

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: P856254

Luminaire Tested: **FFX-CLB-100-730-U-PG**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856254
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-100-730-U-PG
Description: FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE
Light Source: (6) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

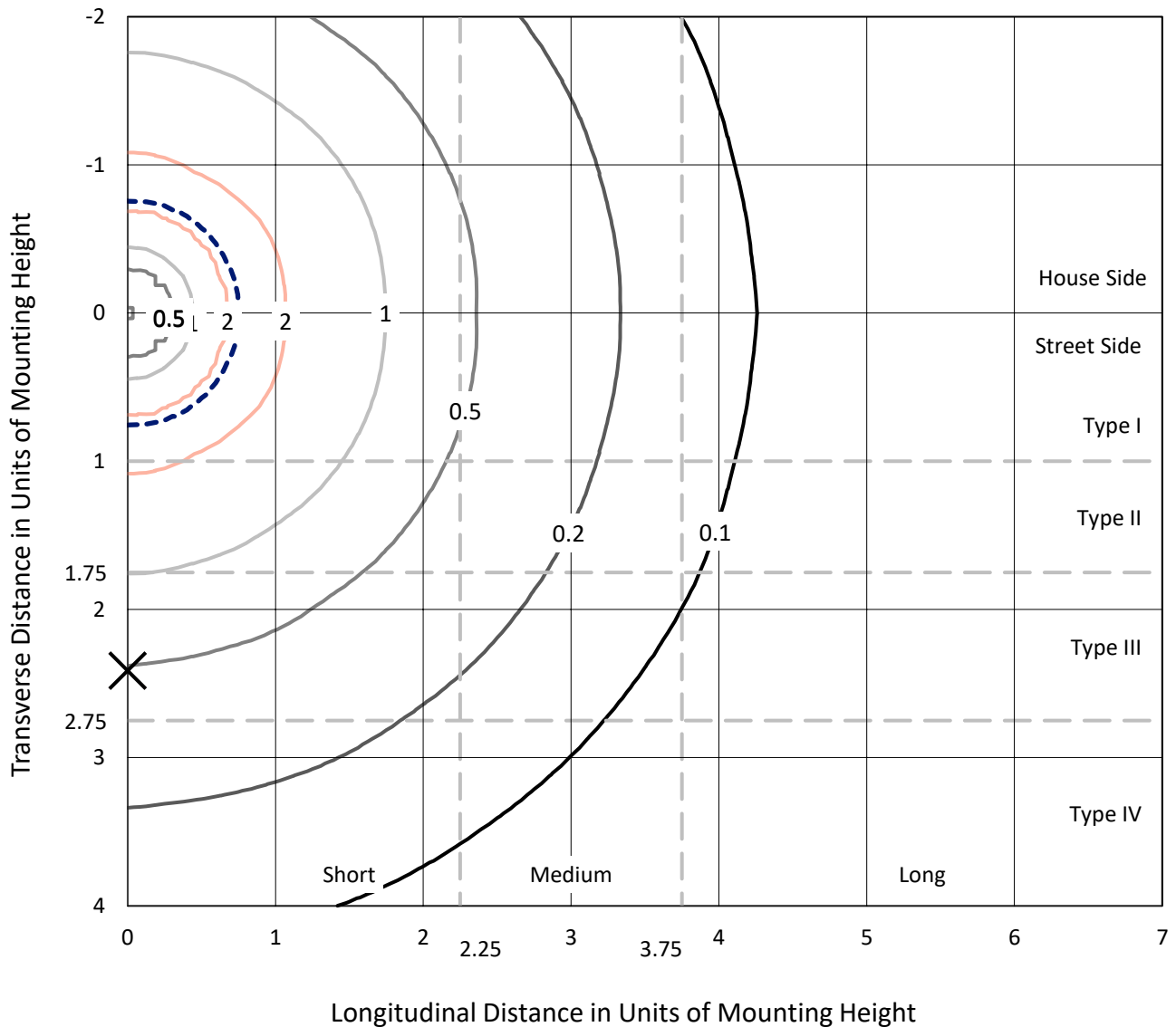
Lumens per Lamp: N/A
Luminaire Lumens: 15345.6 lumens
Efficiency: N/A
Efficacy: 159.2 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G5

