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: P981254

Luminaire Tested: **FFX-CLB-90-740-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:	P981254
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-90-740-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:	15453.7 lumens
Efficiency:	N/A
Efficacy:	170.6 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G5

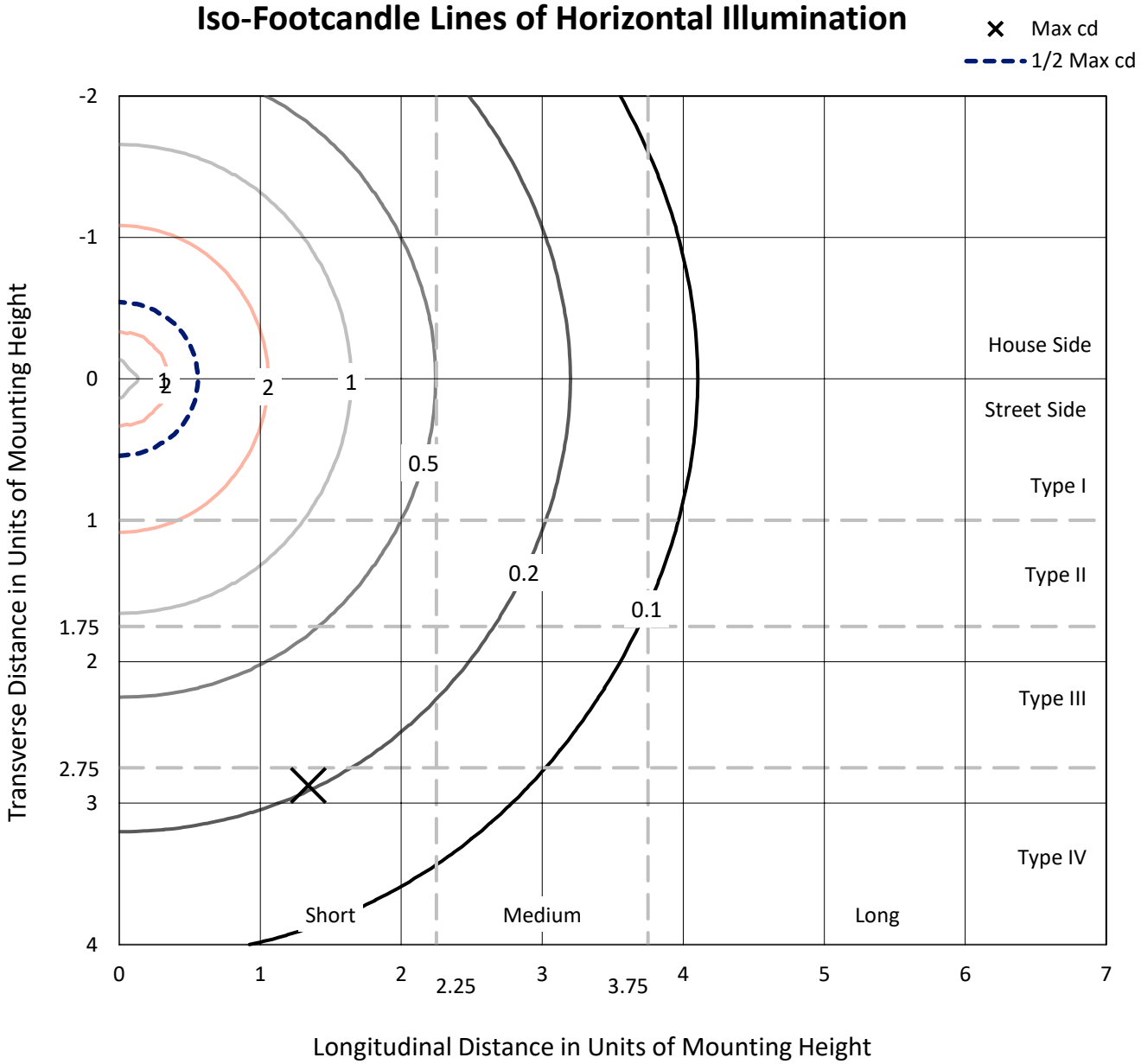
Input Watts (W):	90.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981254
CATALOG NUMBER: FFX-CLB-90-740-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



