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: P981307

Luminaire Tested: **FFX-CLB-100-750-U-VM9-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:	P981307
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-100-750-U-VM9-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK
Light Source:	(6) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16468.2 lumens
Efficiency:	N/A
Efficacy:	169.8 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G5

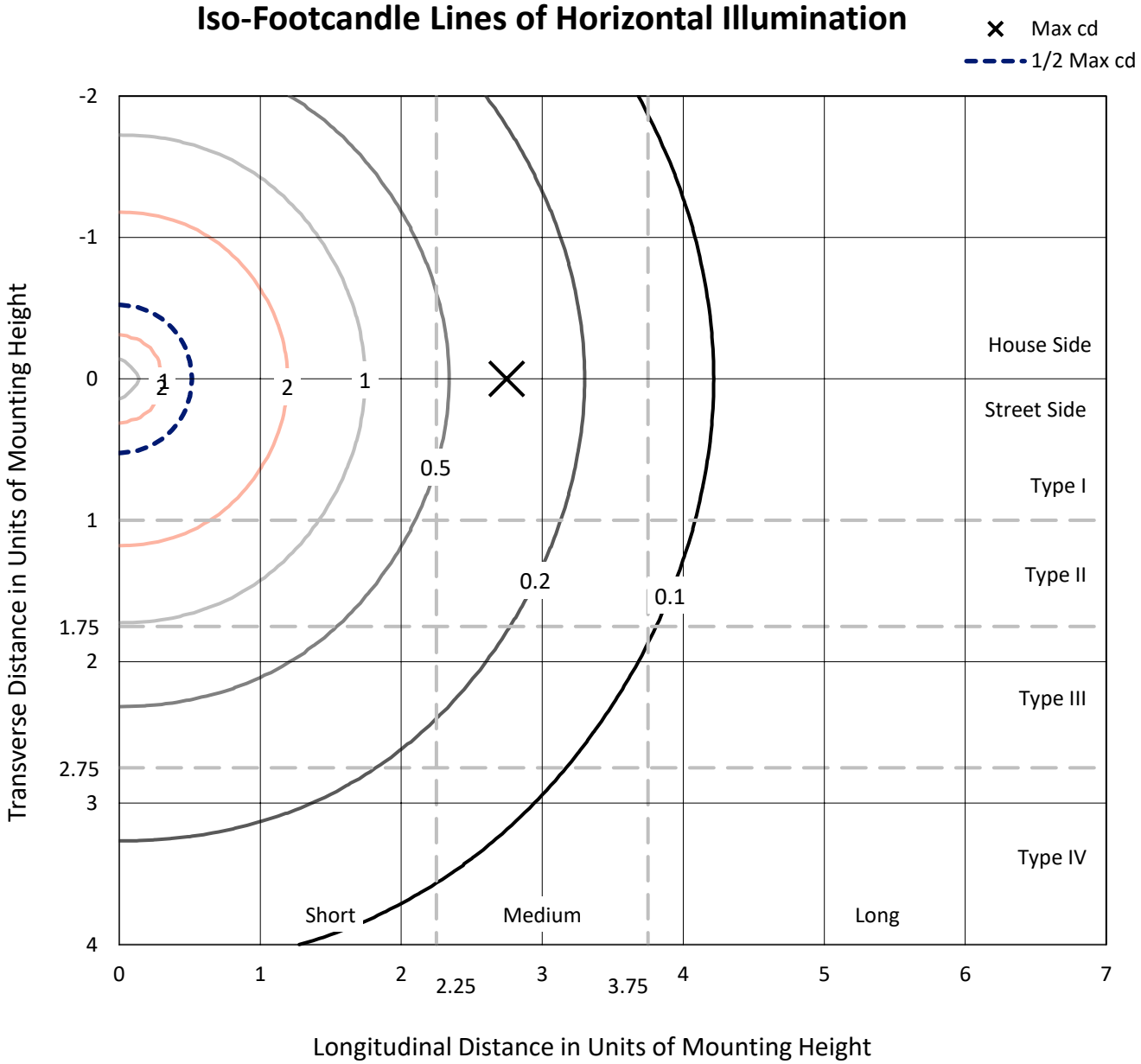
Input Watts (W):	97
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P981307
CATALOG NUMBER: FFX-CLB-100-750-U-VM9-T5

Iso-Footcandle Lines of Horizontal Illumination



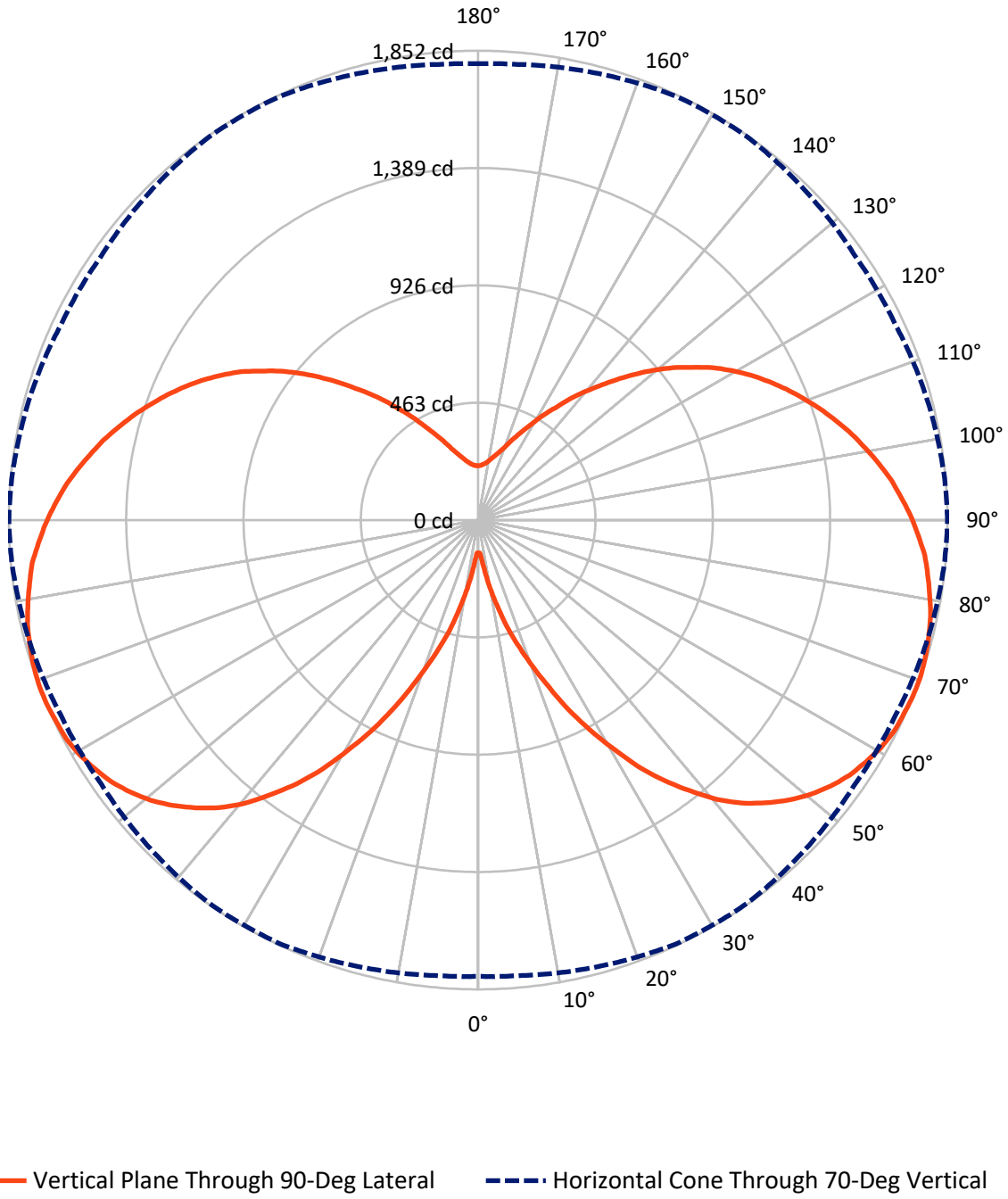
Based on 15 foot mounting height. Maximum calculated value = 3.1 fc
Type V - Short - N/A

