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: P981245

Luminaire Tested: **FFX-CLB-90-730-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:	P981245
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-90-730-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:	14681 lumens
Efficiency:	N/A
Efficacy:	162.0 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G5

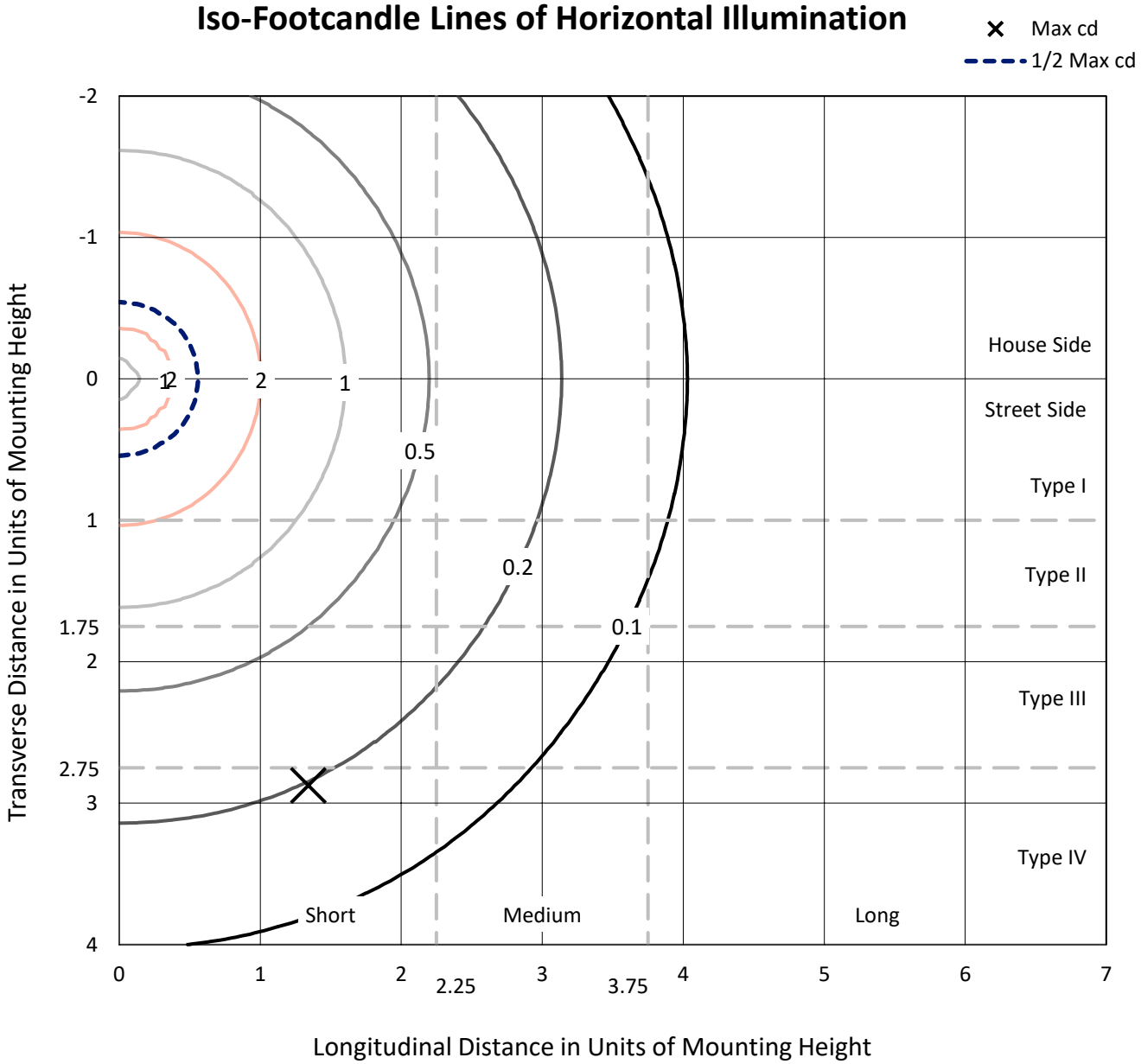
Input Watts (W):	90.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P981245
CATALOG NUMBER: FFX-CLB-90-730-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



