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: P981244

Luminaire Tested: **FFX-CLB-100-730-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:	P981244
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-100-730-U-VM8-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source:	(6) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15526.5 lumens
Efficiency:	N/A
Efficacy:	160.1 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G5

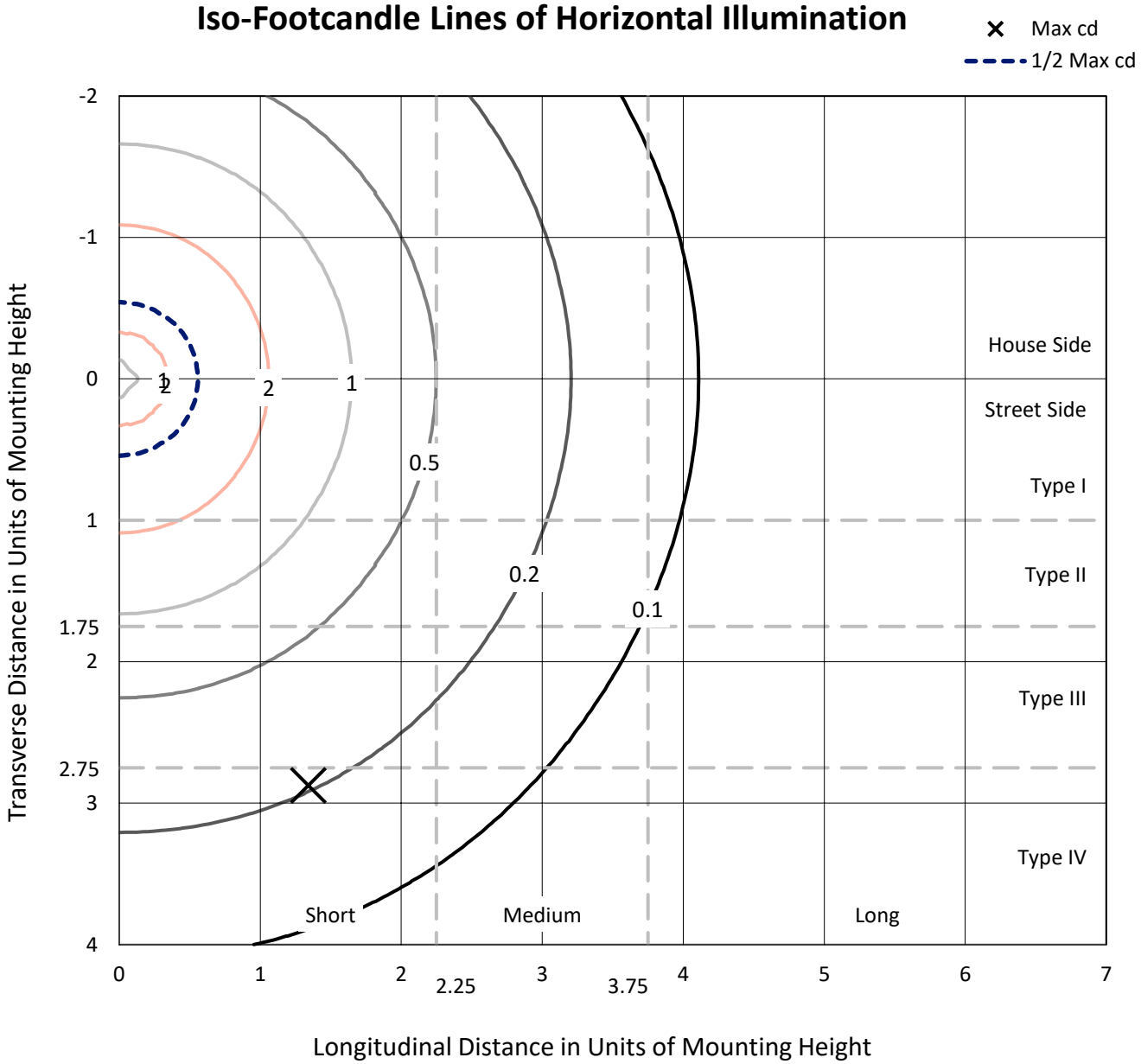
Input Watts (W):	97
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P981244
CATALOG NUMBER: FFX-CLB-100-730-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



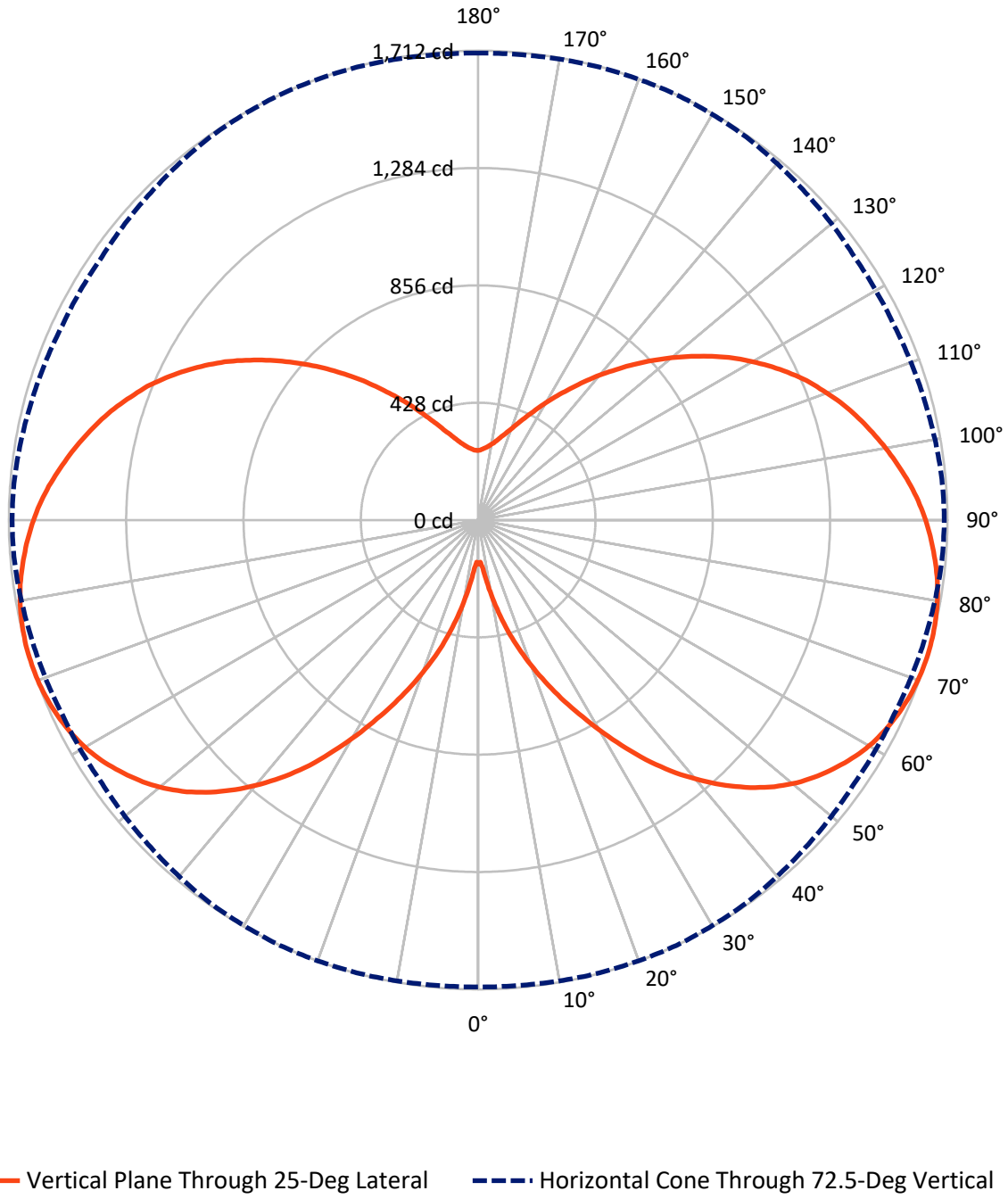
Based on 15 foot mounting height. Maximum calculated value = 2.7 fc
Type V - Short - N/A

