

Signify Classified - Internal  
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: STREETWORKS

Report Number: P856061

Luminaire Tested: **FFX-CLB-50-722-U-FR-T5**

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856061  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 07/16/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: FFX-CLB-50-722-U-FR-T5  
Description: FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS  
Light Source: (6) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

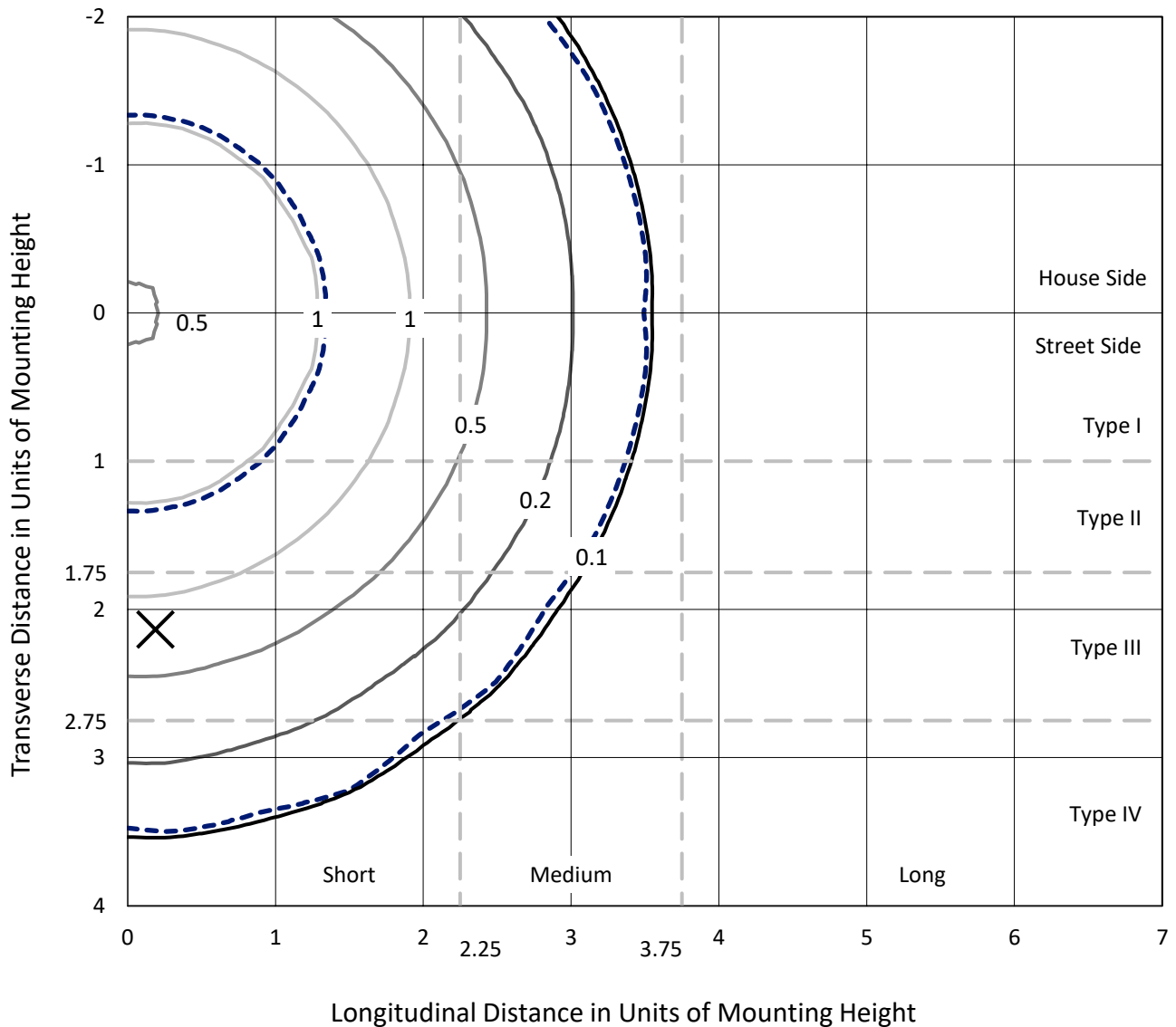
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7035.8 lumens  
Efficiency: N/A  
Efficacy: 139.3 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 1.17' x H: 1.67')  
IES Classification: Type V - Short  
BUG Rating: B3 - U5 - G2  
  
Input Watts (W): 50.5  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: 0.99  
Total Harmonic Distortion (THDi): 6.0%%  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

