

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: P856245

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

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856245
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-PG
Description: FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE
Light Source: (6) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

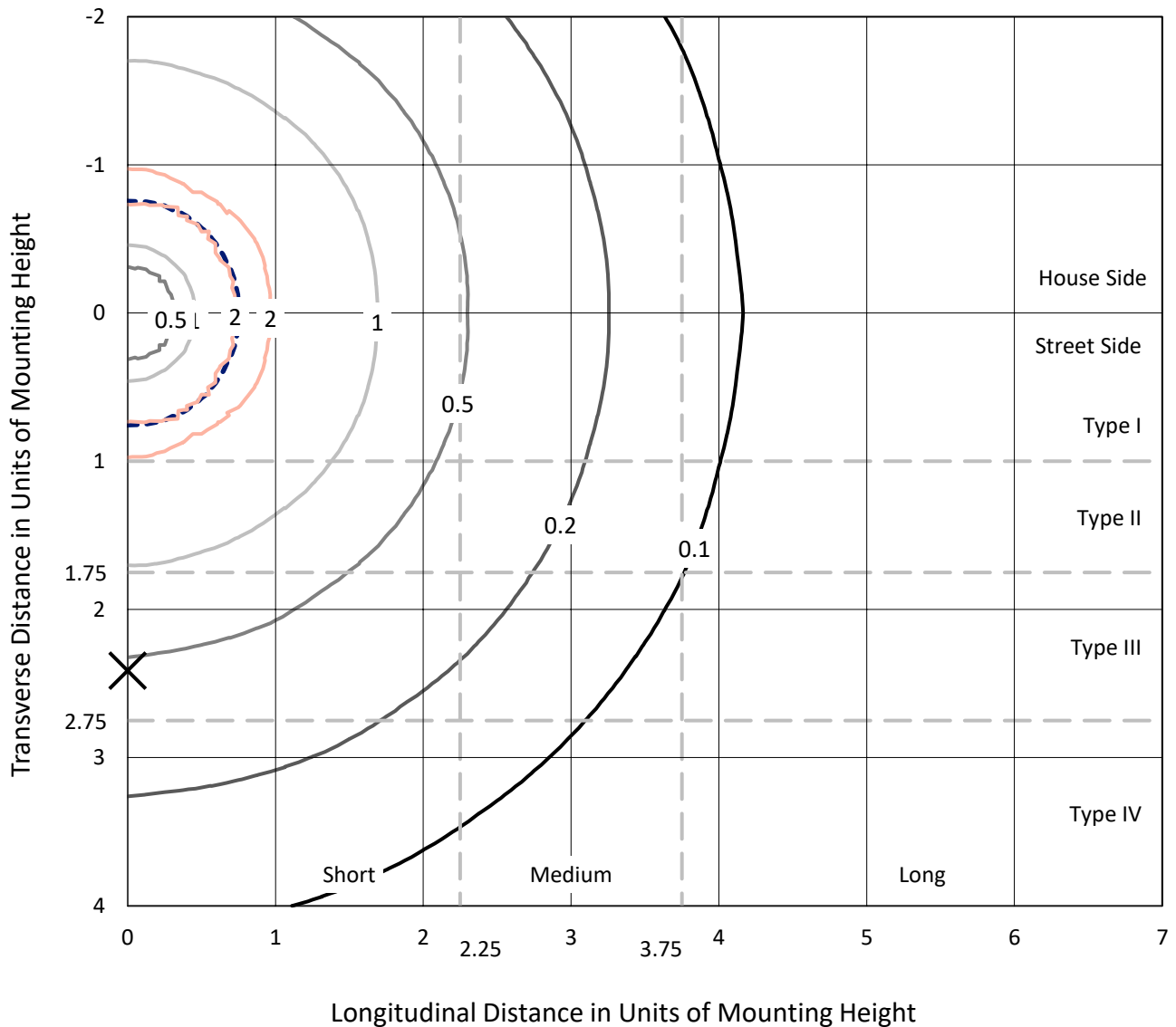
Lumens per Lamp: N/A
Luminaire Lumens: 14378.5 lumens
Efficiency: N/A
Efficacy: 149.2 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G5

