

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: P856316

Luminaire Tested: **FFX-CLB-20-740-U-FG**

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856316  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 07/16/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: FFX-CLB-20-740-U-FG  
Description: FAIRFAX POST TOP FIXTURE w/ FROSTED GLOBE  
Light Source: (6) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

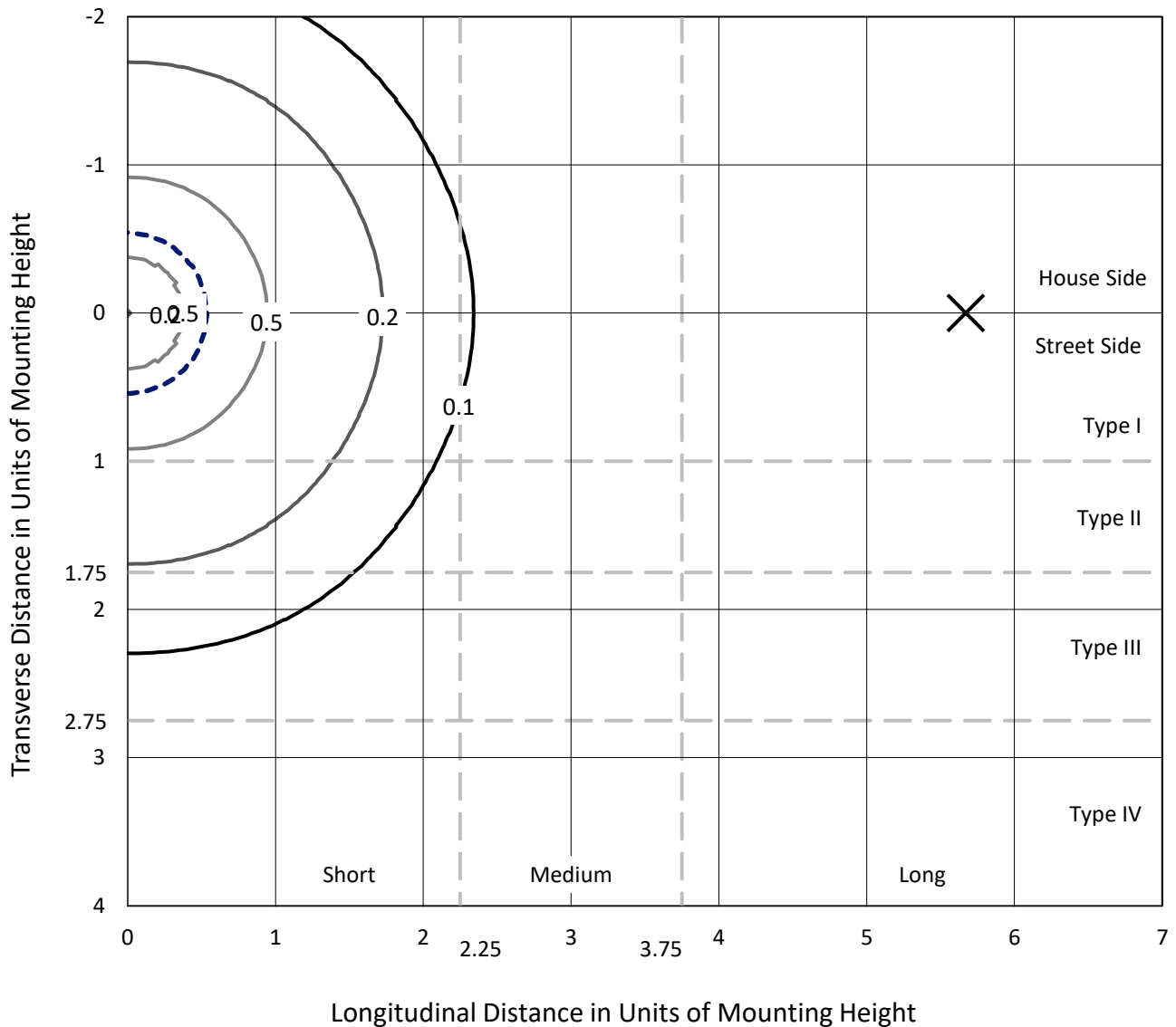
Lumens per Lamp: N/A  
Luminaire Lumens: 3422.2 lumens  
Efficiency: N/A  
Efficacy: 175.5 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')  
IES Classification: Type V - Short  
BUG Rating: B1 - U5 - G2

Input Watts (W): 19.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.99  
Total Harmonic Distortion (THDi): 9.8%  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Iso-Footcandle Lines of Horizontal Illumination