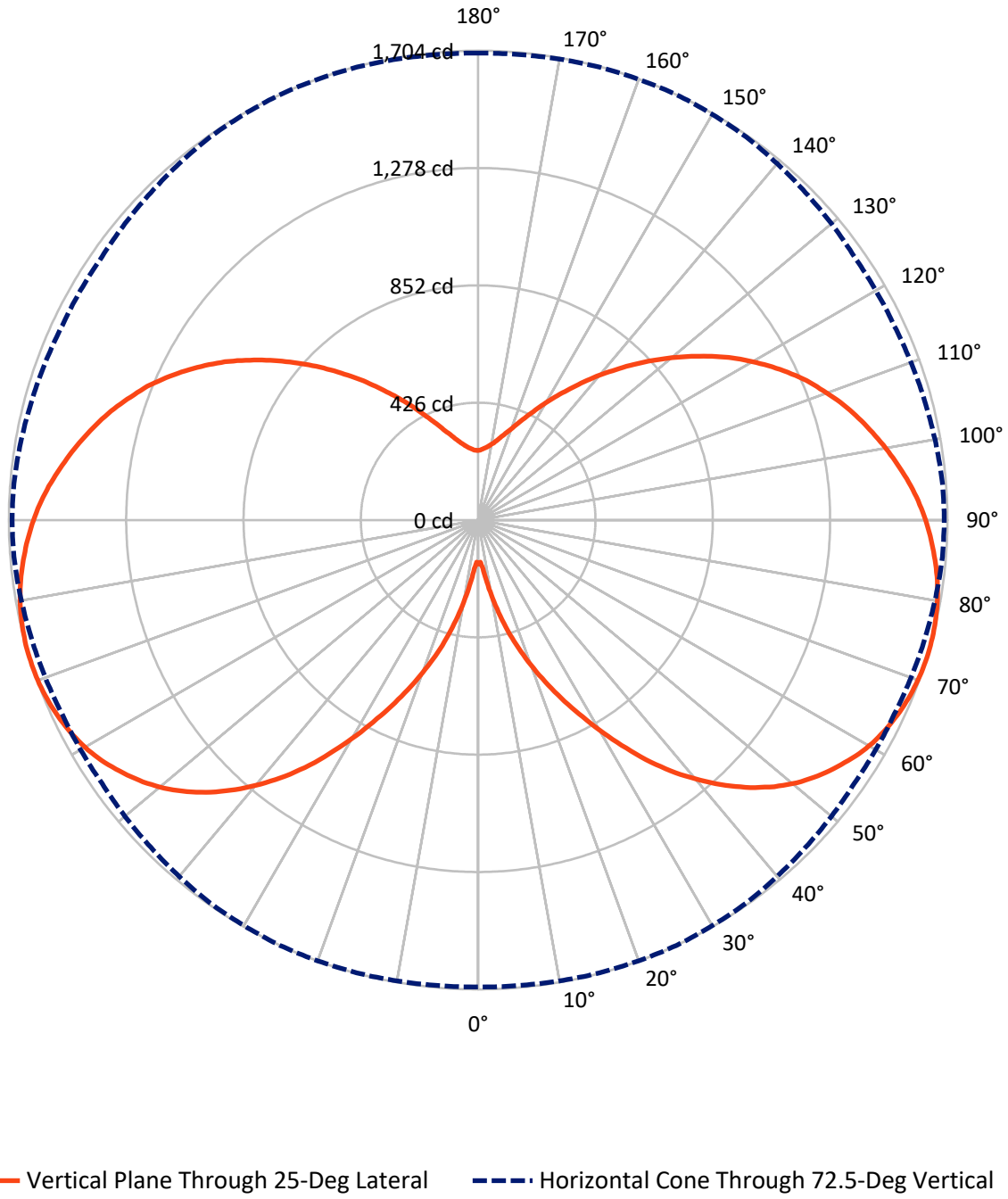
Based on 15 foot mounting height. Maximum calculated value = 2.7 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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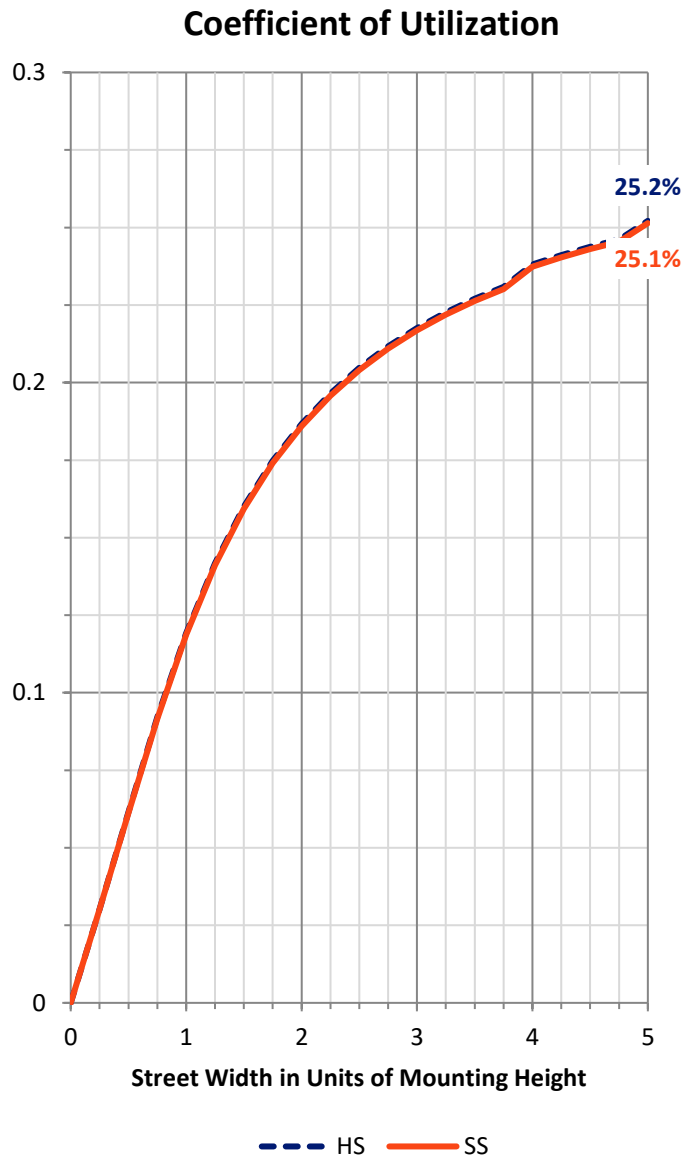
REPORT NUMBER: P981254
CATALOG NUMBER: FFX-CLB-90-740-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4420.7	3306.1	7726.9
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	4420.7	3306.1	7726.9
	% Fixture	28.6	21.4	50.0
Total	Lumens	8841.5	6612.2	15453.7
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.7	0.1
10°-20°	125.7	0.8
20°-30°	340.2	2.2
30°-40°	671.7	4.3
40°-50°	1058.3	6.8
50°-60°	1402.3	9.1
60°-70°	1648.8	10.7
70°-80°	1781.3	11.5
80°-90°	1792.3	11.6
90°-100°	1687.6	10.9
100°-110°	1491.7	9.7
110°-120°	1229.7	8.0
120°-130°	919.2	5.9
130°-140°	613.7	4.0
140°-150°	364.6	2.4
150°-160°	191.9	1.2
160°-170°	88.5	0.6
170°-180°	25.3	0.2
0°-90°	8841.5	57.2
0°-180°	15453.7	100.0



