

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: P856266

Luminaire Tested: **FFX-CLB-70-740-U-PG**

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856266  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 07/16/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: FFX-CLB-70-740-U-PG  
Description: FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE  
Light Source: (6) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

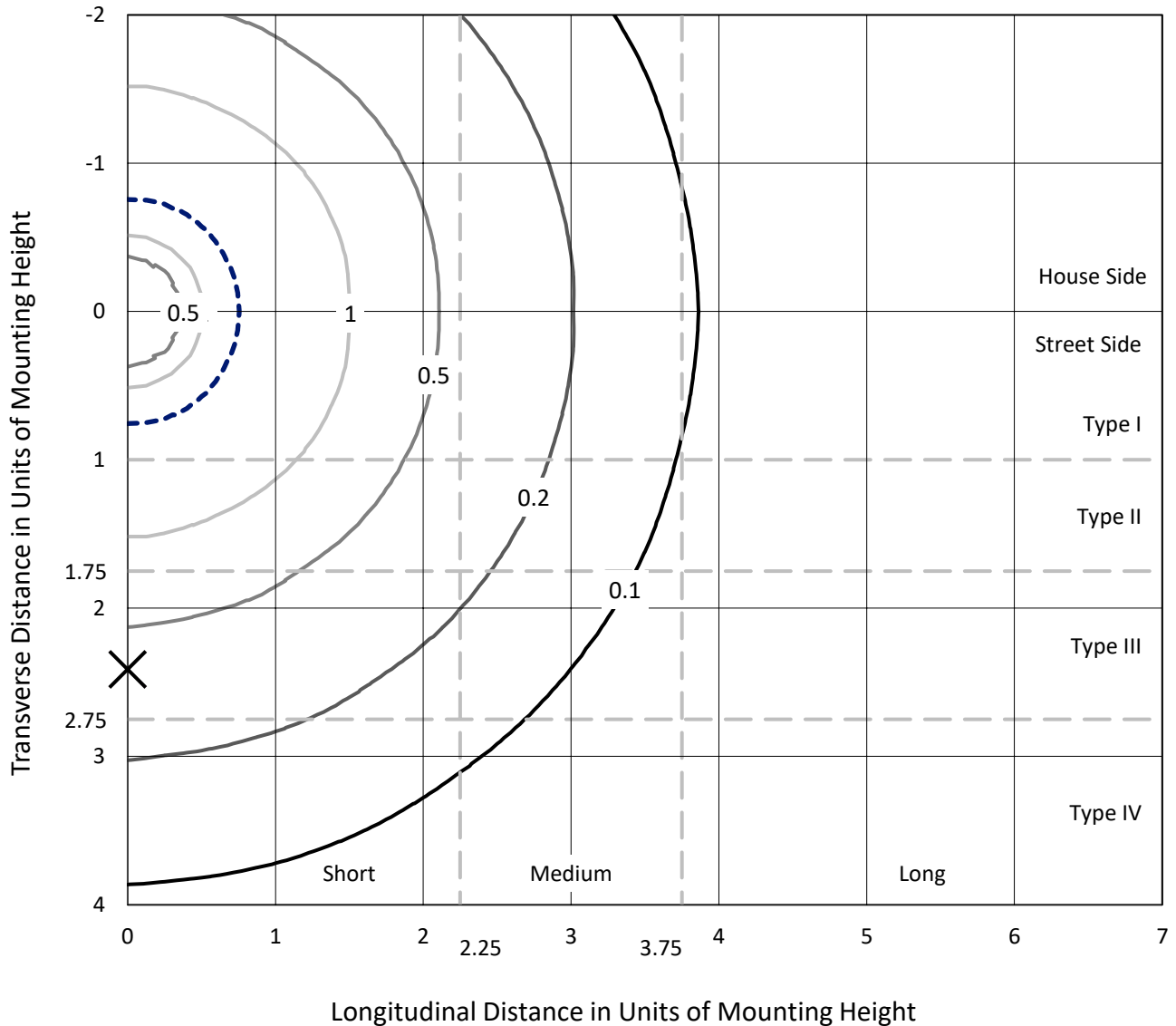
Lumens per Lamp: N/A  
Luminaire Lumens: 11638.4 lumens  
Efficiency: N/A  
Efficacy: 165.6 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')  
IES Classification: Type V - Short  
BUG Rating: B3 - U5 - G4

Input Watts (W): 70.3  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.99  
Total Harmonic Distortion (THDi): 7.1%%  
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