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

Iso-Footcandle Lines of Horizontal Illumination

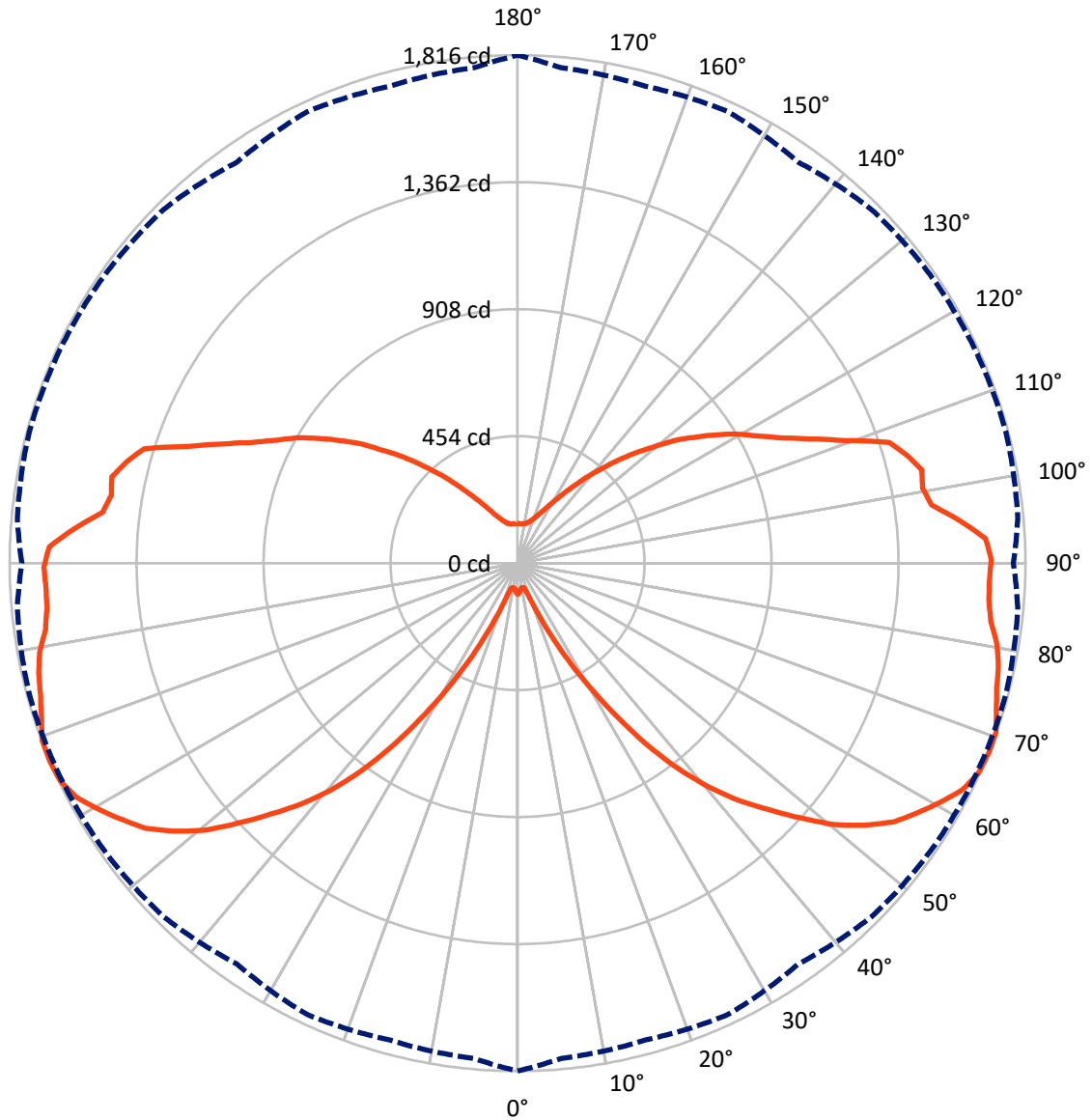
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.1 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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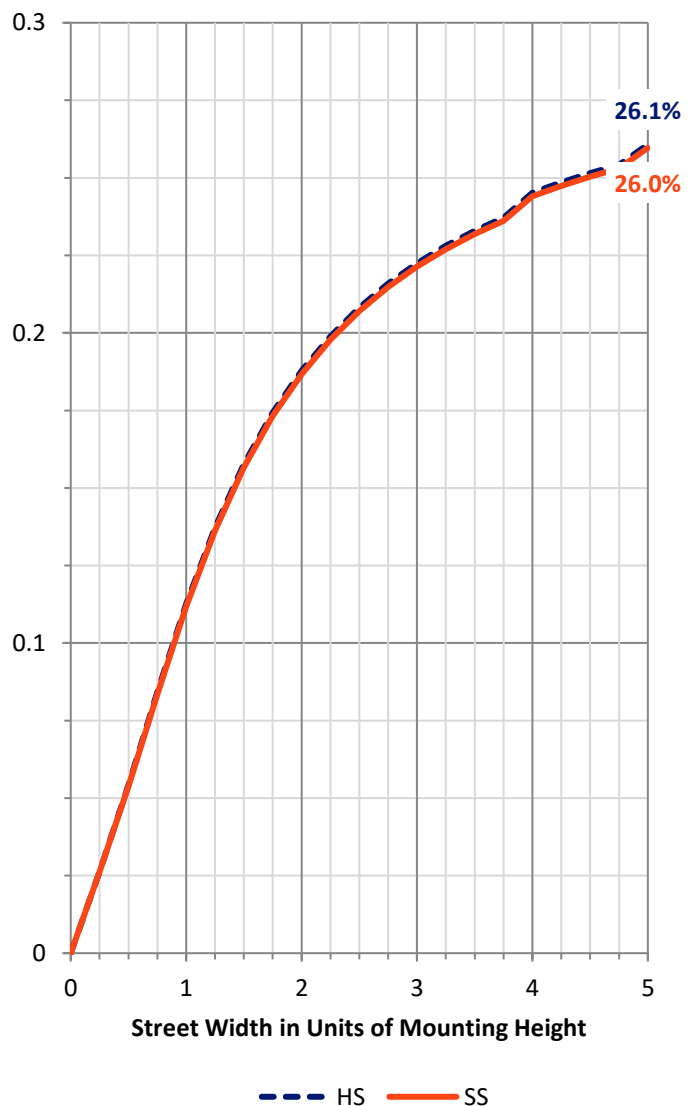
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4289.4	2899.8	7189.3
	% Fixture	29.8	20.2	50.0
Street Side	Lumens	4289.4	2899.8	7189.3
	% Fixture	29.8	20.2	50.0
Total	Lumens	8578.9	5799.7	14378.5
	% Fixture	59.7	40.3	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.3	0.1
10°-20°	30.7	0.2
20°-30°	153.6	1.1
30°-40°	504.6	3.5
40°-50°	975.8	6.8
50°-60°	1444.0	10.0
60°-70°	1755.6	12.2
70°-80°	1853.4	12.9
80°-90°	1851.9	12.9
90°-100°	1732.5	12.0
100°-110°	1541.2	10.7
110°-120°	1054.2	7.3
120°-130°	708.0	4.9
130°-140°	411.1	2.9
140°-150°	202.4	1.4
150°-160°	93.5	0.7
160°-170°	43.2	0.3
170°-180°	13.5	0.1
0°-90°	8578.9	59.7
0°-180°	14378.5	100.0

