

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: P856317

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

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856317  
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-FG  
Description: FAIRFAX POST TOP FIXTURE w/ FROSTED GLOBE  
Light Source: (6) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

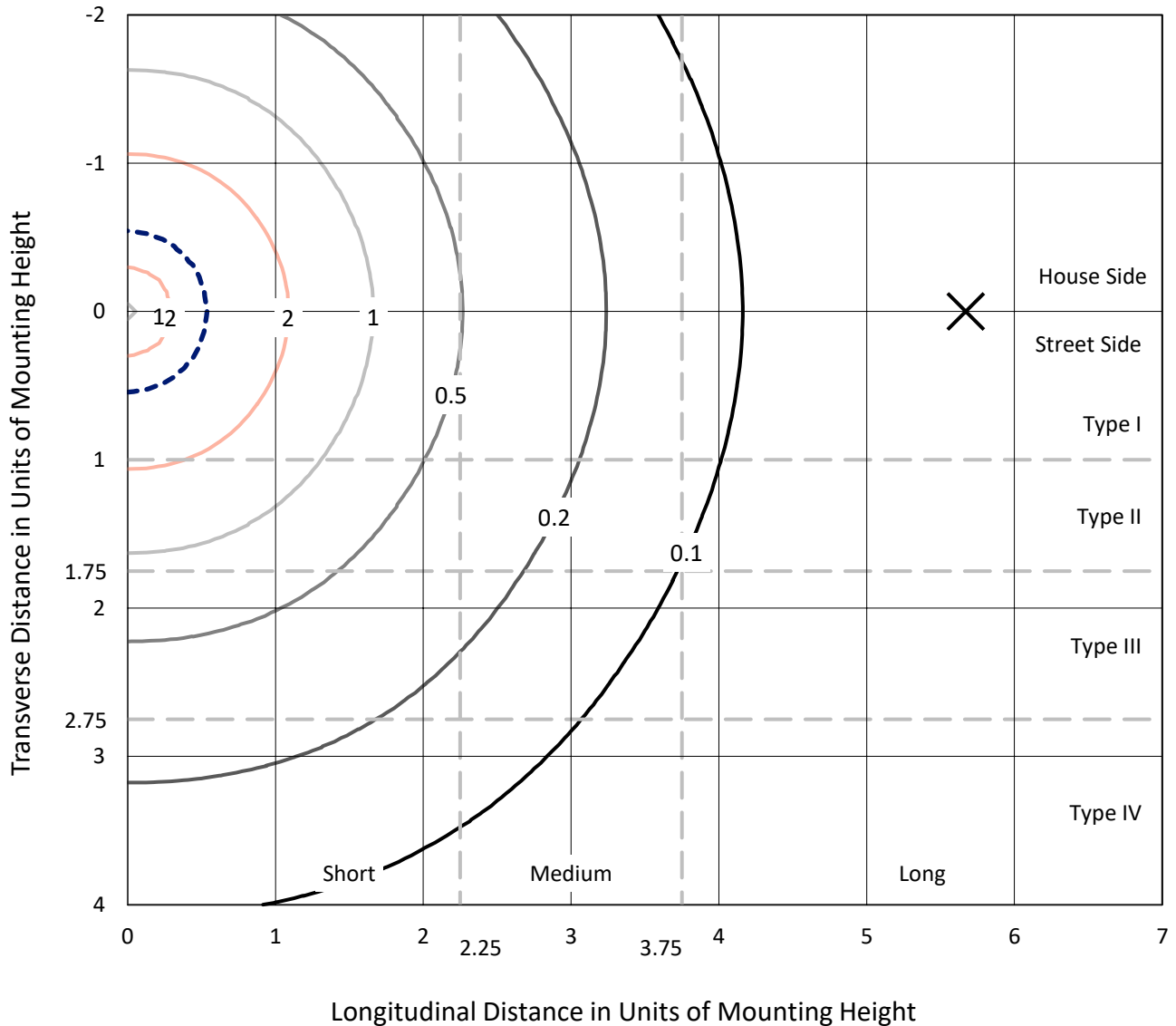
Lumens per Lamp: N/A  
Luminaire Lumens: 15844.3 lumens  
Efficiency: N/A  
Efficacy: 164.4 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')  
IES Classification: Type V - Short  
BUG Rating: B3 - U5 - G5