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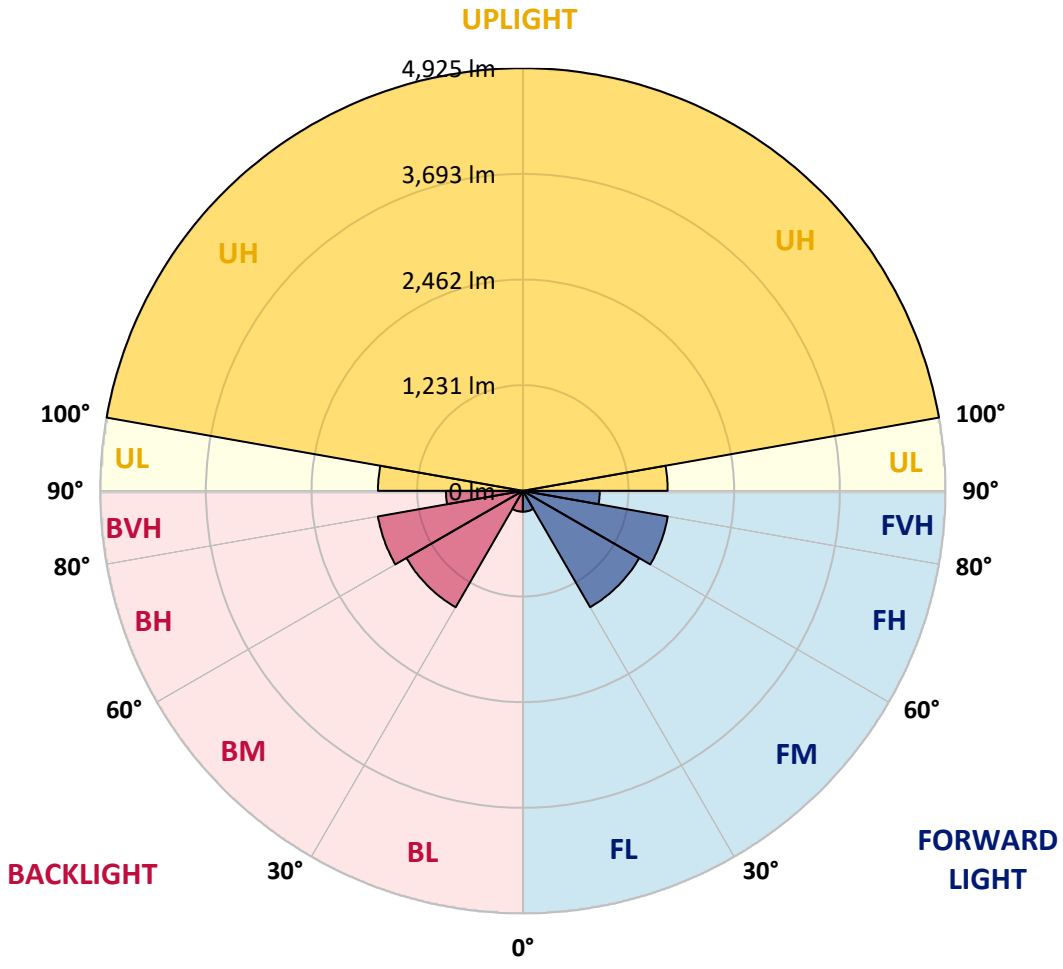
Scaled Data Report

REPORT NUMBER: P981254
CATALOG NUMBER: FFX-CLB-90-740-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	243.3	1.6			
FM	(30°-60°)	1566.2	10.1			
FH	(60°-80°)	1715.1	11.1			G1/1800
FVH	(80°-90°)	896.2	5.8			G5
BL	(0°-30°)	243.3	1.6	B1/500		
BM	(30°-60°)	1566.2	10.1	B2/2500		
BH	(60°-80°)	1715.1	11.1	B3/2500		G1/1800
BVH	(80°-90°)	896.2	5.8			G5
UL	(90°-100°)	1687.6	10.9		U5	
UH	(100°-180°)	4924.6	31.9		U5	

BUG Rating: B3-U5-G5
Type V Short



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REPORT NUMBER: P981254
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	160.5	160.5	160.5	160.5	160.5	160.5	160.5	160.5	160.5	160.5	160.5
2.5°	150.9	150.9	151.8	152.8	153.8	154.7	155.7	156.7	157.6	156.7	156.7
5°	174.1	176.0	176.0	176.0	175.1	176.0	178.0	178.0	179.9	178.9	178.0
7.5°	223.4	228.2	228.2	227.3	226.3	227.3	226.3	226.3	226.3	225.3	227.3
10°	291.1	289.2	290.1	289.2	287.2	288.2	289.2	287.2	287.2	287.2	287.2
12.5°	356.9	355.9	358.8	357.8	358.8	355.9	357.8	355.9	355.9	353.0	354.0
15°	434.2	434.2	433.3	430.4	431.3	427.5	429.4	428.4	425.5	425.5	424.6
17.5°	505.8	504.8	505.8	501.9	501.9	501.0	499.0	498.1	498.1	495.2	494.2
20°	577.4	575.4	574.5	574.5	571.6	571.6	569.6	565.8	563.8	564.8	562.9
22.5°	654.8	650.9	650.9	650.9	645.1	643.1	642.2	638.3	638.3	635.4	635.4
25°	732.1	733.1	733.1	729.2	726.3	722.5	720.5	717.6	714.7	713.7	714.7
27.5°	817.2	819.2	816.3	809.5	808.5	804.7	799.8	796.0	796.9	792.1	796.0
30°	910.1	906.2	900.4	898.5	894.6	890.7	886.9	879.1	880.1	878.2	879.1
32.5°	995.2	995.2	993.2	987.4	984.5	975.8	972.0	962.3	963.3	962.3	958.4
35°	1088.0	1085.1	1081.3	1080.3	1070.6	1064.8	1058.0	1047.4	1049.3	1048.4	1049.3
37.5°	1166.4	1167.3	1169.3	1164.4	1155.7	1148.0	1140.3	1132.5	1130.6	1131.6	1129.6
40°	1251.5	1250.5	1248.6	1242.8	1236.0	1227.3	1217.6	1212.8	1207.0	1210.9	1209.9
42.5°	1321.1	1324.0	1323.0	1317.2	1308.5	1299.8	1292.1	1284.4	1281.5	1280.5	1280.5
45°	1388.8	1389.8	1386.9	1385.9	1374.3	1366.6	1356.9	1350.1	1348.2	1348.2	1351.1
47.5°	1451.7	1450.7	1448.8	1446.8	1438.1	1426.5	1414.9	1410.1	1409.1	1411.1	1412.0
50°	1502.0	1503.9	1502.9	1500.0	1491.3	1480.7	1468.1	1463.3	1464.2	1466.2	1467.1
52.5°	1547.4	1547.4	1548.4	1544.5	1536.8	1525.2	1513.6	1509.7	1509.7	1512.6	1510.7
55°	1582.2	1584.2	1585.1	1582.2	1577.4	1563.9	1552.3	1545.5	1548.4	1551.3	1552.3
57.5°	1615.1	1617.1	1617.1	1617.1	1609.3	1596.7	1585.1	1579.3	1583.2	1588.0	1589.0
60°	1641.2	1642.2	1645.1	1645.1	1638.3	1623.8	1611.3	1606.4	1611.3	1618.0	1617.1
62.5°	1660.6	1660.6	1664.4	1665.4	1658.6	1644.1	1631.6	1627.7	1633.5	1641.2	1644.1
65°	1677.0	1678.0	1680.9	1681.9	1676.0	1659.6	1646.1	1645.1	1652.8	1660.6	1661.5
67.5°	1685.7	1686.7	1691.5	1693.5	1686.7	1670.2	1657.7	1654.8	1665.4	1675.1	1676.0
70°	1691.5	1693.5	1699.3	1701.2	1694.4	1677.0	1663.5	1662.5	1674.1	1684.8	1685.7
72.5°	1695.4	1696.4	1702.2	1704.1	1697.3	1680.9	1667.3	1667.3	1678.0	1690.6	1692.5
75°	1695.4	1696.4	1701.2	1704.1	1697.3	1679.9	1665.4	1665.4	1679.9	1692.5	1695.4
77.5°	1687.7	1690.6	1696.4	1699.3	1692.5	1675.1	1661.5	1661.5	1676.0	1689.6	1692.5
80°	1679.9	1680.9	1687.7	1691.5	1683.8	1667.3	1652.8	1652.8	1668.3	1682.8	1684.8
82.5°	1667.3	1668.3	1675.1	1678.9	1672.2	1654.8	1640.3	1641.2	1655.7	1670.2	1672.2
85°	1649.9	1651.9	1658.6	1661.5	1655.7	1637.4	1623.8	1624.8	1640.3	1653.8	1655.7
87.5°	1631.6	1631.6	1639.3	1642.2	1636.4	1618.0	1604.5	1604.5	1620.0	1634.5	1635.4
90°	1606.4	1608.3	1615.1	1620.0	1612.2	1596.7	1582.2	1582.2	1596.7	1610.3	1614.2
92.5°	1583.2	1584.2	1590.9	1593.8	1587.1	1570.6	1558.1	1558.1	1572.6	1586.1	1588.0
95°	1555.2	1555.2	1560.0	1563.9	1556.1	1542.6	1531.0	1531.0	1542.6	1554.2	1556.1
97.5°	1525.2	1525.2	1531.0	1530.0	1524.2	1509.7	1500.0	1499.1	1510.7	1520.3	1523.2
100°	1491.3	1493.3	1497.1	1496.2	1491.3	1476.8	1468.1	1468.1	1476.8	1485.5	1487.5
102.5°	1458.4	1458.4	1460.4	1459.4	1452.6	1440.1	1435.2	1434.3	1442.0	1447.8	1448.8
105°	1424.6	1424.6	1422.7	1422.7	1414.0	1404.3	1398.5	1398.5	1405.2	1409.1	1409.1
107.5°	1385.9	1384.0	1385.9	1383.0	1374.3	1364.6	1361.7	1360.8	1363.7	1367.5	1365.6
110°	1346.3	1345.3	1344.3	1338.5	1331.7	1325.9	1321.1	1321.1	1324.0	1325.0	1325.0

