

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: P856365

Luminaire Tested: **FFX-CLB-70-750-U-VM8**

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856365  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 07/16/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: FFX-CLB-70-750-U-VM8  
Description: FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK  
Light Source: (6) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

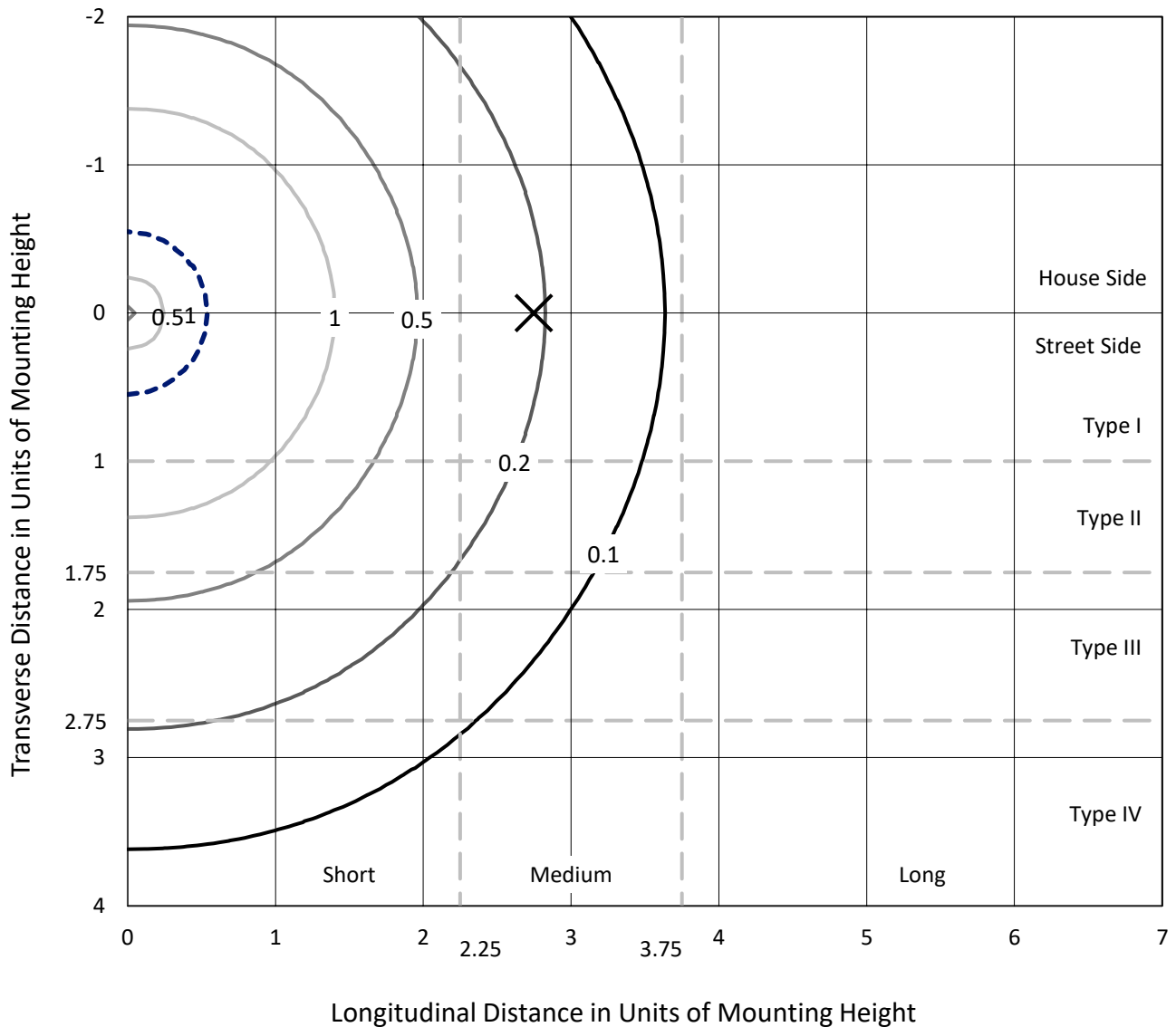
Lumens per Lamp: N/A  
Luminaire Lumens: 11167.6 lumens  
Efficiency: N/A  
Efficacy: 158.9 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 1.33' x H: 2.08')  
IES Classification: Type V - Short  
BUG Rating: B3 - U5 - G4

