

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: P856290

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

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856290  
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-FG  
Description: FAIRFAX POST TOP FIXTURE w/ FROSTED GLOBE  
Light Source: (6) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

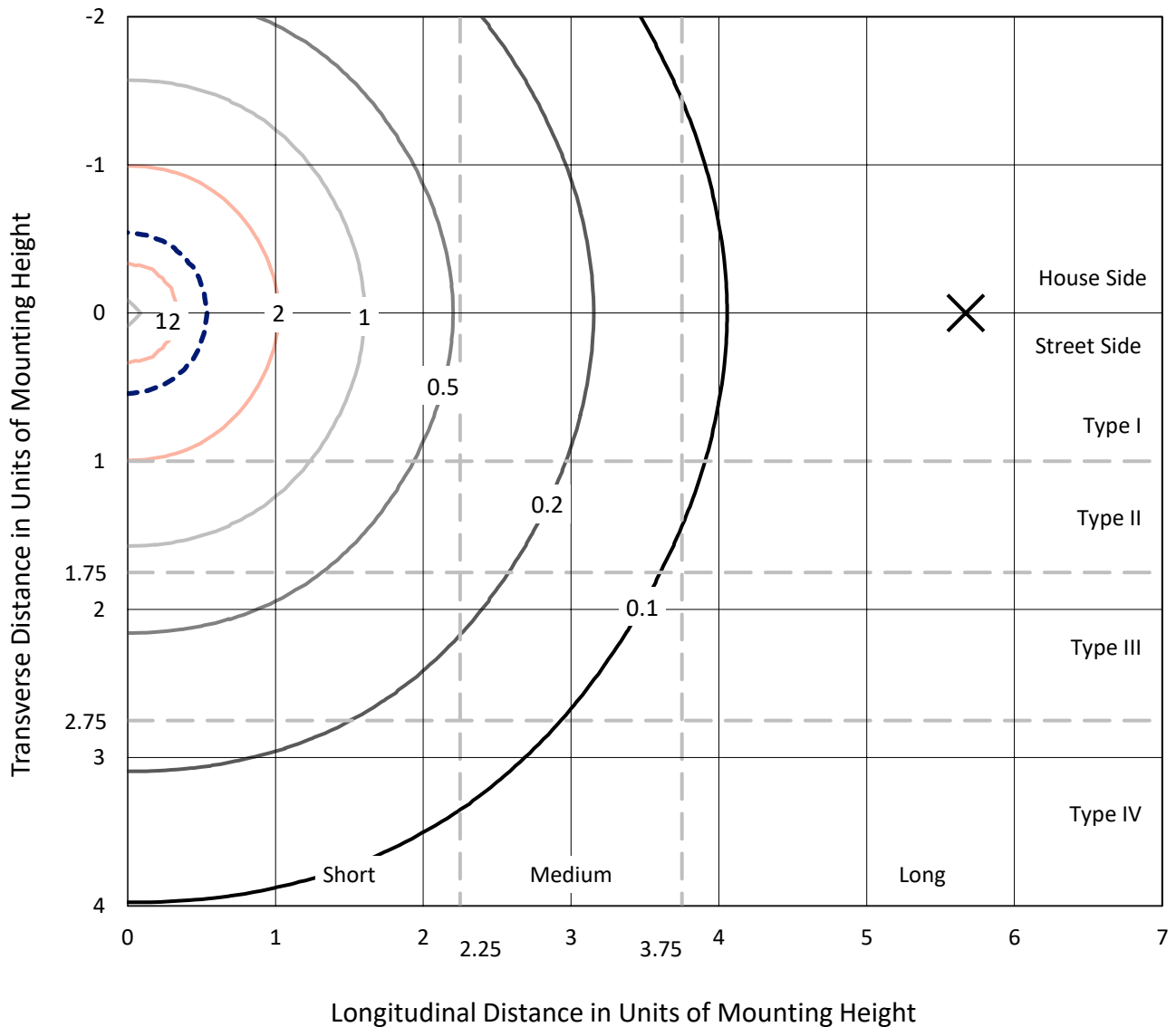
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 14739.3 lumens  
Efficiency: N/A  
Efficacy: 152.9 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')  
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