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Scaled Data Report

REPORT NUMBER: P981254
CATALOG NUMBER: FFX-CLB-90-740-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1304.7	1303.7	1300.8	*1296.0*	1288.2	1282.4	1278.6	1278.6	1279.5	1278.6	1276.6
115°	1259.2	1257.3	1254.4	*1245.7*	1237.9	1234.1	1232.1	1234.1	1233.1	1230.2	1230.2
117.5°	1209.9	1208.0	1203.1	*1193.4*	1186.7	1183.8	1184.7	1183.8	1181.8	1178.9	1179.9
120°	1154.8	1154.8	1147.0	*1139.3*	1133.5	1133.5	1132.5	1132.5	1129.6	1125.7	1123.8
122.5°	1097.7	1097.7	1090.9	*1084.2*	1077.4	1077.4	1078.4	1077.4	1075.5	1071.6	1069.7
125°	1042.6	1037.7	1031.9	*1024.2*	1019.4	1018.4	1021.3	1022.3	1018.4	1013.6	1014.5
127.5°	981.6	978.7	972.9	*964.2*	960.4	959.4	962.3	964.2	959.4	956.5	955.5
130°	917.8	915.9	911.0	*904.3*	900.4	901.4	904.3	907.2	902.3	899.4	897.5
132.5°	854.9	854.9	852.0	*845.3*	840.4	844.3	846.2	848.2	843.3	842.4	841.4
135°	797.9	796.9	791.1	*787.2*	783.4	784.3	788.2	787.2	786.3	784.3	782.4
137.5°	738.9	738.9	736.0	*729.2*	729.2	730.2	732.1	732.1	733.1	729.2	730.2
140°	683.8	682.8	680.9	*676.0*	673.1	675.1	677.0	678.0	678.0	674.1	675.1
142.5°	631.5	630.6	624.8	*621.9*	621.9	622.8	623.8	624.8	624.8	622.8	623.8
145°	575.4	577.4	574.5	*571.6*	571.6	571.6	574.5	575.4	576.4	574.5	574.5
147.5°	529.0	531.0	528.1	*526.1*	526.1	526.1	528.1	529.0	527.1	528.1	528.1
150°	485.5	485.5	483.6	*482.6*	481.6	482.6	484.5	485.5	485.5	483.6	483.6
152.5°	443.9	442.9	442.0	*442.0*	442.0	442.0	443.9	443.9	444.9	444.9	442.9
155°	408.1	407.2	407.2	*406.2*	407.2	407.2	407.2	408.1	408.1	409.1	410.1
157.5°	375.2	374.3	375.2	*375.2*	375.2	376.2	376.2	377.2	375.2	376.2	377.2
160°	348.2	349.1	348.2	*347.2*	347.2	348.2	348.2	349.1	349.1	348.2	349.1
162.5°	325.0	325.0	324.0	*325.0*	325.9	325.0	325.0	325.9	325.9	325.9	325.9
165°	306.6	305.6	305.6	*305.6*	305.6	305.6	306.6	306.6	306.6	306.6	307.5
167.5°	290.1	289.2	289.2	*289.2*	290.1	290.1	290.1	291.1	291.1	291.1	290.1
170°	277.6	276.6	276.6	*276.6*	277.6	277.6	277.6	277.6	277.6	277.6	277.6
172.5°	266.9	266.9	266.9	*266.9*	266.9	266.9	266.9	266.9	266.9	267.9	266.9
175°	260.2	260.2	260.2	*260.2*	259.2	259.2	260.2	260.2	260.2	260.2	260.2
177.5°	254.4	254.4	255.3	*254.4*	254.4	254.4	255.3	255.3	255.3	254.4	254.4
180°	252.4	252.4	252.4	*252.4*	252.4	252.4	252.4	252.4	252.4	252.4	252.4

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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