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REPORT NUMBER: P981244
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Luminous Intensity Polar Plot



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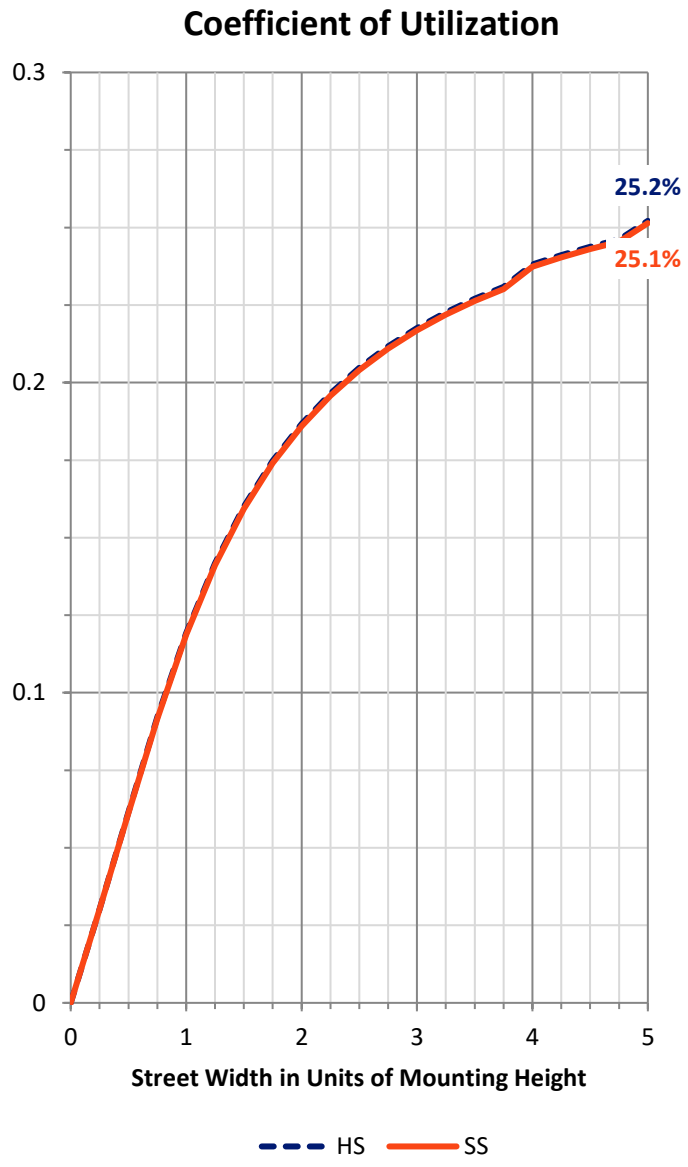
REPORT NUMBER: P981244
CATALOG NUMBER: FFX-CLB-100-730-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4441.6	3321.7	7763.3
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	4441.6	3321.7	7763.3
	% Fixture	28.6	21.4	50.0
Total	Lumens	8883.1	6643.4	15526.5
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.8	0.1
10°-20°	126.3	0.8
20°-30°	341.8	2.2
30°-40°	674.9	4.3
40°-50°	1063.3	6.8
50°-60°	1408.9	9.1
60°-70°	1656.6	10.7
70°-80°	1789.7	11.5
80°-90°	1800.8	11.6
90°-100°	1695.6	10.9
100°-110°	1498.7	9.7
110°-120°	1235.5	8.0
120°-130°	923.5	5.9
130°-140°	616.6	4.0
140°-150°	366.3	2.4
150°-160°	192.8	1.2
160°-170°	88.9	0.6
170°-180°	25.5	0.2
0°-90°	8883.1	57.2
0°-180°	15526.5	100.0



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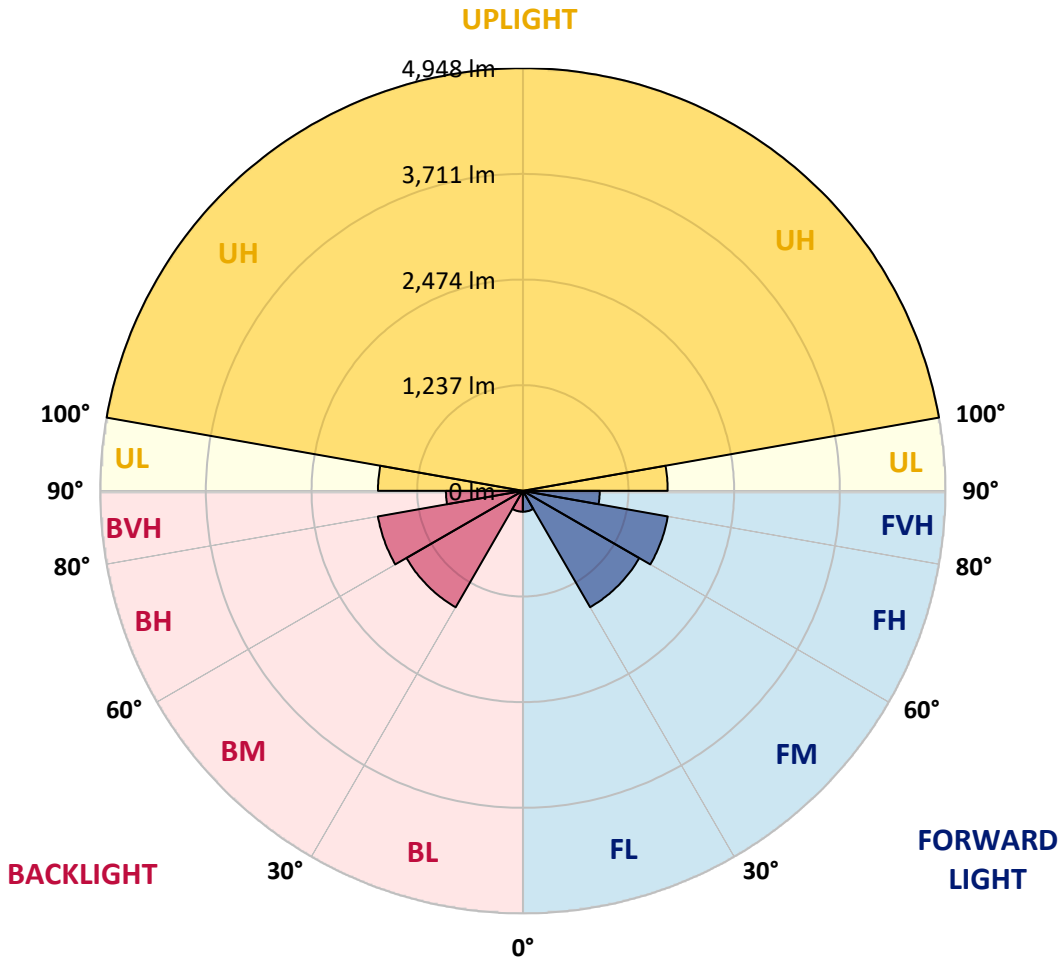
Scaled Data Report