REPORT NUMBER: P856061  
 CATALOG NUMBER: FFX-CLB-50-722-U-FR-T5

### Iso-Footcandle Lines of Horizontal Illumination

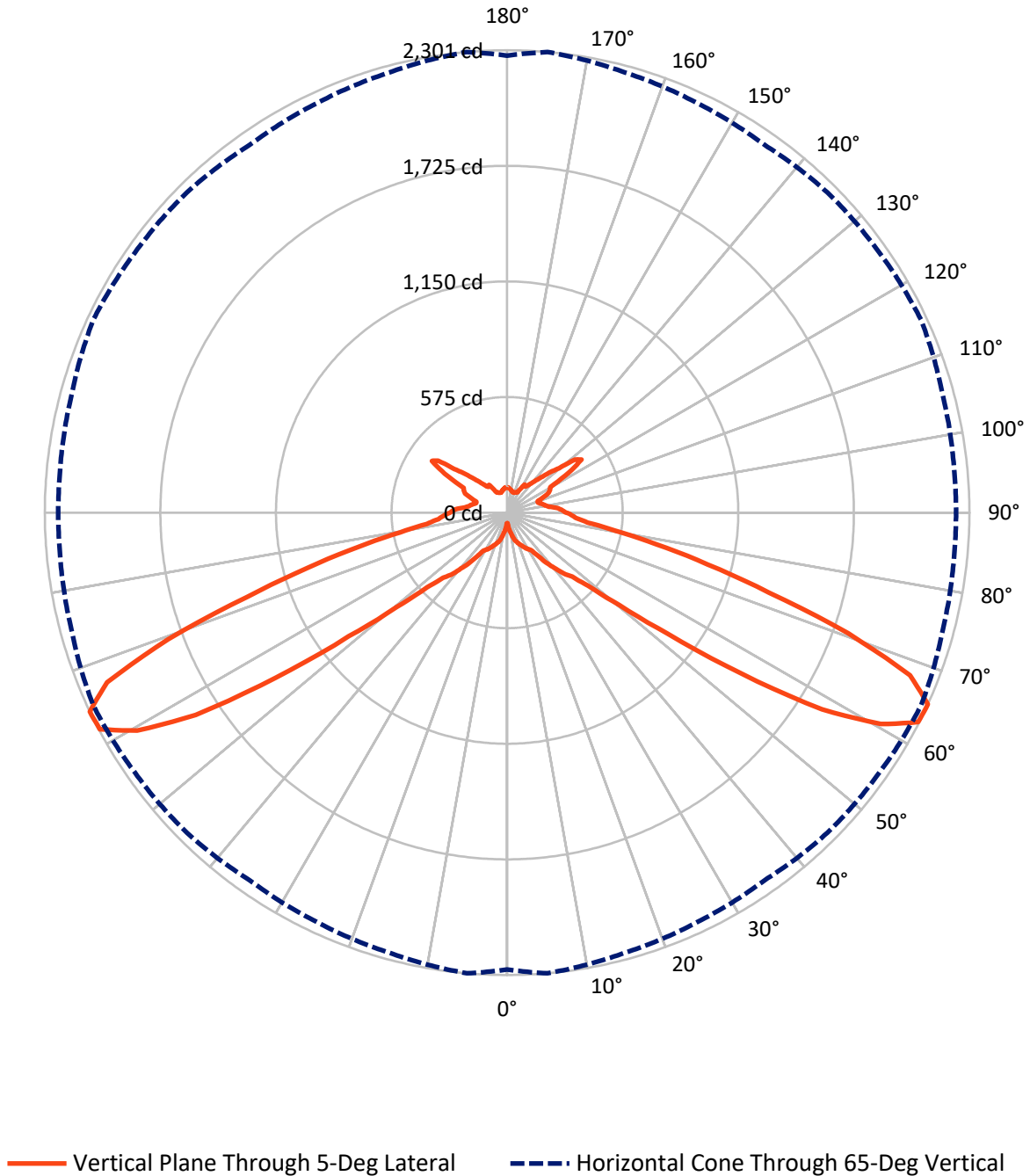
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.3 fc  
 Type V - Short - N/A

REPORT NUMBER: P856061  
CATALOG NUMBER: FFX-CLB-50-722-U-FR-T5

### Luminous Intensity Polar Plot



REPORT NUMBER: P856061  
 CATALOG NUMBER: FFX-CLB-50-722-U-FR-T5

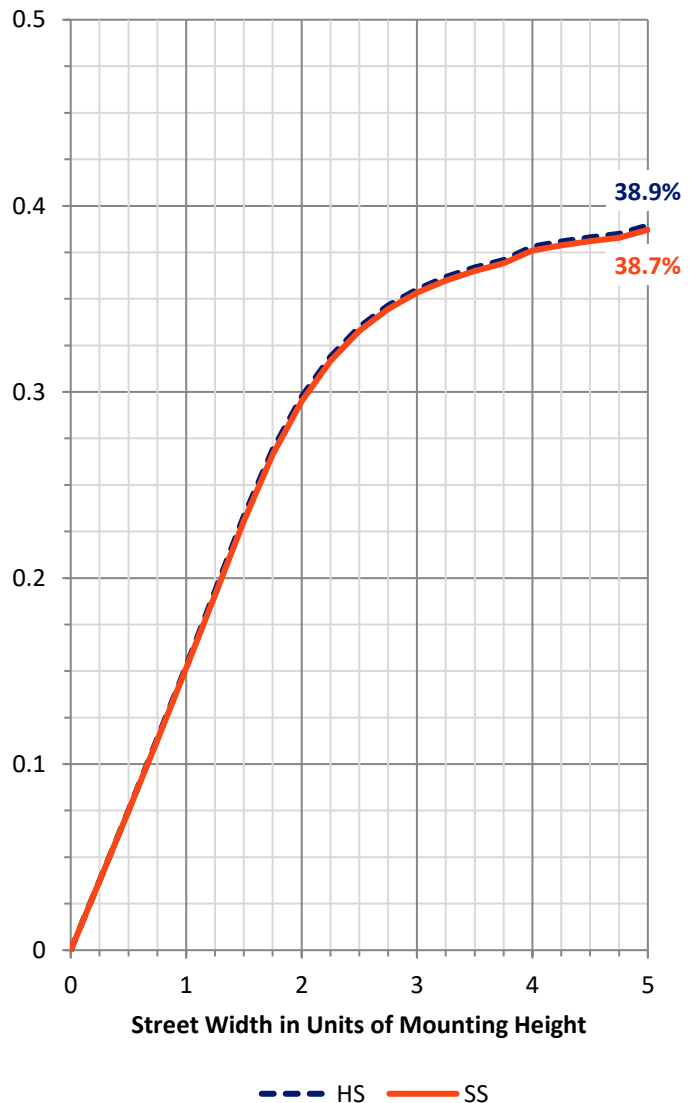
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2835.1	682.8	3517.9
	% Fixture	40.3	9.7	50.0
<b>Street Side</b>	Lumens	2835.1	682.8	3517.9
	% Fixture	40.3	9.7	50.0
<b>Total</b>	Lumens	5670.3	1365.6	7035.8
	% Fixture	80.6	19.4	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	8.0	0.1
10°-20°	40.2	0.6
20°-30°	87.3	1.2
30°-40°	173.2	2.5
40°-50°	375.7	5.3
50°-60°	1294.0	18.4
60°-70°	2125.2	30.2
70°-80°	1140.6	16.2
80°-90°	425.9	6.1
90°-100°	269.0	3.8
100°-110°	180.2	2.6
110°-120°	198.1	2.8
120°-130°	327.7	4.7
130°-140°	193.0	2.7
140°-150°	102.1	1.5
150°-160°	53.6	0.8
160°-170°	30.4	0.4
170°-180°	11.5	0.2
0°-90°	5670.3	80.6
0°-180°	7035.8	100.0



