

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: P856335

Luminaire Tested: **FFX-CLB-100-727-U-VM8**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856335
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-100-727-U-VM8
Description: FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source: (6) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

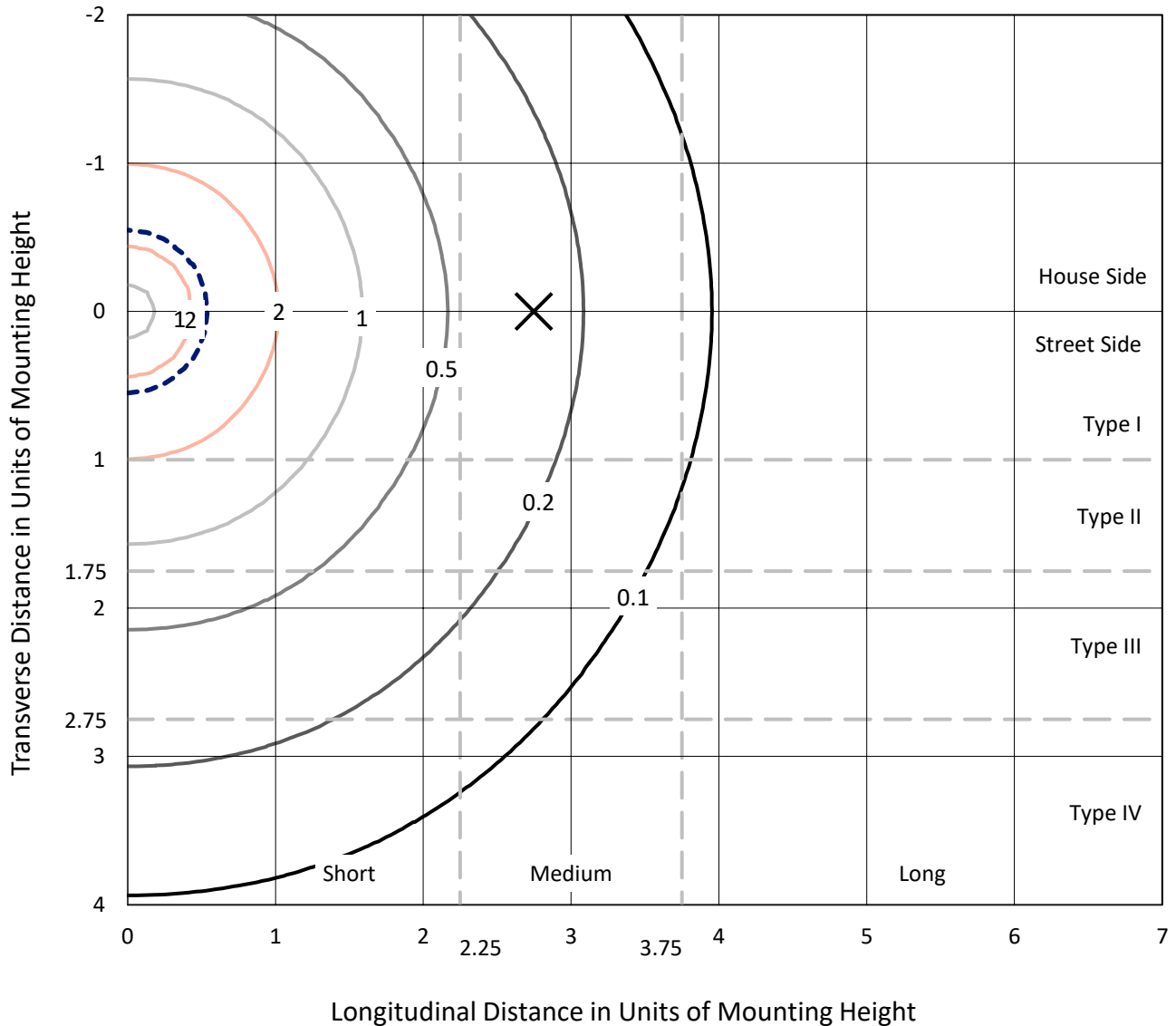
Lumens per Lamp: N/A
Luminaire Lumens: 14150.6 lumens
Efficiency: N/A
Efficacy: 146.8 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G5

Input Watts (W): 96.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 5.2%%
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