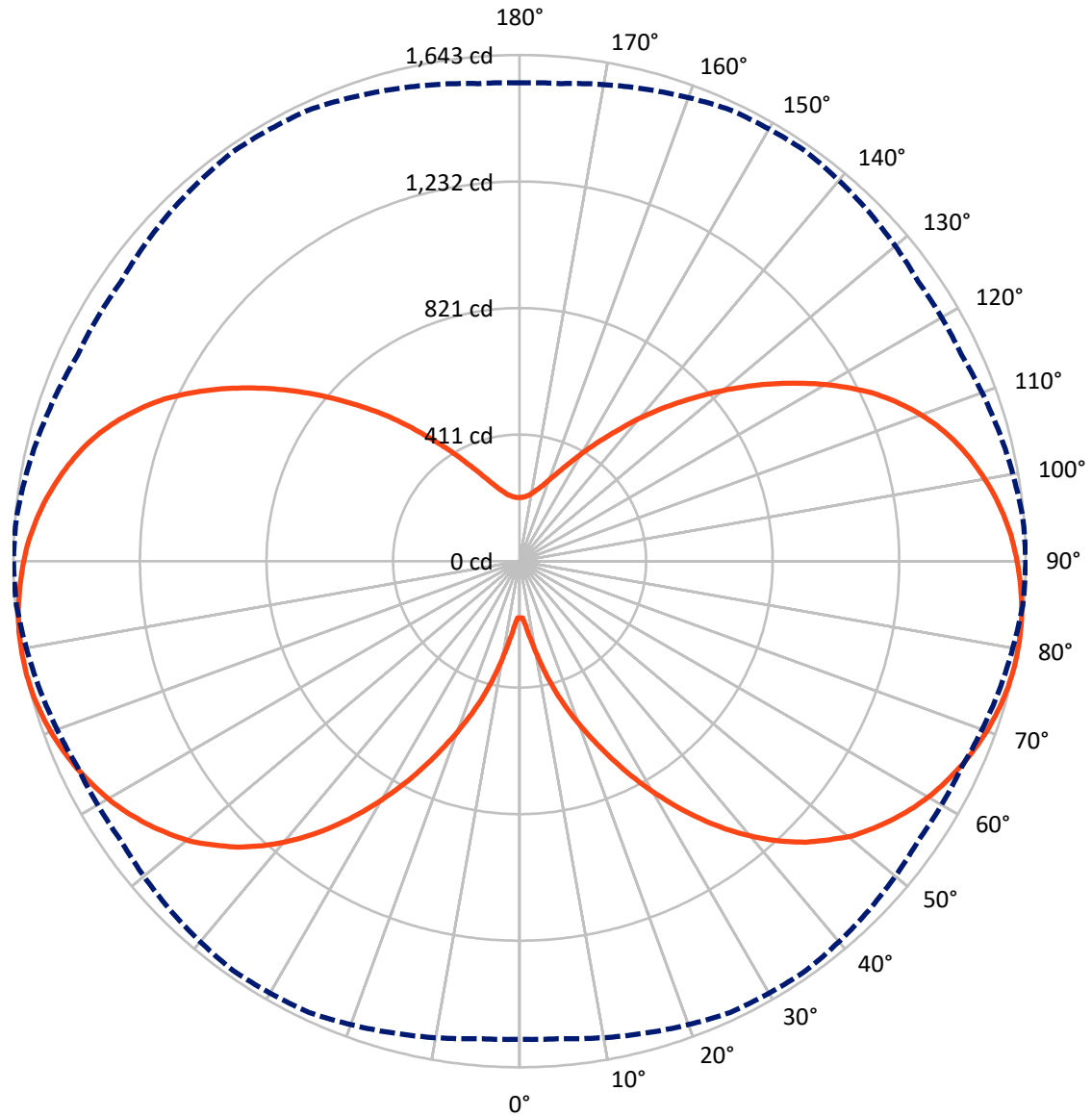
× Max cd  
 - - - 1/2 Max cd



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

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### Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral    - - - Horizontal Cone Through 80-Deg Vertical

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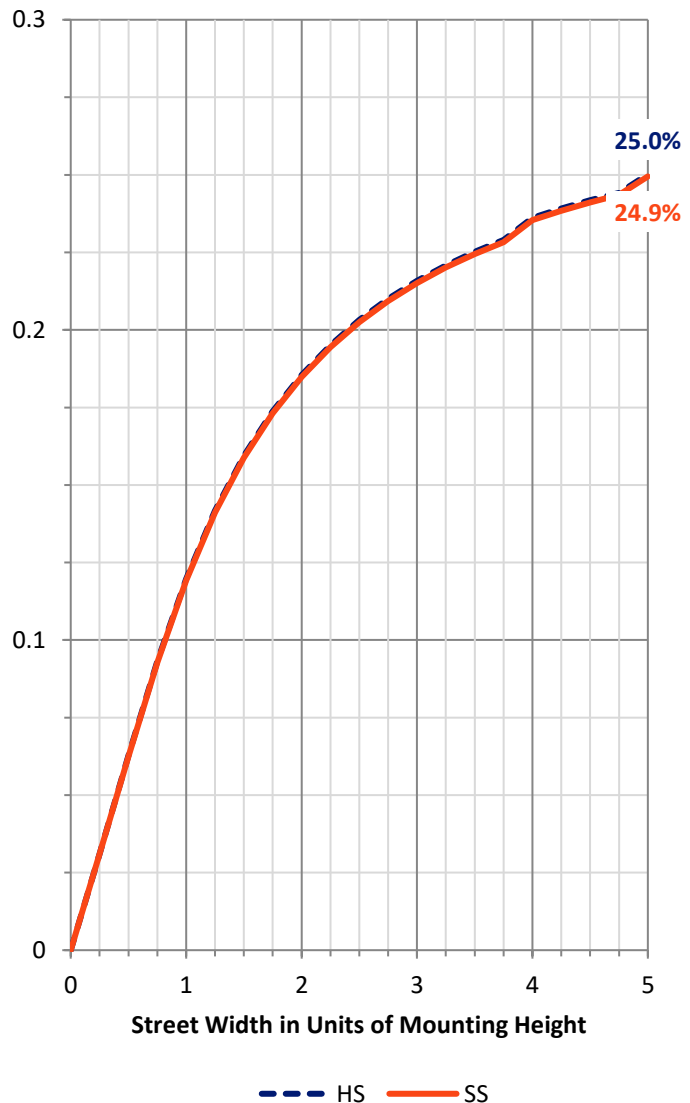
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4193.5	3176.2	7369.6
	% Fixture	28.5	21.5	50.0
<b>Street Side</b>	Lumens	4193.5	3176.2	7369.6
	% Fixture	28.5	21.5	50.0
<b>Total</b>	Lumens	8386.9	6352.3	14739.3
	% Fixture	56.9	43.1	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	23.4	0.2
10°-20°	128.6	0.9
20°-30°	338.2	2.3
30°-40°	646.5	4.4
40°-50°	993.8	6.7
50°-60°	1302.0	8.8
60°-70°	1536.6	10.4
70°-80°	1685.8	11.4
80°-90°	1732.0	11.8
90°-100°	1668.7	11.3
100°-110°	1496.2	10.2
110°-120°	1215.8	8.2
120°-130°	868.8	5.9
130°-140°	549.4	3.7
140°-150°	307.7	2.1
150°-160°	154.9	1.1
160°-170°	70.4	0.5
170°-180°	20.4	0.1
0°-90°	8386.9	56.9
0°-180°	14739.3	100.0