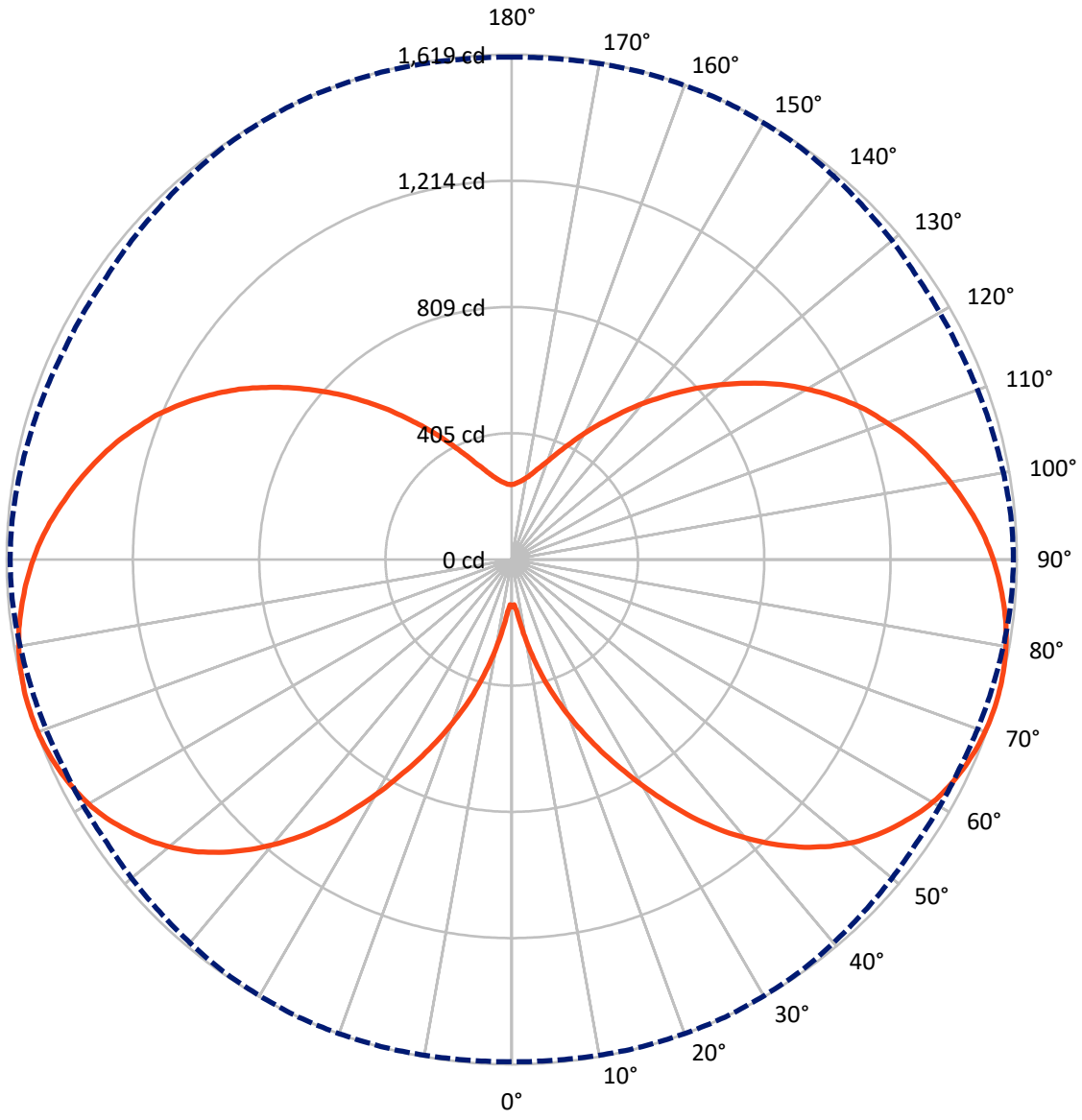
Based on 15 foot mounting height. Maximum calculated value = 2.5 fc
Type V - Short - N/A

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REPORT NUMBER: P981245
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Luminous Intensity Polar Plot



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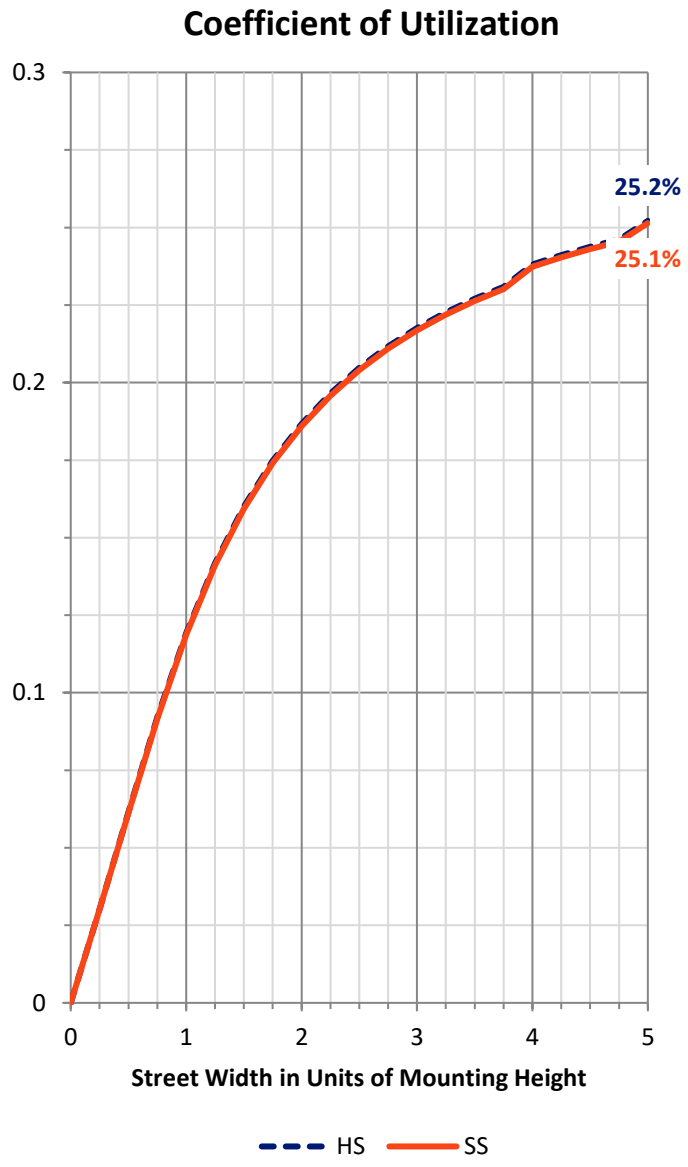
REPORT NUMBER: P981245
CATALOG NUMBER: FFX-CLB-90-730-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4199.7	3140.8	7340.5
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	4199.7	3140.8	7340.5
	% Fixture	28.6	21.4	50.0
Total	Lumens	8399.4	6281.6	14681.0
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.6	0.1
10°-20°	119.4	0.8
20°-30°	323.2	2.2
30°-40°	638.1	4.3
40°-50°	1005.4	6.8
50°-60°	1332.2	9.1
60°-70°	1566.4	10.7
70°-80°	1692.3	11.5
80°-90°	1702.7	11.6
90°-100°	1603.2	10.9
100°-110°	1417.1	9.7
110°-120°	1168.2	8.0
120°-130°	873.2	5.9
130°-140°	583.0	4.0
140°-150°	346.4	2.4
150°-160°	182.3	1.2
160°-170°	84.1	0.6
170°-180°	24.1	0.2
0°-90°	8399.4	57.2
0°-180°	14681.0	100.0