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REPORT NUMBER: P981307
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Luminous Intensity Polar Plot



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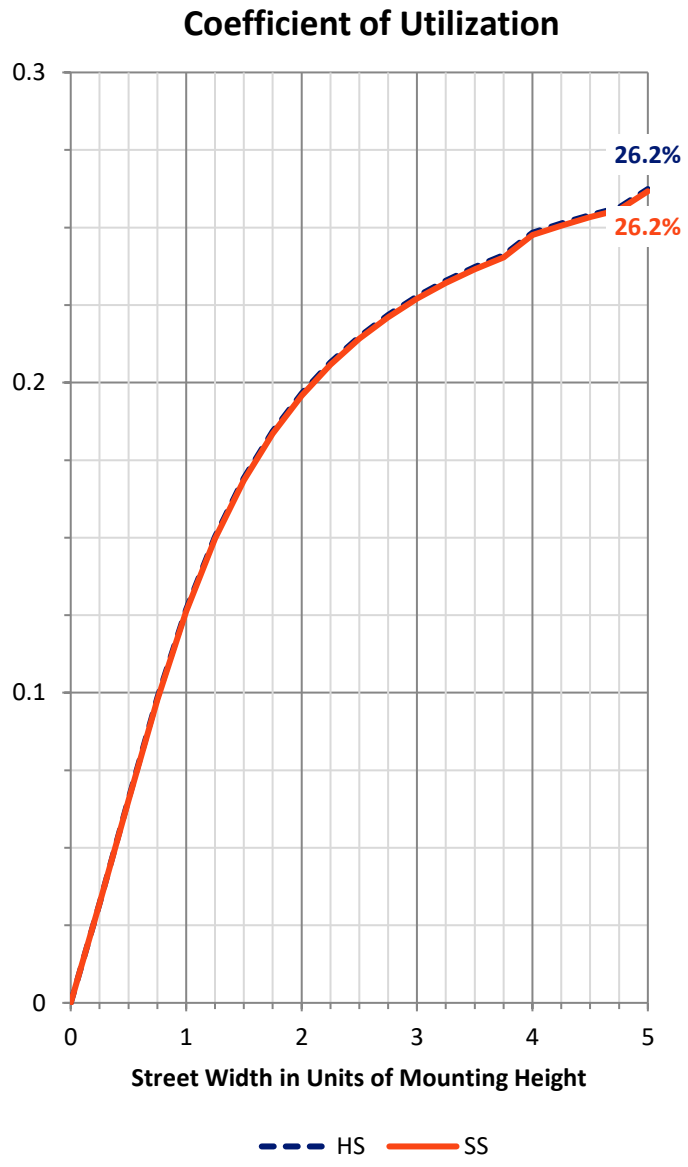
REPORT NUMBER: P981307
CATALOG NUMBER: FFX-CLB-100-750-U-VM9-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4875.0	3359.0	8234.1
	% Fixture	29.6	20.4	50.0
Street Side	Lumens	4875.0	3359.0	8234.1
	% Fixture	29.6	20.4	50.0
Total	Lumens	9750.1	6718.1	16468.2
	% Fixture	59.2	40.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.5	0.1
10°-20°	131.6	0.8
20°-30°	386.4	2.3
30°-40°	785.9	4.8
40°-50°	1219.5	7.4
50°-60°	1574.8	9.6
60°-70°	1810.7	11.0
70°-80°	1918.8	11.7
80°-90°	1902.9	11.6
90°-100°	1769.0	10.7
100°-110°	1542.1	9.4
110°-120°	1259.4	7.6
120°-130°	933.8	5.7
130°-140°	604.4	3.7
140°-150°	341.9	2.1
150°-160°	170.5	1.0
160°-170°	75.7	0.5
170°-180°	21.4	0.1
0°-90°	9750.1	59.2
0°-180°	16468.2	100.0



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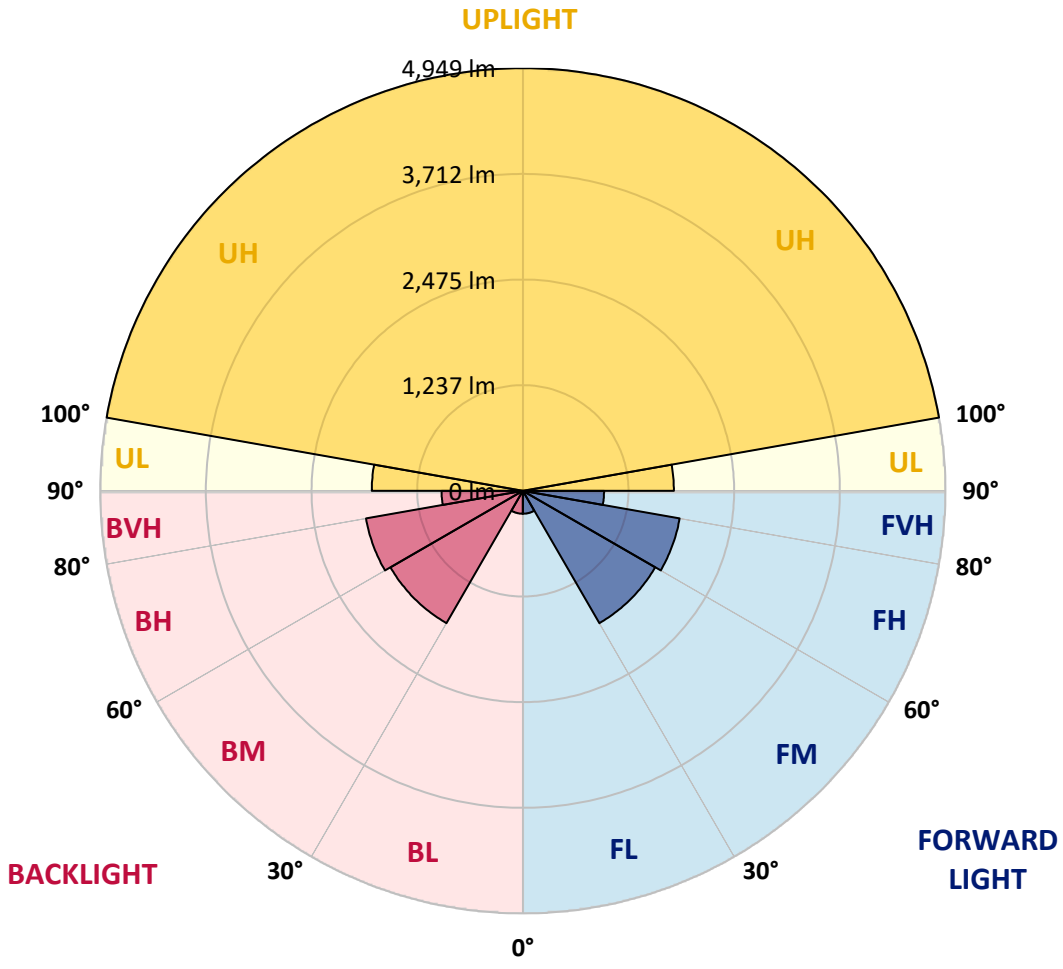
Scaled Data Report