Input Watts (W): 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

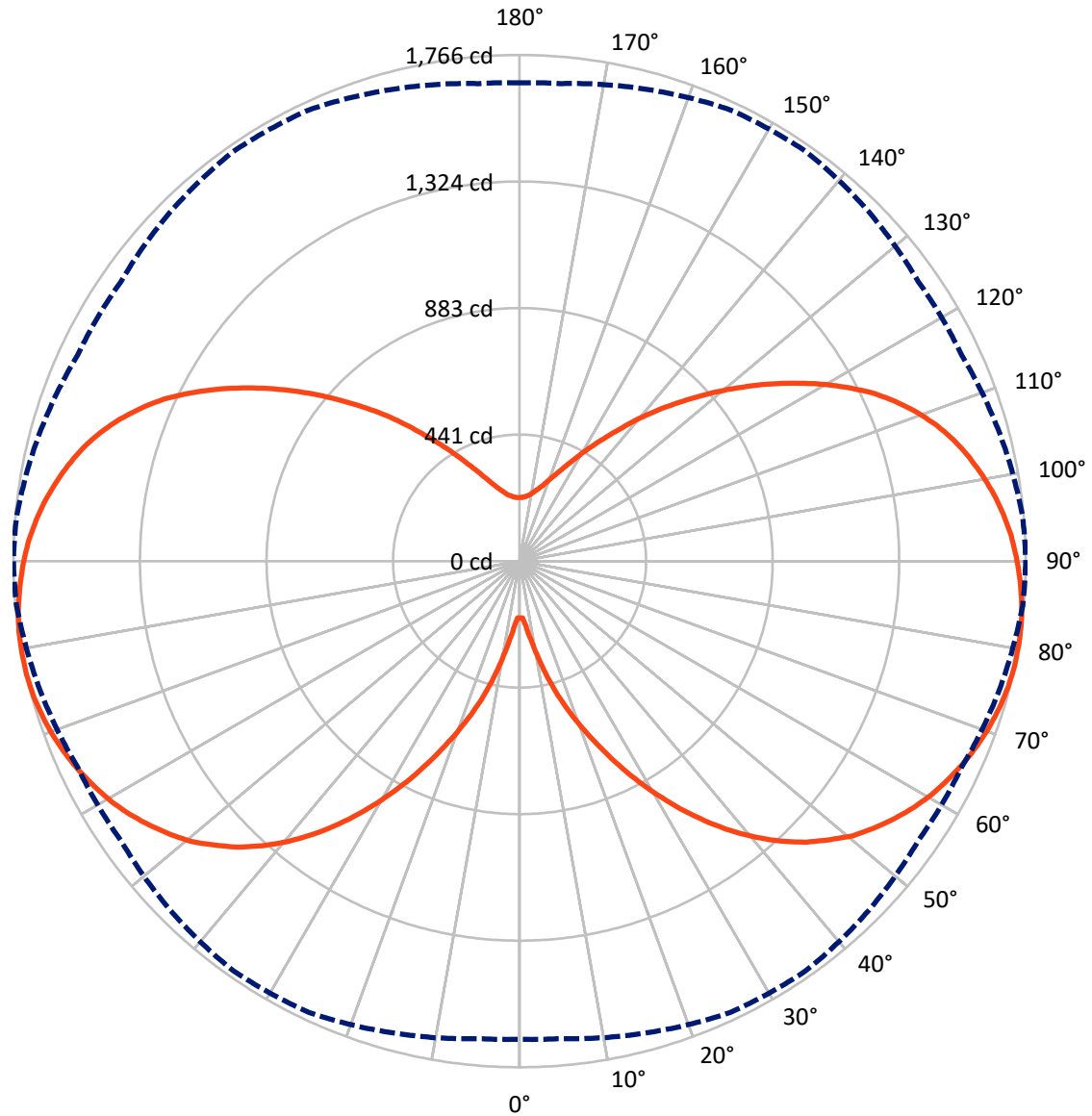
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.7 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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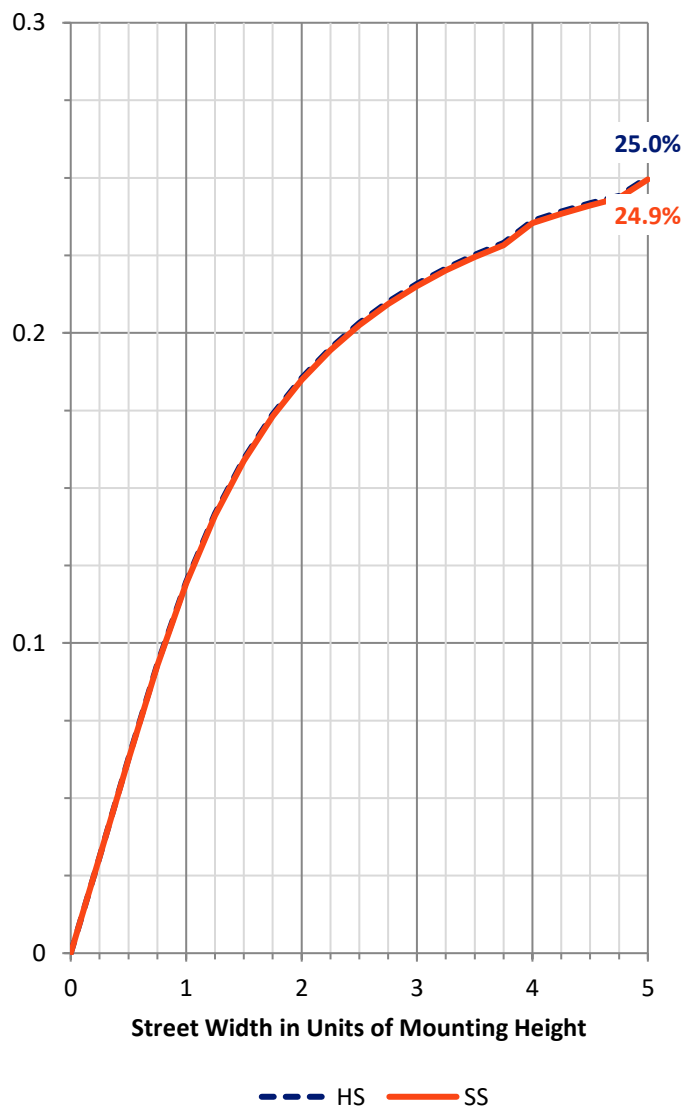
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4507.9	3414.3	7922.1
	% Fixture	28.5	21.5	50.0
<b>Street Side</b>	Lumens	4507.9	3414.3	7922.1
	% Fixture	28.5	21.5	50.0
<b>Total</b>	Lumens	9015.7	6828.6	15844.3
	% Fixture	56.9	43.1	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	25.2	0.2
10°-20°	138.3	0.9
20°-30°	363.5	2.3
30°-40°	695.0	4.4
40°-50°	1068.3	6.7
50°-60°	1399.6	8.8
60°-70°	1651.8	10.4
70°-80°	1812.2	11.4
80°-90°	1861.9	11.8
90°-100°	1793.8	11.3
100°-110°	1608.4	10.2
110°-120°	1307.0	8.2
120°-130°	933.9	5.9
130°-140°	590.6	3.7
140°-150°	330.8	2.1
150°-160°	166.5	1.1
160°-170°	75.7	0.5
170°-180°	22.0	0.1
0°-90°	9015.7	56.9
0°-180°	15844.3	100.0

