

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: P856273

Luminaire Tested: **FFX-CLB-90-750-U-PG**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856273
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-90-750-U-PG
Description: FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE
Light Source: (6) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

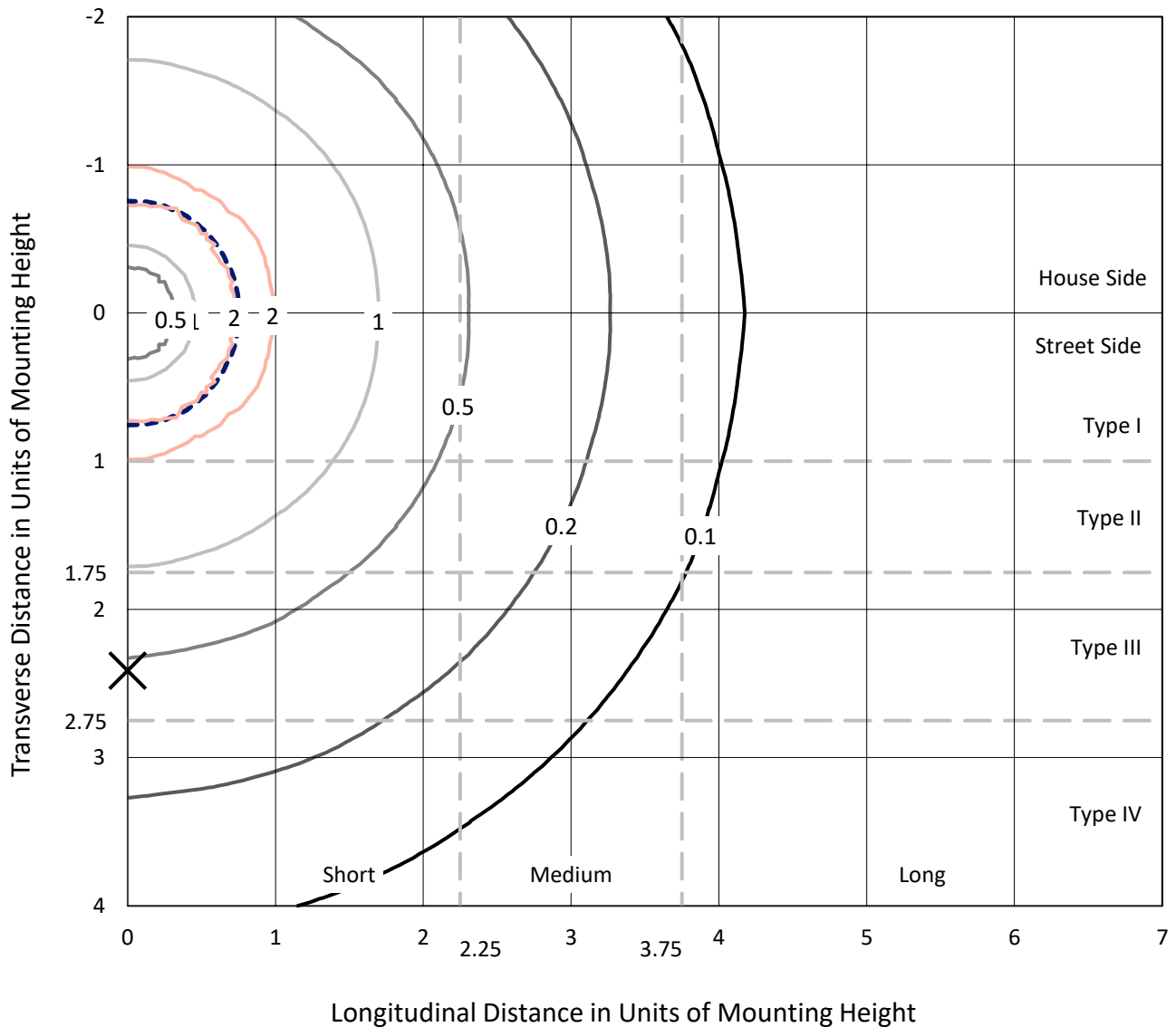
Lumens per Lamp: N/A
Luminaire Lumens: 14483.6 lumens
Efficiency: N/A
Efficacy: 160.4 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G5

Input Watts (W): 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

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Iso-Footcandle Lines of Horizontal Illumination