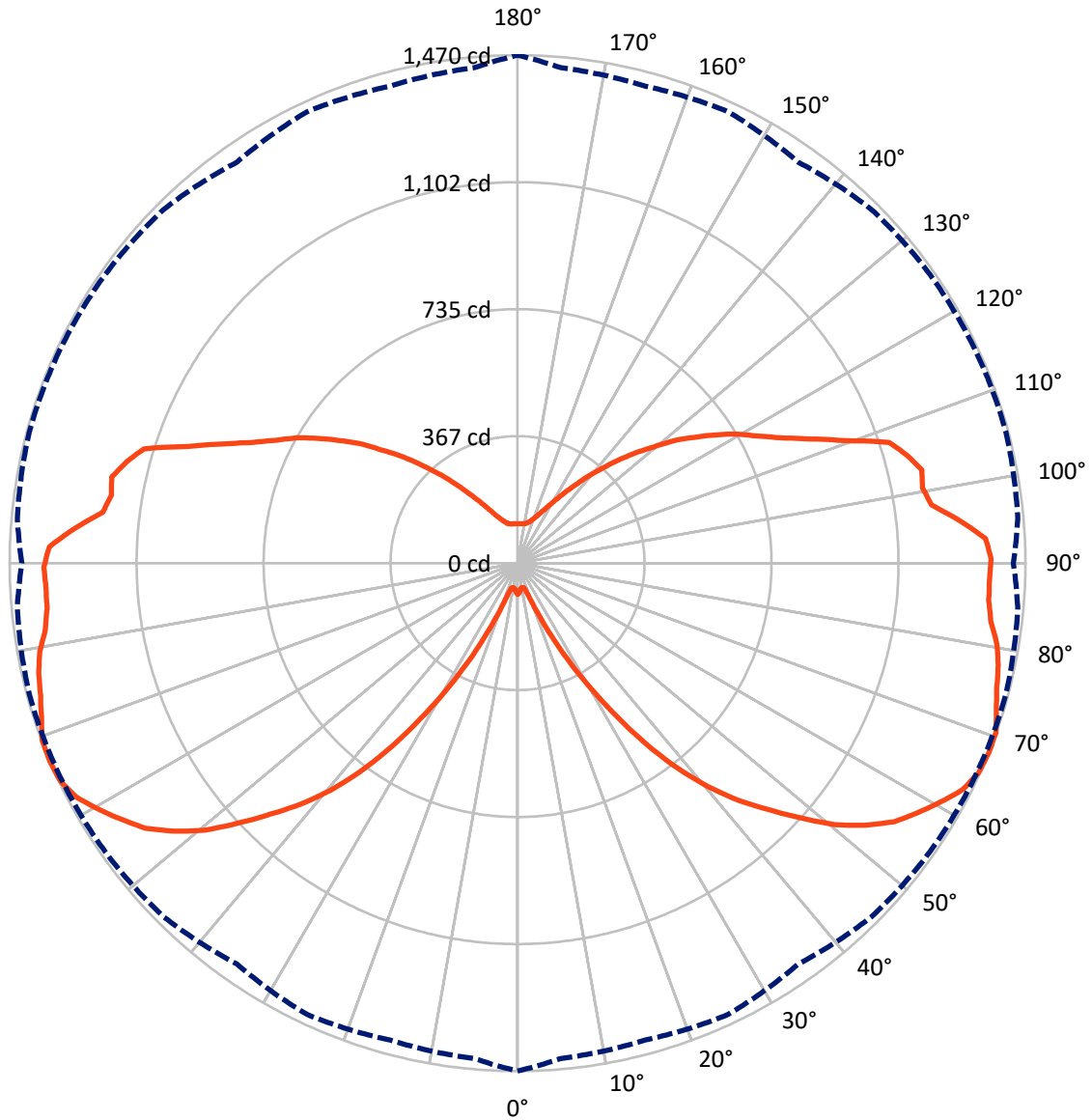
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.7 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical

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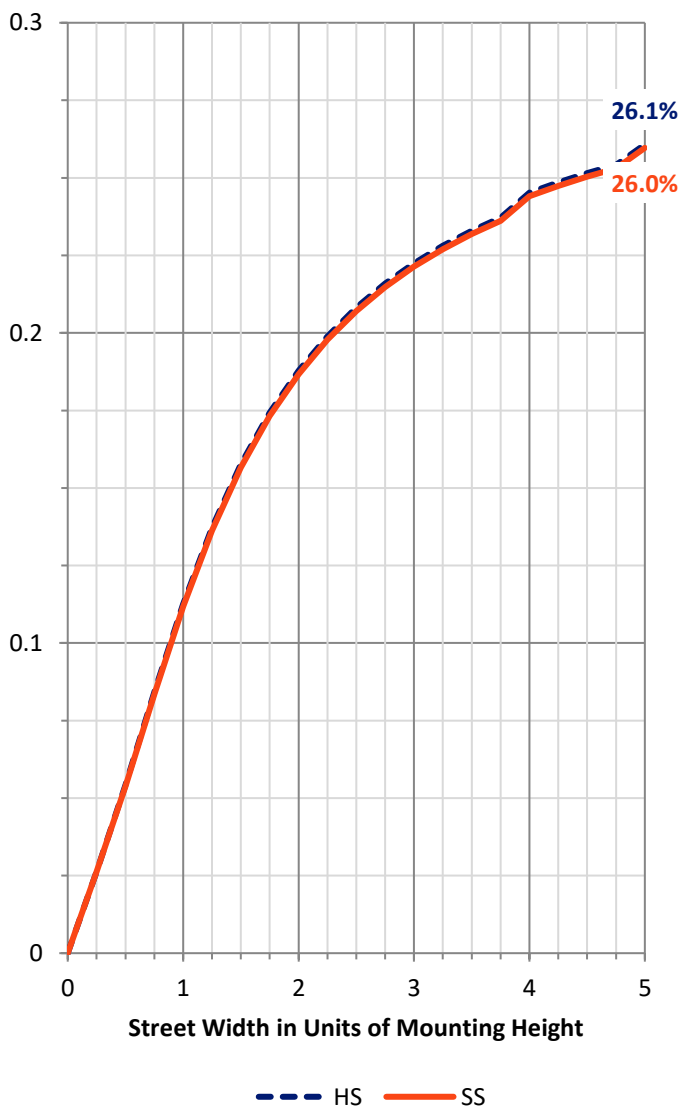
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3472.0	2347.2	5819.2
	% Fixture	29.8	20.2	50.0
<b>Street Side</b>	Lumens	3472.0	2347.2	5819.2
	% Fixture	29.8	20.2	50.0
<b>Total</b>	Lumens	6944.0	4694.4	11638.4
	% Fixture	59.7	40.3	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	7.5	0.1
10°-20°	24.9	0.2
20°-30°	124.3	1.1
30°-40°	408.4	3.5
40°-50°	789.9	6.8
50°-60°	1168.8	10.0
60°-70°	1421.0	12.2
70°-80°	1500.2	12.9
80°-90°	1499.0	12.9
90°-100°	1402.3	12.0
100°-110°	1247.5	10.7
110°-120°	853.3	7.3
120°-130°	573.1	4.9
130°-140°	332.8	2.9
140°-150°	163.9	1.4
150°-160°	75.7	0.7
160°-170°	34.9	0.3
170°-180°	10.9	0.1
0°-90°	6944.0	59.7
0°-180°	11638.4	100.0