REPORT NUMBER: P981307
CATALOG NUMBER: FFX-CLB-100-750-U-VM9-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	268.7	1.6			
FM	(30°-60°)	1790.1	10.9			
FH	(60°-80°)	1864.8	11.3			G2/5000
FVH	(80°-90°)	951.4	5.8			G5
BL	(0°-30°)	268.7	1.6	B1/500		
BM	(30°-60°)	1790.1	10.9	B2/2500		
BH	(60°-80°)	1864.8	11.3	B3/2500		G2/5000
BVH	(80°-90°)	951.4	5.8			G5
UL	(90°-100°)	1769.0	10.7		U5	
UH	(100°-180°)	4949.1	30.1		U5	

BUG Rating: B3-U5-G5
Type V Short



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REPORT NUMBER: P981307
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0
2.5°	131.0	131.0	131.0	131.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0
5°	161.7	160.7	160.7	161.7	161.7	161.7	160.7	161.7	159.6	158.6	160.7
7.5°	216.9	216.9	216.9	216.9	214.9	214.9	218.0	215.9	216.9	215.9	218.0
10°	283.4	283.4	282.4	284.5	285.5	284.5	283.4	286.5	284.5	284.5	286.5
12.5°	359.2	360.2	360.2	361.2	363.3	360.2	363.3	363.3	363.3	361.2	360.2
15°	446.1	445.1	447.2	446.1	442.0	446.1	447.2	445.1	446.1	447.2	448.2
17.5°	527.0	525.9	527.0	525.9	530.0	531.1	530.0	530.0	530.0	531.1	529.0
20°	616.0	617.0	613.9	617.0	617.0	619.1	623.2	622.1	623.2	620.1	617.0
22.5°	713.2	714.2	711.2	710.1	716.3	715.3	715.3	718.3	720.4	720.4	718.3
25°	817.6	815.5	815.5	818.6	818.6	817.6	822.7	824.7	823.7	826.8	828.8
27.5°	921.9	919.9	919.9	924.0	924.0	924.0	924.0	933.2	934.2	936.3	937.3
30°	1023.2	1030.4	1030.4	1028.4	1031.4	1036.6	1039.6	1039.6	1042.7	1042.7	1043.7
32.5°	1133.8	1133.8	1135.8	1138.9	1138.9	1148.1	1143.0	1151.2	1149.1	1155.2	1159.3
35°	1238.1	1240.2	1240.2	1246.3	1246.3	1248.4	1249.4	1254.5	1261.7	1260.6	1261.7
37.5°	1335.3	1334.3	1332.3	1341.5	1343.5	1342.5	1343.5	1351.7	1353.8	1356.8	1354.8
40°	1424.4	1421.3	1426.4	1431.5	1431.5	1433.6	1435.6	1439.7	1443.8	1445.9	1448.9
42.5°	1499.1	1498.0	1503.2	1507.2	1508.3	1509.3	1509.3	1512.4	1522.6	1525.7	1527.7
45°	1564.5	1563.5	1569.7	1574.8	1577.8	1577.8	1574.8	1578.9	1588.1	1591.2	1592.2
47.5°	1620.8	1621.8	1630.0	1636.2	1638.2	1635.2	1633.1	1637.2	1644.4	1652.5	1651.5
50°	1667.9	1668.9	1678.1	1688.4	1689.4	1686.3	1681.2	1684.3	1694.5	1700.6	1701.7
52.5°	1707.8	1708.8	1720.1	1730.3	1731.3	1726.2	1720.1	1725.2	1734.4	1741.6	1743.6
55°	1739.5	1742.6	1753.8	1765.1	1768.2	1761.0	1752.8	1755.9	1766.1	1777.4	1778.4
57.5°	1763.1	1764.1	1778.4	1790.7	1794.8	1784.5	1778.4	1778.4	1790.7	1800.9	1803.0
60°	1779.4	1783.5	1799.9	1814.2	1816.3	1807.1	1795.8	1797.8	1811.1	1822.4	1825.5
62.5°	1793.8	1797.8	1813.2	1830.6	1832.6	1820.4	1809.1	1810.1	1825.5	1836.7	1840.8
65°	1800.9	1804.0	1822.4	1839.8	1841.8	1829.6	1816.3	1817.3	1831.6	1844.9	1845.9
67.5°	1803.0	1806.0	1825.5	1845.9	1847.0	1833.7	1818.3	1821.4	1835.7	1849.0	1851.1
70°	1800.9	1805.0	1824.5	1845.9	1848.0	1831.6	1816.3	1818.3	1834.7	1848.0	1852.1
72.5°	1793.8	1798.9	1818.3	1840.8	1841.8	1826.5	1811.1	1811.1	1829.6	1843.9	1845.9
75°	1784.5	1789.7	1811.1	1833.7	1834.7	1818.3	1801.9	1804.0	1821.4	1834.7	1836.7
77.5°	1774.3	1777.4	1798.9	1822.4	1824.5	1807.1	1790.7	1792.7	1809.1	1823.4	1825.5
80°	1757.9	1761.0	1783.5	1806.0	1808.1	1790.7	1773.3	1777.4	1793.8	1807.1	1807.1
82.5°	1738.5	1740.5	1763.1	1787.6	1788.6	1771.2	1755.9	1757.9	1774.3	1787.6	1787.6
85°	1716.0	1719.1	1741.6	1765.1	1765.1	1748.7	1732.4	1736.5	1751.8	1764.1	1768.2
87.5°	1691.4	1692.5	1715.0	1736.5	1737.5	1721.1	1706.8	1709.8	1725.2	1736.5	1737.5
90°	1662.8	1664.8	1686.3	1706.8	1707.8	1691.4	1678.1	1682.2	1694.5	1704.7	1707.8
92.5°	1631.1	1634.1	1654.6	1674.0	1673.0	1658.7	1647.4	1652.5	1662.8	1673.0	1673.0
95°	1598.3	1602.4	1618.8	1637.2	1635.2	1622.9	1613.7	1617.8	1628.0	1636.2	1638.2
97.5°	1563.5	1564.5	1581.9	1595.2	1595.2	1584.0	1576.8	1579.9	1590.1	1595.2	1597.3
100°	1525.7	1526.7	1540.0	1553.3	1553.3	1543.1	1537.9	1541.0	1549.2	1553.3	1554.3
102.5°	1487.8	1486.8	1498.0	1509.3	1509.3	1501.1	1497.0	1503.2	1507.2	1510.3	1512.4
105°	1444.8	1443.8	1454.0	1464.3	1462.2	1457.1	1453.0	1458.1	1463.2	1465.3	1465.3
107.5°	1397.8	1401.9	1408.0	1416.2	1415.2	1411.1	1411.1	1414.1	1417.2	1418.2	1419.2
110°	1357.9	1356.8	1363.0	1367.1	1368.1	1366.0	1368.1	1369.1	1370.1	1370.1	1370.1

