

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: P856272

Luminaire Tested: **FFX-CLB-100-750-U-PG**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856272
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-100-750-U-PG
Description: FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE
Light Source: (6) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

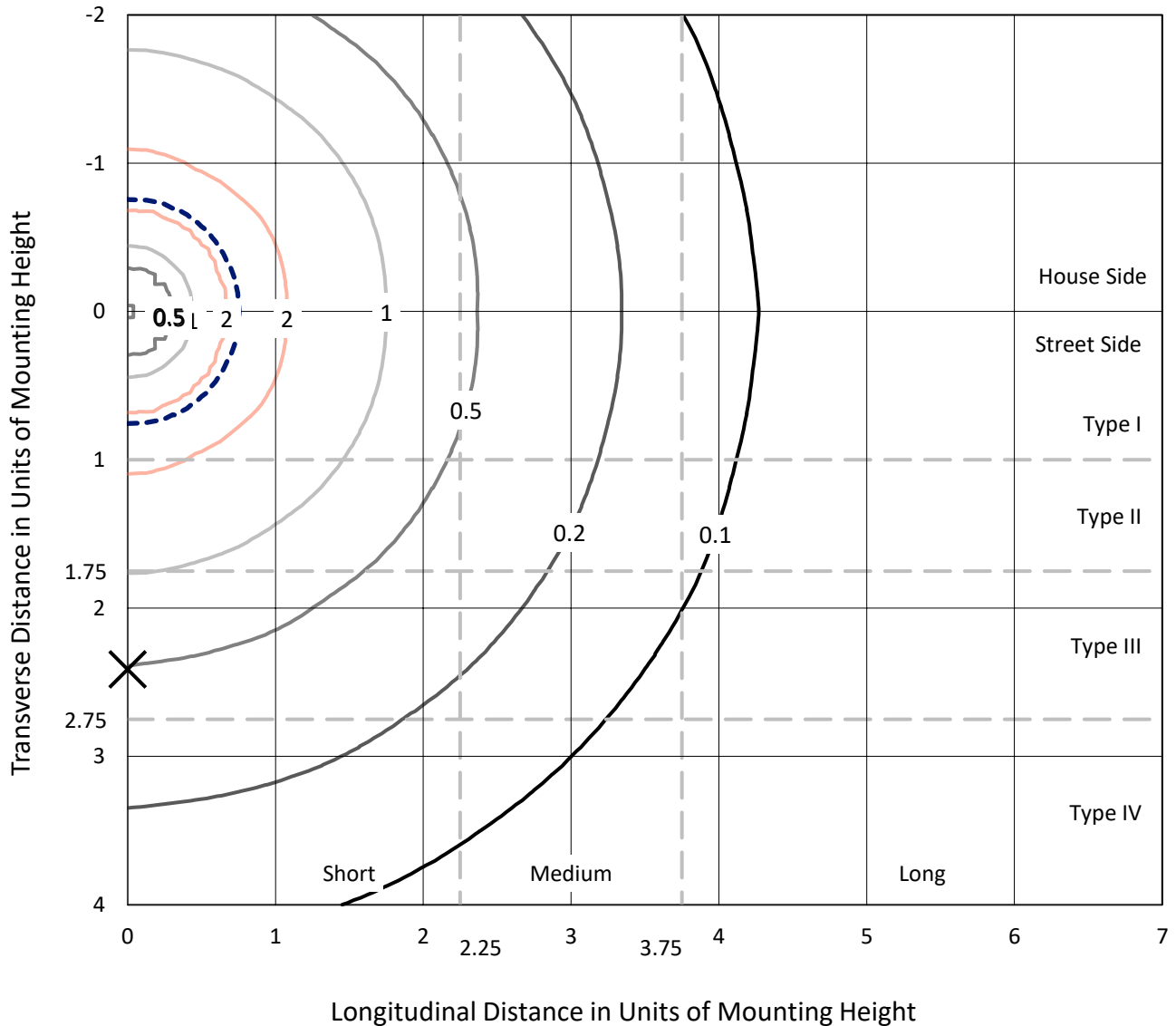
Lumens per Lamp: N/A
Luminaire Lumens: 15456.6 lumens
Efficiency: N/A
Efficacy: 160.3 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G5