REPORT NUMBER: P856061

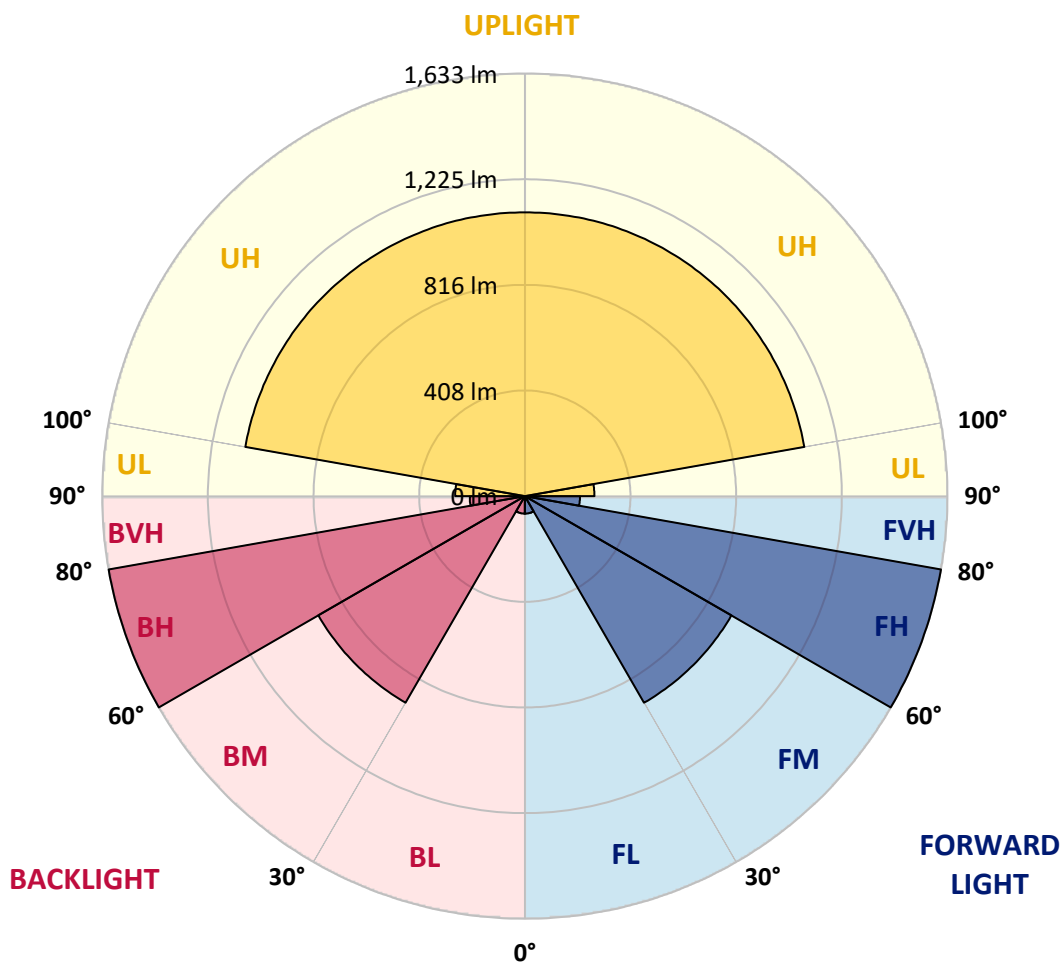
CATALOG NUMBER: FFX-CLB-50-722-U-FR-T5

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	67.7	1.0			
FM (30°-60°)	921.5	13.1			
FH (60°-80°)	1632.9	23.2			G1/1800
FVH (80°-90°)	213.0	3.0			G2/225
BL (0°-30°)	67.7	1.0	B0/110		
BM (30°-60°)	921.5	13.1	B1/1000		
BH (60°-80°)	1632.9	23.2	B3/2500		G1/1800
BVH (80°-90°)	213.0	3.0			G2/225
UL (90°-100°)	269.0	3.8		U3/500	
UH (100°-180°)	1096.5	15.6		U5	

