

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: P856410

Luminaire Tested: **FFX-CLB-70-750-U-VM9**

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856410  
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-VM9  
Description: FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK  
Light Source: (6) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

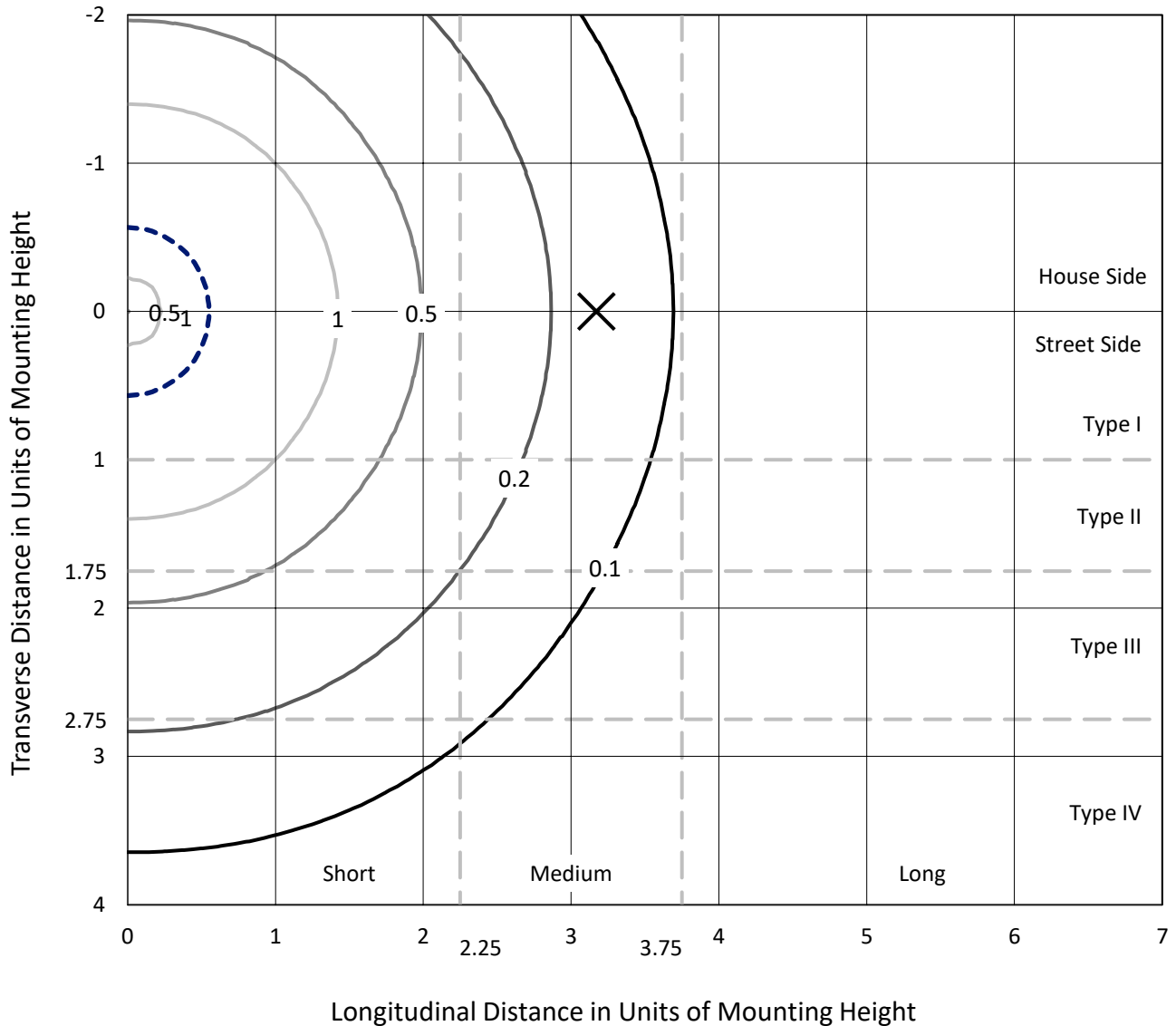
Lumens per Lamp: N/A  
Luminaire Lumens: 11120.8 lumens  
Efficiency: N/A  
Efficacy: 158.2 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 1.33' x H: 2.08')  
IES Classification: Type V - Short  
BUG Rating: B3 - U5 - G4

