

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: P856354

Luminaire Tested: **FFX-CLB-90-740-U-VM8**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856354
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-90-740-U-VM8
Description: FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source: (6) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

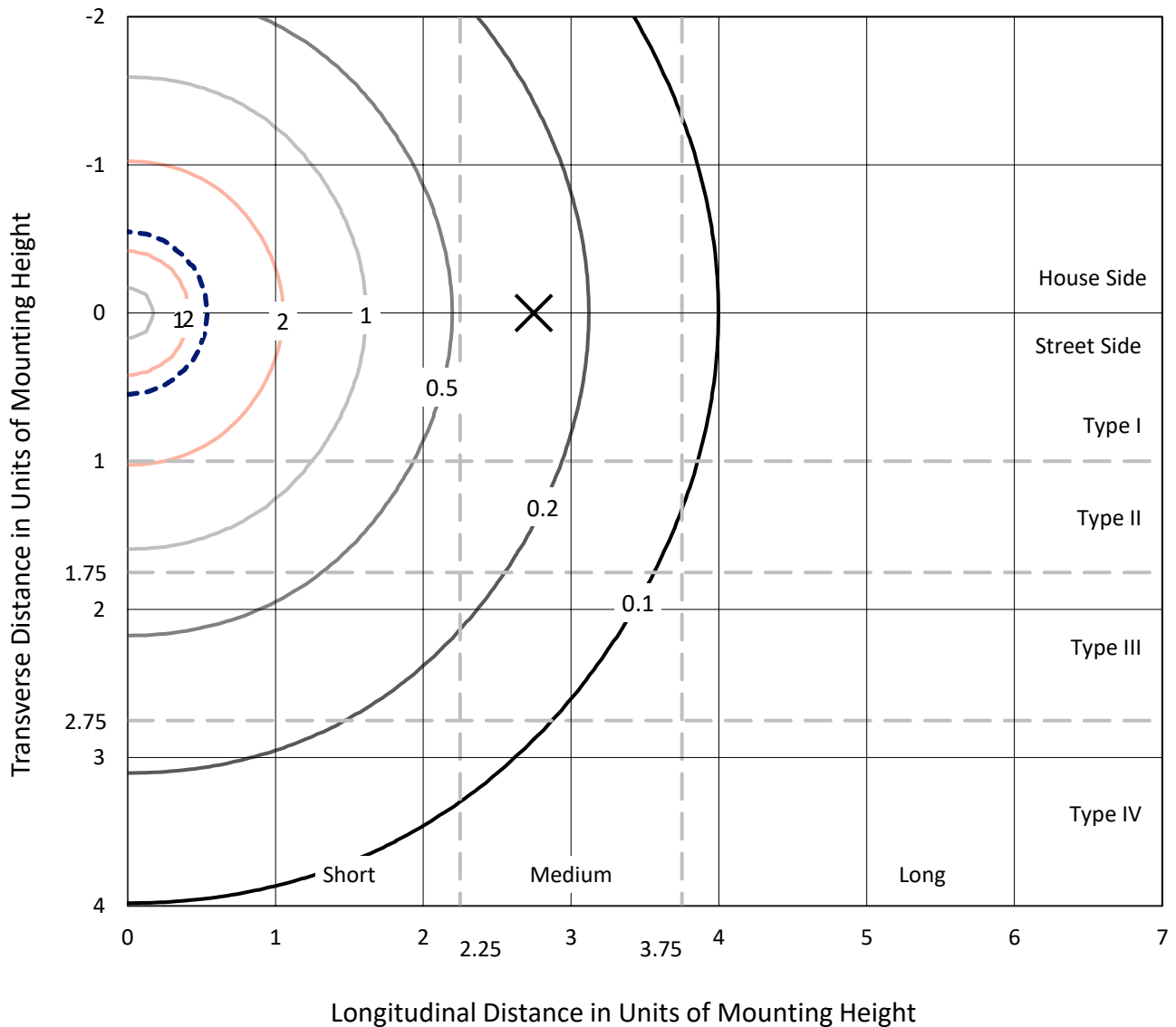
Lumens per Lamp: N/A
Luminaire Lumens: 14619.5 lumens
Efficiency: N/A
Efficacy: 161.9 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G5

Input Watts (W): 90.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 5.6%%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

