

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: P856400

Luminaire Tested: **FFX-CLB-80-740-U-VM9**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856400
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-80-740-U-VM9
Description: FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK
Light Source: (6) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

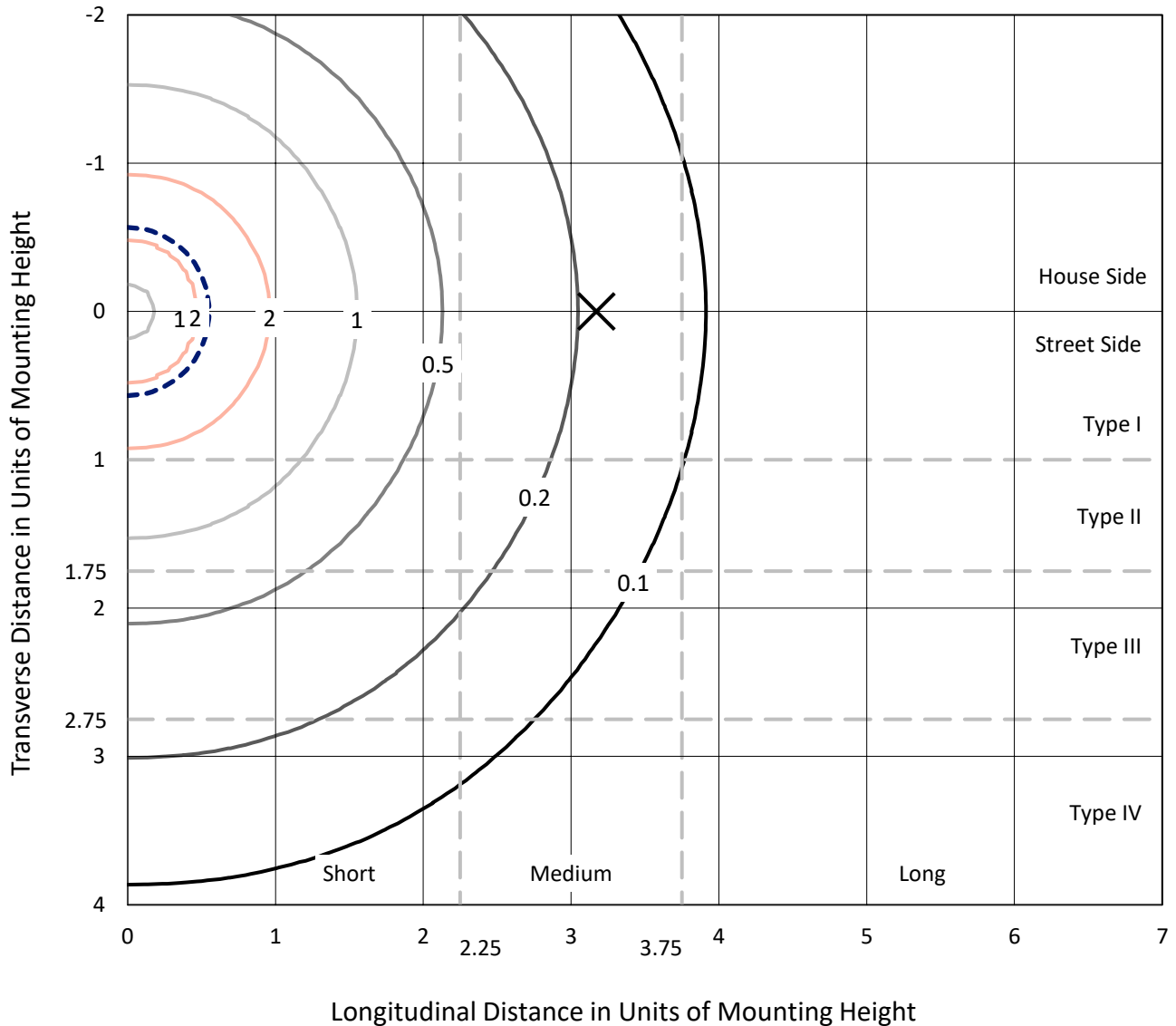
Lumens per Lamp: N/A
Luminaire Lumens: 13098.2 lumens
Efficiency: N/A
Efficacy: 162.1 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G5

Input Watts (W): 80.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 6.1%%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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 CATALOG NUMBER: FFX-CLB-80-740-U-VM9