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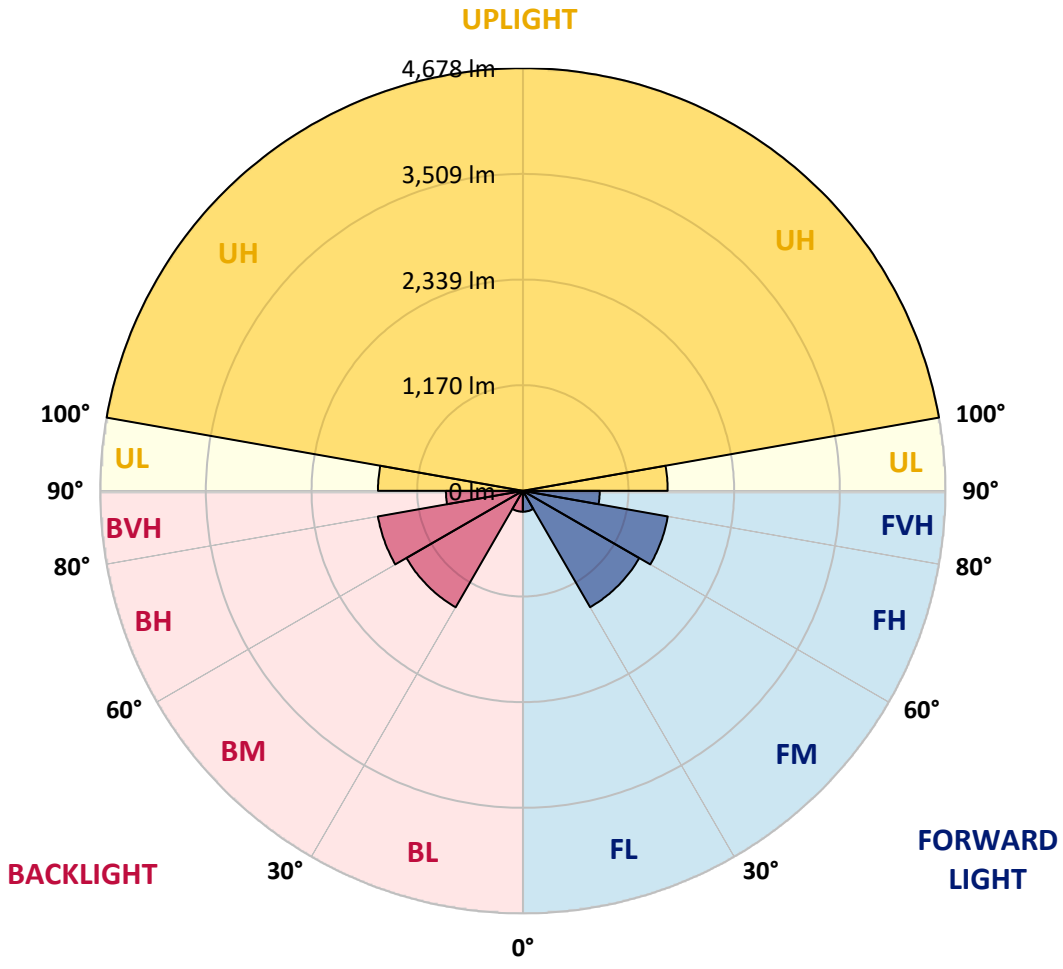
Scaled Data Report