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-100-750-U-PG

Iso-Footcandle Lines of Horizontal Illumination

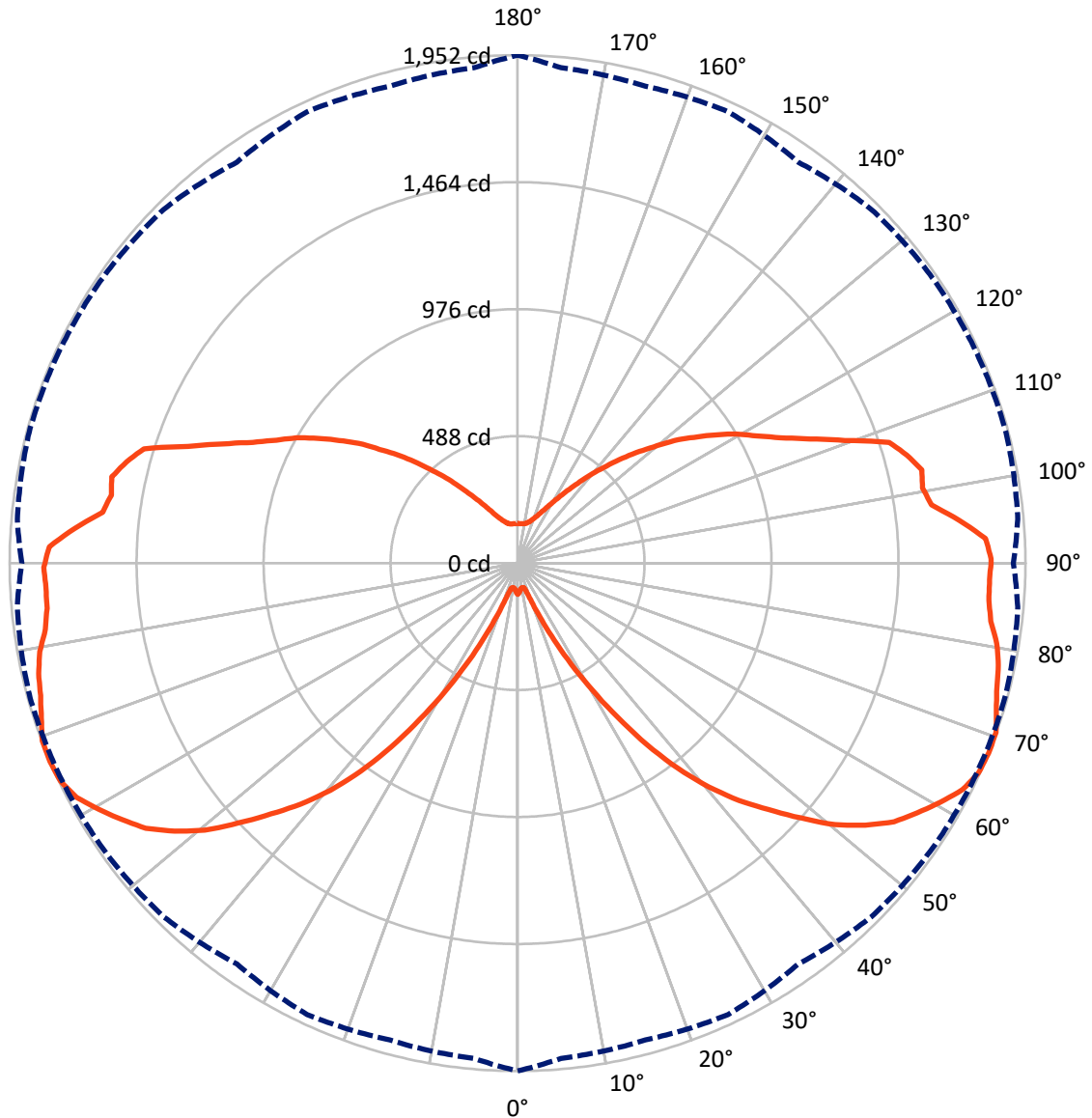
× Max cd
 - - - 1/2 Max cd



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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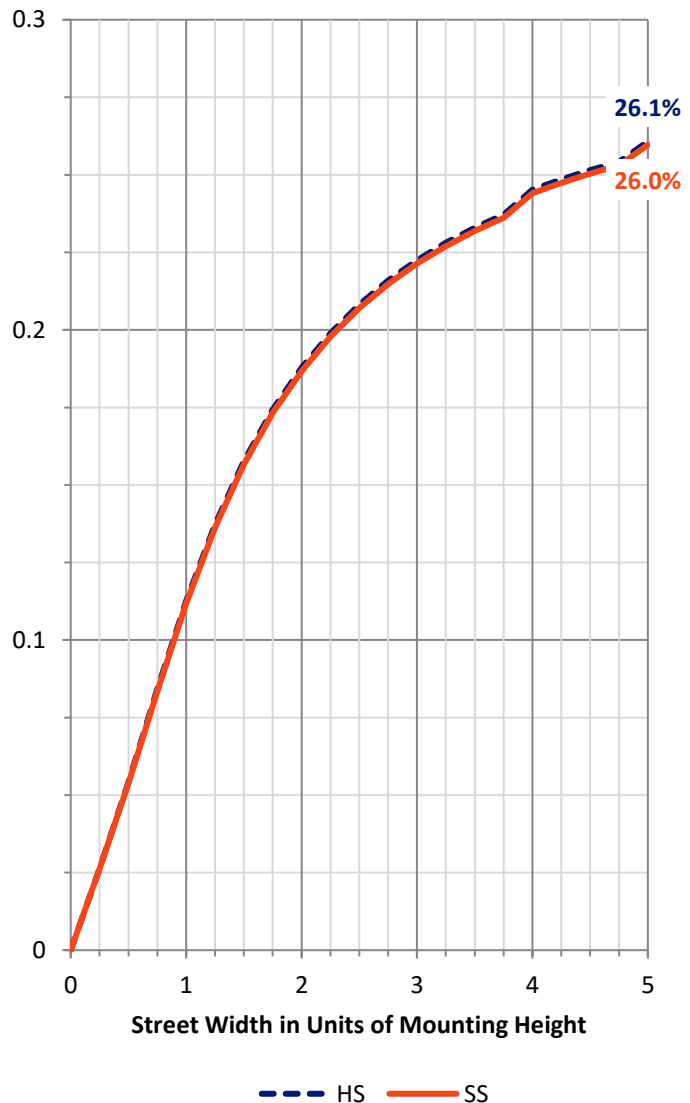
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4611.0	3117.2	7728.3
	% Fixture	29.8	20.2	50.0
Street Side	Lumens	4611.0	3117.2	7728.3
	% Fixture	29.8	20.2	50.0
Total	Lumens	9222.1	6234.5	15456.6
	% Fixture	59.7	40.3	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.0	0.1
10°-20°	33.0	0.2
20°-30°	165.1	1.1
30°-40°	542.4	3.5
40°-50°	1049.0	6.8
50°-60°	1552.3	10.0
60°-70°	1887.2	12.2
70°-80°	1992.4	12.9
80°-90°	1990.8	12.9
90°-100°	1862.4	12.0
100°-110°	1656.8	10.7
110°-120°	1133.2	7.3
120°-130°	761.1	4.9
130°-140°	442.0	2.9
140°-150°	217.6	1.4
150°-160°	100.5	0.7
160°-170°	46.4	0.3
170°-180°	14.5	0.1
0°-90°	9222.1	59.7
0°-180°	15456.6	100.0