**BUG Rating: B3-U5-G2**

Type V Short





REPORT NUMBER: P856061

CATALOG NUMBER: FFX-CLB-50-722-U-FR-T5

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
2.5°	55.2	55.2	54.5	53.8	54.5	55.2	55.2	55.9	54.5	54.5	55.2
5°	73.9	73.9	73.9	73.1	71.7	71.7	71.0	73.1	73.9	74.6	74.6
7.5°	91.8	91.1	92.5	93.2	89.6	88.2	88.2	88.9	90.4	91.8	93.2
10°	104.0	103.3	104.0	106.9	106.1	104.0	104.0	104.0	106.1	109.7	110.4
12.5°	122.6	122.6	124.1	126.2	126.9	124.8	123.3	123.3	126.2	126.9	126.2
15°	142.7	142.7	142.0	141.3	142.0	141.3	141.3	142.0	144.1	143.4	143.4
17.5°	153.5	152.7	152.0	152.7	152.7	152.0	152.7	154.2	153.5	155.6	156.3
20°	164.9	164.9	163.5	163.5	163.5	164.2	164.9	164.2	164.9	165.7	166.4
22.5°	175.7	175.7	175.0	174.3	175.0	175.7	176.4	175.0	175.0	176.4	176.4
25°	187.9	187.9	187.9	185.7	186.5	187.2	186.5	185.7	186.5	187.2	187.9
27.5°	201.5	201.5	200.1	197.9	198.6	198.6	199.4	197.9	199.4	199.4	199.4
30°	213.0	211.6	210.8	209.4	209.4	210.8	212.3	210.1	210.8	210.8	211.6
32.5°	223.7	223.7	223.0	220.2	219.4	223.7	225.2	224.5	221.6	222.3	223.0
35°	263.9	263.9	258.9	253.9	258.2	257.5	263.2	263.2	263.2	264.6	267.5
37.5°	314.1	316.3	324.1	335.6	335.6	319.1	310.5	309.8	321.3	331.3	330.6
40°	358.6	360.7	358.6	360.0	358.6	359.3	360.0	358.6	352.1	350.0	345.7
42.5°	413.8	414.5	400.9	385.1	386.5	394.4	403.7	404.5	390.8	384.4	382.9
45°	452.5	453.9	448.9	446.8	446.8	449.6	448.9	448.9	443.9	443.2	441.8
47.5°	547.2	544.3	534.3	530.7	535.0	532.8	546.5	542.9	537.1	537.1	542.2
50°	725.7	722.9	723.6	720.0	731.5	715.0	731.5	727.2	718.6	722.9	726.5
52.5°	1017.6	999.7	1001.8	994.7	1014.7	999.7	1026.9	1023.3	995.4	1007.6	1008.3
55°	1437.8	1414.9	1413.5	1365.4	1402.7	1407.7	1442.2	1450.8	1396.3	1397.0	1400.6
57.5°	1854.5	1847.3	1870.3	1840.2	1866.7	1854.5	1853.8	1869.6	1838.0	1842.3	1853.8
60°	2130.6	2136.3	2162.2	2170.0	2179.4	2162.2	2127.0	2134.2	2132.0	2168.6	2171.5
62.5°	2278.3	2295.5	2276.9	2271.2	2263.3	2269.7	2265.4	2269.7	2256.8	2274.0	2274.7
65°	2273.3	2300.6	2266.9	2246.1	2233.1	2253.2	2259.0	2271.9	2244.6	2233.9	2233.9
67.5°	2129.2	2162.2	2109.1	2106.9	2075.4	2109.1	2099.8	2109.8	2088.3	2073.2	2058.9
70°	1771.3	1801.4	1737.6	1745.5	1691.0	1746.2	1731.9	1750.5	1733.3	1703.9	1686.7
72.5°	1334.6	1361.1	1313.8	1326.0	1290.1	1331.7	1309.5	1341.0	1330.3	1317.4	1303.0
75°	1009.7	1030.5	1033.4	1074.3	1031.2	1051.3	1011.2	1029.8	1047.7	1062.8	1047.0
77.5°	742.9	757.3	800.3	845.5	803.2	817.5	777.4	795.3	811.8	837.6	826.1
80°	524.9	541.4	580.9	614.6	583.7	596.7	570.8	580.9	593.8	612.4	600.2
82.5°	408.8	403.0	401.6	393.0	383.7	415.9	422.4	428.1	415.9	410.9	405.2
85°	342.8	344.2	352.8	363.6	363.6	364.3	357.8	360.7	365.7	375.1	375.8
87.5°	314.8	319.1	343.5	352.1	348.5	350.0	344.2	345.7	349.2	354.3	352.8
90°	277.5	288.3	311.2	319.8	314.1	317.0	314.1	316.3	313.4	314.8	312.0
92.5°	271.1	270.4	277.5	276.8	273.2	281.8	281.8	283.3	279.7	277.5	276.1
95°	251.0	249.6	248.8	251.0	243.1	249.6	248.1	251.0	249.6	249.6	246.7
97.5°	210.1	210.1	208.7	210.8	205.8	208.7	205.1	207.3	206.5	207.3	205.1
100°	193.6	193.6	192.2	192.2	190.0	190.8	189.3	189.3	188.6	187.9	187.9
102.5°	182.2	183.6	181.4	182.2	179.3	179.3	177.8	178.6	177.8	177.8	177.1
105°	171.4	172.1	170.7	170.7	168.5	167.8	166.4	167.1	167.8	166.4	166.4
107.5°	160.6	161.4	160.6	160.6	158.5	157.1	154.9	154.9	155.6	156.3	156.3
110°	164.9	162.8	160.6	159.2	162.1	157.8	156.3	155.6	156.3	158.5	159.2