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

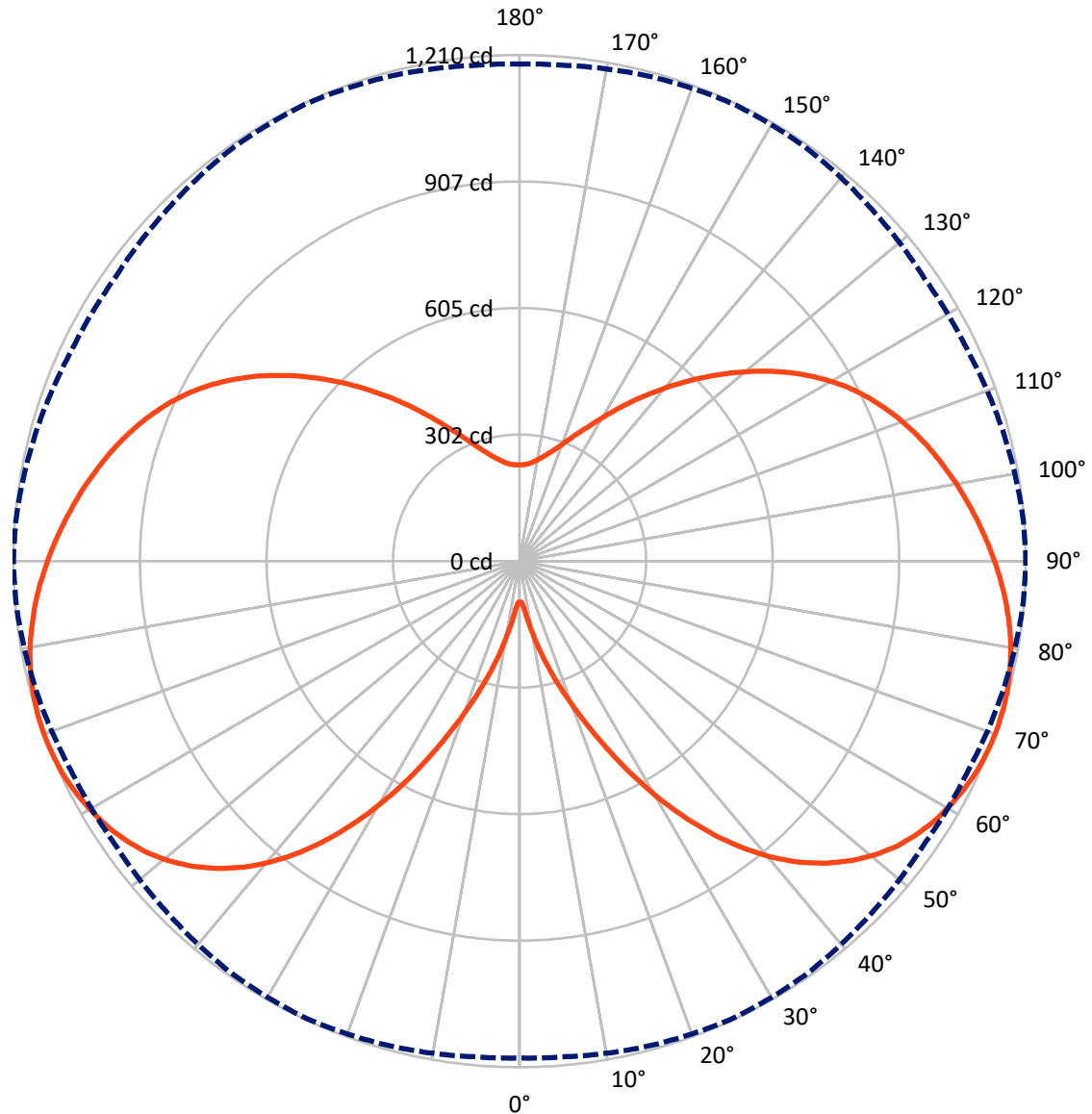
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.9 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral    - - - Horizontal Cone Through 70-Deg Vertical

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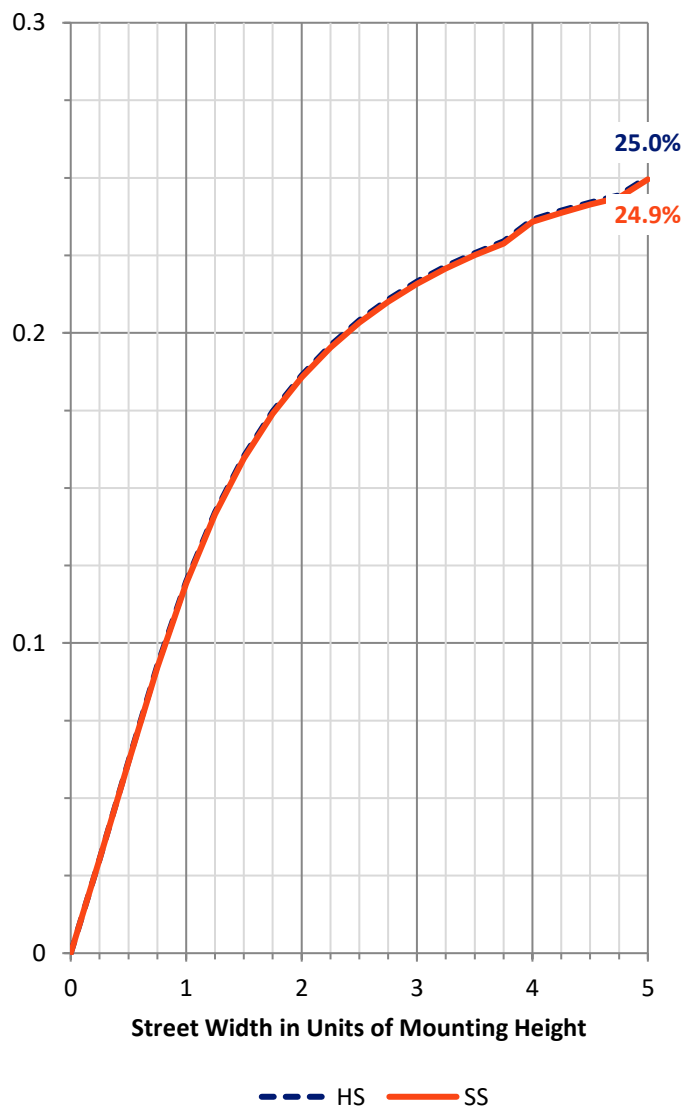
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3162.5	2421.2	5583.8
	% Fixture	28.3	21.7	50.0
<b>Street Side</b>	Lumens	3162.5	2421.2	5583.8
	% Fixture	28.3	21.7	50.0
<b>Total</b>	Lumens	6325.1	4842.5	11167.6
	% Fixture	56.6	43.4	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	13.1	0.1
10°-20°	79.9	0.7
20°-30°	238.6	2.1
30°-40°	498.8	4.5
40°-50°	782.9	7.0
50°-60°	1016.1	9.1
60°-70°	1176.2	10.5
70°-80°	1259.2	11.3
80°-90°	1260.2	11.3
90°-100°	1188.5	10.6
100°-110°	1063.4	9.5
110°-120°	894.2	8.0
120°-130°	685.9	6.1
130°-140°	469.3	4.2
140°-150°	286.3	2.6
150°-160°	156.5	1.4
160°-170°	75.9	0.7
170°-180°	22.6	0.2
0°-90°	6325.1	56.6
0°-180°	11167.6	100.0