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

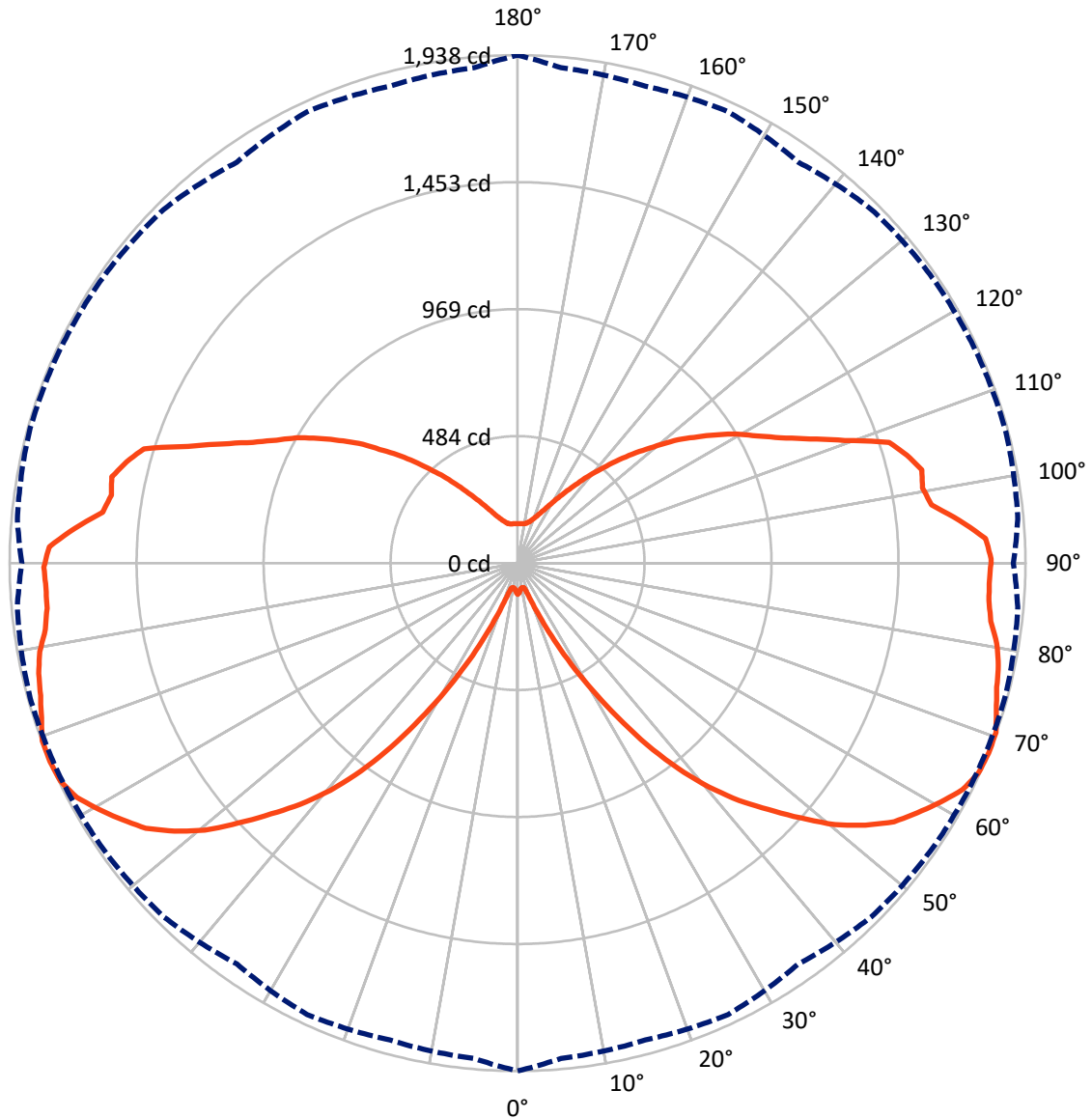
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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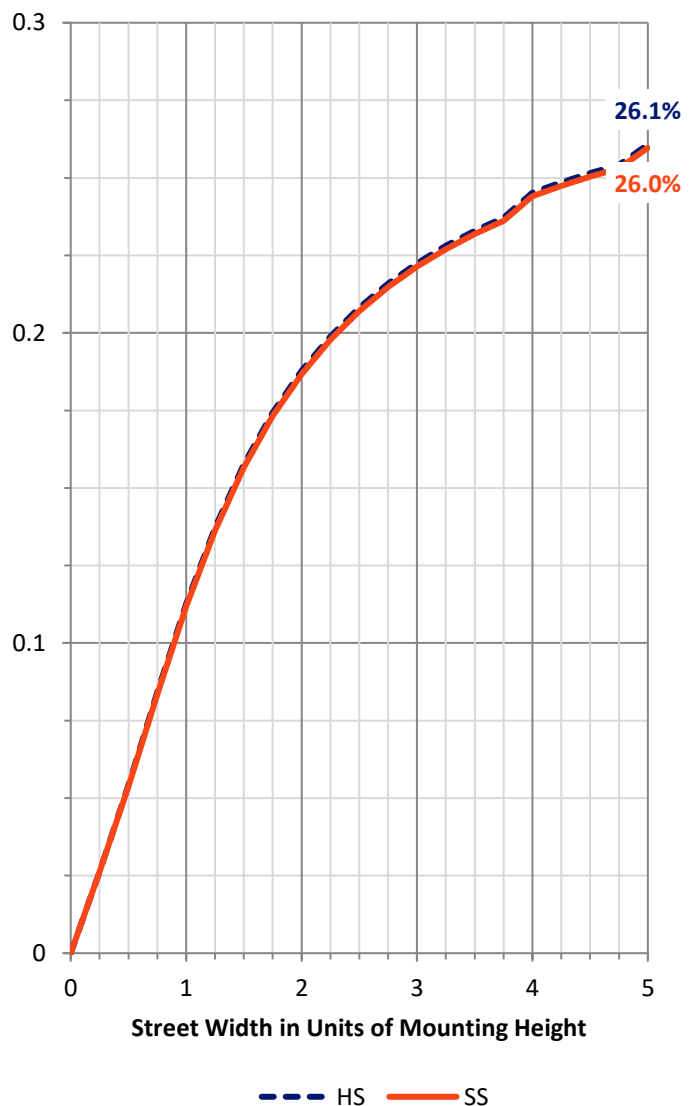
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4577.9	3094.9	7672.8
	% Fixture	29.8	20.2	50.0
Street Side	Lumens	4577.9	3094.9	7672.8
	% Fixture	29.8	20.2	50.0
Total	Lumens	9155.9	6189.7	15345.6
	% Fixture	59.7	40.3	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.9	0.1
10°-20°	32.8	0.2
20°-30°	163.9	1.1
30°-40°	538.5	3.5
40°-50°	1041.5	6.8
50°-60°	1541.1	10.0
60°-70°	1873.7	12.2
70°-80°	1978.0	12.9
80°-90°	1976.5	12.9
90°-100°	1849.0	12.0
100°-110°	1644.9	10.7
110°-120°	1125.1	7.3
120°-130°	755.6	4.9
130°-140°	438.8	2.9
140°-150°	216.1	1.4
150°-160°	99.8	0.7
160°-170°	46.1	0.3
170°-180°	14.4	0.1
0°-90°	9155.9	59.7
0°-180°	15345.6	100.0