REPORT NUMBER: P856354
 CATALOG NUMBER: FFX-CLB-90-740-U-VM8

Iso-Footcandle Lines of Horizontal Illumination

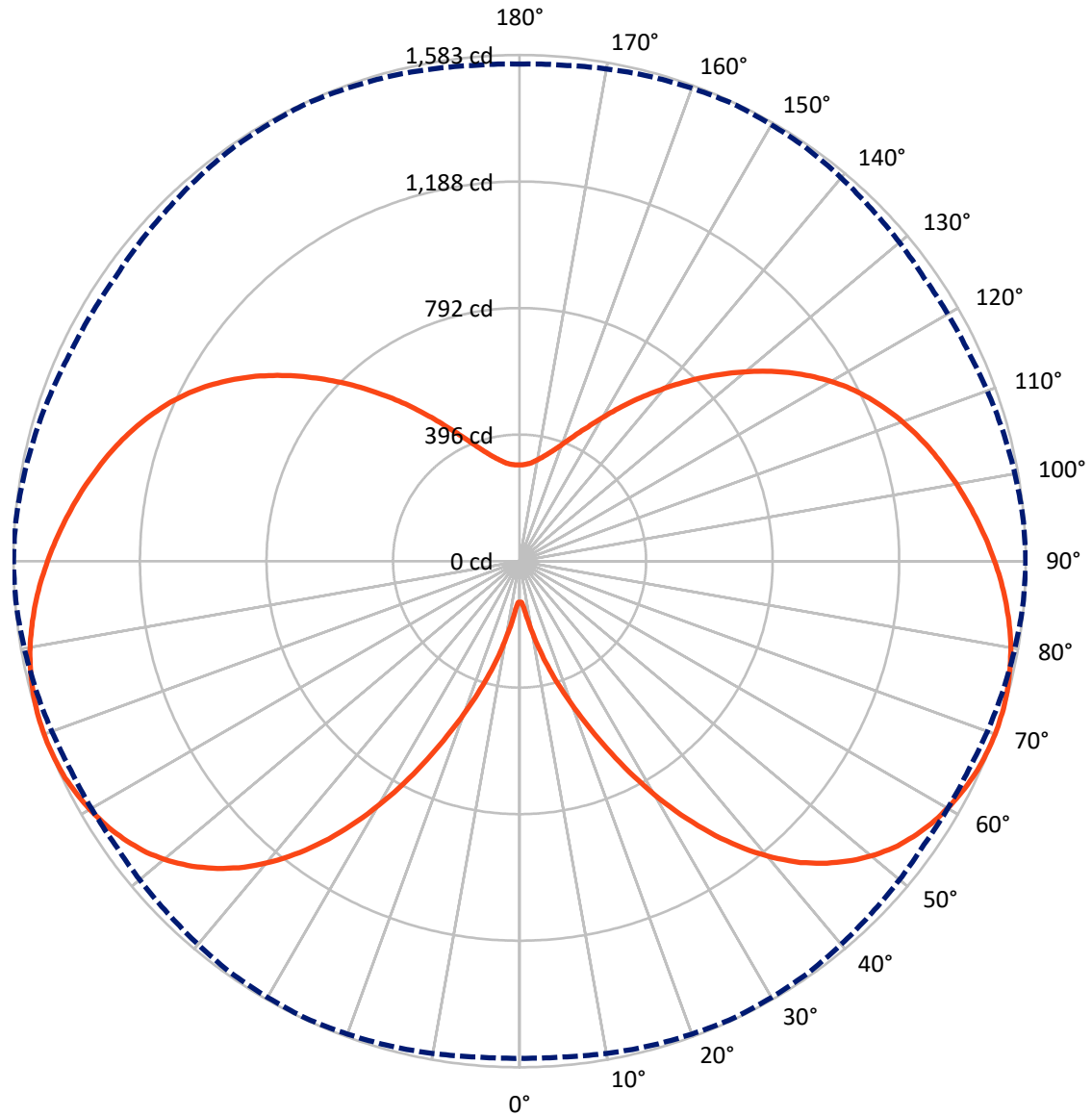
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.6 fc
 Type V - Short - N/A

REPORT NUMBER: P856354
CATALOG NUMBER: FFX-CLB-90-740-U-VM8

Luminous Intensity Polar Plot



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

REPORT NUMBER: P856354
 CATALOG NUMBER: FFX-CLB-90-740-U-VM8

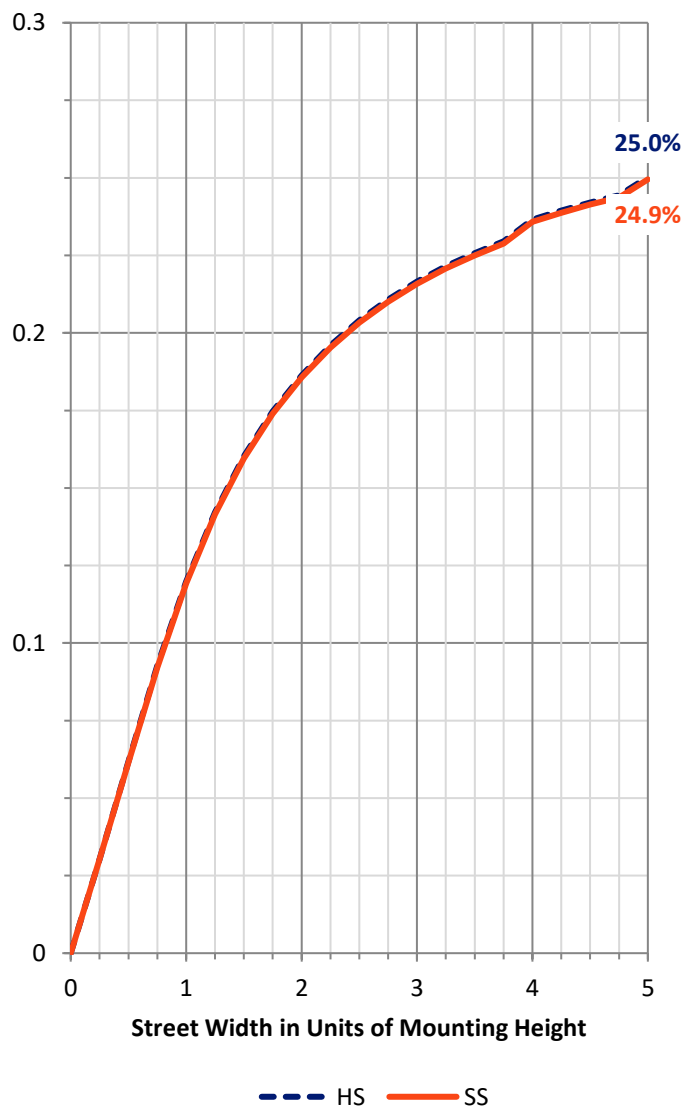
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4140.1	3169.6	7309.7
	% Fixture	28.3	21.7	50.0
Street Side	Lumens	4140.1	3169.6	7309.7
	% Fixture	28.3	21.7	50.0
Total	Lumens	8280.2	6339.3	14619.5
	% Fixture	56.6	43.4	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.2	0.1
10°-20°	104.7	0.7
20°-30°	312.3	2.1
30°-40°	653.0	4.5
40°-50°	1024.8	7.0
50°-60°	1330.2	9.1
60°-70°	1539.8	10.5
70°-80°	1648.4	11.3
80°-90°	1649.8	11.3
90°-100°	1555.9	10.6
100°-110°	1392.1	9.5
110°-120°	1170.5	8.0
120°-130°	897.9	6.1
130°-140°	614.3	4.2
140°-150°	374.8	2.6
150°-160°	204.9	1.4
160°-170°	99.3	0.7
170°-180°	29.6	0.2
0°-90°	8280.2	56.6
0°-180°	14619.5	100.0