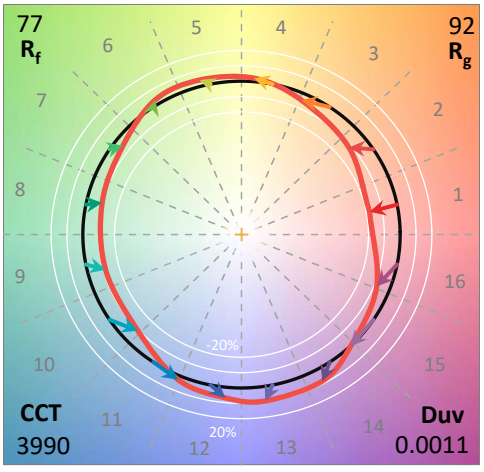
Test Information

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



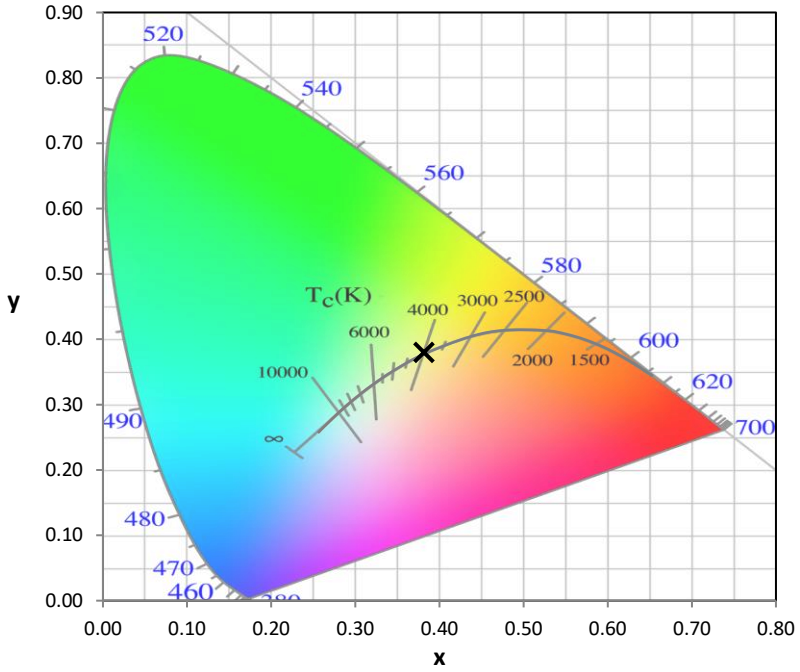
Test Conditions

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

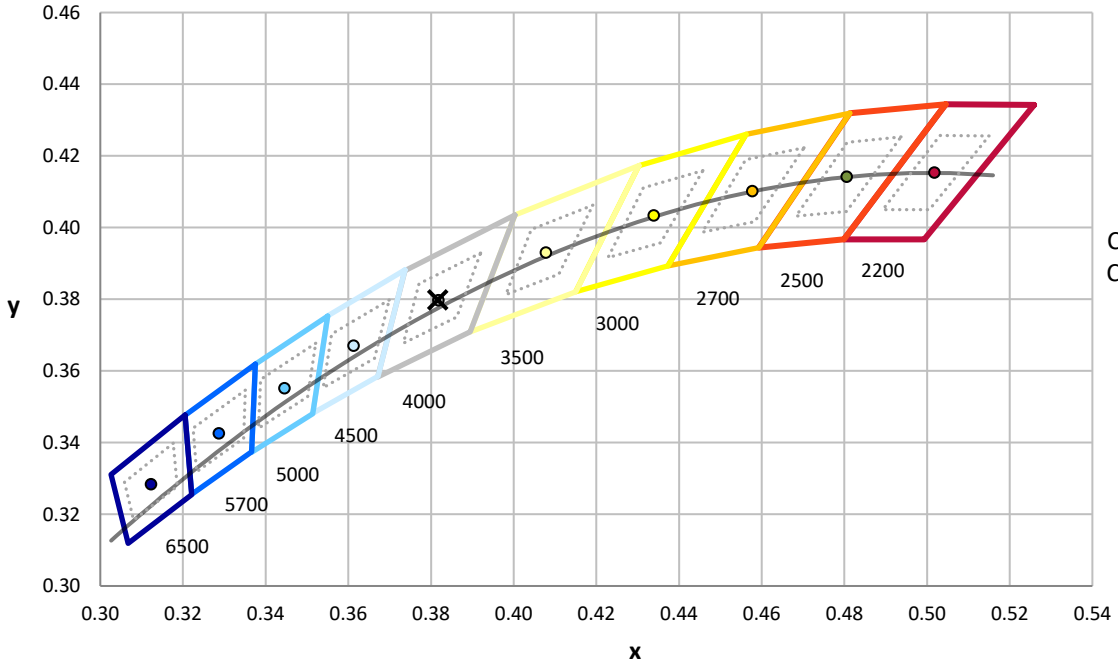
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