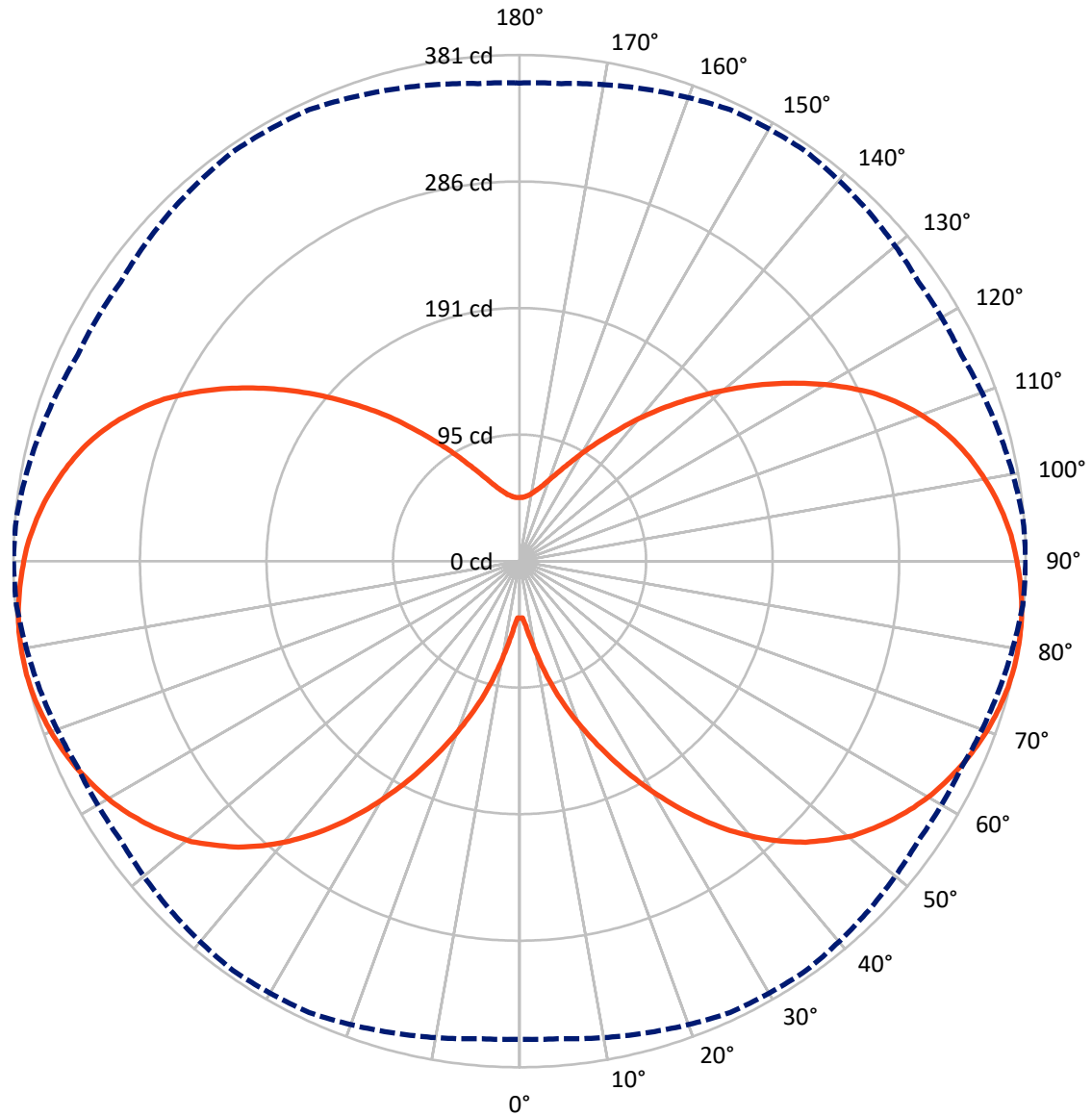
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 0.6 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral      - - - Horizontal Cone Through 80-Deg Vertical

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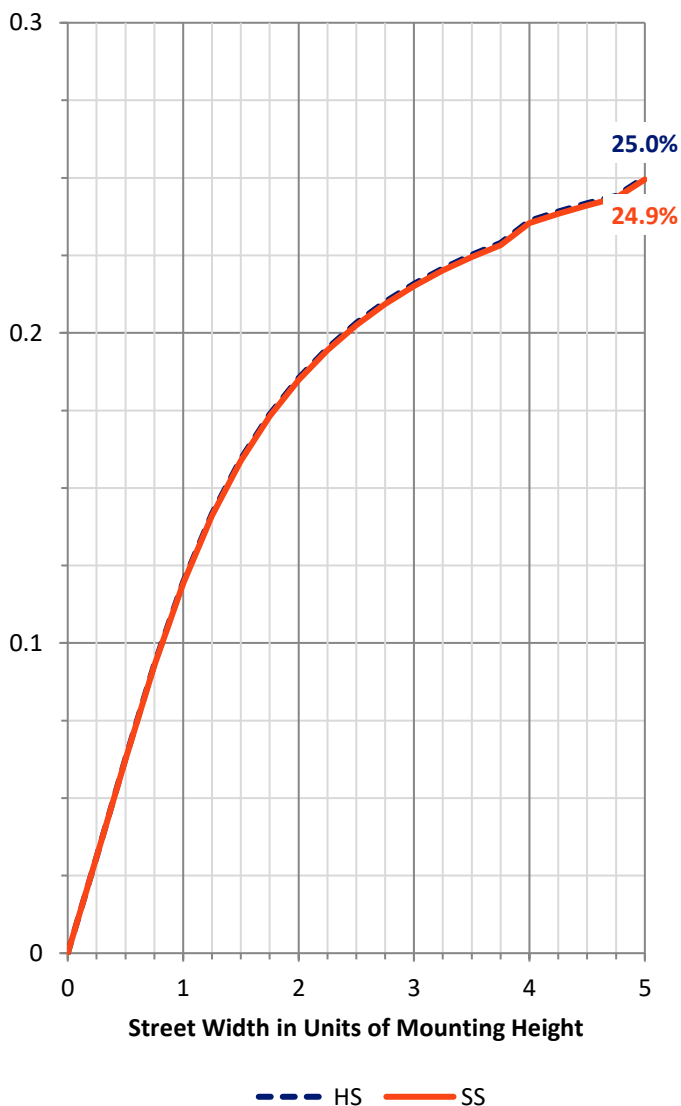
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	973.7	737.5	1711.1
	% Fixture	28.5	21.5	50.0
<b>Street Side</b>	Lumens	973.7	737.5	1711.1
	% Fixture	28.5	21.5	50.0
<b>Total</b>	Lumens	1947.3	1474.9	3422.2
	% Fixture	56.9	43.1	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	5.4	0.2
10°-20°	29.9	0.9
20°-30°	78.5	2.3
30°-40°	150.1	4.4
40°-50°	230.8	6.7
50°-60°	302.3	8.8
60°-70°	356.8	10.4
70°-80°	391.4	11.4
80°-90°	402.2	11.8
90°-100°	387.5	11.3
100°-110°	347.4	10.2
110°-120°	282.3	8.2
120°-130°	201.7	5.9
130°-140°	127.6	3.7
140°-150°	71.4	2.1
150°-160°	36.0	1.1
160°-170°	16.3	0.5
170°-180°	4.7	0.1
0°-90°	1947.3	56.9
0°-180°	3422.2	100.0