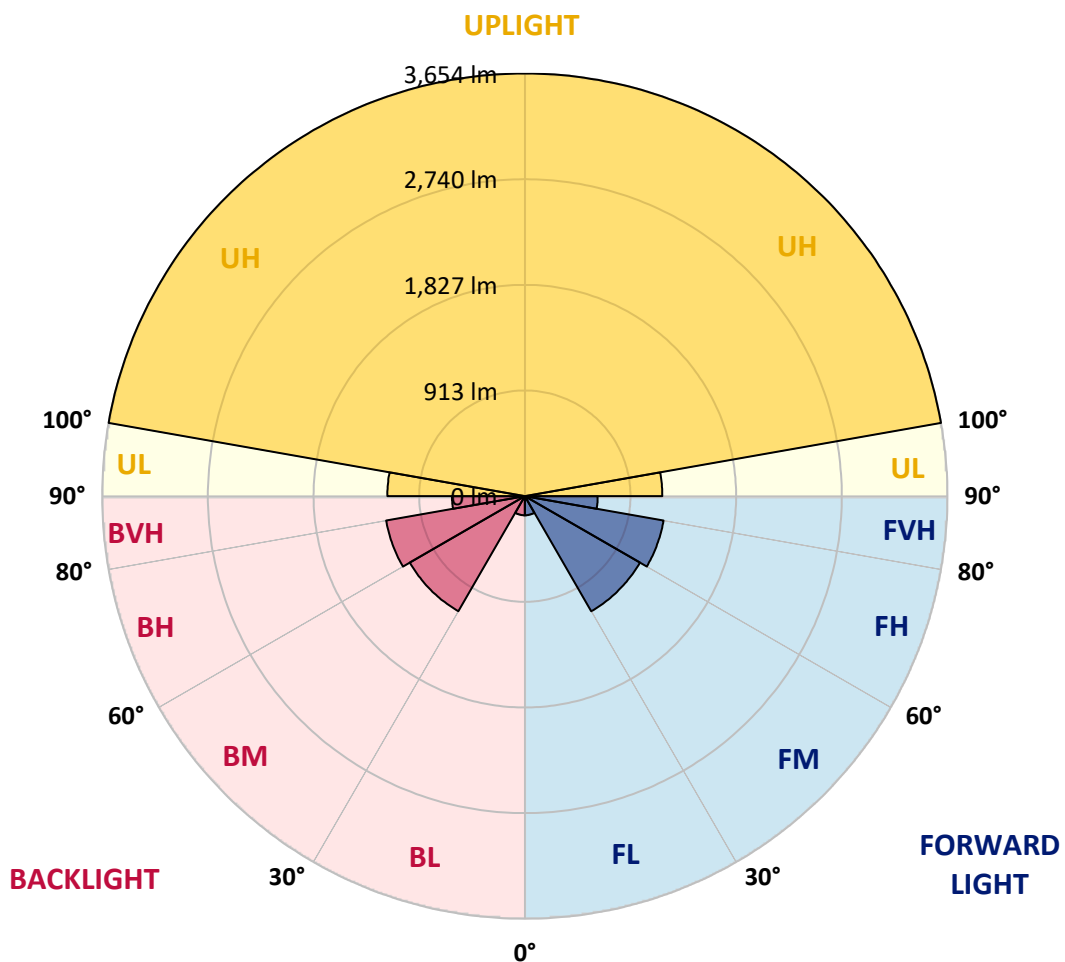


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	165.8	1.5			
FM (30°-60°)	1148.9	10.3			
FH (60°-80°)	1217.7	10.9			G1/1800
FVH (80°-90°)	630.1	5.6			G4/750
BL (0°-30°)	165.8	1.5	B1/500		
BM (30°-60°)	1148.9	10.3	B2/2500		
BH (60°-80°)	1217.7	10.9	B3/2500		G1/1800
BVH (80°-90°)	630.1	5.6			G4/750
UL (90°-100°)	1188.5	10.6		U5	
UH (100°-180°)	3654.0	32.7		U5	