Iso-Footcandle Lines of Horizontal Illumination

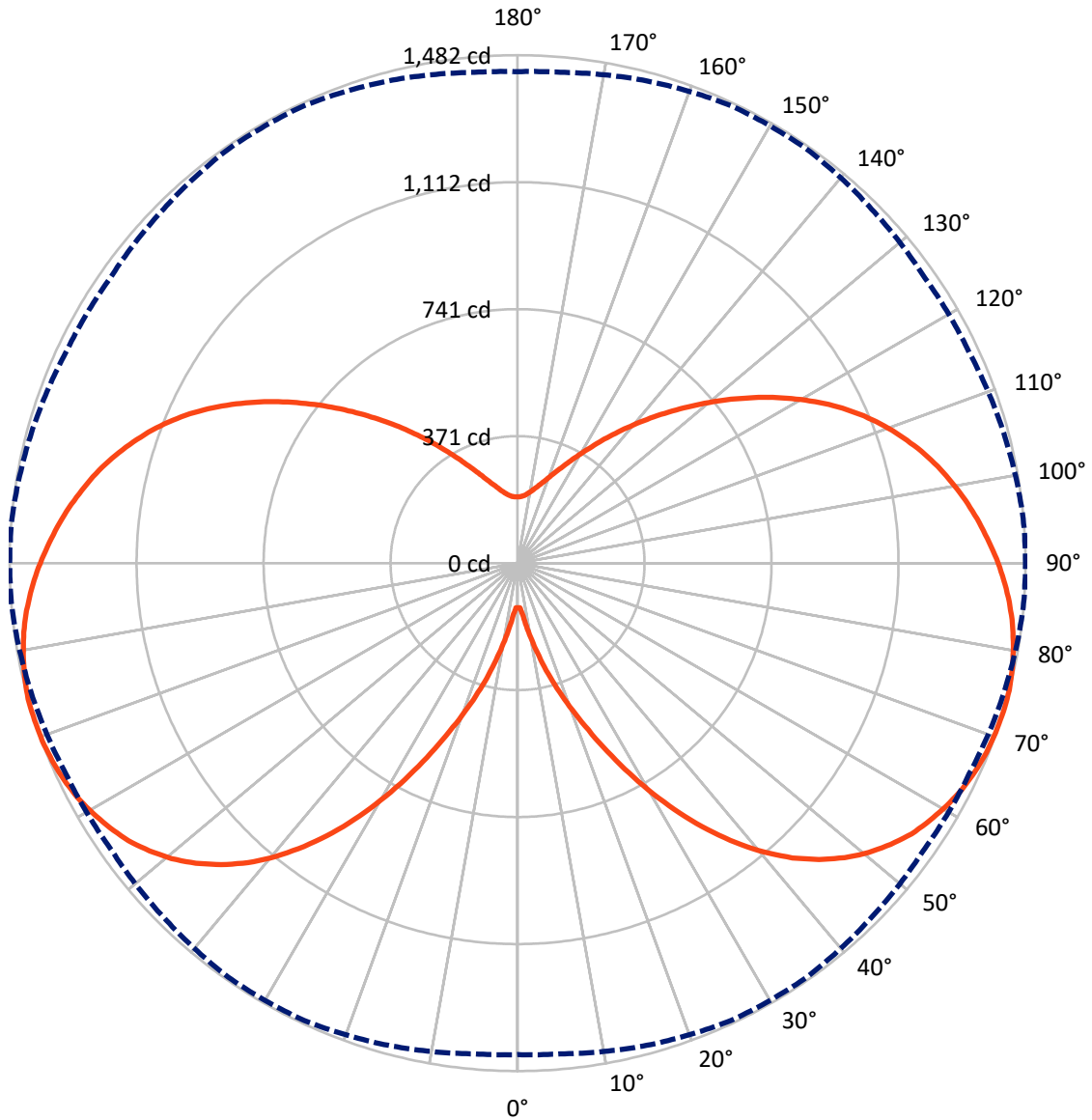
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.3 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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

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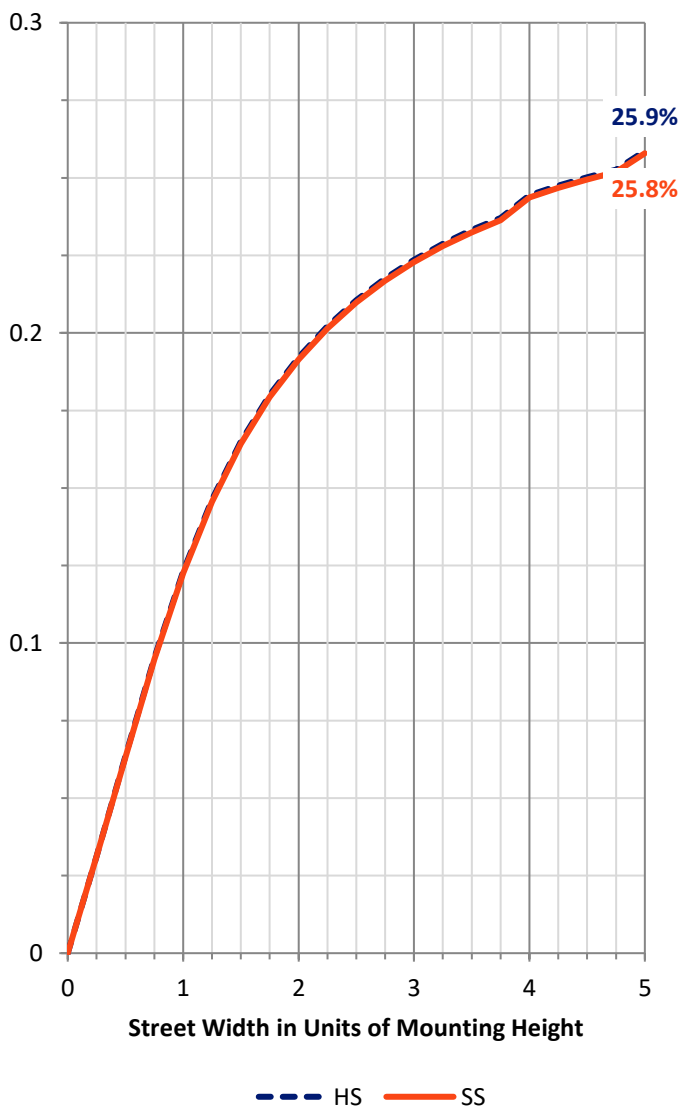
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3836.3	2712.8	6549.1
	% Fixture	29.3	20.7	50.0
Street Side	Lumens	3836.3	2712.8	6549.1
	% Fixture	29.3	20.7	50.0
Total	Lumens	7672.7	5425.5	13098.2
	% Fixture	58.6	41.4	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.8	0.1
10°-20°	98.3	0.8
20°-30°	283.9	2.2
30°-40°	590.6	4.5
40°-50°	937.2	7.2
50°-60°	1230.3	9.4
60°-70°	1434.6	11.0
70°-80°	1540.9	11.8
80°-90°	1540.1	11.8
90°-100°	1441.7	11.0
100°-110°	1265.0	9.7
110°-120°	1017.3	7.8
120°-130°	730.7	5.6
130°-140°	469.6	3.6
140°-150°	272.4	2.1
150°-160°	143.1	1.1
160°-170°	66.6	0.5
170°-180°	19.2	0.1
0°-90°	7672.7	58.6
0°-180°	13098.2	100.0

