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: P981253

Luminaire Tested: **FFX-CLB-100-740-U-VM8-T5**

Issue Date: 04/15/2025

Report Generated By 670245763

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P981253
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-100-740-U-VM8-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source:	(6) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16343.7 lumens
Efficiency:	N/A
Efficacy:	168.5 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G5

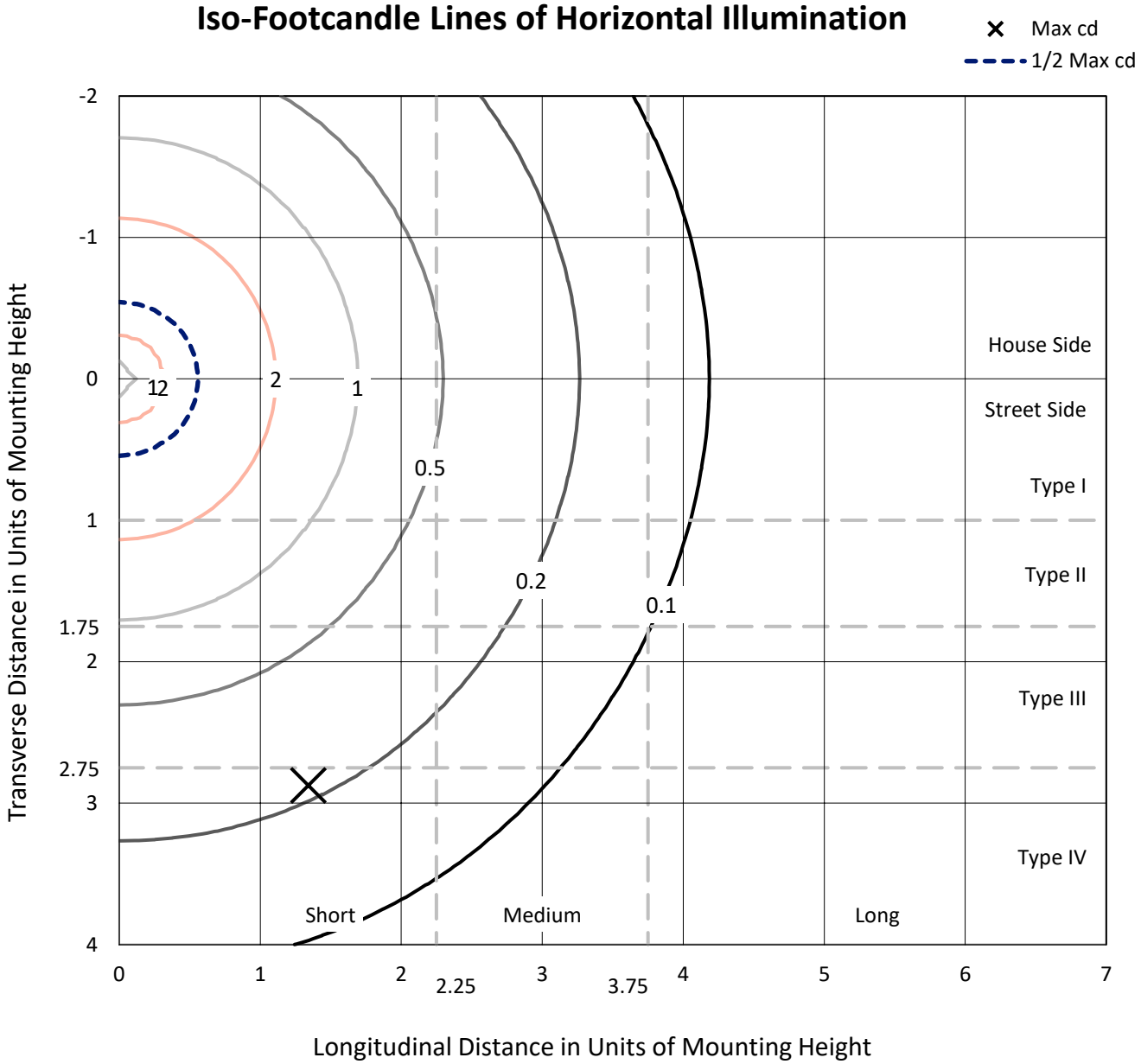
Input Watts (W):	97
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P981253
CATALOG NUMBER: FFX-CLB-100-740-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



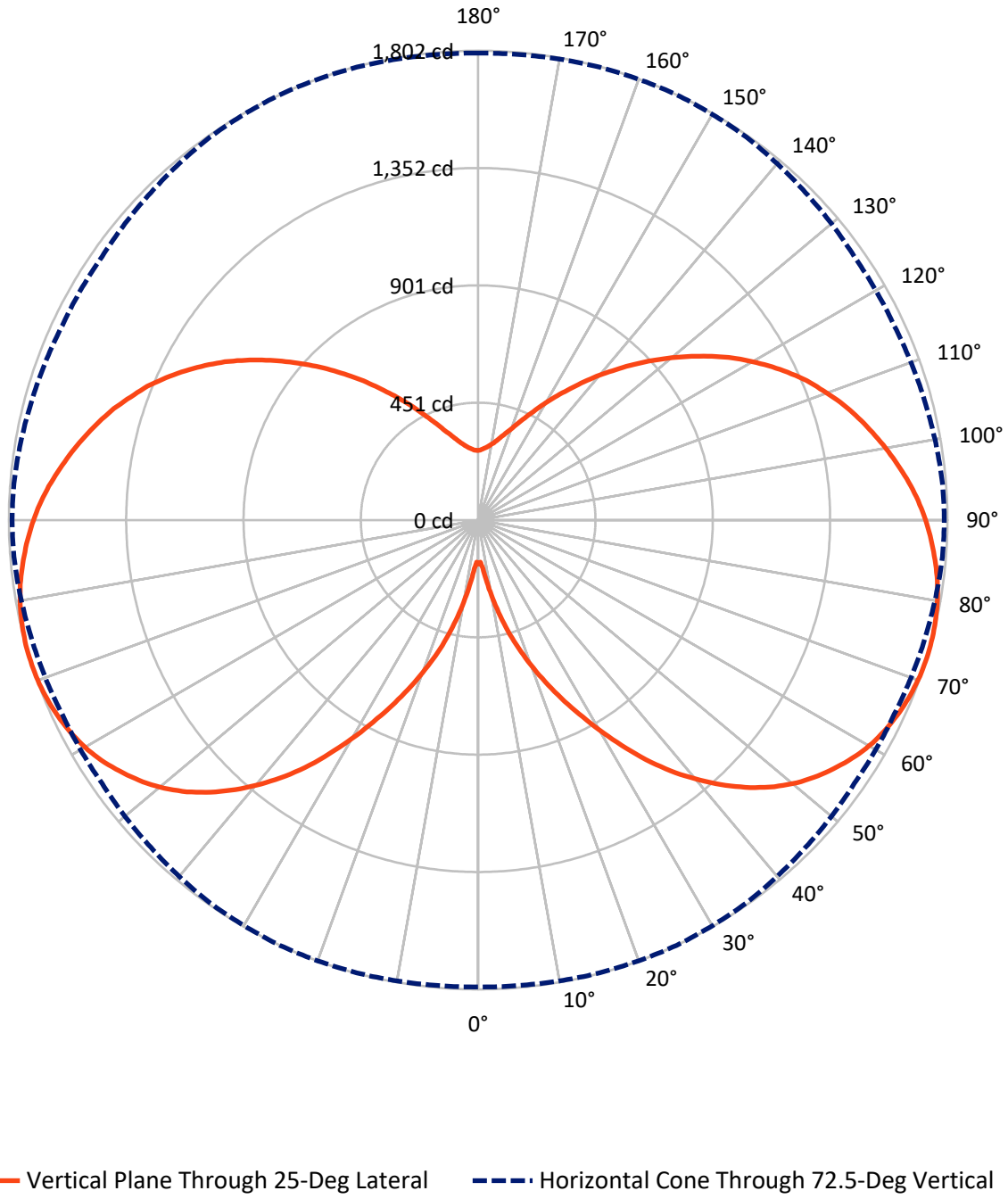
Based on 15 foot mounting height. Maximum calculated value = 2.8 fc
Type V - Short - N/A