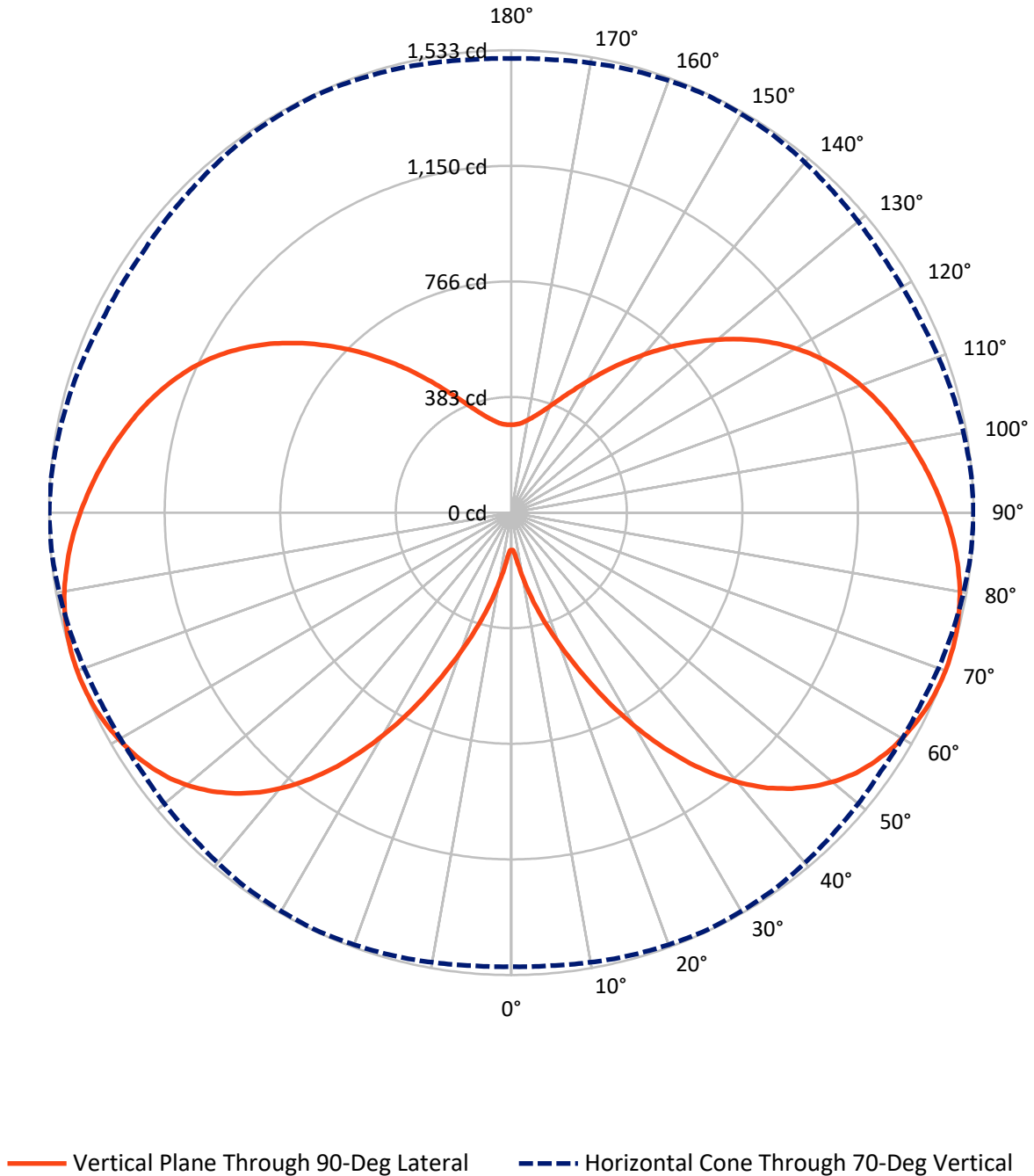
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.5 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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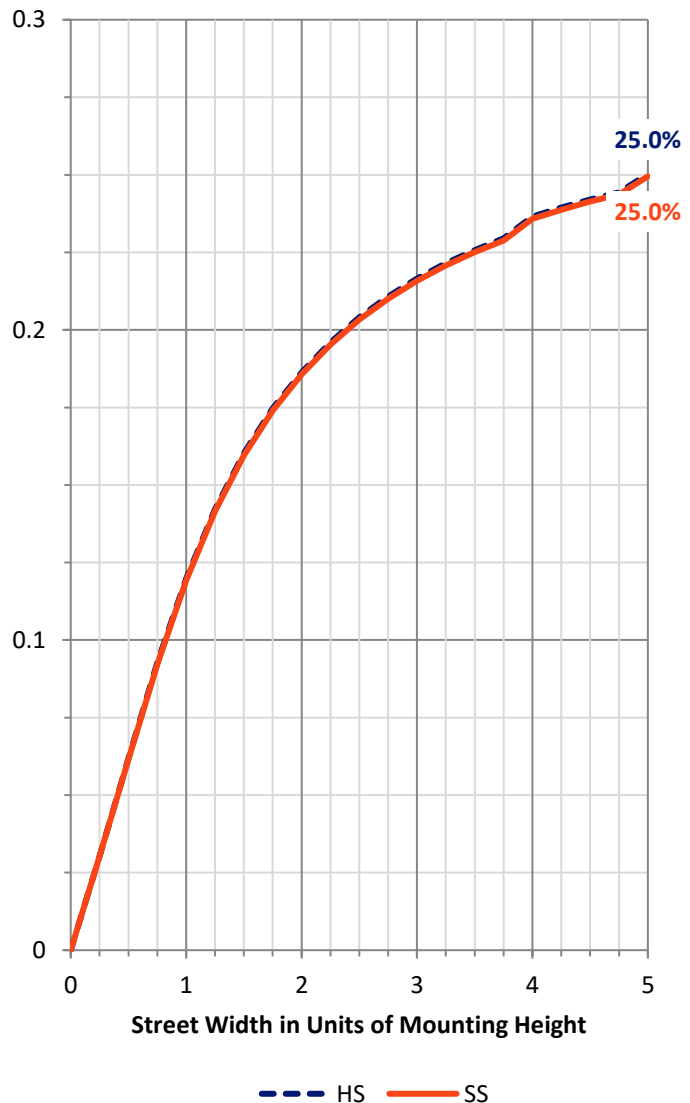
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4007.3	3068.0	7075.3
	% Fixture	28.3	21.7	50.0
Street Side	Lumens	4007.3	3068.0	7075.3
	% Fixture	28.3	21.7	50.0
Total	Lumens	8014.7	6136.0	14150.6
	% Fixture	56.6	43.4	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.6	0.1
10°-20°	101.3	0.7
20°-30°	302.3	2.1
30°-40°	632.0	4.5
40°-50°	992.0	7.0
50°-60°	1287.6	9.1
60°-70°	1490.4	10.5
70°-80°	1595.6	11.3
80°-90°	1596.9	11.3
90°-100°	1506.0	10.6
100°-110°	1347.5	9.5
110°-120°	1133.0	8.0
120°-130°	869.1	6.1
130°-140°	594.6	4.2
140°-150°	362.8	2.6
150°-160°	198.3	1.4
160°-170°	96.1	0.7
170°-180°	28.6	0.2
0°-90°	8014.7	56.6
0°-180°	14150.6	100.0