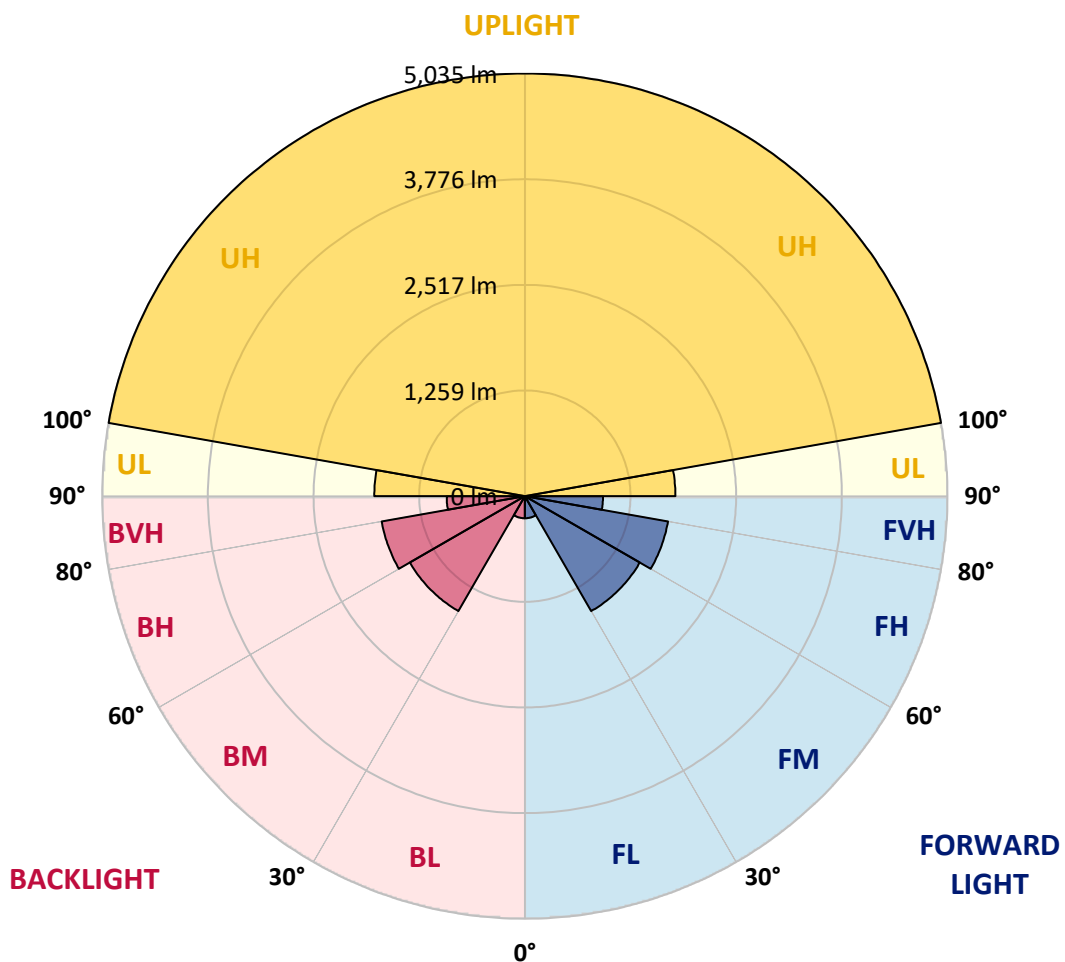


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	263.5	1.7			
FM (30°-60°)	1581.5	10.0			
FH (60°-80°)	1732.0	10.9			G1/1800
FVH (80°-90°)	930.9	5.9			G5
BL (0°-30°)	263.5	1.7	B1/500		
BM (30°-60°)	1581.5	10.0	B2/2500		
BH (60°-80°)	1732.0	10.9	B3/2500		G1/1800
BVH (80°-90°)	930.9	5.9			G5
UL (90°-100°)	1793.8	11.3		U5	
UH (100°-180°)	5034.8	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°	198.9	198.9	198.9	198.9	198.9	198.9	198.9	198.9	198.9	198.9	198.9
2.5°	208.7	208.7	207.7	205.7	204.8	203.8	201.8	198.9	197.9	197.9	197.9
5°	227.2	228.2	228.2	227.2	228.2	226.2	226.2	224.3	225.2	225.2	226.2
7.5°	273.0	273.0	274.0	274.0	275.0	273.0	274.0	273.0	274.0	274.0	273.0
10°	332.5	332.5	334.4	332.5	333.5	331.5	330.5	330.5	333.5	332.5	331.5
12.5°	399.8	401.7	400.7	399.8	401.7	399.8	397.8	398.8	402.7	400.7	399.8
15°	470.9	472.9	474.8	471.9	472.9	471.9	470.9	471.9	475.8	473.9	472.9
17.5°	543.1	544.1	546.0	542.1	543.1	544.1	543.1	544.1	547.0	546.0	545.0
20°	615.3	617.2	619.2	615.3	616.2	617.2	616.2	617.2	621.1	619.2	618.2
22.5°	691.3	692.3	696.2	691.3	693.3	694.2	692.3	694.2	698.1	696.2	695.2
25°	770.3	769.3	775.2	771.3	772.2	774.2	772.2	774.2	779.1	779.1	776.1
27.5°	851.2	851.2	856.1	853.2	855.1	854.1	856.1	858.0	862.9	863.9	861.0
30°	932.1	932.1	939.9	935.1	938.0	939.0	939.0	940.9	946.8	948.7	944.8
32.5°	1013.1	1013.1	1017.0	1017.9	1019.9	1020.9	1022.8	1022.8	1030.6	1031.6	1029.6
35°	1092.0	1092.0	1095.9	1097.9	1102.8	1100.8	1103.7	1103.7	1112.5	1113.5	1112.5
37.5°	1167.1	1168.1	1173.0	1174.9	1178.8	1178.8	1180.8	1182.7	1190.5	1193.5	1192.5
40°	1238.3	1240.3	1244.2	1248.1	1252.0	1252.0	1252.9	1255.9	1264.6	1267.6	1266.6
42.5°	1302.7	1303.6	1309.5	1315.3	1319.2	1319.2	1320.2	1322.2	1331.9	1335.8	1335.8
45°	1359.2	1362.1	1369.9	1377.7	1381.6	1380.7	1380.7	1383.6	1394.3	1399.2	1399.2
47.5°	1411.9	1415.8	1424.5	1432.3	1436.2	1436.2	1435.3	1438.2	1449.9	1455.7	1452.8
50°	1458.7	1461.6	1471.3	1483.0	1486.0	1486.0	1483.0	1486.0	1498.6	1506.4	1506.4