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

REPORT NUMBER: P856410  
 CATALOG NUMBER: FFX-CLB-70-750-U-VM9

### Iso-Footcandle Lines of Horizontal Illumination

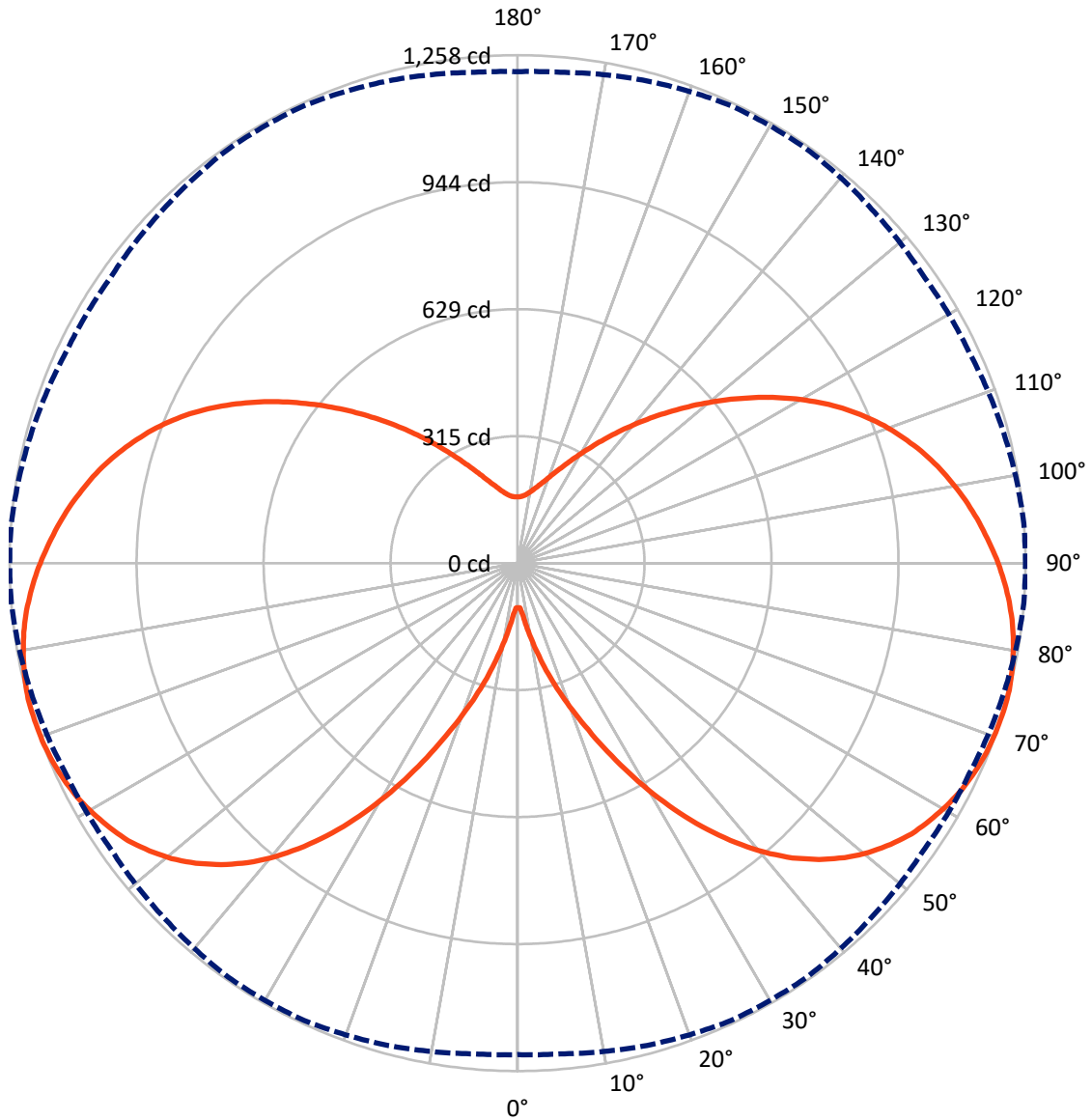
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2 fc  
 Type V - Short - N/A

REPORT NUMBER: P856410  
CATALOG NUMBER: FFX-CLB-70-750-U-VM9

### Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral    - - - Horizontal Cone Through 72.5-Deg Vertical

REPORT NUMBER: P856410  
 CATALOG NUMBER: FFX-CLB-70-750-U-VM9

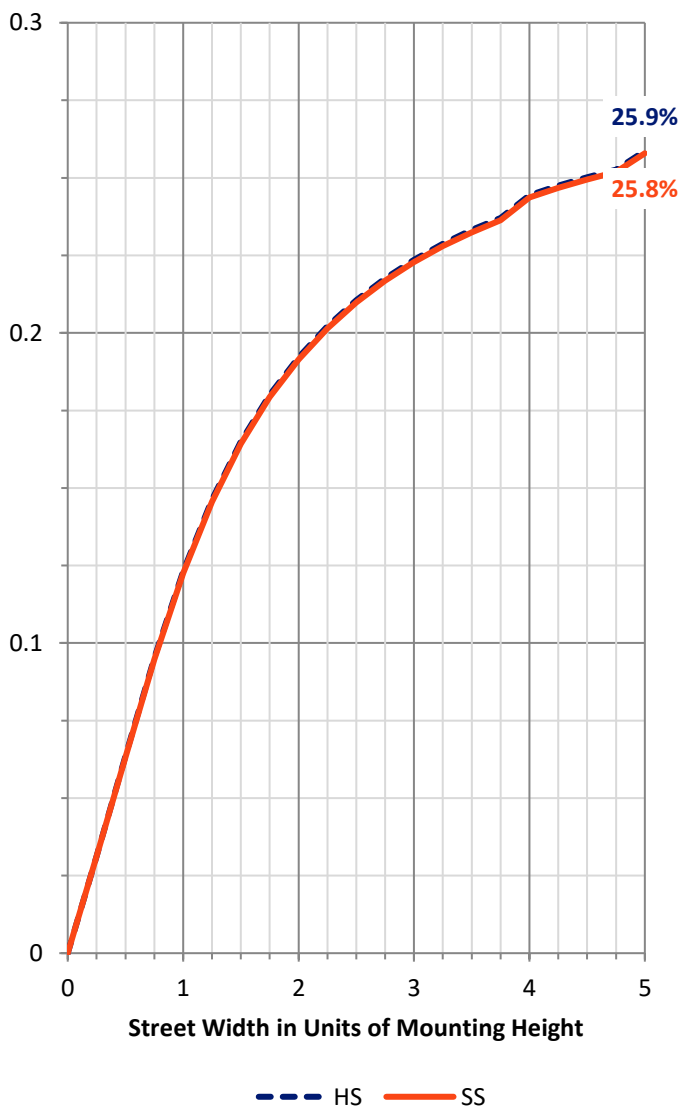
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3257.2	2303.2	5560.4
	% Fixture	29.3	20.7	50.0
<b>Street Side</b>	Lumens	3257.2	2303.2	5560.4
	% Fixture	29.3	20.7	50.0
<b>Total</b>	Lumens	6514.3	4606.5	11120.8
	% Fixture	58.6	41.4	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	14.3	0.1
10°-20°	83.4	0.8
20°-30°	241.1	2.2
30°-40°	501.4	4.5
40°-50°	795.7	7.2
50°-60°	1044.6	9.4
60°-70°	1218.0	11.0
70°-80°	1308.2	11.8
80°-90°	1307.6	11.8
90°-100°	1224.0	11.0
100°-110°	1074.0	9.7
110°-120°	863.7	7.8
120°-130°	620.4	5.6
130°-140°	398.7	3.6
140°-150°	231.3	2.1
150°-160°	121.5	1.1
160°-170°	56.6	0.5
170°-180°	16.3	0.1
0°-90°	6514.3	58.6
0°-180°	11120.8	100.0