REPORT NUMBER: P981244
CATALOG NUMBER: FFX-CLB-100-730-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	244.5	1.6			
FM	(30°-60°)	1573.6	10.1			
FH	(60°-80°)	1723.1	11.1			G1/1800
FVH	(80°-90°)	900.4	5.8			G5
BL	(0°-30°)	244.5	1.6	B1/500		
BM	(30°-60°)	1573.6	10.1	B2/2500		
BH	(60°-80°)	1723.1	11.1	B3/2500		G1/1800
BVH	(80°-90°)	900.4	5.8			G5
UL	(90°-100°)	1695.6	10.9		U5	
UH	(100°-180°)	4947.8	31.9		U5	

BUG Rating: B3-U5-G5
Type V Short



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REPORT NUMBER: P981244
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	161.3	161.3	161.3	161.3	161.3	161.3	161.3	161.3	161.3	161.3	161.3
2.5°	151.6	151.6	152.6	153.5	154.5	155.5	156.4	157.4	158.4	157.4	157.4
5°	174.9	176.8	176.8	176.8	175.9	176.8	178.8	178.8	180.7	179.8	178.8
7.5°	224.5	229.3	229.3	228.3	227.4	228.3	227.4	227.4	227.4	226.4	228.3
10°	292.5	290.5	291.5	290.5	288.6	289.6	290.5	288.6	288.6	288.6	288.6
12.5°	358.6	357.6	360.5	359.5	360.5	357.6	359.5	357.6	357.6	354.7	355.6
15°	436.3	436.3	435.3	432.4	433.4	429.5	431.4	430.5	427.5	427.5	426.6
17.5°	508.2	507.2	508.2	504.3	504.3	503.3	501.4	500.4	500.4	497.5	496.5
20°	580.1	578.2	577.2	577.2	574.3	574.3	572.3	568.4	566.5	567.5	565.5
22.5°	657.8	653.9	653.9	653.9	648.1	646.2	645.2	641.3	641.3	638.4	638.4
25°	735.6	736.5	736.5	732.7	729.7	725.9	723.9	721.0	718.1	717.1	718.1
27.5°	821.1	823.0	820.1	813.3	812.3	808.4	803.6	799.7	800.7	795.8	799.7
30°	914.4	910.5	904.6	902.7	898.8	894.9	891.0	883.3	884.2	882.3	883.3
32.5°	999.9	999.9	997.9	992.1	989.2	980.4	976.6	966.8	967.8	966.8	962.9
35°	1093.2	1090.2	1086.4	1085.4	1075.7	1069.8	1063.0	1052.3	1054.3	1053.3	1054.3
37.5°	1171.9	1172.8	1174.8	1169.9	1161.2	1153.4	1145.6	1137.9	1135.9	1136.9	1134.9
40°	1257.4	1256.4	1254.5	1248.6	1241.8	1233.1	1223.4	1218.5	1212.7	1216.6	1215.6
42.5°	1327.3	1330.2	1329.3	1323.4	1314.7	1306.0	1298.2	1290.4	1287.5	1286.5	1286.5
45°	1395.4	1396.3	1393.4	1392.4	1380.8	1373.0	1363.3	1356.5	1354.5	1354.5	1357.5
47.5°	1458.5	1457.5	1455.6	1453.7	1444.9	1433.2	1421.6	1416.7	1415.8	1417.7	1418.7
50°	1509.0	1511.0	1510.0	1507.1	1498.4	1487.7	1475.0	1470.2	1471.1	1473.1	1474.1
52.5°	1554.7	1554.7	1555.7	1551.8	1544.0	1532.4	1520.7	1516.8	1516.8	1519.7	1517.8
55°	1589.7	1591.6	1592.6	1589.7	1584.8	1571.2	1559.6	1552.8	1555.7	1558.6	1559.6
57.5°	1622.7	1624.7	1624.7	1624.7	1616.9	1604.3	1592.6	1586.8	1590.7	1595.5	1596.5
60°	1649.0	1649.9	1652.8	1652.8	1646.0	1631.5	1618.8	1614.0	1618.8	1625.6	1624.7
62.5°	1668.4	1668.4	1672.3	1673.3	1666.5	1651.9	1639.2	1635.4	1641.2	1649.0	1651.9
65°	1684.9	1685.9	1688.8	1689.8	1683.9	1667.4	1653.8	1652.8	1660.6	1668.4	1669.4
67.5°	1693.7	1694.6	1699.5	1701.4	1694.6	1678.1	1665.5	1662.6	1673.3	1683.0	1683.9
70°	1699.5	1701.4	1707.3	1709.2	1702.4	1684.9	1671.3	1670.3	1682.0	1692.7	1693.7
72.5°	1703.4	1704.3	1710.2	1712.1	1705.3	1688.8	1675.2	1675.2	1685.9	1698.5	1700.5
75°	1703.4	1704.3	1709.2	1712.1	1705.3	1687.8	1673.3	1673.3	1687.8	1700.5	1703.4
77.5°	1695.6	1698.5	1704.3	1707.3	1700.5	1683.0	1669.4	1669.4	1683.9	1697.5	1700.5
80°	1687.8	1688.8	1695.6	1699.5	1691.7	1675.2	1660.6	1660.6	1676.2	1690.7	1692.7
82.5°	1675.2	1676.2	1683.0	1686.9	1680.1	1662.6	1648.0	1649.0	1663.5	1678.1	1680.1
85°	1657.7	1659.7	1666.5	1669.4	1663.5	1645.1	1631.5	1632.4	1648.0	1661.6	1663.5
87.5°	1639.2	1639.2	1647.0	1649.9	1644.1	1625.6	1612.0	1612.0	1627.6	1642.2	1643.1
90°	1614.0	1615.9	1622.7	1627.6	1619.8	1604.3	1589.7	1589.7	1604.3	1617.9	1621.8
92.5°	1590.7	1591.6	1598.4	1601.3	1594.5	1578.0	1565.4	1565.4	1580.0	1593.6	1595.5
95°	1562.5	1562.5	1567.3	1571.2	1563.5	1549.8	1538.2	1538.2	1549.8	1561.5	1563.5
97.5°	1532.4	1532.4	1538.2	1537.2	1531.4	1516.8	1507.1	1506.1	1517.8	1527.5	1530.4
100°	1498.4	1500.3	1504.2	1503.2	1498.4	1483.8	1475.0	1475.0	1483.8	1492.5	1494.5
102.5°	1465.3	1465.3	1467.3	1466.3	1459.5	1446.9	1442.0	1441.0	1448.8	1454.6	1455.6
105°	1431.3	1431.3	1429.4	1429.4	1420.6	1410.9	1405.1	1405.1	1411.9	1415.8	1415.8
107.5°	1392.4	1390.5	1392.4	1389.5	1380.8	1371.1	1368.1	1367.2	1370.1	1374.0	1372.0
110°	1352.6	1351.6	1350.7	1344.8	1338.0	1332.2	1327.3	1327.3	1330.2	1331.2	1331.2

