	NR	590	178	NR	720	9	NR	850	0	NR	980	0	NR
465	41	NR	595	174	NR	725	8	NR	855	0	NR	985	0	NR
470	31	NR	600	175	NR	730	7	NR	860	0	NR	990	0	NR
475	26	NR	605	175	NR	735	6	NR	865	0	NR	995	0	NR
480	26	NR	610	212	NR	740	5	NR	870	0	NR	1000	0	NR
485	29	NR	615	243	NR	745	4	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.24

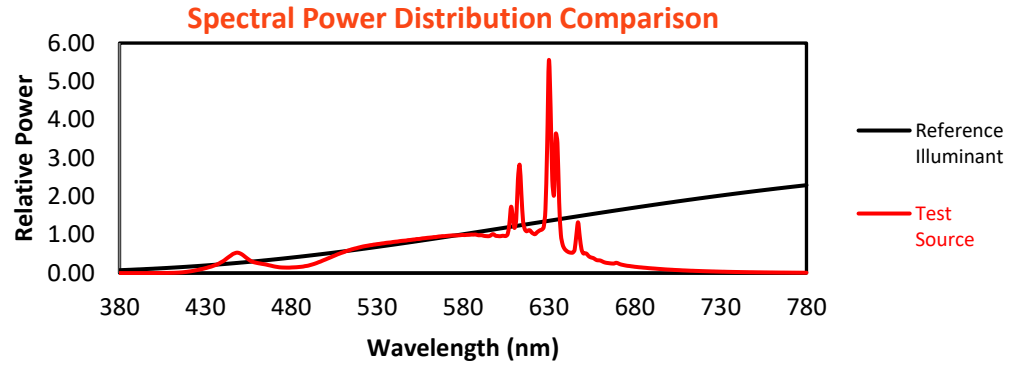
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	35	NR	620	191	NR	750	4	NR	880	0	NR
365	0	NR	495	48	NR	625	202	NR	755	3	NR	885	0	NR
370	0	NR	500	64	NR	630	1000	NR	760	3	NR	890	0	NR
375	0	NR	505	81	NR	635	613	NR	765	2	NR	895	0	NR
380	0	NR	510	97	NR	640	107	NR	770	2	NR	900	0	NR
385	0	NR	515	111	NR	645	110	NR	775	2	NR	905	0	NR
390	0	NR	520	122	NR	650	93	NR	780	2	NR	910	0	NR
395	0	NR	525	130	NR	655	73	NR	785	1	NR	915	0	NR
400	0	NR	530	136	NR	660	59	NR	790	1	NR	920	0	NR
405	1	NR	535	142	NR	665	47	NR	795	1	NR	925	0	NR
410	1	NR	540	147	NR	670	47	NR	800	1	NR	930	0	NR
415	3	NR	545	152	NR	675	35	NR	805	1	NR	935	0	NR
420	7	NR	550	157	NR	680	30	NR	810	1	NR	940	0	NR
425	14	NR	555	161	NR	685	26	NR	815	1	NR	945	0	NR
430	23	NR	560	166	NR	690	22	NR	820	1	NR	950	0	NR
435	35	NR	565	171	NR	695	19	NR	825	0	NR	955	0	NR
440	54	NR	570	175	NR	700	16	NR	830	0	NR	960	0	NR
445	84	NR	575	177	NR	705	14	NR	835	0	NR	965	0	NR
450	93	NR	580	179	NR	710	12	NR	840	0	NR	970	0	NR
455	65	NR	585	181	NR	715	10	NR	845	0	NR	975	0	NR
460	48	NR	590	178	NR	720	9	NR	850	0	NR	980	0	NR
465	41	NR	595	174	NR	725	8	NR	855	0	NR	985	0	NR
470	31	NR	600	175	NR	730	7	NR	860	0	NR	990	0	NR
475	26	NR	605	175	NR	735	6	NR	865	0	NR	995	0	NR
480	26	NR	610	212	NR	740	5	NR	870	0	NR	1000	0	NR
485	29	NR	615	243	NR	745	4	NR	875	0	NR			