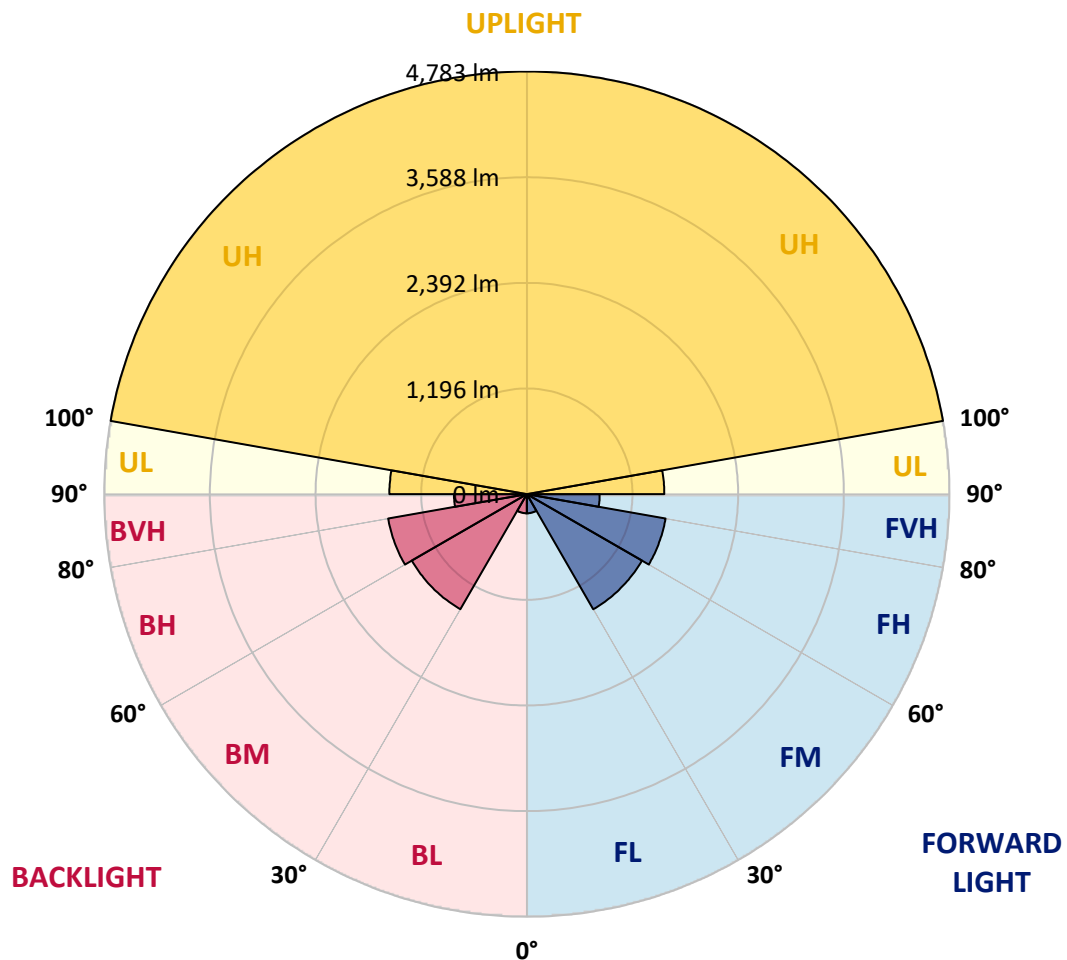
REPORT NUMBER: P856354
 CATALOG NUMBER: FFX-CLB-90-740-U-VM8

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	217.1	1.5			
FM (30°-60°)	1504.0	10.3			
FH (60°-80°)	1594.1	10.9			G1/1800
FVH (80°-90°)	824.9	5.6			G5
BL (0°-30°)	217.1	1.5	B1/500		
BM (30°-60°)	1504.0	10.3	B2/2500		
BH (60°-80°)	1594.1	10.9	B3/2500		G1/1800
BVH (80°-90°)	824.9	5.6			G5
UL (90°-100°)	1555.9	10.6		U5	
UH (100°-180°)	4783.4	32.7		U5	