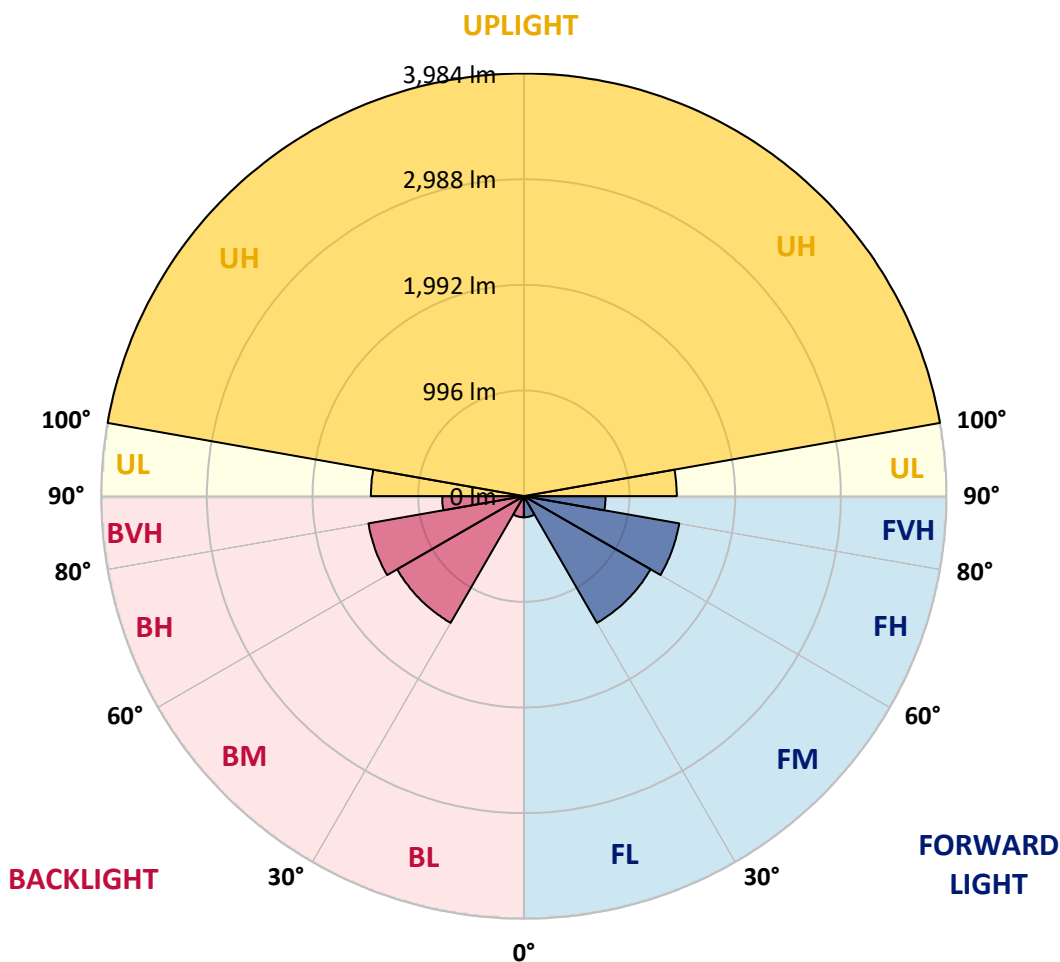


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	199.5	1.5			
FM (30°-60°)	1379.1	10.5			
FH (60°-80°)	1487.7	11.4			G1/1800
FVH (80°-90°)	770.1	5.9			G5
BL (0°-30°)	199.5	1.5	B1/500		
BM (30°-60°)	1379.1	10.5	B2/2500		
BH (60°-80°)	1487.7	11.4	B3/2500		G1/1800
BVH (80°-90°)	770.1	5.9			G5
UL (90°-100°)	1441.7	11.0		U5	
UH (100°-180°)	3983.8	30.4		U5	

BUG Rating: B3-U5-G5
 Type V Short





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CATALOG NUMBER: FFX-CLB-80-740-U-VM9