52.5°	1497.7	1500.6	1512.3	1525.0	1528.9	1527.9	1524.0	1526.9	1539.6	1548.4	1547.4
55°	1530.8	1534.7	1547.4	1563.0	1566.9	1564.0	1559.1	1562.0	1575.7	1587.4	1586.4
57.5°	1561.0	1564.0	1578.6	1595.2	1601.0	1596.1	1589.3	1592.2	1607.8	1620.5	1621.5
60°	1586.4	1589.3	1605.9	1625.4	1630.3	1624.4	1615.6	1618.6	1636.1	1650.7	1652.7
62.5°	1607.8	1610.8	1629.3	1650.7	1657.6	1648.8	1638.1	1641.0	1660.5	1677.1	1678.0
65°	1625.4	1628.3	1649.8	1672.2	1679.0	1669.3	1656.6	1659.5	1681.0	1699.5	1701.4
67.5°	1639.0	1642.9	1667.3	1691.7	1697.5	1685.8	1671.2	1674.1	1697.5	1719.0	1721.0
70°	1650.7	1655.6	1681.0	1707.3	1714.1	1700.5	1682.9	1686.8	1713.1	1734.6	1737.5
72.5°	1659.5	1664.4	1691.7	1720.0	1727.8	1711.2	1691.7	1695.6	1723.9	1747.3	1750.2
75°	1665.4	1670.2	1699.5	1729.7	1736.6	1719.0	1697.5	1701.4	1730.7	1756.1	1760.0
77.5°	1668.3	1673.2	1704.4	1735.6	1742.4	1721.9	1699.5	1703.4	1733.6	1760.9	1764.8
80°	1668.3	1672.2	1704.4	1737.5	1743.4	1722.9	1698.5	1701.4	1732.7	1761.9	1765.8
82.5°	1665.4	1669.3	1702.4	1735.6	1741.4	1719.0	1693.6	1697.5	1729.7	1759.0	1763.9
85°	1658.5	1662.4	1695.6	1729.7	1735.6	1711.2	1684.9	1688.8	1721.0	1752.2	1757.0
87.5°	1648.8	1653.7	1685.8	1720.0	1724.9	1699.5	1674.1	1676.1	1710.2	1742.4	1746.3
90°	1637.1	1642.0	1672.2	1706.3	1711.2	1685.8	1659.5	1662.4	1695.6	1728.8	1732.7
92.5°	1623.4	1627.3	1656.6	1687.8	1693.6	1667.3	1642.0	1645.9	1679.0	1712.2	1717.0
95°	1605.9	1608.8	1636.1	1665.4	1670.2	1646.8	1621.5	1625.4	1658.5	1690.7	1695.6
97.5°	1584.4	1586.4	1610.8	1637.1	1642.9	1620.5	1597.1	1601.0	1633.2	1665.4	1671.2
100°	1560.1	1561.0	1582.5	1604.9	1609.8	1591.3	1569.8	1574.7	1604.9	1638.1	1642.0
102.5°	1531.8	1531.8	1549.3	1567.9	1573.7	1558.1	1539.6	1544.5	1573.7	1604.9	1609.8
105°	1500.6	1497.7	1510.3	1525.0	1531.8	1520.1	1506.4	1510.3	1537.6	1567.9	1573.7
107.5°	1461.6	1458.7	1467.4	1480.1	1486.9	1478.2	1467.4	1473.3	1496.7	1525.0	1530.8
110°	1417.7	1413.8	1417.7	1427.5	1435.3	1429.4	1423.6	1428.4	1450.9	1477.2	1481.1