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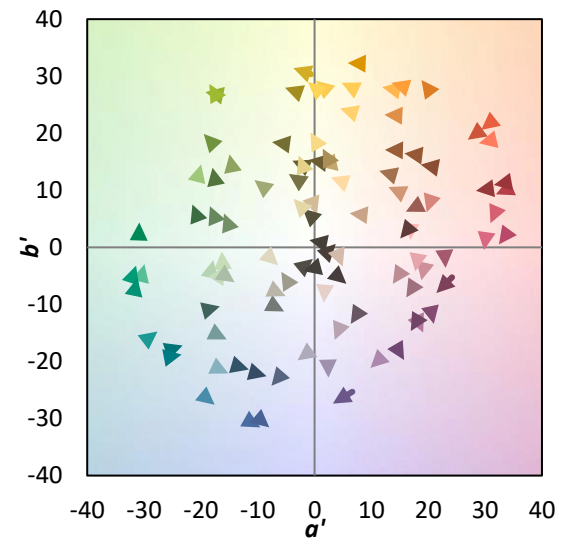
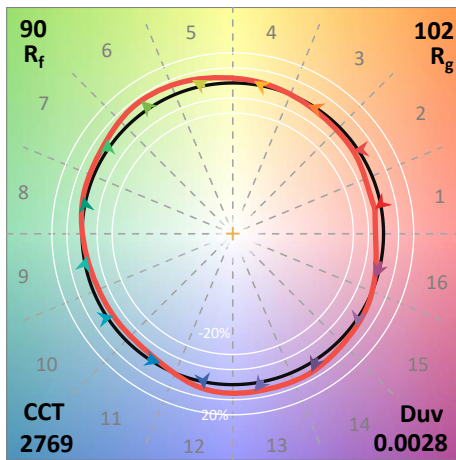
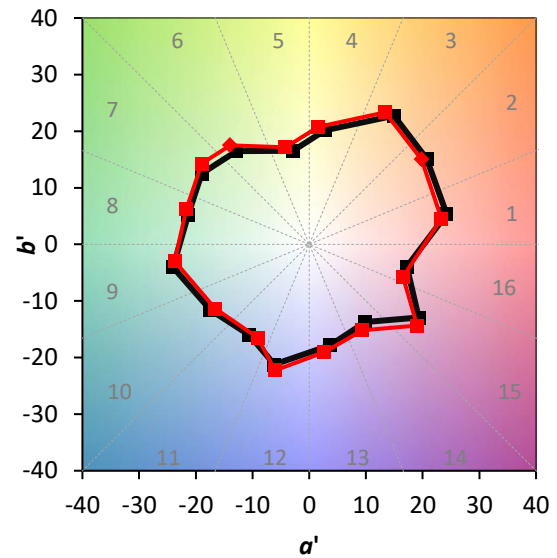
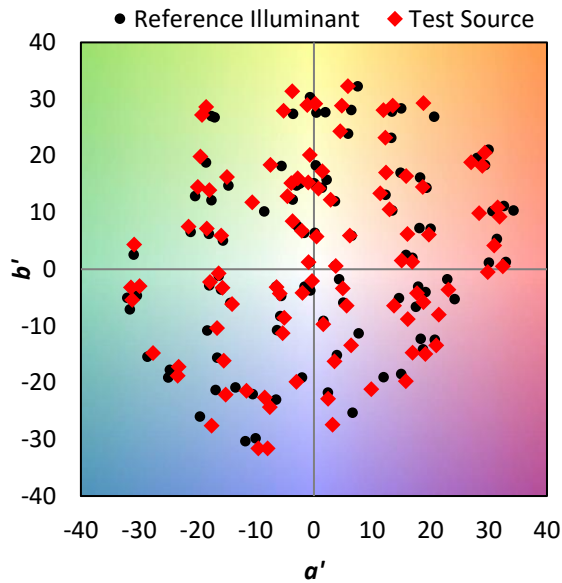
TM-30-18