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Scaled Data Report

REPORT NUMBER: P981307
CATALOG NUMBER: FFX-CLB-100-750-U-VM9-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1311.8	1311.8	1313.9	1316.9	1317.9	1319.0	1320.0	1324.1	1322.0	1323.1	*1321.0*
115°	1261.7	1262.7	1264.7	1265.8	1267.8	1268.8	1273.9	1273.9	1275.0	1272.9	*1269.9*
117.5°	1211.5	1213.6	1212.5	1211.5	1215.6	1218.7	1221.8	1223.8	1223.8	1219.7	*1217.7*
120°	1157.3	1155.2	1155.2	1155.2	1158.3	1163.4	1167.5	1168.5	1167.5	1162.4	*1161.4*
122.5°	1097.9	1100.0	1096.9	1097.9	1099.0	1106.1	1109.2	1111.2	1108.2	1102.0	*1104.1*
125°	1036.6	1038.6	1033.5	1033.5	1038.6	1041.7	1044.7	1047.8	1042.7	1039.6	*1037.6*
127.5°	971.1	971.1	970.0	967.0	973.1	976.2	982.3	982.3	978.2	974.1	*976.2*
130°	904.6	903.5	905.6	903.5	904.6	910.7	915.8	913.8	911.7	909.7	*909.7*
132.5°	836.0	838.0	836.0	835.0	840.1	842.1	847.2	849.3	845.2	840.1	*842.1*
135°	771.5	770.5	769.5	769.5	772.6	777.7	780.7	779.7	779.7	777.7	*775.6*
137.5°	705.0	708.1	706.0	706.0	708.1	713.2	718.3	717.3	716.3	712.2	*710.1*
140°	645.7	643.6	644.6	644.6	649.8	649.8	654.9	654.9	653.9	650.8	*652.8*
142.5°	586.3	585.3	589.4	587.3	589.4	594.5	596.6	595.5	593.5	594.5	*595.5*
145°	532.1	533.1	532.1	533.1	536.2	539.3	543.3	541.3	541.3	538.2	*537.2*
147.5°	480.9	480.9	479.9	484.0	485.0	489.1	490.1	491.2	489.1	487.1	*490.1*
150°	435.9	434.9	434.9	435.9	438.0	441.0	443.1	443.1	444.1	442.0	*441.0*
152.5°	394.0	391.9	392.9	395.0	396.0	399.1	399.1	401.1	400.1	399.1	*399.1*
155°	356.1	357.1	357.1	358.1	360.2	361.2	363.3	362.2	363.3	362.2	*362.2*
157.5°	325.4	327.4	327.4	328.5	327.4	328.5	329.5	330.5	330.5	330.5	*330.5*
160°	300.8	299.8	299.8	299.8	299.8	300.8	302.9	301.9	302.9	301.9	*300.8*
162.5°	278.3	278.3	278.3	278.3	279.3	279.3	279.3	280.4	279.3	279.3	*279.3*
165°	259.9	260.9	259.9	259.9	259.9	260.9	260.9	260.9	260.9	260.9	*260.9*
167.5°	245.6	246.6	246.6	246.6	246.6	246.6	247.6	246.6	246.6	246.6	*246.6*
170°	234.3	235.3	235.3	234.3	235.3	234.3	234.3	235.3	234.3	234.3	*234.3*
172.5°	226.1	226.1	226.1	226.1	226.1	226.1	226.1	226.1	226.1	225.1	*225.1*
175°	219.0	219.0	219.0	219.0	219.0	219.0	219.0	219.0	219.0	219.0	*219.0*
177.5°	214.9	214.9	215.9	214.9	214.9	214.9	214.9	214.9	214.9	214.9	*214.9*
180°	213.9	213.9	213.9	213.9	213.9	213.9	213.9	213.9	213.9	213.9	*213.9*

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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: SP1-2501-332-5

Test Date: 03/25/2025

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

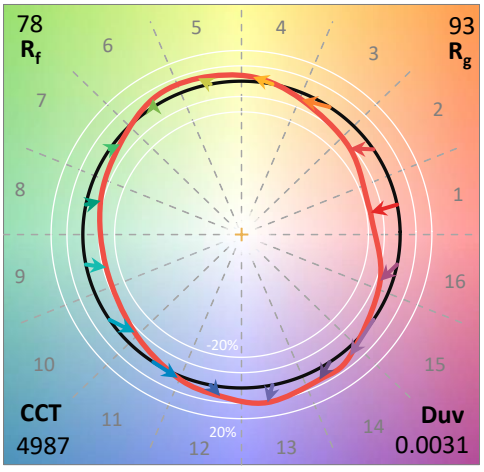
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-5
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-100-750-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	4987	CRI (Ra):	75.8		
CIE u':	0.2094	R1:	71.6	R9:	-30.4
CIE v':	0.4882	R2:	82.8	R10:	59.9
Duv:	0.0031	R3:	91.2	R11:	70.9
CIE x:	0.3461	R4:	73.8	R12:	51.2
CIE y:	0.3586	R5:	73.0	R13:	74.2
CIE z:	0.2954	R6:	76.1	R14:	95.3
Peak Wavelength (nm):	450	R7:	82.9	R15:	63.7
Dominant Wavelength (nm):	570	R8:	54.9		
Purity:	11.4				

Rf:	78.3
Rg:	93.4



Test Conditions

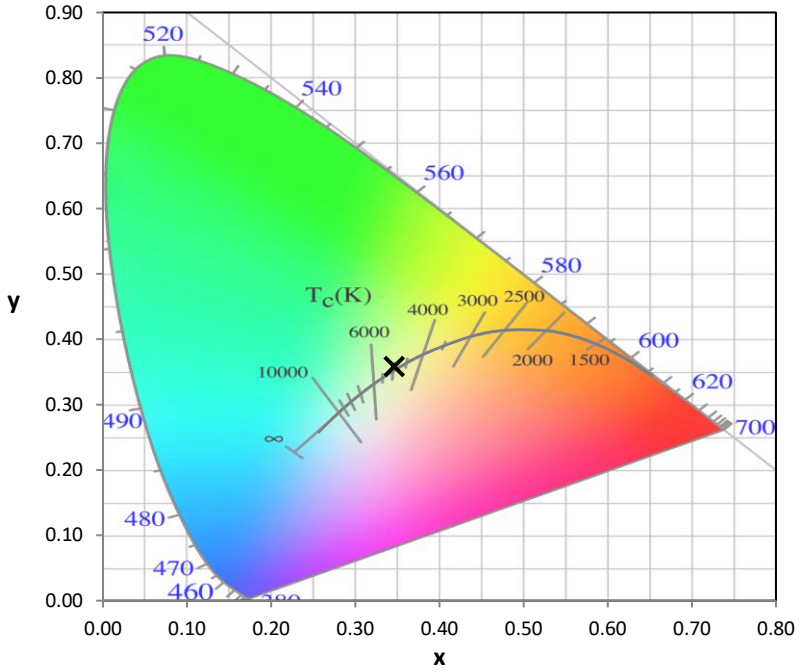
Stabilization Time:	67M
Operation Time:	2H 7M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-5

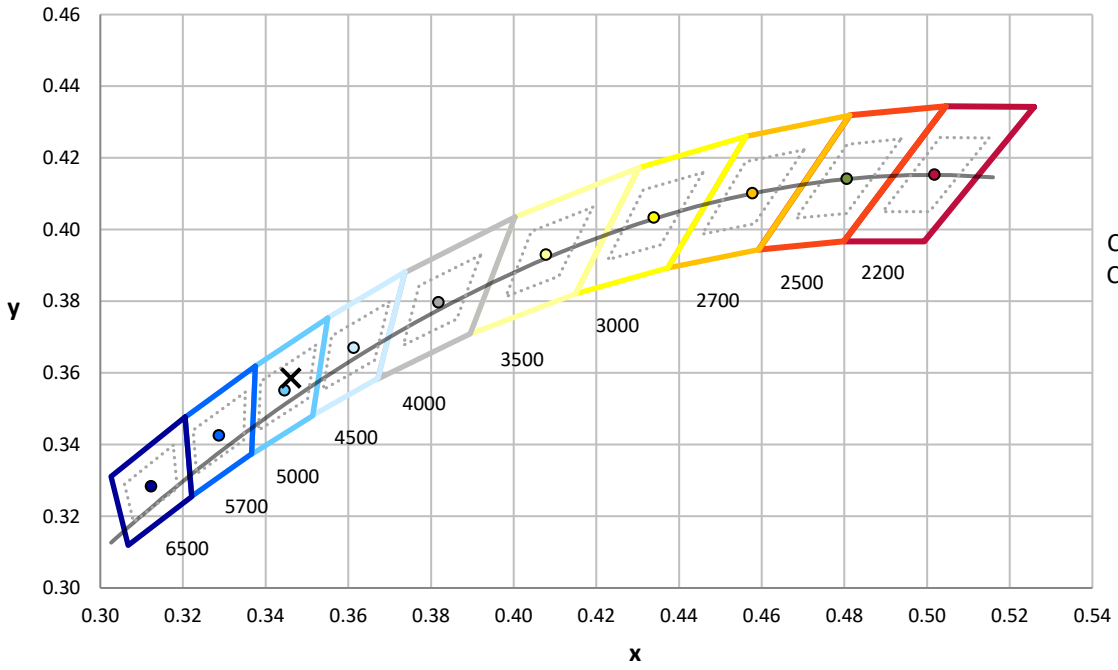
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-5