REPORT NUMBER: P981245
CATALOG NUMBER: FFX-CLB-90-730-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	231.1	1.6			
FM	(30°-60°)	1487.9	10.1			
FH	(60°-80°)	1629.3	11.1			G1/1800
FVH	(80°-90°)	851.4	5.8			G5
BL	(0°-30°)	231.1	1.6	B1/500		
BM	(30°-60°)	1487.9	10.1	B2/2500		
BH	(60°-80°)	1629.3	11.1	B3/2500		G1/1800
BVH	(80°-90°)	851.4	5.8			G5
UL	(90°-100°)	1603.2	10.9		U5	
UH	(100°-180°)	4678.4	31.9		U5	

BUG Rating: B3-U5-G5
Type V Short



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REPORT NUMBER: P981245
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	152.5	152.5	152.5	152.5	152.5	152.5	152.5	152.5	152.5	152.5	152.5
2.5°	143.3	143.3	144.2	145.2	146.1	147.0	147.9	148.8	149.8	148.8	148.8
5°	165.4	167.2	167.2	167.2	166.3	167.2	169.1	169.1	170.9	170.0	169.1
7.5°	212.2	216.8	216.8	215.9	215.0	215.9	215.0	215.0	215.0	214.1	215.9
10°	276.6	274.7	275.6	274.7	272.9	273.8	274.7	272.9	272.9	272.9	272.9
12.5°	339.0	338.1	340.9	339.9	340.9	338.1	339.9	338.1	338.1	335.4	336.3
15°	412.5	412.5	411.6	408.9	409.8	406.1	407.9	407.0	404.3	404.3	403.3
17.5°	480.5	479.6	480.5	476.8	476.8	475.9	474.1	473.2	473.2	470.4	469.5
20°	548.5	546.7	545.8	545.8	543.0	543.0	541.2	537.5	535.6	536.6	534.7
22.5°	622.0	618.3	618.3	618.3	612.8	611.0	610.1	606.4	606.4	603.6	603.6
25°	695.5	696.4	696.4	692.8	690.0	686.3	684.5	681.7	679.0	678.1	679.0
27.5°	776.4	778.2	775.5	769.0	768.1	764.4	759.8	756.2	757.1	752.5	756.2
30°	864.6	860.9	855.4	853.5	849.9	846.2	842.5	835.2	836.1	834.3	835.2
32.5°	945.4	945.4	943.6	938.1	935.3	927.0	923.4	914.2	915.1	914.2	910.5
35°	1033.6	1030.9	1027.2	1026.3	1017.1	1011.6	1005.1	995.0	996.9	996.0	996.9
37.5°	1108.0	1109.0	1110.8	1106.2	1097.9	1090.6	1083.2	1075.9	1074.1	1075.0	1073.1
40°	1188.9	1188.0	1186.1	1180.6	1174.2	1165.9	1156.7	1152.2	1146.6	1150.3	1149.4
42.5°	1255.1	1257.8	1256.9	1251.4	1243.1	1234.8	1227.5	1220.1	1217.4	1216.5	1216.5
45°	1319.4	1320.3	1317.5	1316.6	1305.6	1298.2	1289.0	1282.6	1280.8	1280.8	1283.5
47.5°	1379.1	1378.2	1376.3	1374.5	1366.2	1355.2	1344.2	1339.6	1338.7	1340.5	1341.4
50°	1426.9	1428.7	1427.8	1425.0	1416.8	1406.7	1394.7	1390.1	1391.0	1392.9	1393.8
52.5°	1470.0	1470.0	1471.0	1467.3	1459.9	1448.9	1437.9	1434.2	1434.2	1437.0	1435.1
55°	1503.1	1505.0	1505.9	1503.1	1498.5	1485.7	1474.6	1468.2	1471.0	1473.7	1474.6
57.5°	1534.4	1536.2	1536.2	1536.2	1528.8	1516.9	1505.9	1500.4	1504.0	1508.6	1509.6
60°	1559.2	1560.1	1562.8	1562.8	1556.4	1542.6	1530.7	1526.1	1530.7	1537.1	1536.2
62.5°	1577.5	1577.5	1581.2	1582.1	1575.7	1561.9	1550.0	1546.3	1551.8	1559.2	1561.9
65°	1593.2	1594.1	1596.8	1597.8	1592.2	1576.6	1563.8	1562.8	1570.2	1577.5	1578.5
67.5°	1601.4	1602.4	1606.9	1608.8	1602.4	1586.7	1574.8	1572.0	1582.1	1591.3	1592.2
70°	1606.9	1608.8	1614.3	1616.1	1609.7	1593.2	1580.3	1579.4	1590.4	1600.5	1601.4
72.5°	1610.6	1611.5	1617.1	1618.9	1612.5	1596.8	1584.0	1584.0	1594.1	1606.0	1607.9
75°	1610.6	1611.5	1616.1	1618.9	1612.5	1595.9	1582.1	1582.1	1595.9	1607.9	1610.6
77.5°	1603.3	1606.0	1611.5	1614.3	1607.9	1591.3	1578.5	1578.5	1592.2	1605.1	1607.9
80°	1595.9	1596.8	1603.3	1606.9	1599.6	1584.0	1570.2	1570.2	1584.9	1598.7	1600.5
82.5°	1584.0	1584.9	1591.3	1595.0	1588.6	1572.0	1558.3	1559.2	1573.0	1586.7	1588.6
85°	1567.4	1569.3	1575.7	1578.5	1573.0	1555.5	1542.6	1543.6	1558.3	1571.1	1573.0
87.5°	1550.0	1550.0	1557.3	1560.1	1554.6	1537.1	1524.3	1524.3	1539.0	1552.7	1553.7
90°	1526.1	1527.9	1534.4	1539.0	1531.6	1516.9	1503.1	1503.1	1516.9	1529.8	1533.4
92.5°	1504.0	1505.0	1511.4	1514.1	1507.7	1492.1	1480.2	1480.2	1493.9	1506.8	1508.6
95°	1477.4	1477.4	1482.0	1485.7	1478.3	1465.5	1454.4	1454.4	1465.5	1476.5	1478.3
97.5°	1448.9	1448.9	1454.4	1453.5	1448.0	1434.2	1425.0	1424.1	1435.1	1444.3	1447.1
100°	1416.8	1418.6	1422.3	1421.4	1416.8	1403.0	1394.7	1394.7	1403.0	1411.2	1413.1
102.5°	1385.5	1385.5	1387.4	1386.4	1380.0	1368.1	1363.5	1362.6	1369.9	1375.4	1376.3
105°	1353.4	1353.4	1351.5	1351.5	1343.3	1334.1	1328.6	1328.6	1335.0	1338.7	1338.7
107.5°	1316.6	1314.8	1316.6	1313.9	1305.6	1296.4	1293.6	1292.7	1295.5	1299.2	1297.3
110°	1278.9	1278.0	1277.1	1271.6	1265.2	1259.6	1255.1	1255.1	1257.8	1258.7	1258.7