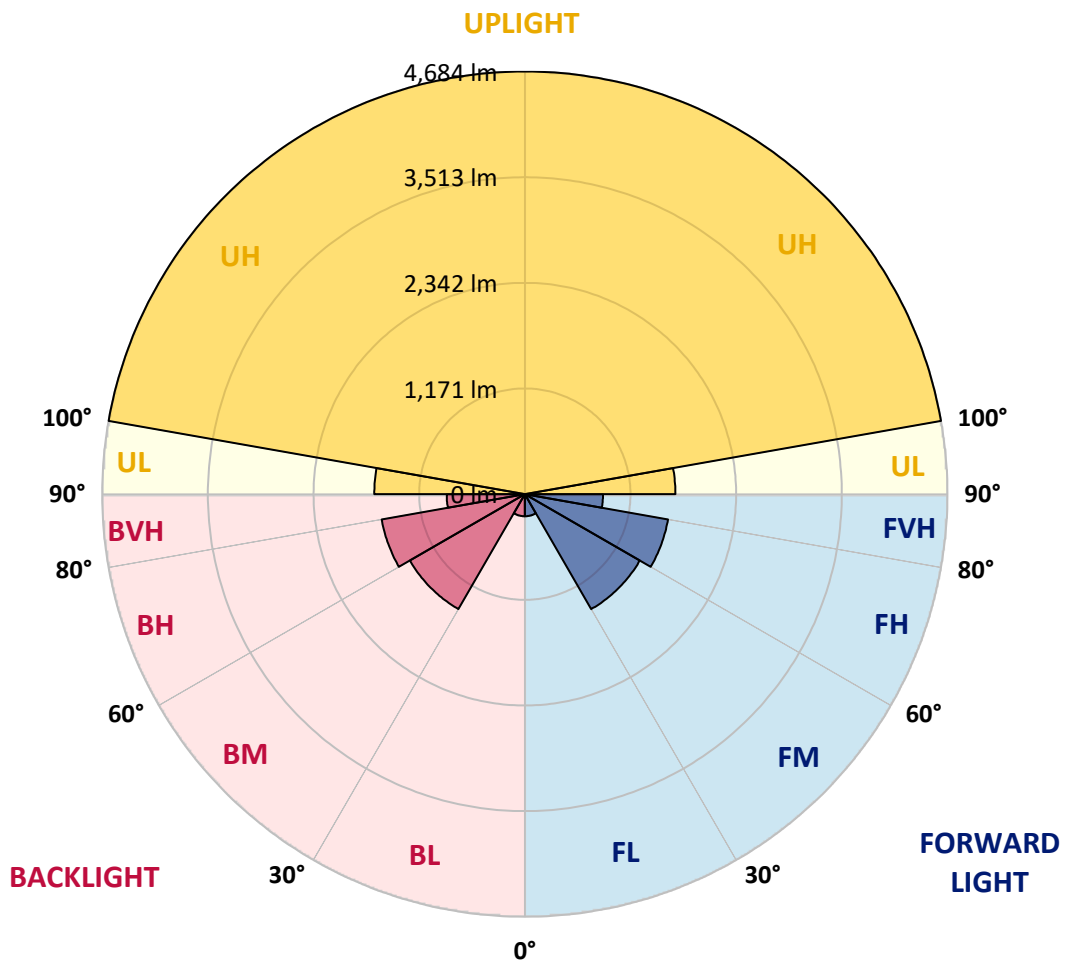
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	245.1	1.7			
FM (30°-60°)	1471.2	10.0			
FH (60°-80°)	1611.2	10.9			G1/1800
FVH (80°-90°)	866.0	5.9			G5
BL (0°-30°)	245.1	1.7	B1/500		
BM (30°-60°)	1471.2	10.0	B2/2500		
BH (60°-80°)	1611.2	10.9	B3/2500		G1/1800
BVH (80°-90°)	866.0	5.9			G5
UL (90°-100°)	1668.7	11.3		U5	
UH (100°-180°)	4683.7	31.8		U5	