REPORT NUMBER: P856061  
 CATALOG NUMBER: FFX-CLB-50-722-U-FR-T5

**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	197.2	195.8	195.8	189.3	196.5	192.2	189.3	184.3	186.5	187.9	187.9
115°	228.8	229.5	220.9	218.0	213.7	213.0	215.1	209.4	208.7	209.4	208.0
117.5°	256.7	241.7	209.4	200.8	198.6	197.2	195.8	194.3	192.9	201.5	192.2
120°	274.7	248.8	225.2	220.2	232.4	215.1	203.7	201.5	205.8	220.9	218.7
122.5°	389.4	367.2	350.0	319.8	350.0	332.7	337.1	329.2	324.9	316.3	317.7
125°	455.4	454.7	446.8	441.0	448.2	441.8	434.6	431.7	427.4	429.6	426.0
127.5°	423.1	429.6	419.5	431.0	405.2	412.4	410.9	415.9	411.6	413.1	407.3
130°	334.9	339.9	330.6	324.9	313.4	326.3	327.0	334.9	326.3	314.8	313.4
132.5°	292.6	296.2	281.8	274.7	266.8	278.2	283.3	287.6	281.8	269.6	266.8
135°	248.8	250.3	240.2	241.7	236.7	236.7	235.9	238.1	241.0	238.8	237.4
137.5°	213.7	217.3	213.7	218.0	213.7	210.1	204.4	206.5	213.0	218.0	217.3
140°	185.0	188.6	189.3	193.6	185.0	186.5	182.9	184.3	187.9	192.9	195.1
142.5°	164.2	167.1	160.6	157.1	154.2	162.8	169.2	170.0	165.7	159.9	162.1
145°	159.9	157.1	159.9	157.1	159.9	158.5	159.2	158.5	158.5	158.5	158.5
147.5°	162.1	164.9	164.9	164.9	160.6	161.4	162.1	162.8	162.8	165.7	164.9
150°	134.8	138.4	137.7	141.3	134.8	136.3	137.0	138.4	139.1	139.8	140.6
152.5°	114.0	114.7	116.9	118.3	117.6	116.9	116.2	116.2	117.6	119.0	119.8
155°	111.2	111.2	113.3	115.5	113.3	113.3	112.6	112.6	113.3	115.5	115.5
157.5°	106.9	107.6	107.6	109.0	107.6	108.3	107.6	107.6	108.3	109.0	109.7
160°	104.7	105.4	105.4	105.4	105.4	105.4	105.4	105.4	105.4	106.1	106.1
162.5°	104.7	104.7	104.7	104.0	104.0	104.7	104.7	104.7	104.7	104.0	104.7
165°	106.9	106.1	105.4	104.7	105.4	106.9	107.6	107.6	106.9	105.4	106.1
167.5°	111.2	111.2	110.4	109.7	110.4	111.2	111.9	111.9	111.2	110.4	110.4
170°	115.5	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7
172.5°	118.3	118.3	119.0	118.3	119.0	119.0	118.3	118.3	118.3	118.3	119.0
175°	122.6	122.6	122.6	122.6	123.3	123.3	123.3	123.3	123.3	123.3	123.3
177.5°	125.5	125.5	125.5	125.5	125.5	125.5	125.5	125.5	125.5	125.5	125.5
180°	126.2	126.2	126.2	126.2	126.2	126.2	126.2	126.2	126.2	126.2	126.2



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



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

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2406-133-2

Test Date: 07/11/2024

Luminaire Tested: FFX-CLB-100-722-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-722-U-FR-T5.

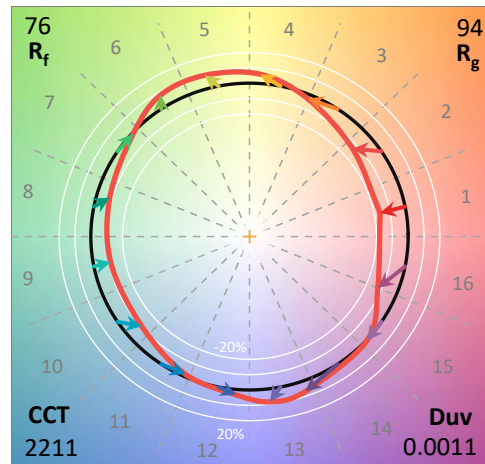
**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2406-133-2  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Photometer: SP1 - 76IN SPHERE  
 Measurement Geometry: 4π  
 Issue Date: 07/12/2024  
 Manufacturer: COOPER LIGHTING SOLUTIONS  
 Product Line: Streetworks  
 Catalog Number: **FFX-CLB-100-722-U-FR-T5**  
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

**Spectral Parameters**

CCT (K): 2211  
 CIE u': 0.2892  
 CIE v': 0.5376  
 Duv: 0.0011  
 CIE x: 0.5069  
 CIE y: 0.4188  
 CIE z: 0.0743  
 Peak Wavelength (nm): 606  
 Dominant Wavelength (nm): 586  
 Purity: 77.8805  
 Rf: 76.1  
 Rg: 94.3

CRI (Ra):	71.4		
R1:	68.2	R9:	-29.2
R2:	85.0	R10:	67.8
R3:	94.0	R11:	60.7
R4:	65.1	R12:	59.0
R5:	66.6	R13:	71.3
R6:	81.8	R14:	97.6
R7:	73.4	R15:	58.9
R8:	37.3		



**Test Conditions**

Stabilization Time: 0.813563M  
 Operation Time: 1H  
 Sphere Temperature (°C): 24.7