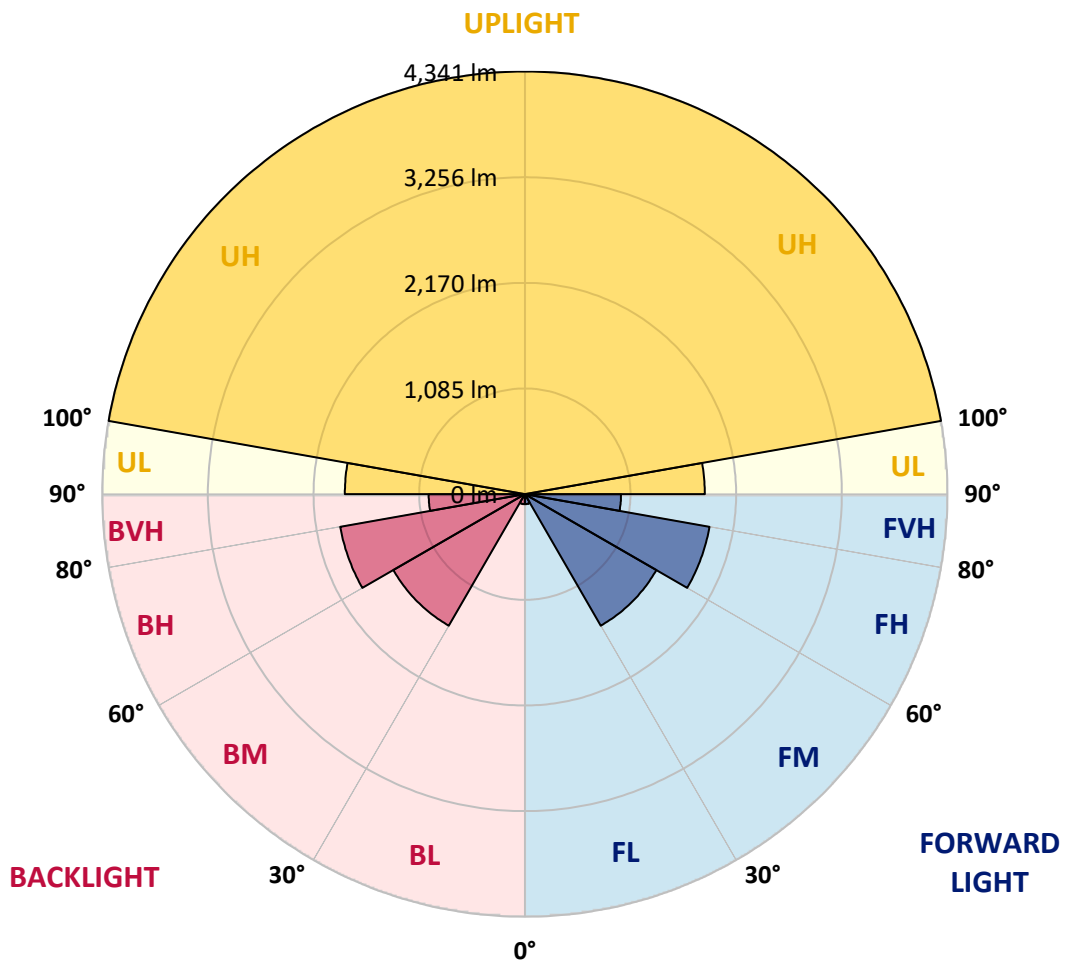


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	103.3	0.7			
FM (30°-60°)	1560.5	10.2			
FH (60°-80°)	1925.9	12.5			G2/5000
FVH (80°-90°)	988.2	6.4			G5
BL (0°-30°)	103.3	0.7	B0/110		
BM (30°-60°)	1560.5	10.2	B2/2500		
BH (60°-80°)	1925.9	12.5	B3/2500		G2/5000
BVH (80°-90°)	988.2	6.4			G5
UL (90°-100°)	1849.0	12.0		U5	
UH (100°-180°)	4340.8	28.3		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°	119.1	119.1	119.1	119.1	119.1	119.1	119.1	119.1	119.1	119.1	119.1
2.5°	114.2	113.3	112.3	111.3	112.3	113.3	115.2	116.2	116.2	116.2	116.2
5°	103.6	104.5	105.5	106.5	106.5	106.5	106.5	107.4	108.4	108.4	108.4
7.5°	97.8	97.8	98.7	101.6	102.6	101.6	101.6	102.6	99.7	96.8	95.8
10°	94.9	94.9	95.8	96.8	97.8	99.7	100.7	100.7	100.7	100.7	99.7
12.5°	95.8	94.9	95.8	96.8	98.7	99.7	97.8	97.8	99.7	101.6	102.6
15°	100.7	99.7	99.7	101.6	102.6	102.6	100.7	100.7	101.6	103.6	103.6
17.5°	122.0	120.0	119.1	120.0	119.1	120.0	119.1	121.0	121.0	120.0	119.1
20°	166.5	164.6	161.7	160.7	161.7	164.6	165.5	168.4	165.5	164.6	160.7
22.5°	236.2	233.3	231.3	231.3	234.3	236.2	235.2	239.1	237.2	236.2	232.3
25°	325.2	323.3	324.3	329.1	334.0	331.1	323.3	329.1	329.1	328.1	327.2
27.5°	436.6	429.8	432.7	445.3	449.1	441.4	432.7	439.5	442.4	443.3	443.3
30°	563.4	558.5	557.6	571.1	576.0	569.2	563.4	571.1	571.1	574.0	574.0
32.5°	700.8	697.9	693.1	700.8	708.6	706.6	706.6	712.4	710.5	713.4	714.4
35°	851.8	846.0	836.3	837.3	846.0	847.0	853.8	857.6	855.7	854.7	854.7
37.5°	994.1	986.4	977.7	972.8	983.5	982.5	998.0	998.0	994.1	995.1	995.1
40°	1122.9	1118.0	1111.3	1097.7	1118.0	1114.2	1132.5	1132.5	1121.9	1124.8	1122.9
42.5°	1238.1	1238.1	1230.3	1210.0	1231.3	1227.4	1251.6	1251.6	1237.1	1236.1	1233.2
45°	1341.6	1346.5	1342.6	1324.2	1332.0	1334.9	1358.1	1353.2	1341.6	1341.6	1336.8
47.5°	1453.0	1457.8	1444.2	1424.9	1433.6	1438.4	1459.7	1457.8	1451.0	1442.3	1442.3
50°	1569.1	1570.1	1543.0	1519.7	1527.5	1552.7	1568.1	1572.0	1557.5	1537.2	1536.2