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

**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1367.0	1362.1	1363.1	1369.9	1376.8	1375.8	1371.9	1379.7	1398.2	1419.7	1424.5
115°	1308.5	1303.6	1300.7	1304.6	1310.5	1314.4	1318.3	1323.1	1337.8	1355.3	1363.1
117.5°	1247.1	1239.3	1234.4	1234.4	1241.2	1248.1	1254.9	1261.7	1271.5	1288.0	1291.0
120°	1175.9	1171.0	1164.2	1164.2	1170.1	1176.9	1187.6	1195.4	1201.3	1213.0	1216.9
122.5°	1105.7	1098.9	1092.0	1092.0	1095.9	1105.7	1120.3	1127.1	1130.1	1136.9	1139.8
125°	1034.5	1026.7	1018.9	1018.9	1022.8	1032.6	1049.1	1055.0	1056.9	1059.9	1062.8
127.5°	962.4	954.6	947.7	944.8	950.7	958.5	975.0	982.8	983.8	983.8	985.8
130°	890.2	884.4	877.5	874.6	880.5	887.3	905.8	913.6	909.7	909.7	910.7
132.5°	822.0	816.1	809.3	807.3	811.2	820.0	836.6	843.4	840.5	836.6	837.6
135°	755.7	750.8	742.0	741.0	746.9	750.8	766.4	773.2	770.3	766.4	767.4
137.5°	692.3	687.4	679.6	678.6	684.5	689.4	701.1	707.9	704.0	700.1	701.1
140°	631.8	626.0	620.1	619.2	623.1	627.9	638.7	642.6	638.7	635.7	636.7
142.5°	575.3	571.4	564.5	564.5	566.5	570.4	579.2	583.1	579.2	575.3	573.3
145°	521.6	516.8	512.9	511.9	513.8	517.7	523.6	527.5	523.6	520.7	518.7
147.5°	473.9	470.0	466.1	466.1	467.0	470.0	474.8	475.8	472.9	470.9	469.0
150°	430.0	426.1	424.1	423.2	424.1	425.1	429.0	431.0	428.0	426.1	424.1
152.5°	390.0	387.1	385.1	386.1	386.1	387.1	388.1	389.0	386.1	386.1	384.2
155°	354.9	353.0	351.0	352.0	352.0	352.0	353.0	353.0	351.0	351.0	350.0
157.5°	325.7	323.7	322.7	323.7	323.7	322.7	323.7	323.7	321.8	321.8	320.8
160°	300.3	298.4	298.4	298.4	298.4	297.4	299.3	298.4	297.4	296.4	296.4
162.5°	279.8	277.9	277.9	278.9	277.9	277.9	277.9	277.9	276.9	276.9	275.9
165°	263.3	261.3	261.3	262.3	261.3	261.3	261.3	261.3	260.3	260.3	260.3
167.5°	249.6	248.6	248.6	248.6	248.6	247.7	248.6	248.6	247.7	247.7	247.7
170°	238.9	237.9	237.9	237.9	237.9	237.9	237.9	237.9	237.9	236.9	236.9
172.5°	232.1	231.1	231.1	231.1	231.1	231.1	231.1	231.1	230.1	230.1	230.1
175°	227.2	226.2	226.2	226.2	226.2	226.2	226.2	226.2	226.2	225.2	225.2
177.5°	224.3	223.3	223.3	223.3	223.3	223.3	223.3	223.3	223.3	222.3	222.3
180°	222.3	222.3	222.3	222.3	222.3	222.3	222.3	222.3	222.3	222.3	222.3