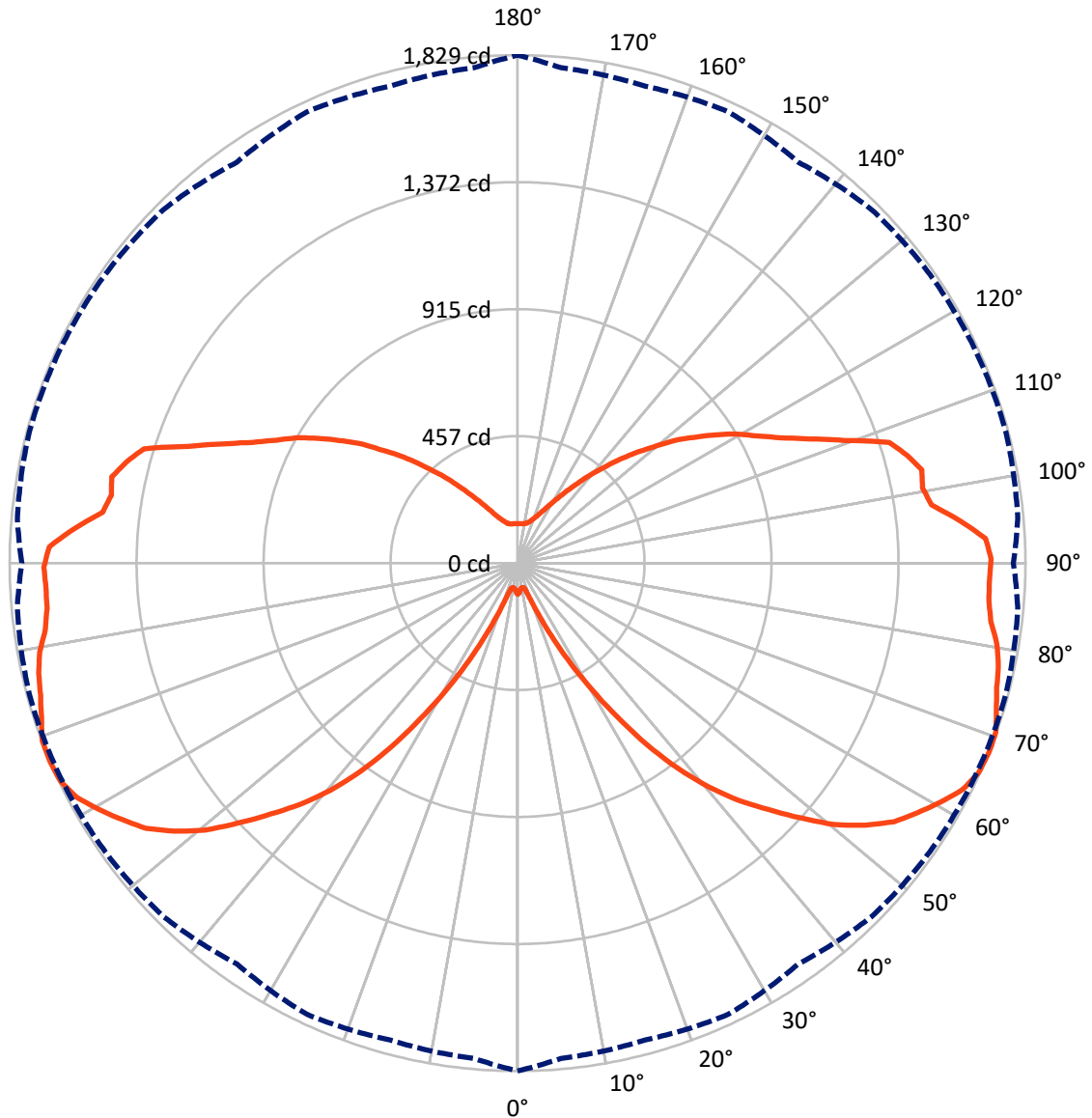
× Max cd
 - - - 1/2 Max cd



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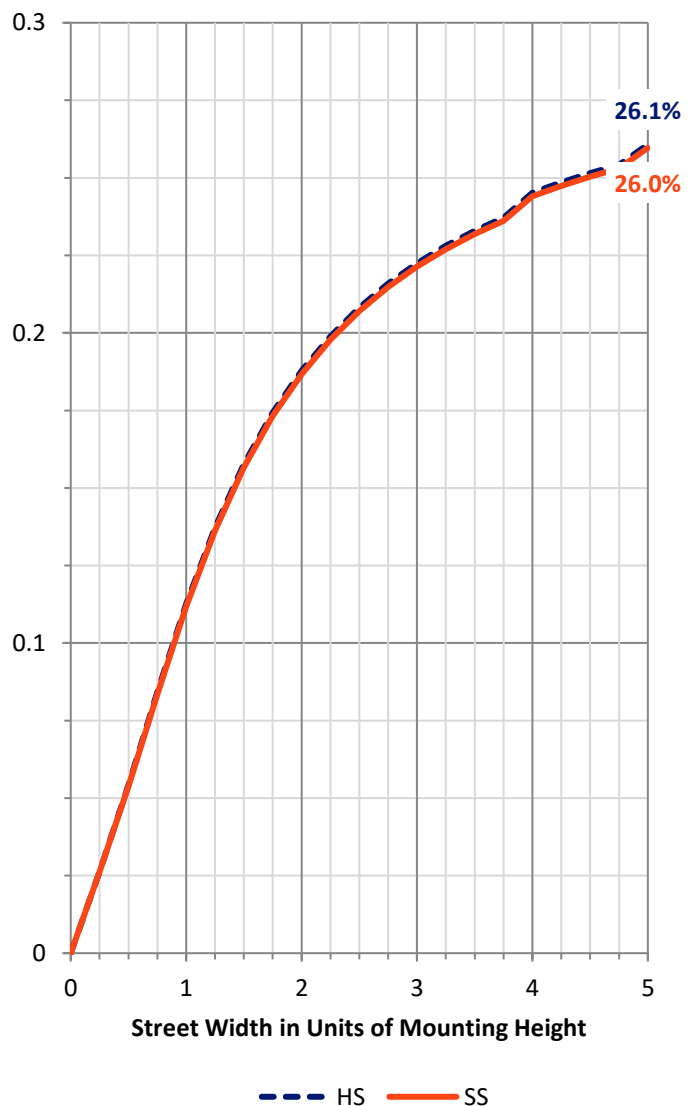
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4320.8	2921.0	7241.8
	% Fixture	29.8	20.2	50.0
Street Side	Lumens	4320.8	2921.0	7241.8
	% Fixture	29.8	20.2	50.0
Total	Lumens	8641.5	5842.0	14483.6
	% Fixture	59.7	40.3	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.4	0.1
10°-20°	30.9	0.2
20°-30°	154.7	1.1
30°-40°	508.2	3.5
40°-50°	983.0	6.8
50°-60°	1454.6	10.0
60°-70°	1768.4	12.2
70°-80°	1866.9	12.9
80°-90°	1865.5	12.9
90°-100°	1745.1	12.0
100°-110°	1552.5	10.7
110°-120°	1061.9	7.3
120°-130°	713.2	4.9
130°-140°	414.2	2.9
140°-150°	203.9	1.4
150°-160°	94.2	0.7
160°-170°	43.5	0.3
170°-180°	13.6	0.1
0°-90°	8641.5	59.7
0°-180°	14483.6	100.0