**BUG Rating: B3-U5-G4**  
 Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
2.5°	102.3	102.3	101.6	101.6	100.9	100.2	100.2	100.2	99.5	99.5	98.8
5°	116.7	115.9	115.9	115.2	115.9	115.2	115.2	115.2	115.2	113.8	113.8
7.5°	144.6	143.9	143.9	143.1	144.6	143.1	143.1	143.9	143.9	143.1	143.1
10°	181.1	180.4	180.4	178.9	180.4	179.6	179.6	178.2	178.9	178.2	178.9
12.5°	224.7	222.6	222.6	221.9	223.3	222.6	221.9	220.4	221.9	221.2	221.2
15°	269.8	270.5	269.8	269.1	270.5	270.5	269.8	268.4	269.8	268.4	269.1
17.5°	319.9	319.9	319.9	317.8	319.9	320.6	319.9	318.5	319.2	319.9	319.9
20°	374.3	374.3	375.0	373.6	377.2	375.0	374.3	373.6	374.3	375.0	375.8
22.5°	434.4	434.4	435.2	434.4	436.6	436.6	435.9	435.9	436.6	438.0	438.0
25°	501.0	501.7	501.7	499.6	504.6	506.0	504.6	504.6	506.0	508.2	508.2
27.5°	569.7	572.6	571.1	571.1	577.6	578.3	577.6	578.3	580.4	582.6	583.3
30°	640.6	642.7	645.6	643.4	650.6	651.3	652.0	652.7	655.6	659.2	659.2
32.5°	711.4	713.6	715.0	715.0	724.3	723.6	722.9	725.7	730.0	731.5	733.6
35°	782.3	782.3	783.7	784.4	793.7	793.0	794.4	796.6	800.9	803.7	805.2
37.5°	846.0	844.5	848.1	849.6	856.7	857.4	858.1	861.7	866.7	870.3	871.7
40°	903.9	902.5	906.8	909.0	915.4	915.4	916.8	921.1	926.9	930.4	931.1
42.5°	955.5	954.8	959.1	961.9	968.4	967.6	966.9	972.7	979.1	983.4	984.8
45°	999.9	999.1	1004.9	1008.4	1013.5	1012.0	1012.0	1017.0	1024.2	1029.2	1029.9
47.5°	1037.8	1037.8	1044.2	1048.5	1052.8	1050.7	1049.2	1054.2	1061.4	1068.6	1069.3
50°	1071.4	1070.7	1077.9	1082.9	1086.5	1083.6	1081.4	1086.5	1094.3	1101.5	1102.9
52.5°	1097.9	1099.3	1106.5	1112.9	1115.8	1111.5	1107.9	1112.9	1121.5	1129.4	1130.8
55°	1120.8	1121.5	1129.4	1137.3	1138.7	1133.0	1128.7	1133.0	1142.3	1150.9	1152.3
57.5°	1138.7	1140.1	1149.4	1156.6	1157.3	1150.9	1145.9	1149.4	1159.5	1168.0	1170.2
60°	1154.4	1155.9	1164.5	1172.3	1173.1	1165.2	1158.7	1161.6	1172.3	1182.4	1183.8
62.5°	1166.6	1168.8	1178.1	1185.2	1185.2	1175.9	1168.0	1170.9	1182.4	1193.1	1194.5
65°	1176.6	1178.8	1188.1	1195.2	1194.5	1183.8	1175.2	1178.1	1190.2	1201.0	1203.1
67.5°	1183.8	1185.2	1195.2	1202.4	1199.5	1188.1	1179.5	1181.6	1194.5	1205.3	1207.4
70°	1188.1	1189.5	1199.5	1206.0	1201.7	1189.5	1180.2	1183.1	1196.0	1207.4	1209.6
72.5°	1190.2	1192.4	1201.7	1207.4	1202.4	1188.8	1178.8	1182.4	1195.2	1207.4	1208.8
75°	1189.5	1190.9	1200.3	1205.3	1198.8	1185.9	1175.2	1178.8	1192.4	1203.1	1205.3
77.5°	1185.9	1187.4	1196.0	1200.3	1192.4	1179.5	1169.5	1173.1	1185.9	1196.7	1198.8
80°	1180.2	1181.6	1189.5	1192.4	1184.5	1171.6	1162.3	1165.9	1178.1	1188.1	1190.2
82.5°	1170.9	1173.1	1180.2	1181.6	1173.1	1161.6	1152.3	1155.9	1167.3	1176.6	1178.1
85°	1159.5	1160.9	1167.3	1168.0	1159.5	1149.4	1141.6	1145.1	1155.2	1162.3	1164.5
87.5°	1146.6	1146.6	1153.0	1153.0	1143.7	1134.4	1128.7	1131.5	1140.8	1146.6	1148.7
90°	1130.8	1131.5	1135.8	1135.1	1126.5	1118.7	1113.7	1117.2	1125.1	1130.1	1131.5
92.5°	1113.7	1114.4	1117.9	1116.5	1107.9	1101.5	1097.2	1101.5	1108.6	1112.2	1113.7
95°	1095.0	1095.8	1098.6	1095.8	1087.9	1082.9	1079.3	1084.3	1090.0	1093.6	1095.0
97.5°	1075.7	1076.4	1078.6	1075.7	1067.1	1062.8	1061.4	1065.7	1071.4	1074.3	1075.7
100°	1055.7	1055.7	1057.1	1052.8	1045.7	1042.1	1041.4	1046.4	1052.1	1055.0	1056.4
102.5°	1033.5	1034.2	1034.2	1029.9	1022.8	1020.6	1020.6	1026.3	1032.1	1034.2	1035.6
105°	1010.6	1010.6	1010.6	1007.0	999.1	997.7	998.4	1004.1	1010.6	1013.5	1014.9
107.5°	985.5	986.3	984.8	981.2	974.8	973.4	974.8	982.7	988.4	991.3	992.7
110°	959.1	959.8	959.1	954.8	949.0	948.3	950.5	958.3	964.1	966.9	969.1