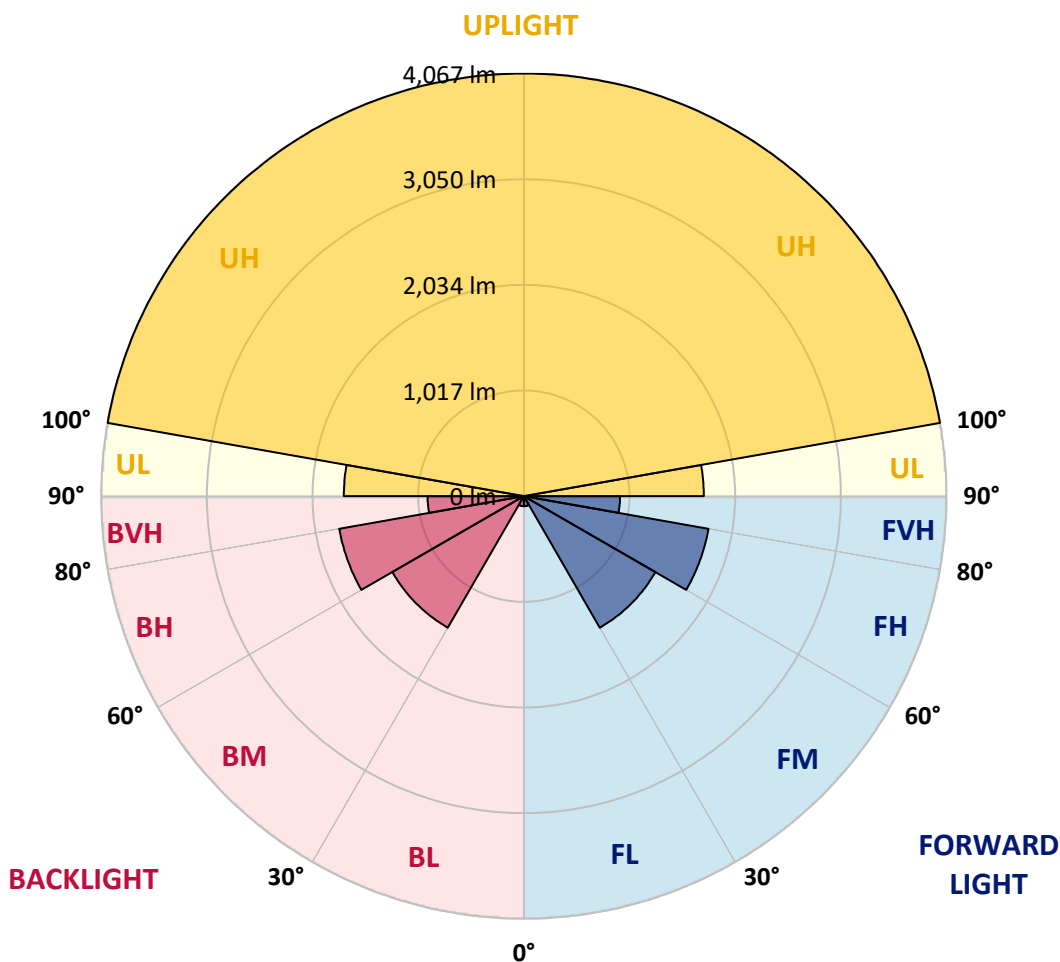


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	96.8	0.7			
FM (30°-60°)	1462.2	10.2			
FH (60°-80°)	1804.5	12.5			G2/5000
FVH (80°-90°)	926.0	6.4			G5
BL (0°-30°)	96.8	0.7	B0/110		
BM (30°-60°)	1462.2	10.2	B2/2500		
BH (60°-80°)	1804.5	12.5	B3/2500		G2/5000
BVH (80°-90°)	926.0	6.4			G5
UL (90°-100°)	1732.5	12.0		U5	
UH (100°-180°)	4067.2	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°	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6
2.5°	107.0	106.1	105.2	104.3	105.2	106.1	107.9	108.8	108.8	108.8	108.8
5°	97.0	98.0	98.9	99.8	99.8	99.8	99.8	100.7	101.6	101.6	101.6
7.5°	91.6	91.6	92.5	95.2	96.1	95.2	95.2	96.1	93.4	90.7	89.8
10°	88.9	88.9	89.8	90.7	91.6	93.4	94.3	94.3	94.3	94.3	93.4
12.5°	89.8	88.9	89.8	90.7	92.5	93.4	91.6	91.6	93.4	95.2	96.1
15°	94.3	93.4	93.4	95.2	96.1	96.1	94.3	94.3	95.2	97.0	97.0
17.5°	114.3	112.5	111.6	112.5	111.6	112.5	111.6	113.4	113.4	112.5	111.6
20°	156.0	154.2	151.5	150.6	151.5	154.2	155.1	157.8	155.1	154.2	150.6
22.5°	221.3	218.6	216.8	216.8	219.5	221.3	220.4	224.0	222.2	221.3	217.7
25°	304.7	302.9	303.8	308.4	312.9	310.2	302.9	308.4	308.4	307.5	306.6
27.5°	409.1	402.7	405.4	417.2	420.8	413.6	405.4	411.8	414.5	415.4	415.4
30°	527.9	523.3	522.4	535.1	539.7	533.3	527.9	535.1	535.1	537.8	537.8
32.5°	656.7	653.9	649.4	656.7	663.9	662.1	662.1	667.5	665.7	668.5	669.4
35°	798.2	792.7	783.6	784.5	792.7	793.6	800.0	803.6	801.8	800.9	800.9
37.5°	931.5	924.2	916.1	911.5	921.5	920.6	935.1	935.1	931.5	932.4	932.4
40°	1052.1	1047.6	1041.2	1028.5	1047.6	1043.9	1061.2	1061.2	1051.2	1053.9	1052.1
42.5°	1160.0	1160.0	1152.8	1133.7	1153.7	1150.1	1172.7	1172.7	1159.1	1158.2	1155.5
45°	1257.1	1261.6	1258.0	1240.8	1248.0	1250.7	1272.5	1268.0	1257.1	1257.1	1252.6
47.5°	1361.4	1365.9	1353.2	1335.1	1343.3	1347.8	1367.7	1365.9	1359.6	1351.4	1351.4
50°	1470.2	1471.1	1445.7	1424.0	1431.2	1454.8	1469.3	1473.0	1459.3	1440.3	1439.4