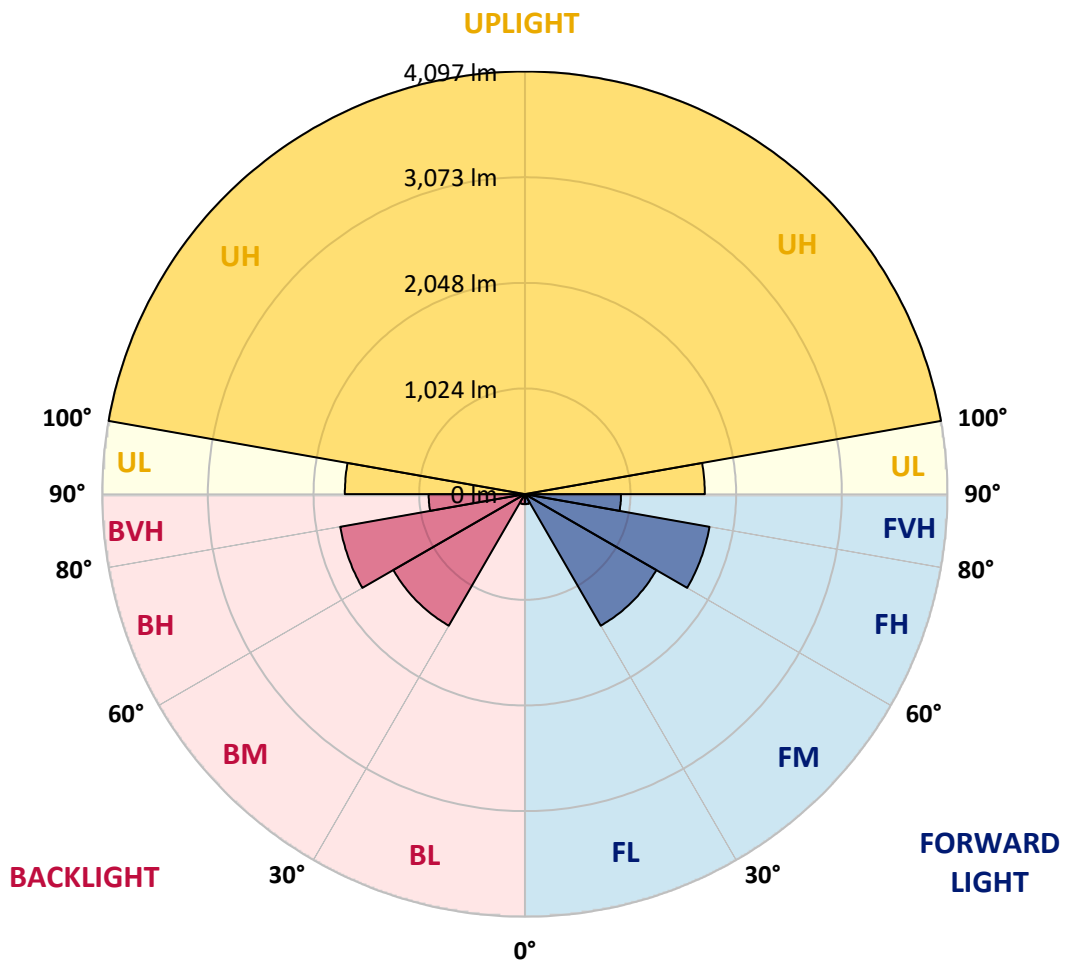
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	97.5	0.7			
FM (30°-60°)	1472.9	10.2			
FH (60°-80°)	1817.7	12.5			G2/5000
FVH (80°-90°)	932.7	6.4			G5
BL (0°-30°)	97.5	0.7	B0/110		
BM (30°-60°)	1472.9	10.2	B2/2500		
BH (60°-80°)	1817.7	12.5	B3/2500		G2/5000
BVH (80°-90°)	932.7	6.4			G5
UL (90°-100°)	1745.1	12.0		U5	
UH (100°-180°)	4096.9	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°	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4
2.5°	107.8	106.9	106.0	105.1	106.0	106.9	108.7	109.6	109.6	109.6	109.6
5°	97.8	98.7	99.6	100.5	100.5	100.5	100.5	101.4	102.3	102.3	102.3
7.5°	92.3	92.3	93.2	95.9	96.8	95.9	95.9	96.8	94.1	91.4	90.4
10°	89.5	89.5	90.4	91.4	92.3	94.1	95.0	95.0	95.0	95.0	94.1
12.5°	90.4	89.5	90.4	91.4	93.2	94.1	92.3	92.3	94.1	95.9	96.8
15°	95.0	94.1	94.1	95.9	96.8	96.8	95.0	95.0	95.9	97.8	97.8
17.5°	115.1	113.3	112.4	113.3	112.4	113.3	112.4	114.2	114.2	113.3	112.4
20°	157.1	155.3	152.6	151.7	152.6	155.3	156.2	159.0	156.2	155.3	151.7
22.5°	222.9	220.2	218.4	218.4	221.1	222.9	222.0	225.7	223.8	222.9	219.3
25°	307.0	305.1	306.1	310.6	315.2	312.5	305.1	310.6	310.6	309.7	308.8
27.5°	412.0	405.6	408.4	420.3	423.9	416.6	408.4	414.8	417.5	418.4	418.4
30°	531.7	527.2	526.2	539.0	543.6	537.2	531.7	539.0	539.0	541.8	541.8
32.5°	661.5	658.7	654.1	661.5	668.8	666.9	666.9	672.4	670.6	673.3	674.2
35°	804.0	798.5	789.4	790.3	798.5	799.4	805.8	809.5	807.6	806.7	806.7
37.5°	938.3	931.0	922.8	918.2	928.2	927.3	941.9	941.9	938.3	939.2	939.2
40°	1059.8	1055.2	1048.8	1036.0	1055.2	1051.6	1068.9	1068.9	1058.9	1061.6	1059.8
42.5°	1168.5	1168.5	1161.2	1142.0	1162.1	1158.5	1181.3	1181.3	1167.6	1166.7	1163.9
45°	1266.3	1270.8	1267.2	1249.8	1257.1	1259.9	1281.8	1277.2	1266.3	1266.3	1261.7
47.5°	1371.3	1375.9	1363.1	1344.8	1353.1	1357.6	1377.7	1375.9	1369.5	1361.3	1361.3
50°	1481.0	1481.9	1456.3	1434.4	1441.7	1465.4	1480.1	1483.7	1470.0	1450.8	1449.9