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Scaled Data Report

REPORT NUMBER: P981244
CATALOG NUMBER: FFX-CLB-100-730-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1310.8	1309.8	1306.9	*1302.1*	1294.3	1288.5	1284.6	1284.6	1285.5	1284.6	1282.6
115°	1265.1	1263.2	1260.3	*1251.5*	1243.8	1239.9	1237.9	1239.9	1238.9	1236.0	1236.0
117.5°	1215.6	1213.6	1208.8	*1199.1*	1192.3	1189.4	1190.3	1189.4	1187.4	1184.5	1185.5
120°	1160.2	1160.2	1152.4	*1144.7*	1138.8	1138.8	1137.9	1137.9	1134.9	1131.1	1129.1
122.5°	1102.9	1102.9	1096.1	*1089.3*	1082.5	1082.5	1083.4	1082.5	1080.5	1076.6	1074.7
125°	1047.5	1042.6	1036.8	*1029.0*	1024.2	1023.2	1026.1	1027.1	1023.2	1018.3	1019.3
127.5°	986.3	983.4	977.5	*968.8*	964.9	963.9	966.8	968.8	963.9	961.0	960.0
130°	922.1	920.2	915.3	*908.5*	904.6	905.6	908.5	911.4	906.6	903.7	901.7
132.5°	859.0	859.0	856.1	*849.3*	844.4	848.3	850.2	852.2	847.3	846.3	845.4
135°	801.6	800.7	794.8	*791.0*	787.1	788.0	791.9	791.0	790.0	788.0	786.1
137.5°	742.4	742.4	739.5	*732.7*	732.7	733.6	735.6	735.6	736.5	732.7	733.6
140°	687.0	686.0	684.1	*679.2*	676.3	678.2	680.2	681.2	681.2	677.3	678.2
142.5°	634.5	633.5	627.7	*624.8*	624.8	625.8	626.7	627.7	627.7	625.8	626.7
145°	578.2	580.1	577.2	*574.3*	574.3	574.3	577.2	578.2	579.1	577.2	577.2
147.5°	531.5	533.5	530.5	*528.6*	528.6	528.6	530.5	531.5	529.6	530.5	530.5
150°	487.8	487.8	485.8	*484.9*	483.9	484.9	486.8	487.8	487.8	485.8	485.8
152.5°	446.0	445.0	444.1	*444.1*	444.1	444.1	446.0	446.0	447.0	447.0	445.0
155°	410.1	409.1	409.1	*408.1*	409.1	409.1	409.1	410.1	410.1	411.0	412.0
157.5°	377.0	376.0	377.0	*377.0*	377.0	378.0	378.0	379.0	377.0	378.0	379.0
160°	349.8	350.8	349.8	*348.8*	348.8	349.8	349.8	350.8	350.8	349.8	350.8
162.5°	326.5	326.5	325.5	*326.5*	327.5	326.5	326.5	327.5	327.5	327.5	327.5
165°	308.0	307.1	307.1	*307.1*	307.1	307.1	308.0	308.0	308.0	308.0	309.0
167.5°	291.5	290.5	290.5	*290.5*	291.5	291.5	291.5	292.5	292.5	292.5	291.5
170°	278.9	277.9	277.9	*277.9*	278.9	278.9	278.9	278.9	278.9	278.9	278.9
172.5°	268.2	268.2	268.2	*268.2*	268.2	268.2	268.2	268.2	268.2	269.2	268.2
175°	261.4	261.4	261.4	*261.4*	260.4	260.4	261.4	261.4	261.4	261.4	261.4
177.5°	255.6	255.6	256.5	*255.6*	255.6	255.6	256.5	256.5	256.5	255.6	255.6
180°	253.6	253.6	253.6	*253.6*	253.6	253.6	253.6	253.6	253.6	253.6	253.6

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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: SP1-2501-332-4

Test Date: 03/21/2025

Luminaire Tested: FFX-CLB-100-730-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-730-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

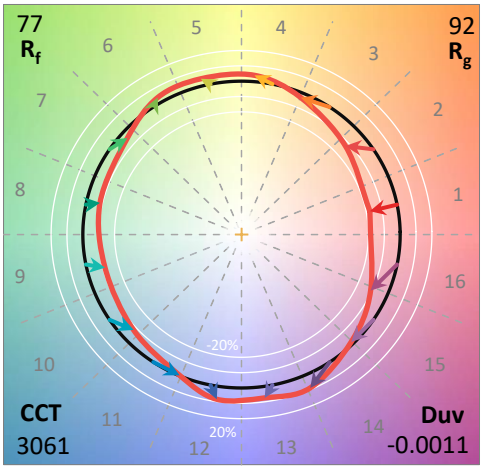
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-4
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-100-730-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3061	CRI (Ra):	71.7		
CIE u':	0.2489	R1:	67.8	R9:	-40.3
CIE v':	0.5187	R2:	85.0	R10:	67.2
Duv:	-0.0011	R3:	92.9	R11:	61.6
CIE x:	0.4312	R4:	66.0	R12:	59.9
CIE y:	0.3995	R5:	68.5	R13:	71.4
CIE z:	0.1693	R6:	80.2	R14:	96.3
Peak Wavelength (nm):	592	R7:	74.5	R15:	58.8
Dominant Wavelength (nm):	582	R8:	39.0		
Purity:	49.32381				