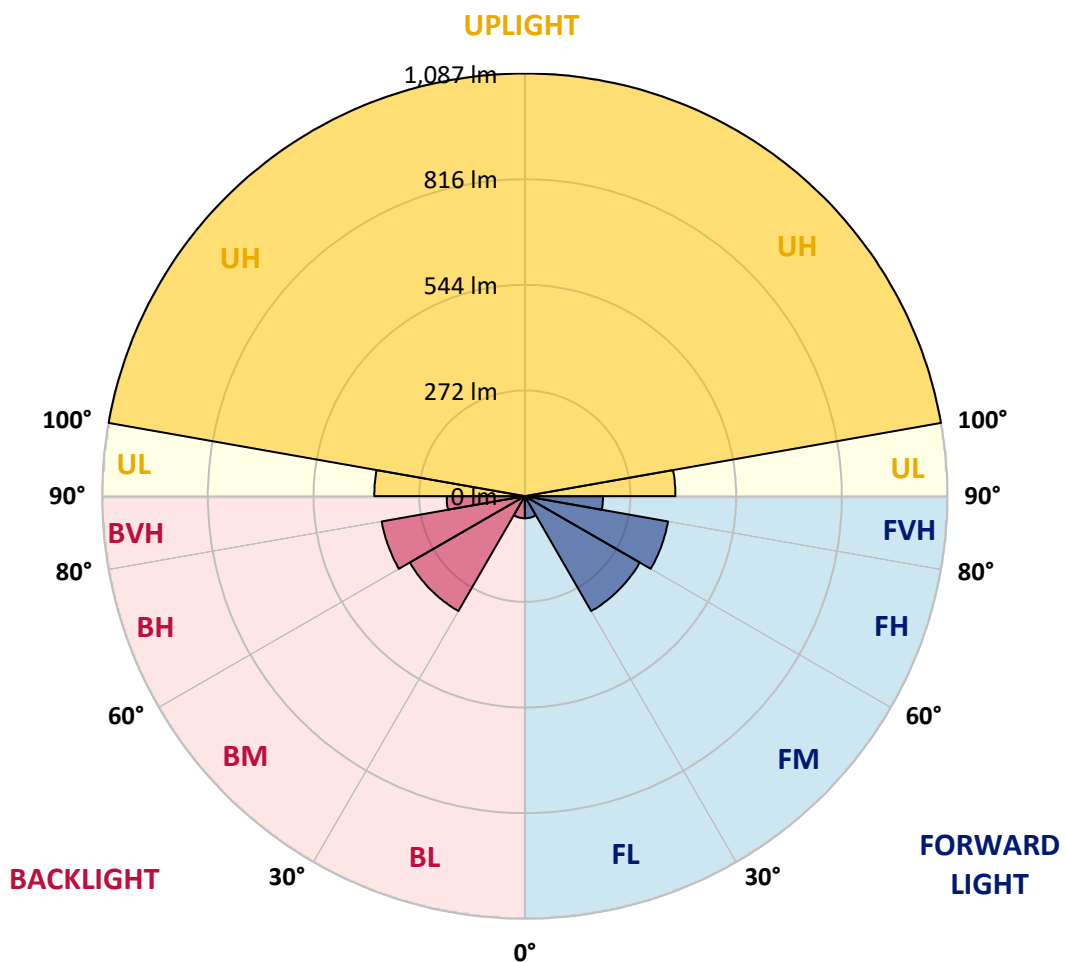
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	56.9	1.7			
FM (30°-60°)	341.6	10.0			
FH (60°-80°)	374.1	10.9			G0/660
FVH (80°-90°)	201.1	5.9			G2/225
BL (0°-30°)	56.9	1.7	B0/110		
BM (30°-60°)	341.6	10.0	B1/1000		
BH (60°-80°)	374.1	10.9	B1/500		G0/660
BVH (80°-90°)	201.1	5.9			G2/225
UL (90°-100°)	387.5	11.3		U3/500	
UH (100°-180°)	1087.5	31.8		U5	