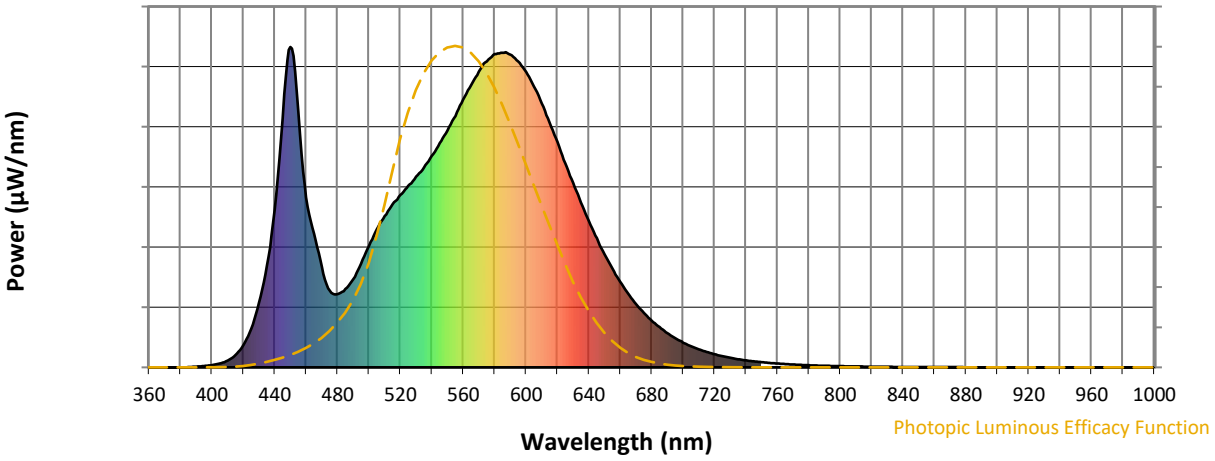


CCT = 3990K
CIE x = 0.3816
CIE y = 0.3798
Duv = 0.0011

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-1

Photopic Flux vs. Wavelength

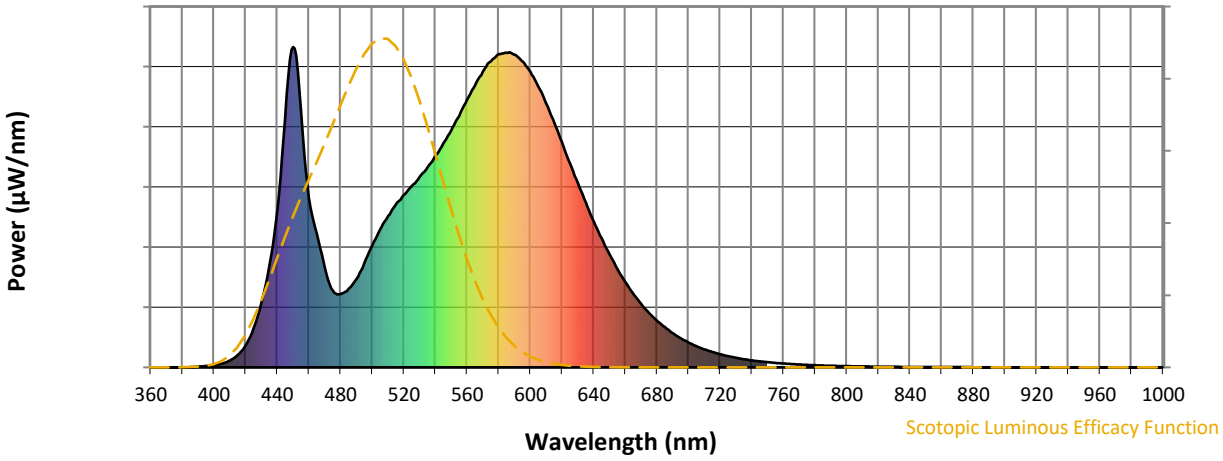


Photopic Lumens: NR

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

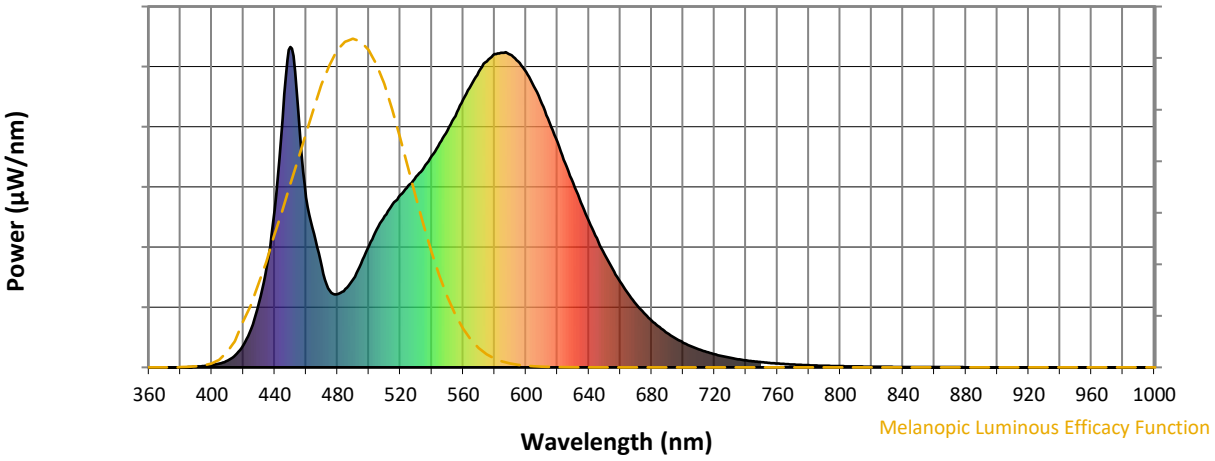


Scotopic Lumens: NR **S/P: 1.59**

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			

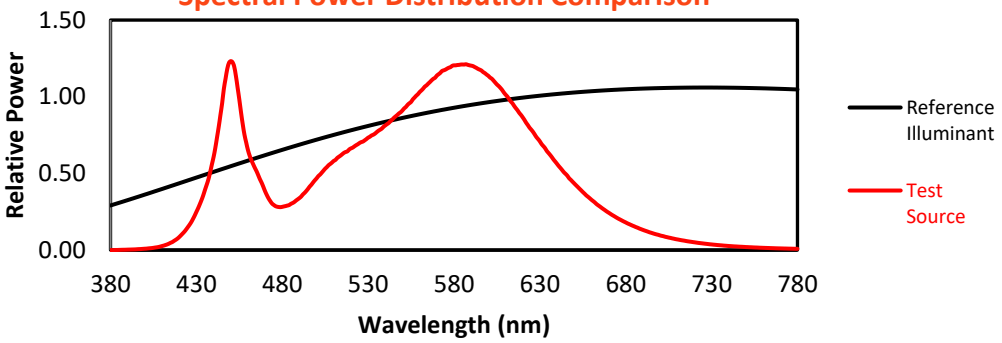
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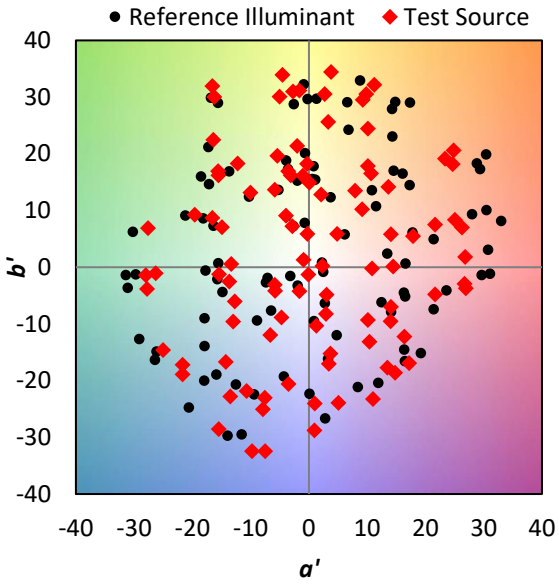
Summary

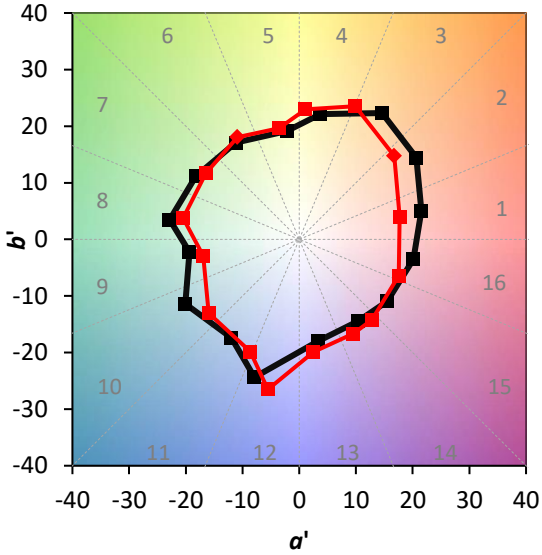
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R_g = 91.9
CIE R_a = 73.9
R_9 = -36.4