Rf:	76.8
Rg:	92.2



Test Conditions

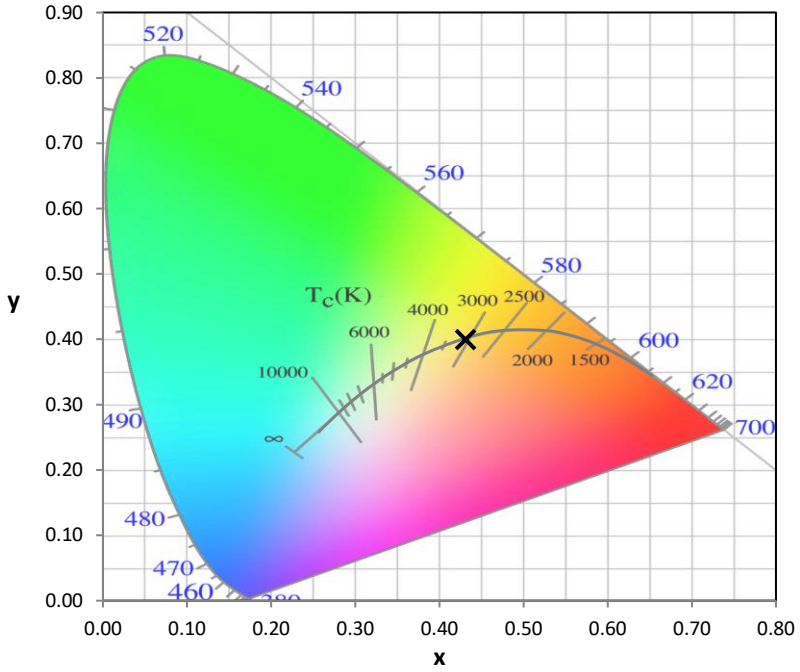
Stabilization Time:	56M
Operation Time:	1H 56M
Sphere Temperature (°C):	24.8

REPORT NUMBER: SP1-2501-332-4

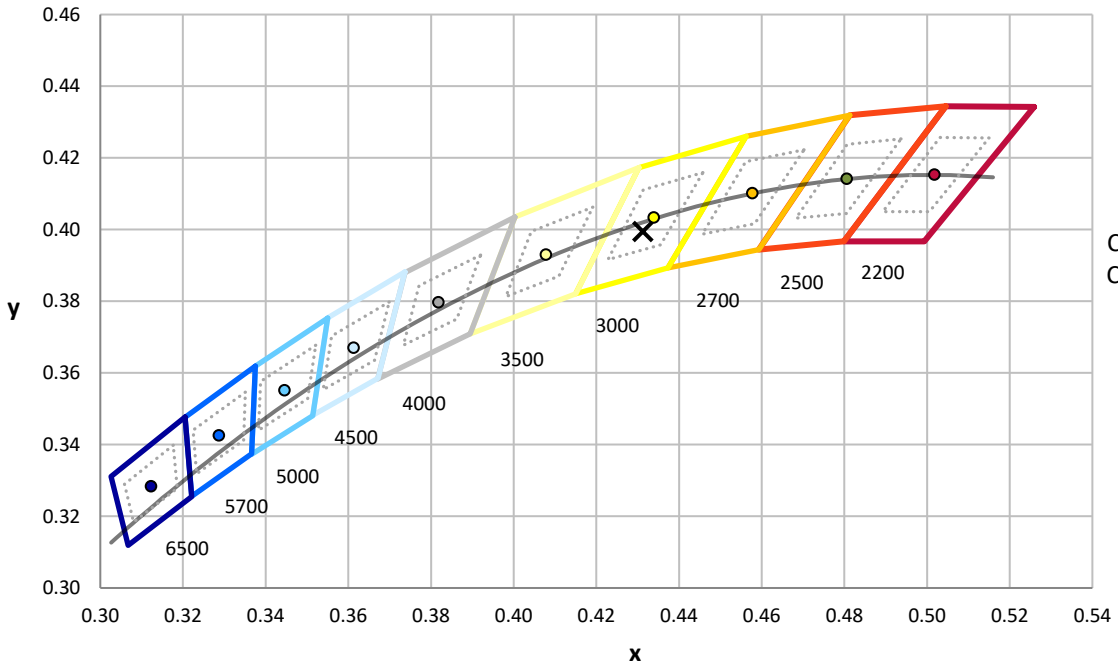
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-4

CIE 1931 Chromaticity Diagram



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

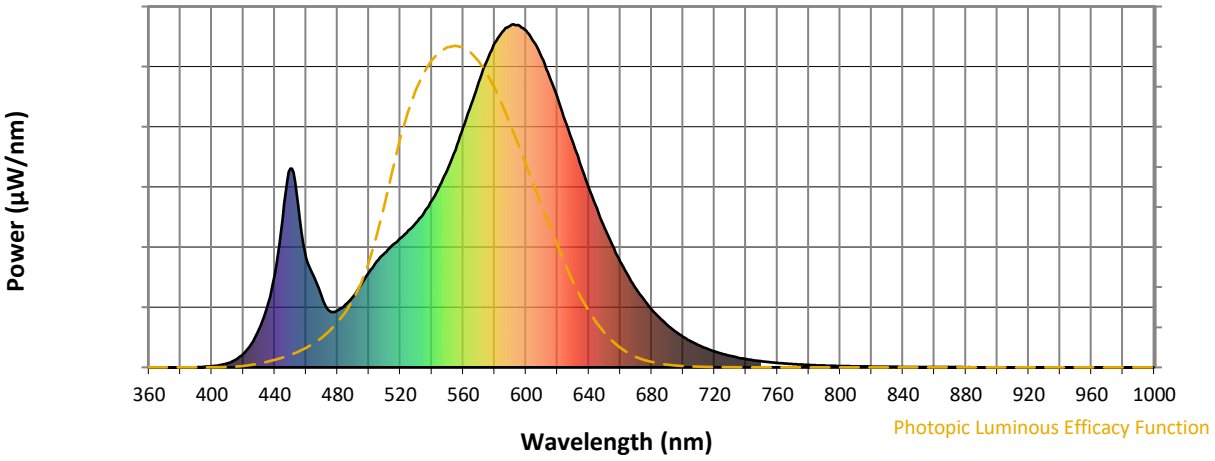


CCT = 3061K
CIE x = 0.4312
CIE y = 0.3995
Duv = -0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-4