52.5°	1567.8	1573.2	1548.6	1524.8	1530.3	1557.7	1574.2	1575.1	1557.7	1530.3	1538.5
55°	1644.5	1650.0	1625.3	1604.3	1615.3	1629.9	1649.1	1638.1	1639.0	1609.8	1623.5
57.5°	1696.6	1714.9	1673.7	1669.2	1679.2	1696.6	1704.8	1702.1	1707.5	1680.1	1684.7
60°	1748.7	1756.9	1722.2	1728.6	1716.7	1747.7	1754.1	1760.5	1745.9	1726.7	1726.7
62.5°	1798.0	1777.9	1753.2	1768.8	1736.8	1776.1	1783.4	1790.7	1775.2	1756.9	1760.5
65°	1823.6	1787.0	1766.0	1785.2	1754.1	1789.8	1801.6	1804.4	1801.6	1784.3	1776.1
67.5°	1829.1	1790.7	1777.9	1793.4	1762.4	1801.6	1812.6	1818.1	1820.8	1808.0	1785.2
70°	1827.2	1786.1	1775.2	1789.8	1769.7	1806.2	1807.1	1815.4	1819.0	1824.5	1798.9
72.5°	1802.6	1766.9	1764.2	1777.0	1758.7	1782.5	1783.4	1793.4	1787.9	1805.3	1792.5
75°	1782.5	1758.7	1763.3	1760.5	1742.3	1756.0	1759.6	1771.5	1751.4	1767.8	1778.8
77.5°	1769.7	1756.9	1767.8	1753.2	1734.0	1743.2	1748.7	1762.4	1732.2	1745.9	1777.9
80°	1749.6	1745.9	1759.6	1737.7	1721.2	1729.5	1738.6	1750.5	1717.6	1726.7	1772.4
82.5°	1716.7	1719.4	1732.2	1706.6	1695.7	1704.8	1715.8	1734.0	1700.2	1705.7	1754.1
85°	1702.1	1713.9	1720.3	1694.8	1682.0	1687.4	1699.3	1718.5	1682.9	1691.1	1740.4
87.5°	1700.2	1714.9	1719.4	1697.5	1686.5	1694.8	1700.2	1727.6	1689.3	1699.3	1749.6
90°	1705.7	1711.2	1713.9	1694.8	1685.6	1698.4	1699.3	1733.1	1694.8	1697.5	1742.3
92.5°	1687.4	1688.4	1693.8	1676.5	1675.6	1684.7	1682.9	1711.2	1669.2	1662.8	1701.1
95°	1598.8	1591.5	1603.4	1594.3	1613.4	1627.1	1642.7	1678.3	1657.3	1662.8	1695.7
97.5°	1504.7	1506.5	1510.2	1495.6	1492.8	1498.3	1504.7	1523.0	1516.6	1522.1	1553.1
100°	1482.8	1489.2	1488.3	1481.0	1450.8	1444.4	1430.7	1411.5	1386.0	1389.6	1394.2
102.5°	1493.8	1511.1	1513.9	1523.9	1523.9	1519.3	1529.4	1521.2	1525.7	1552.2	1537.6
105°	1454.5	1474.6	1487.4	1498.3	1519.3	1536.7	1583.3	1611.6	1634.5	1666.4	1661.9
107.5°	1407.0	1417.0	1426.2	1426.2	1420.7	1417.9	1443.5	1448.1	1441.7	1449.9	1450.8
110°	1259.0	1258.0	1267.2	1263.5	1266.3	1251.7	1259.0	1283.6	1278.1	1294.6	1297.3