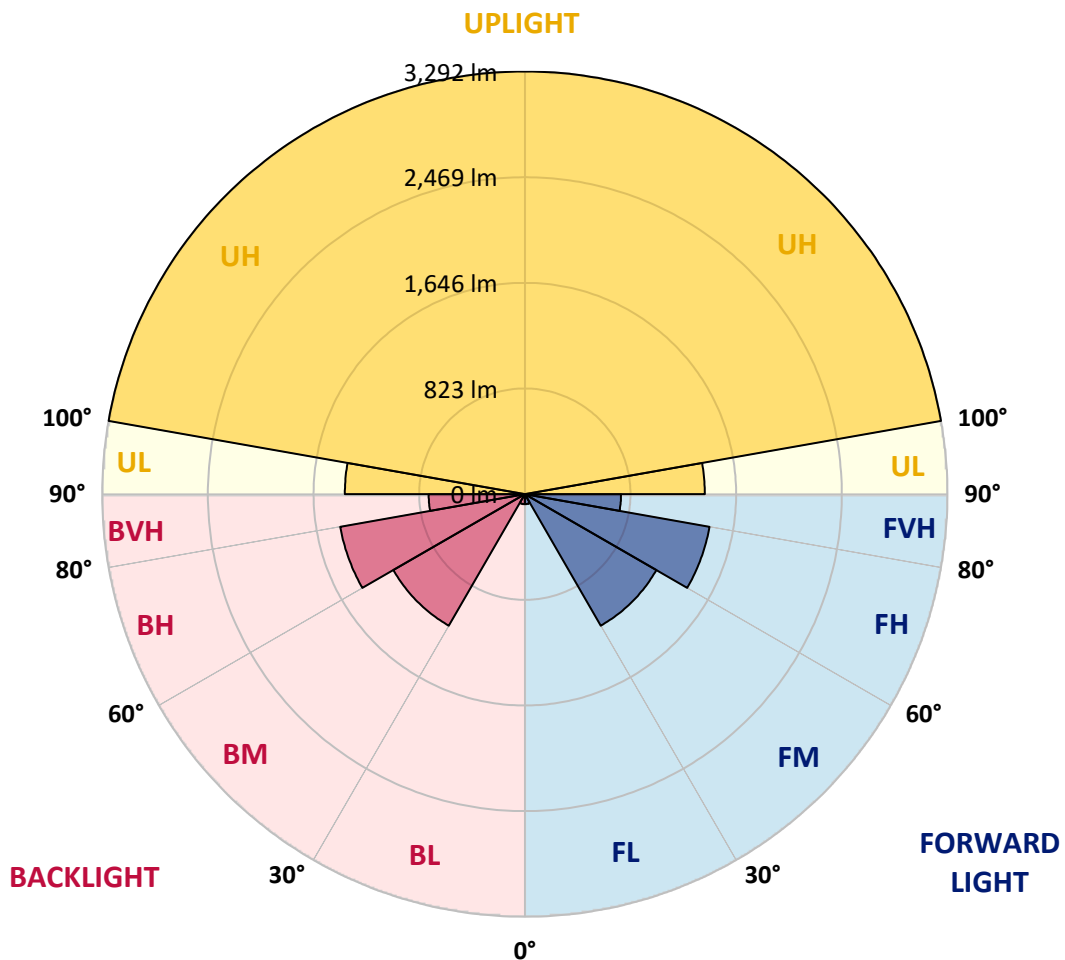
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	78.3	0.7			
FM (30°-60°)	1183.6	10.2			
FH (60°-80°)	1460.6	12.5			G1/1800
FVH (80°-90°)	749.5	6.4			G4/750
BL (0°-30°)	78.3	0.7	B0/110		
BM (30°-60°)	1183.6	10.2	B2/2500		
BH (60°-80°)	1460.6	12.5	B3/2500		G1/1800
BVH (80°-90°)	749.5	6.4			G4/750
UL (90°-100°)	1402.3	12.0		U5	
UH (100°-180°)	3292.1	28.3		U5	