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REPORT NUMBER: P981253
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Luminous Intensity Polar Plot



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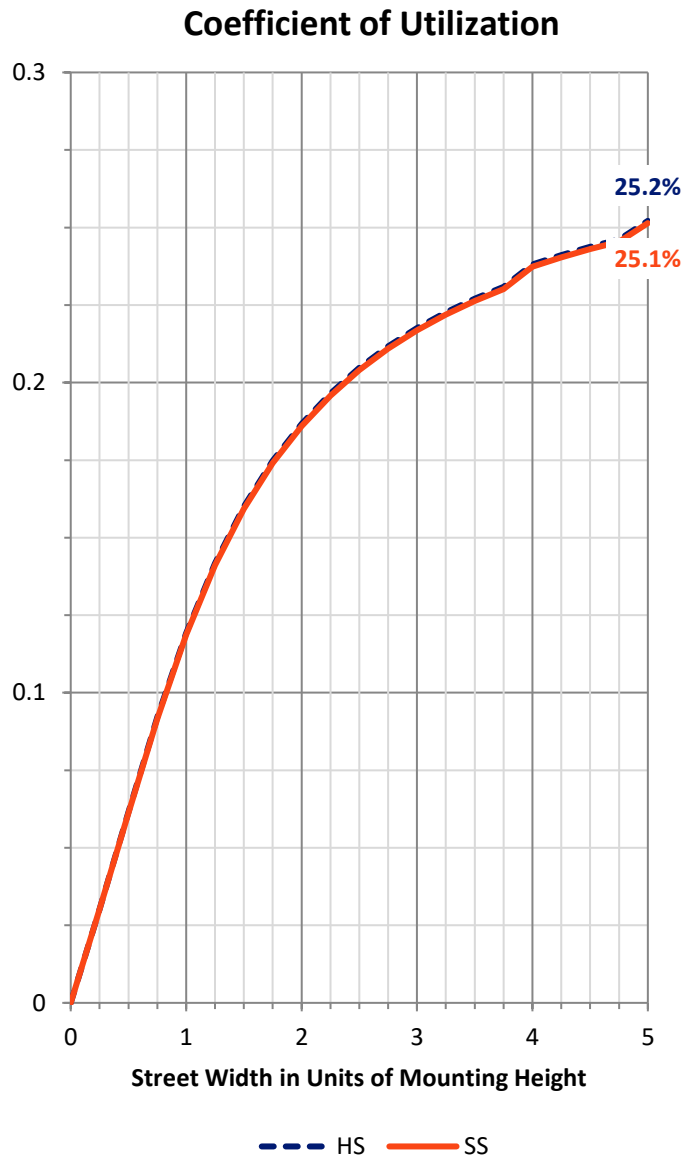
REPORT NUMBER: P981253
CATALOG NUMBER: FFX-CLB-100-740-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4675.3	3496.5	8171.8
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	4675.3	3496.5	8171.8
	% Fixture	28.6	21.4	50.0
Total	Lumens	9350.7	6993.0	16343.7
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.9	0.1
10°-20°	133.0	0.8
20°-30°	359.8	2.2
30°-40°	710.4	4.3
40°-50°	1119.3	6.8
50°-60°	1483.1	9.1
60°-70°	1743.8	10.7
70°-80°	1883.9	11.5
80°-90°	1895.6	11.6
90°-100°	1784.8	10.9
100°-110°	1577.6	9.7
110°-120°	1300.5	8.0
120°-130°	972.1	5.9
130°-140°	649.1	4.0
140°-150°	385.6	2.4
150°-160°	202.9	1.2
160°-170°	93.6	0.6
170°-180°	26.8	0.2
0°-90°	9350.7	57.2
0°-180°	16343.7	100.0



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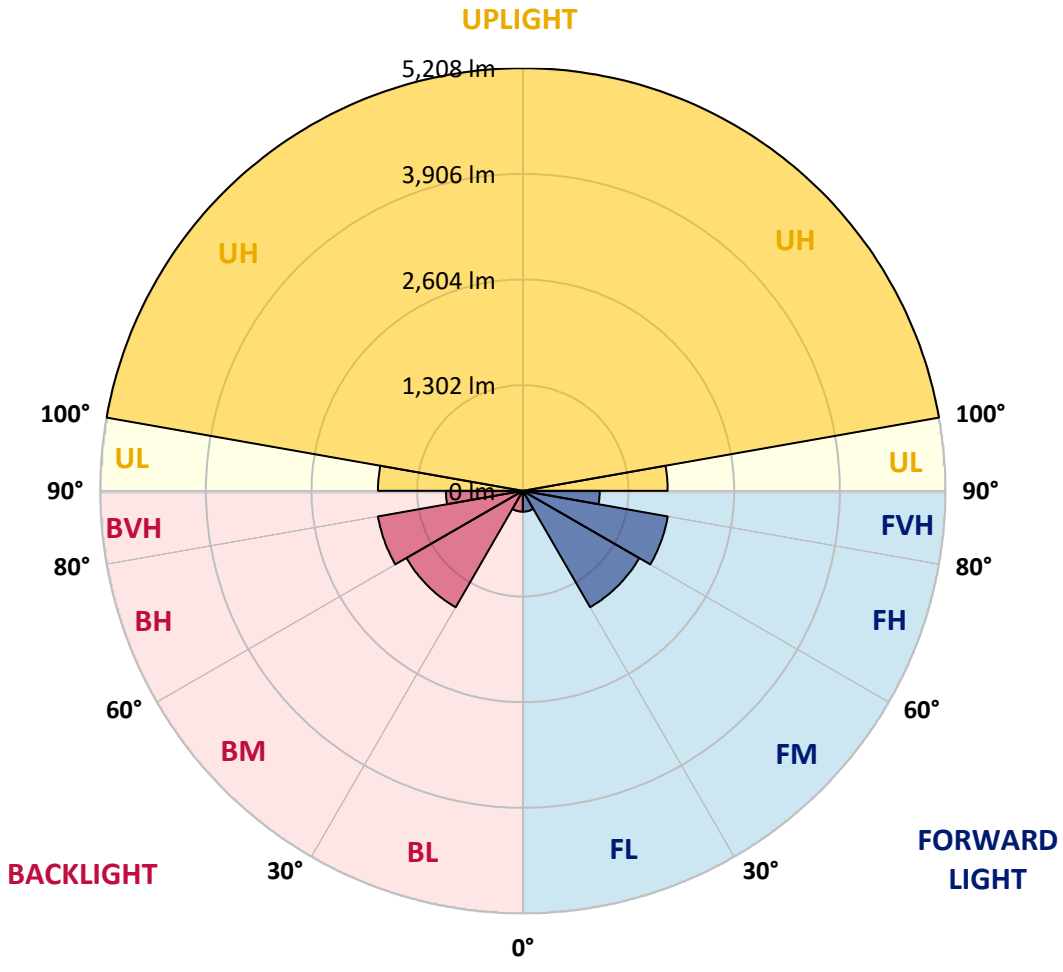
Scaled Data Report