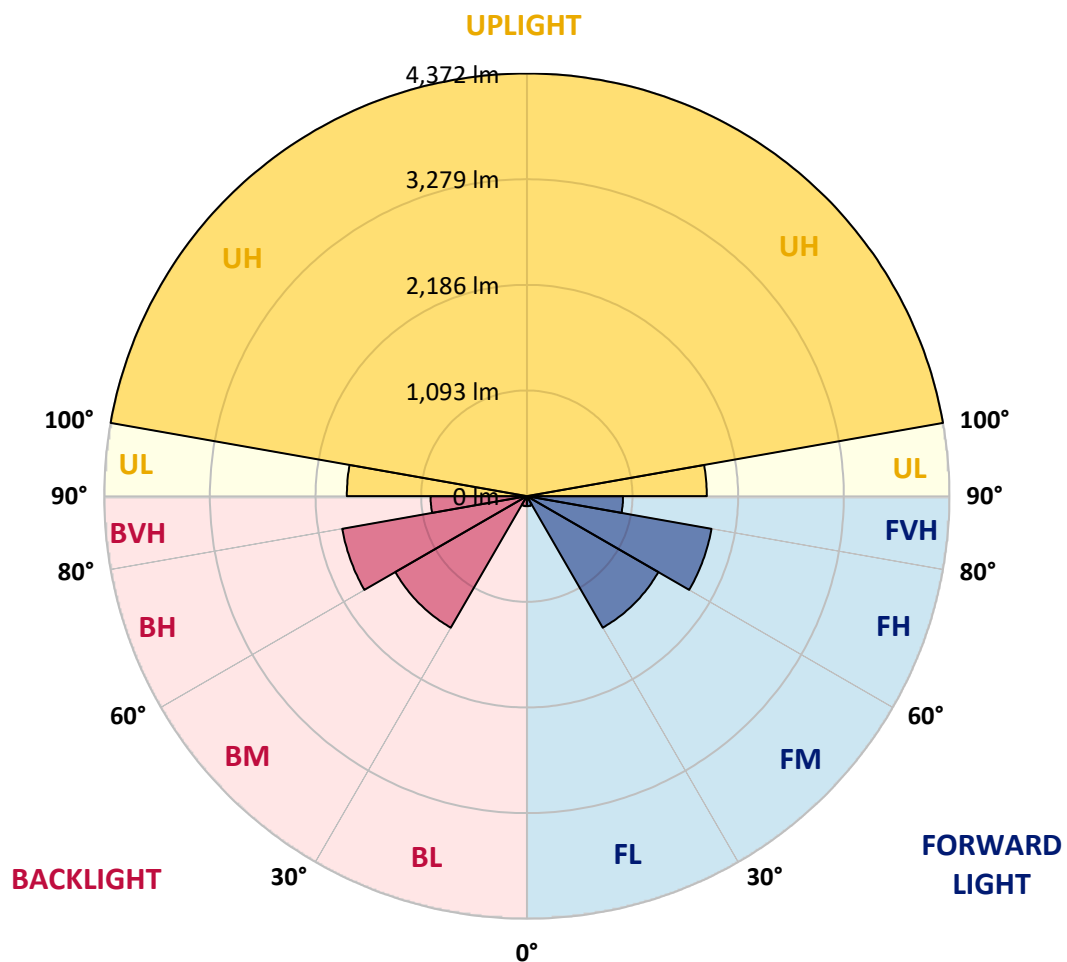


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	104.0	0.7			
FM (30°-60°)	1571.8	10.2			
FH (60°-80°)	1939.8	12.5			G2/5000
FVH (80°-90°)	995.4	6.4			G5
BL (0°-30°)	104.0	0.7	B0/110		
BM (30°-60°)	1571.8	10.2	B2/2500		
BH (60°-80°)	1939.8	12.5	B3/2500		G2/5000
BVH (80°-90°)	995.4	6.4			G5
UL (90°-100°)	1862.4	12.0		U5	
UH (100°-180°)	4372.1	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°	119.9	119.9	119.9	119.9	119.9	119.9	119.9	119.9	119.9	119.9	119.9
2.5°	115.0	114.1	113.1	112.1	113.1	114.1	116.0	117.0	117.0	117.0	117.0
5°	104.3	105.3	106.3	107.2	107.2	107.2	107.2	108.2	109.2	109.2	109.2
7.5°	98.5	98.5	99.4	102.4	103.3	102.4	102.4	103.3	100.4	97.5	96.5
10°	95.5	95.5	96.5	97.5	98.5	100.4	101.4	101.4	101.4	101.4	100.4
12.5°	96.5	95.5	96.5	97.5	99.4	100.4	98.5	98.5	100.4	102.4	103.3
15°	101.4	100.4	100.4	102.4	103.3	103.3	101.4	101.4	102.4	104.3	104.3
17.5°	122.8	120.9	119.9	120.9	119.9	120.9	119.9	121.9	121.9	120.9	119.9
20°	167.7	165.7	162.8	161.8	162.8	165.7	166.7	169.6	166.7	165.7	161.8
22.5°	237.9	235.0	233.0	233.0	235.9	237.9	236.9	240.8	238.9	237.9	234.0
25°	327.6	325.6	326.6	331.5	336.4	333.4	325.6	331.5	331.5	330.5	329.5
27.5°	439.7	432.9	435.8	448.5	452.4	444.6	435.8	442.6	445.6	446.5	446.5
30°	567.4	562.6	561.6	575.2	580.1	573.3	567.4	575.2	575.2	578.2	578.2
32.5°	705.9	703.0	698.1	705.9	713.7	711.7	711.7	717.6	715.6	718.6	719.5
35°	858.0	852.1	842.4	843.4	852.1	853.1	859.9	863.8	861.9	860.9	860.9
37.5°	1001.3	993.5	984.7	979.9	990.6	989.6	1005.2	1005.2	1001.3	1002.3	1002.3
40°	1131.0	1126.1	1119.3	1105.6	1126.1	1122.2	1140.7	1140.7	1130.0	1132.9	1131.0
42.5°	1247.0	1247.0	1239.2	1218.7	1240.2	1236.3	1260.7	1260.7	1246.0	1245.1	1242.1
45°	1351.3	1356.2	1352.3	1333.8	1341.6	1344.5	1367.9	1363.0	1351.3	1351.3	1346.5
47.5°	1463.5	1468.3	1454.7	1435.2	1444.0	1448.8	1470.3	1468.3	1461.5	1452.7	1452.7
50°	1580.5	1581.4	1554.1	1530.7	1538.5	1563.9	1579.5	1583.4	1568.8	1548.3	1547.3