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Scaled Data Report

REPORT NUMBER: P981245
CATALOG NUMBER: FFX-CLB-90-730-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1239.4	1238.5	1235.8	*1231.2*	1223.8	1218.3	1214.6	1214.6	1215.5	1214.6	1212.8
115°	1196.3	1194.4	1191.7	*1183.4*	1176.0	1172.4	1170.5	1172.4	1171.4	1168.7	1168.7
117.5°	1149.4	1147.6	1143.0	*1133.8*	1127.3	1124.6	1125.5	1124.6	1122.7	1120.0	1120.9
120°	1097.0	1097.0	1089.7	*1082.3*	1076.8	1076.8	1075.9	1075.9	1073.1	1069.5	1067.6
122.5°	1042.8	1042.8	1036.4	*1030.0*	1023.5	1023.5	1024.4	1023.5	1021.7	1018.0	1016.2
125°	990.4	985.9	980.3	*973.0*	968.4	967.5	970.2	971.2	967.5	962.9	963.8
127.5°	932.6	929.8	924.3	*916.0*	912.3	911.4	914.2	916.0	911.4	908.7	907.8
130°	871.9	870.1	865.5	*859.1*	855.4	856.3	859.1	861.8	857.2	854.5	852.6
132.5°	812.2	812.2	809.4	*803.0*	798.4	802.1	803.9	805.8	801.2	800.3	799.3
135°	758.0	757.1	751.6	*747.9*	744.2	745.1	748.8	747.9	747.0	745.1	743.3
137.5°	701.9	701.9	699.2	*692.8*	692.8	693.7	695.5	695.5	696.4	692.8	693.7
140°	649.6	648.7	646.8	*642.2*	639.5	641.3	643.1	644.1	644.1	640.4	641.3
142.5°	600.0	599.0	593.5	*590.8*	590.8	591.7	592.6	593.5	593.5	591.7	592.6
145°	546.7	548.5	545.8	*543.0*	543.0	543.0	545.8	546.7	547.6	545.8	545.8
147.5°	502.6	504.4	501.7	*499.8*	499.8	499.8	501.7	502.6	500.7	501.7	501.7
150°	461.2	461.2	459.4	*458.5*	457.6	458.5	460.3	461.2	461.2	459.4	459.4
152.5°	421.7	420.8	419.9	*419.9*	419.9	419.9	421.7	421.7	422.6	422.6	420.8
155°	387.7	386.8	386.8	*385.9*	386.8	386.8	386.8	387.7	387.7	388.6	389.6
157.5°	356.5	355.6	356.5	*356.5*	356.5	357.4	357.4	358.3	356.5	357.4	358.3
160°	330.8	331.7	330.8	*329.8*	329.8	330.8	330.8	331.7	331.7	330.8	331.7
162.5°	308.7	308.7	307.8	*308.7*	309.6	308.7	308.7	309.6	309.6	309.6	309.6
165°	291.3	290.3	290.3	*290.3*	290.3	290.3	291.3	291.3	291.3	291.3	292.2
167.5°	275.6	274.7	274.7	*274.7*	275.6	275.6	275.6	276.6	276.6	276.6	275.6
170°	263.7	262.8	262.8	*262.8*	263.7	263.7	263.7	263.7	263.7	263.7	263.7
172.5°	253.6	253.6	253.6	*253.6*	253.6	253.6	253.6	253.6	253.6	254.5	253.6
175°	247.2	247.2	247.2	*247.2*	246.2	246.2	247.2	247.2	247.2	247.2	247.2
177.5°	241.6	241.6	242.6	*241.6*	241.6	241.6	242.6	242.6	242.6	241.6	241.6
180°	239.8	239.8	239.8	*239.8*	239.8	239.8	239.8	239.8	239.8	239.8	239.8