**BUG Rating: B3-U5-G4**

Type V Short





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CATALOG NUMBER: FFX-CLB-70-740-U-PG

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
2.5°	86.6	85.9	85.2	84.4	85.2	85.9	87.4	88.1	88.1	88.1	88.1
5°	78.6	79.3	80.0	80.8	80.8	80.8	80.8	81.5	82.2	82.2	82.2
7.5°	74.1	74.1	74.9	77.1	77.8	77.1	77.1	77.8	75.6	73.4	72.7
10°	71.9	71.9	72.7	73.4	74.1	75.6	76.4	76.4	76.4	76.4	75.6
12.5°	72.7	71.9	72.7	73.4	74.9	75.6	74.1	74.1	75.6	77.1	77.8
15°	76.4	75.6	75.6	77.1	77.8	77.8	76.4	76.4	77.1	78.6	78.6
17.5°	92.5	91.0	90.3	91.0	90.3	91.0	90.3	91.8	91.8	91.0	90.3
20°	126.3	124.8	122.6	121.9	122.6	124.8	125.5	127.7	125.5	124.8	121.9
22.5°	179.1	176.9	175.5	175.5	177.7	179.1	178.4	181.3	179.9	179.1	176.2
25°	246.7	245.2	245.9	249.6	253.3	251.1	245.2	249.6	249.6	248.9	248.1
27.5°	331.1	326.0	328.2	337.7	340.6	334.8	328.2	333.3	335.5	336.2	336.2
30°	427.3	423.6	422.9	433.1	436.8	431.7	427.3	433.1	433.1	435.3	435.3
32.5°	531.5	529.3	525.6	531.5	537.4	535.9	535.9	540.3	538.9	541.1	541.8
35°	646.0	641.6	634.3	635.0	641.6	642.4	647.5	650.5	649.0	648.2	648.2
37.5°	754.0	748.1	741.5	737.8	745.9	745.2	756.9	756.9	754.0	754.7	754.7
40°	851.6	847.9	842.8	832.5	847.9	845.0	858.9	858.9	850.9	853.1	851.6
42.5°	939.0	939.0	933.1	917.7	933.8	930.9	949.2	949.2	938.2	937.5	935.3
45°	1017.5	1021.2	1018.3	1004.3	1010.2	1012.4	1030.0	1026.3	1017.5	1017.5	1013.9
47.5°	1101.9	1105.6	1095.3	1080.7	1087.3	1090.9	1107.1	1105.6	1100.5	1093.9	1093.9
50°	1190.0	1190.8	1170.2	1152.6	1158.5	1177.6	1189.3	1192.2	1181.2	1165.8	1165.1
52.5°	1259.8	1264.2	1244.4	1225.3	1229.7	1251.7	1264.9	1265.7	1251.7	1229.7	1236.3
55°	1321.5	1325.9	1306.0	1289.2	1298.0	1309.7	1325.1	1316.3	1317.1	1293.6	1304.6
57.5°	1363.3	1378.0	1344.9	1341.3	1349.4	1363.3	1369.9	1367.7	1372.1	1350.1	1353.8
60°	1405.1	1411.8	1383.9	1389.0	1379.5	1404.4	1409.6	1414.7	1402.9	1387.5	1387.5
62.5°	1444.8	1428.6	1408.8	1421.3	1395.6	1427.2	1433.0	1438.9	1426.4	1411.8	1414.7
65°	1465.3	1436.0	1419.1	1434.5	1409.6	1438.2	1447.7	1449.9	1447.7	1433.8	1427.2
67.5°	1469.8	1438.9	1428.6	1441.1	1416.2	1447.7	1456.5	1460.9	1463.1	1452.9	1434.5
70°	1468.3	1435.2	1426.4	1438.2	1422.0	1451.4	1452.1	1458.7	1461.7	1466.1	1445.5
72.5°	1448.5	1419.8	1417.6	1427.9	1413.2	1432.3	1433.0	1441.1	1436.7	1450.7	1440.4
75°	1432.3	1413.2	1416.9	1414.7	1400.0	1411.0	1414.0	1423.5	1407.4	1420.6	1429.4
77.5°	1422.0	1411.8	1420.6	1408.8	1393.4	1400.7	1405.1	1416.2	1391.9	1402.9	1428.6
80°	1405.9	1402.9	1414.0	1396.3	1383.1	1389.7	1397.1	1406.6	1380.2	1387.5	1424.2
82.5°	1379.5	1381.7	1391.9	1371.4	1362.6	1369.9	1378.7	1393.4	1366.2	1370.6	1409.6
85°	1367.7	1377.3	1382.4	1361.8	1351.6	1356.0	1365.5	1380.9	1352.3	1358.9	1398.5
87.5°	1366.2	1378.0	1381.7	1364.0	1355.2	1361.8	1366.2	1388.3	1357.4	1365.5	1405.9
90°	1370.6	1375.0	1377.3	1361.8	1354.5	1364.8	1365.5	1392.7	1361.8	1364.0	1400.0
92.5°	1356.0	1356.7	1361.1	1347.2	1346.4	1353.8	1352.3	1375.0	1341.3	1336.1	1367.0
95°	1284.8	1278.9	1288.4	1281.1	1296.5	1307.5	1320.0	1348.6	1331.7	1336.1	1362.6
97.5°	1209.1	1210.6	1213.5	1201.8	1199.6	1204.0	1209.1	1223.8	1218.7	1223.1	1248.0
100°	1191.5	1196.7	1195.9	1190.0	1165.8	1160.7	1149.7	1134.3	1113.7	1116.6	1120.3
102.5°	1200.3	1214.3	1216.5	1224.6	1224.6	1220.9	1229.0	1222.3	1226.0	1247.3	1235.6
105°	1168.8	1184.9	1195.2	1204.0	1220.9	1234.8	1272.3	1295.0	1313.4	1339.1	1335.4
107.5°	1130.6	1138.7	1146.0	1146.0	1141.6	1139.4	1159.9	1163.6	1158.5	1165.1	1165.8
110°	1011.6	1010.9	1018.3	1015.3	1017.5	1005.8	1011.6	1031.5	1027.1	1040.3	1042.5