52.5°	1673.1	1678.9	1652.6	1627.3	1633.1	1662.4	1679.9	1680.9	1662.4	1633.1	1641.9
55°	1755.0	1760.8	1734.5	1712.1	1723.8	1739.4	1759.9	1748.2	1749.1	1717.9	1732.6
57.5°	1810.6	1830.1	1786.2	1781.3	1792.0	1810.6	1819.3	1816.4	1822.3	1793.0	1797.9
60°	1866.1	1874.9	1837.9	1844.7	1832.0	1865.2	1872.0	1878.8	1863.2	1842.7	1842.7
62.5°	1918.8	1897.3	1871.0	1887.6	1853.5	1895.4	1903.2	1911.0	1894.4	1874.9	1878.8
65°	1946.1	1907.1	1884.7	1905.1	1872.0	1910.0	1922.7	1925.6	1922.7	1904.2	1895.4
67.5°	1951.9	1911.0	1897.3	1913.9	1880.8	1922.7	1934.4	1940.2	1943.2	1929.5	1905.1
70°	1950.0	1906.1	1894.4	1910.0	1888.6	1927.6	1928.5	1937.3	1941.2	1947.1	1919.8
72.5°	1923.7	1885.6	1882.7	1896.4	1876.9	1902.2	1903.2	1913.9	1908.1	1926.6	1912.9
75°	1902.2	1876.9	1881.7	1878.8	1859.3	1873.9	1877.8	1890.5	1869.1	1886.6	1898.3
77.5°	1888.6	1874.9	1886.6	1871.0	1850.5	1860.3	1866.1	1880.8	1848.6	1863.2	1897.3
80°	1867.1	1863.2	1877.8	1854.4	1836.9	1845.7	1855.4	1868.1	1833.0	1842.7	1891.5
82.5°	1832.0	1834.9	1848.6	1821.3	1809.6	1819.3	1831.0	1850.5	1814.5	1820.3	1872.0
85°	1816.4	1829.1	1835.9	1808.6	1795.0	1800.8	1813.5	1834.0	1795.9	1804.7	1857.4
87.5°	1814.5	1830.1	1834.9	1811.5	1799.8	1808.6	1814.5	1843.7	1802.8	1813.5	1867.1
90°	1820.3	1826.2	1829.1	1808.6	1798.9	1812.5	1813.5	1849.6	1808.6	1811.5	1859.3
92.5°	1800.8	1801.8	1807.6	1789.1	1788.1	1797.9	1795.9	1826.2	1781.3	1774.5	1815.4
95°	1706.2	1698.4	1711.1	1701.4	1721.8	1736.5	1753.0	1791.1	1768.6	1774.5	1809.6
97.5°	1605.8	1607.8	1611.7	1596.1	1593.1	1599.0	1605.8	1625.3	1618.5	1624.3	1657.5
100°	1582.4	1589.2	1588.3	1580.5	1548.3	1541.5	1526.8	1506.4	1479.1	1483.0	1487.8
102.5°	1594.1	1612.6	1615.6	1626.3	1626.3	1621.4	1632.1	1623.4	1628.2	1656.5	1640.9
105°	1552.2	1573.6	1587.3	1599.0	1621.4	1639.9	1689.7	1719.9	1744.3	1778.4	1773.5
107.5°	1501.5	1512.2	1522.0	1522.0	1516.1	1513.2	1540.5	1545.4	1538.5	1547.3	1548.3
110°	1343.5	1342.6	1352.3	1348.4	1351.3	1335.7	1343.5	1369.9	1364.0	1381.6	1384.5