**BUG Rating: B1-U5-G2**

Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
2.5°	45.1	45.1	44.9	44.4	44.2	44.0	43.6	43.0	42.8	42.8	42.8
5°	49.1	49.3	49.3	49.1	49.3	48.9	48.9	48.4	48.6	48.6	48.9
7.5°	59.0	59.0	59.2	59.2	59.4	59.0	59.2	59.0	59.2	59.2	59.0
10°	71.8	71.8	72.2	71.8	72.0	71.6	71.4	71.4	72.0	71.8	71.6
12.5°	86.3	86.8	86.6	86.3	86.8	86.3	85.9	86.1	87.0	86.6	86.3
15°	101.7	102.1	102.6	101.9	102.1	101.9	101.7	101.9	102.8	102.4	102.1
17.5°	117.3	117.5	117.9	117.1	117.3	117.5	117.3	117.5	118.1	117.9	117.7
20°	132.9	133.3	133.7	132.9	133.1	133.3	133.1	133.3	134.2	133.7	133.5
22.5°	149.3	149.5	150.4	149.3	149.7	149.9	149.5	149.9	150.8	150.4	150.2
25°	166.4	166.2	167.4	166.6	166.8	167.2	166.8	167.2	168.3	168.3	167.6
27.5°	183.9	183.9	184.9	184.3	184.7	184.5	184.9	185.3	186.4	186.6	186.0
30°	201.3	201.3	203.0	202.0	202.6	202.8	202.8	203.2	204.5	204.9	204.1
32.5°	218.8	218.8	219.7	219.9	220.3	220.5	220.9	220.9	222.6	222.8	222.4
35°	235.9	235.9	236.7	237.1	238.2	237.8	238.4	238.4	240.3	240.5	240.3
37.5°	252.1	252.3	253.4	253.8	254.6	254.6	255.0	255.5	257.1	257.8	257.6
40°	267.5	267.9	268.7	269.6	270.4	270.4	270.6	271.3	273.2	273.8	273.6
42.5°	281.4	281.6	282.8	284.1	284.9	284.9	285.2	285.6	287.7	288.5	288.5
45°	293.6	294.2	295.9	297.6	298.4	298.2	298.2	298.8	301.2	302.2	302.2
47.5°	305.0	305.8	307.7	309.4	310.2	310.2	310.0	310.6	313.2	314.4	313.8
50°	315.1	315.7	317.8	320.3	321.0	321.0	320.3	321.0	323.7	325.4	325.4
52.5°	323.5	324.1	326.6	329.4	330.2	330.0	329.2	329.8	332.5	334.4	334.2
55°	330.6	331.5	334.2	337.6	338.4	337.8	336.8	337.4	340.3	342.9	342.7
57.5°	337.2	337.8	341.0	344.5	345.8	344.8	343.3	343.9	347.3	350.0	350.2
60°	342.7	343.3	346.9	351.1	352.1	350.9	349.0	349.6	353.4	356.5	357.0
62.5°	347.3	347.9	351.9	356.5	358.0	356.1	353.8	354.4	358.7	362.2	362.4
65°	351.1	351.7	356.3	361.2	362.7	360.6	357.8	358.4	363.1	367.1	367.5
67.5°	354.0	354.9	360.1	365.4	366.7	364.1	361.0	361.6	366.7	371.3	371.7
70°	356.5	357.6	363.1	368.8	370.2	367.3	363.5	364.3	370.0	374.7	375.3
72.5°	358.4	359.5	365.4	371.5	373.2	369.6	365.4	366.2	372.3	377.4	378.0
75°	359.7	360.8	367.1	373.6	375.1	371.3	366.7	367.5	373.8	379.3	380.1
77.5°	360.3	361.4	368.1	374.9	376.3	371.9	367.1	367.9	374.5	380.3	381.2
80°	360.3	361.2	368.1	375.3	376.6	372.1	366.9	367.5	374.2	380.6	381.4
82.5°	359.7	360.6	367.7	374.9	376.1	371.3	365.8	366.7	373.6	379.9	381.0
85°	358.2	359.1	366.2	373.6	374.9	369.6	363.9	364.8	371.7	378.5	379.5
87.5°	356.1	357.2	364.1	371.5	372.6	367.1	361.6	362.0	369.4	376.3	377.2
90°	353.6	354.7	361.2	368.6	369.6	364.1	358.4	359.1	366.2	373.4	374.2
92.5°	350.7	351.5	357.8	364.6	365.8	360.1	354.7	355.5	362.7	369.8	370.9
95°	346.9	347.5	353.4	359.7	360.8	355.7	350.2	351.1	358.2	365.2	366.2
97.5°	342.2	342.7	347.9	353.6	354.9	350.0	345.0	345.8	352.8	359.7	361.0
100°	337.0	337.2	341.8	346.7	347.7	343.7	339.1	340.1	346.7	353.8	354.7
102.5°	330.9	330.9	334.6	338.6	339.9	336.5	332.5	333.6	339.9	346.7	347.7
105°	324.1	323.5	326.2	329.4	330.9	328.3	325.4	326.2	332.1	338.6	339.9
107.5°	315.7	315.1	317.0	319.7	321.2	319.3	317.0	318.2	323.3	329.4	330.6
110°	306.2	305.4	306.2	308.3	310.0	308.7	307.5	308.5	313.4	319.1	319.9