REPORT NUMBER: P981253
CATALOG NUMBER: FFX-CLB-100-740-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	257.3	1.6			
FM	(30°-60°)	1656.4	10.1			
FH	(60°-80°)	1813.8	11.1			G2/5000
FVH	(80°-90°)	947.8	5.8			G5
BL	(0°-30°)	257.3	1.6	B1/500		
BM	(30°-60°)	1656.4	10.1	B2/2500		
BH	(60°-80°)	1813.8	11.1	B3/2500		G2/5000
BVH	(80°-90°)	947.8	5.8			G5
UL	(90°-100°)	1784.8	10.9		U5	
UH	(100°-180°)	5208.2	31.9		U5	

BUG Rating: B3-U5-G5
Type V Short



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REPORT NUMBER: P981253
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	169.8	169.8	169.8	169.8	169.8	169.8	169.8	169.8	169.8	169.8	169.8
2.5°	159.6	159.6	160.6	161.6	162.6	163.7	164.7	165.7	166.7	165.7	165.7
5°	184.1	186.2	186.2	186.2	185.1	186.2	188.2	188.2	190.2	189.2	188.2
7.5°	236.3	241.4	241.4	240.4	239.3	240.4	239.3	239.3	239.3	238.3	240.4
10°	307.9	305.8	306.9	305.8	303.8	304.8	305.8	303.8	303.8	303.8	303.8
12.5°	377.4	376.4	379.5	378.4	379.5	376.4	378.4	376.4	376.4	373.3	374.4
15°	459.3	459.3	458.2	455.2	456.2	452.1	454.1	453.1	450.0	450.0	449.0
17.5°	534.9	533.9	534.9	530.9	530.9	529.8	527.8	526.8	526.8	523.7	522.7
20°	610.6	608.6	607.6	607.6	604.5	604.5	602.4	598.4	596.3	597.3	595.3
22.5°	692.5	688.4	688.4	688.4	682.2	680.2	679.2	675.1	675.1	672.0	672.0
25°	774.3	775.3	775.3	771.2	768.1	764.1	762.0	758.9	755.9	754.9	755.9
27.5°	864.3	866.3	863.3	856.1	855.1	851.0	845.9	841.8	842.8	837.7	841.8
30°	962.5	958.4	952.3	950.2	946.1	942.0	937.9	929.8	930.8	928.7	929.8
32.5°	1052.5	1052.5	1050.5	1044.3	1041.2	1032.0	1027.9	1017.7	1018.7	1017.7	1013.6
35°	1150.7	1147.6	1143.5	1142.5	1132.3	1126.1	1119.0	1107.7	1109.8	1108.8	1109.8
37.5°	1233.5	1234.6	1236.6	1231.5	1222.3	1214.1	1205.9	1197.7	1195.7	1196.7	1194.7
40°	1323.5	1322.5	1320.5	1314.3	1307.2	1298.0	1287.7	1282.6	1276.5	1280.6	1279.6
42.5°	1397.2	1400.3	1399.2	1393.1	1383.9	1374.7	1366.5	1358.3	1355.3	1354.2	1354.2
45°	1468.8	1469.8	1466.7	1465.7	1453.4	1445.3	1435.0	1427.9	1425.8	1425.8	1428.9
47.5°	1535.3	1534.3	1532.2	1530.2	1521.0	1508.7	1496.4	1491.3	1490.3	1492.3	1493.3
50°	1588.5	1590.5	1589.5	1586.4	1577.2	1566.0	1552.7	1547.5	1548.6	1550.6	1551.6
52.5°	1636.5	1636.5	1637.6	1633.5	1625.3	1613.0	1600.7	1596.6	1596.6	1599.7	1597.7
55°	1673.4	1675.4	1676.4	1673.4	1668.2	1653.9	1641.6	1634.5	1637.6	1640.6	1641.6
57.5°	1708.1	1710.2	1710.2	1710.2	1702.0	1688.7	1676.4	1670.3	1674.4	1679.5	1680.5
60°	1735.8	1736.8	1739.8	1739.8	1732.7	1717.3	1704.0	1698.9	1704.0	1711.2	1710.2
62.5°	1756.2	1756.2	1760.3	1761.3	1754.2	1738.8	1725.5	1721.4	1727.6	1735.8	1738.8
65°	1773.6	1774.6	1777.7	1778.7	1772.6	1755.2	1740.9	1739.8	1748.0	1756.2	1757.2
67.5°	1782.8	1783.8	1788.9	1791.0	1783.8	1766.4	1753.1	1750.1	1761.3	1771.5	1772.6
70°	1788.9	1791.0	1797.1	1799.2	1792.0	1773.6	1759.3	1758.3	1770.5	1781.8	1782.8
72.5°	1793.0	1794.1	1800.2	1802.2	1795.1	1777.7	1763.4	1763.4	1774.6	1787.9	1790.0
75°	1793.0	1794.1	1799.2	1802.2	1795.1	1776.7	1761.3	1761.3	1776.7	1790.0	1793.0
77.5°	1784.8	1787.9	1794.1	1797.1	1790.0	1771.5	1757.2	1757.2	1772.6	1786.9	1790.0
80°	1776.7	1777.7	1784.8	1788.9	1780.8	1763.4	1748.0	1748.0	1764.4	1779.7	1781.8
82.5°	1763.4	1764.4	1771.5	1775.6	1768.5	1750.1	1734.7	1735.8	1751.1	1766.4	1768.5
85°	1745.0	1747.0	1754.2	1757.2	1751.1	1731.7	1717.3	1718.4	1734.7	1749.0	1751.1
87.5°	1725.5	1725.5	1733.7	1736.8	1730.6	1711.2	1696.9	1696.9	1713.2	1728.6	1729.6
90°	1698.9	1701.0	1708.1	1713.2	1705.1	1688.7	1673.4	1673.4	1688.7	1703.0	1707.1
92.5°	1674.4	1675.4	1682.6	1685.6	1678.5	1661.1	1647.8	1647.8	1663.1	1677.4	1679.5
95°	1644.7	1644.7	1649.8	1653.9	1645.7	1631.4	1619.1	1619.1	1631.4	1643.7	1645.7
97.5°	1613.0	1613.0	1619.1	1618.1	1612.0	1596.6	1586.4	1585.4	1597.7	1607.9	1611.0
100°	1577.2	1579.3	1583.3	1582.3	1577.2	1561.9	1552.7	1552.7	1561.9	1571.1	1573.1
102.5°	1542.4	1542.4	1544.5	1543.5	1536.3	1523.0	1517.9	1516.9	1525.0	1531.2	1532.2
105°	1506.6	1506.6	1504.6	1504.6	1495.4	1485.2	1479.0	1479.0	1486.2	1490.3	1490.3
107.5°	1465.7	1463.7	1465.7	1462.7	1453.4	1443.2	1440.2	1439.1	1442.2	1446.3	1444.2
110°	1423.8	1422.8	1421.7	1415.6	1408.4	1402.3	1397.2	1397.2	1400.3	1401.3	1401.3