Summary

$R_f = 89.6$
 $R_g = 102.2$
 $CIE\ R_a = 92.5$
 $R_g = 66.7$

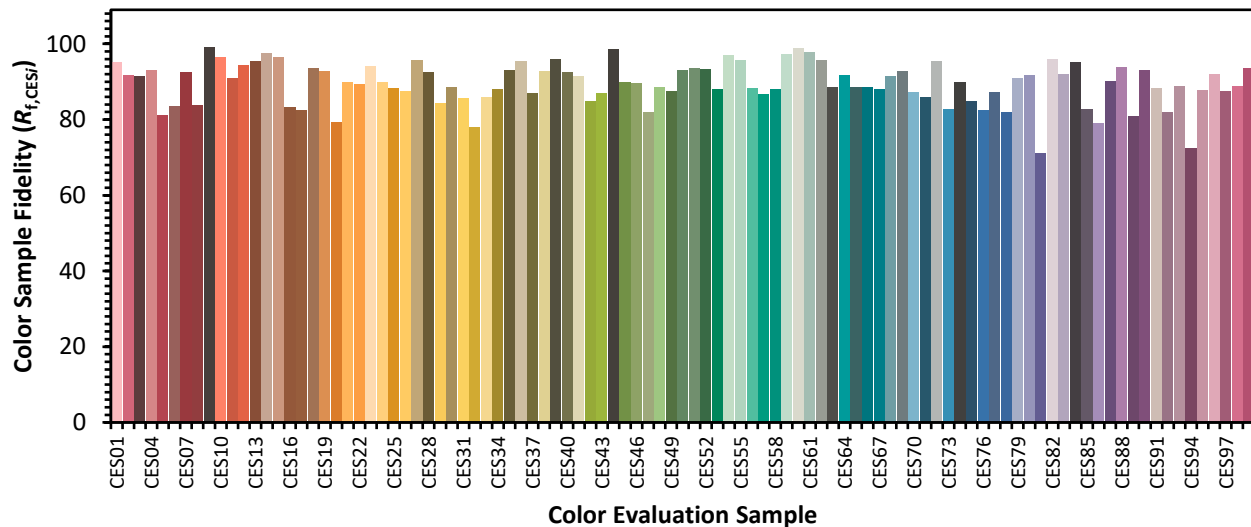


Color Vector Graphics