CIE 1931 Chromaticity Diagram



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

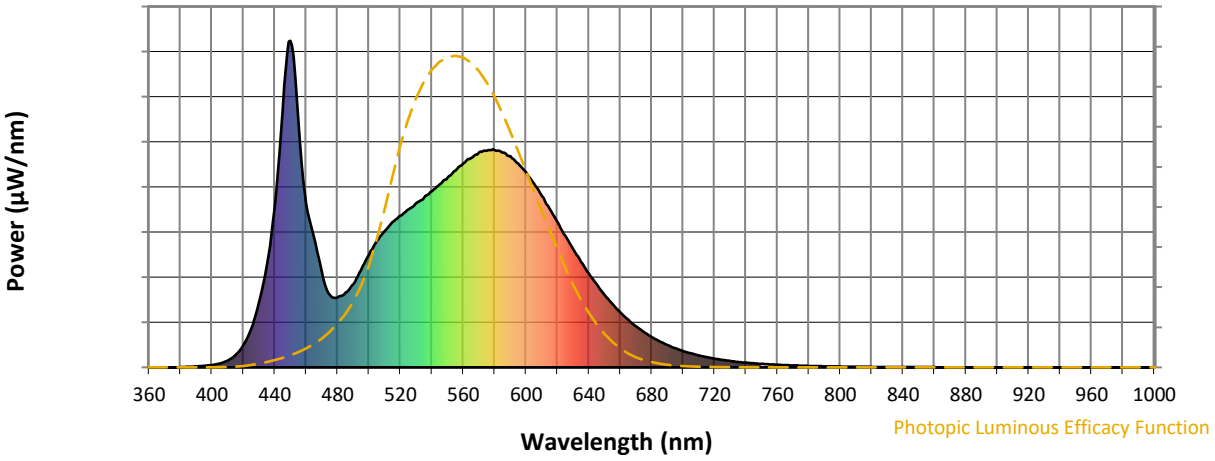


CCT = 4987K
CIE x = 0.3461
CIE y = 0.3586
Duv = 0.0031

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-5

Photopic Flux vs. Wavelength

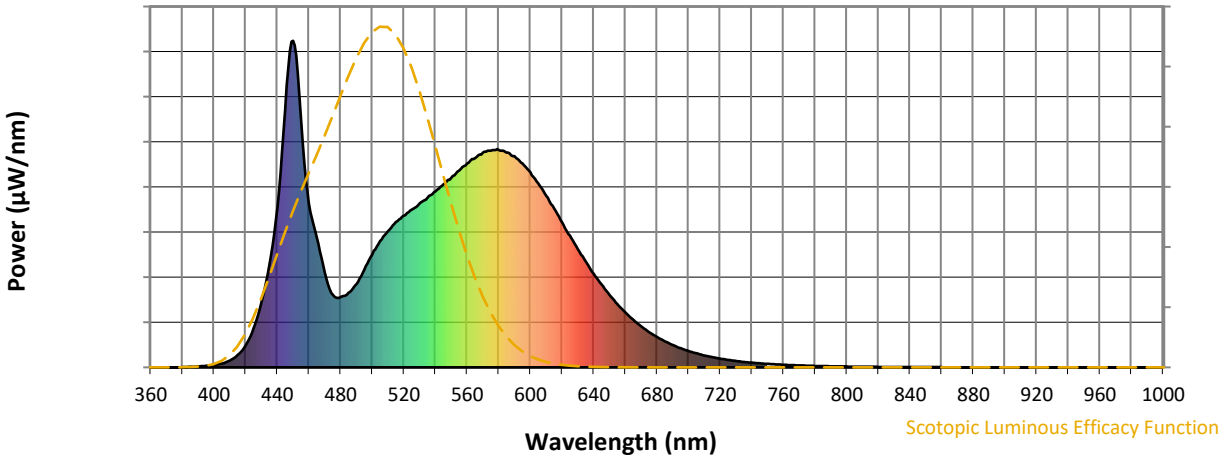


Photopic Lumens: NR

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	255	NR	620	445	NR	750	11	NR	880	0	NR
365	0	NR	495	298	NR	625	403	NR	755	9	NR	885	0	NR
370	0	NR	500	345	NR	630	362	NR	760	8	NR	890	0	NR
375	0	NR	505	387	NR	635	323	NR	765	7	NR	895	0	NR
380	1	NR	510	417	NR	640	287	NR	770	6	NR	900	0	NR
385	2	NR	515	445	NR	645	254	NR	775	5	NR	905	0	NR
390	3	NR	520	464	NR	650	222	NR	780	4	NR	910	0	NR
395	5	NR	525	483	NR	655	194	NR	785	4	NR	915	0	NR
400	7	NR	530	503	NR	660	168	NR	790	3	NR	920	0	NR
405	12	NR	535	519	NR	665	146	NR	795	3	NR	925	0	NR
410	21	NR	540	539	NR	670	126	NR	800	3	NR	930	0	NR
415	38	NR	545	561	NR	675	108	NR	805	2	NR	935	0	NR
420	68	NR	550	580	NR	680	93	NR	810	2	NR	940	0	NR
425	119	NR	555	602	NR	685	80	NR	815	2	NR	945	0	NR
430	199	NR	560	624	NR	690	69	NR	820	2	NR	950	0	NR
435	315	NR	565	641	NR	695	59	NR	825	1	NR	955	0	NR
440	489	NR	570	657	NR	700	50	NR	830	1	NR	960	0	NR
445	787	NR	575	663	NR	705	43	NR	835	1	NR	965	0	NR
450	1000	NR	580	666	NR	710	36	NR	840	1	NR	970	0	NR
455	757	NR	585	657	NR	715	31	NR	845	1	NR	975	0	NR
460	503	NR	590	646	NR	720	27	NR	850	1	NR	980	0	NR
465	398	NR	595	624	NR	725	23	NR	855	1	NR	985	0	NR
470	290	NR	600	597	NR	730	20	NR	860	1	NR	990	0	NR
475	222	NR	605	564	NR	735	17	NR	865	0	NR	995	0	NR
480	215	NR	610	525	NR	740	14	NR	870	0	NR	1000	0	NR
485	228	NR	615	486	NR	745	12	NR	875	0	NR			