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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

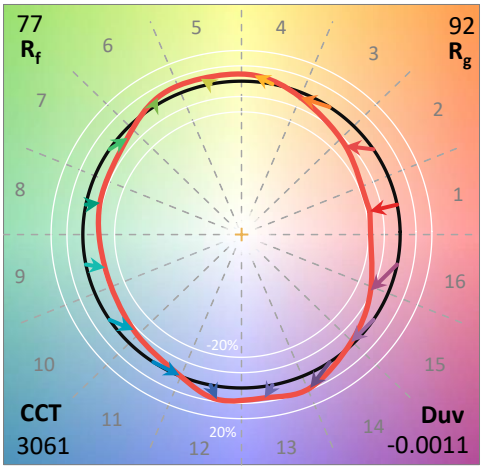
Test Information

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

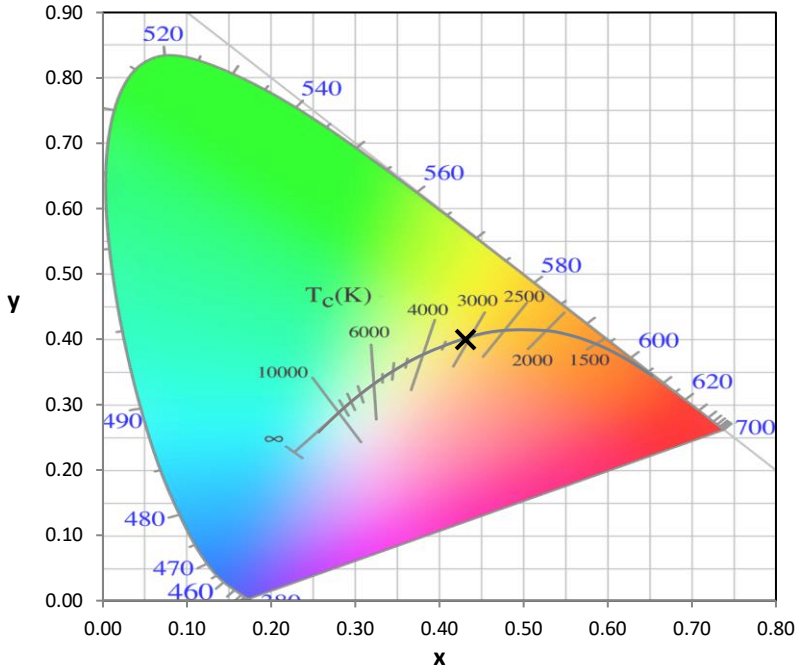
Stabilization Time:	56M
Operation Time:	1H 56M
Sphere Temperature (°C):	24.8

REPORT NUMBER: SP1-2501-332-4

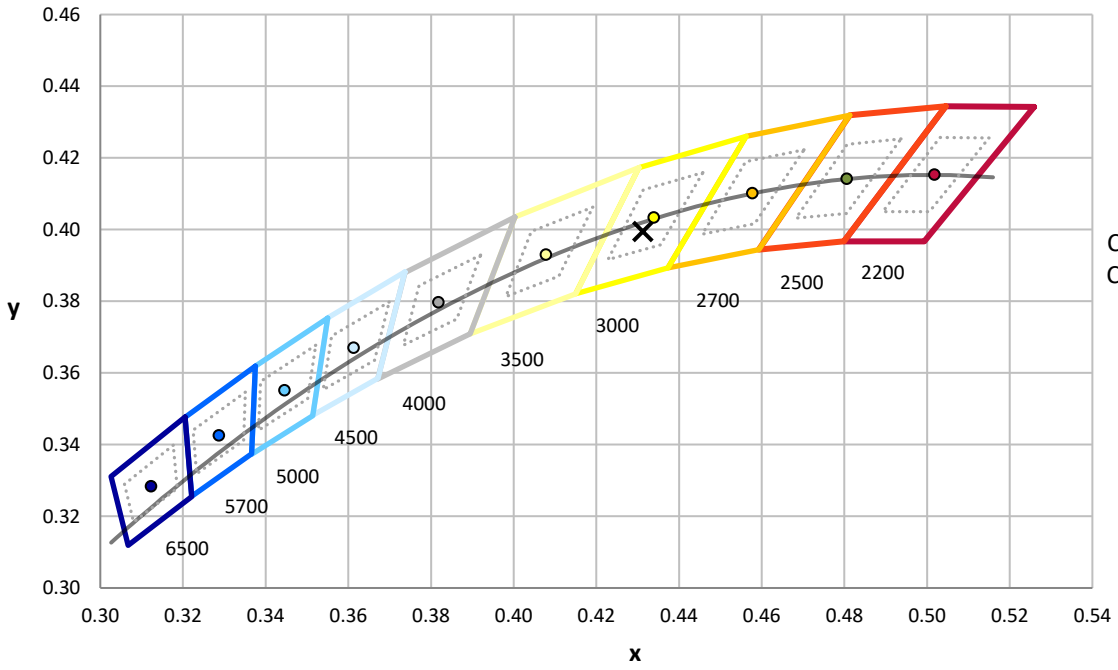
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