**BUG Rating: B3-U5-G5**

Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	185.0	185.0	185.0	185.0	185.0	185.0	185.0	185.0	185.0	185.0	185.0
2.5°	194.1	194.1	193.2	191.4	190.5	189.6	187.8	185.0	184.1	184.1	184.1
5°	211.3	212.2	212.2	211.3	212.2	210.4	210.4	208.6	209.5	209.5	210.4
7.5°	254.0	254.0	254.9	254.9	255.8	254.0	254.9	254.0	254.9	254.9	254.0
10°	309.3	309.3	311.1	309.3	310.2	308.4	307.5	307.5	310.2	309.3	308.4
12.5°	371.9	373.7	372.8	371.9	373.7	371.9	370.1	371.0	374.6	372.8	371.9
15°	438.1	439.9	441.7	439.0	439.9	439.0	438.1	439.0	442.6	440.8	439.9
17.5°	505.2	506.1	507.9	504.3	505.2	506.1	505.2	506.1	508.8	507.9	507.0
20°	572.3	574.2	576.0	572.3	573.2	574.2	573.2	574.2	577.8	576.0	575.1
22.5°	643.1	644.0	647.6	643.1	644.9	645.8	644.0	645.8	649.4	647.6	646.7
25°	716.6	715.7	721.1	717.5	718.4	720.2	718.4	720.2	724.7	724.7	722.0
27.5°	791.8	791.8	796.4	793.7	795.5	794.6	796.4	798.2	802.7	803.6	800.9
30°	867.1	867.1	874.4	869.9	872.6	873.5	873.5	875.3	880.7	882.5	878.9
32.5°	942.4	942.4	946.0	946.9	948.8	949.7	951.5	951.5	958.7	959.6	957.8
35°	1015.9	1015.9	1019.5	1021.3	1025.9	1024.0	1026.8	1026.8	1034.9	1035.8	1034.9
37.5°	1085.7	1086.6	1091.2	1093.0	1096.6	1096.6	1098.4	1100.2	1107.5	1110.2	1109.3
40°	1151.9	1153.8	1157.4	1161.0	1164.6	1164.6	1165.5	1168.3	1176.4	1179.2	1178.2
42.5°	1211.8	1212.7	1218.2	1223.6	1227.2	1227.2	1228.1	1229.9	1239.0	1242.6	1242.6
45°	1264.4	1267.1	1274.4	1281.6	1285.3	1284.4	1284.4	1287.1	1297.1	1301.6	1301.6
47.5°	1313.4	1317.0	1325.2	1332.4	1336.1	1336.1	1335.2	1337.9	1348.8	1354.2	1351.5
50°	1356.9	1359.7	1368.7	1379.6	1382.3	1382.3	1379.6	1382.3	1394.1	1401.4	1401.4
52.5°	1393.2	1395.9	1406.8	1418.6	1422.2	1421.3	1417.7	1420.4	1432.2	1440.4	1439.5
55°	1424.1	1427.7	1439.5	1454.0	1457.6	1454.9	1450.4	1453.1	1465.8	1476.7	1475.8
57.5°	1452.2	1454.9	1468.5	1483.9	1489.4	1484.8	1478.5	1481.2	1495.7	1507.5	1508.4
60°	1475.8	1478.5	1493.9	1512.0	1516.6	1511.1	1503.0	1505.7	1522.0	1535.6	1537.4
62.5°	1495.7	1498.4	1515.7	1535.6	1542.0	1533.8	1523.8	1526.5	1544.7	1560.1	1561.0
65°	1512.0	1514.8	1534.7	1555.6	1561.9	1552.9	1541.1	1543.8	1563.7	1581.0	1582.8
67.5°	1524.7	1528.4	1551.0	1573.7	1579.2	1568.3	1554.7	1557.4	1579.2	1599.1	1600.9
70°	1535.6	1540.2	1563.7	1588.2	1594.6	1581.9	1565.6	1569.2	1593.7	1613.6	1616.3
72.5°	1543.8	1548.3	1573.7	1600.0	1607.3	1591.9	1573.7	1577.3	1603.6	1625.4	1628.1
75°	1549.2	1553.8	1581.0	1609.1	1615.4	1599.1	1579.2	1582.8	1610.0	1633.6	1637.2
77.5°	1551.9	1556.5	1585.5	1614.5	1620.9	1601.8	1581.0	1584.6	1612.7	1638.1	1641.7
80°	1551.9	1555.6	1585.5	1616.3	1621.8	1602.7	1580.1	1582.8	1611.8	1639.0	1642.6
82.5°	1549.2	1552.9	1583.7	1614.5	1620.0	1599.1	1575.5	1579.2	1609.1	1636.3	1640.8
85°	1542.9	1546.5	1577.3	1609.1	1614.5	1591.9	1567.4	1571.0	1600.9	1630.0	1634.5
87.5°	1533.8	1538.3	1568.3	1600.0	1604.6	1581.0	1557.4	1559.2	1590.9	1620.9	1624.5
90°	1522.9	1527.5	1555.6	1587.3	1591.9	1568.3	1543.8	1546.5	1577.3	1608.2	1611.8
92.5°	1510.2	1513.8	1541.1	1570.1	1575.5	1551.0	1527.5	1531.1	1561.9	1592.8	1597.3
95°	1493.9	1496.6	1522.0	1549.2	1553.8	1532.0	1508.4	1512.0	1542.9	1572.8	1577.3
97.5°	1473.9	1475.8	1498.4	1522.9	1528.4	1507.5	1485.7	1489.4	1519.3	1549.2	1554.7
100°	1451.3	1452.2	1472.1	1493.0	1497.5	1480.3	1460.3	1464.9	1493.0	1523.8	1527.5
102.5°	1425.0	1425.0	1441.3	1458.5	1464.0	1449.4	1432.2	1436.8	1464.0	1493.0	1497.5
105°	1395.9	1393.2	1405.0	1418.6	1425.0	1414.1	1401.4	1405.0	1430.4	1458.5	1464.0
107.5°	1359.7	1356.9	1365.1	1376.9	1383.2	1375.1	1365.1	1370.5	1392.3	1418.6	1424.1
110°	1318.8	1315.2	1318.8	1327.9	1335.2	1329.7	1324.3	1328.8	1349.7	1374.2	1377.8