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 CATALOG NUMBER: FFX-CLB-70-750-U-VM8

**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	931.1	931.9	931.1	927.6	921.8	921.8	924.7	932.6	939.0	941.2	943.3
115°	901.8	902.5	901.1	898.2	892.5	893.9	896.8	904.7	911.1	913.3	916.1
117.5°	870.3	871.0	870.3	866.7	861.7	863.2	867.4	875.3	881.0	883.2	886.1
120°	836.0	836.0	836.0	832.4	827.4	830.2	834.5	843.1	848.1	849.6	852.4
122.5°	800.9	799.5	799.5	797.3	791.6	795.2	799.5	808.0	813.1	813.8	815.9
125°	762.2	763.0	760.8	759.4	754.4	758.7	762.2	770.8	775.1	775.8	778.0
127.5°	720.7	722.9	720.7	718.6	715.0	719.3	723.6	731.5	735.0	735.8	737.2
130°	682.1	682.1	679.9	678.5	674.9	679.2	683.5	690.7	694.2	694.2	695.7
132.5°	643.4	641.3	640.6	639.1	634.8	639.8	642.7	649.9	652.7	652.0	653.4
135°	601.2	601.2	599.1	598.3	594.8	599.8	602.6	609.1	611.2	610.5	611.9
137.5°	561.8	561.8	560.4	559.0	556.8	561.1	564.0	569.0	571.1	569.0	571.1
140°	523.2	523.2	522.5	521.0	518.9	523.2	525.3	529.6	531.8	529.6	531.1
142.5°	487.4	486.0	485.3	484.5	481.7	486.0	487.4	491.7	492.4	491.0	493.1
145°	449.5	450.2	449.5	448.8	446.6	450.2	451.6	455.2	455.9	454.5	456.6
147.5°	418.0	415.8	416.5	415.8	413.7	417.3	418.0	420.1	421.6	420.1	421.6
150°	386.5	385.1	385.1	384.3	382.9	385.8	386.5	388.6	389.3	387.9	389.3
152.5°	358.6	357.9	357.9	357.1	355.7	357.9	358.6	360.0	360.7	359.3	360.0
155°	333.5	332.8	332.8	332.1	330.7	332.8	332.8	334.2	335.0	334.2	335.0
157.5°	311.3	310.6	310.6	310.6	309.2	310.6	310.6	312.1	312.1	311.3	312.1
160°	293.4	292.0	292.7	292.0	290.6	292.0	292.0	292.7	292.7	292.7	292.7
162.5°	277.0	277.0	277.0	276.3	275.6	276.3	276.3	277.0	277.0	277.0	276.3
165°	264.1	264.1	264.1	263.4	262.7	263.4	263.4	263.4	263.4	263.4	263.4
167.5°	253.4	252.6	253.4	252.6	251.9	252.6	252.6	252.6	252.6	252.6	252.6
170°	244.1	244.1	244.1	244.1	243.3	244.1	244.1	244.1	244.1	244.1	244.1
172.5°	238.3	237.6	237.6	237.6	236.9	237.6	236.9	237.6	236.9	237.6	236.9
175°	233.3	233.3	233.3	233.3	232.6	232.6	232.6	232.6	232.6	232.6	232.6
177.5°	230.5	230.5	230.5	230.5	230.5	230.5	230.5	230.5	230.5	230.5	230.5
180°	229.7	229.7	229.7	229.7	229.7	229.7	229.7	229.7	229.7	229.7	229.7



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: SP1-2406-133-5

Test Date: 07/12/2024

Luminaire Tested: FFX-CLB-100-750-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-750-U-FR-T5.