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 CATALOG NUMBER: FFX-CLB-100-750-U-PG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1220.7	1220.7	1227.5	1217.8	1218.7	1206.1	1210.9	1228.5	1229.5	1244.1	1251.9
115°	1117.3	1115.4	1125.1	1117.3	1108.6	1105.6	1110.5	1121.2	1124.2	1133.9	1149.5
117.5°	1040.3	1030.6	1038.4	1039.3	1043.2	1035.4	1047.1	1054.0	1057.9	1065.7	1078.3
120°	976.9	967.2	970.1	979.9	991.6	975.0	987.7	993.5	996.4	999.4	1005.2
122.5°	904.8	898.0	895.0	914.5	921.4	906.7	913.6	922.3	927.2	932.1	937.0
125°	831.7	825.8	822.9	840.4	847.3	835.6	845.3	858.0	856.0	866.8	857.0
127.5°	765.4	763.4	759.5	768.3	773.2	772.2	781.0	796.6	789.7	799.5	788.8
130°	686.4	694.2	688.3	699.1	700.0	707.8	710.8	725.4	718.6	720.5	713.7
132.5°	622.0	625.0	622.0	625.9	628.9	628.9	636.7	652.3	641.5	640.6	634.7
135°	556.7	557.7	553.8	559.6	561.6	556.7	564.5	576.2	570.4	567.4	567.4
137.5°	492.4	491.4	492.4	494.3	496.3	495.3	499.2	508.0	506.0	502.1	507.0
140°	437.8	434.8	435.8	436.8	435.8	435.8	439.7	447.5	447.5	442.6	447.5
142.5°	383.2	382.2	382.2	382.2	382.2	384.1	388.0	390.0	391.9	388.0	387.1
145°	337.3	336.4	335.4	335.4	335.4	336.4	340.3	339.3	343.2	339.3	336.4
147.5°	296.4	297.4	295.4	294.4	293.5	296.4	297.4	299.3	301.3	299.3	296.4
150°	263.2	262.3	262.3	260.3	260.3	263.2	262.3	264.2	266.2	265.2	264.2
152.5°	234.0	234.0	234.0	232.0	233.0	235.0	235.0	235.0	236.9	236.9	235.9
155°	210.6	210.6	210.6	209.6	209.6	211.6	211.6	211.6	212.5	212.5	212.5
157.5°	193.0	193.0	192.1	192.1	192.1	193.0	192.1	192.1	193.0	193.0	193.0
160°	179.4	179.4	178.4	178.4	177.4	178.4	177.4	177.4	178.4	178.4	178.4
162.5°	168.7	168.7	167.7	167.7	167.7	167.7	167.7	166.7	166.7	167.7	166.7
165°	160.9	160.9	160.9	160.9	160.9	160.9	160.9	159.9	159.9	159.9	159.9
167.5°	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0
170°	153.1	153.1	153.1	154.0	154.0	154.0	153.1	153.1	154.0	154.0	153.1
172.5°	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1
175°	152.1	152.1	152.1	152.1	152.1	152.1	151.1	152.1	152.1	152.1	152.1
177.5°	152.1	151.1	151.1	152.1	152.1	151.1	151.1	151.1	151.1	151.1	151.1
180°	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1

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
 R_f: 74.8
 R_g: 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

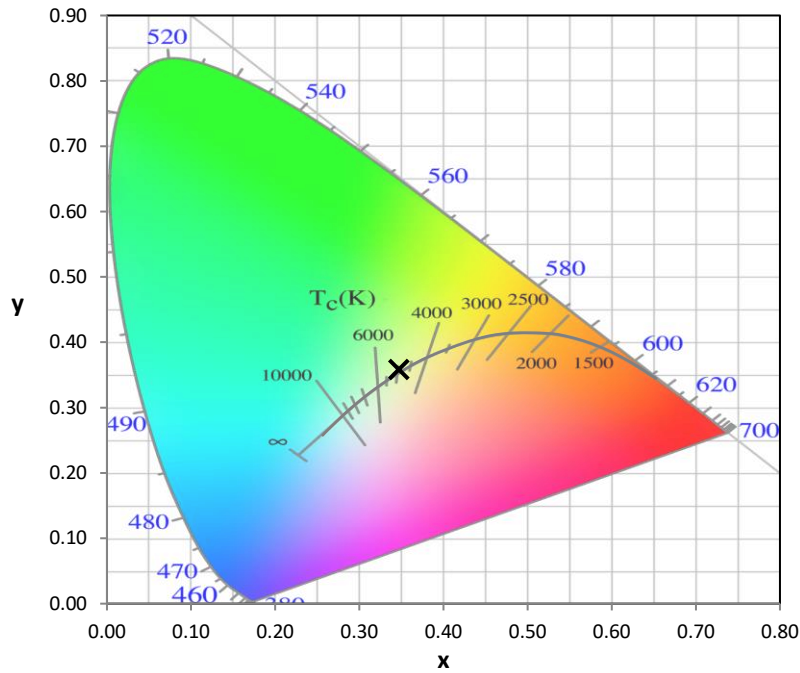
Stabilization Time: 0.803355M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