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Scaled Data Report

REPORT NUMBER: P981253
CATALOG NUMBER: FFX-CLB-100-740-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1379.8	1378.8	1375.7	*1370.6*	1362.4	1356.3	1352.2	1352.2	1353.2	1352.2	1350.1
115°	1331.7	1329.7	1326.6	*1317.4*	1309.2	1305.1	1303.1	1305.1	1304.1	1301.0	1301.0
117.5°	1279.6	1277.5	1272.4	*1262.2*	1255.0	1251.9	1253.0	1251.9	1249.9	1246.8	1247.9
120°	1221.3	1221.3	1213.1	*1204.9*	1198.8	1198.8	1197.7	1197.7	1194.7	1190.6	1188.5
122.5°	1160.9	1160.9	1153.8	*1146.6*	1139.4	1139.4	1140.5	1139.4	1137.4	1133.3	1131.3
125°	1102.6	1097.5	1091.4	*1083.2*	1078.1	1077.0	1080.1	1081.1	1077.0	1071.9	1073.0
127.5°	1038.2	1035.1	1029.0	*1019.8*	1015.7	1014.7	1017.7	1019.8	1014.7	1011.6	1010.6
130°	970.7	968.6	963.5	*956.4*	952.3	953.3	956.4	959.4	954.3	951.2	949.2
132.5°	904.2	904.2	901.1	*894.0*	888.8	892.9	895.0	897.0	891.9	890.9	889.9
135°	843.8	842.8	836.7	*832.6*	828.5	829.5	833.6	832.6	831.6	829.5	827.5
137.5°	781.4	781.4	778.4	*771.2*	771.2	772.2	774.3	774.3	775.3	771.2	772.2
140°	723.1	722.1	720.1	*715.0*	711.9	713.9	716.0	717.0	717.0	712.9	713.9
142.5°	667.9	666.9	660.8	*657.7*	657.7	658.7	659.7	660.8	660.8	658.7	659.7
145°	608.6	610.6	607.6	*604.5*	604.5	604.5	607.6	608.6	609.6	607.6	607.6
147.5°	559.5	561.5	558.5	*556.4*	556.4	556.4	558.5	559.5	557.4	558.5	558.5
150°	513.5	513.5	511.4	*510.4*	509.4	510.4	512.4	513.5	513.5	511.4	511.4
152.5°	469.5	468.5	467.4	*467.4*	467.4	467.4	469.5	469.5	470.5	470.5	468.5
155°	431.6	430.6	430.6	*429.6*	430.6	430.6	430.6	431.6	431.6	432.7	433.7
157.5°	396.9	395.8	396.9	*396.9*	396.9	397.9	397.9	398.9	396.9	397.9	398.9
160°	368.2	369.2	368.2	*367.2*	367.2	368.2	368.2	369.2	369.2	368.2	369.2
162.5°	343.7	343.7	342.6	*343.7*	344.7	343.7	343.7	344.7	344.7	344.7	344.7
165°	324.2	323.2	323.2	*323.2*	323.2	323.2	324.2	324.2	324.2	324.2	325.3
167.5°	306.9	305.8	305.8	*305.8*	306.9	306.9	306.9	307.9	307.9	307.9	306.9
170°	293.6	292.5	292.5	*292.5*	293.6	293.6	293.6	293.6	293.6	293.6	293.6
172.5°	282.3	282.3	282.3	*282.3*	282.3	282.3	282.3	282.3	282.3	283.3	282.3
175°	275.1	275.1	275.1	*275.1*	274.1	274.1	275.1	275.1	275.1	275.1	275.1
177.5°	269.0	269.0	270.0	*269.0*	269.0	269.0	270.0	270.0	270.0	269.0	269.0
180°	267.0	267.0	267.0	*267.0*	267.0	267.0	267.0	267.0	267.0	267.0	267.0

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

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2501-332-1

Test Date: 03/20/2025

Luminaire Tested: FFX-CLB-100-740-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-740-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

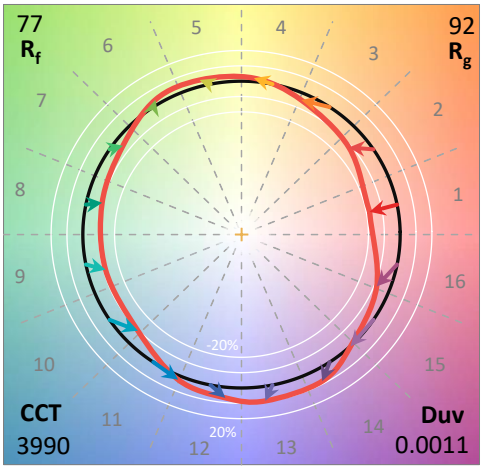
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-1
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	03/31/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Streetworks
Catalog Number:	**FFX-CLB-100-740-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3990	CRI (Ra):	73.9		
CIE u':	0.2247	R1:	69.6	R9:	-36.4
CIE v':	0.5031	R2:	83.0	R10:	60.9
Duv:	0.0011	R3:	93.1	R11:	66.8
CIE x:	0.3816	R4:	70.6	R12:	52.5
CIE y:	0.3798	R5:	70.6	R13:	72.5
CIE z:	0.2386	R6:	76.4	R14:	96.4
Peak Wavelength (nm):	450	R7:	79.8	R15:	61.3
Dominant Wavelength (nm):	578	R8:	48.1		
Purity:	28.50862				