52.5°	1556.4	1561.8	1537.3	1513.8	1519.2	1546.4	1562.7	1563.6	1546.4	1519.2	1527.4
55°	1632.6	1638.0	1613.5	1592.7	1603.6	1618.1	1637.1	1626.2	1627.1	1598.1	1611.7
57.5°	1684.3	1702.4	1661.6	1657.1	1667.0	1684.3	1692.4	1689.7	1695.2	1668.0	1672.5
60°	1736.0	1744.1	1709.7	1716.0	1704.2	1735.1	1741.4	1747.8	1733.3	1714.2	1714.2
62.5°	1785.0	1765.0	1740.5	1755.9	1724.2	1763.2	1770.4	1777.7	1762.3	1744.1	1747.8
65°	1810.4	1774.1	1753.2	1772.3	1741.4	1776.8	1788.6	1791.3	1788.6	1771.4	1763.2
67.5°	1815.8	1777.7	1765.0	1780.4	1749.6	1788.6	1799.5	1804.9	1807.6	1794.9	1772.3
70°	1814.0	1773.2	1762.3	1776.8	1756.8	1793.1	1794.0	1802.2	1805.8	1811.3	1785.9
72.5°	1789.5	1754.1	1751.4	1764.1	1746.0	1769.5	1770.4	1780.4	1775.0	1792.2	1779.5
75°	1769.5	1746.0	1750.5	1747.8	1729.6	1743.2	1746.9	1758.7	1738.7	1755.0	1765.9
77.5°	1756.8	1744.1	1755.0	1740.5	1721.5	1730.5	1736.0	1749.6	1719.7	1733.3	1765.0
80°	1736.9	1733.3	1746.9	1725.1	1708.8	1716.9	1726.0	1737.8	1705.1	1714.2	1759.6
82.5°	1704.2	1707.0	1719.7	1694.3	1683.4	1692.4	1703.3	1721.5	1687.9	1693.3	1741.4
85°	1689.7	1701.5	1707.9	1682.5	1669.8	1675.2	1687.0	1706.0	1670.7	1678.8	1727.8
87.5°	1687.9	1702.4	1707.0	1685.2	1674.3	1682.5	1687.9	1715.1	1677.0	1687.0	1736.9
90°	1693.3	1698.8	1701.5	1682.5	1673.4	1686.1	1687.0	1720.6	1682.5	1685.2	1729.6
92.5°	1675.2	1676.1	1681.6	1664.3	1663.4	1672.5	1670.7	1698.8	1657.1	1650.7	1688.8
95°	1587.2	1580.0	1591.8	1582.7	1601.7	1615.3	1630.8	1666.1	1645.3	1650.7	1683.4
97.5°	1493.8	1495.6	1499.3	1484.7	1482.0	1487.5	1493.8	1512.0	1505.6	1511.0	1541.9
100°	1472.0	1478.4	1477.5	1470.2	1440.3	1434.0	1420.3	1401.3	1375.9	1379.5	1384.1
102.5°	1482.9	1500.2	1502.9	1512.9	1512.9	1508.3	1518.3	1510.1	1514.7	1541.0	1526.5
105°	1443.9	1463.9	1476.6	1487.5	1508.3	1525.6	1571.8	1599.9	1622.6	1654.3	1649.8
107.5°	1396.8	1406.7	1415.8	1415.8	1410.4	1407.6	1433.0	1437.6	1431.2	1439.4	1440.3
110°	1249.8	1248.9	1258.0	1254.4	1257.1	1242.6	1249.8	1274.3	1268.9	1285.2	1287.9