52.5°	1661.1	1666.9	1640.7	1615.6	1621.4	1650.4	1667.8	1668.8	1650.4	1621.4	1630.1
55°	1742.4	1748.2	1722.1	1699.8	1711.4	1726.9	1747.2	1735.6	1736.6	1705.6	1720.1
57.5°	1797.6	1816.9	1773.4	1768.5	1779.2	1797.6	1806.3	1803.4	1809.2	1780.1	1785.0
60°	1852.7	1861.4	1824.7	1831.4	1818.9	1851.8	1858.5	1865.3	1849.8	1829.5	1829.5
62.5°	1905.0	1883.7	1857.6	1874.0	1840.1	1881.8	1889.5	1897.3	1880.8	1861.4	1865.3
65°	1932.1	1893.4	1871.1	1891.5	1858.5	1896.3	1908.9	1911.8	1908.9	1890.5	1881.8
67.5°	1937.9	1897.3	1883.7	1900.2	1867.3	1908.9	1920.5	1926.3	1929.2	1915.6	1891.5
70°	1936.0	1892.4	1880.8	1896.3	1875.0	1913.7	1914.7	1923.4	1927.3	1933.1	1906.0
72.5°	1909.8	1872.1	1869.2	1882.7	1863.4	1888.5	1889.5	1900.2	1894.4	1912.7	1899.2
75°	1888.5	1863.4	1868.2	1865.3	1846.0	1860.5	1864.3	1876.9	1855.6	1873.1	1884.7
77.5°	1875.0	1861.4	1873.1	1857.6	1837.2	1846.9	1852.7	1867.3	1835.3	1849.8	1883.7
80°	1853.7	1849.8	1864.3	1841.1	1823.7	1832.4	1842.1	1854.7	1819.8	1829.5	1877.9
82.5°	1818.9	1821.8	1835.3	1808.2	1796.6	1806.3	1817.9	1837.2	1801.4	1807.2	1858.5
85°	1803.4	1815.9	1822.7	1795.6	1782.1	1787.9	1800.5	1820.8	1783.0	1791.7	1844.0
87.5°	1801.4	1816.9	1821.8	1798.5	1786.9	1795.6	1801.4	1830.5	1789.8	1800.5	1853.7
90°	1807.2	1813.0	1815.9	1795.6	1785.9	1799.5	1800.5	1836.3	1795.6	1798.5	1846.0
92.5°	1787.9	1788.8	1794.7	1776.3	1775.3	1785.0	1783.0	1813.0	1768.5	1761.7	1802.4
95°	1694.0	1686.2	1698.8	1689.1	1709.5	1724.0	1740.4	1778.2	1755.9	1761.7	1796.6
97.5°	1594.3	1596.2	1600.1	1584.6	1581.7	1587.5	1594.3	1613.6	1606.9	1612.7	1645.6
100°	1571.0	1577.8	1576.9	1569.1	1537.2	1530.4	1515.9	1495.5	1468.4	1472.3	1477.2
102.5°	1582.7	1601.1	1604.0	1614.6	1614.6	1609.8	1620.4	1611.7	1616.5	1644.6	1629.1
105°	1541.0	1562.3	1575.9	1587.5	1609.8	1628.2	1677.5	1707.5	1731.7	1765.6	1760.8
107.5°	1490.7	1501.4	1511.0	1511.0	1505.2	1502.3	1529.4	1534.3	1527.5	1536.2	1537.2
110°	1333.9	1332.9	1342.6	1338.7	1341.6	1326.1	1333.9	1360.0	1354.2	1371.6	1374.5