REPORT NUMBER: SP1-2406-133-2

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2406-133-2

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2406-133-2

**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

REPORT NUMBER: SP1-2406-133-2

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 0.87**

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

REPORT NUMBER: SP1-2406-133-2

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.42

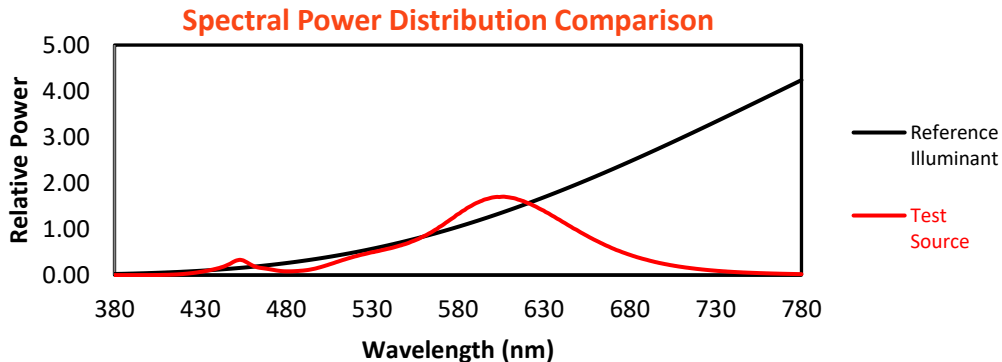
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

REPORT NUMBER: SP1-2406-133-2

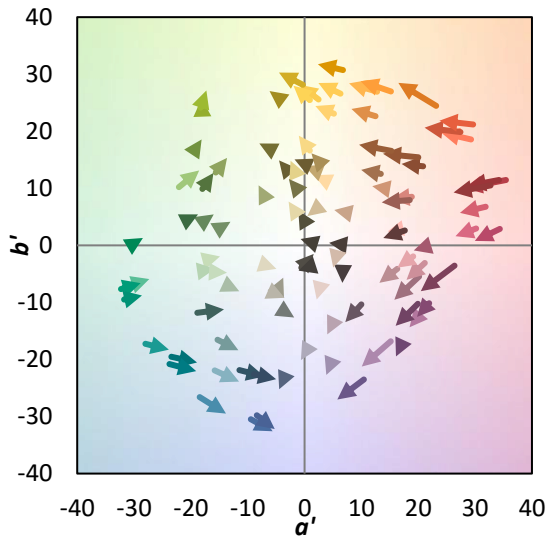
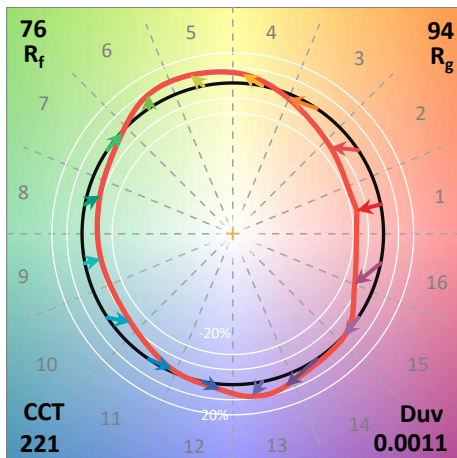
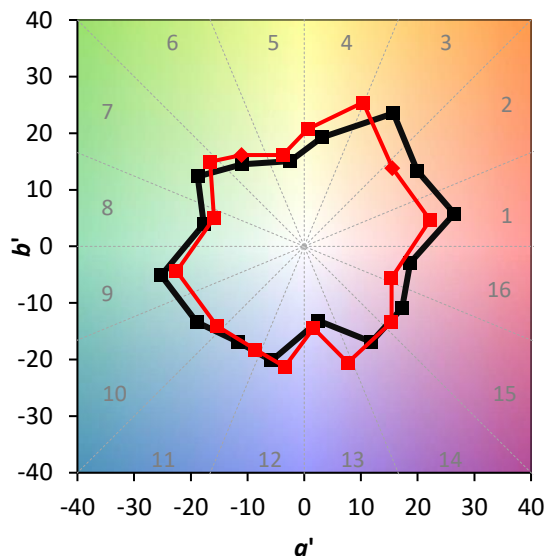
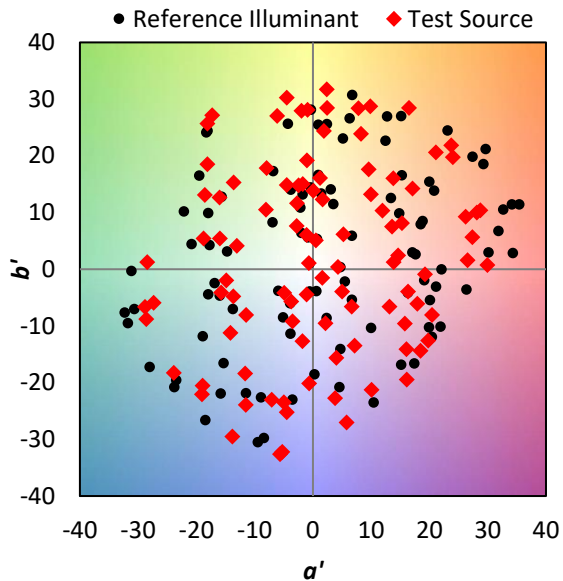
TM-30-18