REPORT NUMBER: P856273
 CATALOG NUMBER: FFX-CLB-90-750-U-PG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1143.8	1143.8	1150.2	1141.1	1142.0	1130.1	1134.7	1151.2	1152.1	1165.8	1173.1
115°	1047.0	1045.2	1054.3	1047.0	1038.8	1036.0	1040.6	1050.7	1053.4	1062.5	1077.2
117.5°	974.8	965.7	973.0	973.9	977.6	970.3	981.2	987.6	991.3	998.6	1010.5
120°	915.4	906.3	909.0	918.2	929.1	913.6	925.5	931.0	933.7	936.5	941.9
122.5°	847.8	841.4	838.7	857.0	863.4	849.7	856.1	864.3	868.8	873.4	878.0
125°	779.3	773.8	771.1	787.5	793.9	783.0	792.1	804.0	802.2	812.2	803.1
127.5°	717.2	715.4	711.7	719.9	724.5	723.6	731.8	746.4	740.0	749.2	739.1
130°	643.2	650.5	645.0	655.1	656.0	663.3	666.0	679.7	673.3	675.2	668.8
132.5°	582.9	585.6	582.9	586.5	589.3	589.3	596.6	611.2	601.2	600.2	594.8
135°	521.7	522.6	518.9	524.4	526.2	521.7	529.0	539.9	534.5	531.7	531.7
137.5°	461.4	460.5	461.4	463.2	465.0	464.1	467.8	476.0	474.2	470.5	475.1
140°	410.2	407.5	408.4	409.3	408.4	408.4	412.0	419.3	419.3	414.8	419.3
142.5°	359.1	358.1	358.1	358.1	358.1	360.0	363.6	365.4	367.3	363.6	362.7
145°	316.1	315.2	314.3	314.3	314.3	315.2	318.9	317.9	321.6	317.9	315.2
147.5°	277.7	278.7	276.8	275.9	275.0	277.7	278.7	280.5	282.3	280.5	277.7
150°	246.7	245.8	245.8	243.9	243.9	246.7	245.8	247.6	249.4	248.5	247.6
152.5°	219.3	219.3	219.3	217.4	218.4	220.2	220.2	220.2	222.0	222.0	221.1
155°	197.3	197.3	197.3	196.4	196.4	198.3	198.3	198.3	199.2	199.2	199.2
157.5°	180.9	180.9	180.0	180.0	180.0	180.9	180.0	180.0	180.9	180.9	180.9
160°	168.1	168.1	167.2	167.2	166.3	167.2	166.3	166.3	167.2	167.2	167.2
162.5°	158.1	158.1	157.1	157.1	157.1	157.1	157.1	156.2	156.2	157.1	156.2
165°	150.7	150.7	150.7	150.7	150.7	150.7	150.7	149.8	149.8	149.8	149.8
167.5°	146.2	146.2	146.2	146.2	146.2	146.2	146.2	146.2	146.2	146.2	146.2
170°	143.4	143.4	143.4	144.4	144.4	144.4	143.4	143.4	144.4	144.4	143.4
172.5°	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5
175°	142.5	142.5	142.5	142.5	142.5	142.5	141.6	142.5	142.5	142.5	142.5
177.5°	142.5	141.6	141.6	142.5	142.5	141.6	141.6	141.6	141.6	141.6	141.6
180°	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5