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	919.1	919.1	924.3	916.9	917.7	908.1	911.8	925.0	925.8	936.8	942.6
115°	841.3	839.9	847.2	841.3	834.7	832.5	836.2	844.3	846.5	853.8	865.6
117.5°	783.3	776.0	781.9	782.6	785.5	779.7	788.5	793.6	796.5	802.4	812.0
120°	735.6	728.3	730.5	737.8	746.6	734.1	743.7	748.1	750.3	752.5	756.9
122.5°	681.3	676.1	673.9	688.6	693.8	682.8	687.9	694.5	698.2	701.8	705.5
125°	626.2	621.8	619.6	632.8	638.0	629.2	636.5	646.0	644.6	652.7	645.3
127.5°	576.3	574.8	571.9	578.5	582.2	581.4	588.0	599.8	594.7	602.0	593.9
130°	516.8	522.7	518.3	526.4	527.1	533.0	535.2	546.2	541.1	542.5	537.4
132.5°	468.4	470.6	468.4	471.3	473.5	473.5	479.4	491.1	483.1	482.3	477.9
135°	419.2	419.9	417.0	421.4	422.9	419.2	425.1	433.9	429.5	427.3	427.3
137.5°	370.7	370.0	370.7	372.2	373.7	372.9	375.9	382.5	381.0	378.1	381.8
140°	329.6	327.4	328.2	328.9	328.2	328.2	331.1	337.0	337.0	333.3	337.0
142.5°	288.5	287.8	287.8	287.8	287.8	289.3	292.2	293.7	295.1	292.2	291.5
145°	254.0	253.3	252.5	252.5	252.5	253.3	256.2	255.5	258.4	255.5	253.3
147.5°	223.2	223.9	222.4	221.7	221.0	223.2	223.9	225.4	226.9	225.4	223.2
150°	198.2	197.5	197.5	196.0	196.0	198.2	197.5	199.0	200.4	199.7	199.0
152.5°	176.2	176.2	176.2	174.7	175.5	176.9	176.9	176.9	178.4	178.4	177.7
155°	158.6	158.6	158.6	157.8	157.8	159.3	159.3	159.3	160.0	160.0	160.0
157.5°	145.4	145.4	144.6	144.6	144.6	145.4	144.6	144.6	145.4	145.4	145.4
160°	135.1	135.1	134.3	134.3	133.6	134.3	133.6	133.6	134.3	134.3	134.3
162.5°	127.0	127.0	126.3	126.3	126.3	126.3	126.3	125.5	125.5	126.3	125.5
165°	121.1	121.1	121.1	121.1	121.1	121.1	121.1	120.4	120.4	120.4	120.4
167.5°	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5
170°	115.3	115.3	115.3	116.0	116.0	116.0	115.3	115.3	116.0	116.0	115.3
172.5°	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5
175°	114.5	114.5	114.5	114.5	114.5	114.5	113.8	114.5	114.5	114.5	114.5
177.5°	114.5	113.8	113.8	114.5	114.5	113.8	113.8	113.8	113.8	113.8	113.8
180°	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5



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.