Rf:	77.5
Rg:	91.9



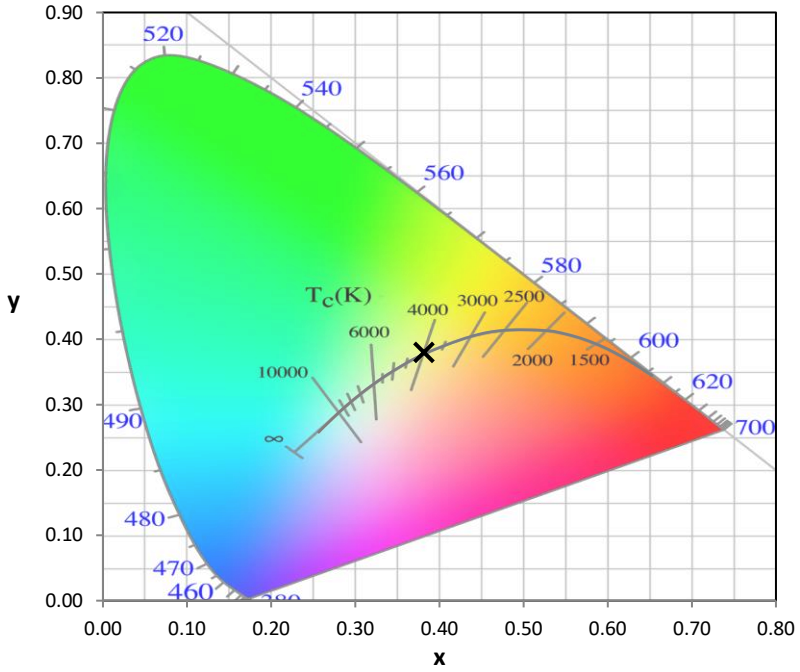
Test Conditions

Stabilization Time:	70M
Operation Time:	2H 10M
Sphere Temperature (°C):	25.0

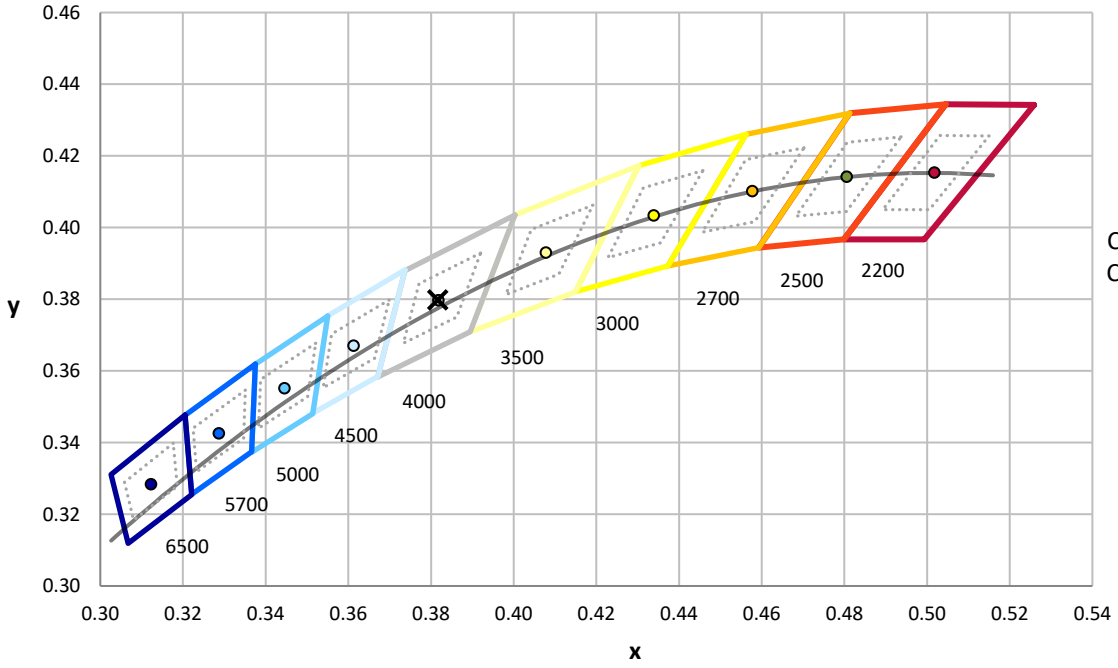
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP1-2501-332-1