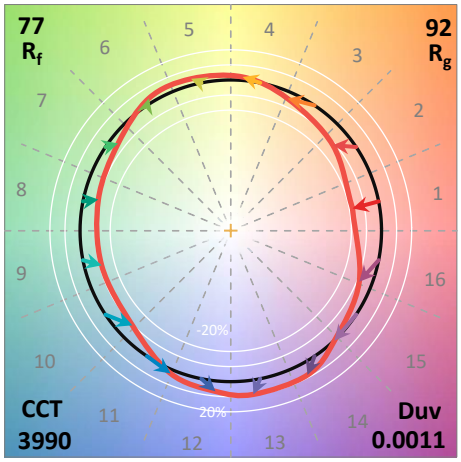
Spectral Power Distribution Comparison

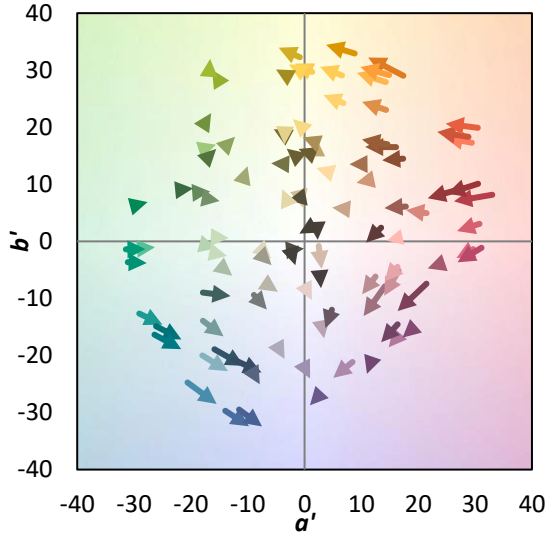


Color Vector Graphics







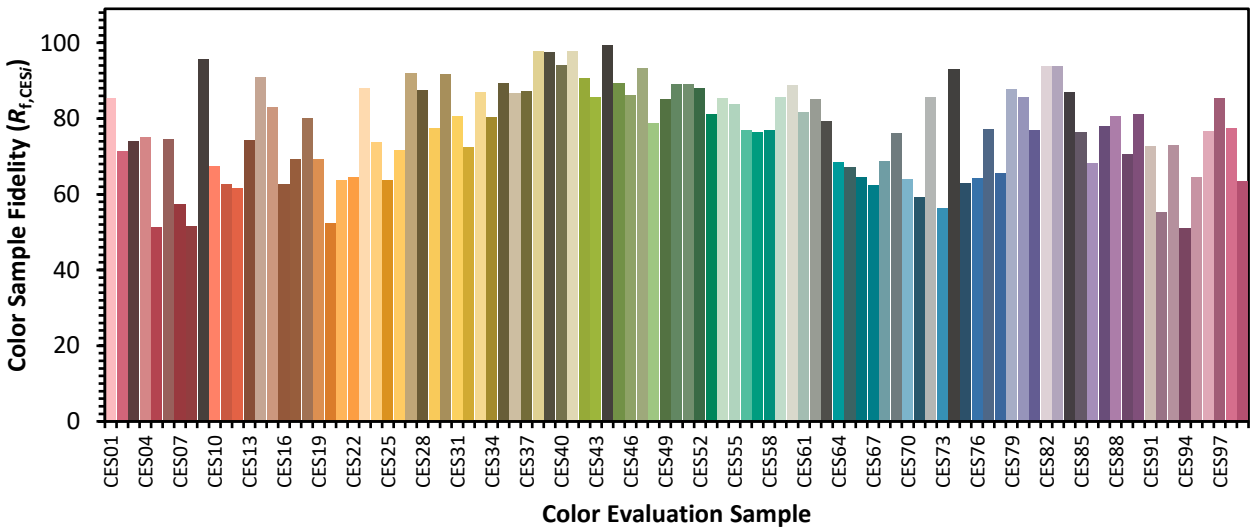


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Individual Sample Fidelity Index ($R_{f,i}$)

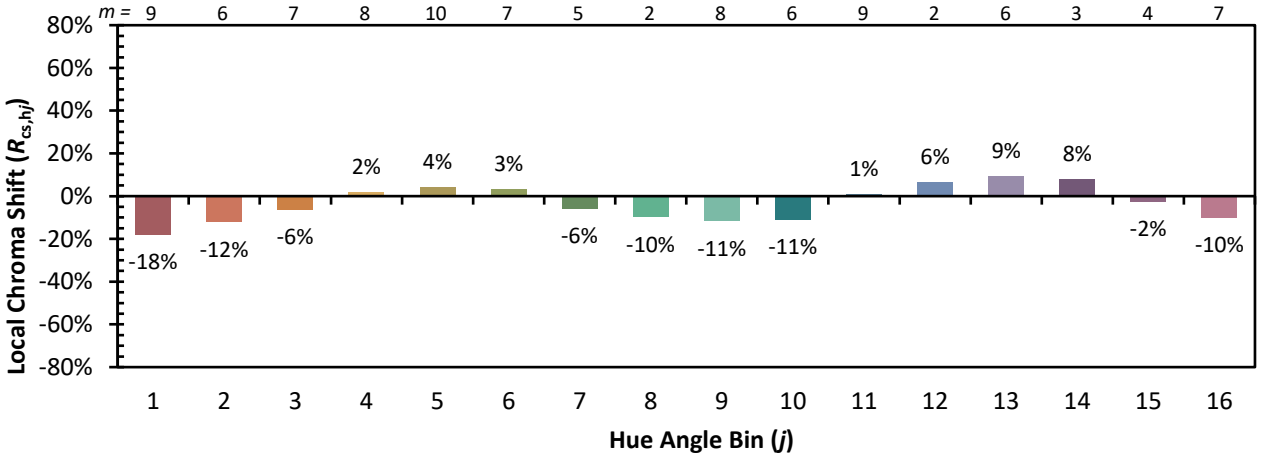
CES01 = 85	CES26 = 72	CES51 = 89	CES76 = 64
CES02 = 61	CES27 = 92	CES52 = 88	CES77 = 77
CES03 = 30	CES28 = 88	CES53 = 81	CES78 = 65
CES04 = 70	CES29 = 78	CES54 = 85	CES79 = 88
CES05 = 47	CES30 = 92	CES55 = 84	CES80 = 86
CES06 = 50	CES31 = 81	CES56 = 77	CES81 = 77
CES07 = 40	CES32 = 72	CES57 = 76	CES82 = 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	