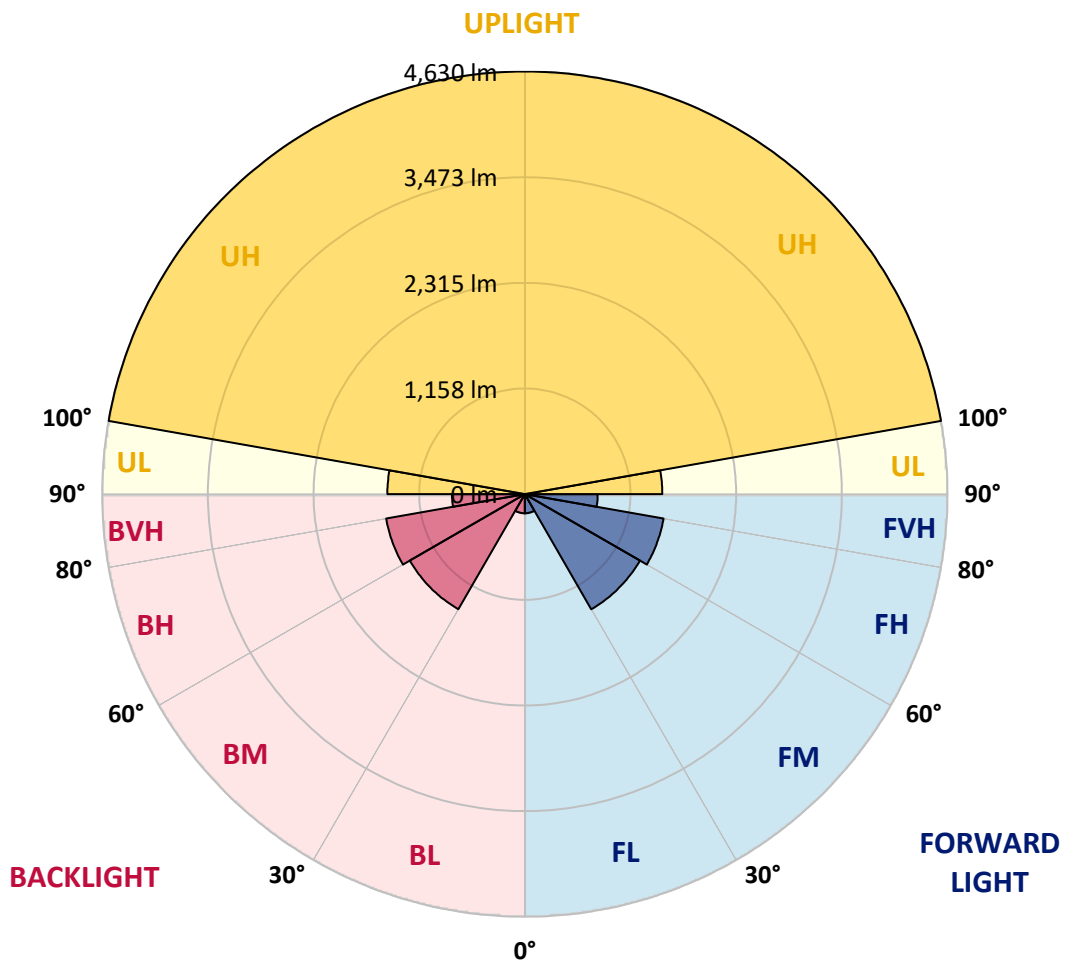
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	210.1	1.5			
FM (30°-60°)	1455.8	10.3			
FH (60°-80°)	1543.0	10.9			G1/1800
FVH (80°-90°)	798.4	5.6			G5
BL (0°-30°)	210.1	1.5	B1/500		
BM (30°-60°)	1455.8	10.3	B2/2500		
BH (60°-80°)	1543.0	10.9	B3/2500		G1/1800
BVH (80°-90°)	798.4	5.6			G5
UL (90°-100°)	1506.0	10.6		U5	
UH (100°-180°)	4630.0	32.7		U5	

BUG Rating: B3-U5-G5

Type V Short





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CATALOG NUMBER: FFX-CLB-100-727-U-VM8