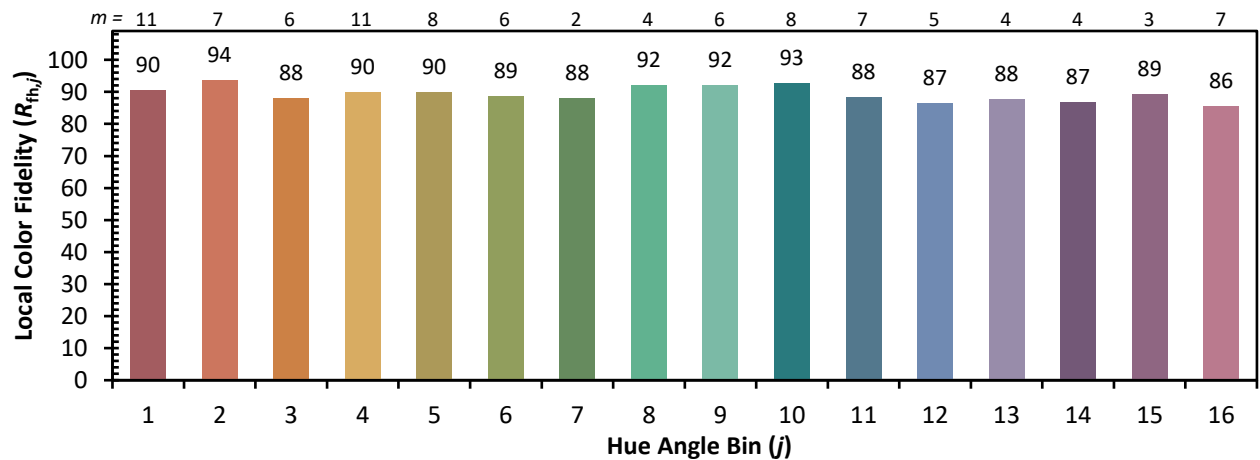
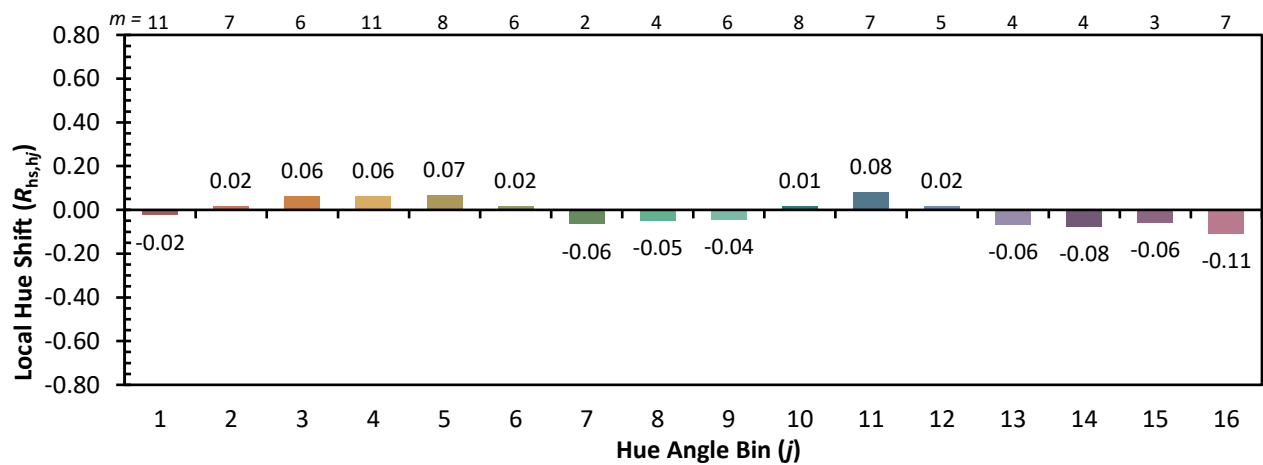
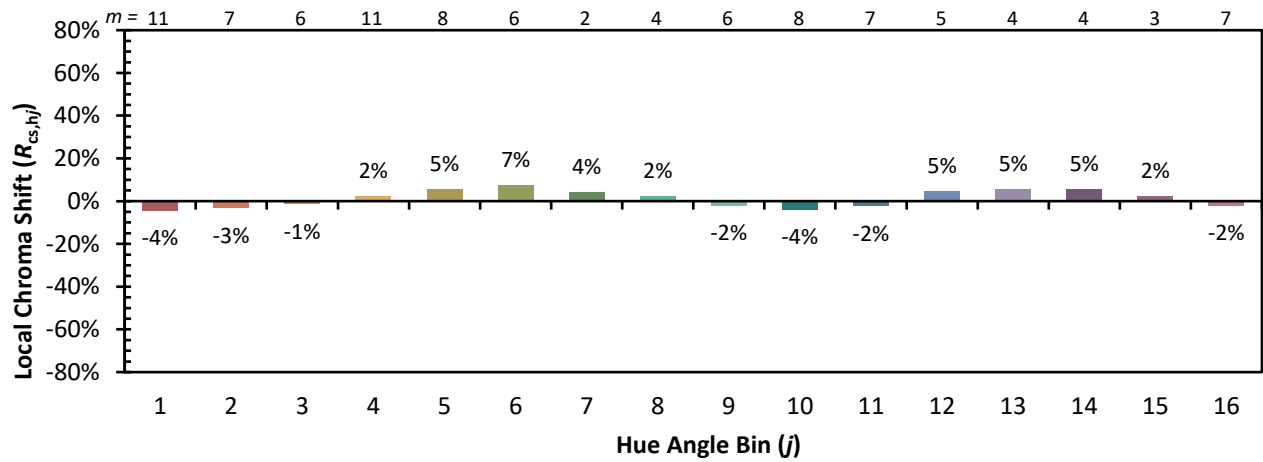


Individual Sample Fidelity Index ($R_{f,i}$)