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 CATALOG NUMBER: FFX-CLB-100-730-U-PG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1211.9	1211.9	1218.7	1209.0	1210.0	1197.4	1202.2	1219.7	1220.6	1235.2	1242.9
115°	1109.3	1107.4	1117.1	1109.3	1100.6	1097.7	1102.5	1113.2	1116.1	1125.8	1141.3
117.5°	1032.8	1023.2	1030.9	1031.9	1035.7	1028.0	1039.6	1046.4	1050.3	1058.0	1070.6
120°	969.9	960.2	963.1	972.8	984.4	968.0	980.6	986.4	989.3	992.2	998.0
122.5°	898.3	891.5	888.6	908.0	914.7	900.2	907.0	915.7	920.6	925.4	930.2
125°	825.7	819.9	817.0	834.4	841.2	829.6	839.2	851.8	849.9	860.5	850.9
127.5°	759.9	757.9	754.1	762.8	767.6	766.6	775.4	790.8	784.1	793.8	783.1
130°	681.5	689.2	683.4	694.0	695.0	702.8	705.7	720.2	713.4	715.3	708.6
132.5°	617.6	620.5	617.6	621.4	624.4	624.4	632.1	647.6	636.9	636.0	630.2
135°	552.7	553.7	549.8	555.6	557.6	552.7	560.5	572.1	566.3	563.4	563.4
137.5°	488.8	487.9	488.8	490.8	492.7	491.7	495.6	504.3	502.4	498.5	503.4
140°	434.6	431.7	432.7	433.7	432.7	432.7	436.6	444.3	444.3	439.5	444.3
142.5°	380.4	379.5	379.5	379.5	379.5	381.4	385.3	387.2	389.1	385.3	384.3
145°	334.9	334.0	333.0	333.0	333.0	334.0	337.8	336.9	340.7	336.9	334.0
147.5°	294.3	295.2	293.3	292.3	291.4	294.3	295.2	297.2	299.1	297.2	294.3
150°	261.4	260.4	260.4	258.5	258.5	261.4	260.4	262.3	264.3	263.3	262.3
152.5°	232.3	232.3	232.3	230.4	231.3	233.3	233.3	233.3	235.2	235.2	234.3
155°	209.1	209.1	209.1	208.1	208.1	210.1	210.1	210.1	211.0	211.0	211.0
157.5°	191.7	191.7	190.7	190.7	190.7	191.7	190.7	190.7	191.7	191.7	191.7
160°	178.1	178.1	177.1	177.1	176.2	177.1	176.2	176.2	177.1	177.1	177.1
162.5°	167.5	167.5	166.5	166.5	166.5	166.5	166.5	165.5	165.5	166.5	165.5
165°	159.7	159.7	159.7	159.7	159.7	159.7	159.7	158.8	158.8	158.8	158.8
167.5°	154.9	154.9	154.9	154.9	154.9	154.9	154.9	154.9	154.9	154.9	154.9
170°	152.0	152.0	152.0	152.9	152.9	152.9	152.0	152.0	152.9	152.9	152.0
172.5°	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0
175°	151.0	151.0	151.0	151.0	151.0	151.0	150.0	151.0	151.0	151.0	151.0
177.5°	151.0	150.0	150.0	151.0	151.0	150.0	150.0	150.0	150.0	150.0	150.0
180°	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2406-133-4

Test Date: 07/12/2024

Luminaire Tested: FFX-CLB-100-730-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-730-U-FR-T5.

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2406-133-4
 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-100-730-U-FR-T5**
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K): 3003
 CIE u': 0.2503
 CIE v': 0.5219
 Duv: 0.0004
 CIE x: 0.4373
 CIE y: 0.4053
 CIE z: 0.1573
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 52.93545
 Rf: 75.2
 Rg: 93.8

CRI (Ra):	71.9		
R1:	68.2	R9:	-33.7
R2:	82.2	R10:	59.0
R3:	93.9	R11:	62.4
R4:	67.6	R12:	48.5
R5:	67.2	R13:	70.8
R6:	75.3	R14:	96.6
R7:	77.6	R15:	60.0
R8:	43.1		



Test Conditions

Stabilization Time: 0.794393M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

REPORT NUMBER: SP1-2406-133-4

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 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