BUG Rating: B3-U5-G5

Type V Short





REPORT NUMBER: P856354

CATALOG NUMBER: FFX-CLB-90-740-U-VM8

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	128.4	128.4	128.4	128.4	128.4	128.4	128.4	128.4	128.4	128.4	128.4
2.5°	134.0	134.0	133.0	133.0	132.1	131.2	131.2	131.2	130.2	130.2	129.3
5°	152.7	151.8	151.8	150.8	151.8	150.8	150.8	150.8	150.8	149.0	149.0
7.5°	189.3	188.3	188.3	187.4	189.3	187.4	187.4	188.3	188.3	187.4	187.4
10°	237.0	236.1	236.1	234.2	236.1	235.2	235.2	233.3	234.2	233.3	234.2
12.5°	294.2	291.4	291.4	290.5	292.3	291.4	290.5	288.6	290.5	289.5	289.5
15°	353.2	354.2	353.2	352.3	354.2	354.2	353.2	351.4	353.2	351.4	352.3
17.5°	418.8	418.8	418.8	416.0	418.8	419.7	418.8	416.9	417.9	418.8	418.8
20°	490.0	490.0	491.0	489.1	493.8	491.0	490.0	489.1	490.0	491.0	491.9
22.5°	568.7	568.7	569.7	568.7	571.5	571.5	570.6	570.6	571.5	573.4	573.4
25°	655.9	656.8	656.8	654.0	660.5	662.4	660.5	660.5	662.4	665.2	665.2
27.5°	745.8	749.6	747.7	747.7	756.1	757.0	756.1	757.0	759.9	762.7	763.6
30°	838.6	841.4	845.1	842.3	851.7	852.6	853.6	854.5	858.2	862.9	862.9
32.5°	931.3	934.1	936.0	936.0	948.2	947.2	946.3	950.1	955.7	957.6	960.4
35°	1024.1	1024.1	1026.0	1026.9	1039.1	1038.1	1040.0	1042.8	1048.4	1052.2	1054.1
37.5°	1107.5	1105.6	1110.3	1112.1	1121.5	1122.5	1123.4	1128.1	1134.6	1139.3	1141.2
40°	1183.4	1181.5	1187.1	1189.9	1198.3	1198.3	1200.2	1205.8	1213.3	1218.0	1219.0
42.5°	1250.8	1249.9	1255.5	1259.2	1267.7	1266.7	1265.8	1273.3	1281.7	1287.4	1289.2
45°	1308.9	1308.0	1315.5	1320.2	1326.7	1324.8	1324.8	1331.4	1340.8	1347.3	1348.3
47.5°	1358.6	1358.6	1367.0	1372.6	1378.2	1375.4	1373.6	1380.1	1389.5	1398.9	1399.8
50°	1402.6	1401.7	1411.0	1417.6	1422.3	1418.5	1415.7	1422.3	1432.6	1442.0	1443.8
52.5°	1437.3	1439.1	1448.5	1456.9	1460.7	1455.1	1450.4	1456.9	1468.2	1478.5	1480.4
55°	1467.3	1468.2	1478.5	1488.8	1490.7	1483.2	1477.6	1483.2	1495.4	1506.6	1508.5
57.5°	1490.7	1492.5	1504.7	1514.1	1515.0	1506.6	1500.0	1504.7	1517.8	1529.1	1531.9
60°	1511.3	1513.2	1524.4	1534.7	1535.6	1525.3	1516.9	1520.7	1534.7	1547.8	1549.7
62.5°	1527.2	1530.0	1542.2	1551.6	1551.6	1539.4	1529.1	1532.8	1547.8	1561.9	1563.8
65°	1540.3	1543.1	1555.3	1564.7	1563.8	1549.7	1538.5	1542.2	1558.1	1572.2	1575.0
67.5°	1549.7	1551.6	1564.7	1574.1	1570.3	1555.3	1544.1	1546.9	1563.8	1577.8	1580.6
70°	1555.3	1557.2	1570.3	1578.7	1573.1	1557.2	1545.0	1548.8	1565.6	1580.6	1583.4
72.5°	1558.1	1560.9	1573.1	1580.6	1574.1	1556.3	1543.1	1547.8	1564.7	1580.6	1582.5
75°	1557.2	1559.1	1571.3	1577.8	1569.4	1552.5	1538.5	1543.1	1560.9	1575.0	1577.8
77.5°	1552.5	1554.4	1565.6	1571.3	1560.9	1544.1	1531.0	1535.6	1552.5	1566.6	1569.4
80°	1545.0	1546.9	1557.2	1560.9	1550.6	1533.8	1521.6	1526.3	1542.2	1555.3	1558.1
82.5°	1532.8	1535.6	1545.0	1546.9	1535.6	1520.7	1508.5	1513.2	1528.2	1540.3	1542.2
85°	1517.8	1519.7	1528.2	1529.1	1517.8	1504.7	1494.4	1499.1	1512.2	1521.6	1524.4
87.5°	1501.0	1501.0	1509.4	1509.4	1497.2	1485.1	1477.6	1481.3	1493.5	1501.0	1503.8
90°	1480.4	1481.3	1486.9	1486.0	1474.7	1464.4	1457.9	1462.6	1472.9	1479.4	1481.3
92.5°	1457.9	1458.8	1463.5	1461.6	1450.4	1442.0	1436.3	1442.0	1451.3	1456.0	1457.9
95°	1433.5	1434.5	1438.2	1434.5	1424.2	1417.6	1412.9	1419.5	1427.0	1431.6	1433.5
97.5°	1408.2	1409.2	1412.0	1408.2	1397.0	1391.4	1389.5	1395.1	1402.6	1406.3	1408.2
100°	1382.0	1382.0	1383.9	1378.2	1368.9	1364.2	1363.3	1369.8	1377.3	1381.1	1382.9
102.5°	1352.9	1353.9	1353.9	1348.3	1338.9	1336.1	1336.1	1343.6	1351.1	1353.9	1355.8
105°	1323.0	1323.0	1323.0	1318.3	1308.0	1306.1	1307.0	1314.5	1323.0	1326.7	1328.6
107.5°	1290.2	1291.1	1289.2	1284.5	1276.1	1274.2	1276.1	1286.4	1293.9	1297.7	1299.5
110°	1255.5	1256.4	1255.5	1249.9	1242.4	1241.4	1244.3	1254.6	1262.1	1265.8	1268.6