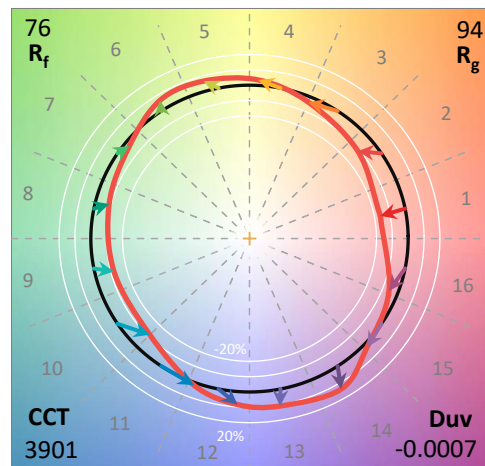
**Test Information**

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**

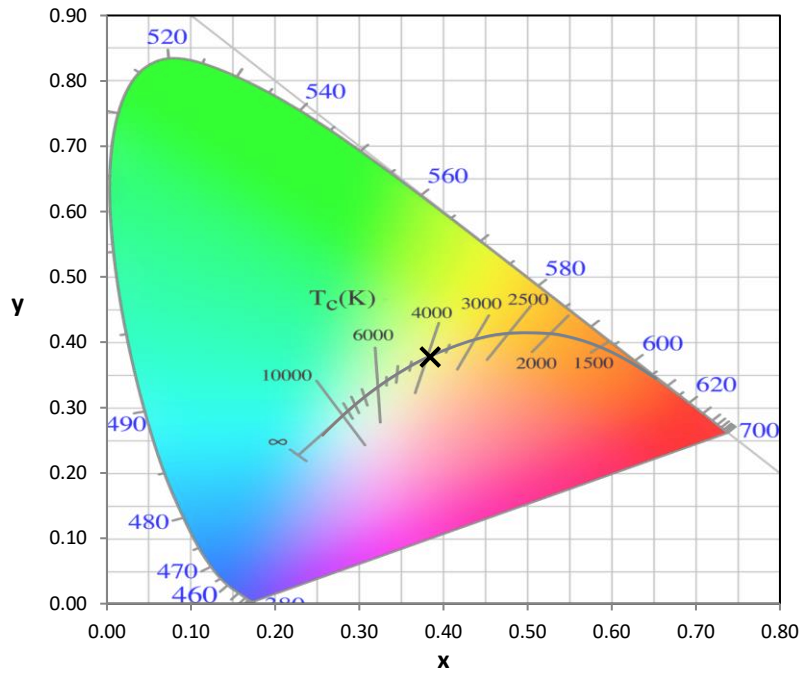
Stabilization Time: 0.818109M  
 Operation Time: 1H  
 Sphere Temperature (°C): 24.6

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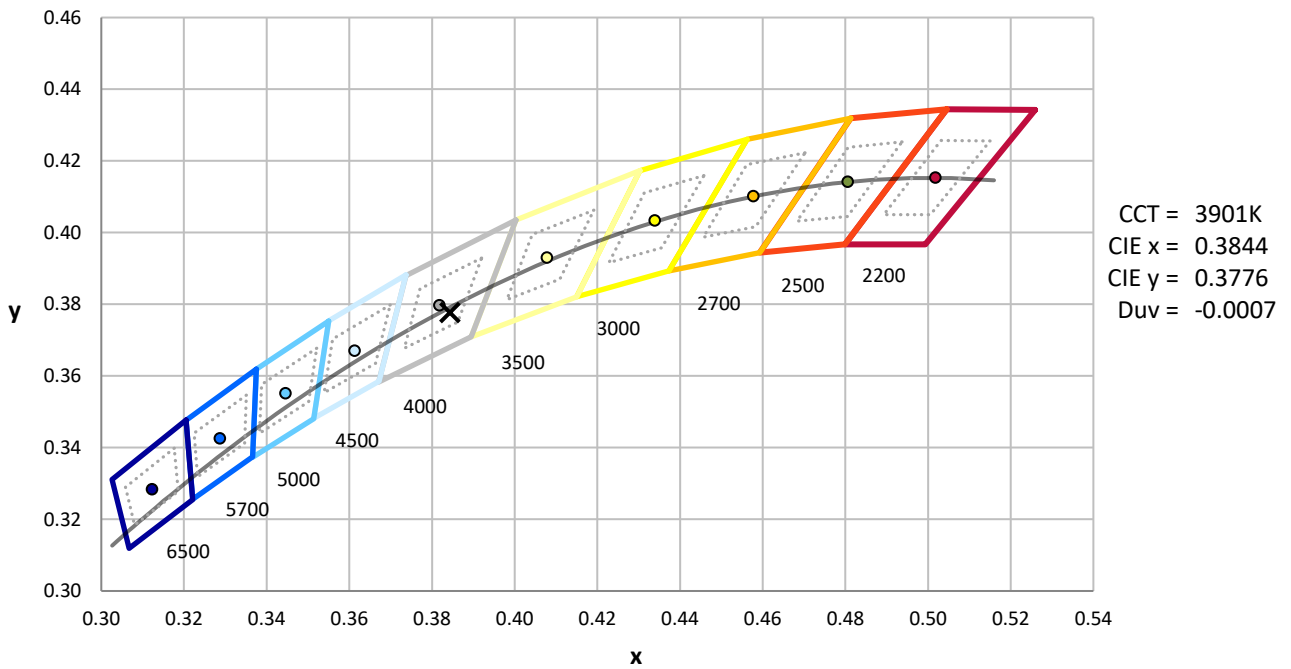
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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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**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**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /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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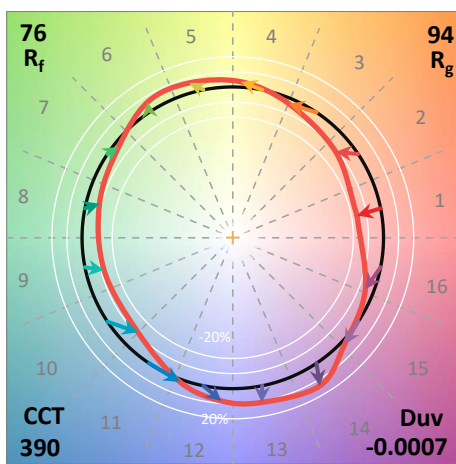
TM-30-18