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	129.8	129.8	129.8	129.8	129.8	129.8	129.8	129.8	129.8	129.8	129.8
2.5°	134.9	134.9	134.1	134.1	133.2	132.4	132.4	131.5	130.7	130.7	130.7
5°	150.1	149.2	149.2	149.2	149.2	148.4	149.2	148.4	148.4	148.4	149.2
7.5°	183.0	182.1	182.1	182.1	183.0	183.0	183.8	184.6	185.5	185.5	185.5
10°	226.0	225.1	225.1	224.3	226.0	226.0	226.8	225.1	227.6	227.6	228.5
12.5°	276.5	275.7	275.7	274.9	276.5	275.7	277.4	275.7	279.9	278.2	278.2
15°	331.3	331.3	330.5	329.7	332.2	332.2	333.9	333.9	336.4	334.7	335.6
17.5°	389.5	388.7	388.7	387.8	390.4	390.4	390.4	392.0	395.4	392.0	394.6
20°	451.9	451.1	451.1	450.2	452.8	452.8	454.4	455.3	458.7	456.1	457.8
22.5°	519.4	518.5	518.5	518.5	521.9	522.7	522.7	525.3	529.5	525.3	528.6
25°	594.4	593.5	593.5	596.1	598.6	599.5	601.1	604.5	608.7	604.5	608.7
27.5°	674.5	673.6	675.3	678.7	681.2	682.9	685.4	686.3	692.2	688.0	693.9
30°	757.1	756.3	758.0	762.2	765.5	770.6	770.6	773.1	781.6	775.7	781.6
32.5°	838.9	838.1	840.6	845.6	850.7	855.8	856.6	860.0	868.4	864.2	870.1
35°	919.8	919.0	922.4	929.1	934.2	939.2	940.9	944.3	953.6	949.3	955.2
37.5°	996.6	996.6	999.9	1007.5	1013.4	1020.2	1019.3	1023.5	1032.0	1029.4	1035.3
40°	1068.2	1068.2	1072.4	1081.7	1088.5	1092.7	1091.8	1096.0	1105.3	1104.5	1109.5
42.5°	1133.1	1133.1	1139.0	1148.3	1155.1	1157.6	1157.6	1161.8	1171.9	1171.1	1176.1
45°	1187.9	1190.5	1197.2	1207.3	1213.2	1215.8	1214.1	1218.3	1229.3	1229.3	1233.5
47.5°	1238.5	1241.9	1248.6	1258.8	1263.0	1265.5	1263.8	1267.2	1278.2	1279.8	1284.1
50°	1282.4	1284.9	1293.3	1304.3	1308.5	1308.5	1306.0	1309.4	1321.2	1324.5	1327.9
52.5°	1320.3	1322.8	1332.1	1343.9	1346.4	1345.6	1342.2	1345.6	1357.4	1360.8	1363.3
55°	1350.7	1353.2	1364.2	1376.0	1378.5	1376.0	1370.9	1375.1	1386.1	1391.1	1395.3
57.5°	1375.1	1377.6	1390.3	1402.1	1404.6	1399.6	1393.7	1397.9	1410.5	1416.4	1418.1
60°	1395.3	1397.9	1411.4	1424.0	1425.7	1419.8	1413.1	1417.3	1429.9	1436.7	1438.3
62.5°	1411.4	1413.9	1428.2	1442.6	1443.4	1435.8	1428.2	1432.4	1445.1	1452.7	1455.2
65°	1422.3	1424.9	1440.9	1455.2	1456.9	1447.6	1440.0	1444.2	1456.1	1465.3	1467.0
67.5°	1429.9	1432.4	1450.2	1465.3	1466.2	1456.1	1447.6	1451.0	1464.5	1473.8	1475.4
70°	1433.3	1435.8	1454.4	1470.4	1471.2	1460.3	1450.2	1454.4	1467.9	1478.8	1480.5
72.5°	1434.1	1437.5	1456.9	1472.9	1473.8	1461.1	1451.0	1454.4	1468.7	1481.3	1482.2
75°	1430.8	1435.0	1455.2	1472.1	1472.1	1457.7	1446.8	1450.2	1466.2	1479.7	1482.2
77.5°	1426.5	1429.1	1450.2	1467.0	1466.2	1451.0	1438.3	1443.4	1459.4	1474.6	1476.3
80°	1417.3	1420.6	1441.7	1457.7	1456.1	1439.2	1427.4	1432.4	1449.3	1465.3	1467.0
82.5°	1405.5	1408.8	1429.9	1444.2	1442.6	1424.9	1413.1	1419.0	1436.7	1453.5	1455.2
85°	1391.1	1394.5	1414.7	1428.2	1425.7	1408.0	1396.2	1401.2	1420.6	1437.5	1439.2
87.5°	1372.6	1376.0	1396.2	1408.0	1405.5	1386.9	1376.8	1383.5	1401.2	1419.0	1419.8
90°	1351.5	1355.7	1373.4	1384.4	1381.0	1364.2	1354.9	1361.6	1379.3	1396.2	1397.9
92.5°	1330.4	1332.1	1349.0	1358.3	1355.7	1340.5	1332.1	1339.7	1355.7	1372.6	1372.6
95°	1305.1	1307.7	1322.8	1330.4	1327.9	1315.3	1307.7	1316.1	1330.4	1346.4	1347.3
97.5°	1278.2	1280.7	1293.3	1300.9	1298.4	1287.4	1282.4	1290.8	1303.4	1318.6	1319.5
100°	1249.5	1251.2	1262.1	1268.9	1266.4	1257.9	1254.5	1263.0	1274.8	1289.1	1289.1
102.5°	1217.5	1219.1	1227.6	1231.8	1230.9	1224.2	1224.2	1233.5	1242.7	1256.2	1257.9
105°	1183.7	1185.4	1191.3	1193.8	1193.0	1190.5	1192.2	1201.4	1209.0	1220.8	1222.5
107.5°	1145.8	1147.5	1150.8	1151.7	1151.7	1151.7	1157.6	1166.0	1174.5	1182.9	1183.7
110°	1105.3	1106.2	1108.7	1107.8	1107.8	1109.5	1118.0	1127.2	1134.0	1142.4	1143.3