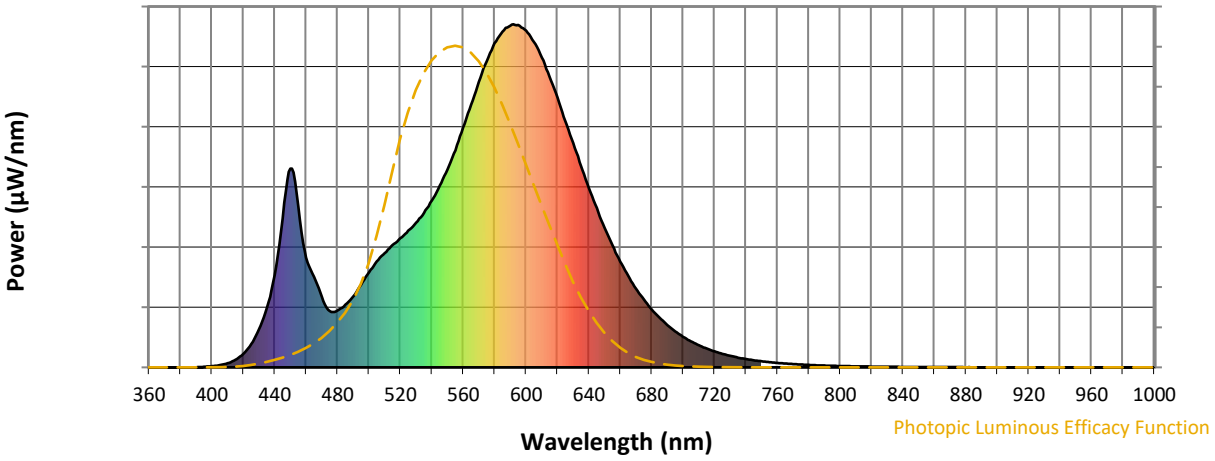


CCT = 3061K
CIE x = 0.4312
CIE y = 0.3995
Duv = -0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-4