CIE 1931 Chromaticity Diagram



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

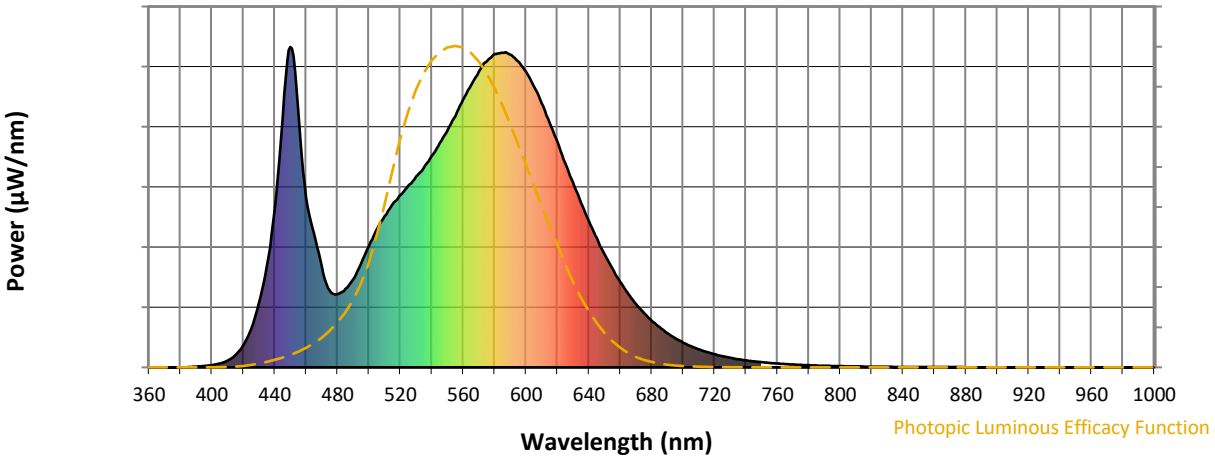


CCT = 3990K
CIE x = 0.3816
CIE y = 0.3798
Duv = 0.0011

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-1

Photopic Flux vs. Wavelength

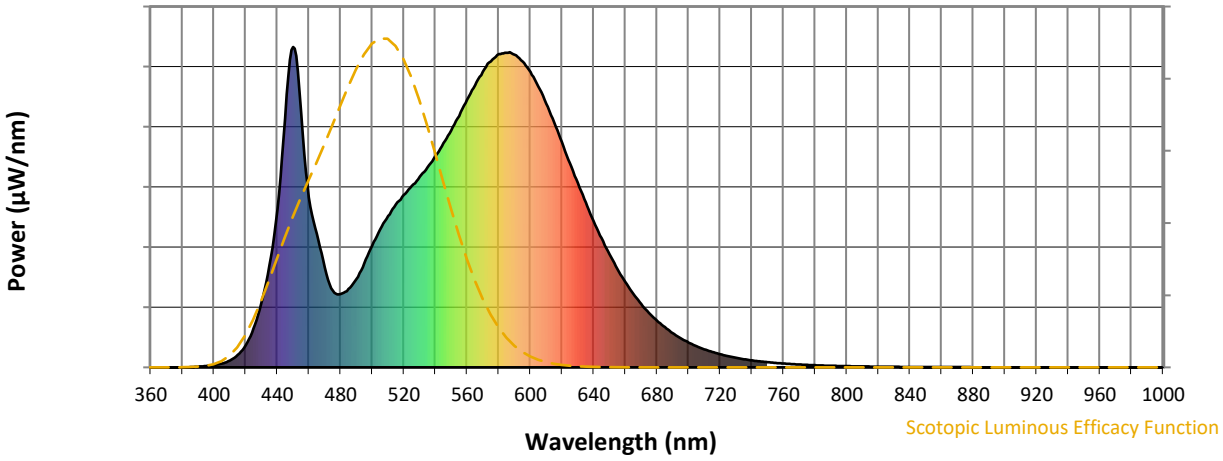


Photopic Lumens: NR

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

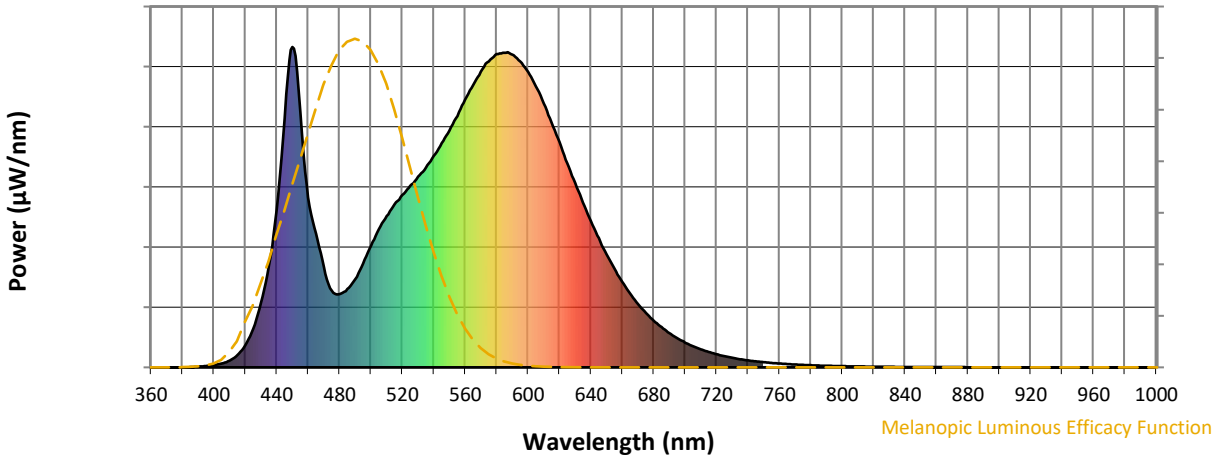


Scotopic Lumens: NR **S/P: 1.59**

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.21**

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

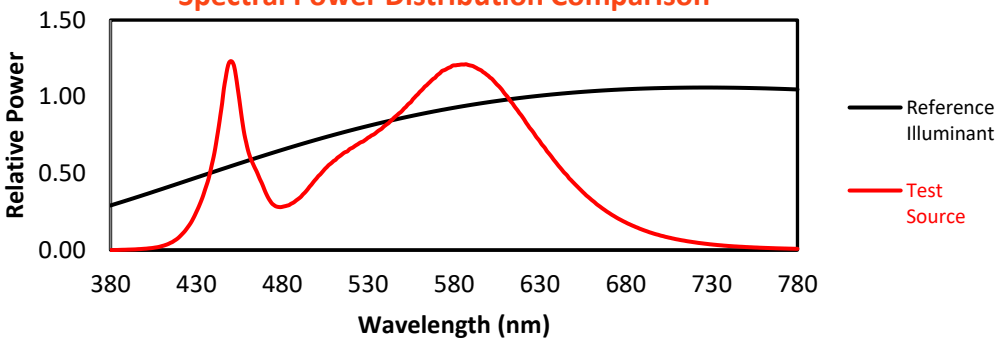
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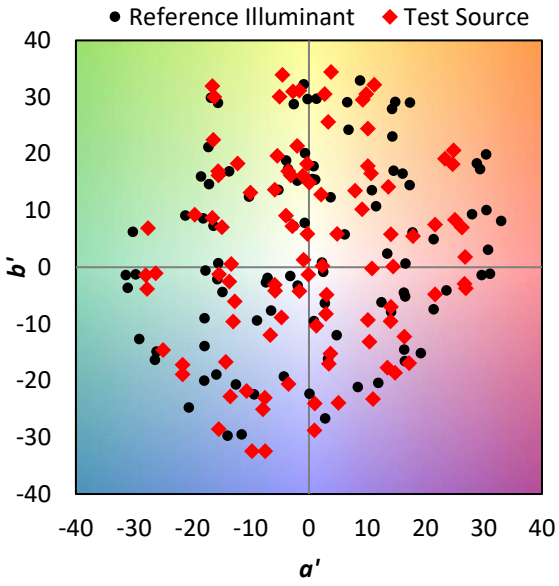
Summary

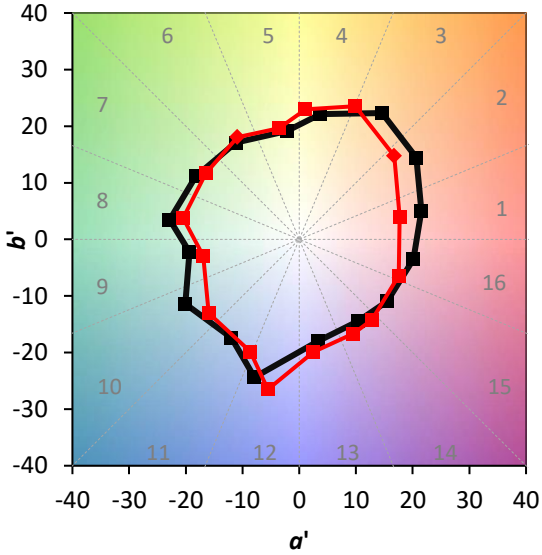
R_f = 77.5
R_g = 91.9
CIE R_a = 73.9
R_9 = -36.4