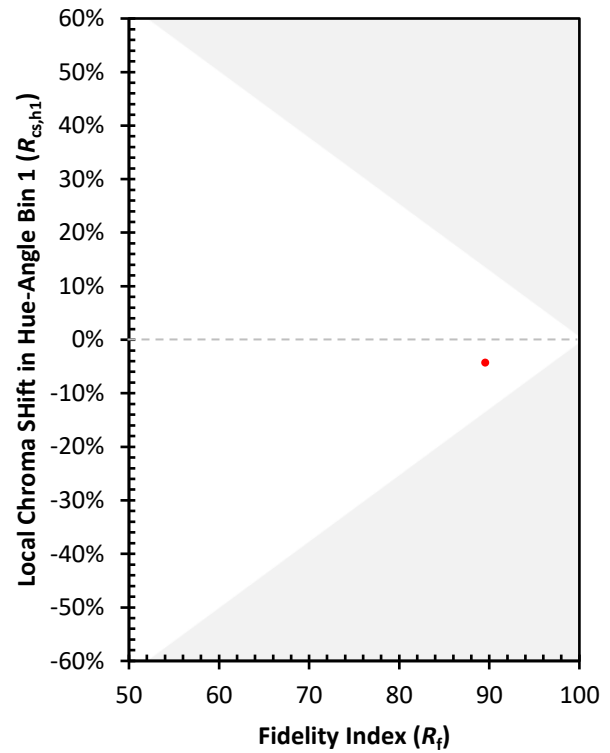
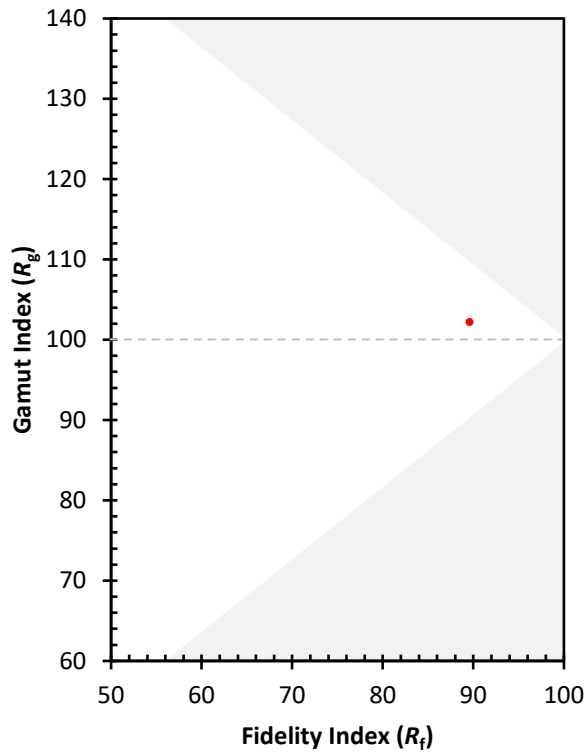
CES01 = 86	CES26 = 88	CES51 = 94	CES76 = 83
CES02 = 64	CES27 = 96	CES52 = 93	CES77 = 87
CES03 = 32	CES28 = 93	CES53 = 88	CES78 = 82
CES04 = 70	CES29 = 84	CES54 = 97	CES79 = 91
CES05 = 51	CES30 = 89	CES55 = 96	CES80 = 92
CES06 = 51	CES31 = 86	CES56 = 88	CES81 = 71
CES07 = 44	CES32 = 78	CES57 = 87	CES82 = 96
CES08 = 43	CES33 = 86	CES58 = 88	CES83 = 92
CES09 = 29	CES34 = 88	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 93	CES60 = 99	CES85 = 83
CES11 = 59	CES36 = 95	CES61 = 98	CES86 = 79
CES12 = 66	CES37 = 87	CES62 = 96	CES87 = 90
CES13 = 44	CES38 = 93	CES63 = 89	CES88 = 94
CES14 = 74	CES39 = 96	CES64 = 92	CES89 = 81
CES15 = 72	CES40 = 93	CES65 = 88	CES90 = 93
CES16 = 48	CES41 = 91	CES66 = 88	CES91 = 88
CES17 = 50	CES42 = 85	CES67 = 88	CES92 = 82
CES18 = 57	CES43 = 87	CES68 = 92	CES93 = 89
CES19 = 72	CES44 = 98	CES69 = 93	CES94 = 73
CES20 = 68	CES45 = 90	CES70 = 87	CES95 = 88
CES21 = 87	CES46 = 90	CES71 = 86	CES96 = 92
CES22 = 79	CES47 = 82	CES72 = 95	CES97 = 88
CES23 = 92	CES48 = 89	CES73 = 83	CES98 = 89
CES24 = 91	CES49 = 88	CES74 = 90	CES99 = 94
CES25 = 72	CES50 = 93	CES75 = 85	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)