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2406-133-5  
 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-100-750-U-FR-T5**  
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

**Spectral Parameters**

CCT (K): 4950  
 CIE u': 0.2102  
 CIE v': 0.4882  
 Duv: 0.0025  
 CIE x: 0.3471  
 CIE y: 0.3583  
 CIE z: 0.2946  
 Peak Wavelength (nm): 452  
 Dominant Wavelength (nm): 571  
 Purity: 11.64963  
 Rf: 74.8  
 Rg: 92.4

CRI (Ra): 73.0  
 R1: 69.1  
 R2: 80.1  
 R3: 87.3  
 R4: 70.6  
 R5: 69.4  
 R6: 71.2  
 R7: 82.5  
 R8: 53.6  
 R9: -35.4  
 R10: 51.9  
 R11: 66.1  
 R12: 40.1  
 R13: 71.5  
 R14: 93.0  
 R15: 62.2



**Test Conditions**

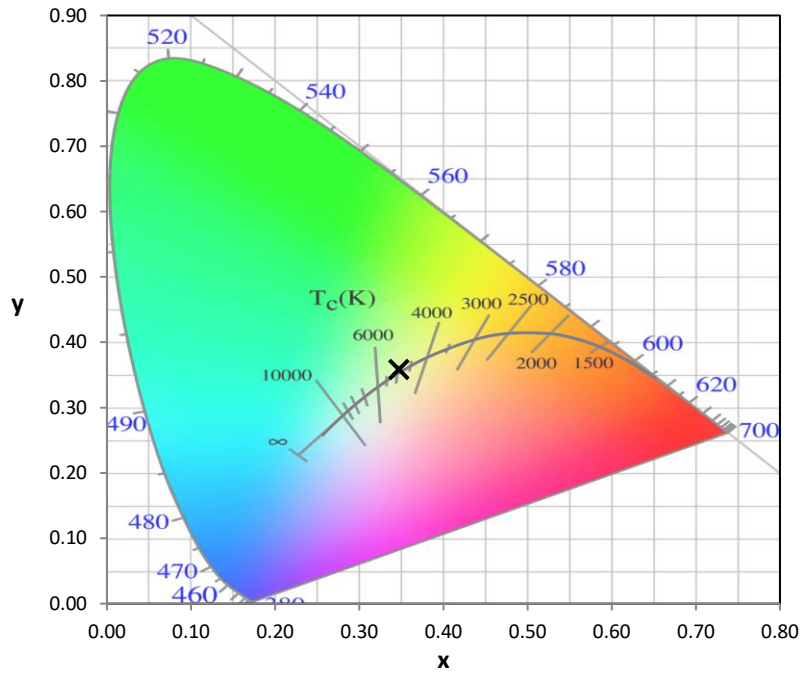
Stabilization Time: 0.803355M  
 Operation Time: 1H  
 Sphere Temperature (°C): 24.7

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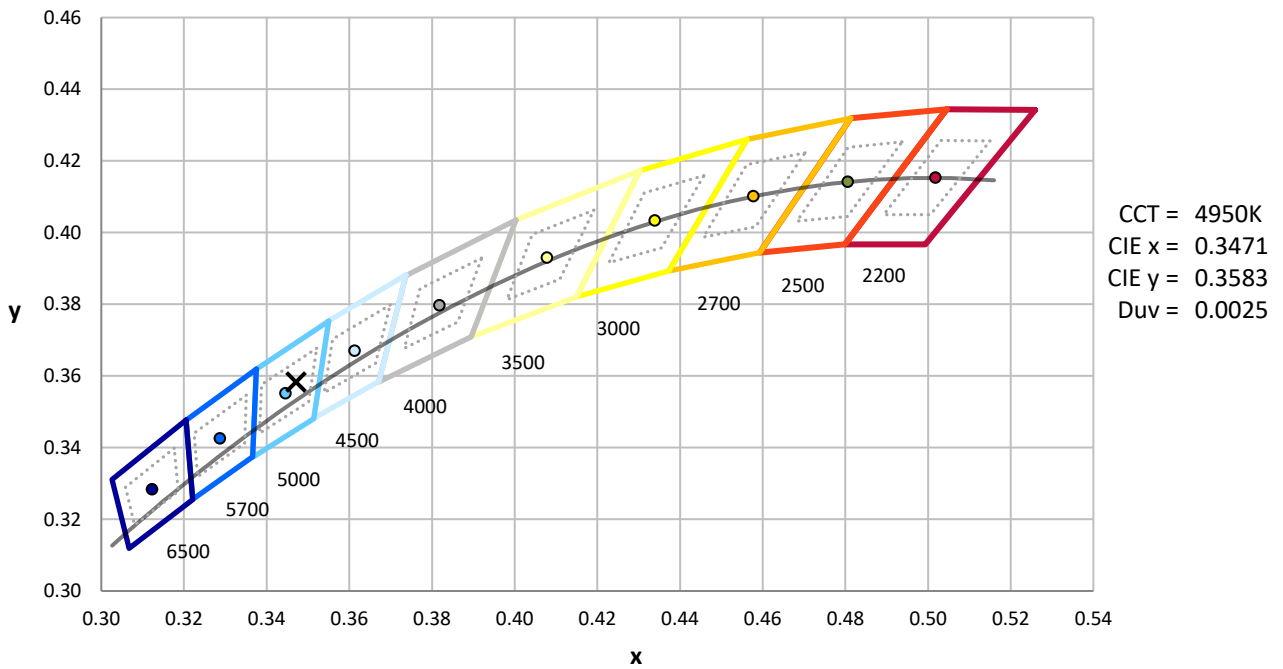
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