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: SP1-2406-133-5

Test Date: 07/12/2024

Luminaire Tested: FFX-CLB-100-750-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-750-U-FR-T5.

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2406-133-5
 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-100-750-U-FR-T5**
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K): 4950
 CIE u': 0.2102
 CIE v': 0.4882
 Duv: 0.0025
 CIE x: 0.3471
 CIE y: 0.3583
 CIE z: 0.2946
 Peak Wavelength (nm): 452
 Dominant Wavelength (nm): 571
 Purity: 11.64963
 Rf: 74.8
 Rg: 92.4

CRI (Ra):	73.0		
R1:	69.1	R9:	-35.4
R2:	80.1	R10:	51.9
R3:	87.3	R11:	66.1
R4:	70.6	R12:	40.1
R5:	69.4	R13:	71.5
R6:	71.2	R14:	93.0
R7:	82.5	R15:	62.2
R8:	53.6		



Test Conditions

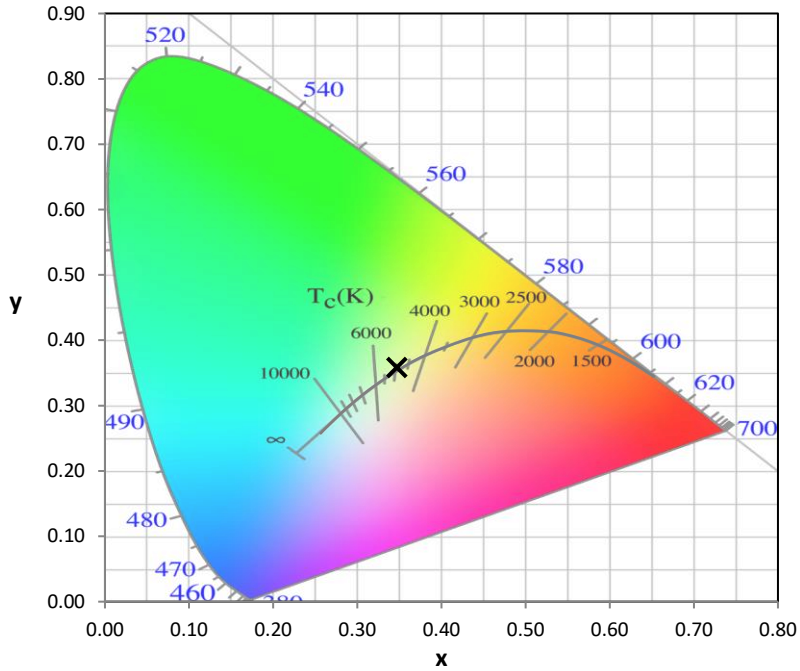
Stabilization Time: 0.803355M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

REPORT NUMBER: SP1-2406-133-5

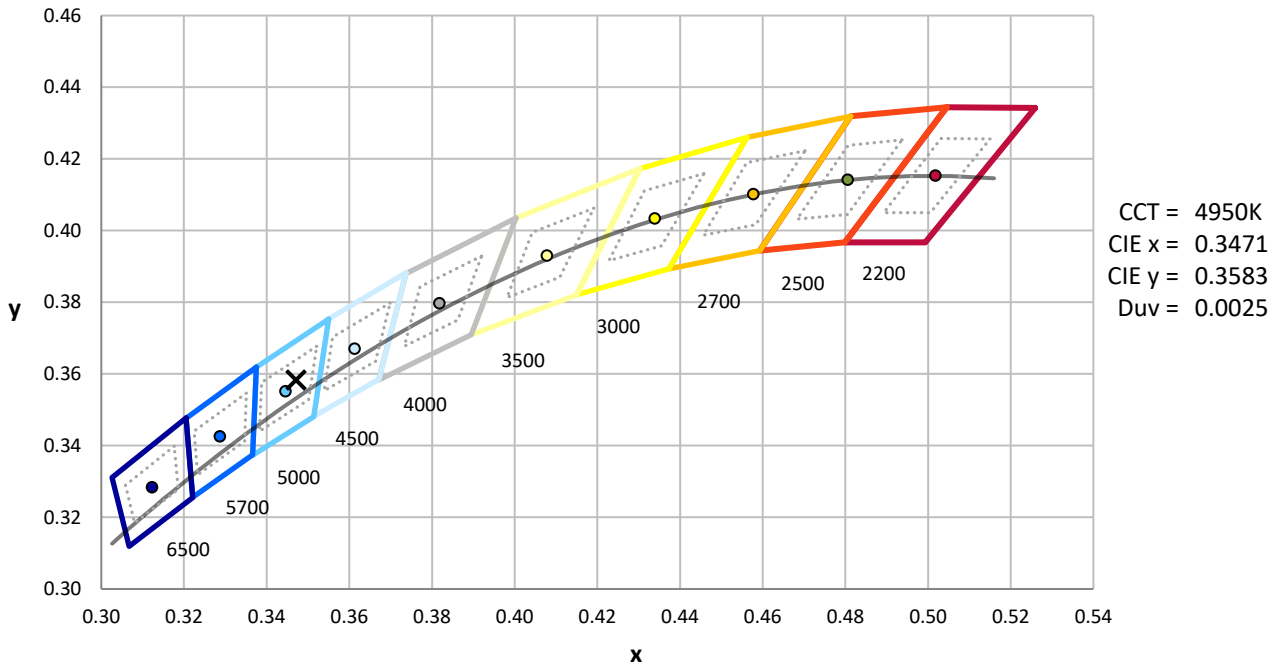
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