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1061.5	1062.3	1064.0	1060.6	1061.5	1064.8	1075.8	1085.9	1090.1	1098.6	1098.6
115°	1015.1	1014.3	1015.9	1011.7	1010.9	1016.8	1028.6	1040.4	1043.8	1049.7	1050.5
117.5°	964.5	965.4	964.5	959.5	958.6	967.0	978.0	989.0	993.2	999.9	998.2
120°	912.2	911.4	912.2	906.3	905.5	914.8	925.7	936.7	939.2	945.1	943.4
122.5°	859.1	858.3	857.4	851.5	851.5	859.1	872.6	883.6	881.9	888.6	887.8
125°	804.3	804.3	802.6	796.7	796.7	806.0	817.0	827.1	825.4	833.0	830.5
127.5°	750.4	750.4	748.7	743.6	743.6	752.1	762.2	772.3	769.8	776.5	774.0
130°	697.3	697.3	695.6	690.5	690.5	697.3	708.2	716.6	713.3	719.2	718.3
132.5°	646.7	645.8	645.0	639.9	640.8	647.5	655.9	663.5	660.2	666.9	664.4
135°	597.8	596.9	596.1	591.0	591.9	598.6	606.2	612.1	609.6	613.8	612.9
137.5°	551.4	550.6	549.7	545.5	546.3	551.4	559.0	564.0	560.7	566.6	564.0
140°	507.6	506.7	505.0	502.5	503.3	508.4	512.6	518.5	515.1	520.2	517.7
142.5°	465.4	465.4	463.7	461.2	462.0	467.1	470.5	474.7	471.3	475.5	473.8
145°	426.6	426.6	424.9	423.2	423.2	427.5	430.0	434.2	430.8	435.0	433.4
147.5°	391.2	391.2	389.5	387.8	387.8	392.0	393.7	397.1	393.7	397.1	395.4
150°	358.3	358.3	357.5	355.8	356.6	358.3	360.0	362.5	360.0	362.5	361.7
152.5°	329.7	329.7	328.8	328.0	327.1	329.7	330.5	333.0	330.5	333.0	331.3
155°	304.4	303.5	303.5	301.8	301.8	303.5	304.4	306.0	303.5	306.0	305.2
157.5°	281.6	281.6	280.8	279.9	279.9	280.8	281.6	282.4	280.8	283.3	281.6
160°	262.2	262.2	261.4	260.5	260.5	261.4	261.4	262.2	260.5	262.2	261.4
162.5°	245.3	245.3	244.5	244.5	243.7	244.5	245.3	245.3	244.5	245.3	244.5
165°	231.9	231.9	231.0	230.2	230.2	231.0	231.0	231.9	230.2	231.0	231.0
167.5°	219.2	219.2	219.2	218.4	217.5	218.4	218.4	218.4	217.5	218.4	218.4
170°	209.9	209.9	209.9	209.1	208.2	209.1	209.1	209.1	208.2	209.1	209.1
172.5°	202.3	202.3	202.3	201.5	201.5	201.5	201.5	201.5	201.5	201.5	201.5
175°	197.3	197.3	197.3	197.3	196.4	197.3	197.3	197.3	197.3	197.3	196.4
177.5°	194.8	193.9	193.9	193.9	193.9	193.9	193.9	193.9	193.9	193.9	193.9
180°	193.1	193.1	193.1	193.1	193.1	193.1	193.1	193.1	193.1	193.1	193.1

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.