REPORT NUMBER: P856354
 CATALOG NUMBER: FFX-CLB-90-740-U-VM8

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1219.0	1219.9	1219.0	1214.3	1206.8	1206.8	1210.5	1220.8	1229.3	1232.1	1234.9
115°	1180.5	1181.5	1179.6	1175.9	1168.4	1170.2	1174.0	1184.3	1192.7	1195.5	1199.3
117.5°	1139.3	1140.3	1139.3	1134.6	1128.1	1130.0	1135.6	1145.9	1153.4	1156.2	1159.9
120°	1094.3	1094.3	1094.3	1089.7	1083.1	1086.9	1092.5	1103.7	1110.3	1112.1	1115.9
122.5°	1048.4	1046.6	1046.6	1043.8	1036.3	1040.9	1046.6	1057.8	1064.4	1065.3	1068.1
125°	997.8	998.8	996.0	994.1	987.5	993.2	997.8	1009.1	1014.7	1015.6	1018.5
127.5°	943.5	946.3	943.5	940.7	936.0	941.6	947.2	957.6	962.2	963.2	965.1
130°	892.9	892.9	890.1	888.2	883.5	889.2	894.8	904.1	908.8	908.8	910.7
132.5°	842.3	839.5	838.6	836.7	831.1	837.6	841.4	850.7	854.5	853.6	855.4
135°	787.0	787.0	784.2	783.3	778.6	785.2	788.9	797.3	800.1	799.2	801.1
137.5°	735.5	735.5	733.6	731.8	728.9	734.6	738.3	744.9	747.7	744.9	747.7
140°	684.9	684.9	684.0	682.1	679.3	684.9	687.7	693.3	696.1	693.3	695.2
142.5°	638.1	636.2	635.2	634.3	630.6	636.2	638.1	643.7	644.6	642.7	645.6
145°	588.4	589.3	588.4	587.5	584.7	589.3	591.2	595.9	596.8	595.0	597.8
147.5°	547.2	544.4	545.3	544.4	541.6	546.2	547.2	550.0	551.9	550.0	551.9
150°	505.9	504.1	504.1	503.1	501.3	505.0	505.9	508.8	509.7	507.8	509.7
152.5°	469.4	468.5	468.5	467.5	465.7	468.5	469.4	471.3	472.2	470.3	471.3
155°	436.6	435.7	435.7	434.7	432.9	435.7	435.7	437.6	438.5	437.6	438.5
157.5°	407.6	406.6	406.6	406.6	404.8	406.6	406.6	408.5	408.5	407.6	408.5
160°	384.1	382.3	383.2	382.3	380.4	382.3	382.3	383.2	383.2	383.2	383.2
162.5°	362.6	362.6	362.6	361.7	360.7	361.7	361.7	362.6	362.6	362.6	361.7
165°	345.7	345.7	345.7	344.8	343.9	344.8	344.8	344.8	344.8	344.8	344.8
167.5°	331.7	330.7	331.7	330.7	329.8	330.7	330.7	330.7	330.7	330.7	330.7
170°	319.5	319.5	319.5	319.5	318.6	319.5	319.5	319.5	319.5	319.5	319.5
172.5°	312.0	311.1	311.1	311.1	310.1	311.1	310.1	311.1	310.1	311.1	310.1
175°	305.4	305.4	305.4	305.4	304.5	304.5	304.5	304.5	304.5	304.5	304.5
177.5°	301.7	301.7	301.7	301.7	301.7	301.7	301.7	301.7	301.7	301.7	301.7
180°	300.8	300.8	300.8	300.8	300.8	300.8	300.8	300.8	300.8	300.8	300.8

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.

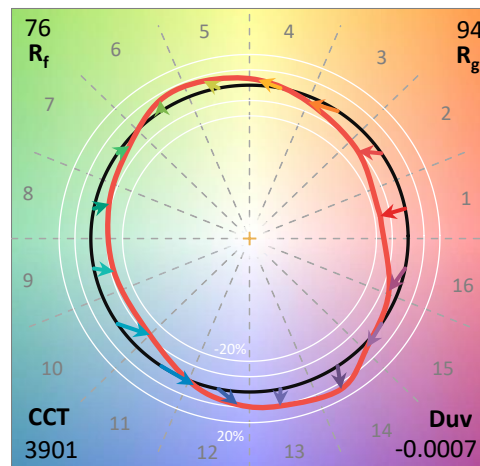
Test Information

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
 R_f: 76.2
 R_g: 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