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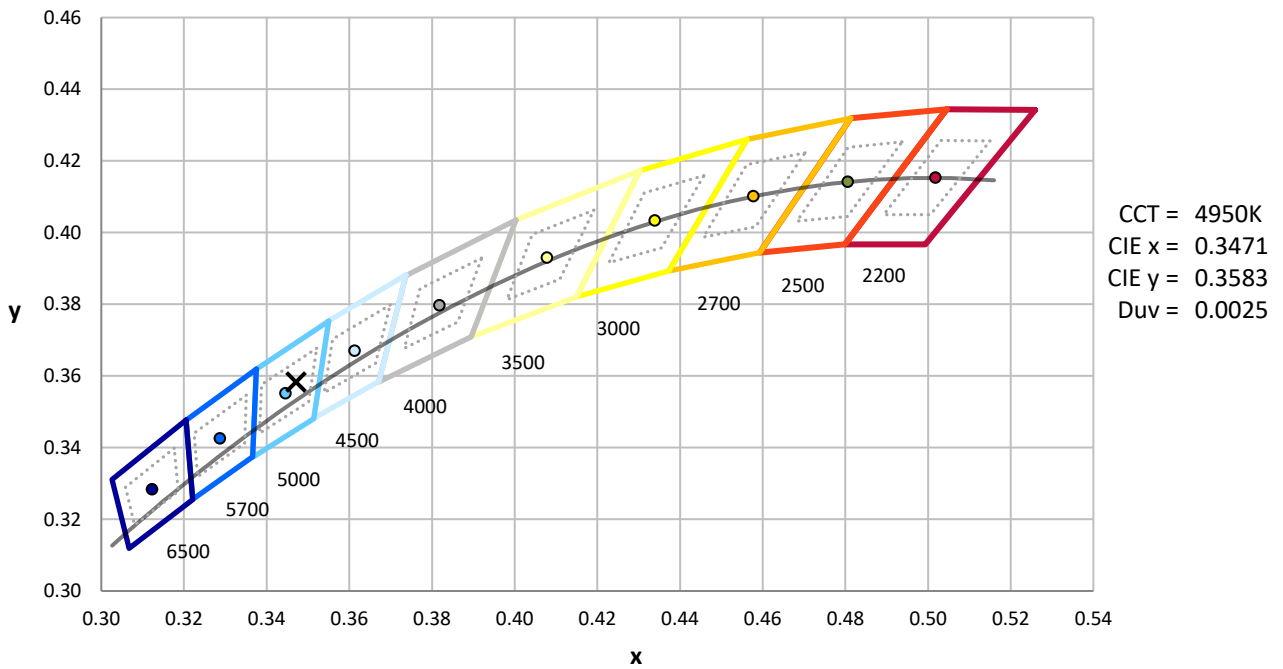
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



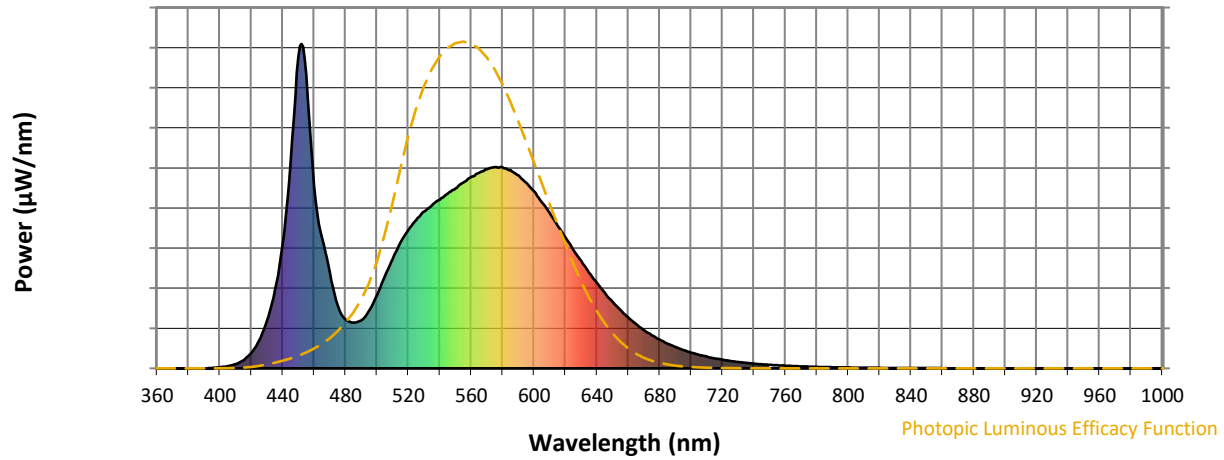
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 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	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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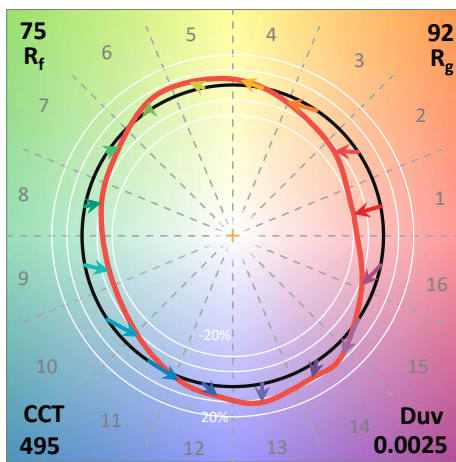
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Summary