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2	124.2
2.5°	129.7	129.7	128.8	128.8	127.9	127.0	127.0	127.0	126.1	126.1	125.2
5°	147.8	146.9	146.9	146.0	146.9	146.0	146.0	146.0	146.0	144.2	144.2
7.5°	183.2	182.3	182.3	181.4	183.2	181.4	181.4	182.3	182.3	181.4	181.4
10°	229.4	228.5	228.5	226.7	228.5	227.6	227.6	225.8	226.7	225.8	226.7
12.5°	284.8	282.0	282.0	281.1	283.0	282.0	281.1	279.3	281.1	280.2	280.2
15°	341.9	342.8	341.9	341.0	342.8	342.8	341.9	340.1	341.9	340.1	341.0
17.5°	405.4	405.4	405.4	402.7	405.4	406.3	405.4	403.6	404.5	405.4	405.4
20°	474.3	474.3	475.2	473.4	477.9	475.2	474.3	473.4	474.3	475.2	476.1
22.5°	550.5	550.5	551.4	550.5	553.2	553.2	552.3	552.3	553.2	555.0	555.0
25°	634.8	635.7	635.7	633.0	639.4	641.2	639.4	639.4	641.2	643.9	643.9
27.5°	721.9	725.5	723.7	723.7	731.9	732.8	731.9	732.8	735.5	738.2	739.1
30°	811.7	814.4	818.0	815.3	824.4	825.3	826.2	827.1	830.7	835.2	835.2
32.5°	901.5	904.2	906.0	906.0	917.8	916.9	916.0	919.6	925.0	926.8	929.6
35°	991.2	991.2	993.0	994.0	1005.7	1004.8	1006.7	1009.4	1014.8	1018.4	1020.3
37.5°	1071.9	1070.1	1074.7	1076.5	1085.6	1086.5	1087.4	1091.9	1098.2	1102.8	1104.6
40°	1145.4	1143.6	1149.0	1151.8	1159.9	1159.9	1161.7	1167.2	1174.4	1179.0	1179.9
42.5°	1210.7	1209.8	1215.2	1218.9	1227.0	1226.1	1225.2	1232.5	1240.6	1246.1	1247.9
45°	1266.9	1266.0	1273.3	1277.8	1284.2	1282.3	1282.3	1288.7	1297.8	1304.1	1305.0
47.5°	1315.0	1315.0	1323.2	1328.6	1334.0	1331.3	1329.5	1335.9	1344.9	1354.0	1354.9
50°	1357.6	1356.7	1365.8	1372.1	1376.7	1373.0	1370.3	1376.7	1386.6	1395.7	1397.5
52.5°	1391.2	1393.0	1402.1	1410.2	1413.8	1408.4	1403.9	1410.2	1421.1	1431.1	1432.9
55°	1420.2	1421.1	1431.1	1441.1	1442.9	1435.6	1430.2	1435.6	1447.4	1458.3	1460.1
57.5°	1442.9	1444.7	1456.5	1465.5	1466.4	1458.3	1451.9	1456.5	1469.2	1480.1	1482.8
60°	1462.8	1464.6	1475.5	1485.5	1486.4	1476.4	1468.3	1471.9	1485.5	1498.2	1500.0
62.5°	1478.2	1481.0	1492.7	1501.8	1501.8	1490.0	1480.1	1483.7	1498.2	1511.8	1513.6
65°	1490.9	1493.7	1505.4	1514.5	1513.6	1500.0	1489.1	1492.7	1508.2	1521.8	1524.5
67.5°	1500.0	1501.8	1514.5	1523.6	1520.0	1505.4	1494.6	1497.3	1513.6	1527.2	1529.9
70°	1505.4	1507.3	1520.0	1528.1	1522.7	1507.3	1495.5	1499.1	1515.4	1529.9	1532.7
72.5°	1508.2	1510.9	1522.7	1529.9	1523.6	1506.4	1493.7	1498.2	1514.5	1529.9	1531.7
75°	1507.3	1509.1	1520.9	1527.2	1519.0	1502.7	1489.1	1493.7	1510.9	1524.5	1527.2
77.5°	1502.7	1504.5	1515.4	1520.9	1510.9	1494.6	1481.9	1486.4	1502.7	1516.3	1519.0
80°	1495.5	1497.3	1507.3	1510.9	1500.9	1484.6	1472.8	1477.3	1492.7	1505.4	1508.2
82.5°	1483.7	1486.4	1495.5	1497.3	1486.4	1471.9	1460.1	1464.6	1479.1	1490.9	1492.7
85°	1469.2	1471.0	1479.1	1480.1	1469.2	1456.5	1446.5	1451.0	1463.7	1472.8	1475.5
87.5°	1452.8	1452.8	1461.0	1461.0	1449.2	1437.4	1430.2	1433.8	1445.6	1452.8	1455.6
90°	1432.9	1433.8	1439.2	1438.3	1427.5	1417.5	1411.1	1415.7	1425.6	1432.0	1433.8
92.5°	1411.1	1412.0	1416.6	1414.8	1403.9	1395.7	1390.3	1395.7	1404.8	1409.3	1411.1
95°	1387.5	1388.5	1392.1	1388.5	1378.5	1372.1	1367.6	1373.9	1381.2	1385.7	1387.5
97.5°	1363.1	1364.0	1366.7	1363.1	1352.2	1346.7	1344.9	1350.4	1357.6	1361.2	1363.1
100°	1337.7	1337.7	1339.5	1334.0	1325.0	1320.4	1319.5	1325.9	1333.1	1336.8	1338.6
102.5°	1309.6	1310.5	1310.5	1305.0	1296.0	1293.2	1293.2	1300.5	1307.7	1310.5	1312.3
105°	1280.5	1280.5	1280.5	1276.0	1266.0	1264.2	1265.1	1272.4	1280.5	1284.2	1286.0
107.5°	1248.8	1249.7	1247.9	1243.4	1235.2	1233.4	1235.2	1245.2	1252.4	1256.0	1257.9
110°	1215.2	1216.1	1215.2	1209.8	1202.5	1201.6	1204.4	1214.3	1221.6	1225.2	1227.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1179.9	1180.8	1179.9	1175.3	1168.1	1168.1	1171.7	1181.7	1189.8	1192.6	1195.3
115°	1142.7	1143.6	1141.8	1138.2	1130.9	1132.7	1136.3	1146.3	1154.5	1157.2	1160.8
117.5°	1102.8	1103.7	1102.8	1098.2	1091.9	1093.7	1099.2	1109.1	1116.4	1119.1	1122.7
120°	1059.3	1059.3	1059.3	1054.7	1048.4	1052.0	1057.4	1068.3	1074.7	1076.5	1080.1
122.5°	1014.8	1013.0	1013.0	1010.3	1003.0	1007.6	1013.0	1023.9	1030.2	1031.1	1033.9
125°	965.8	966.7	964.0	962.2	955.9	961.3	965.8	976.7	982.2	983.1	985.8
127.5°	913.2	916.0	913.2	910.5	906.0	911.4	916.9	926.8	931.4	932.3	934.1
130°	864.3	864.3	861.5	859.7	855.2	860.6	866.1	875.2	879.7	879.7	881.5
132.5°	815.3	812.6	811.7	809.9	804.4	810.8	814.4	823.5	827.1	826.2	828.0
135°	761.8	761.8	759.1	758.2	753.6	760.0	763.6	771.8	774.5	773.6	775.4
137.5°	711.9	711.9	710.1	708.3	705.6	711.0	714.6	721.0	723.7	721.0	723.7
140°	662.9	662.9	662.0	660.2	657.5	662.9	665.7	671.1	673.8	671.1	672.9
142.5°	617.6	615.8	614.9	614.0	610.3	615.8	617.6	623.0	623.9	622.1	624.9
145°	569.5	570.4	569.5	568.6	565.9	570.4	572.3	576.8	577.7	575.9	578.6
147.5°	529.6	526.9	527.8	526.9	524.2	528.7	529.6	532.3	534.2	532.3	534.2
150°	489.7	487.9	487.9	487.0	485.2	488.8	489.7	492.4	493.4	491.5	493.4
152.5°	454.4	453.4	453.4	452.5	450.7	453.4	454.4	456.2	457.1	455.3	456.2
155°	422.6	421.7	421.7	420.8	419.0	421.7	421.7	423.5	424.4	423.5	424.4
157.5°	394.5	393.6	393.6	393.6	391.8	393.6	393.6	395.4	395.4	394.5	395.4
160°	371.8	370.0	370.9	370.0	368.2	370.0	370.0	370.9	370.9	370.9	370.9
162.5°	351.0	351.0	351.0	350.1	349.2	350.1	350.1	351.0	351.0	351.0	350.1
165°	334.6	334.6	334.6	333.7	332.8	333.7	333.7	333.7	333.7	333.7	333.7
167.5°	321.0	320.1	321.0	320.1	319.2	320.1	320.1	320.1	320.1	320.1	320.1
170°	309.3	309.3	309.3	309.3	308.3	309.3	309.3	309.3	309.3	309.3	309.3
172.5°	302.0	301.1	301.1	301.1	300.2	301.1	300.2	301.1	300.2	301.1	300.2
175°	295.6	295.6	295.6	295.6	294.7	294.7	294.7	294.7	294.7	294.7	294.7
177.5°	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0
180°	291.1	291.1	291.1	291.1	291.1	291.1	291.1	291.1	291.1	291.1	291.1

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: SP1-2406-133-3

Test Date: 07/12/2024

Luminaire Tested: FFX-CLB-100-727-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-727-U-FR-T5.

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2406-133-3
 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-100-727-U-FR-T5**
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K): 2707
 CIE u': 0.2624
 CIE v': 0.5261
 Duv: -0.0007
 CIE x: 0.4580
 CIE y: 0.4082
 CIE z: 0.1338
 Peak Wavelength (nm): 599
 Dominant Wavelength (nm): 584
 Purity: 59.99901
 Rf: 75.5
 Rg: 92.5

CRI (Ra):	71.3		
R1:	67.8	R9:	-34.9
R2:	84.5	R10:	65.1
R3:	94.2	R11:	59.2
R4:	64.8	R12:	54.2
R5:	66.9	R13:	71.2
R6:	79.2	R14:	97.5
R7:	74.4	R15:	59.4
R8:	38.8		



Test Conditions

Stabilization Time: 0.813602M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