Photopic Flux vs. Wavelength

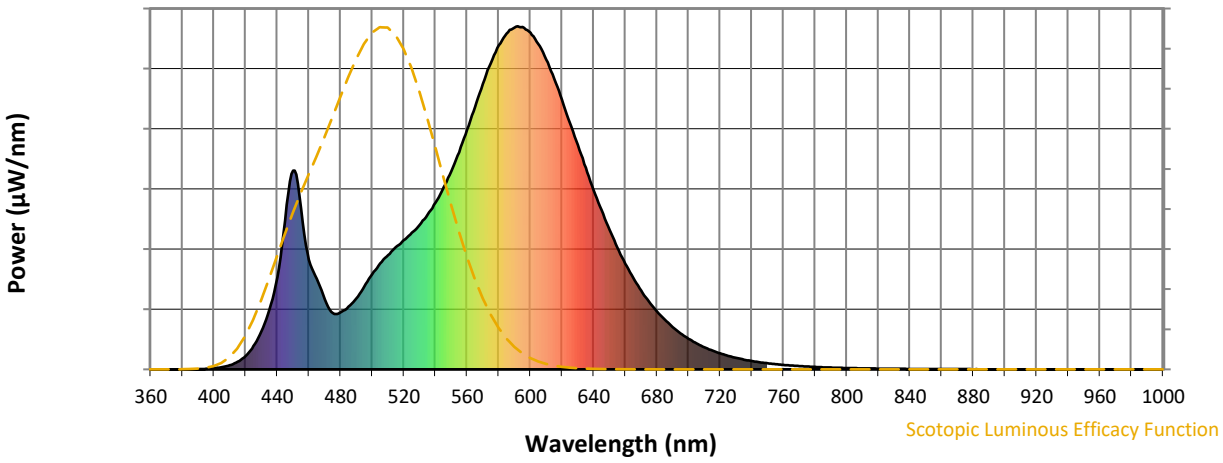


Photopic Lumens: NR

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

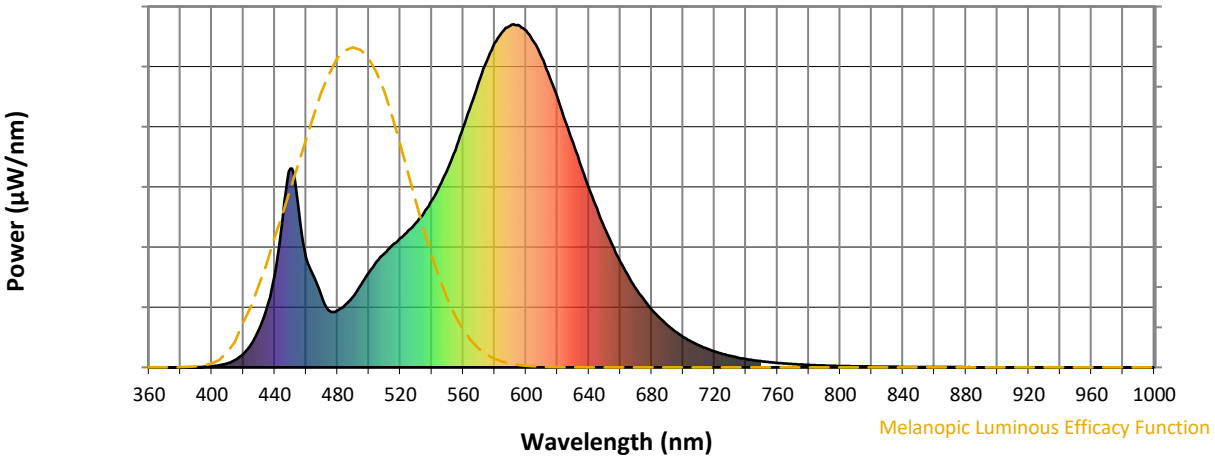


Scotopic Lumens: NR **S/P: 1.29**

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.47**

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

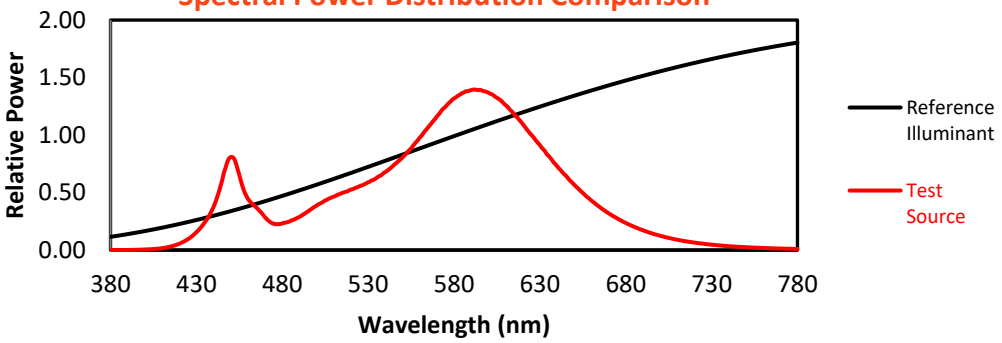
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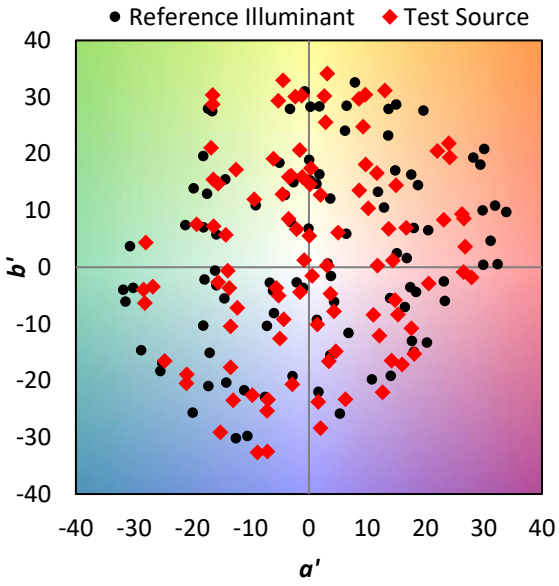
Summary

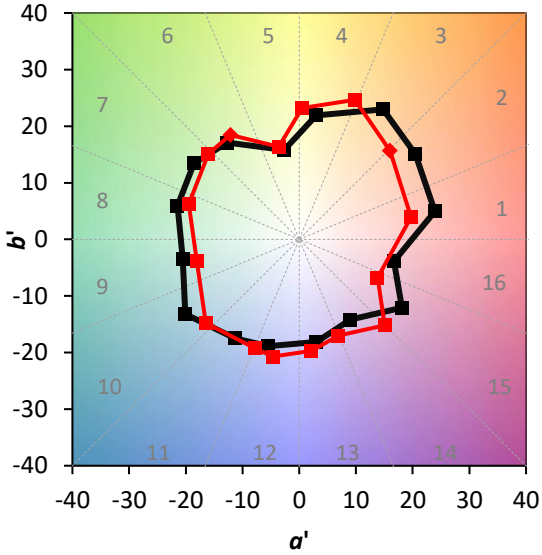
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R_g = 92.2
CIE R_a = 71.7
R_9 = -40.3