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



Color Vector Graphics



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

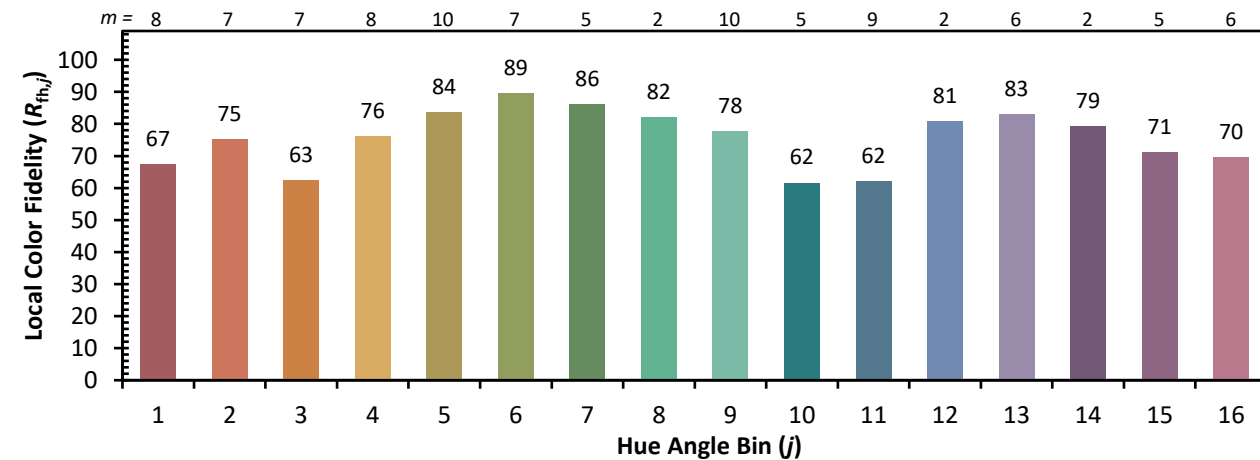
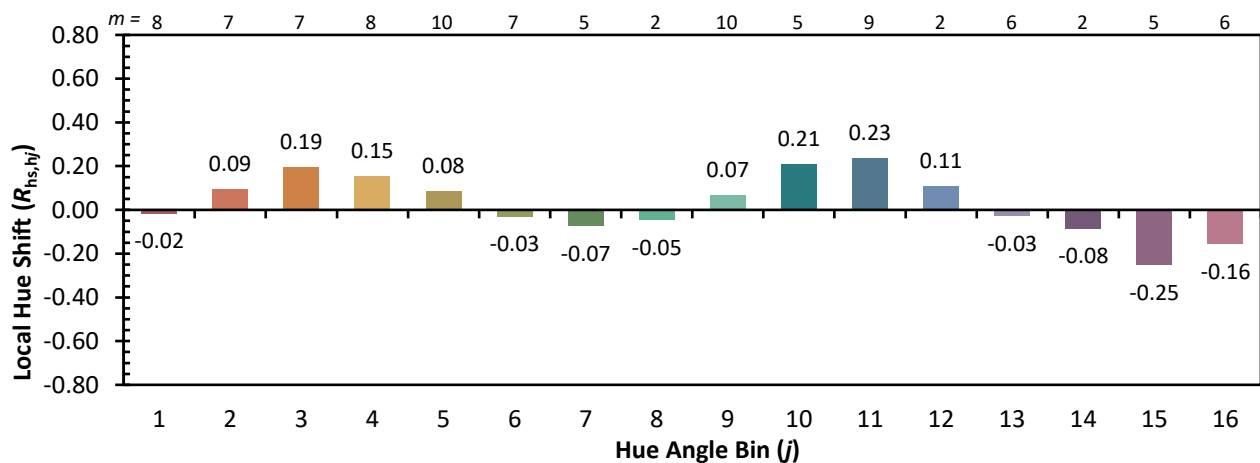
CES01 = 85	CES26 = 65	CES51 = 89	CES76 = 54
CES02 = 60	CES27 = 90	CES52 = 88	CES77 = 69
CES03 = 30	CES28 = 82	CES53 = 80	CES78 = 57
CES04 = 69	CES29 = 72	CES54 = 84	CES79 = 82
CES05 = 46	CES30 = 91	CES55 = 82	CES80 = 79
CES06 = 50	CES31 = 75	CES56 = 74	CES81 = 79
CES07 = 39	CES32 = 66	CES57 = 74	CES82 = 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



(END OF REPORT)