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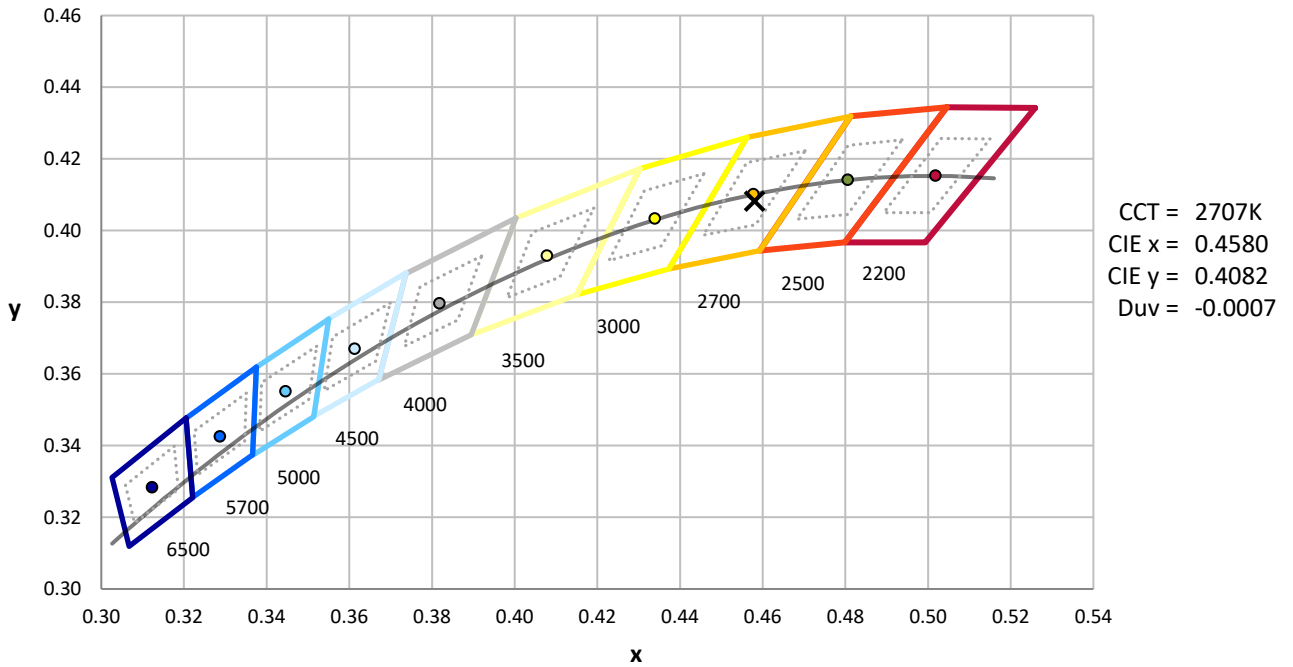
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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 2700K 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	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	NR	630	727	NR	760	17	NR	890	0	NR
375	0	NR	505	200	NR	635	659	NR	765	15	NR	895	0	NR
380	0	NR	510	245	NR	640	595	NR	770	13	NR	900	0	NR
385	0	NR	515	290	NR	645	531	NR	775	11	NR	905	0	NR
390	0	NR	520	330	NR	650	472	NR	780	9	NR	910	0	NR
395	0	NR	525	363	NR	655	417	NR	785	8	NR	915	0	NR
400	0	NR	530	395	NR	660	364	NR	790	7	NR	920	0	NR
405	2	NR	535	424	NR	665	317	NR	795	6	NR	925	0	NR
410	5	NR	540	454	NR	670	274	NR	800	5	NR	930	0	NR
415	11	NR	545	490	NR	675	237	NR	805	4	NR	935	0	NR
420	21	NR	550	530	NR	680	206	NR	810	4	NR	940	0	NR
425	38	NR	555	579	NR	685	176	NR	815	3	NR	945	0	NR
430	63	NR	560	635	NR	690	152	NR	820	3	NR	950	0	NR
435	99	NR	565	697	NR	695	129	NR	825	3	NR	955	0	NR
440	150	NR	570	765	NR	700	111	NR	830	2	NR	960	0	NR
445	233	NR	575	834	NR	705	95	NR	835	2	NR	965	0	NR
450	372	NR	580	897	NR	710	81	NR	840	2	NR	970	0	NR
455	454	NR	585	948	NR	715	69	NR	845	1	NR	975	0	NR
460	345	NR	590	982	NR	720	59	NR	850	1	NR	980	0	NR
465	235	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	187	NR	600	1000	NR	730	43	NR	860	1	NR	990	0	NR
475	141	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	949	NR	740	31	NR	870	1	NR	1000	0	NR
485	99	NR	615	902	NR	745	27	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



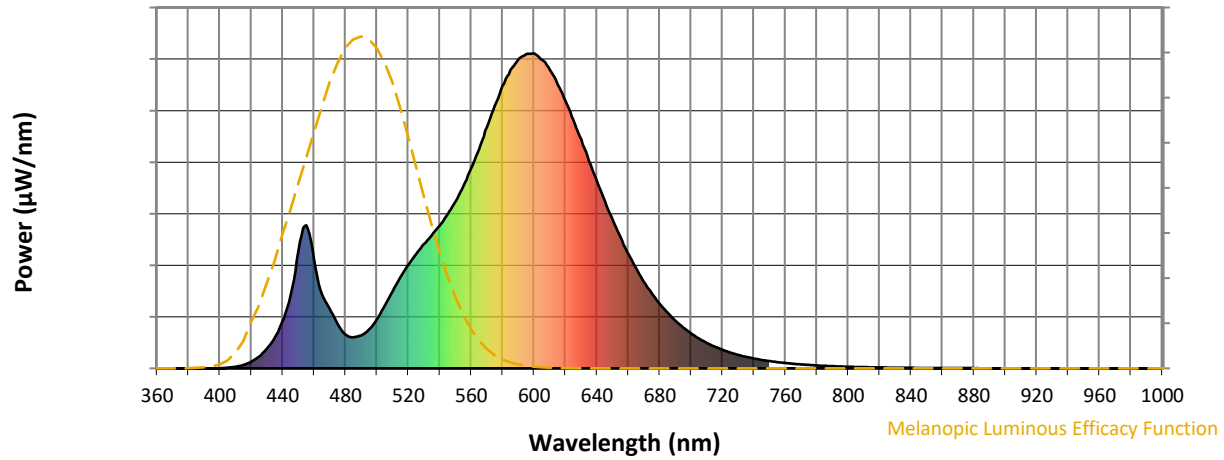
Scotopic Lumens: NR

S/P: 1.12

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	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	NR	630	727	NR	760	17	NR	890	0	NR
375	0	NR	505	200	NR	635	659	NR	765	15	NR	895	0	NR
380	0	NR	510	245	NR	640	595	NR	770	13	NR	900	0	NR
385	0	NR	515	290	NR	645	531	NR	775	11	NR	905	0	NR
390	0	NR	520	330	NR	650	472	NR	780	9	NR	910	0	NR
395	0	NR	525	363	NR	655	417	NR	785	8	NR	915	0	NR
400	0	NR	530	395	NR	660	364	NR	790	7	NR	920	0	NR
405	2	NR	535	424	NR	665	317	NR	795	6	NR	925	0	NR
410	5	NR	540	454	NR	670	274	NR	800	5	NR	930	0	NR
415	11	NR	545	490	NR	675	237	NR	805	4	NR	935	0	NR
420	21	NR	550	530	NR	680	206	NR	810	4	NR	940	0	NR
425	38	NR	555	579	NR	685	176	NR	815	3	NR	945	0	NR
430	63	NR	560	635	NR	690	152	NR	820	3	NR	950	0	NR
435	99	NR	565	697	NR	695	129	NR	825	3	NR	955	0	NR
440	150	NR	570	765	NR	700	111	NR	830	2	NR	960	0	NR
445	233	NR	575	834	NR	705	95	NR	835	2	NR	965	0	NR
450	372	NR	580	897	NR	710	81	NR	840	2	NR	970	0	NR
455	454	NR	585	948	NR	715	69	NR	845	1	NR	975	0	NR
460	345	NR	590	982	NR	720	59	NR	850	1	NR	980	0	NR
465	235	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	187	NR	600	1000	NR	730	43	NR	860	1	NR	990	0	NR
475	141	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	949	NR	740	31	NR	870	1	NR	1000	0	NR
485	99	NR	615	902	NR	745	27	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.03