REPORT NUMBER: SP1-2501-332-5

Scotopic Flux vs. Wavelength

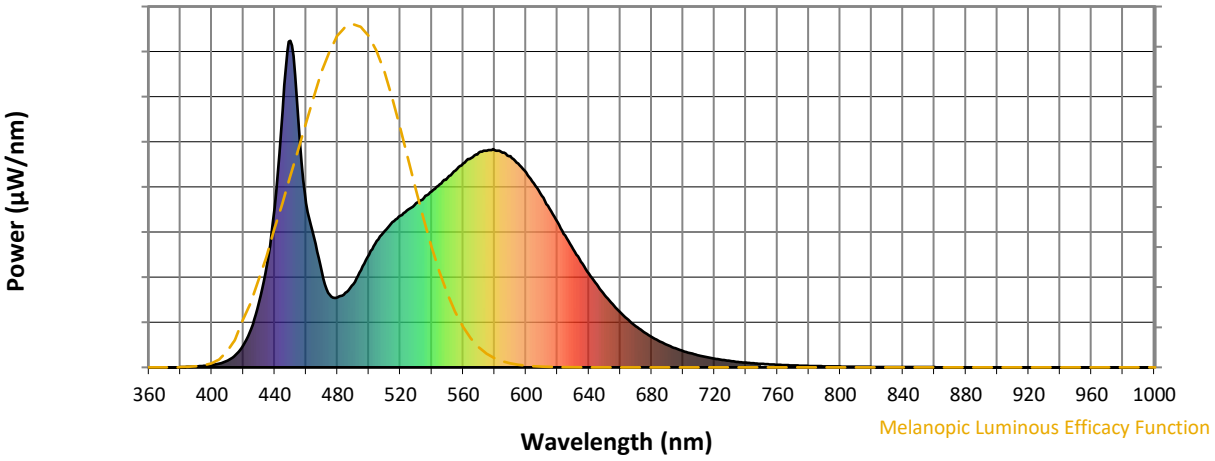


Scotopic Lumens: NR **S/P: 1.87**

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	255	NR	620	445	NR	750	11	NR	880	0	NR
365	0	NR	495	298	NR	625	403	NR	755	9	NR	885	0	NR
370	0	NR	500	345	NR	630	362	NR	760	8	NR	890	0	NR
375	0	NR	505	387	NR	635	323	NR	765	7	NR	895	0	NR
380	1	NR	510	417	NR	640	287	NR	770	6	NR	900	0	NR
385	2	NR	515	445	NR	645	254	NR	775	5	NR	905	0	NR
390	3	NR	520	464	NR	650	222	NR	780	4	NR	910	0	NR
395	5	NR	525	483	NR	655	194	NR	785	4	NR	915	0	NR
400	7	NR	530	503	NR	660	168	NR	790	3	NR	920	0	NR
405	12	NR	535	519	NR	665	146	NR	795	3	NR	925	0	NR
410	21	NR	540	539	NR	670	126	NR	800	3	NR	930	0	NR
415	38	NR	545	561	NR	675	108	NR	805	2	NR	935	0	NR
420	68	NR	550	580	NR	680	93	NR	810	2	NR	940	0	NR
425	119	NR	555	602	NR	685	80	NR	815	2	NR	945	0	NR
430	199	NR	560	624	NR	690	69	NR	820	2	NR	950	0	NR
435	315	NR	565	641	NR	695	59	NR	825	1	NR	955	0	NR
440	489	NR	570	657	NR	700	50	NR	830	1	NR	960	0	NR
445	787	NR	575	663	NR	705	43	NR	835	1	NR	965	0	NR
450	1000	NR	580	666	NR	710	36	NR	840	1	NR	970	0	NR
455	757	NR	585	657	NR	715	31	NR	845	1	NR	975	0	NR
460	503	NR	590	646	NR	720	27	NR	850	1	NR	980	0	NR
465	398	NR	595	624	NR	725	23	NR	855	1	NR	985	0	NR
470	290	NR	600	597	NR	730	20	NR	860	1	NR	990	0	NR
475	222	NR	605	564	NR	735	17	NR	865	0	NR	995	0	NR
480	215	NR	610	525	NR	740	14	NR	870	0	NR	1000	0	NR
485	228	NR	615	486	NR	745	12	NR	875	0	NR			

REPORT NUMBER: SP1-2501-332-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.92**

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	255	NR	620	445	NR	750	11	NR	880	0	NR
365	0	NR	495	298	NR	625	403	NR	755	9	NR	885	0	NR
370	0	NR	500	345	NR	630	362	NR	760	8	NR	890	0	NR
375	0	NR	505	387	NR	635	323	NR	765	7	NR	895	0	NR
380	1	NR	510	417	NR	640	287	NR	770	6	NR	900	0	NR
385	2	NR	515	445	NR	645	254	NR	775	5	NR	905	0	NR
390	3	NR	520	464	NR	650	222	NR	780	4	NR	910	0	NR
395	5	NR	525	483	NR	655	194	NR	785	4	NR	915	0	NR
400	7	NR	530	503	NR	660	168	NR	790	3	NR	920	0	NR
405	12	NR	535	519	NR	665	146	NR	795	3	NR	925	0	NR
410	21	NR	540	539	NR	670	126	NR	800	3	NR	930	0	NR
415	38	NR	545	561	NR	675	108	NR	805	2	NR	935	0	NR
420	68	NR	550	580	NR	680	93	NR	810	2	NR	940	0	NR
425	119	NR	555	602	NR	685	80	NR	815	2	NR	945	0	NR
430	199	NR	560	624	NR	690	69	NR	820	2	NR	950	0	NR
435	315	NR	565	641	NR	695	59	NR	825	1	NR	955	0	NR
440	489	NR	570	657	NR	700	50	NR	830	1	NR	960	0	NR
445	787	NR	575	663	NR	705	43	NR	835	1	NR	965	0	NR
450	1000	NR	580	666	NR	710	36	NR	840	1	NR	970	0	NR
455	757	NR	585	657	NR	715	31	NR	845	1	NR	975	0	NR
460	503	NR	590	646	NR	720	27	NR	850	1	NR	980	0	NR
465	398	NR	595	624	NR	725	23	NR	855	1	NR	985	0	NR
470	290	NR	600	597	NR	730	20	NR	860	1	NR	990	0	NR
475	222	NR	605	564	NR	735	17	NR	865	0	NR	995	0	NR
480	215	NR	610	525	NR	740	14	NR	870	0	NR	1000	0	NR
485	228	NR	615	486	NR	745	12	NR	875	0	NR			

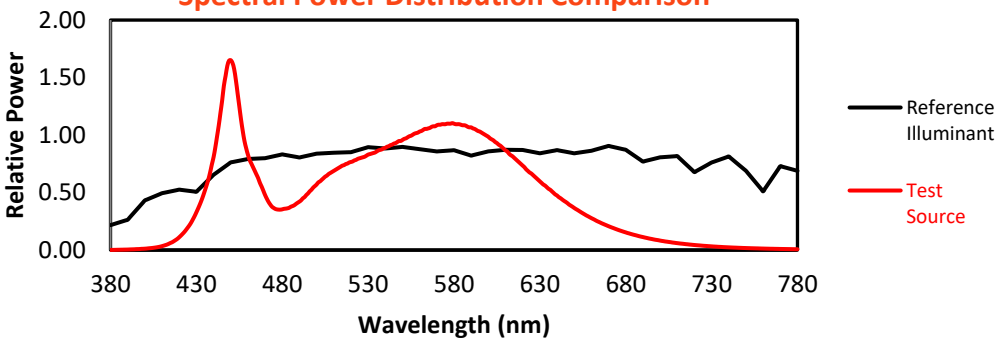
REPORT NUMBER: SP1-2501-332-5

TM-30-18

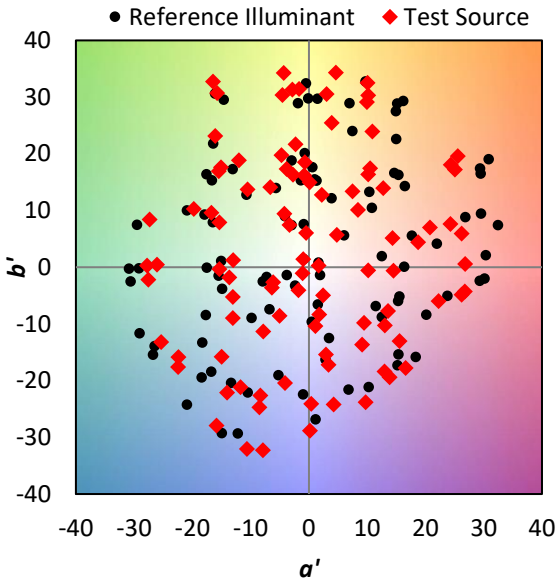
Summary

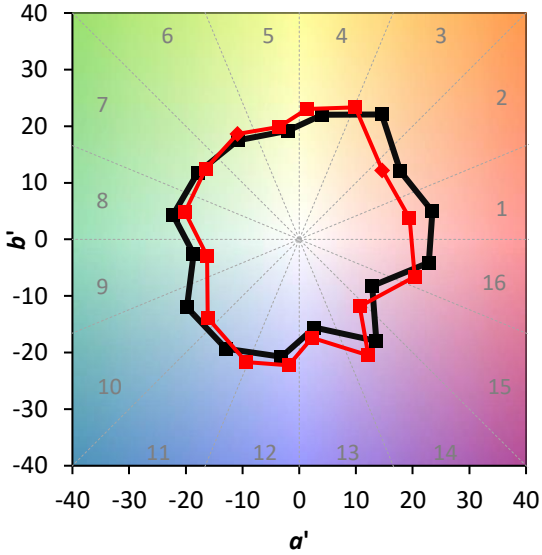
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R_g = 93.4
CIE R_a = 75.8
R_9 = -30.4