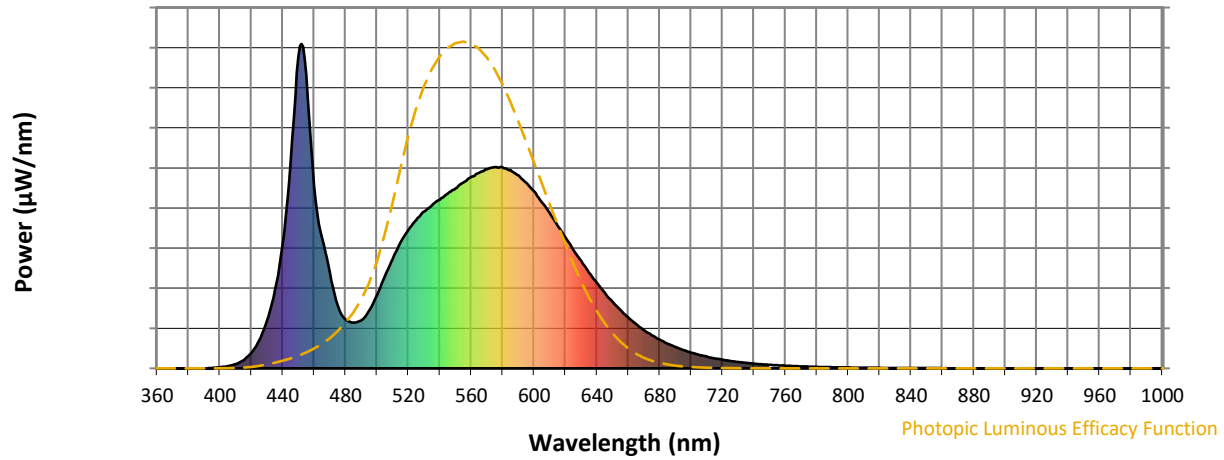
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.8

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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

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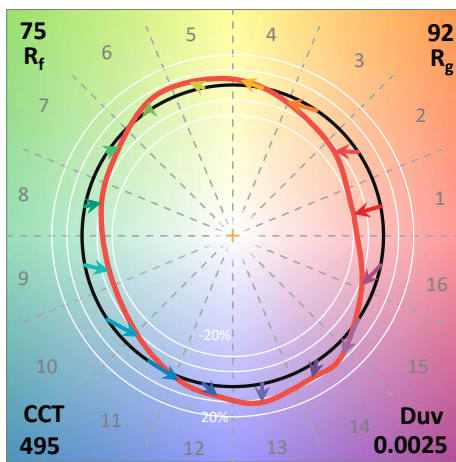
TM-30-18

Summary

$R_f = 74.8$
 $R_g = 92.4$
 CIE $R_a = 73.0$
 $R_9 = -35.4$



Color Vector Graphics

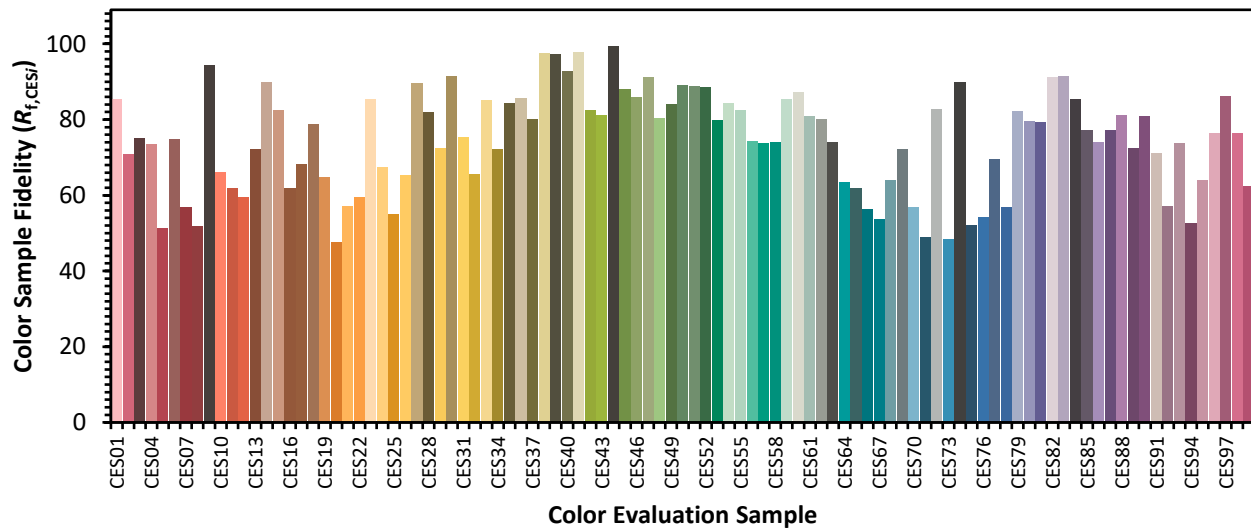


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Individual Sample Fidelity Index ($R_{f,i}$)