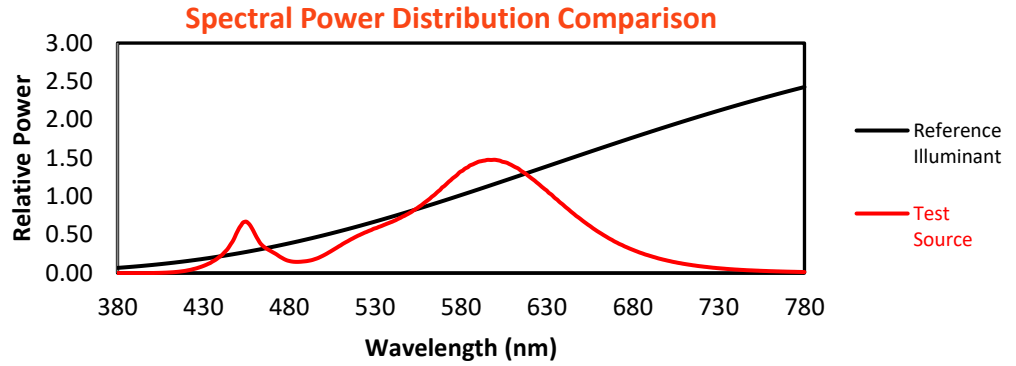
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	NR	630	727	NR	760	17	NR	890	0	NR
375	0	NR	505	200	NR	635	659	NR	765	15	NR	895	0	NR
380	0	NR	510	245	NR	640	595	NR	770	13	NR	900	0	NR
385	0	NR	515	290	NR	645	531	NR	775	11	NR	905	0	NR
390	0	NR	520	330	NR	650	472	NR	780	9	NR	910	0	NR
395	0	NR	525	363	NR	655	417	NR	785	8	NR	915	0	NR
400	0	NR	530	395	NR	660	364	NR	790	7	NR	920	0	NR
405	2	NR	535	424	NR	665	317	NR	795	6	NR	925	0	NR
410	5	NR	540	454	NR	670	274	NR	800	5	NR	930	0	NR
415	11	NR	545	490	NR	675	237	NR	805	4	NR	935	0	NR
420	21	NR	550	530	NR	680	206	NR	810	4	NR	940	0	NR
425	38	NR	555	579	NR	685	176	NR	815	3	NR	945	0	NR
430	63	NR	560	635	NR	690	152	NR	820	3	NR	950	0	NR
435	99	NR	565	697	NR	695	129	NR	825	3	NR	955	0	NR
440	150	NR	570	765	NR	700	111	NR	830	2	NR	960	0	NR
445	233	NR	575	834	NR	705	95	NR	835	2	NR	965	0	NR
450	372	NR	580	897	NR	710	81	NR	840	2	NR	970	0	NR
455	454	NR	585	948	NR	715	69	NR	845	1	NR	975	0	NR
460	345	NR	590	982	NR	720	59	NR	850	1	NR	980	0	NR
465	235	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	187	NR	600	1000	NR	730	43	NR	860	1	NR	990	0	NR
475	141	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	949	NR	740	31	NR	870	1	NR	1000	0	NR
485	99	NR	615	902	NR	745	27	NR	875	1	NR			

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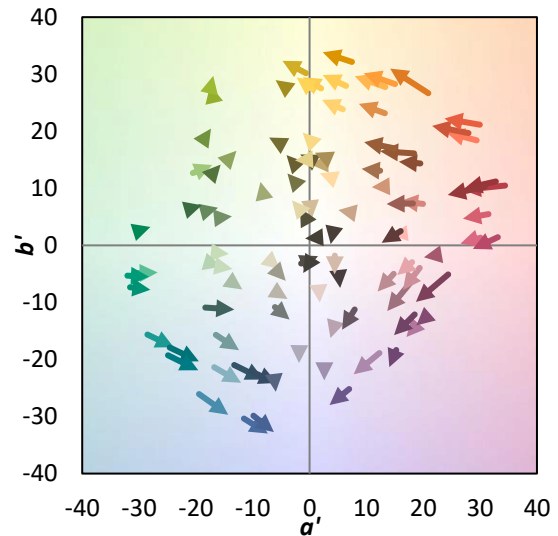
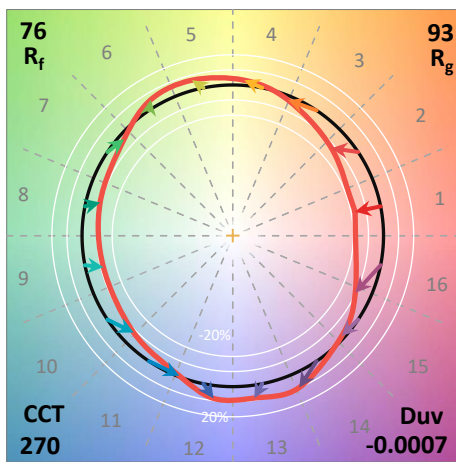
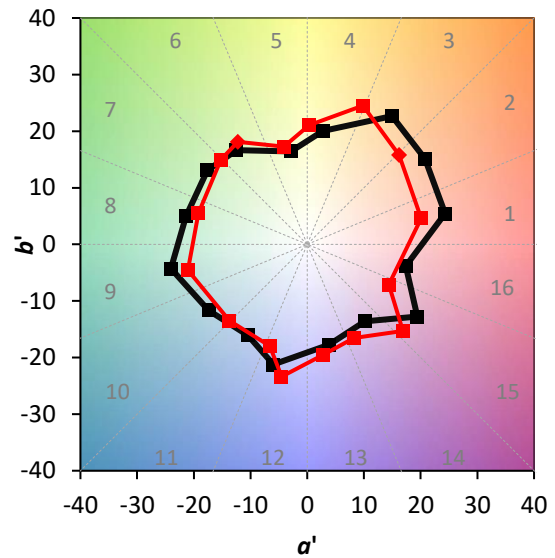
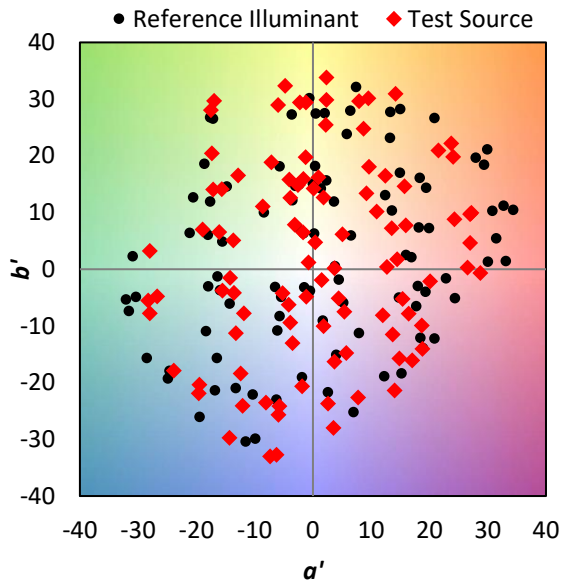
TM-30-18