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**

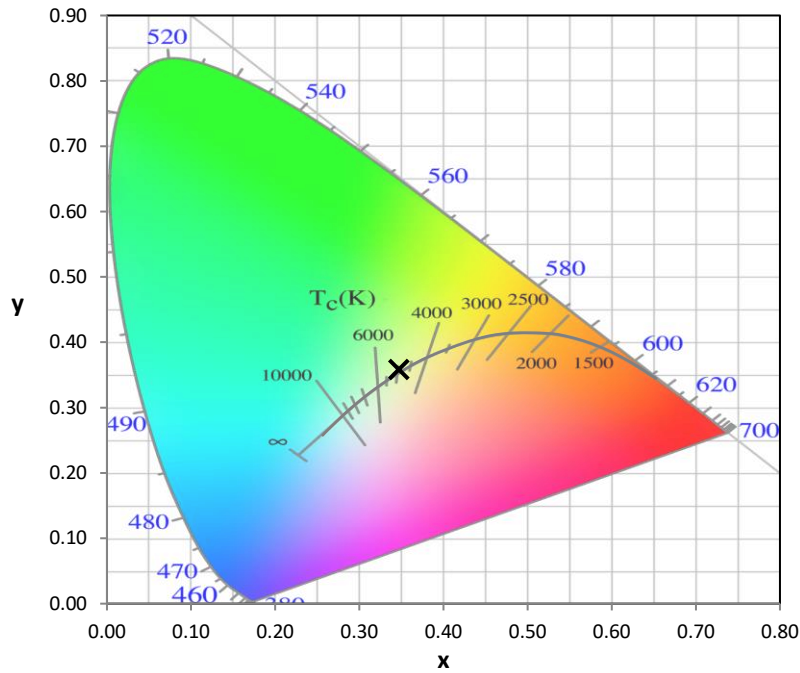
Stabilization Time: 0.803355M  
 Operation Time: 1H  
 Sphere Temperature (°C): 24.7

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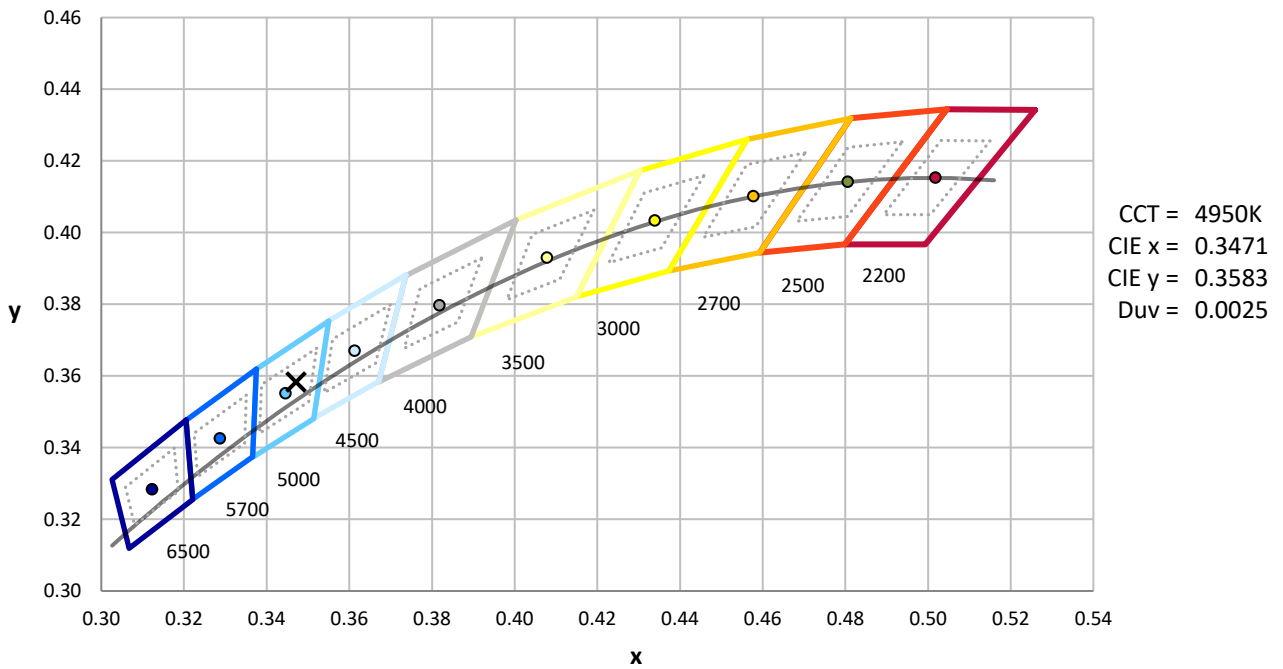
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