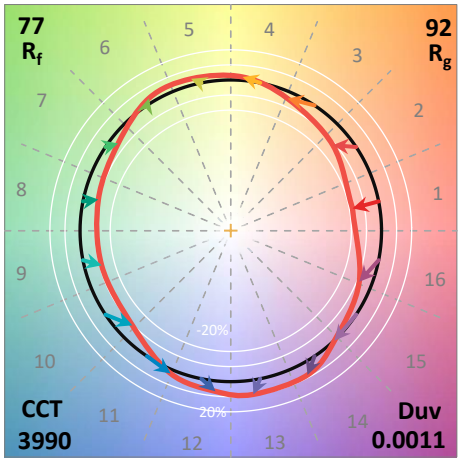
Spectral Power Distribution Comparison

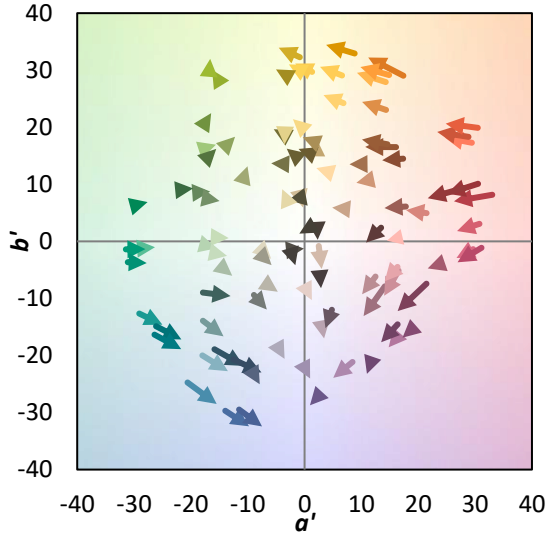


Color Vector Graphics







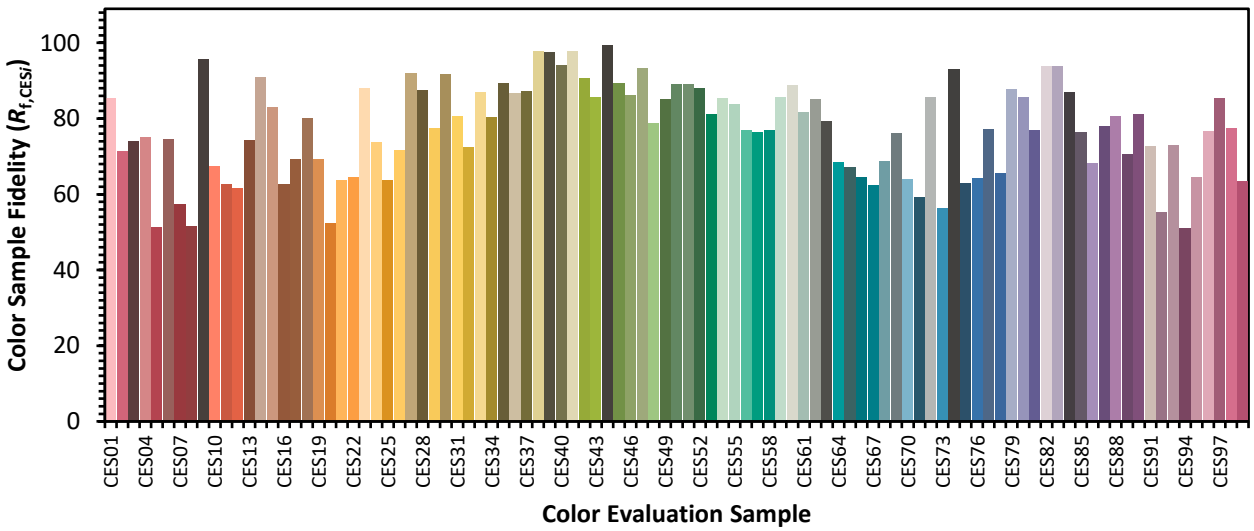


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Individual Sample Fidelity Index ($R_{f,i}$)

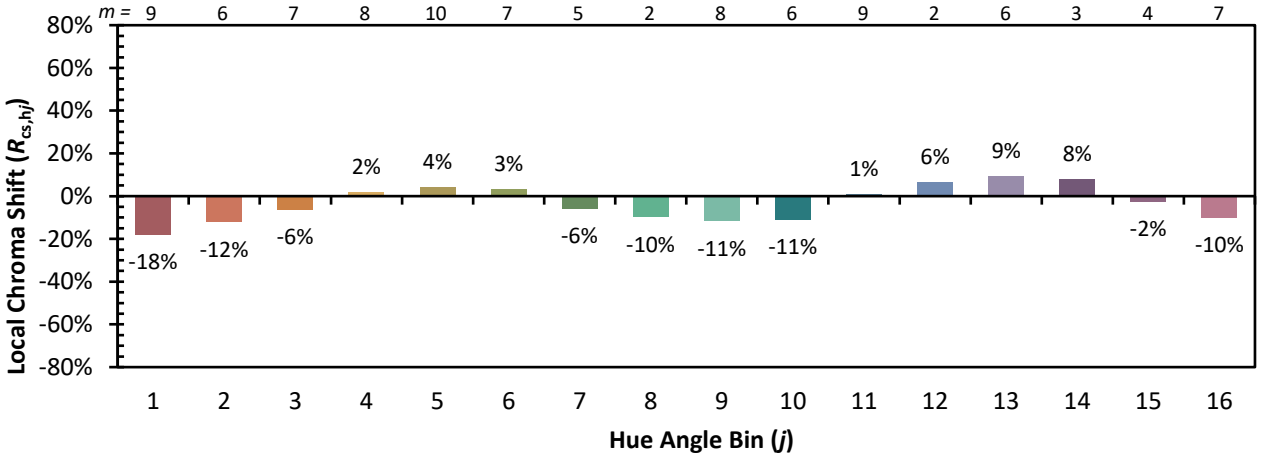
CES01 = 85	CES26 = 72	CES51 = 89	CES76 = 64
CES02 = 61	CES27 = 92	CES52 = 88	CES77 = 77
CES03 = 30	CES28 = 88	CES53 = 81	CES78 = 65
CES04 = 70	CES29 = 78	CES54 = 85	CES79 = 88
CES05 = 47	CES30 = 92	CES55 = 84	CES80 = 86
CES06 = 50	CES31 = 81	CES56 = 77	CES81 = 77
CES07 = 40	CES32 = 72	CES57 = 76	CES82 = 94
CES08 = 39	CES33 = 87	CES58 = 77	CES83 = 94
CES09 = 29	CES34 = 80	CES59 = 86	CES84 = 87
CES10 = 74	CES35 = 89	CES60 = 89	CES85 = 76
CES11 = 57	CES36 = 87	CES61 = 82	CES86 = 68
CES12 = 63	CES37 = 87	CES62 = 85	CES87 = 78
CES13 = 42	CES38 = 98	CES63 = 79	CES88 = 81
CES14 = 74	CES39 = 98	CES64 = 68	CES89 = 71
CES15 = 71	CES40 = 94	CES65 = 67	CES90 = 81
CES16 = 46	CES41 = 98	CES66 = 65	CES91 = 73
CES17 = 49	CES42 = 91	CES67 = 62	CES92 = 55
CES18 = 56	CES43 = 86	CES68 = 69	CES93 = 73
CES19 = 72	CES44 = 99	CES69 = 76	CES94 = 51
CES20 = 65	CES45 = 89	CES70 = 64	CES95 = 65
CES21 = 86	CES46 = 86	CES71 = 59	CES96 = 77
CES22 = 78	CES47 = 93	CES72 = 86	CES97 = 85
CES23 = 92	CES48 = 79	CES73 = 56	CES98 = 77
CES24 = 91	CES49 = 85	CES74 = 93	CES99 = 63
CES25 = 72	CES50 = 89	CES75 = 63	