Summary

$R_f = 75.5$
 $R_g = 92.5$
 CIE $R_a = 71.3$
 $R_9 = -34.9$



Color Vector Graphics

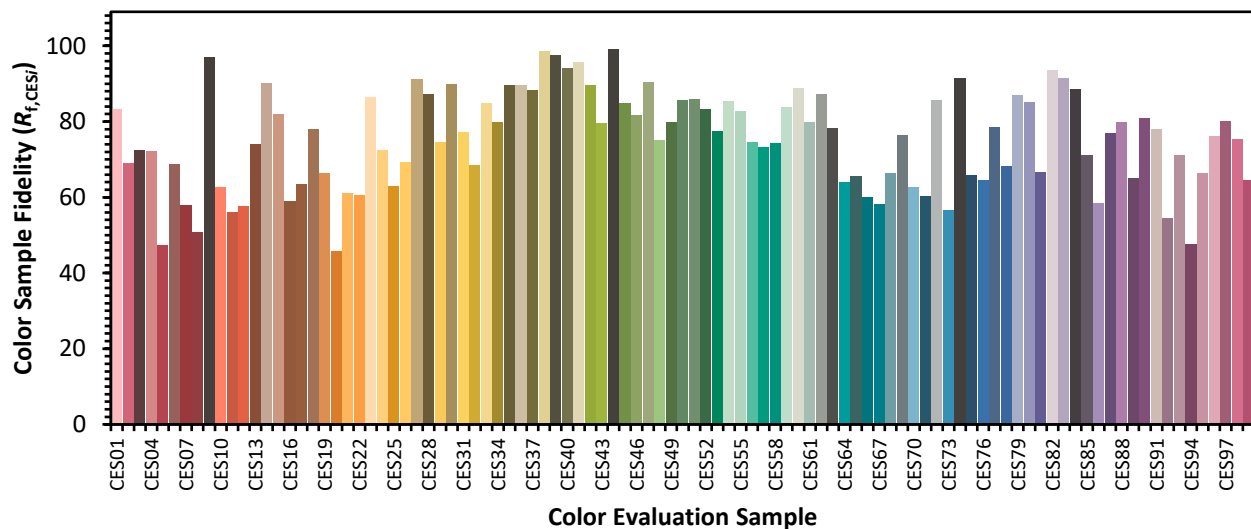


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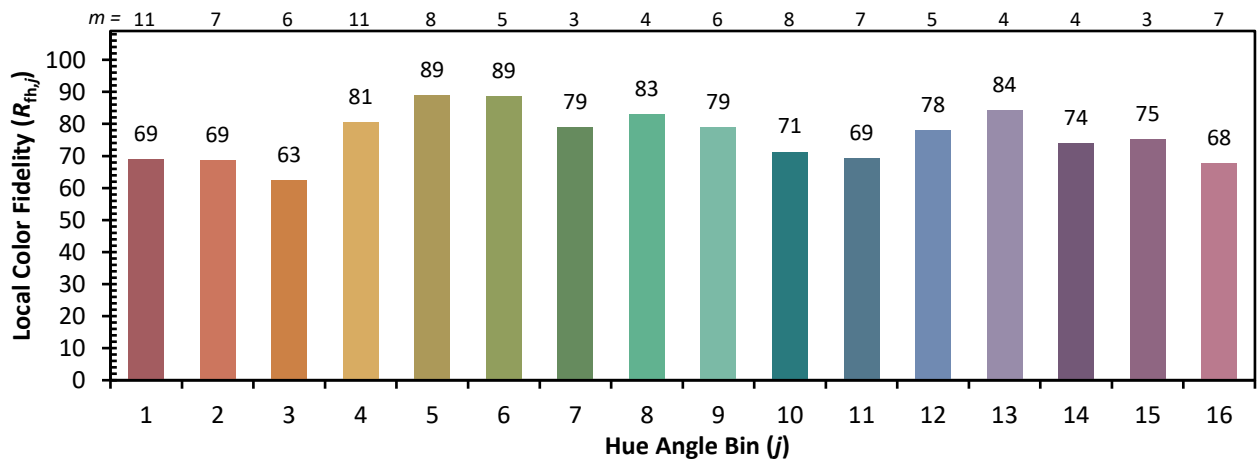
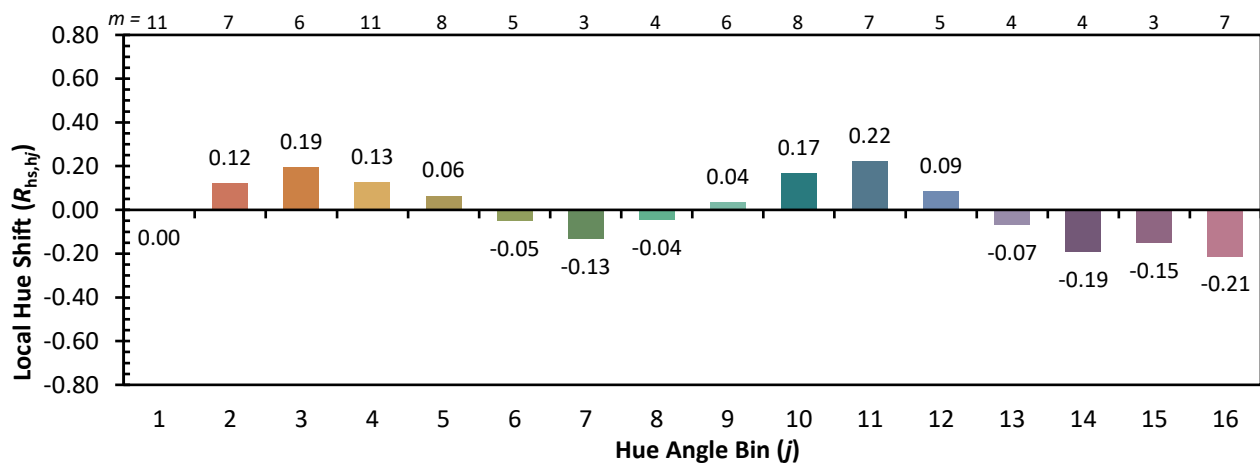
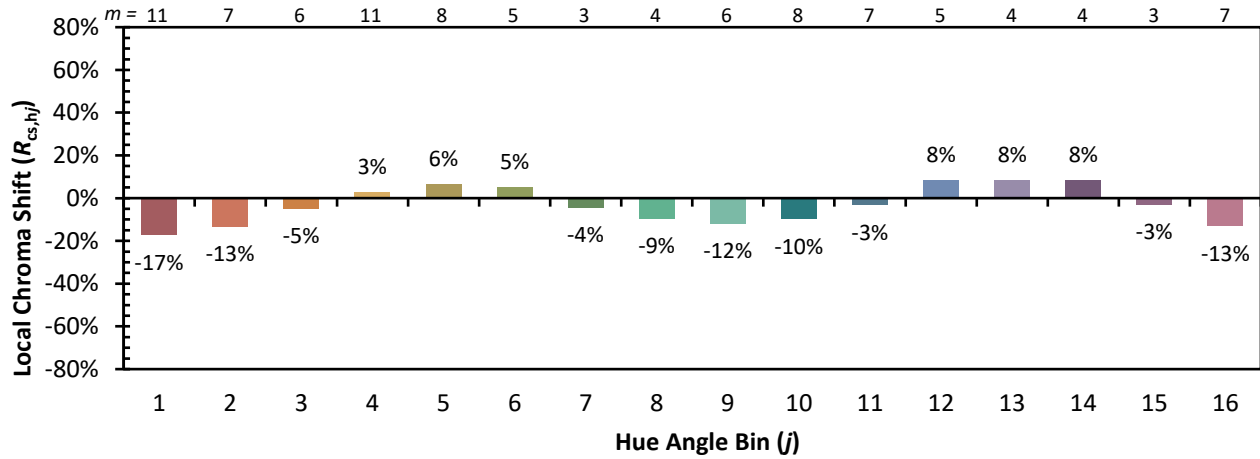
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Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 69	CES51 = 86	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 83	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 77	CES78 = 68
CES04 = 71	CES29 = 75	CES54 = 85	CES79 = 87
CES05 = 50	CES30 = 90	CES55 = 83	CES80 = 85
CES06 = 52	CES31 = 77	CES56 = 75	CES81 = 67
CES07 = 42	CES32 = 68	CES57 = 73	CES82 = 93
CES08 = 41	CES33 = 85	CES58 = 74	CES83 = 91
CES09 = 29	CES34 = 80	CES59 = 84	CES84 = 89