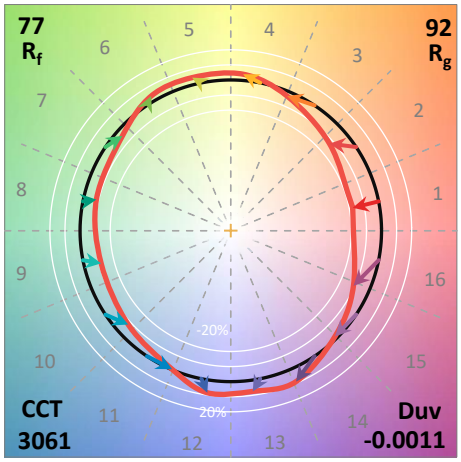
Spectral Power Distribution Comparison

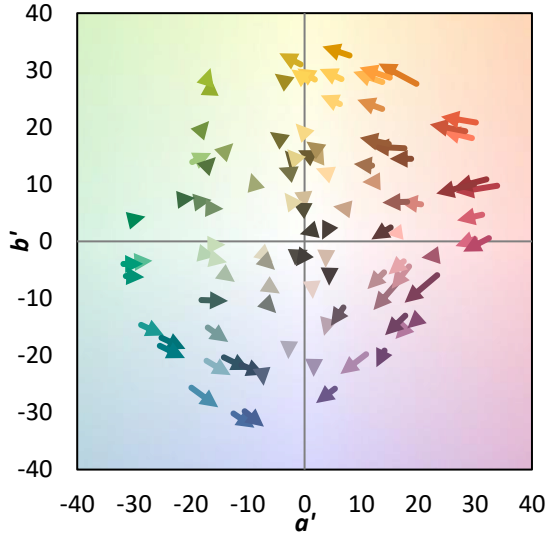


Color Vector Graphics







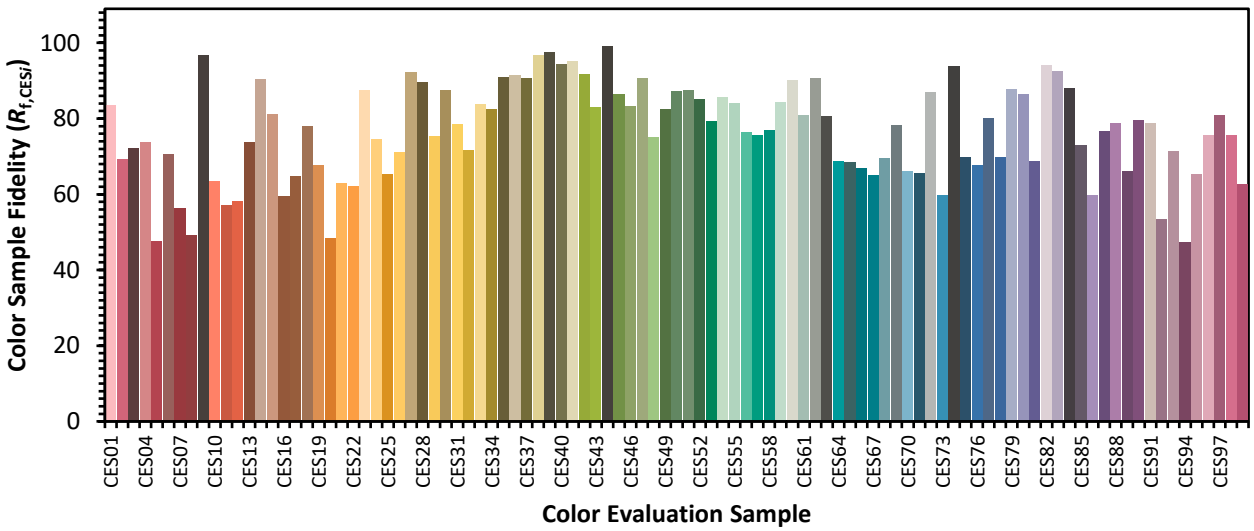


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Individual Sample Fidelity Index ($R_{f,i}$)

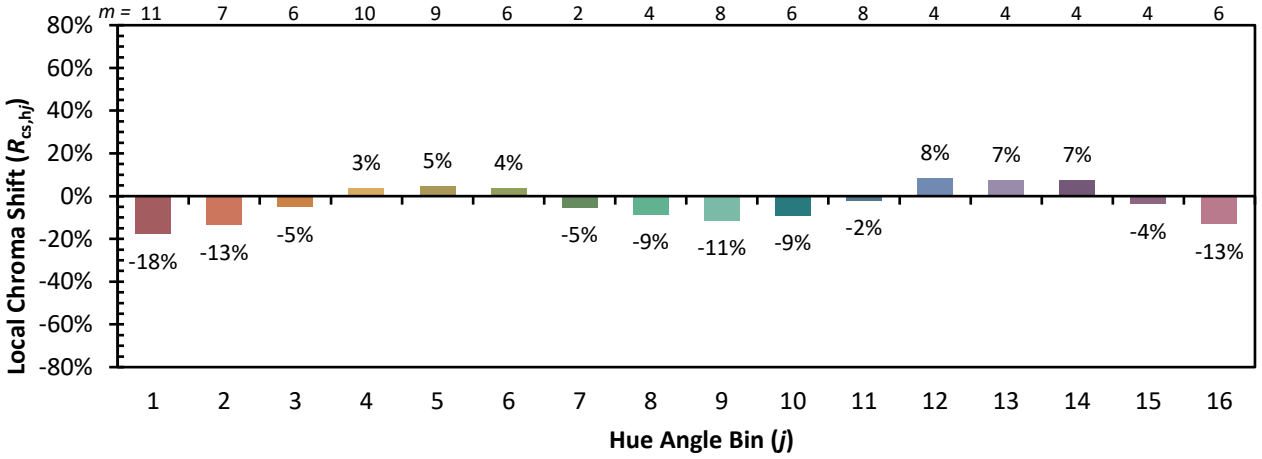
CES01 = 86	CES26 = 71	CES51 = 88	CES76 = 68
CES02 = 62	CES27 = 92	CES52 = 85	CES77 = 80
CES03 = 31	CES28 = 90	CES53 = 79	CES78 = 70
CES04 = 71	CES29 = 75	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 79	CES56 = 76	CES81 = 69
CES07 = 41	CES32 = 72	CES57 = 76	CES82 = 94
CES08 = 40	CES33 = 84	CES58 = 77	CES83 = 92
CES09 = 29	CES34 = 83	CES59 = 84	CES84 = 88
CES10 = 76	CES35 = 91	CES60 = 90	CES85 = 73
CES11 = 59	CES36 = 92	CES61 = 81	CES86 = 60
CES12 = 65	CES37 = 91	CES62 = 91	CES87 = 77
CES13 = 43	CES38 = 97	CES63 = 81	CES88 = 79
CES14 = 74	CES39 = 98	CES64 = 69	CES89 = 66
CES15 = 71	CES40 = 94	CES65 = 69	CES90 = 80
CES16 = 47	CES41 = 95	CES66 = 67	CES91 = 79
CES17 = 50	CES42 = 92	CES67 = 65	CES92 = 53
CES18 = 56	CES43 = 83	CES68 = 70	CES93 = 71
CES19 = 73	CES44 = 99	CES69 = 78	CES94 = 47
CES20 = 66	CES45 = 87	CES70 = 66	CES95 = 65
CES21 = 87	CES46 = 83	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 91	CES72 = 87	CES97 = 81
CES23 = 92	CES48 = 75	CES73 = 60	CES98 = 76
CES24 = 91	CES49 = 83	CES74 = 94	CES99 = 63
CES25 = 73	CES50 = 87	CES75 = 70	