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 CATALOG NUMBER: FFX-CLB-20-740-U-FG

**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	295.3	294.2	294.4	295.9	297.4	297.2	296.3	298.0	302.0	306.6	307.7
115°	282.6	281.6	280.9	281.8	283.0	283.9	284.7	285.8	288.9	292.7	294.4
117.5°	269.4	267.7	266.6	266.6	268.1	269.6	271.0	272.5	274.6	278.2	278.8
120°	254.0	252.9	251.5	251.5	252.7	254.2	256.5	258.2	259.5	262.0	262.8
122.5°	238.8	237.3	235.9	235.9	236.7	238.8	242.0	243.5	244.1	245.6	246.2
125°	223.4	221.8	220.1	220.1	220.9	223.0	226.6	227.9	228.3	228.9	229.6
127.5°	207.9	206.2	204.7	204.1	205.3	207.0	210.6	212.3	212.5	212.5	212.9
130°	192.3	191.0	189.5	188.9	190.2	191.6	195.6	197.3	196.5	196.5	196.7
132.5°	177.5	176.3	174.8	174.4	175.2	177.1	180.7	182.2	181.5	180.7	180.9
135°	163.2	162.2	160.3	160.1	161.3	162.2	165.5	167.0	166.4	165.5	165.7
137.5°	149.5	148.5	146.8	146.6	147.8	148.9	151.4	152.9	152.1	151.2	151.4
140°	136.5	135.2	133.9	133.7	134.6	135.6	137.9	138.8	137.9	137.3	137.5
142.5°	124.3	123.4	121.9	121.9	122.4	123.2	125.1	125.9	125.1	124.3	123.8
145°	112.7	111.6	110.8	110.6	111.0	111.8	113.1	113.9	113.1	112.5	112.0
147.5°	102.4	101.5	100.7	100.7	100.9	101.5	102.6	102.8	102.1	101.7	101.3
150°	92.9	92.0	91.6	91.4	91.6	91.8	92.7	93.1	92.5	92.0	91.6
152.5°	84.2	83.6	83.2	83.4	83.4	83.6	83.8	84.0	83.4	83.4	83.0
155°	76.7	76.2	75.8	76.0	76.0	76.0	76.2	76.2	75.8	75.8	75.6
157.5°	70.3	69.9	69.7	69.9	69.9	69.7	69.9	69.9	69.5	69.5	69.3
160°	64.9	64.4	64.4	64.4	64.4	64.2	64.7	64.4	64.2	64.0	64.0
162.5°	60.4	60.0	60.0	60.2	60.0	60.0	60.0	60.0	59.8	59.8	59.6
165°	56.9	56.4	56.4	56.7	56.4	56.4	56.4	56.4	56.2	56.2	56.2
167.5°	53.9	53.7	53.7	53.7	53.7	53.5	53.7	53.7	53.5	53.5	53.5
170°	51.6	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.2	51.2
172.5°	50.1	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.7	49.7	49.7
175°	49.1	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.6	48.6
177.5°	48.4	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.0	48.0
180°	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0



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

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2406-133-1

Test Date: 07/11/2024

Luminaire Tested: FFX-CLB-100-740-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-740-U-FR-T5.

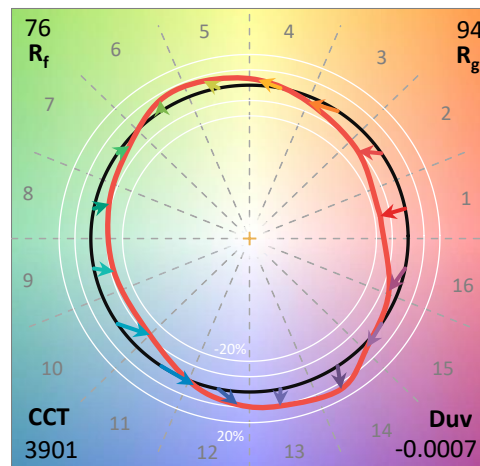
**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2406-133-1  
 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-100-740-U-FR-T5**  
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

**Spectral Parameters**

CCT (K): 3901  
 CIE u': 0.2273  
 CIE v': 0.5026  
 Duv: -0.0007  
 CIE x: 0.3844  
 CIE y: 0.3776  
 CIE z: 0.2380  
 Peak Wavelength (nm): 451  
 Dominant Wavelength (nm): 579  
 Purity: 28.6799  
 Rf: 76.2  
 Rg: 94.4

CRI (Ra):	74.5		
R1:	71.8	R9:	-23.4
R2:	81.9	R10:	56.6
R3:	89.3	R11:	68.4
R4:	72.6	R12:	46.6
R5:	71.3	R13:	73.7
R6:	74.0	R14:	93.9
R7:	81.5	R15:	65.1
R8:	53.3		