**Summary**

$R_f = 76.1$   
 $R_g = 94.3$   
 CIE  $R_a = 71.4$   
 $R_9 = -29.2$



**Color Vector Graphics**



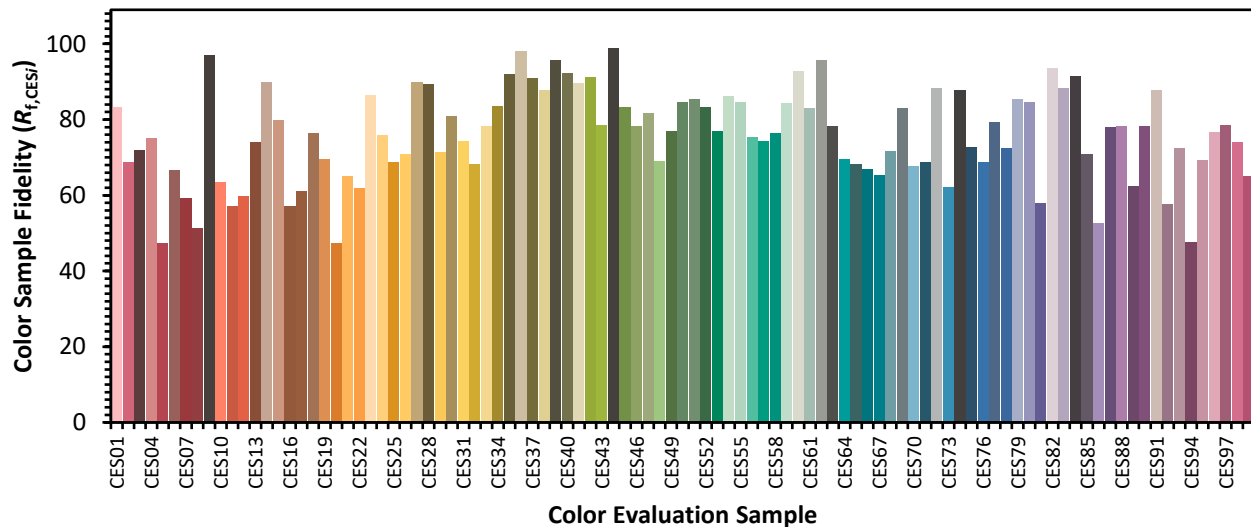


REPORT NUMBER: SP1-2406-133-2

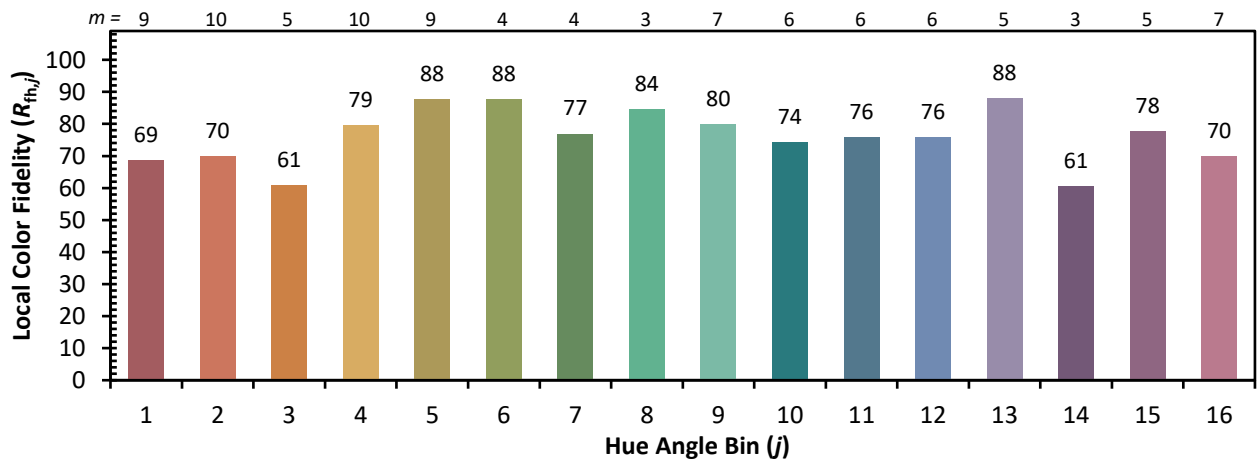
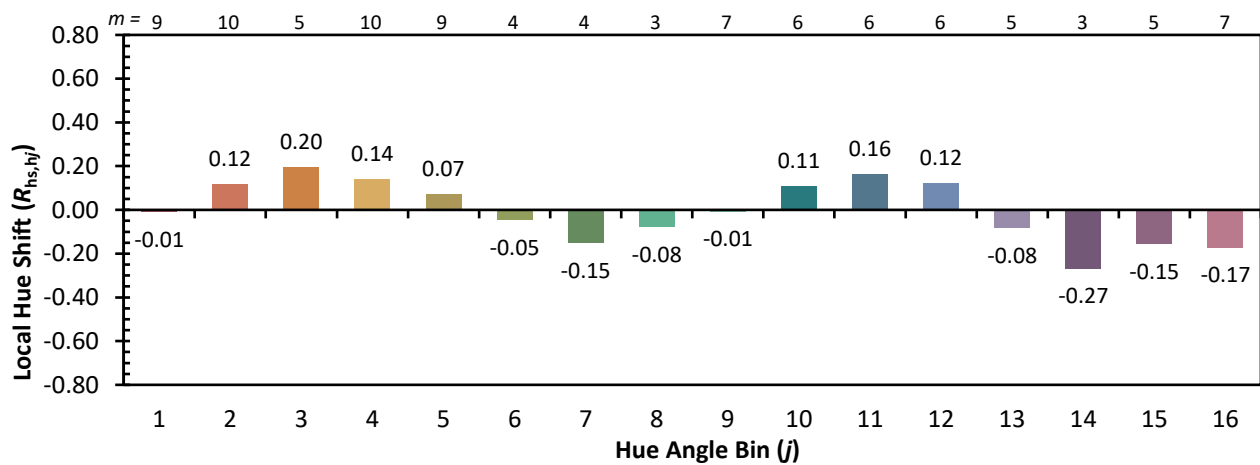
TM-30-18