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

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1135.6	1135.6	1141.9	1132.8	1133.7	1121.9	1126.5	1142.8	1143.7	1157.3	1164.6
115°	1039.4	1037.6	1046.7	1039.4	1031.2	1028.5	1033.1	1043.0	1045.8	1054.8	1069.3
117.5°	967.8	958.7	965.9	966.9	970.5	963.2	974.1	980.5	984.1	991.3	1003.1
120°	908.8	899.7	902.5	911.5	922.4	907.0	918.8	924.2	926.9	929.7	935.1
122.5°	841.7	835.3	832.6	850.8	857.1	843.5	849.8	858.0	862.5	867.1	871.6
125°	773.7	768.2	765.5	781.8	788.2	777.3	786.4	798.2	796.3	806.3	797.2
127.5°	712.0	710.2	706.5	714.7	719.2	718.3	726.5	741.0	734.7	743.7	733.8
130°	638.5	645.8	640.3	650.3	651.2	658.5	661.2	674.8	668.5	670.3	663.9
132.5°	578.7	581.4	578.7	582.3	585.0	585.0	592.3	606.8	596.8	595.9	590.5
135°	517.9	518.8	515.2	520.6	522.4	517.9	525.1	536.0	530.6	527.9	527.9
137.5°	458.0	457.1	458.0	459.8	461.7	460.8	464.4	472.5	470.7	467.1	471.6
140°	407.2	404.5	405.4	406.3	405.4	405.4	409.1	416.3	416.3	411.8	416.3
142.5°	356.4	355.5	355.5	355.5	355.5	357.4	361.0	362.8	364.6	361.0	360.1
145°	313.8	312.9	312.0	312.0	312.0	312.9	316.5	315.6	319.3	315.6	312.9
147.5°	275.7	276.6	274.8	273.9	273.0	275.7	276.6	278.4	280.3	278.4	275.7
150°	244.9	244.0	244.0	242.2	242.2	244.9	244.0	245.8	247.6	246.7	245.8
152.5°	217.7	217.7	217.7	215.9	216.8	218.6	218.6	218.6	220.4	220.4	219.5
155°	195.9	195.9	195.9	195.0	195.0	196.8	196.8	196.8	197.7	197.7	197.7
157.5°	179.6	179.6	178.7	178.7	178.7	179.6	178.7	178.7	179.6	179.6	179.6
160°	166.9	166.9	166.0	166.0	165.1	166.0	165.1	165.1	166.0	166.0	166.0
162.5°	156.9	156.9	156.0	156.0	156.0	156.0	156.0	155.1	155.1	156.0	155.1
165°	149.7	149.7	149.7	149.7	149.7	149.7	149.7	148.7	148.7	148.7	148.7
167.5°	145.1	145.1	145.1	145.1	145.1	145.1	145.1	145.1	145.1	145.1	145.1
170°	142.4	142.4	142.4	143.3	143.3	143.3	142.4	142.4	143.3	143.3	142.4
172.5°	141.5	141.5	141.5	141.5	141.5	141.5	141.5	141.5	141.5	141.5	141.5
175°	141.5	141.5	141.5	141.5	141.5	141.5	140.6	141.5	141.5	141.5	141.5
177.5°	141.5	140.6	140.6	141.5	141.5	140.6	140.6	140.6	140.6	140.6	140.6
180°	141.5	141.5	141.5	141.5	141.5	141.5	141.5	141.5	141.5	141.5	141.5

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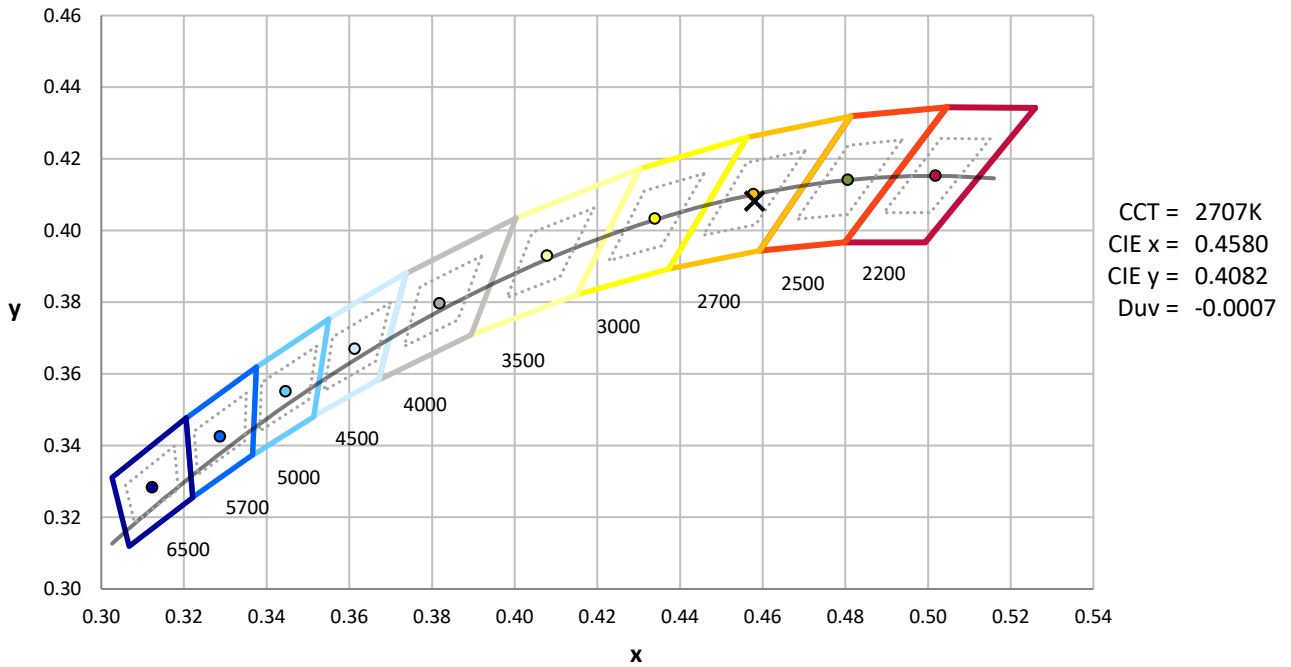
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