**Test Conditions**

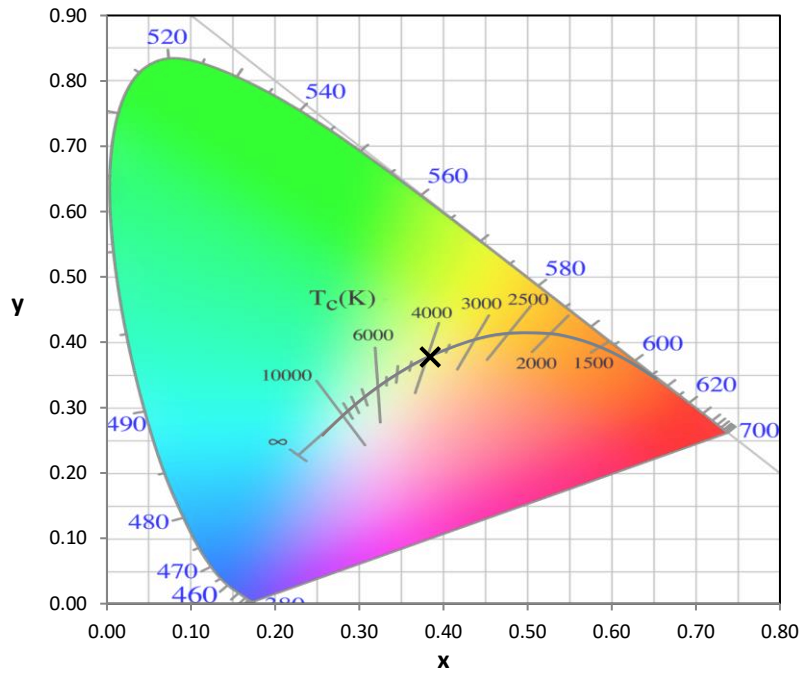
Stabilization Time: 0.818109M  
 Operation Time: 1H  
 Sphere Temperature (°C): 24.6

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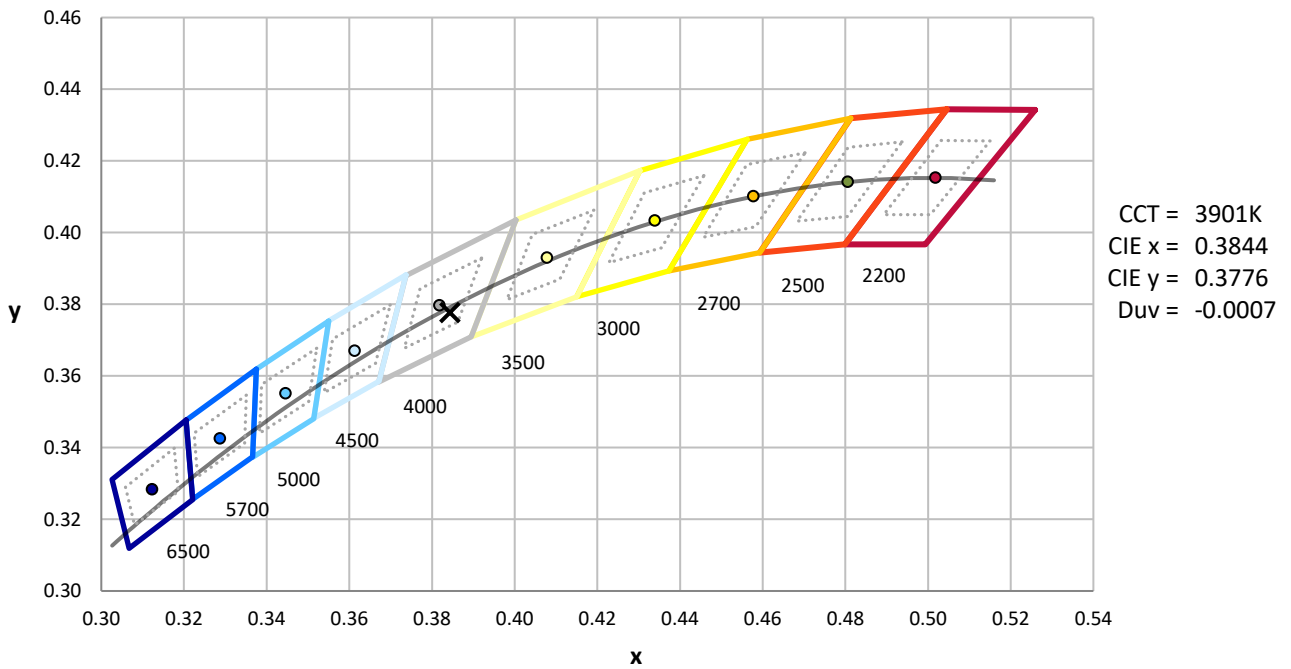
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 4000K 4-step quadrangle

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**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.53

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	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.04

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	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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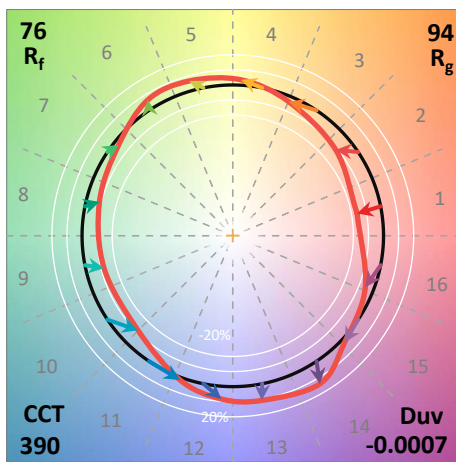
TM-30-18