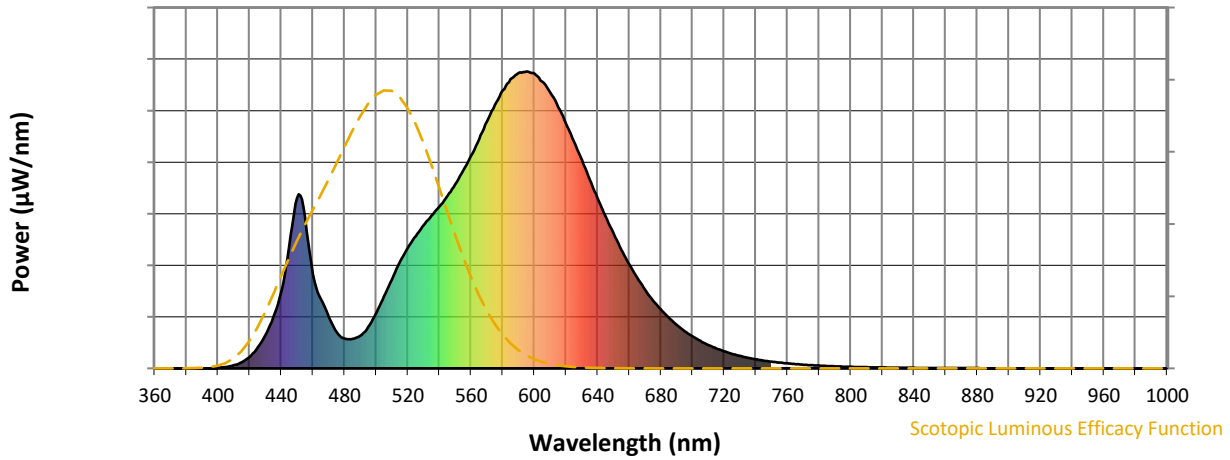


Photopic Lumens: NR

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	110	NR	620	825	NR	750	23	NR	880	1	NR
365	0	NR	495	139	NR	625	765	NR	755	19	NR	885	1	NR
370	0	NR	500	186	NR	630	702	NR	760	17	NR	890	0	NR
375	0	NR	505	243	NR	635	635	NR	765	14	NR	895	0	NR
380	0	NR	510	301	NR	640	572	NR	770	12	NR	900	0	NR
385	0	NR	515	357	NR	645	512	NR	775	11	NR	905	0	NR
390	0	NR	520	406	NR	650	455	NR	780	9	NR	910	0	NR
395	0	NR	525	445	NR	655	400	NR	785	8	NR	915	0	NR
400	2	NR	530	483	NR	660	350	NR	790	7	NR	920	0	NR
405	5	NR	535	514	NR	665	305	NR	795	6	NR	925	0	NR
410	10	NR	540	545	NR	670	264	NR	800	5	NR	930	0	NR
415	21	NR	545	581	NR	675	229	NR	805	4	NR	935	0	NR
420	39	NR	550	620	NR	680	198	NR	810	4	NR	940	0	NR
425	69	NR	555	666	NR	685	170	NR	815	3	NR	945	0	NR
430	112	NR	560	716	NR	690	147	NR	820	3	NR	950	0	NR
435	174	NR	565	771	NR	695	125	NR	825	3	NR	955	0	NR
440	260	NR	570	831	NR	700	107	NR	830	2	NR	960	0	NR
445	410	NR	575	887	NR	705	92	NR	835	2	NR	965	0	NR
450	574	NR	580	937	NR	710	79	NR	840	2	NR	970	0	NR
455	508	NR	585	974	NR	715	67	NR	845	1	NR	975	0	NR
460	319	NR	590	994	NR	720	57	NR	850	1	NR	980	0	NR
465	234	NR	595	1000	NR	725	49	NR	855	1	NR	985	0	NR
470	174	NR	600	992	NR	730	42	NR	860	1	NR	990	0	NR
475	121	NR	605	966	NR	735	36	NR	865	1	NR	995	0	NR
480	100	NR	610	929	NR	740	30	NR	870	1	NR	1000	0	NR
485	99	NR	615	880	NR	745	26	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.21

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	110	NR	620	825	NR	750	23	NR	880	1	NR
365	0	NR	495	139	NR	625	765	NR	755	19	NR	885	1	NR
370	0	NR	500	186	NR	630	702	NR	760	17	NR	890	0	NR
375	0	NR	505	243	NR	635	635	NR	765	14	NR	895	0	NR
380	0	NR	510	301	NR	640	572	NR	770	12	NR	900	0	NR
385	0	NR	515	357	NR	645	512	NR	775	11	NR	905	0	NR
390	0	NR	520	406	NR	650	455	NR	780	9	NR	910	0	NR
395	0	NR	525	445	NR	655	400	NR	785	8	NR	915	0	NR
400	2	NR	530	483	NR	660	350	NR	790	7	NR	920	0	NR
405	5	NR	535	514	NR	665	305	NR	795	6	NR	925	0	NR
410	10	NR	540	545	NR	670	264	NR	800	5	NR	930	0	NR
415	21	NR	545	581	NR	675	229	NR	805	4	NR	935	0	NR
420	39	NR	550	620	NR	680	198	NR	810	4	NR	940	0	NR
425	69	NR	555	666	NR	685	170	NR	815	3	NR	945	0	NR
430	112	NR	560	716	NR	690	147	NR	820	3	NR	950	0	NR
435	174	NR	565	771	NR	695	125	NR	825	3	NR	955	0	NR
440	260	NR	570	831	NR	700	107	NR	830	2	NR	960	0	NR
445	410	NR	575	887	NR	705	92	NR	835	2	NR	965	0	NR
450	574	NR	580	937	NR	710	79	NR	840	2	NR	970	0	NR
455	508	NR	585	974	NR	715	67	NR	845	1	NR	975	0	NR
460	319	NR	590	994	NR	720	57	NR	850	1	NR	980	0	NR
465	234	NR	595	1000	NR	725	49	NR	855	1	NR	985	0	NR
470	174	NR	600	992	NR	730	42	NR	860	1	NR	990	0	NR
475	121	NR	605	966	NR	735	36	NR	865	1	NR	995	0	NR
480	100	NR	610	929	NR	740	30	NR	870	1	NR	1000	0	NR
485	99	NR	615	880	NR	745	26	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.22