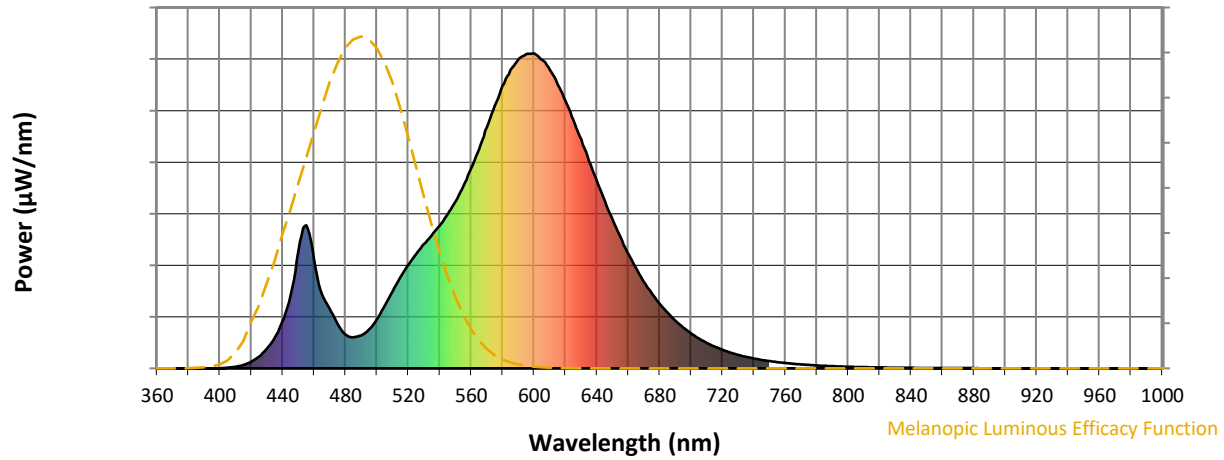
Scotopic Lumens: NR

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

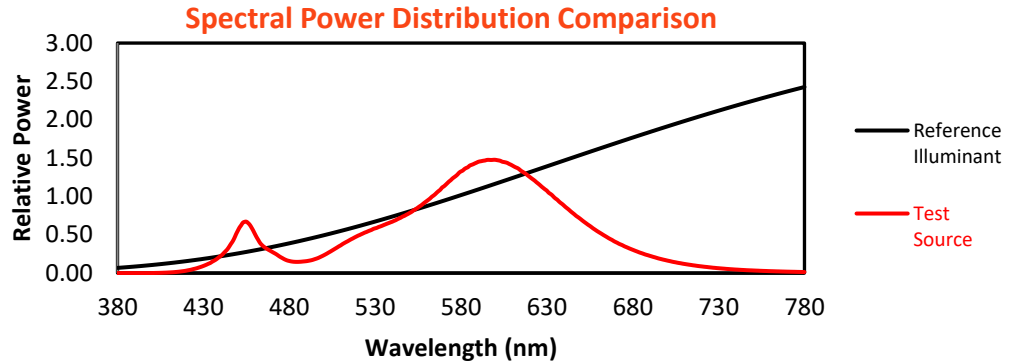
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	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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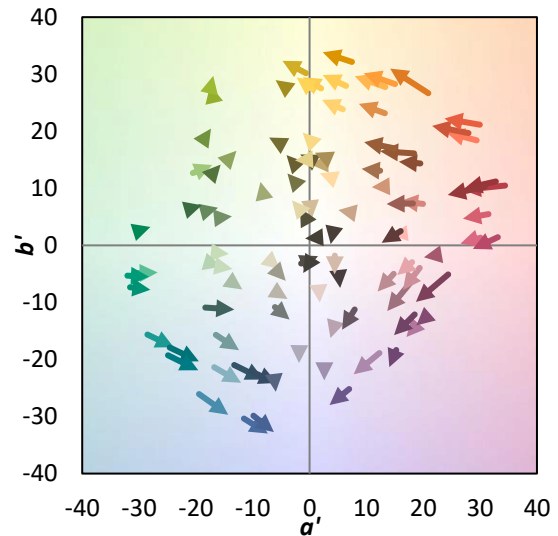
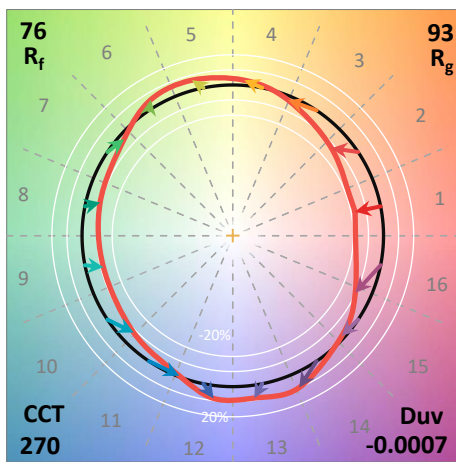
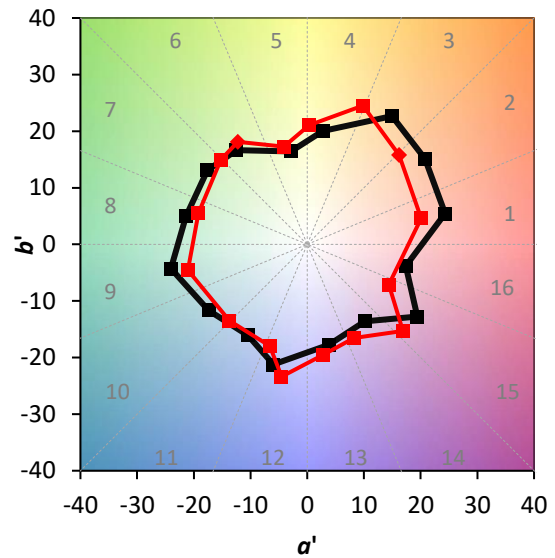
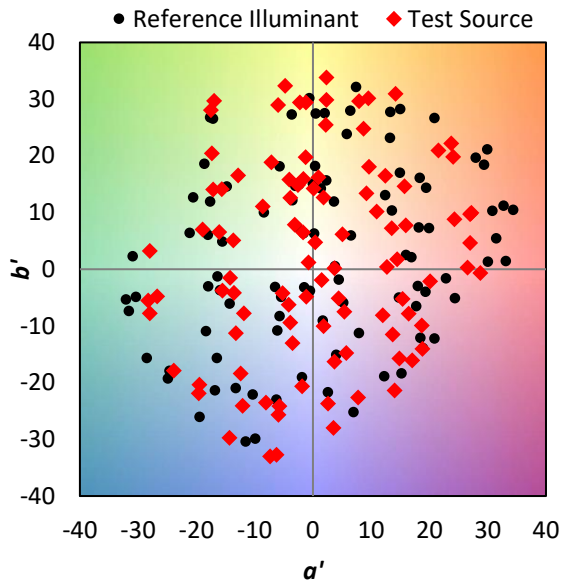
TM-30-18