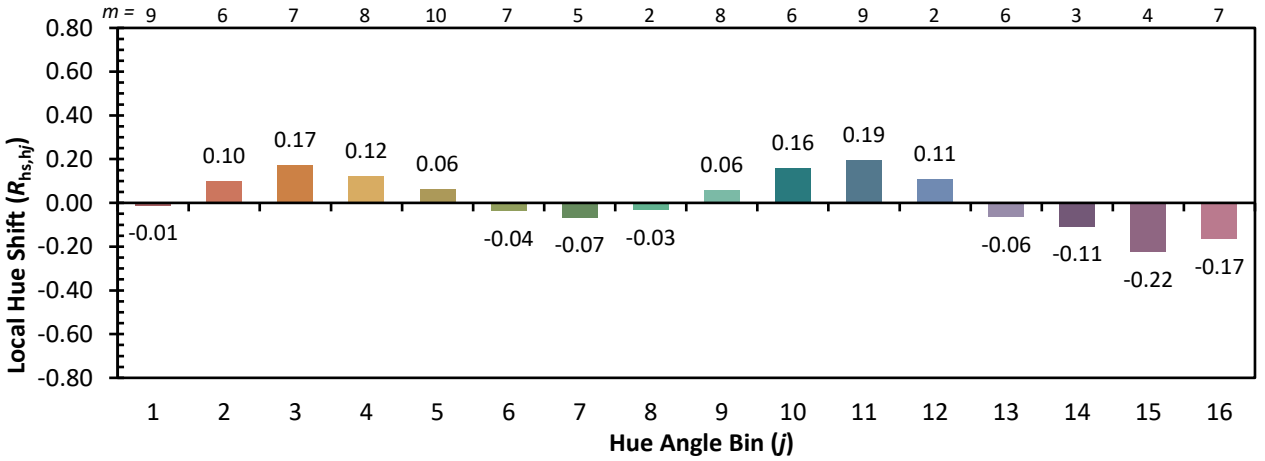


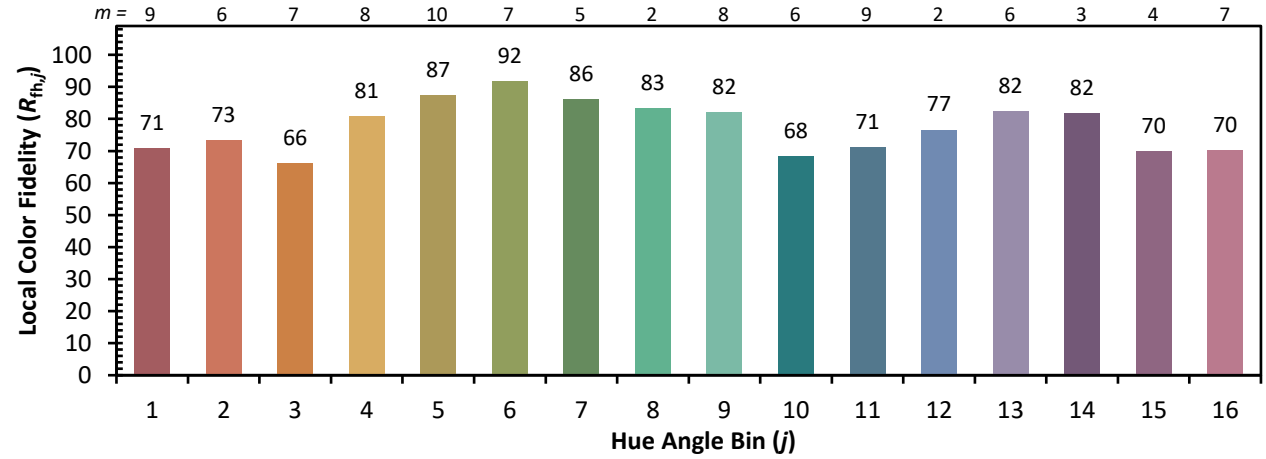
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Color Rendition by Hue-Angle Bin



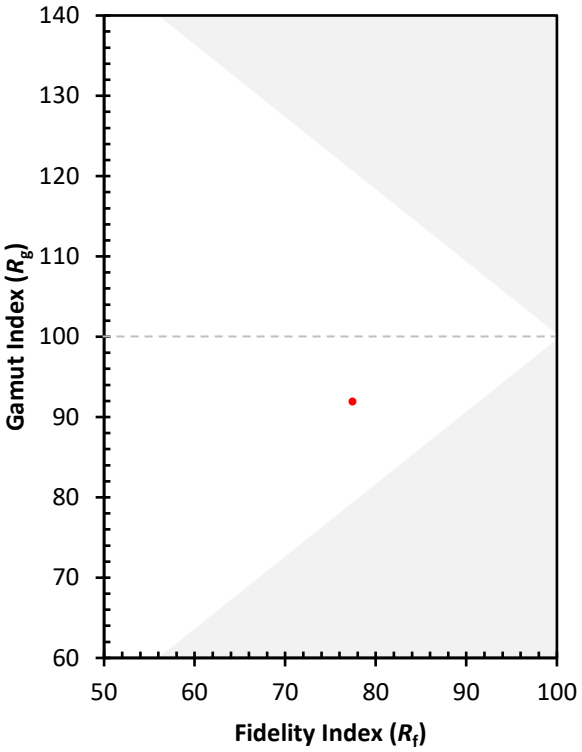


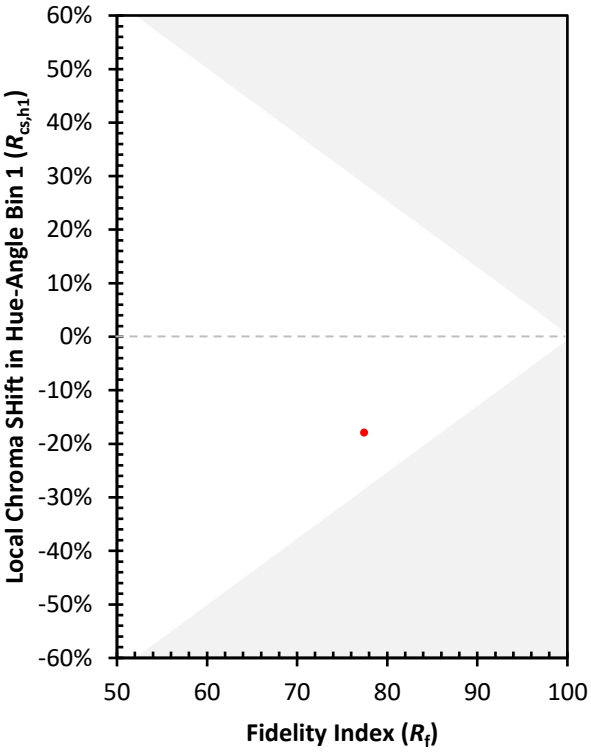


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Measure Comparisons





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