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

CES01 = 87	CES26 = 71	CES51 = 85	CES76 = 69
CES02 = 65	CES27 = 90	CES52 = 83	CES77 = 79
CES03 = 32	CES28 = 89	CES53 = 77	CES78 = 72
CES04 = 72	CES29 = 71	CES54 = 86	CES79 = 86
CES05 = 52	CES30 = 81	CES55 = 85	CES80 = 85
CES06 = 52	CES31 = 74	CES56 = 75	CES81 = 58
CES07 = 44	CES32 = 68	CES57 = 74	CES82 = 93
CES08 = 42	CES33 = 78	CES58 = 76	CES83 = 88
CES09 = 29	CES34 = 84	CES59 = 84	CES84 = 92
CES10 = 79	CES35 = 92	CES60 = 93	CES85 = 71
CES11 = 62	CES36 = 98	CES61 = 83	CES86 = 53
CES12 = 68	CES37 = 91	CES62 = 96	CES87 = 78
CES13 = 45	CES38 = 88	CES63 = 78	CES88 = 78
CES14 = 75	CES39 = 96	CES64 = 69	CES89 = 63
CES15 = 72	CES40 = 92	CES65 = 68	CES90 = 78
CES16 = 49	CES41 = 90	CES66 = 67	CES91 = 88
CES17 = 51	CES42 = 91	CES67 = 65	CES92 = 58
CES18 = 57	CES43 = 79	CES68 = 72	CES93 = 72
CES19 = 74	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 68	CES45 = 83	CES70 = 68	CES95 = 69
CES21 = 88	CES46 = 78	CES71 = 69	CES96 = 77
CES22 = 81	CES47 = 82	CES72 = 88	CES97 = 79
CES23 = 92	CES48 = 69	CES73 = 62	CES98 = 74
CES24 = 92	CES49 = 77	CES74 = 88	CES99 = 65
CES25 = 74	CES50 = 85	CES75 = 73	



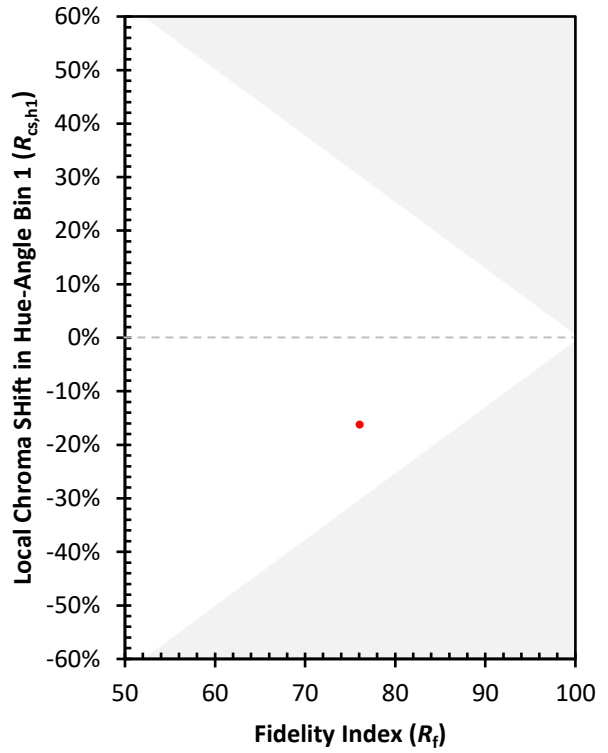
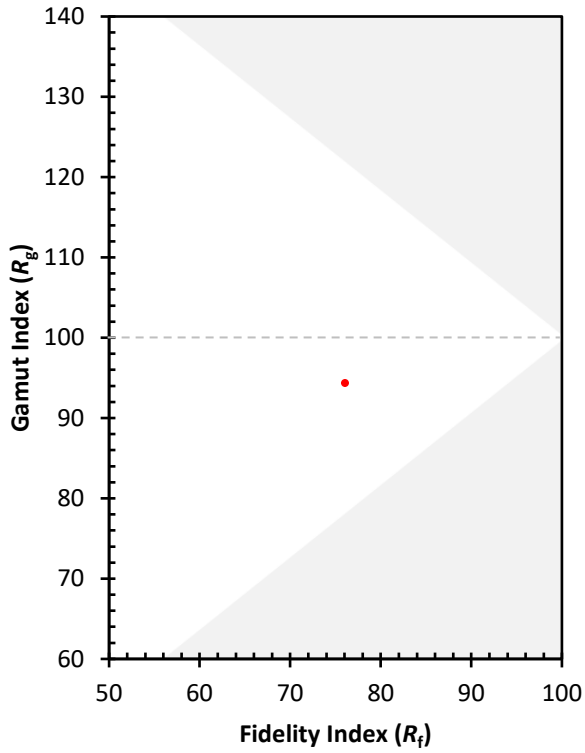
Color Rendition by Hue-Angle Bin



REPORT NUMBER: SP1-2406-133-2

TM-30-18

Measure Comparisons



(END OF REPORT)