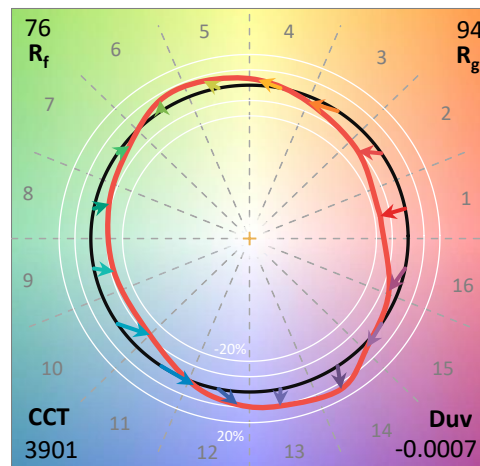
Test Information

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

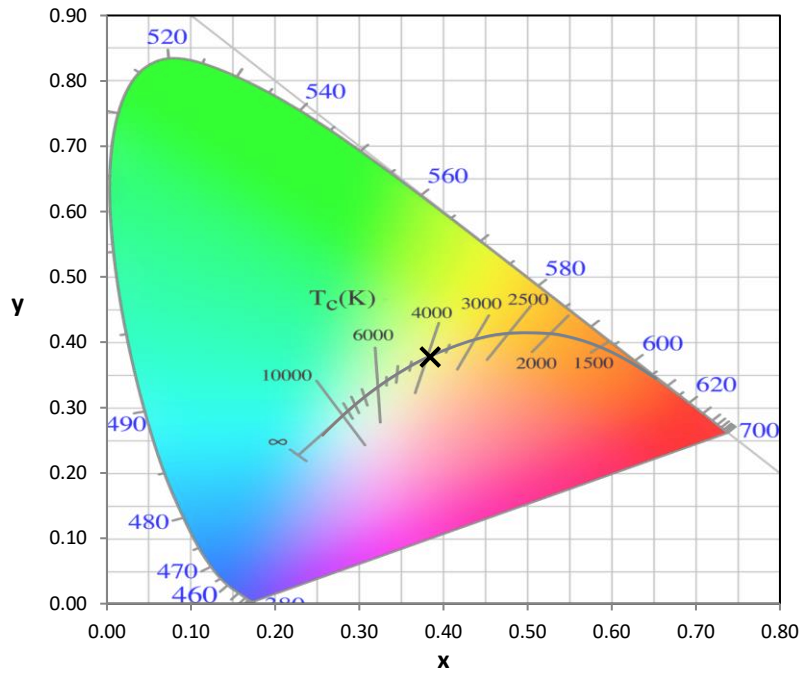
Stabilization Time: 0.818109M
 Operation Time: 1H
 Sphere Temperature (°C): 24.6

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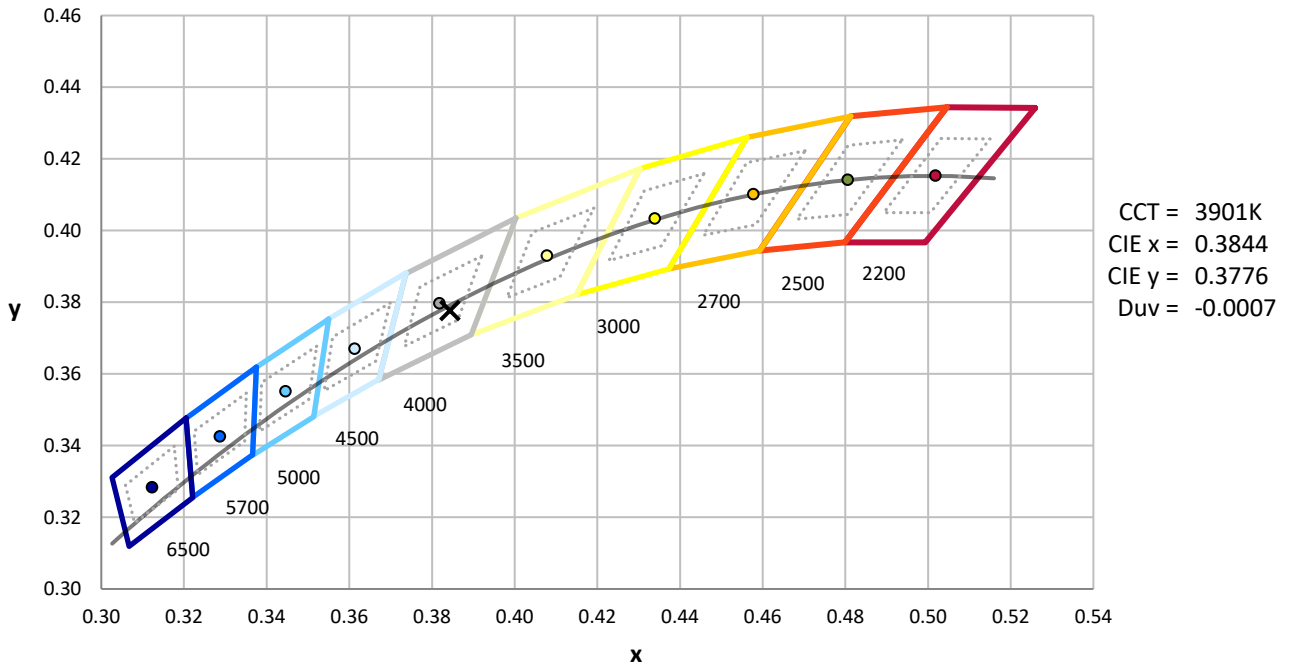
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



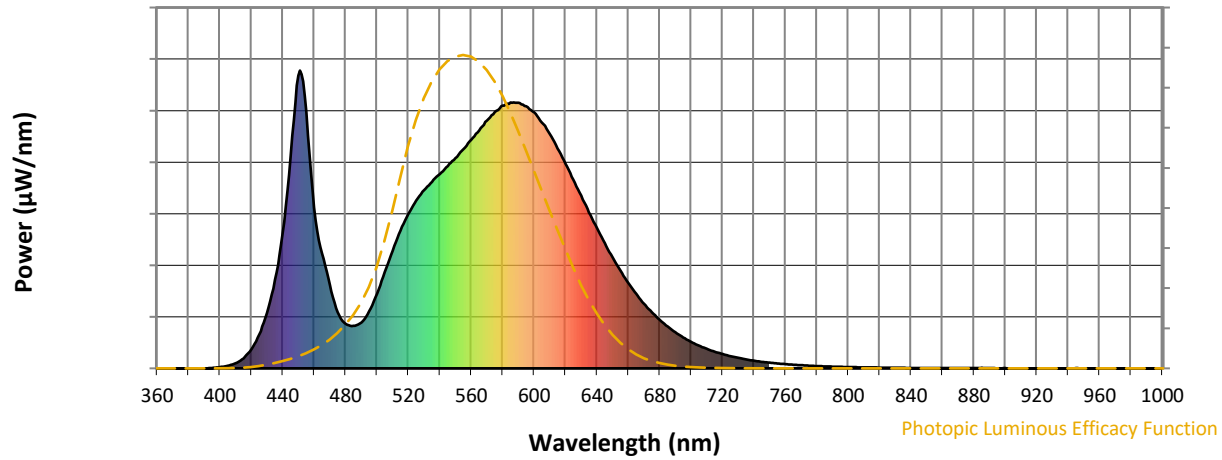
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /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 [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /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 [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /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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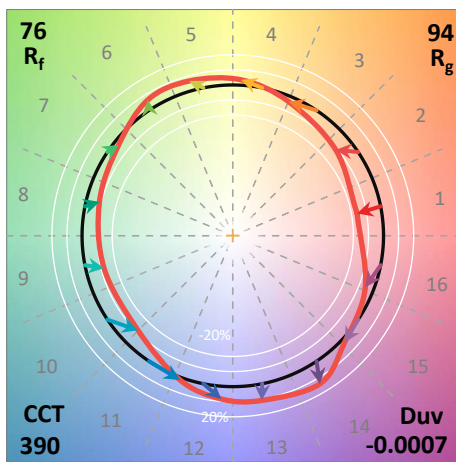
TM-30-18