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

**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1271.7	1267.1	1268.0	1274.4	1280.7	1279.8	1276.2	1283.5	1300.7	1320.6	1325.2
115°	1217.2	1212.7	1210.0	1213.6	1219.1	1222.7	1226.3	1230.9	1244.5	1260.8	1268.0
117.5°	1160.1	1152.8	1148.3	1148.3	1154.7	1161.0	1167.4	1173.7	1182.8	1198.2	1200.9
120°	1093.9	1089.4	1083.0	1083.0	1088.4	1094.8	1104.8	1112.0	1117.5	1128.4	1132.0
122.5°	1028.6	1022.2	1015.9	1015.9	1019.5	1028.6	1042.2	1048.5	1051.3	1057.6	1060.3
125°	962.4	955.1	947.9	947.9	951.5	960.6	976.0	981.4	983.2	986.0	988.7
127.5°	895.2	888.0	881.6	878.9	884.4	891.6	907.0	914.3	915.2	915.2	917.0
130°	828.1	822.7	816.3	813.6	819.1	825.4	842.6	849.9	846.3	846.3	847.2
132.5°	764.6	759.2	752.8	751.0	754.7	762.8	778.2	784.6	781.9	778.2	779.1
135°	703.0	698.4	690.3	689.4	694.8	698.4	712.9	719.3	716.6	712.9	713.8
137.5°	644.0	639.5	632.2	631.3	636.7	641.3	652.2	658.5	654.9	651.3	652.2
140°	587.8	582.3	576.9	576.0	579.6	584.1	594.1	597.7	594.1	591.4	592.3
142.5°	535.2	531.5	525.2	525.2	527.0	530.6	538.8	542.4	538.8	535.2	533.3
145°	485.3	480.7	477.1	476.2	478.0	481.6	487.1	490.7	487.1	484.4	482.5
147.5°	440.8	437.2	433.6	433.6	434.5	437.2	441.7	442.6	439.9	438.1	436.3
150°	400.0	396.4	394.6	393.7	394.6	395.5	399.1	400.9	398.2	396.4	394.6
152.5°	362.8	360.1	358.3	359.2	359.2	360.1	361.0	361.9	359.2	359.2	357.4
155°	330.2	328.3	326.5	327.4	327.4	327.4	328.3	328.3	326.5	326.5	325.6
157.5°	303.0	301.1	300.2	301.1	301.1	300.2	301.1	301.1	299.3	299.3	298.4
160°	279.4	277.6	277.6	277.6	277.6	276.6	278.5	277.6	276.6	275.7	275.7
162.5°	260.3	258.5	258.5	259.4	258.5	258.5	258.5	258.5	257.6	257.6	256.7
165°	244.9	243.1	243.1	244.0	243.1	243.1	243.1	243.1	242.2	242.2	242.2
167.5°	232.2	231.3	231.3	231.3	231.3	230.4	231.3	231.3	230.4	230.4	230.4
170°	222.2	221.3	221.3	221.3	221.3	221.3	221.3	221.3	221.3	220.4	220.4
172.5°	215.9	215.0	215.0	215.0	215.0	215.0	215.0	215.0	214.1	214.1	214.1
175°	211.3	210.4	210.4	210.4	210.4	210.4	210.4	210.4	210.4	209.5	209.5
177.5°	208.6	207.7	207.7	207.7	207.7	207.7	207.7	207.7	207.7	206.8	206.8
180°	206.8	206.8	206.8	206.8	206.8	206.8	206.8	206.8	206.8	206.8	206.8



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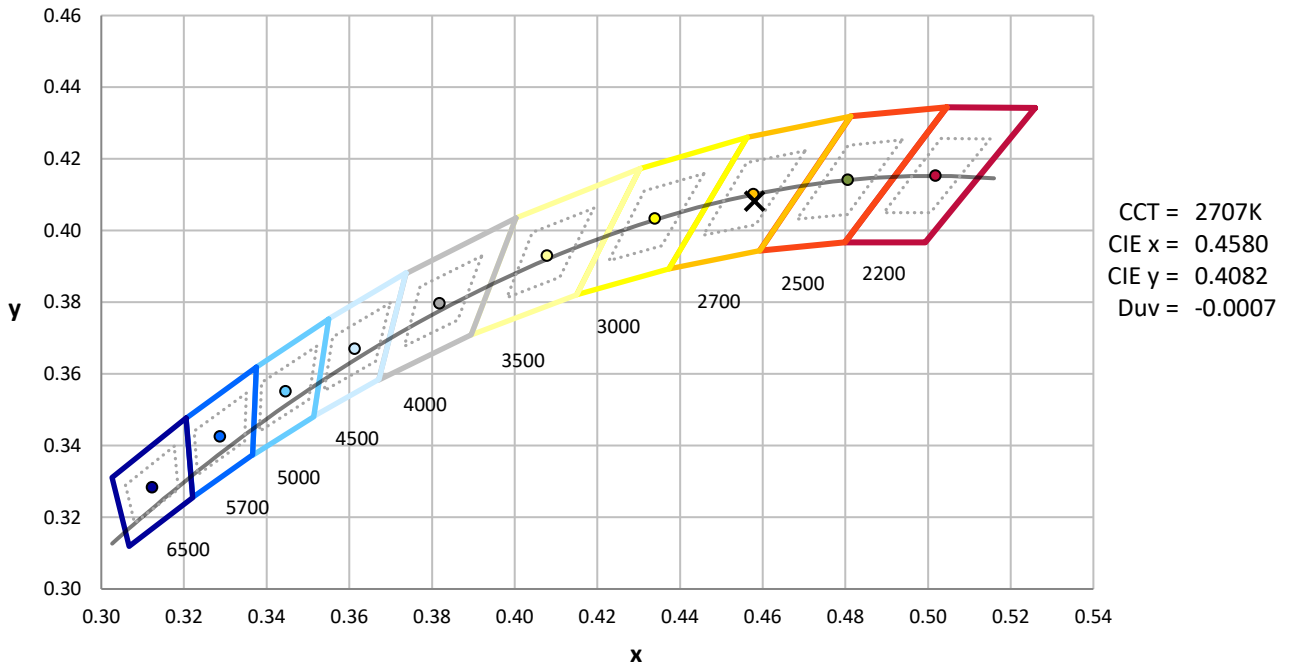
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