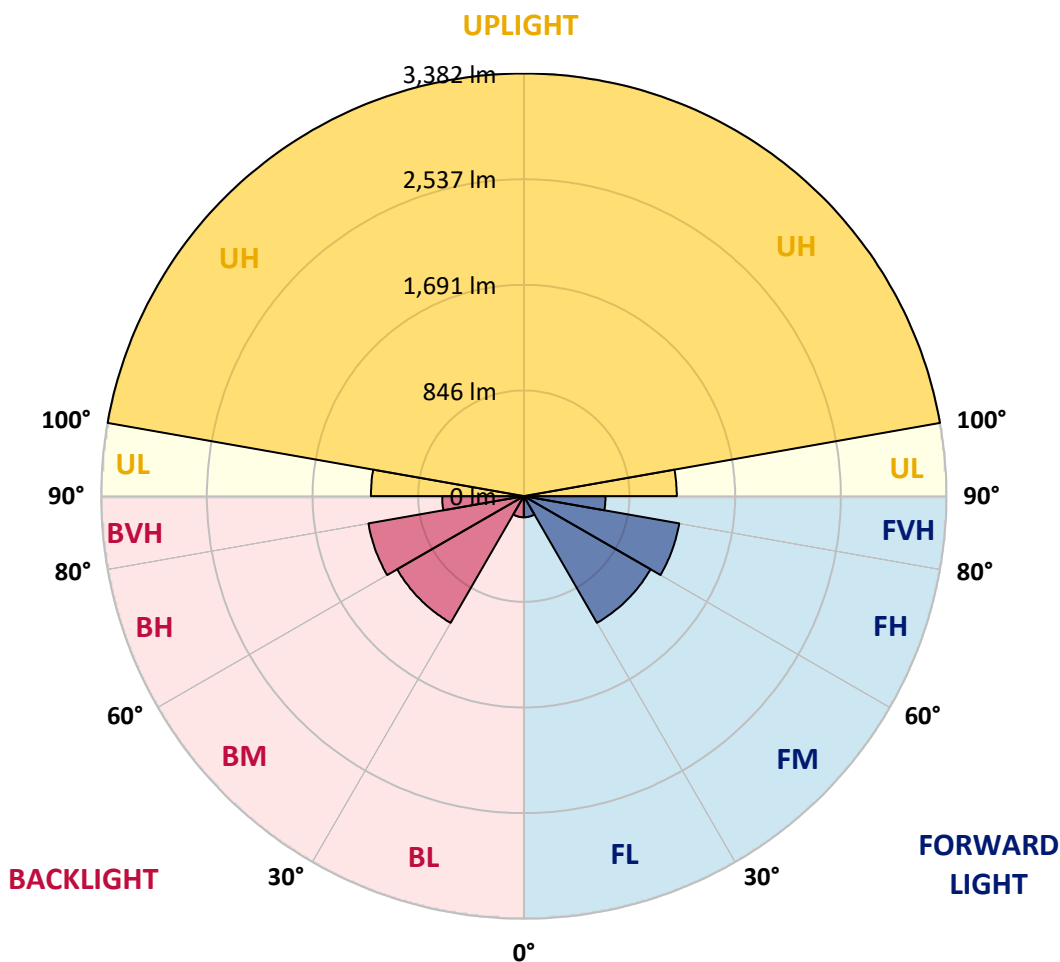


REPORT NUMBER: P856410  
 CATALOG NUMBER: FFX-CLB-70-750-U-VM9

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	169.4	1.5			
FM	(30°-60°)	1170.9	10.5			
FH	(60°-80°)	1263.1	11.4			G1/1800
FVH	(80°-90°)	653.8	5.9			G4/750
BL	(0°-30°)	169.4	1.5	B1/500		
BM	(30°-60°)	1170.9	10.5	B2/2500		
BH	(60°-80°)	1263.1	11.4	B3/2500		G1/1800
BVH	(80°-90°)	653.8	5.9			G4/750
UL	(90°-100°)	1224.0	11.0		U5	
UH	(100°-180°)	3382.4	30.4		U5	