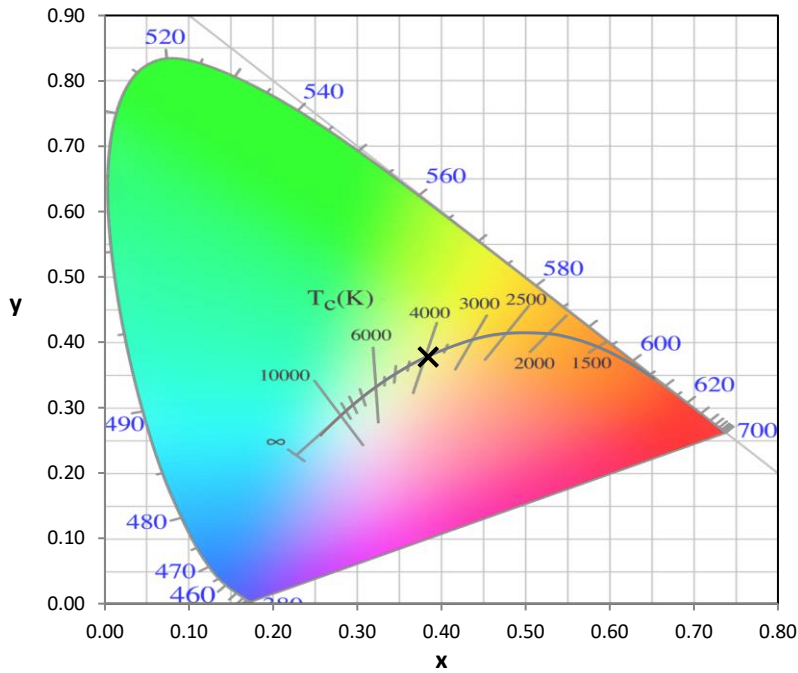
Stabilization Time: 0.818109M
 Operation Time: 1H
 Sphere Temperature (°C): 24.6

REPORT NUMBER: SP1-2406-133-1

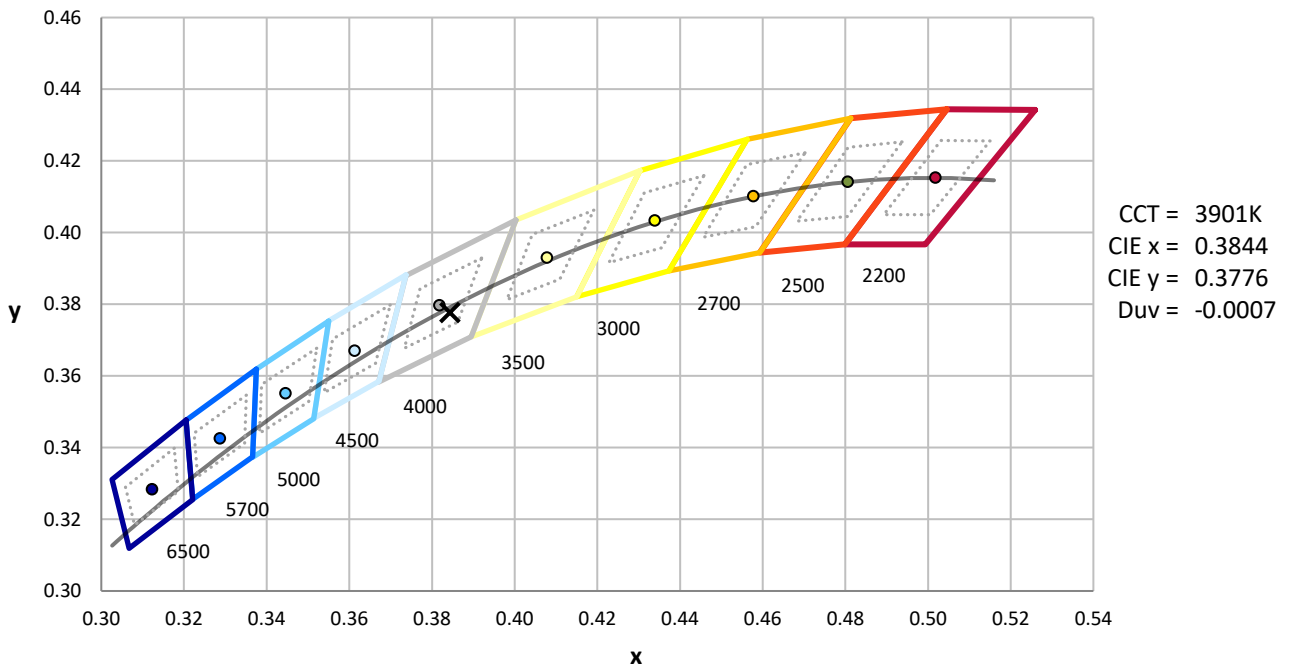
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2406-133-1

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

REPORT NUMBER: SP1-2406-133-1

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	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			