**Summary**

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



**Color Vector Graphics**



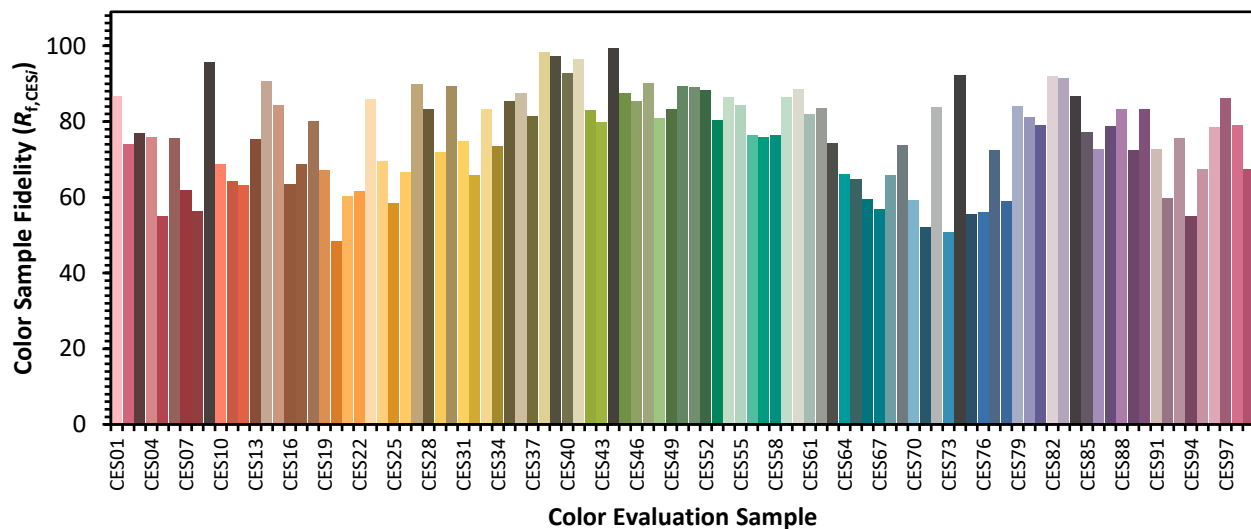


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**Individual Sample Fidelity Index ( $R_{f,i}$ )**