Summary

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



Color Vector Graphics

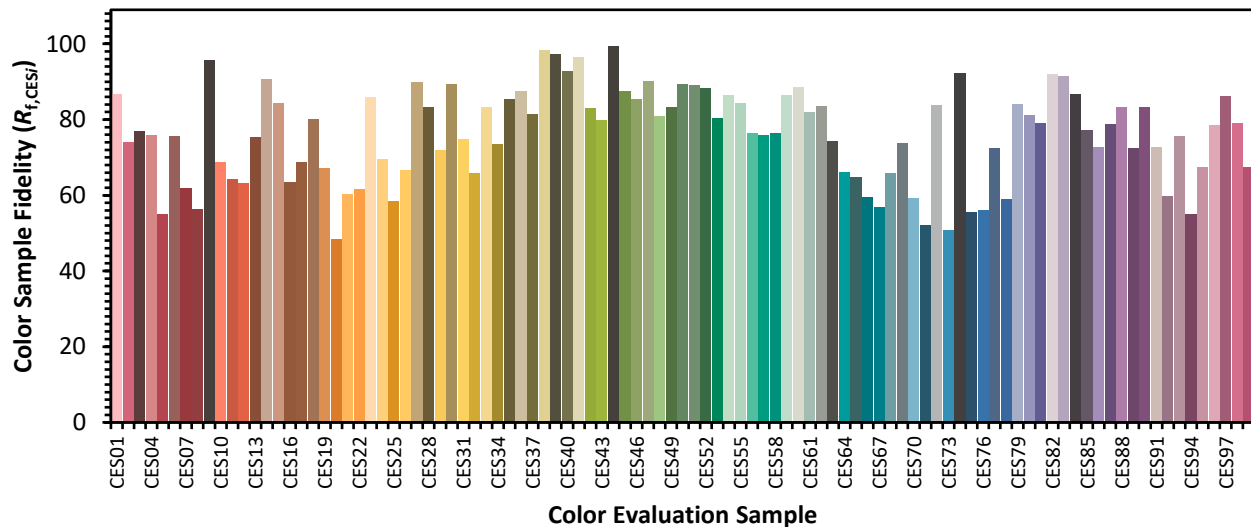


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Individual Sample Fidelity Index ($R_{f,i}$)