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	110	NR	620	825	NR	750	23	NR	880	1	NR
365	0	NR	495	139	NR	625	765	NR	755	19	NR	885	1	NR
370	0	NR	500	186	NR	630	702	NR	760	17	NR	890	0	NR
375	0	NR	505	243	NR	635	635	NR	765	14	NR	895	0	NR
380	0	NR	510	301	NR	640	572	NR	770	12	NR	900	0	NR
385	0	NR	515	357	NR	645	512	NR	775	11	NR	905	0	NR
390	0	NR	520	406	NR	650	455	NR	780	9	NR	910	0	NR
395	0	NR	525	445	NR	655	400	NR	785	8	NR	915	0	NR
400	2	NR	530	483	NR	660	350	NR	790	7	NR	920	0	NR
405	5	NR	535	514	NR	665	305	NR	795	6	NR	925	0	NR
410	10	NR	540	545	NR	670	264	NR	800	5	NR	930	0	NR
415	21	NR	545	581	NR	675	229	NR	805	4	NR	935	0	NR
420	39	NR	550	620	NR	680	198	NR	810	4	NR	940	0	NR
425	69	NR	555	666	NR	685	170	NR	815	3	NR	945	0	NR
430	112	NR	560	716	NR	690	147	NR	820	3	NR	950	0	NR
435	174	NR	565	771	NR	695	125	NR	825	3	NR	955	0	NR
440	260	NR	570	831	NR	700	107	NR	830	2	NR	960	0	NR
445	410	NR	575	887	NR	705	92	NR	835	2	NR	965	0	NR
450	574	NR	580	937	NR	710	79	NR	840	2	NR	970	0	NR
455	508	NR	585	974	NR	715	67	NR	845	1	NR	975	0	NR
460	319	NR	590	994	NR	720	57	NR	850	1	NR	980	0	NR
465	234	NR	595	1000	NR	725	49	NR	855	1	NR	985	0	NR
470	174	NR	600	992	NR	730	42	NR	860	1	NR	990	0	NR
475	121	NR	605	966	NR	735	36	NR	865	1	NR	995	0	NR
480	100	NR	610	929	NR	740	30	NR	870	1	NR	1000	0	NR
485	99	NR	615	880	NR	745	26	NR	875	1	NR			

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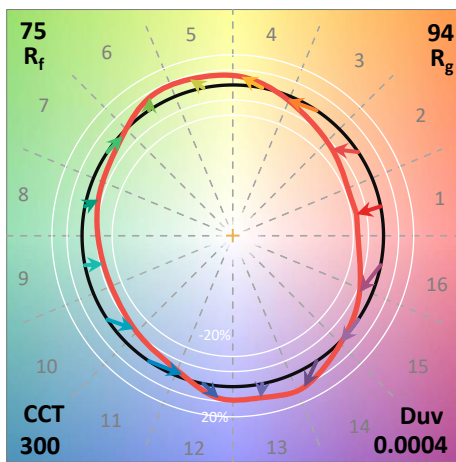
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Summary