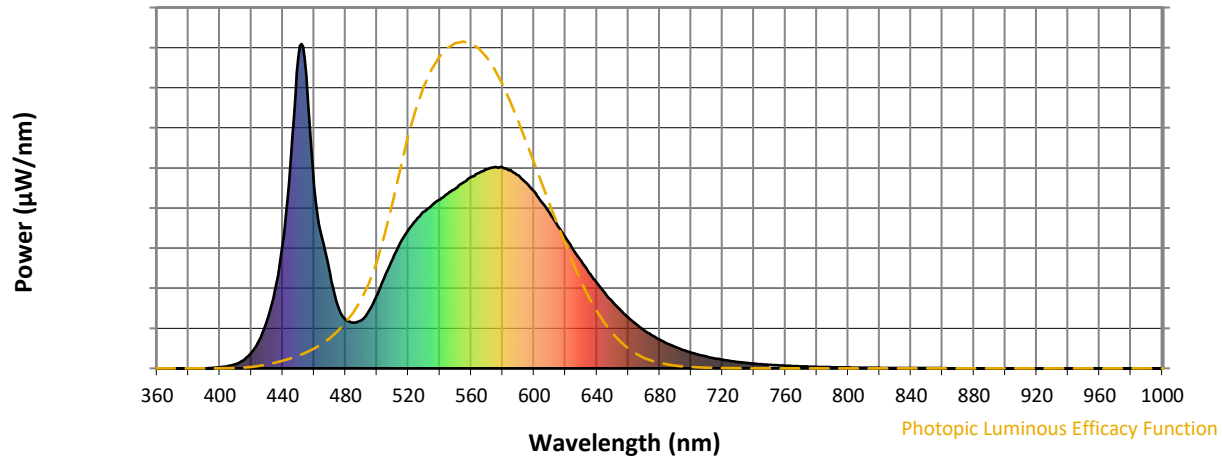
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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**Photopic Flux vs. Wavelength**

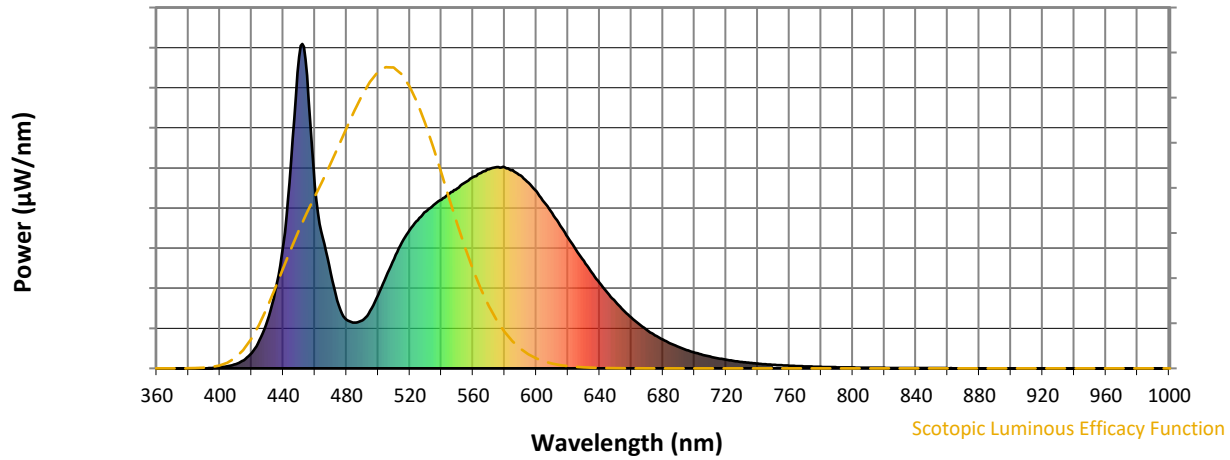


**Photopic Lumens: NR**

λ (nm)	Power W <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	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 <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	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 <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	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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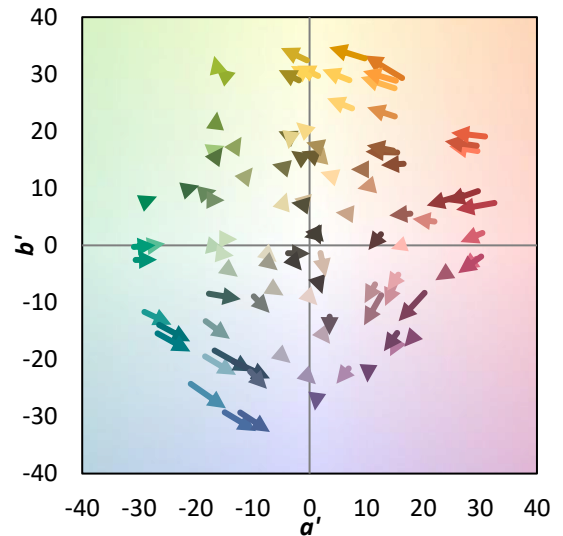
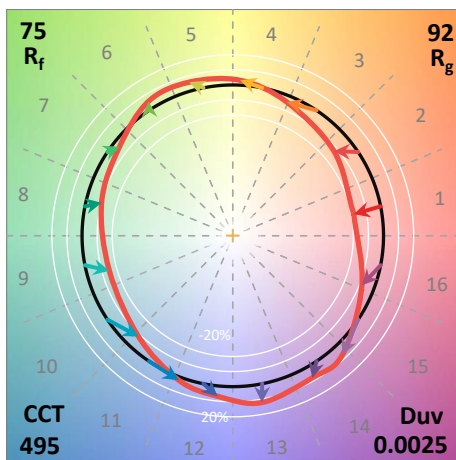
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**Summary**