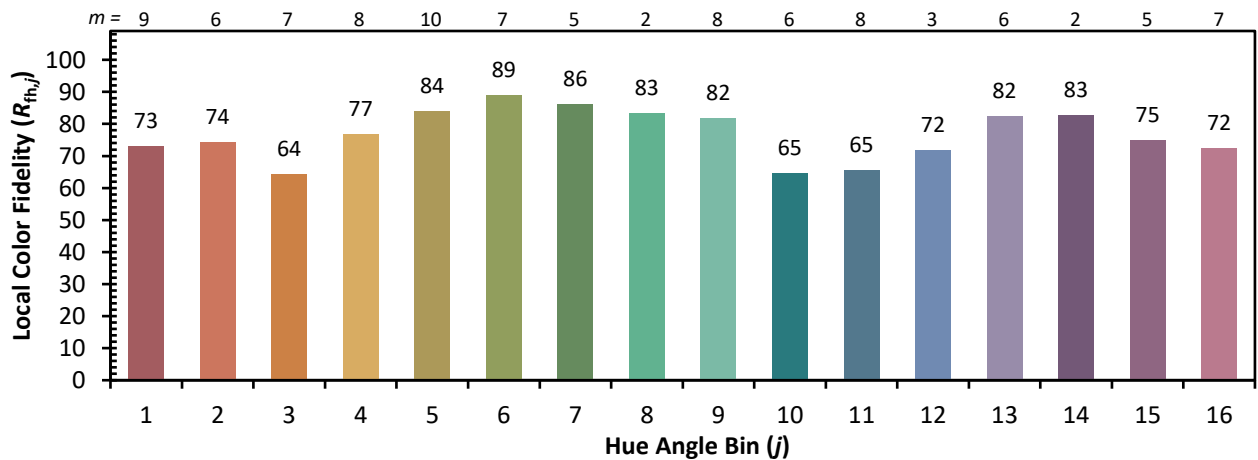
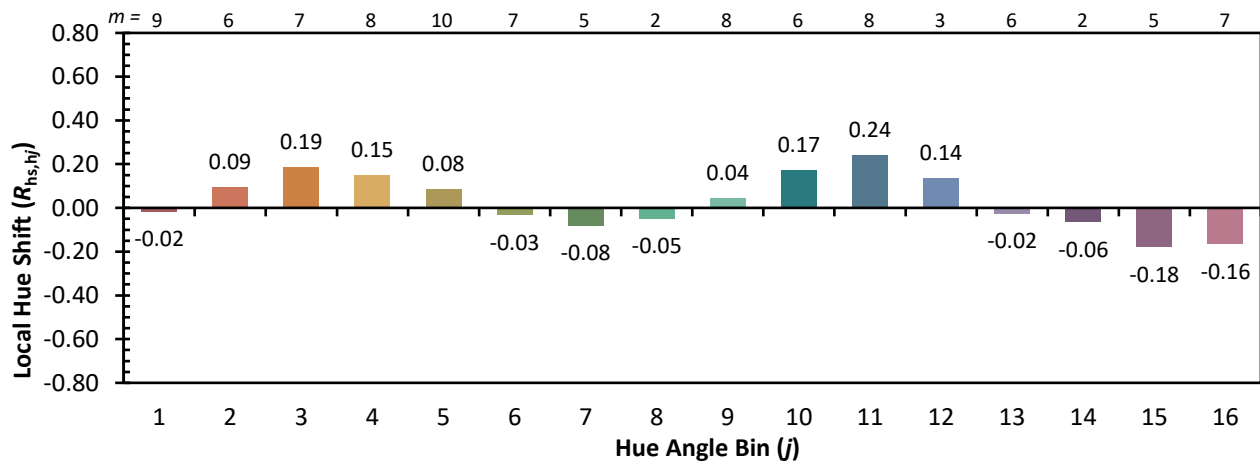
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CES03 = 30	CES28 = 83	CES53 = 80	CES78 = 59
CES04 = 70	CES29 = 72	CES54 = 86	CES79 = 84
CES05 = 48	CES30 = 89	CES55 = 84	CES80 = 81
CES06 = 51	CES31 = 75	CES56 = 77	CES81 = 79
CES07 = 40	CES32 = 66	CES57 = 76	CES82 = 92
CES08 = 39	CES33 = 83	CES58 = 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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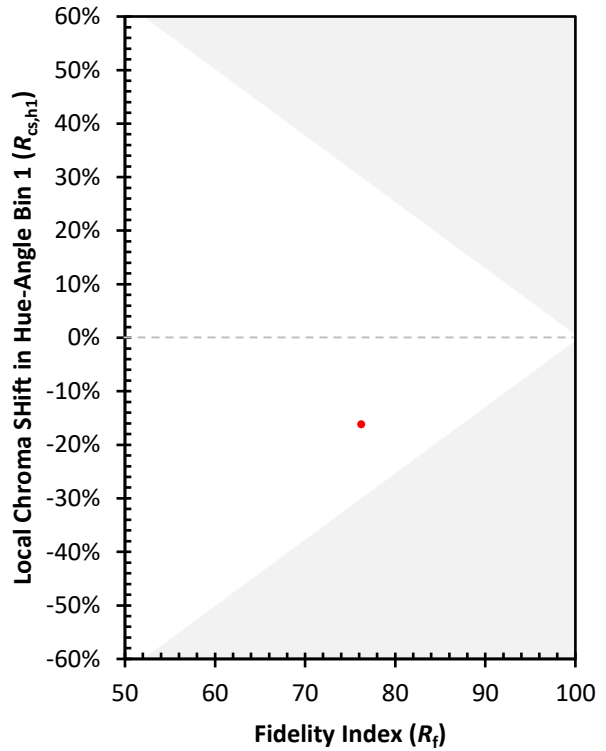
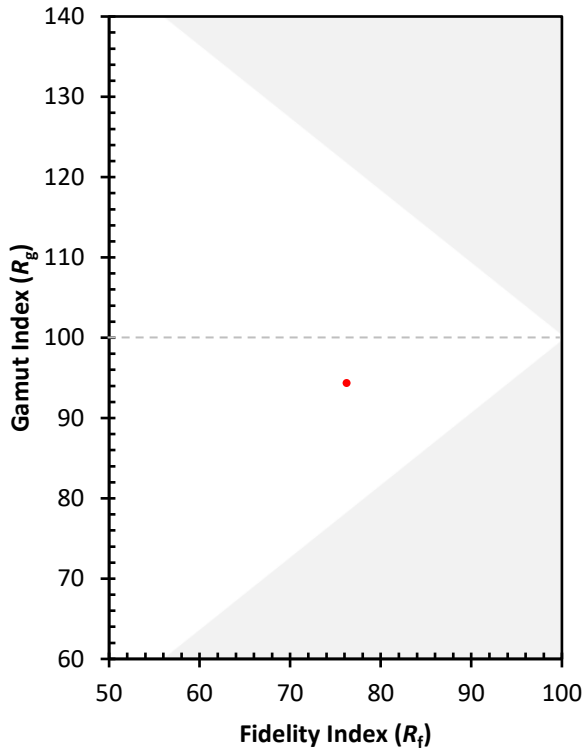
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)