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





REPORT NUMBER: P856410

CATALOG NUMBER: FFX-CLB-70-750-U-VM9

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
2.5°	114.5	114.5	113.8	113.8	113.1	112.4	112.4	111.7	111.0	111.0	111.0
5°	127.4	126.7	126.7	126.7	126.7	126.0	126.7	126.0	126.0	126.0	126.7
7.5°	155.3	154.6	154.6	154.6	155.3	155.3	156.1	156.8	157.5	157.5	157.5
10°	191.8	191.1	191.1	190.4	191.8	191.8	192.6	191.1	193.3	193.3	194.0
12.5°	234.8	234.1	234.1	233.4	234.8	234.1	235.5	234.1	237.7	236.2	236.2
15°	281.3	281.3	280.6	279.9	282.0	282.0	283.5	283.5	285.6	284.2	284.9
17.5°	330.7	330.0	330.0	329.3	331.4	331.4	331.4	332.9	335.7	332.9	335.0
20°	383.7	383.0	383.0	382.3	384.4	384.4	385.8	386.5	389.4	387.3	388.7
22.5°	441.0	440.2	440.2	440.2	443.1	443.8	443.8	446.0	449.5	446.0	448.8
25°	504.7	503.9	503.9	506.1	508.2	509.0	510.4	513.3	516.8	513.3	516.8
27.5°	572.7	571.9	573.4	576.2	578.4	579.8	582.0	582.7	587.7	584.1	589.1
30°	642.8	642.1	643.5	647.1	650.0	654.3	654.3	656.4	663.6	658.6	663.6
32.5°	712.3	711.5	713.7	718.0	722.3	726.6	727.3	730.1	737.3	733.7	738.7
35°	781.0	780.3	783.1	788.8	793.1	797.4	798.9	801.7	809.6	806.0	811.0
37.5°	846.1	846.1	849.0	855.4	860.4	866.2	865.4	869.0	876.2	874.0	879.0
40°	907.0	907.0	910.5	918.4	924.1	927.7	927.0	930.6	938.5	937.7	942.0
42.5°	962.1	962.1	967.1	975.0	980.7	982.8	982.8	986.4	995.0	994.3	998.6
45°	1008.6	1010.8	1016.5	1025.1	1030.1	1032.2	1030.8	1034.4	1043.7	1043.7	1047.3
47.5°	1051.6	1054.4	1060.1	1068.7	1072.3	1074.5	1073.0	1075.9	1085.2	1086.6	1090.2
50°	1088.8	1090.9	1098.1	1107.4	1111.0	1111.0	1108.8	1111.7	1121.7	1124.6	1127.4
52.5°	1121.0	1123.1	1131.0	1141.0	1143.2	1142.5	1139.6	1142.5	1152.5	1155.3	1157.5
55°	1146.8	1148.9	1158.2	1168.2	1170.4	1168.2	1163.9	1167.5	1176.8	1181.1	1184.7
57.5°	1167.5	1169.7	1180.4	1190.4	1192.6	1188.3	1183.3	1186.8	1197.6	1202.6	1204.0
60°	1184.7	1186.8	1198.3	1209.0	1210.5	1205.5	1199.7	1203.3	1214.0	1219.8	1221.2
62.5°	1198.3	1200.4	1212.6	1224.8	1225.5	1219.1	1212.6	1216.2	1226.9	1233.4	1235.5
65°	1207.6	1209.8	1223.4	1235.5	1237.0	1229.1	1222.6	1226.2	1236.2	1244.1	1245.5
67.5°	1214.0	1216.2	1231.2	1244.1	1244.8	1236.2	1229.1	1231.9	1243.4	1251.3	1252.7
70°	1216.9	1219.1	1234.8	1248.4	1249.1	1239.8	1231.2	1234.8	1246.3	1255.6	1257.0
72.5°	1217.6	1220.5	1237.0	1250.6	1251.3	1240.5	1231.9	1234.8	1247.0	1257.7	1258.4
75°	1214.8	1218.3	1235.5	1249.8	1249.8	1237.7	1228.4	1231.2	1244.8	1256.3	1258.4
77.5°	1211.2	1213.3	1231.2	1245.5	1244.8	1231.9	1221.2	1225.5	1239.1	1252.0	1253.4
80°	1203.3	1206.2	1224.1	1237.7	1236.2	1221.9	1211.9	1216.2	1230.5	1244.1	1245.5
82.5°	1193.3	1196.2	1214.0	1226.2	1224.8	1209.8	1199.7	1204.7	1219.8	1234.1	1235.5
85°	1181.1	1184.0	1201.2	1212.6	1210.5	1195.4	1185.4	1189.7	1206.2	1220.5	1221.9
87.5°	1165.4	1168.2	1185.4	1195.4	1193.3	1177.5	1169.0	1174.7	1189.7	1204.7	1205.5
90°	1147.5	1151.1	1166.1	1175.4	1172.5	1158.2	1150.3	1156.1	1171.1	1185.4	1186.8
92.5°	1129.6	1131.0	1145.3	1153.2	1151.1	1138.2	1131.0	1137.5	1151.1	1165.4	1165.4
95°	1108.1	1110.3	1123.1	1129.6	1127.4	1116.7	1110.3	1117.4	1129.6	1143.2	1143.9
97.5°	1085.2	1087.3	1098.1	1104.5	1102.4	1093.1	1088.8	1095.9	1106.7	1119.6	1120.3
100°	1060.9	1062.3	1071.6	1077.3	1075.2	1068.0	1065.2	1072.3	1082.3	1094.5	1094.5
102.5°	1033.7	1035.1	1042.2	1045.8	1045.1	1039.4	1039.4	1047.3	1055.1	1066.6	1068.0
105°	1005.0	1006.5	1011.5	1013.6	1012.9	1010.8	1012.2	1020.1	1026.5	1036.5	1038.0
107.5°	972.8	974.2	977.1	977.8	977.8	977.8	982.8	990.0	997.2	1004.3	1005.0
110°	938.5	939.2	941.3	940.6	940.6	942.0	949.2	957.1	962.8	969.9	970.7