CES10 = 77	CES35 = 89	CES60 = 89	CES85 = 71
CES11 = 60	CES36 = 90	CES61 = 80	CES86 = 59
CES12 = 66	CES37 = 88	CES62 = 87	CES87 = 77
CES13 = 43	CES38 = 99	CES63 = 78	CES88 = 80
CES14 = 74	CES39 = 97	CES64 = 64	CES89 = 65
CES15 = 72	CES40 = 94	CES65 = 66	CES90 = 81
CES16 = 48	CES41 = 96	CES66 = 60	CES91 = 78
CES17 = 51	CES42 = 90	CES67 = 58	CES92 = 54
CES18 = 57	CES43 = 80	CES68 = 66	CES93 = 71
CES19 = 73	CES44 = 99	CES69 = 76	CES94 = 48
CES20 = 67	CES45 = 85	CES70 = 63	CES95 = 66
CES21 = 88	CES46 = 82	CES71 = 60	CES96 = 76
CES22 = 80	CES47 = 90	CES72 = 86	CES97 = 80
CES23 = 92	CES48 = 75	CES73 = 57	CES98 = 75
CES24 = 91	CES49 = 80	CES74 = 92	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 66	



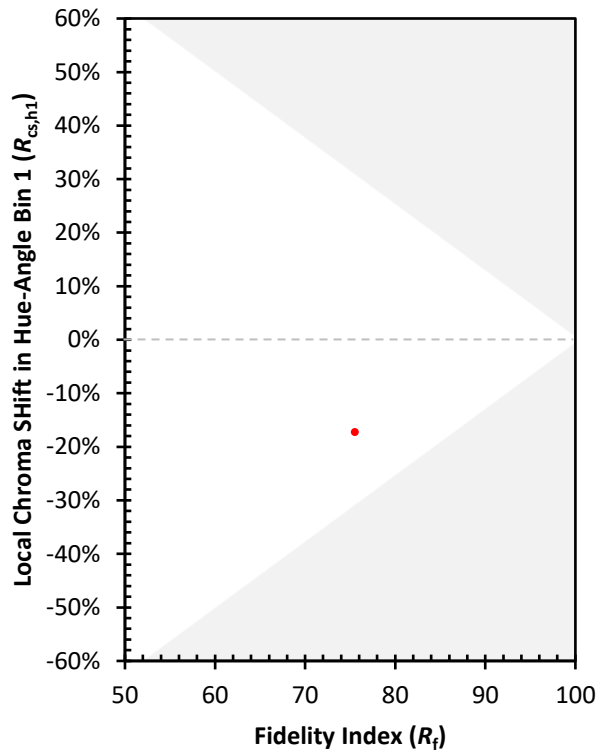
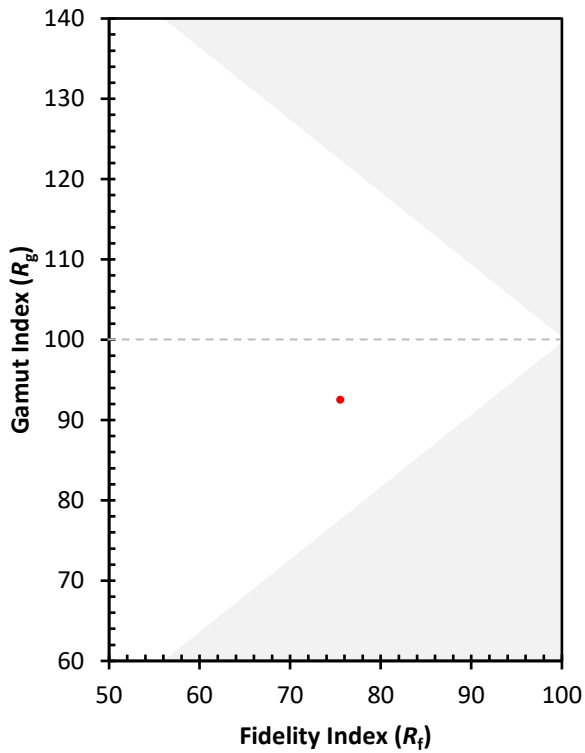
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)