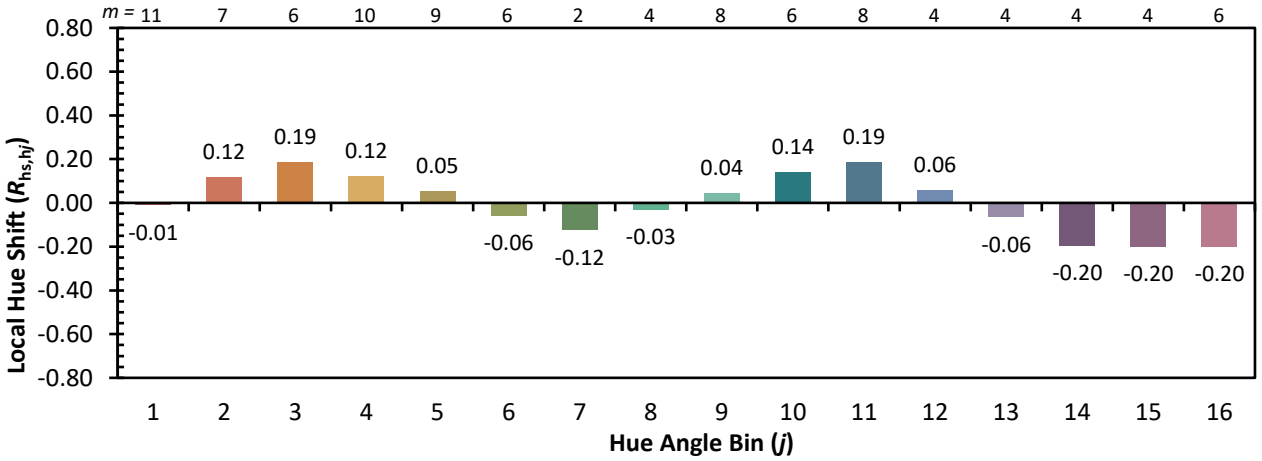


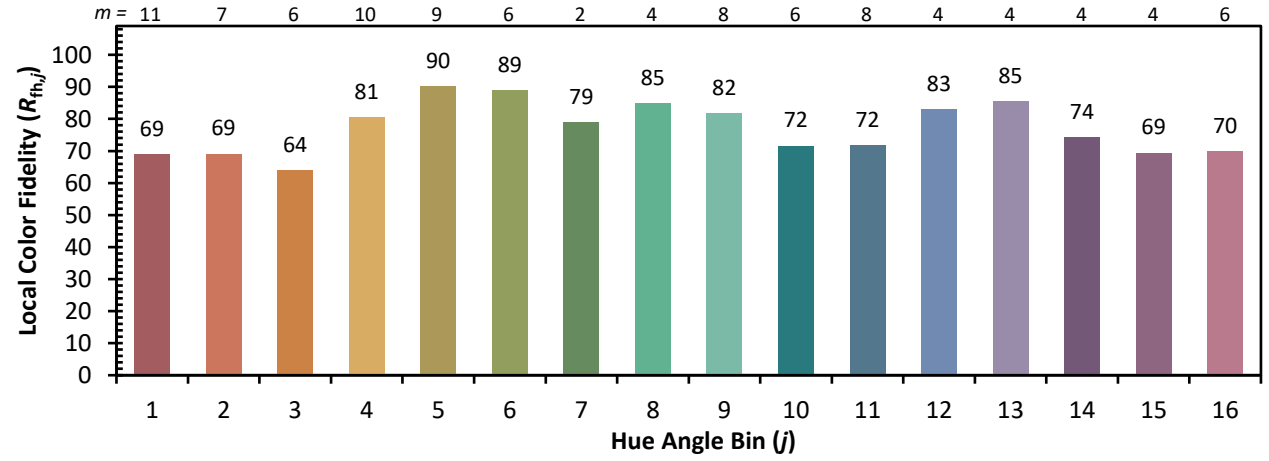
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Color Rendition by Hue-Angle Bin



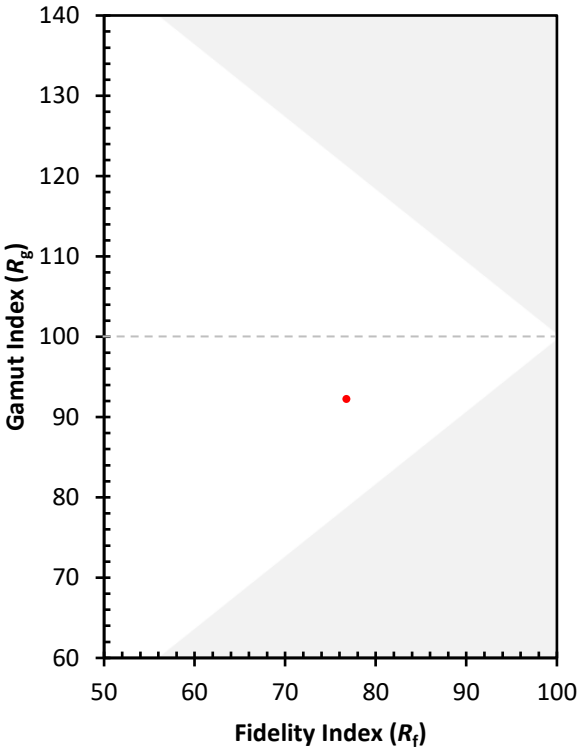


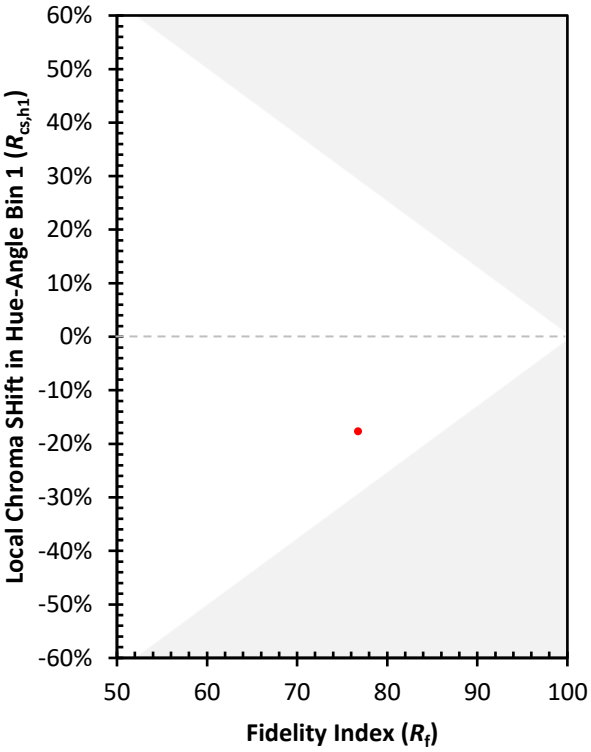


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Measure Comparisons





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