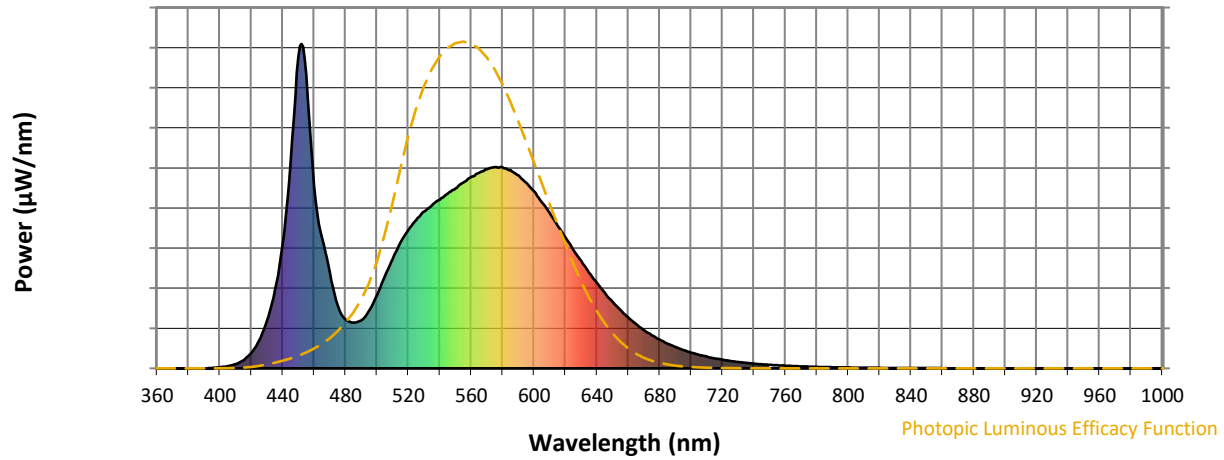
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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**Photopic Flux vs. Wavelength**

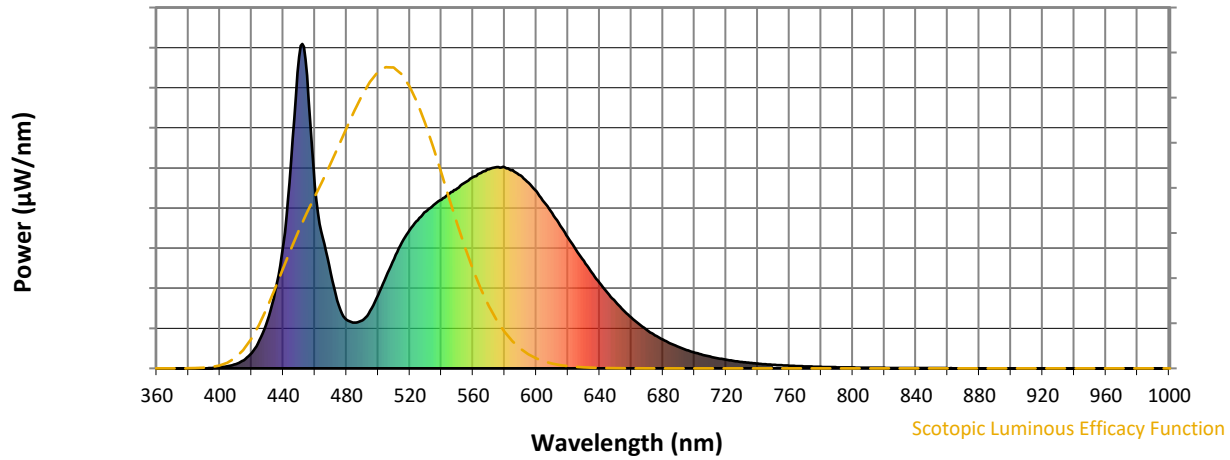


**Photopic Lumens: NR**

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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.8**

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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

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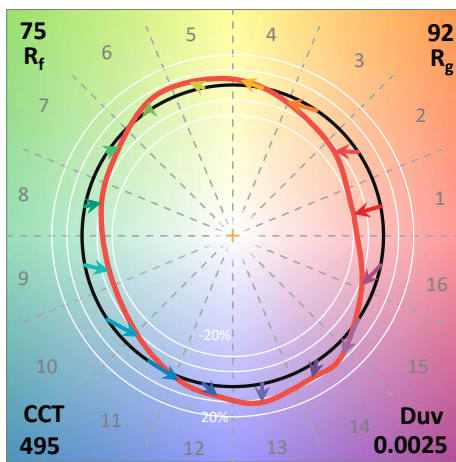
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**Summary**