REPORT NUMBER: P856410  
 CATALOG NUMBER: FFX-CLB-70-750-U-VM9

**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	901.2	901.9	903.4	900.5	901.2	904.1	913.4	922.0	925.6	932.7	932.7
115°	861.9	861.1	862.6	859.0	858.3	863.3	873.3	883.3	886.2	891.2	891.9
117.5°	818.9	819.6	818.9	814.6	813.9	821.1	830.4	839.7	843.2	849.0	847.5
120°	774.5	773.8	774.5	769.5	768.8	776.7	786.0	795.3	797.4	802.4	801.0
122.5°	729.4	728.7	728.0	723.0	723.0	729.4	740.9	750.2	748.8	754.5	753.8
125°	682.9	682.9	681.5	676.5	676.5	684.3	693.6	702.2	700.8	707.2	705.1
127.5°	637.1	637.1	635.7	631.4	631.4	638.5	647.1	655.7	653.6	659.3	657.1
130°	592.0	592.0	590.6	586.3	586.3	592.0	601.3	608.5	605.6	610.6	609.9
132.5°	549.0	548.3	547.6	543.3	544.0	549.8	556.9	563.4	560.5	566.2	564.1
135°	507.5	506.8	506.1	501.8	502.5	508.2	514.7	519.7	517.5	521.1	520.4
137.5°	468.2	467.4	466.7	463.1	463.9	468.2	474.6	478.9	476.0	481.0	478.9
140°	430.9	430.2	428.8	426.6	427.4	431.6	435.2	440.2	437.4	441.7	439.5
142.5°	395.1	395.1	393.7	391.6	392.3	396.6	399.4	403.0	400.1	403.7	402.3
145°	362.2	362.2	360.8	359.3	359.3	362.9	365.1	368.7	365.8	369.4	367.9
147.5°	332.1	332.1	330.7	329.3	329.3	332.9	334.3	337.2	334.3	337.2	335.7
150°	304.2	304.2	303.5	302.1	302.8	304.2	305.7	307.8	305.7	307.8	307.1
152.5°	279.9	279.9	279.2	278.5	277.7	279.9	280.6	282.8	280.6	282.8	281.3
155°	258.4	257.7	257.7	256.3	256.3	257.7	258.4	259.8	257.7	259.8	259.1
157.5°	239.1	239.1	238.4	237.7	237.7	238.4	239.1	239.8	238.4	240.5	239.1
160°	222.6	222.6	221.9	221.2	221.2	221.9	221.9	222.6	221.2	222.6	221.9
162.5°	208.3	208.3	207.6	207.6	206.9	207.6	208.3	208.3	207.6	208.3	207.6
165°	196.9	196.9	196.1	195.4	195.4	196.1	196.1	196.9	195.4	196.1	196.1
167.5°	186.1	186.1	186.1	185.4	184.7	185.4	185.4	185.4	184.7	185.4	185.4
170°	178.2	178.2	178.2	177.5	176.8	177.5	177.5	177.5	176.8	177.5	177.5
172.5°	171.8	171.8	171.8	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1
175°	167.5	167.5	167.5	167.5	166.8	167.5	167.5	167.5	167.5	167.5	166.8
177.5°	165.4	164.6	164.6	164.6	164.6	164.6	164.6	164.6	164.6	164.6	164.6
180°	163.9	163.9	163.9	163.9	163.9	163.9	163.9	163.9	163.9	163.9	163.9



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.

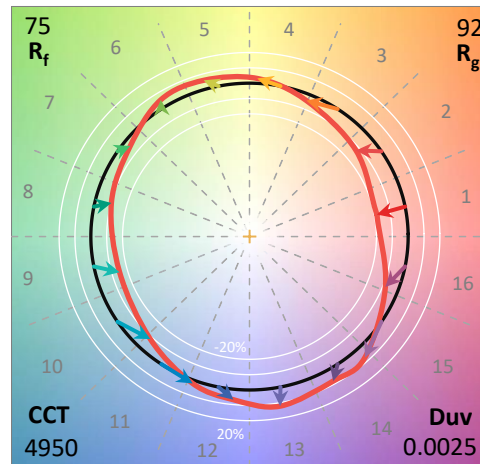
**Test Information**

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



**Test Conditions**

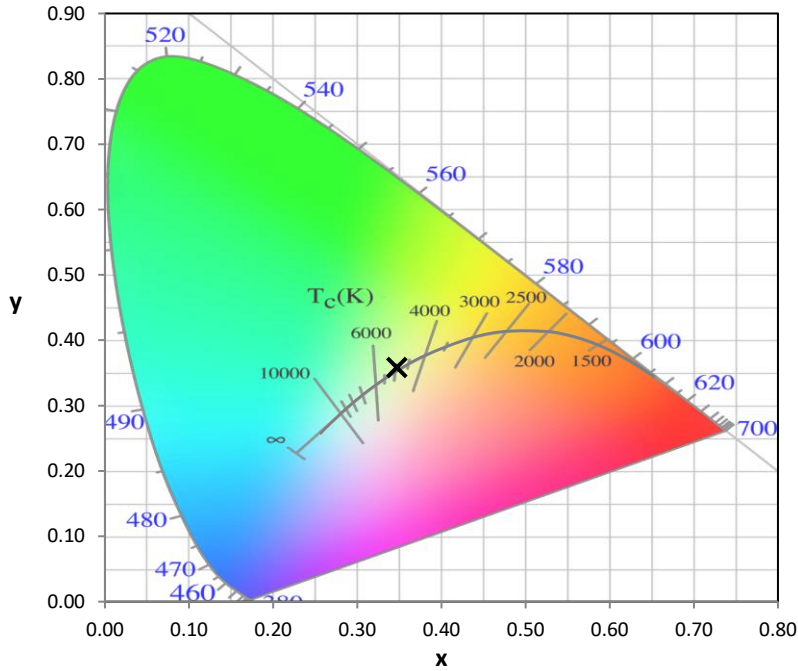
Stabilization Time: 0.803355M  
 Operation Time: 1H  
 Sphere Temperature (°C): 24.7

REPORT NUMBER: SP1-2406-133-5

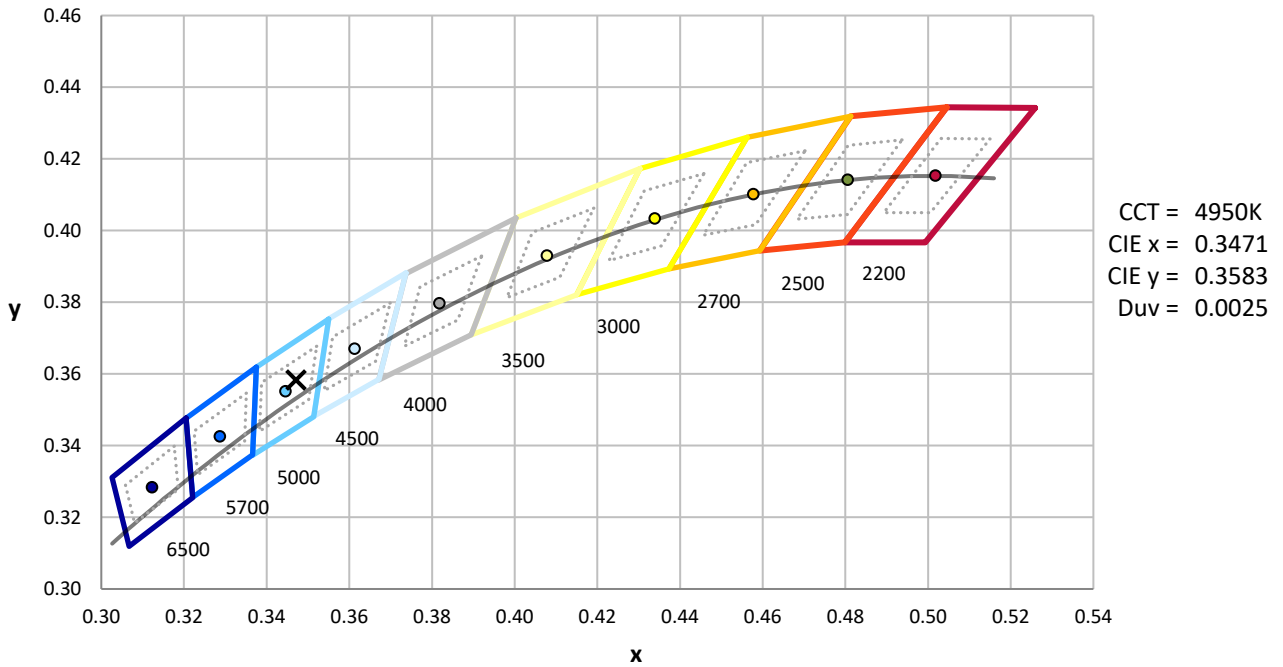
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2406-133-5