REPORT NUMBER: SP1-2406-133-1

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			

REPORT NUMBER: SP1-2406-133-1

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			

REPORT NUMBER: SP1-2406-133-1

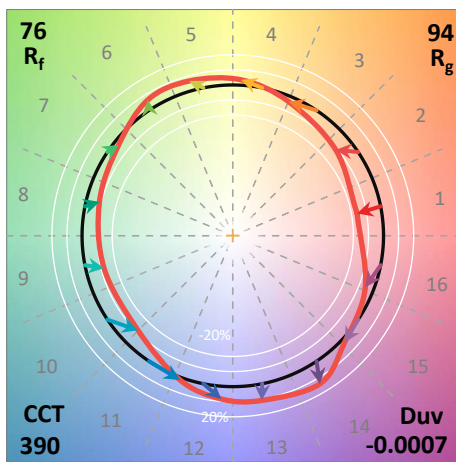
TM-30-18

Summary

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



Color Vector Graphics

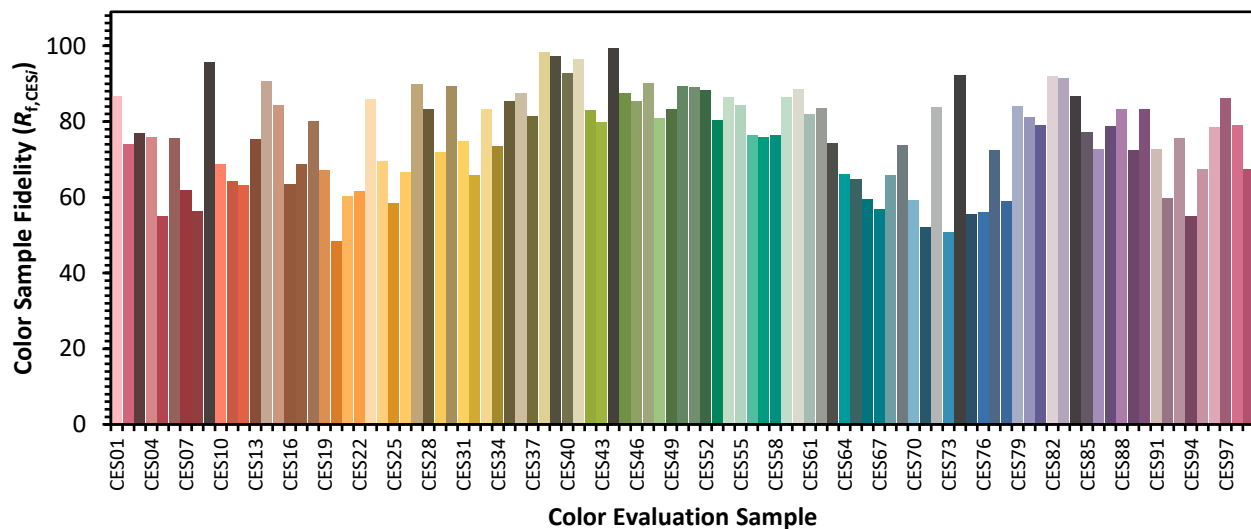


REPORT NUMBER: SP1-2406-133-1

TM-30-18

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

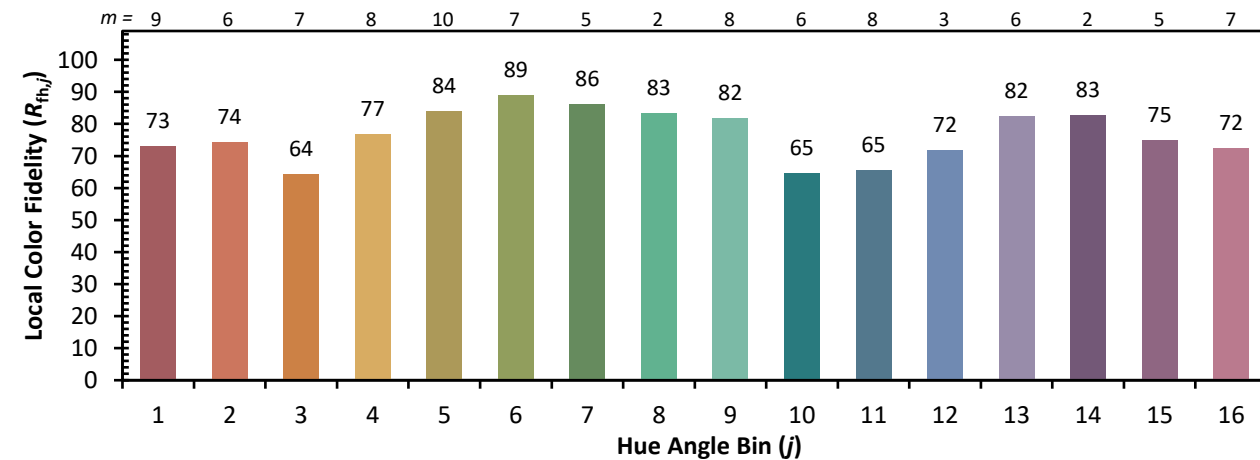
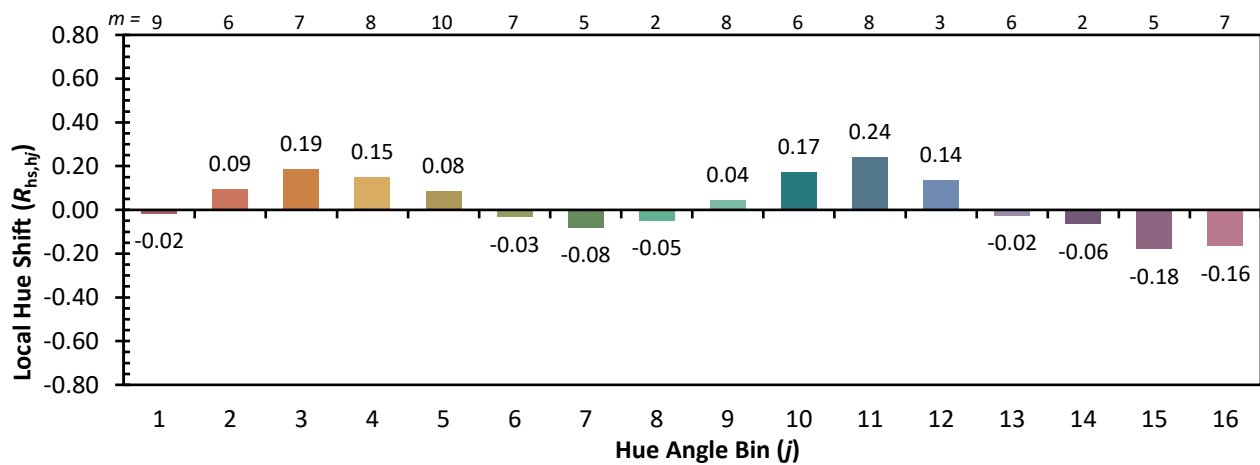
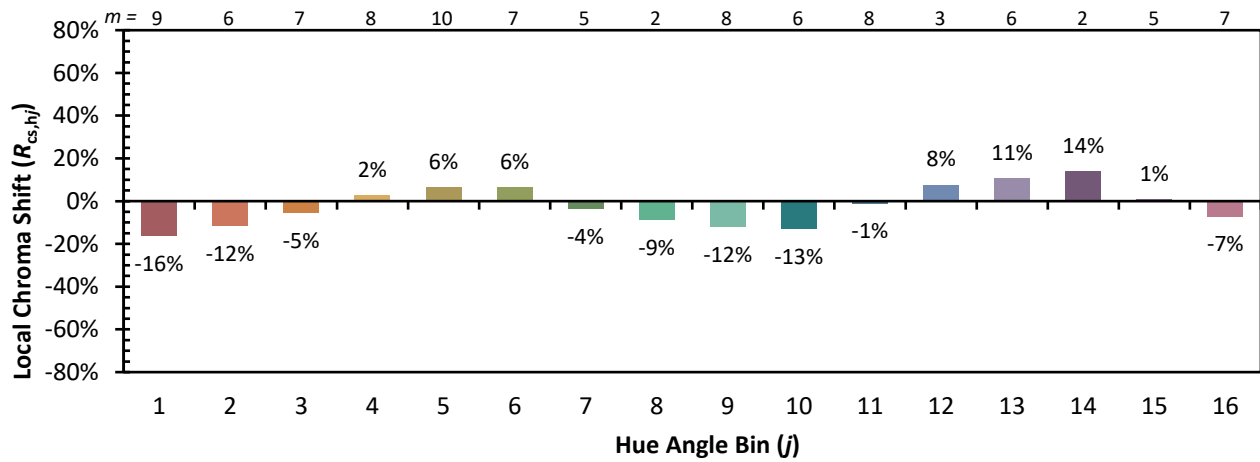
CES01 = 85	CES26 = 67	CES51 = 89	CES76 = 56
CES02 = 61	CES27 = 90	CES52 = 88	CES77 = 72
CES03 = 30	CES28 = 83	CES53 = 80	CES78 = 59
CES04 = 70	CES29 = 72	CES54 = 86	CES79 = 84
CES05 = 48	CES30 = 89	CES55 = 84	CES80 = 81
CES06 = 51	CES31 = 75	CES56 = 77	CES81 = 79
CES07 = 40	CES32 = 66	CES57 = 76	CES82 = 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
CES25 = 72	CES50 = 89	CES75 = 56	