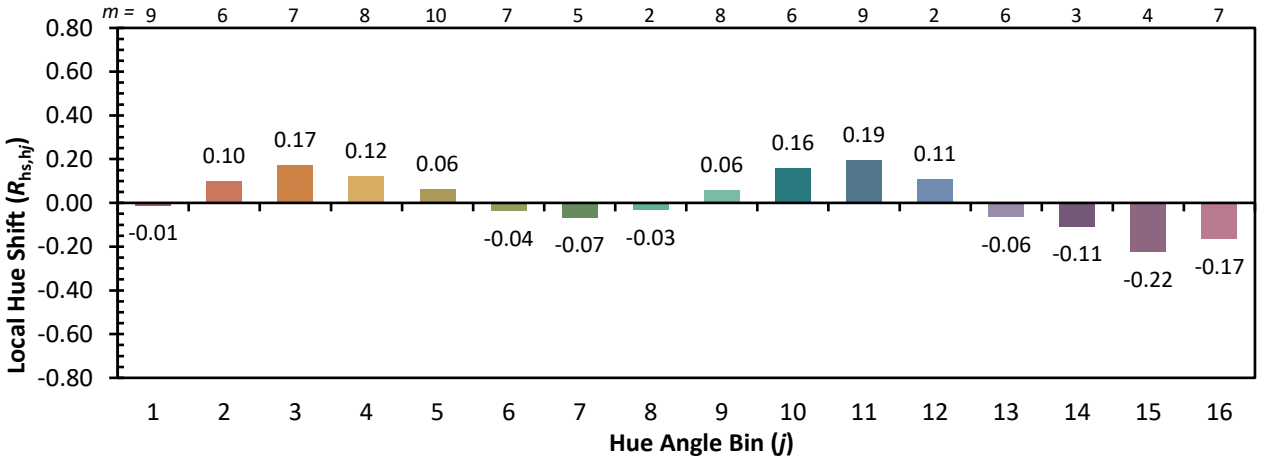


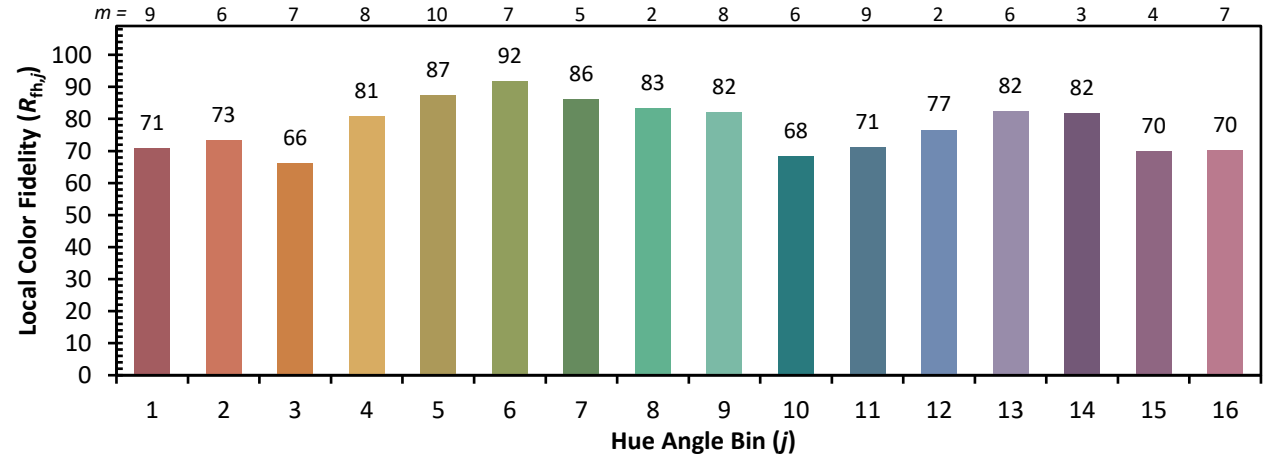
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Color Rendition by Hue-Angle Bin



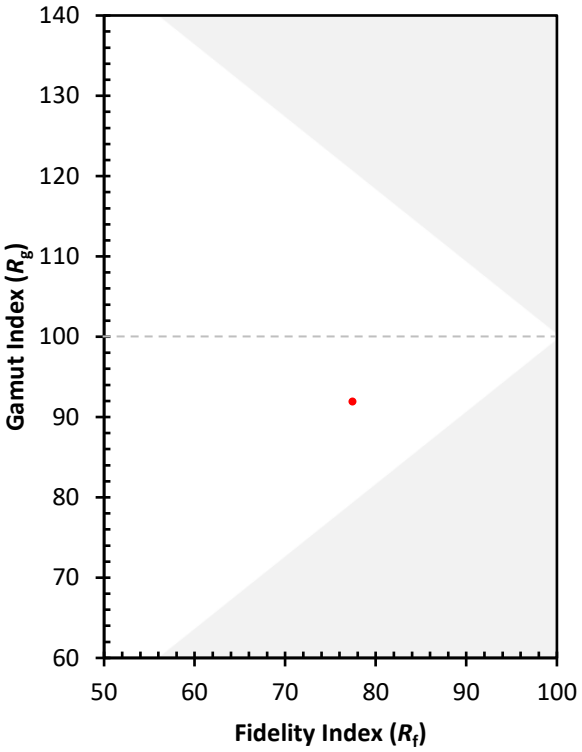


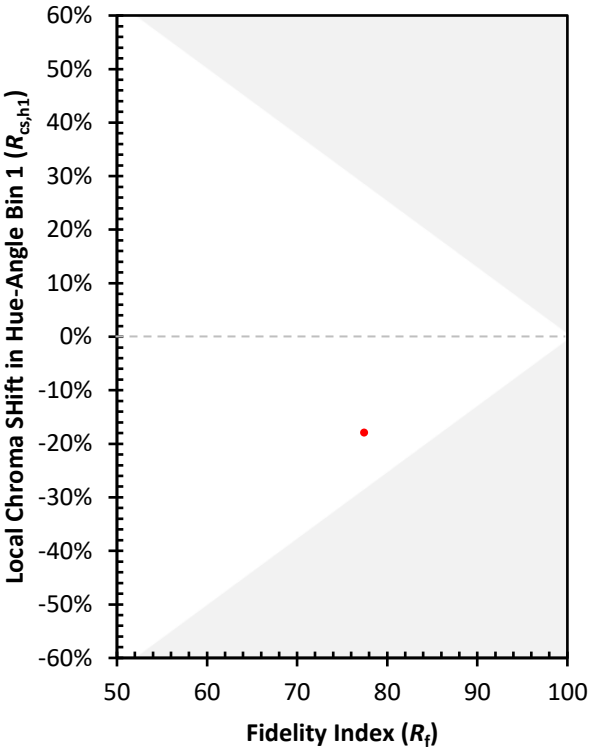


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Measure Comparisons





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