CIE 1931 Chromaticity Diagram



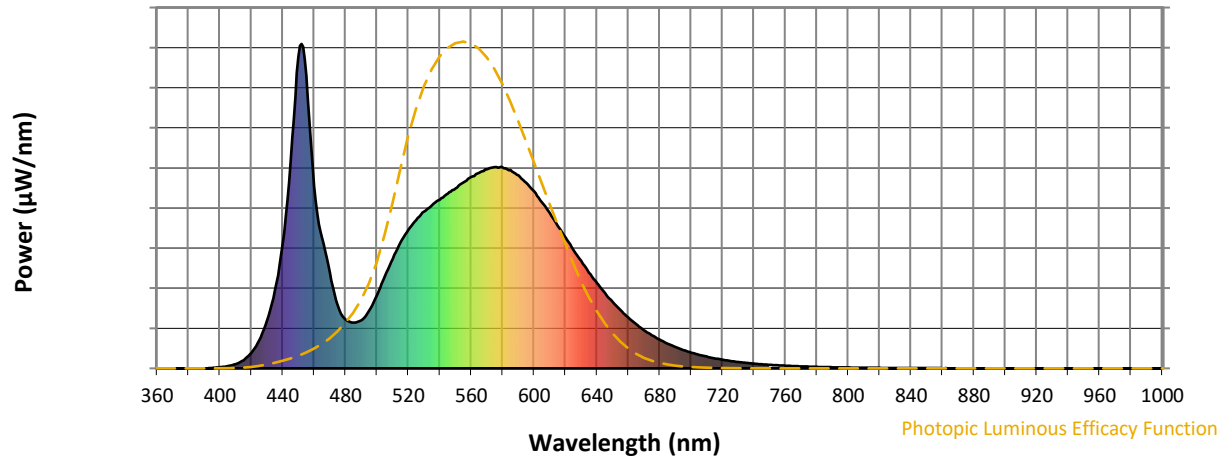
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2406-133-5