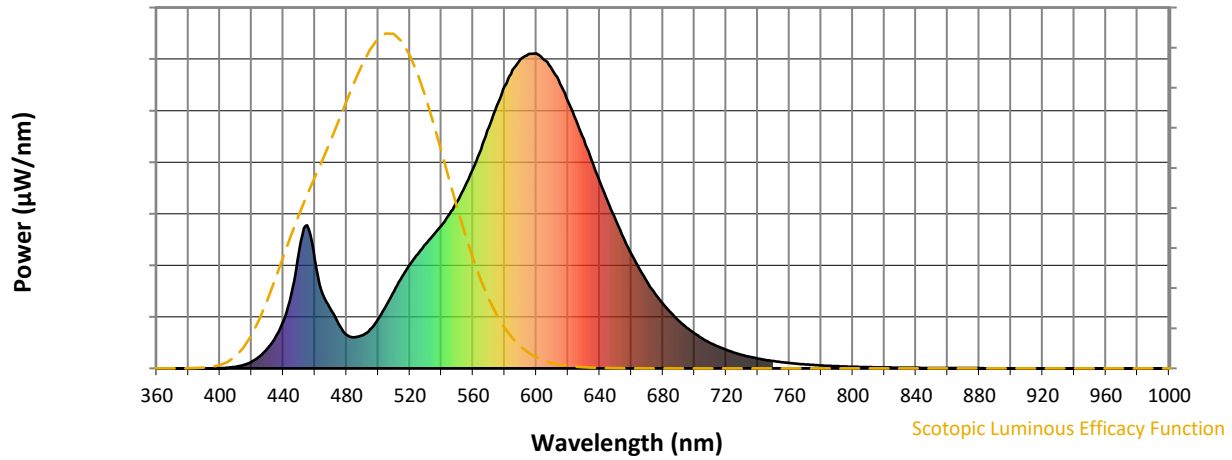


**Photopic Lumens: NR**

λ (nm)	Power W <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	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**



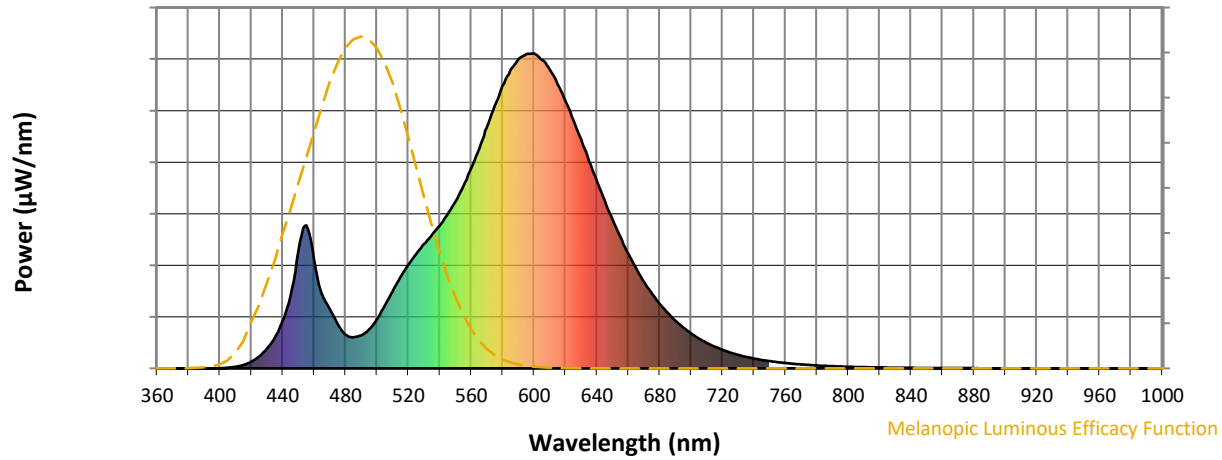
**Scotopic Lumens: NR**

**S/P: 1.12**

λ (nm)	Power W <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	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