Summary

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



Color Vector Graphics

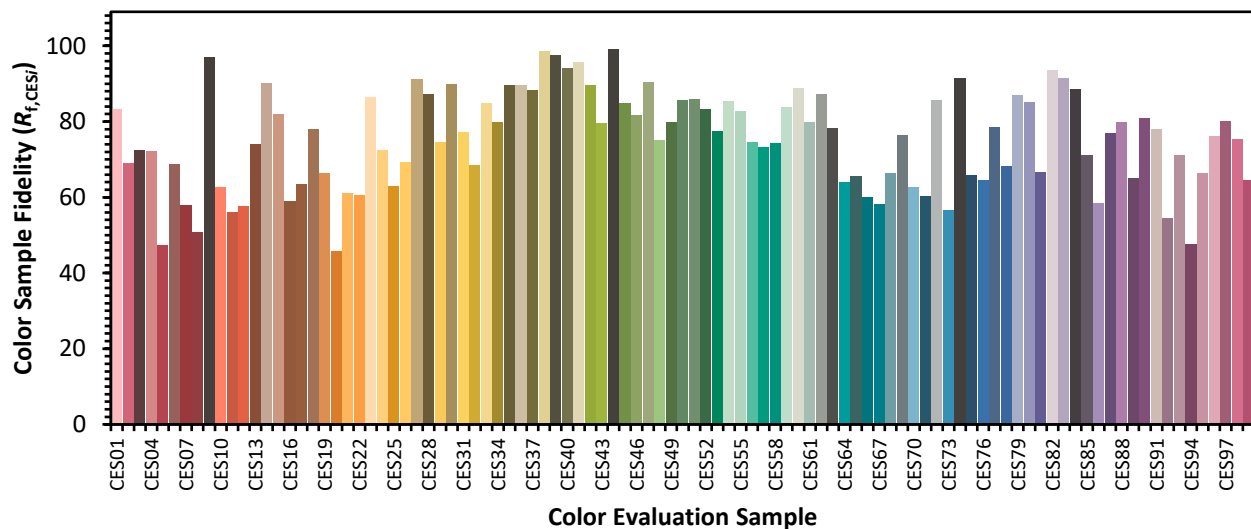


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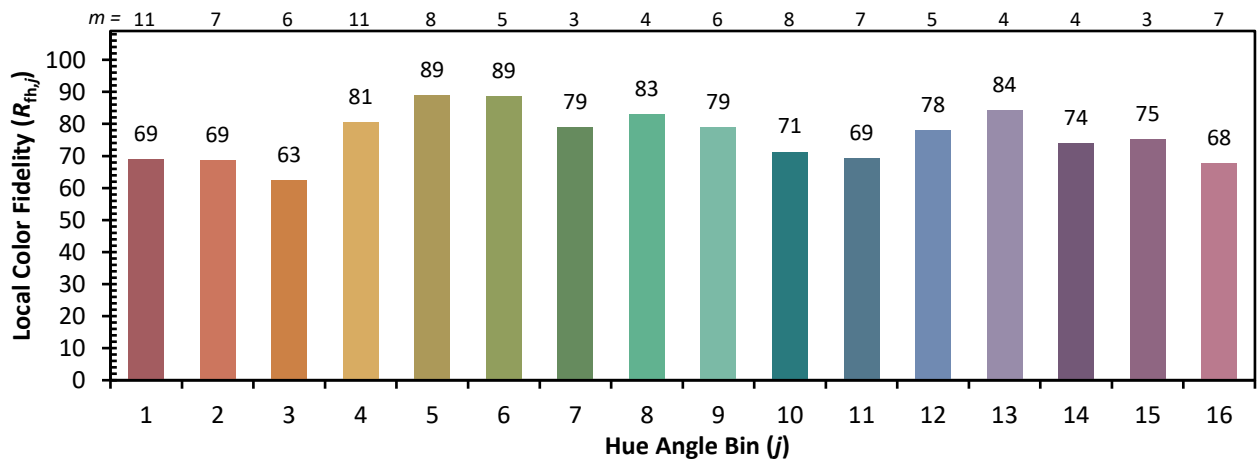
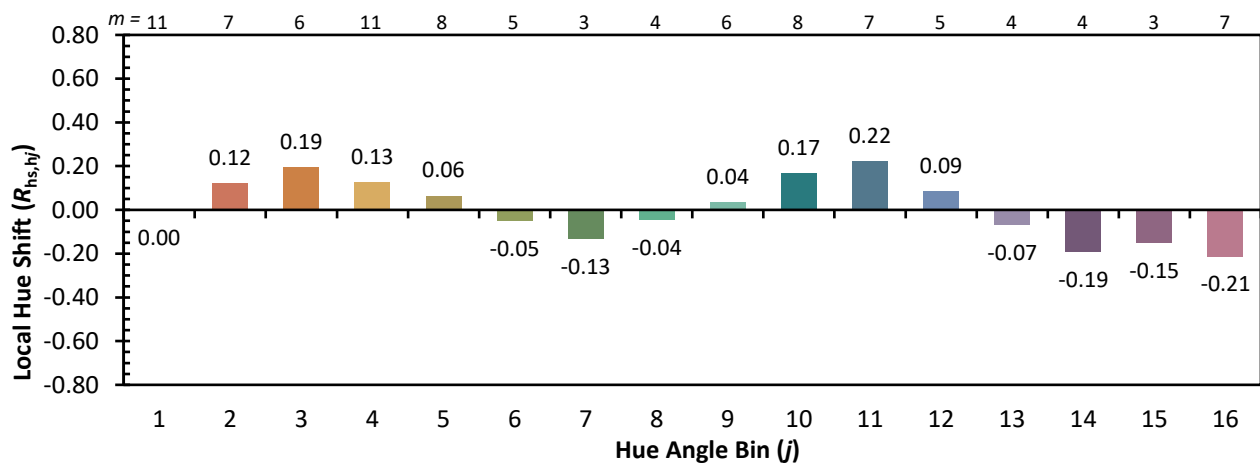
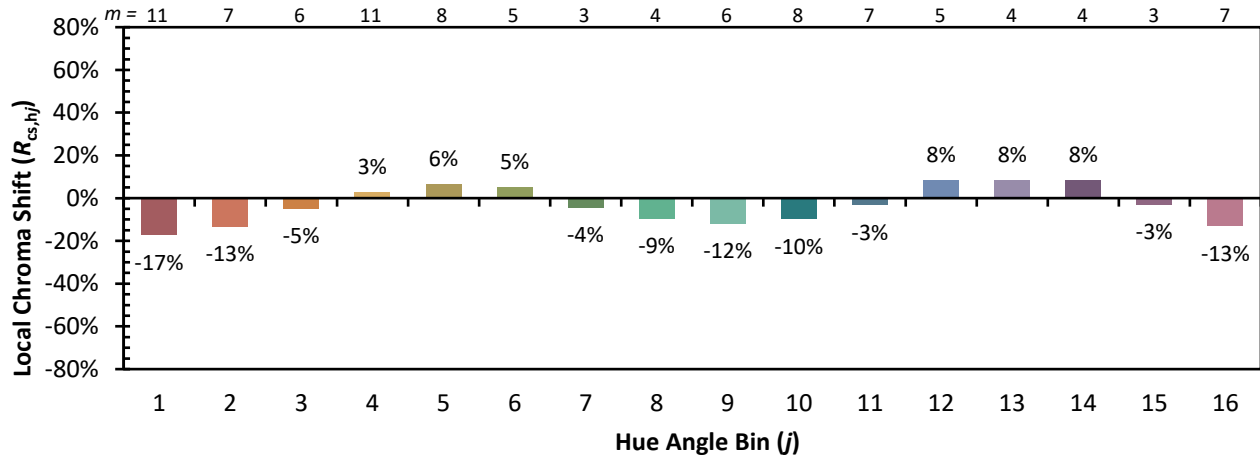
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Individual Sample Fidelity Index ($R_{f,i}$)