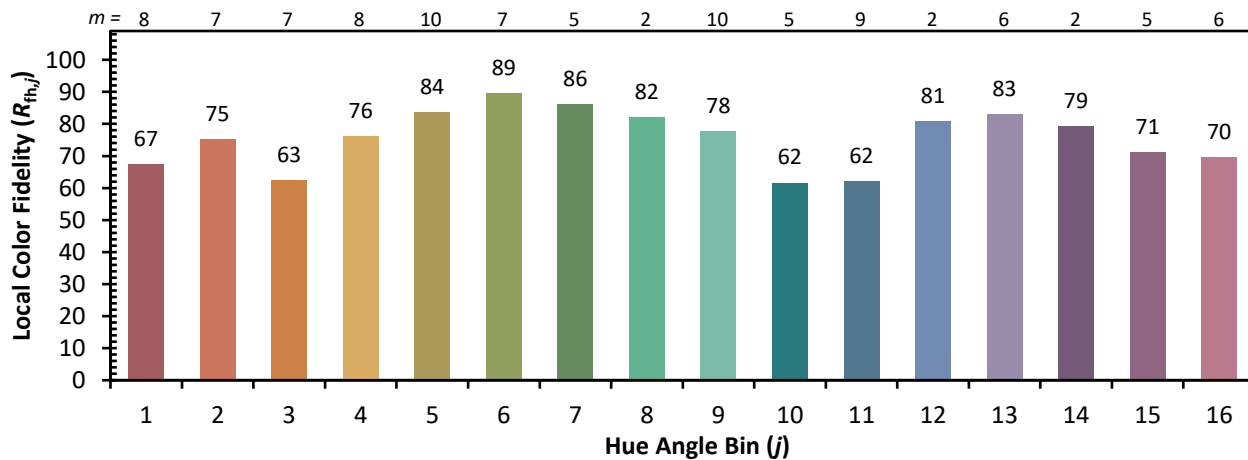
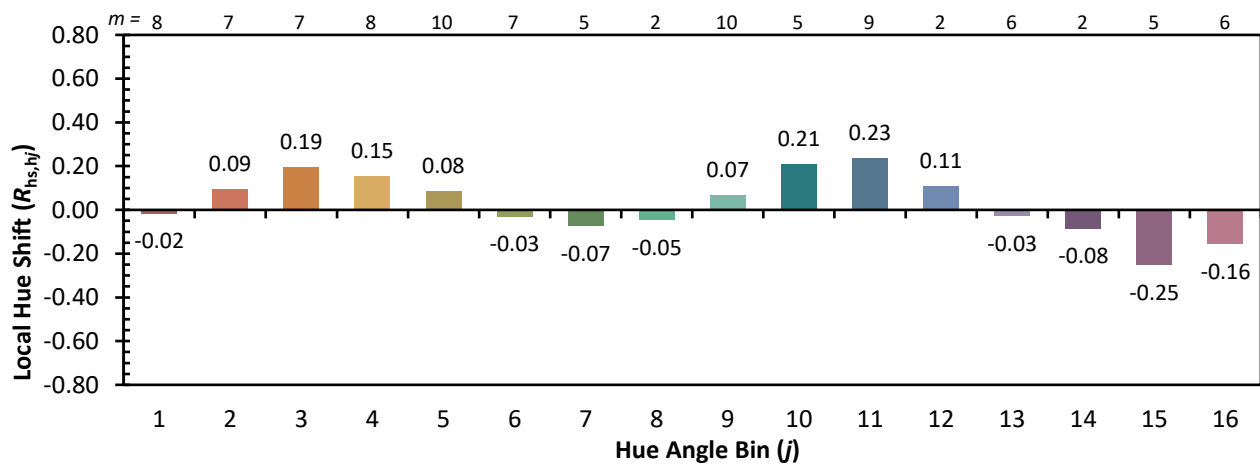
CES01 = 85	CES26 = 65	CES51 = 89	CES76 = 54
CES02 = 60	CES27 = 90	CES52 = 88	CES77 = 69
CES03 = 30	CES28 = 82	CES53 = 80	CES78 = 57
CES04 = 69	CES29 = 72	CES54 = 84	CES79 = 82
CES05 = 46	CES30 = 91	CES55 = 82	CES80 = 79
CES06 = 50	CES31 = 75	CES56 = 74	CES81 = 79
CES07 = 39	CES32 = 66	CES57 = 74	CES82 = 91
CES08 = 38	CES33 = 85	CES58 = 74	CES83 = 91
CES09 = 29	CES34 = 72	CES59 = 85	CES84 = 85
CES10 = 73	CES35 = 84	CES60 = 87	CES85 = 77
CES11 = 56	CES36 = 86	CES61 = 81	CES86 = 74
CES12 = 62	CES37 = 80	CES62 = 80	CES87 = 77
CES13 = 41	CES38 = 98	CES63 = 74	CES88 = 81
CES14 = 74	CES39 = 97	CES64 = 63	CES89 = 72
CES15 = 70	CES40 = 93	CES65 = 62	CES90 = 81
CES16 = 46	CES41 = 98	CES66 = 56	CES91 = 71
CES17 = 49	CES42 = 83	CES67 = 54	CES92 = 57
CES18 = 55	CES43 = 81	CES68 = 64	CES93 = 74
CES19 = 71	CES44 = 99	CES69 = 72	CES94 = 53
CES20 = 64	CES45 = 88	CES70 = 57	CES95 = 64
CES21 = 85	CES46 = 86	CES71 = 49	CES96 = 76
CES22 = 77	CES47 = 91	CES72 = 83	CES97 = 86
CES23 = 91	CES48 = 80	CES73 = 48	CES98 = 77
CES24 = 90	CES49 = 84	CES74 = 90	CES99 = 62
CES25 = 71	CES50 = 89	CES75 = 52	



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Color Rendition by Hue-Angle Bin



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Measure Comparisons



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