$R_f = 74.8$   
 $R_g = 92.4$   
 CIE  $R_a = 73.0$   
 $R_9 = -35.4$



**Color Vector Graphics**





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

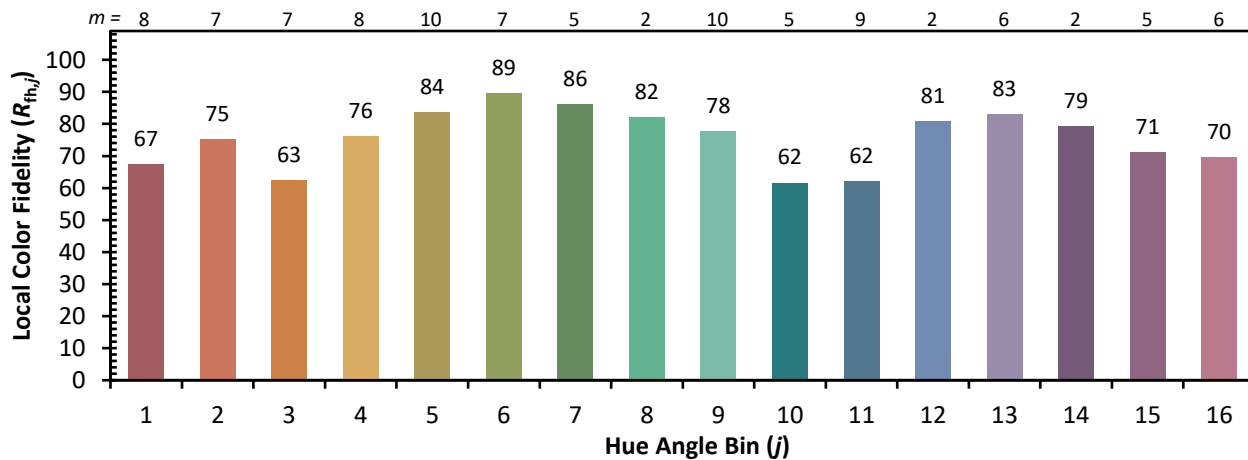
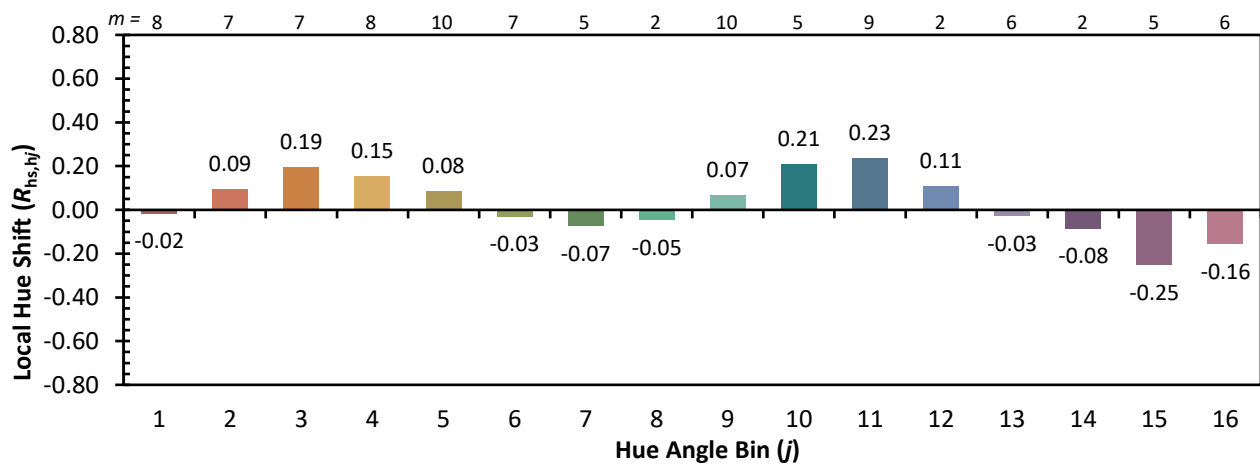
CES01 = 85	CES26 = 65	CES51 = 89	CES76 = 54
CES02 = 60	CES27 = 90	CES52 = 88	CES77 = 69
CES03 = 30	CES28 = 82	CES53 = 80	CES78 = 57
CES04 = 69	CES29 = 72	CES54 = 84	CES79 = 82
CES05 = 46	CES30 = 91	CES55 = 82	CES80 = 79
CES06 = 50	CES31 = 75	CES56 = 74	CES81 = 79
CES07 = 39	CES32 = 66	CES57 = 74	CES82 = 91
CES08 = 38	CES33 = 85	CES58 = 74	CES83 = 91
CES09 = 29	CES34 = 72	CES59 = 85	CES84 = 85
CES10 = 73	CES35 = 84	CES60 = 87	CES85 = 77
CES11 = 56	CES36 = 86	CES61 = 81	CES86 = 74
CES12 = 62	CES37 = 80	CES62 = 80	CES87 = 77
CES13 = 41	CES38 = 98	CES63 = 74	CES88 = 81
CES14 = 74	CES39 = 97	CES64 = 63	CES89 = 72
CES15 = 70	CES40 = 93	CES65 = 62	CES90 = 81
CES16 = 46	CES41 = 98	CES66 = 56	CES91 = 71
CES17 = 49	CES42 = 83	CES67 = 54	CES92 = 57
CES18 = 55	CES43 = 81	CES68 = 64	CES93 = 74
CES19 = 71	CES44 = 99	CES69 = 72	CES94 = 53
CES20 = 64	CES45 = 88	CES70 = 57	CES95 = 64
CES21 = 85	CES46 = 86	CES71 = 49	CES96 = 76
CES22 = 77	CES47 = 91	CES72 = 83	CES97 = 86
CES23 = 91	CES48 = 80	CES73 = 48	CES98 = 77
CES24 = 90	CES49 = 84	CES74 = 90	CES99 = 62
CES25 = 71	CES50 = 89	CES75 = 52	



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Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)