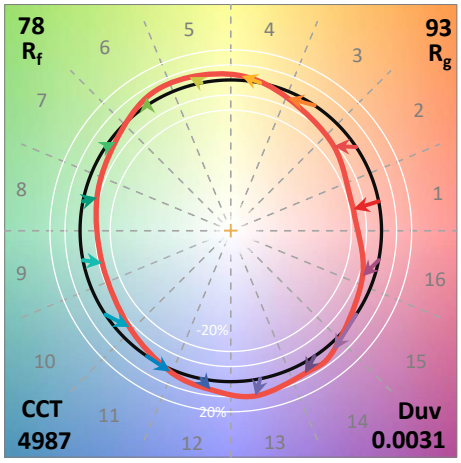
Spectral Power Distribution Comparison

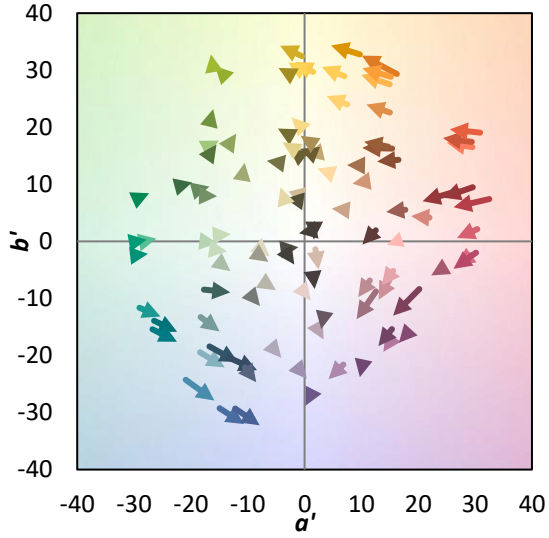


Color Vector Graphics







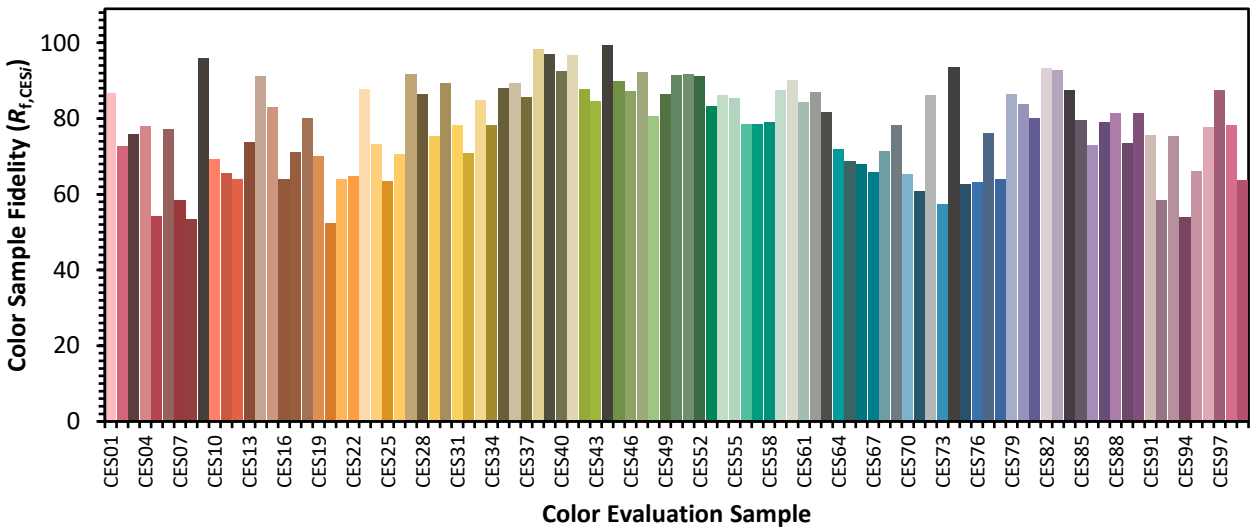


REPORT NUMBER: SP1-2501-332-5

TM-30-18

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

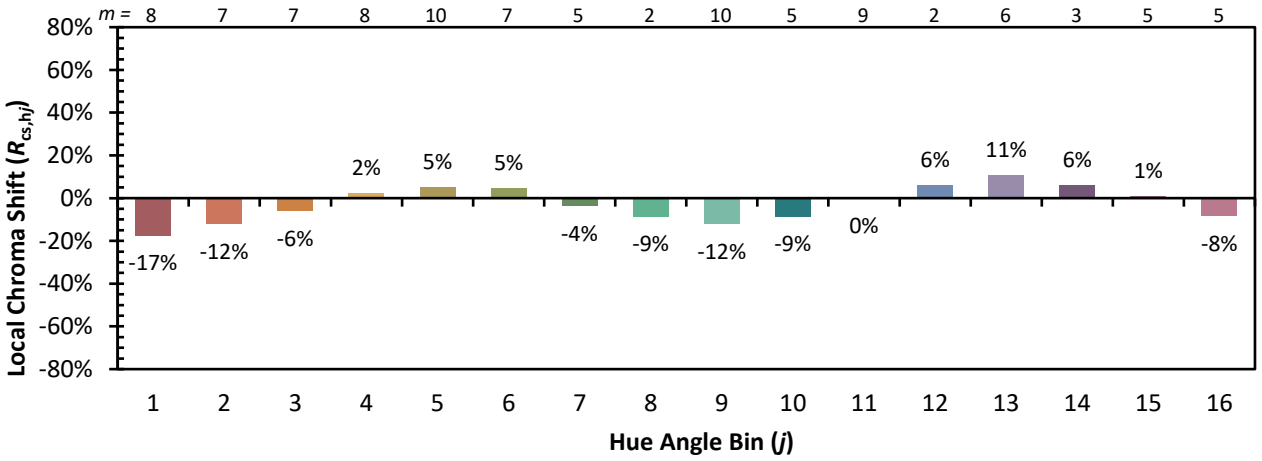
CES01 = 85	CES26 = 71	CES51 = 92	CES76 = 63
CES02 = 60	CES27 = 92	CES52 = 91	CES77 = 76
CES03 = 30	CES28 = 86	CES53 = 83	CES78 = 64
CES04 = 69	CES29 = 75	CES54 = 86	CES79 = 86
CES05 = 46	CES30 = 89	CES55 = 85	CES80 = 84
CES06 = 50	CES31 = 78	CES56 = 79	CES81 = 80
CES07 = 39	CES32 = 71	CES57 = 78	CES82 = 93
CES08 = 38	CES33 = 85	CES58 = 79	CES83 = 93
CES09 = 29	CES34 = 78	CES59 = 88	CES84 = 87
CES10 = 73	CES35 = 88	CES60 = 90	CES85 = 80
CES11 = 56	CES36 = 89	CES61 = 84	CES86 = 73
CES12 = 61	CES37 = 86	CES62 = 87	CES87 = 79
CES13 = 41	CES38 = 98	CES63 = 82	CES88 = 81
CES14 = 74	CES39 = 97	CES64 = 72	CES89 = 74
CES15 = 70	CES40 = 93	CES65 = 69	CES90 = 81
CES16 = 46	CES41 = 97	CES66 = 68	CES91 = 76
CES17 = 49	CES42 = 88	CES67 = 66	CES92 = 58
CES18 = 55	CES43 = 85	CES68 = 71	CES93 = 75
CES19 = 71	CES44 = 99	CES69 = 78	CES94 = 54
CES20 = 64	CES45 = 90	CES70 = 65	CES95 = 66
CES21 = 85	CES46 = 87	CES71 = 61	CES96 = 78
CES22 = 77	CES47 = 92	CES72 = 86	CES97 = 88
CES23 = 91	CES48 = 81	CES73 = 57	CES98 = 78
CES24 = 90	CES49 = 86	CES74 = 93	CES99 = 64
CES25 = 71	CES50 = 91	CES75 = 63	