**Summary**

$R_f = 76.2$   
 $R_g = 94.4$   
 CIE  $R_a = 74.5$   
 $R_g = -23.4$



**Color Vector Graphics**



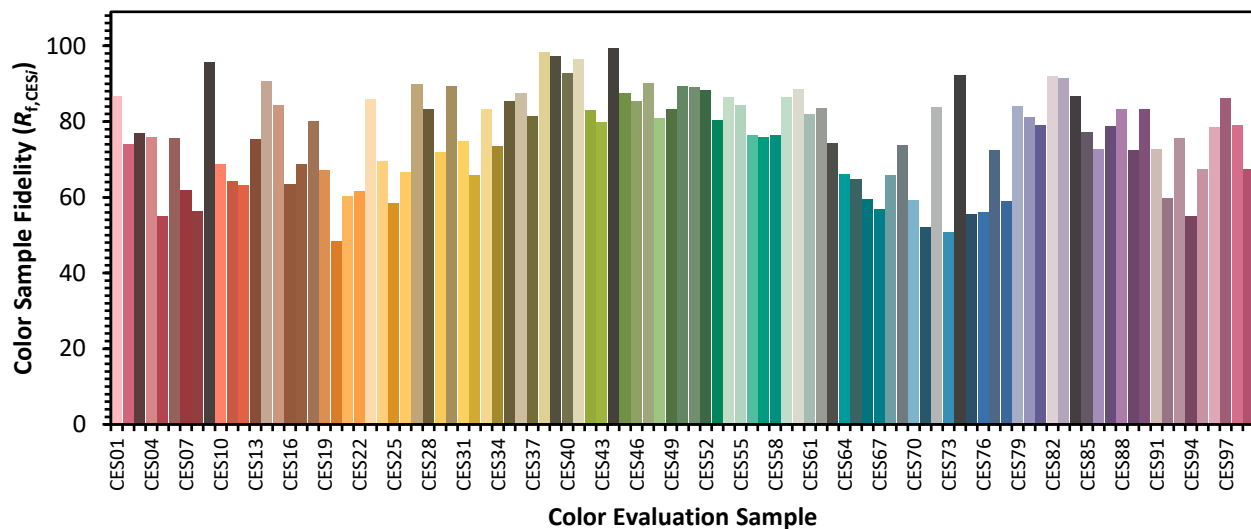


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**Individual Sample Fidelity Index ( $R_{f,i}$ )**

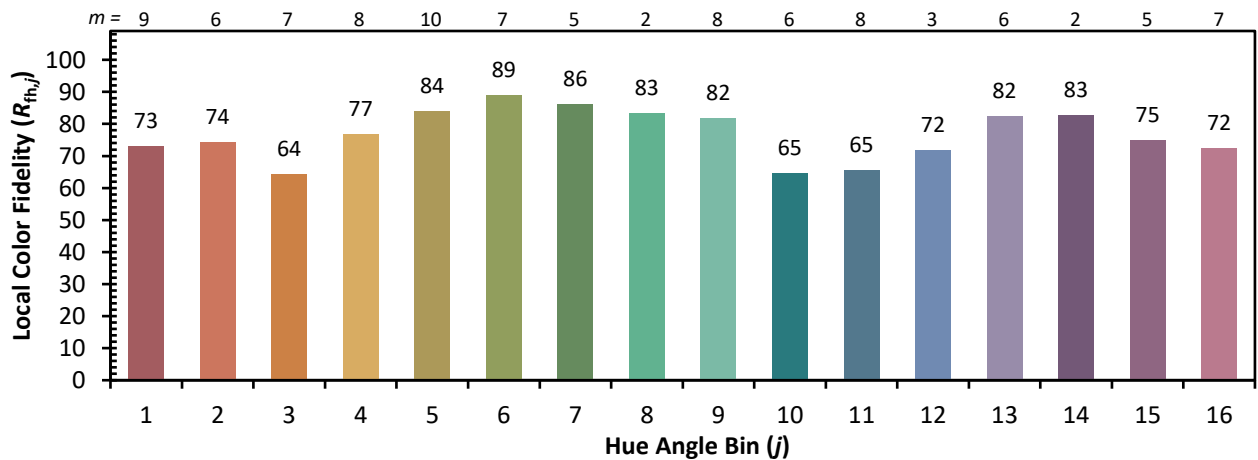
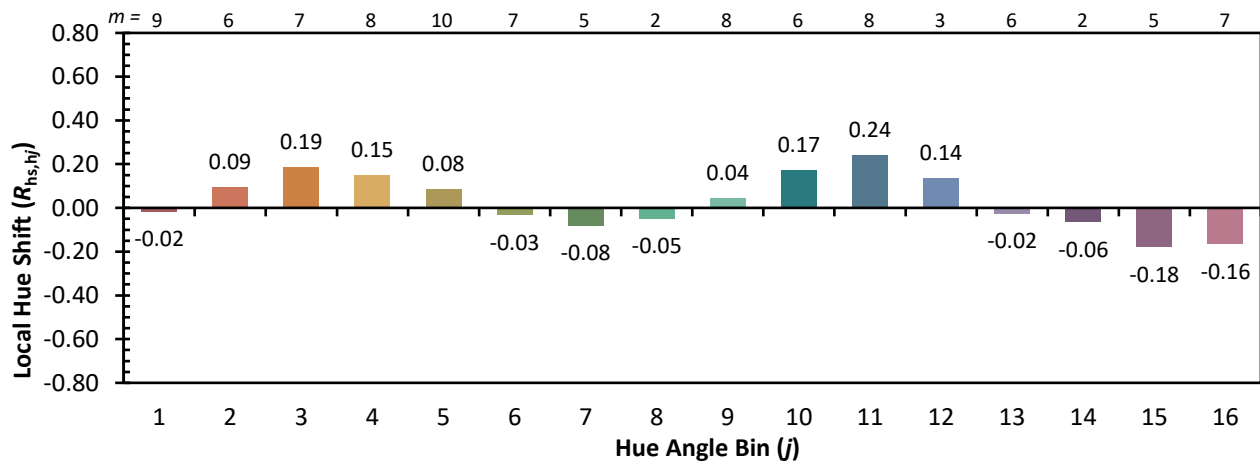
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CES02 = 61	CES27 = 90	CES52 = 88	CES77 = 72
CES03 = 30	CES28 = 83	CES53 = 80	CES78 = 59
CES04 = 70	CES29 = 72	CES54 = 86	CES79 = 84
CES05 = 48	CES30 = 89	CES55 = 84	CES80 = 81
CES06 = 51	CES31 = 75	CES56 = 77	CES81 = 79
CES07 = 40	CES32 = 66	CES57 = 76	CES82 = 92
CES08 = 39	CES33 = 83	CES58 = 76	CES83 = 92
CES09 = 29	CES34 = 74	CES59 = 86	CES84 = 87
CES10 = 74	CES35 = 85	CES60 = 89	CES85 = 77
CES11 = 57	CES36 = 87	CES61 = 82	CES86 = 73
CES12 = 63	CES37 = 81	CES62 = 84	CES87 = 79
CES13 = 42	CES38 = 98	CES63 = 74	CES88 = 83
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 72
CES15 = 71	CES40 = 93	CES65 = 65	CES90 = 83
CES16 = 46	CES41 = 96	CES66 = 59	CES91 = 73
CES17 = 49	CES42 = 83	CES67 = 57	CES92 = 60
CES18 = 56	CES43 = 80	CES68 = 66	CES93 = 75
CES19 = 72	CES44 = 99	CES69 = 74	CES94 = 55
CES20 = 65	CES45 = 87	CES70 = 59	CES95 = 67
CES21 = 86	CES46 = 85	CES71 = 52	CES96 = 78
CES22 = 78	CES47 = 90	CES72 = 84	CES97 = 86
CES23 = 92	CES48 = 81	CES73 = 51	CES98 = 79
CES24 = 91	CES49 = 83	CES74 = 92	CES99 = 68
CES25 = 72	CES50 = 89	CES75 = 56	