**Photopic Flux vs. Wavelength**

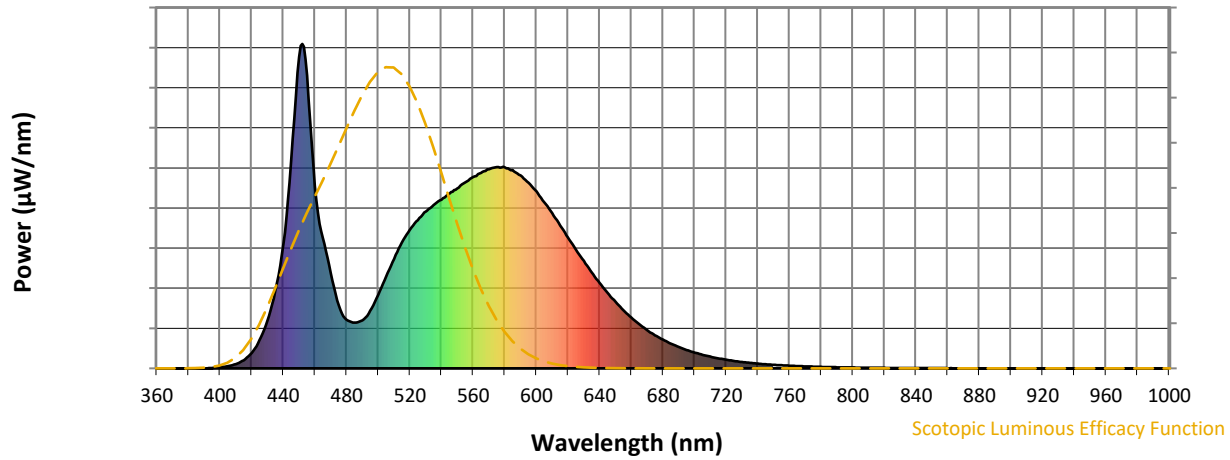


**Photopic Lumens: NR**

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			

REPORT NUMBER: SP1-2406-133-5

**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			

REPORT NUMBER: SP1-2406-133-5

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			

REPORT NUMBER: SP1-2406-133-5

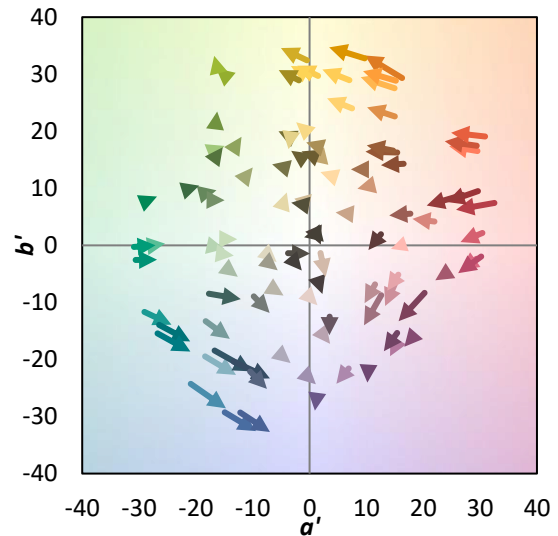
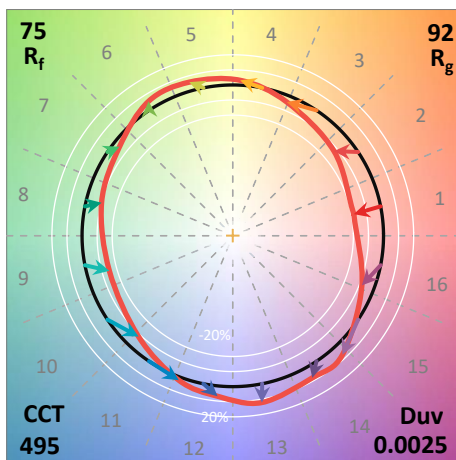
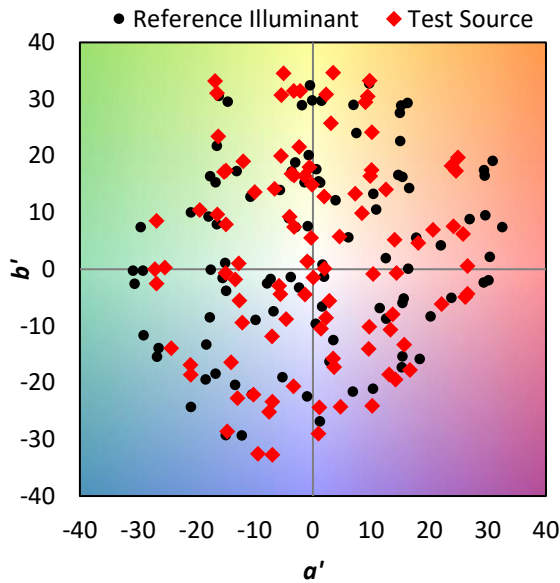
TM-30-18