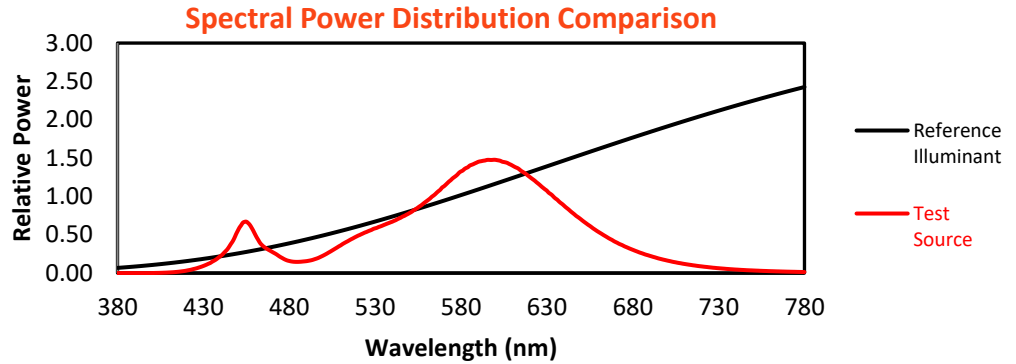
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	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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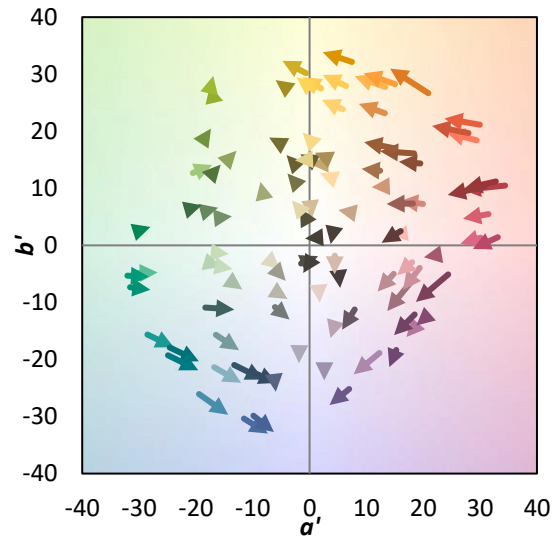
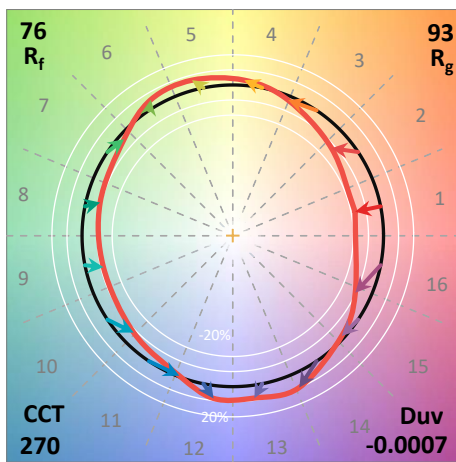
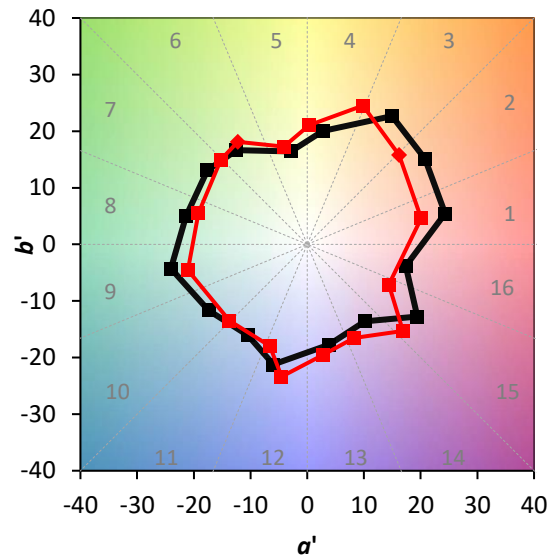
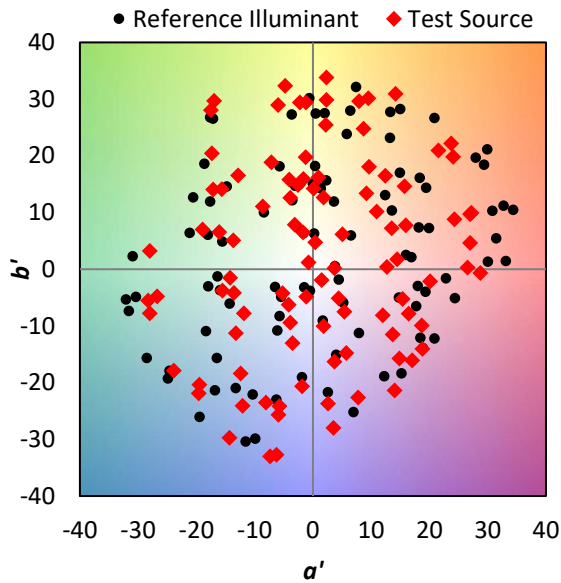
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**Summary**

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



**Color Vector Graphics**





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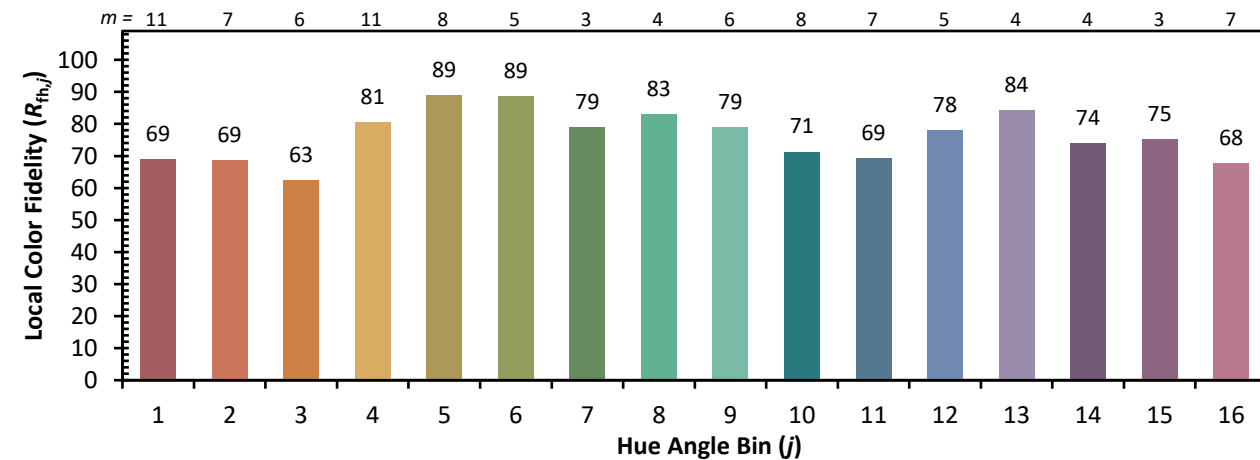
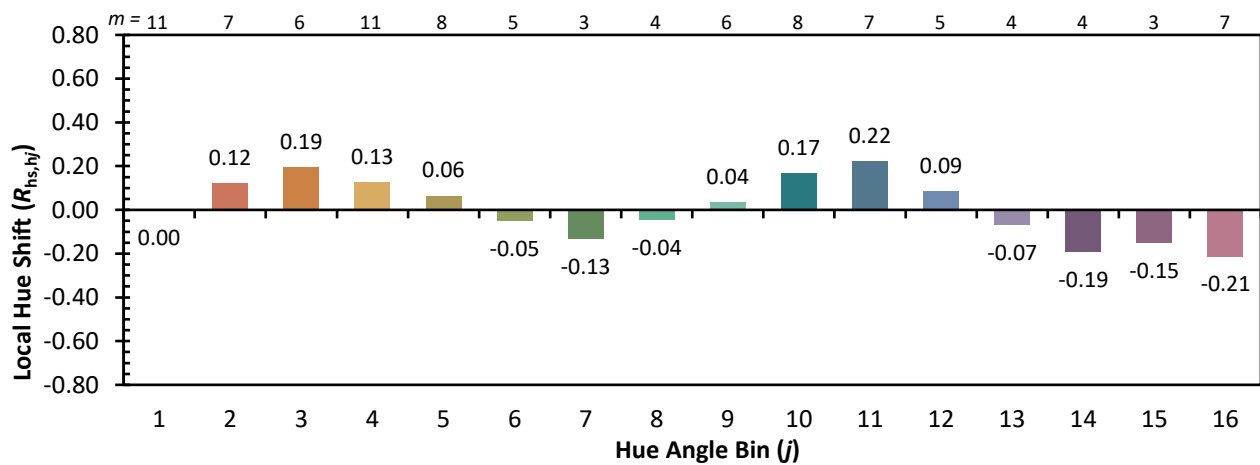
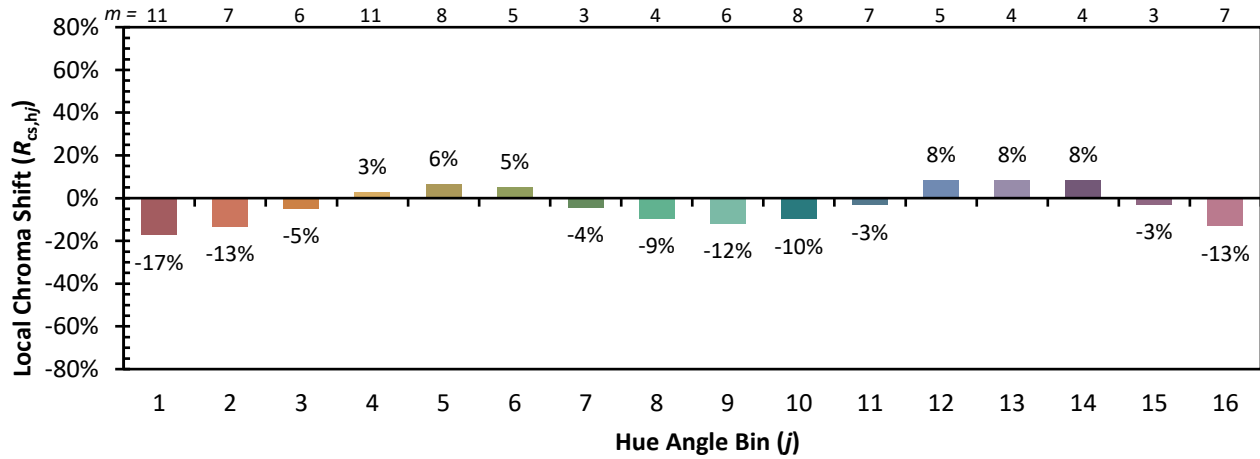
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**Individual Sample Fidelity Index ( $R_{f,i}$ )**