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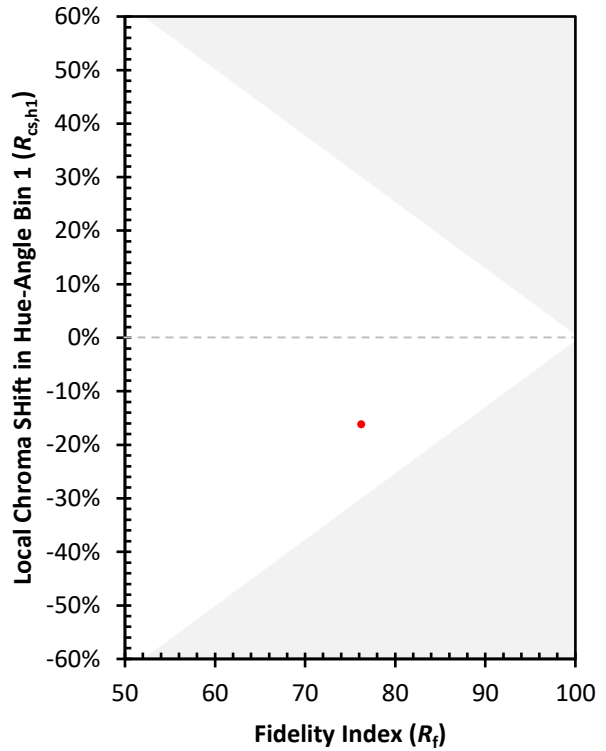
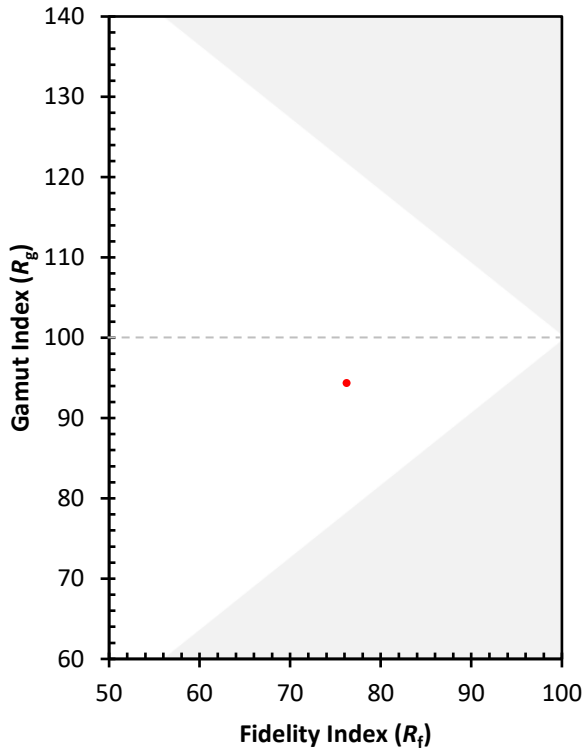
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)