**Summary**

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



**Color Vector Graphics**



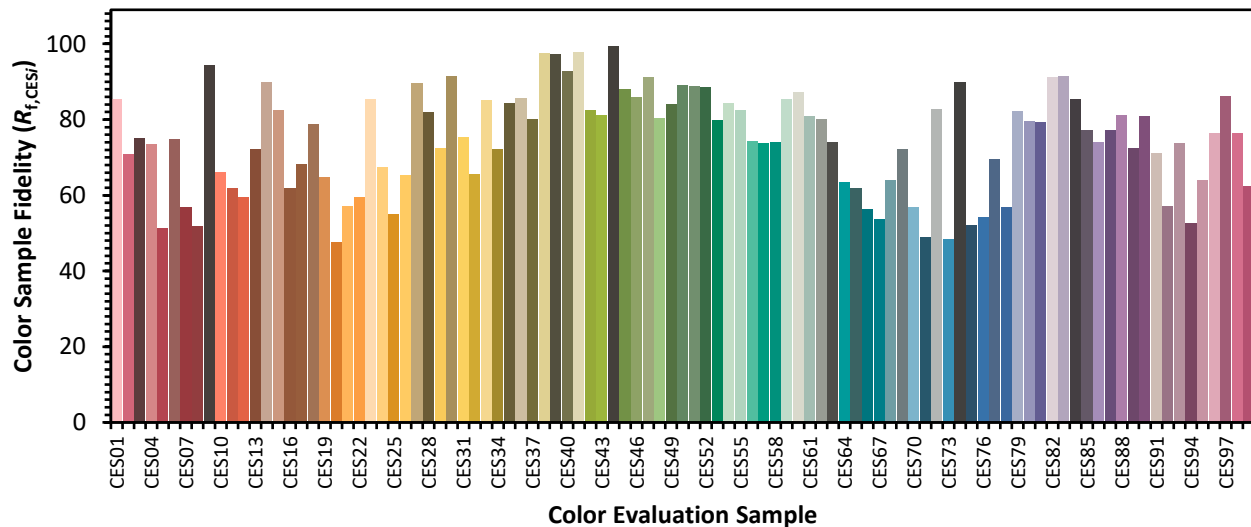


REPORT NUMBER: SP1-2406-133-5

TM-30-18

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

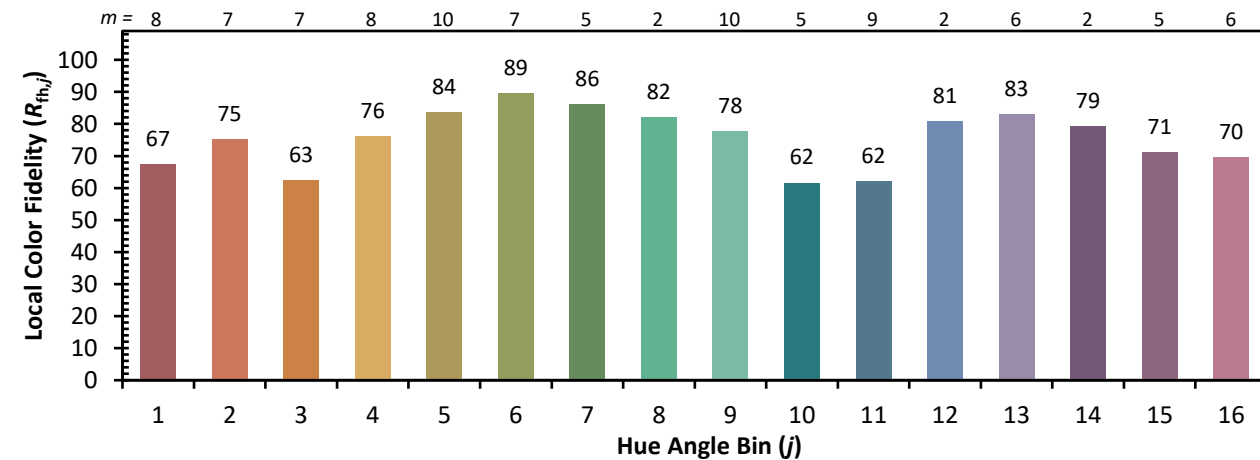
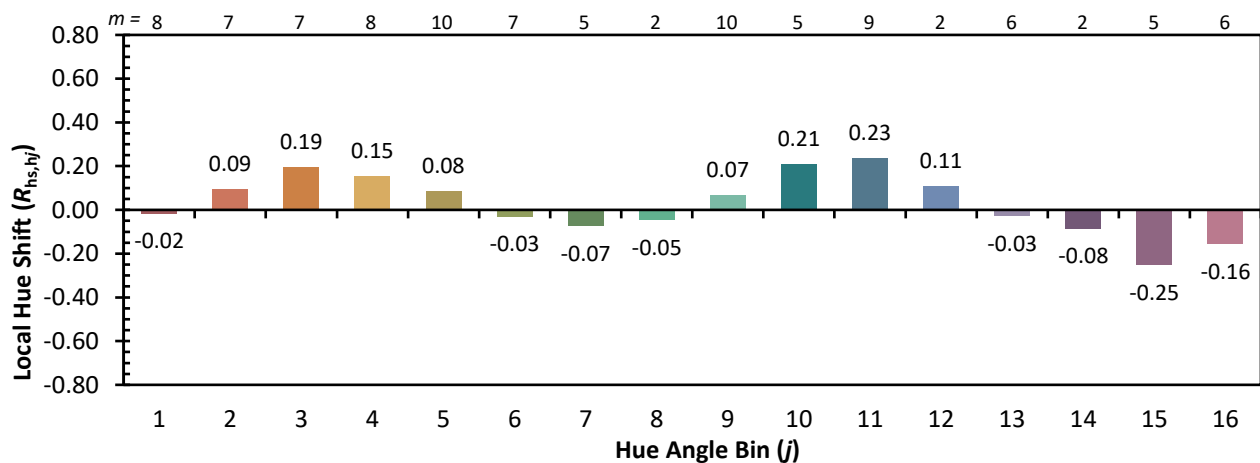
CES01 = 85	CES26 = 65	CES51 = 89	CES76 = 54
CES02 = 60	CES27 = 90	CES52 = 88	CES77 = 69
CES03 = 30	CES28 = 82	CES53 = 80	CES78 = 57
CES04 = 69	CES29 = 72	CES54 = 84	CES79 = 82
CES05 = 46	CES30 = 91	CES55 = 82	CES80 = 79
CES06 = 50	CES31 = 75	CES56 = 74	CES81 = 79
CES07 = 39	CES32 = 66	CES57 = 74	CES82 = 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	



REPORT NUMBER: SP1-2406-133-5

TM-30-18

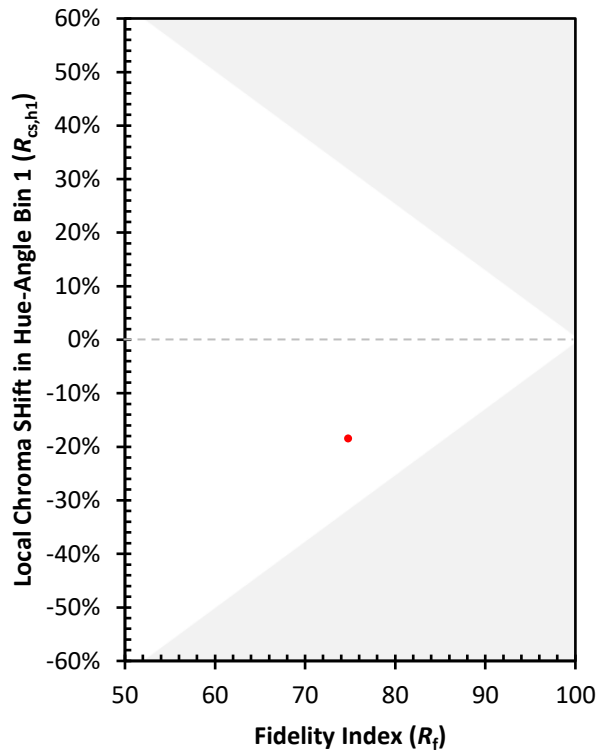
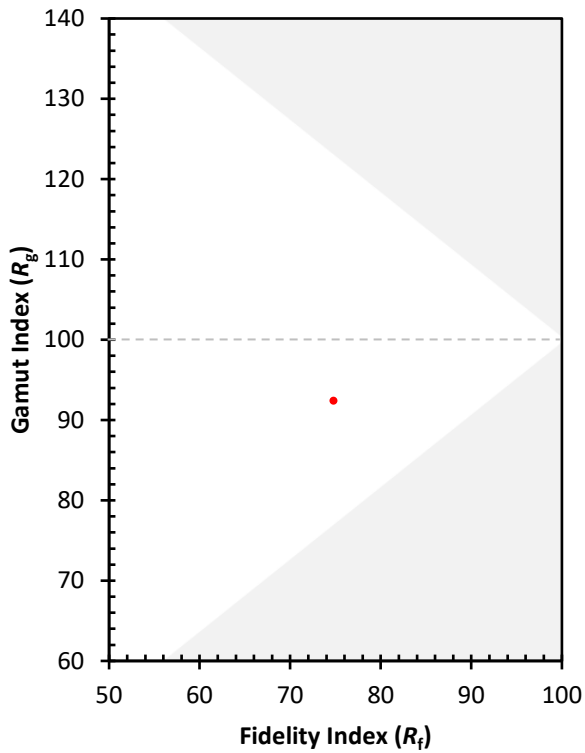
Color Rendition by Hue-Angle Bin



REPORT NUMBER: SP1-2406-133-5

TM-30-18

Measure Comparisons



(END OF REPORT)