$R_f = 75.2$
 $R_g = 93.8$
 CIE $R_a = 71.9$
 $R_9 = -33.7$



Color Vector Graphics



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

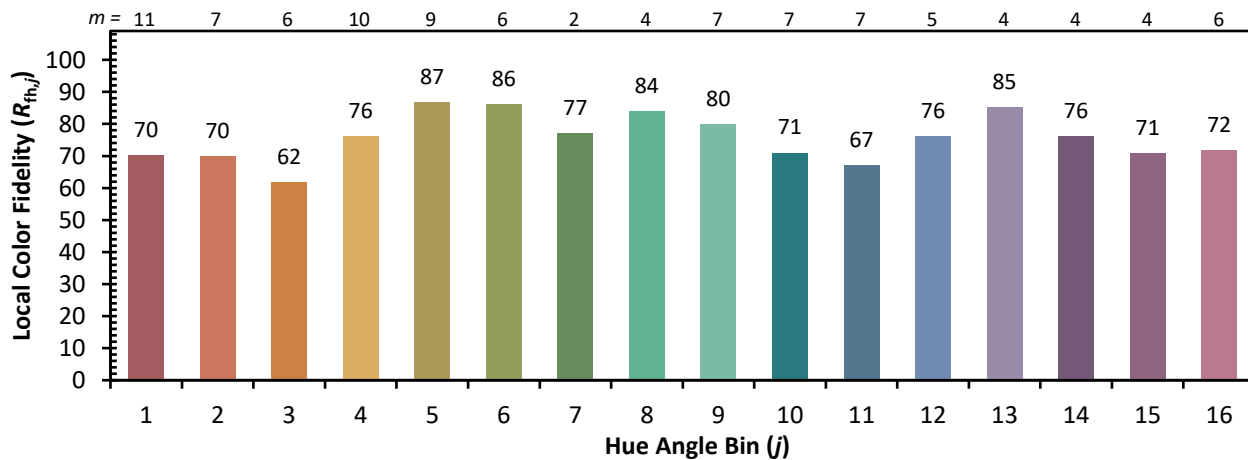
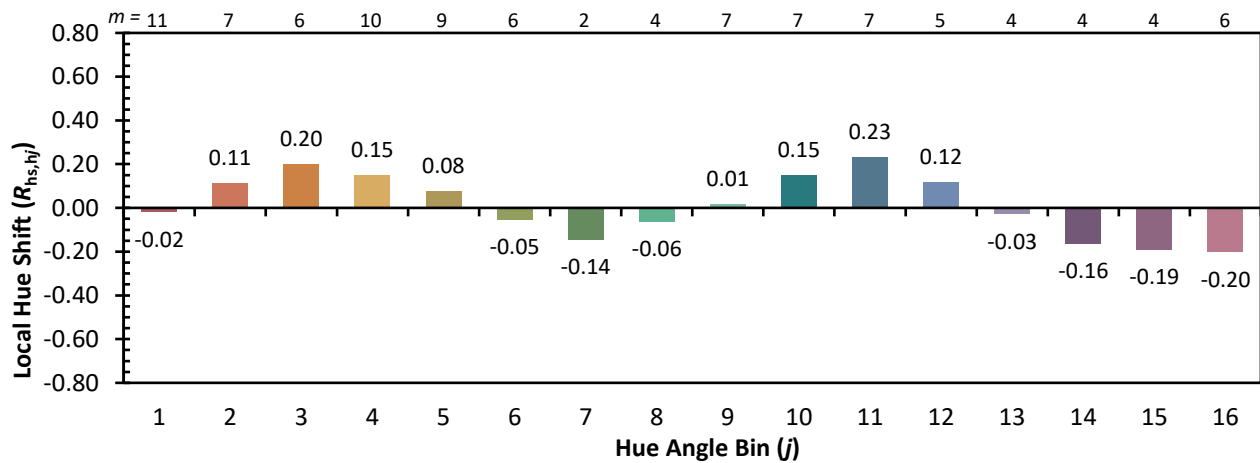
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CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 77
CES03 = 31	CES28 = 85	CES53 = 77	CES78 = 63
CES04 = 71	CES29 = 69	CES54 = 86	CES79 = 86
CES05 = 49	CES30 = 84	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 72	CES56 = 75	CES81 = 72
CES07 = 41	CES32 = 65	CES57 = 74	CES82 = 93
CES08 = 40	CES33 = 79	CES58 = 75	CES83 = 91
CES09 = 29	CES34 = 76	CES59 = 85	CES84 = 88
CES10 = 76	CES35 = 87	CES60 = 90	CES85 = 75
CES11 = 59	CES36 = 93	CES61 = 81	CES86 = 63
CES12 = 65	CES37 = 85	CES62 = 89	CES87 = 77
CES13 = 43	CES38 = 92	CES63 = 75	CES88 = 80
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 67
CES15 = 71	CES40 = 93	CES65 = 65	CES90 = 80
CES16 = 47	CES41 = 93	CES66 = 61	CES91 = 80
CES17 = 50	CES42 = 87	CES67 = 59	CES92 = 57
CES18 = 56	CES43 = 79	CES68 = 67	CES93 = 73
CES19 = 73	CES44 = 99	CES69 = 76	CES94 = 50
CES20 = 66	CES45 = 85	CES70 = 61	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 58	CES96 = 77
CES22 = 79	CES47 = 86	CES72 = 85	CES97 = 83
CES23 = 92	CES48 = 75	CES73 = 54	CES98 = 76
CES24 = 91	CES49 = 79	CES74 = 95	CES99 = 65
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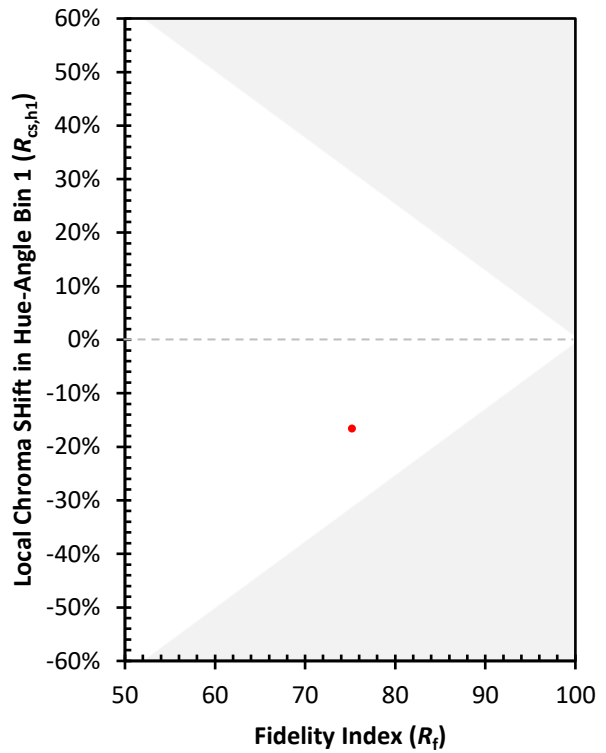
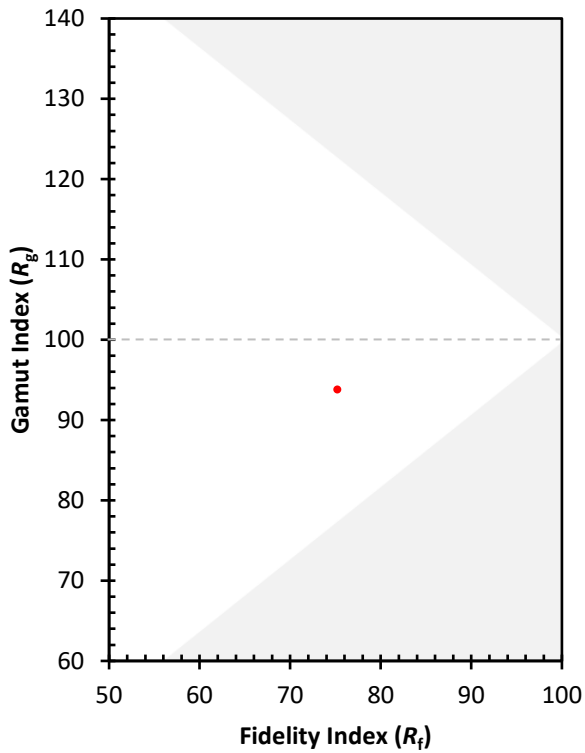
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)