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	



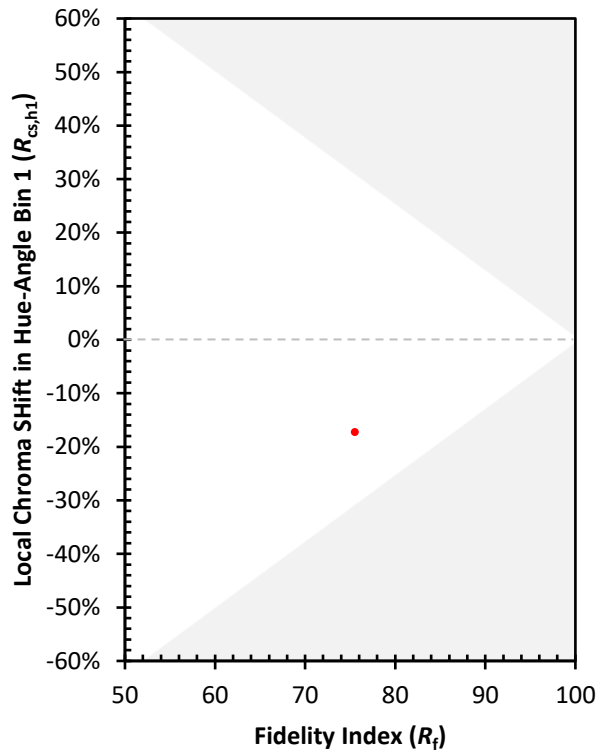
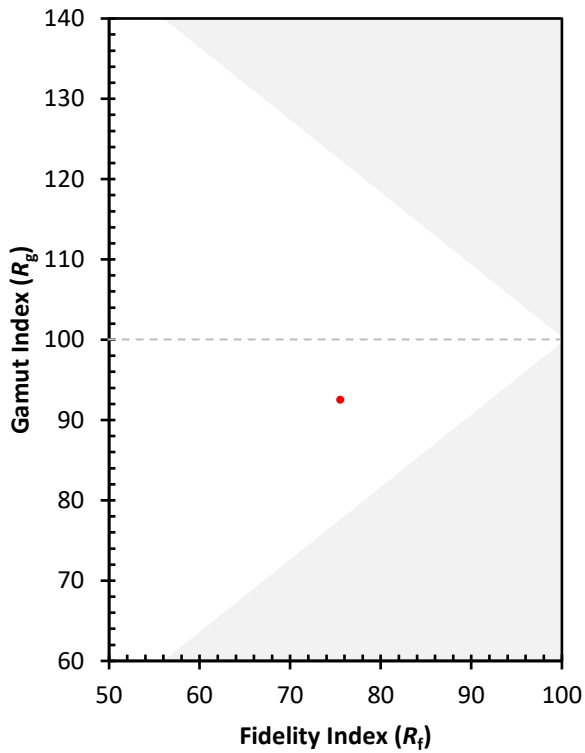
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)