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	



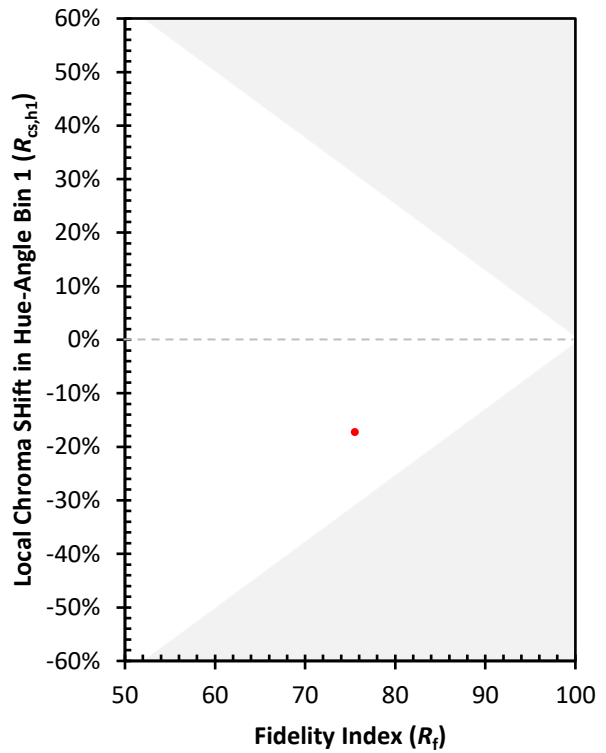
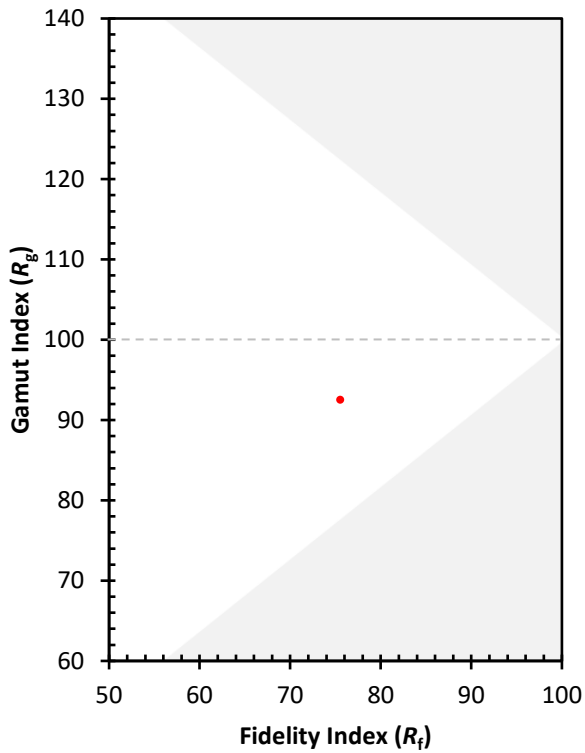
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)