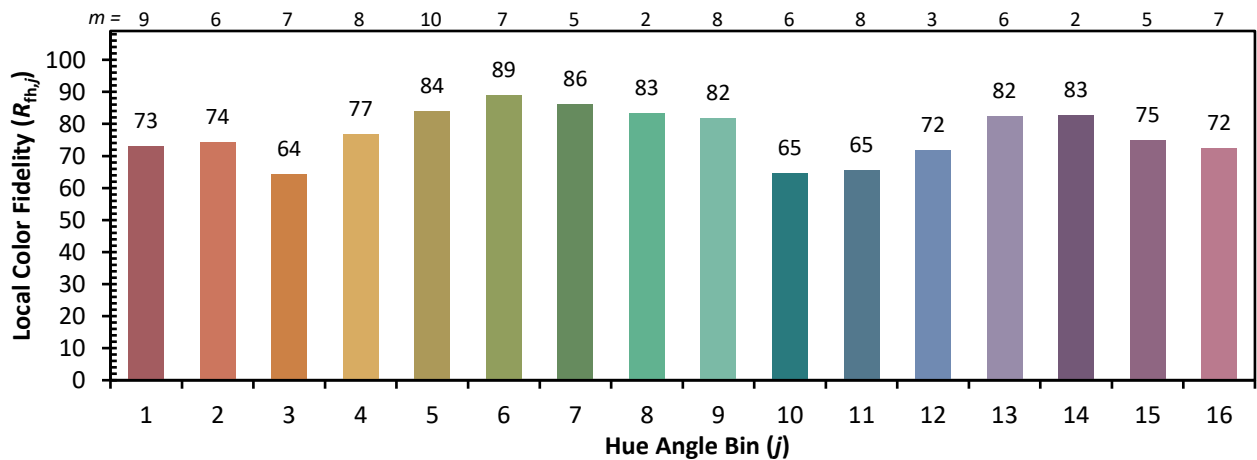
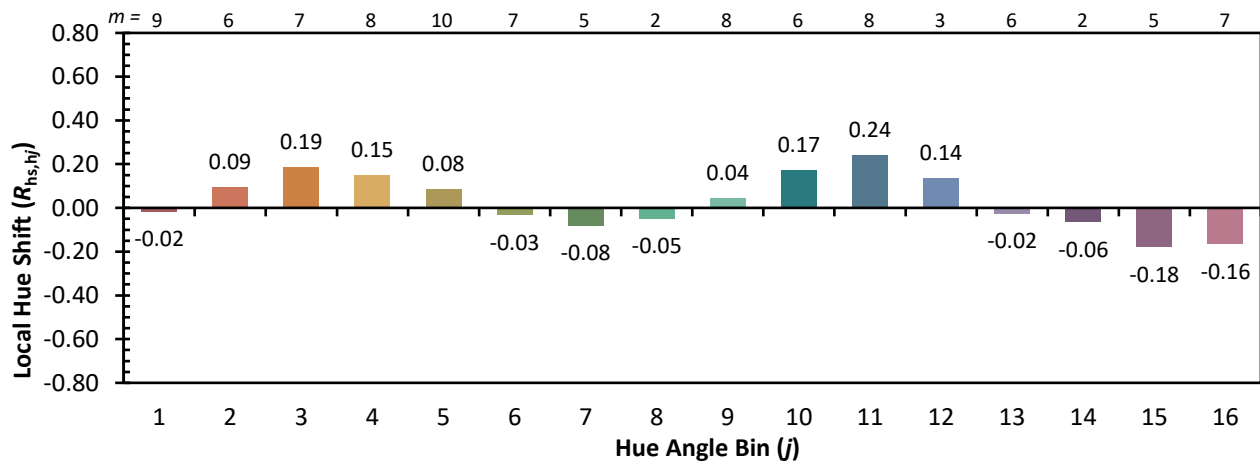
CES01 = 85	CES26 = 67	CES51 = 89	CES76 = 56
CES02 = 61	CES27 = 90	CES52 = 88	CES77 = 72
CES03 = 30	CES28 = 83	CES53 = 80	CES78 = 59
CES04 = 70	CES29 = 72	CES54 = 86	CES79 = 84
CES05 = 48	CES30 = 89	CES55 = 84	CES80 = 81
CES06 = 51	CES31 = 75	CES56 = 77	CES81 = 79
CES07 = 40	CES32 = 66	CES57 = 76	CES82 = 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
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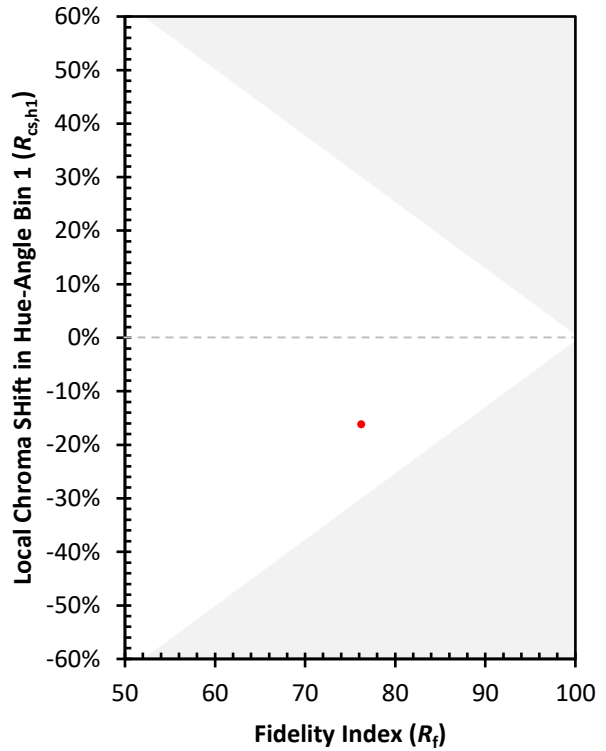
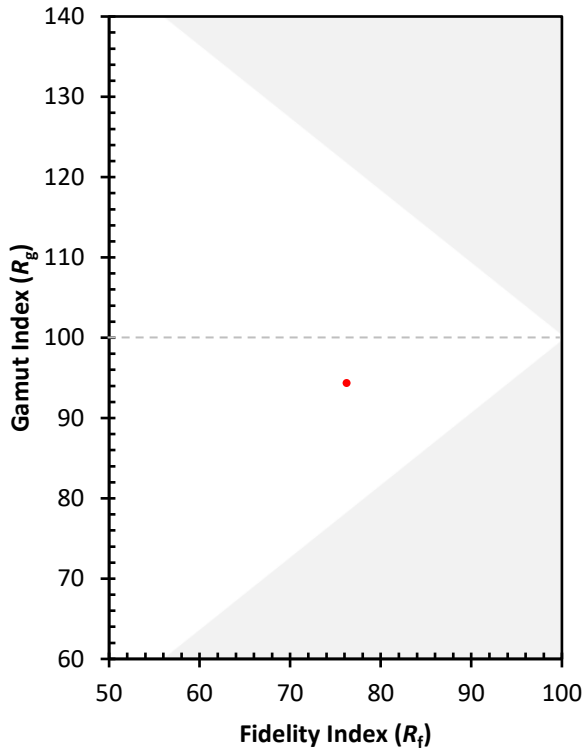
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)