REPORT NUMBER: SP1-2406-133-1

TM-30-18

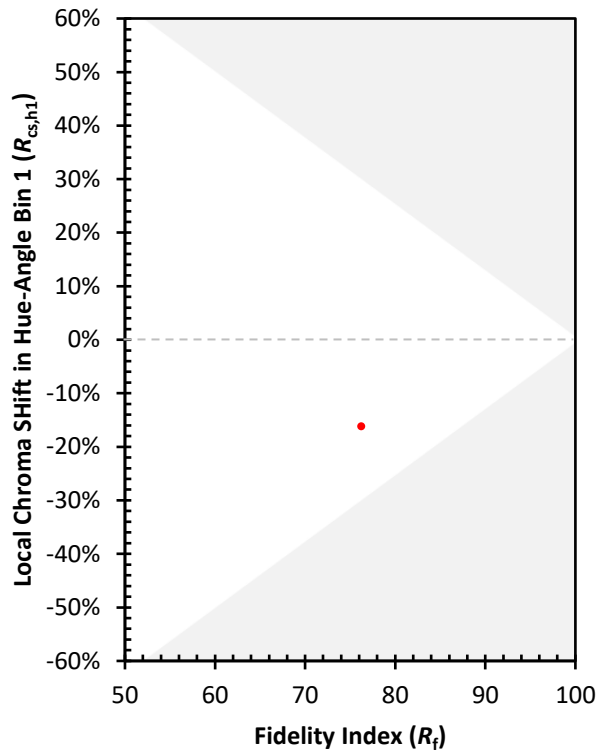
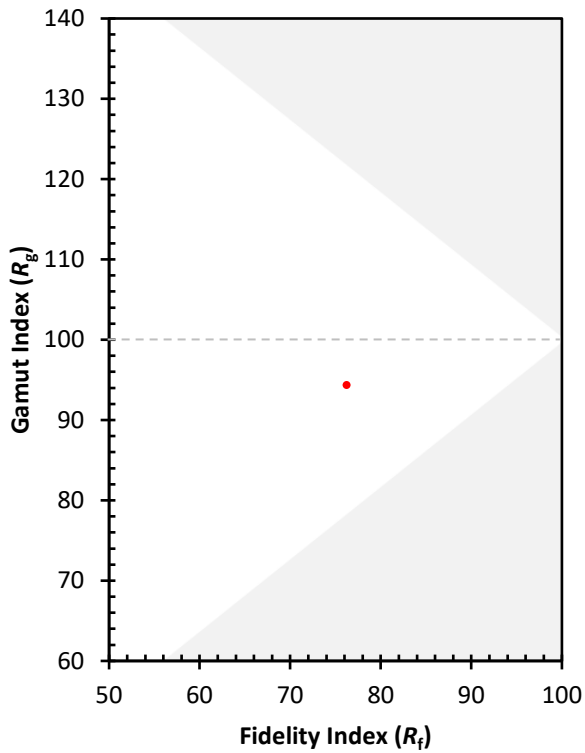
Color Rendition by Hue-Angle Bin



REPORT NUMBER: SP1-2406-133-1

TM-30-18

Measure Comparisons



(END OF REPORT)