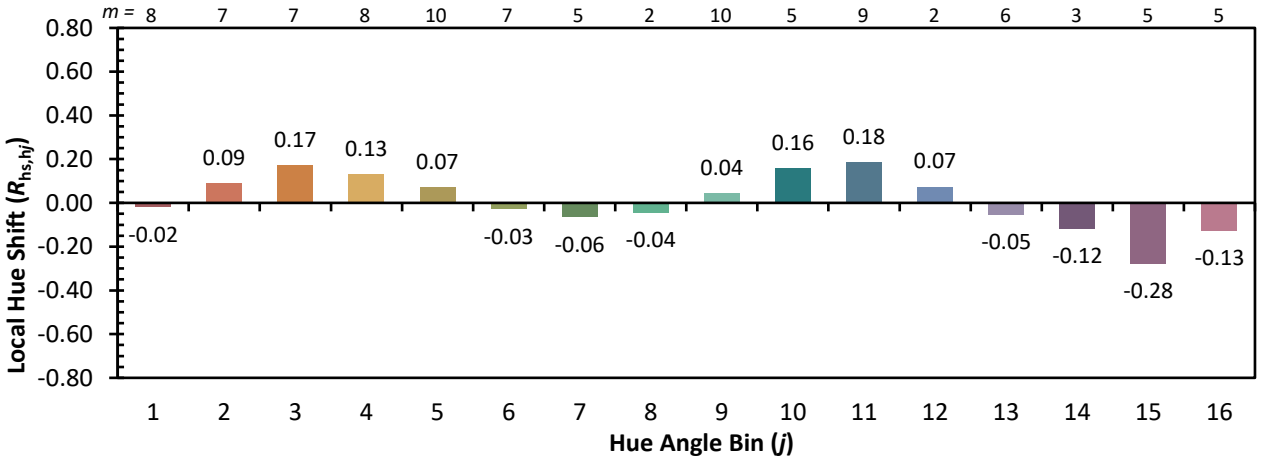


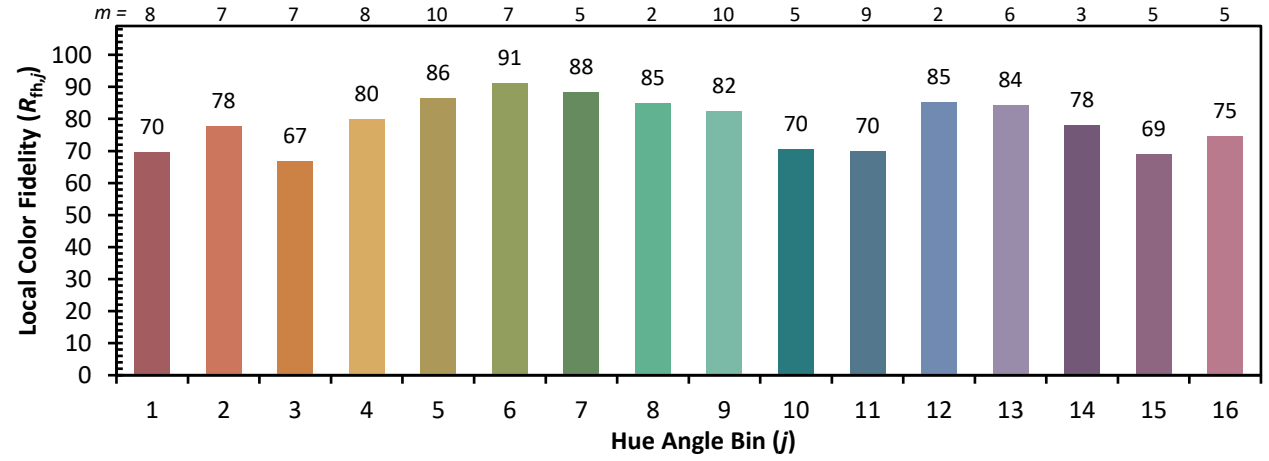
REPORT NUMBER: SP1-2501-332-5

TM-30-18

Color Rendition by Hue-Angle Bin



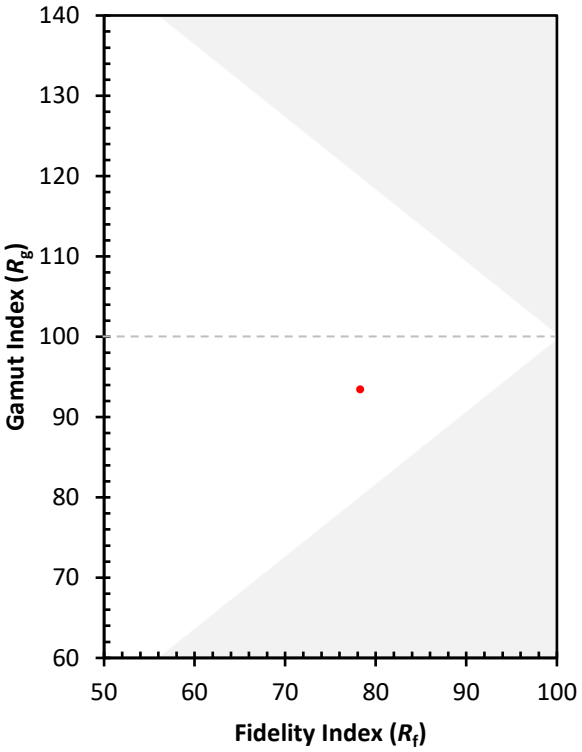


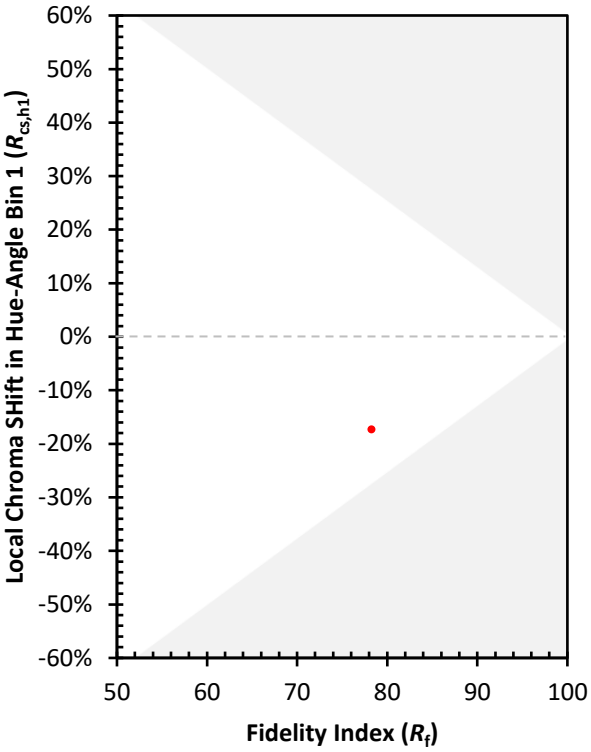


REPORT NUMBER: SP1-2501-332-5

TM-30-18

Measure Comparisons





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