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



**Color Vector Graphics**





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

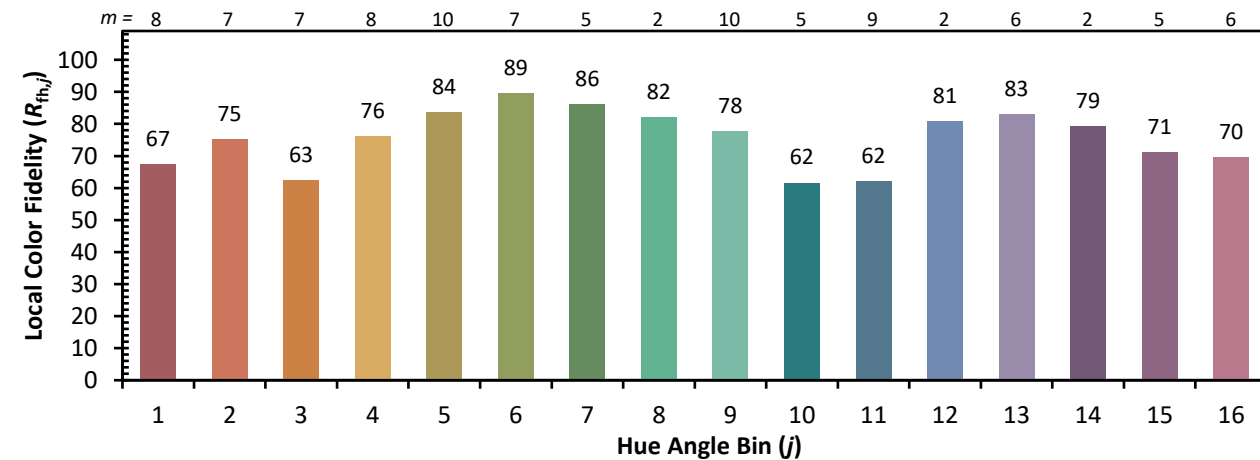
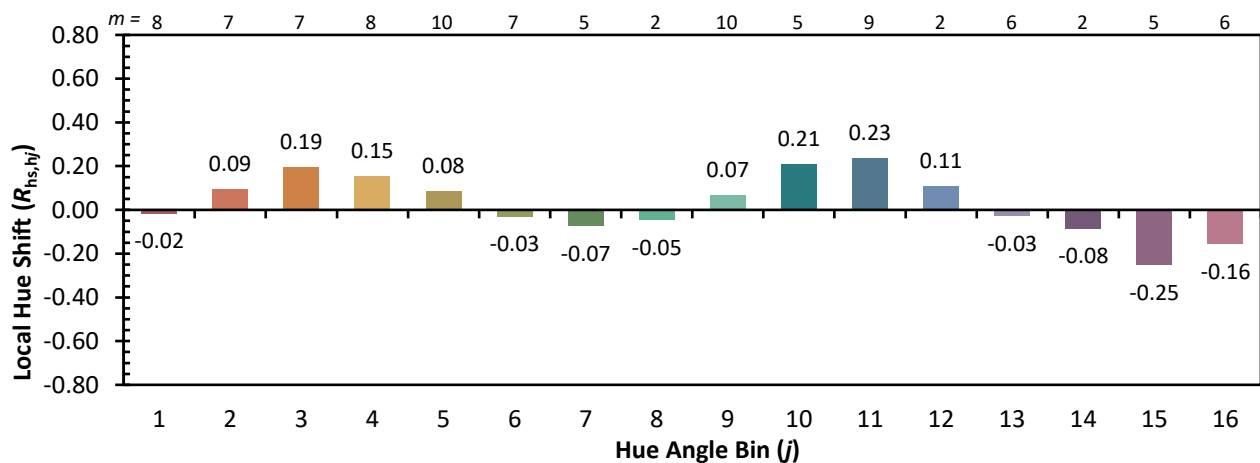
CES01 = 85	CES26 = 65	CES51 = 89	CES76 = 54
CES02 = 60	CES27 = 90	CES52 = 88	CES77 = 69
CES03 = 30	CES28 = 82	CES53 = 80	CES78 = 57
CES04 = 69	CES29 = 72	CES54 = 84	CES79 = 82
CES05 = 46	CES30 = 91	CES55 = 82	CES80 = 79
CES06 = 50	CES31 = 75	CES56 = 74	CES81 = 79
CES07 = 39	CES32 = 66	CES57 = 74	CES82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