Photopic Flux vs. Wavelength

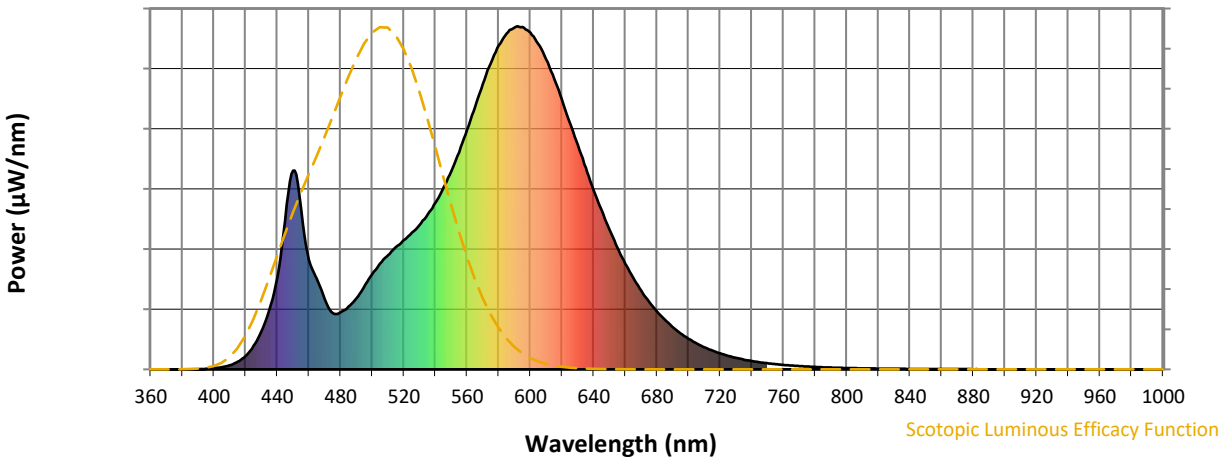


Photopic Lumens: NR

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

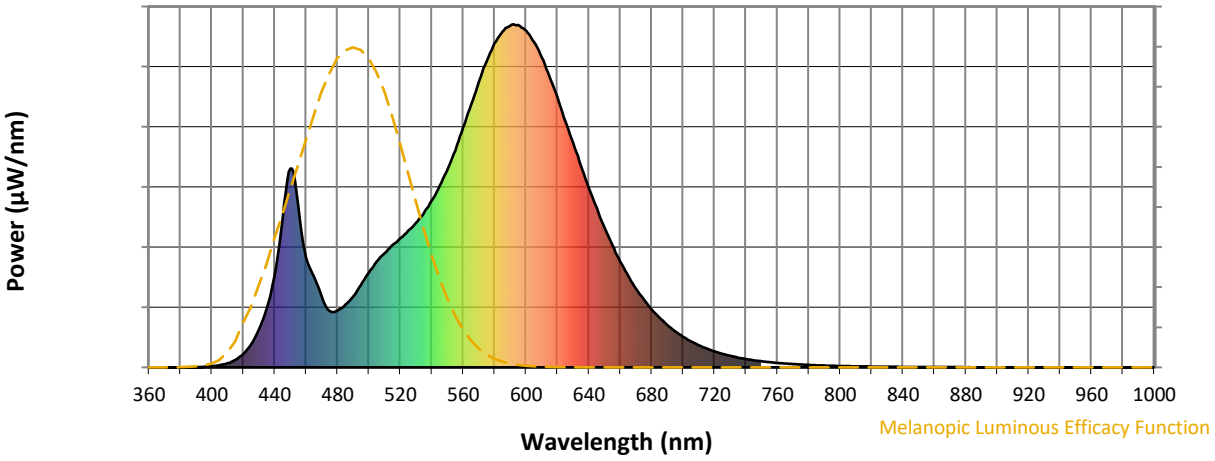


Scotopic Lumens: NR **S/P: 1.29**

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			

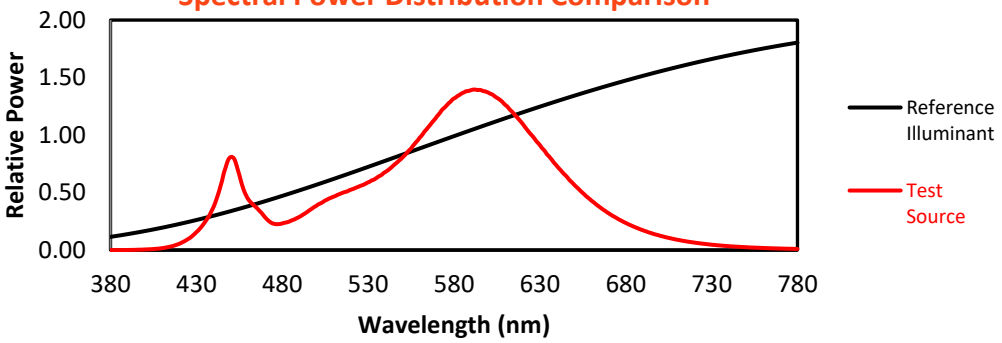
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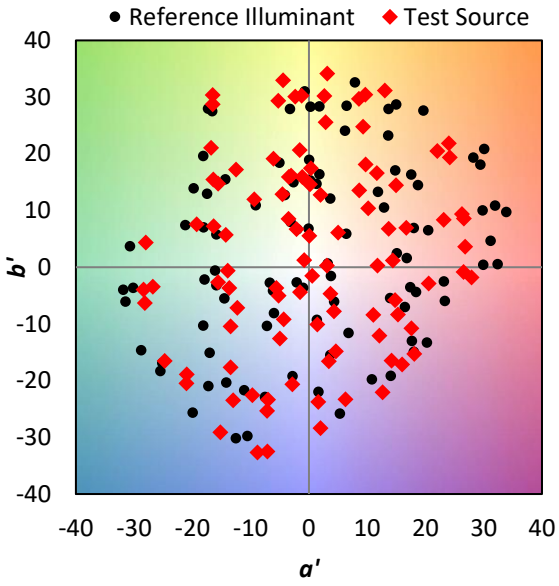
Summary

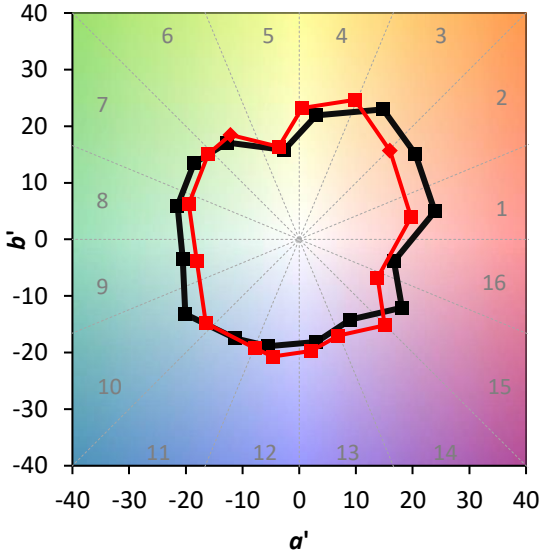
R_f = 76.8
R_g = 92.2
CIE R_a = 71.7
R_9 = -40.3

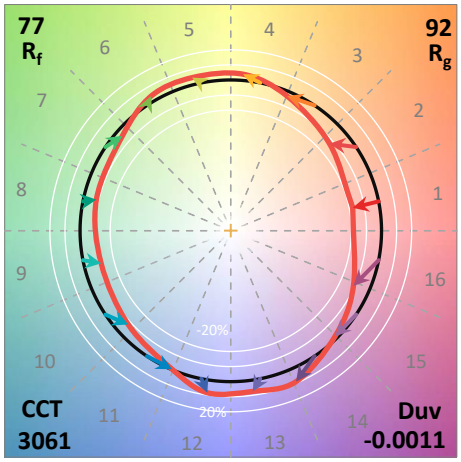
Spectral Power Distribution Comparison

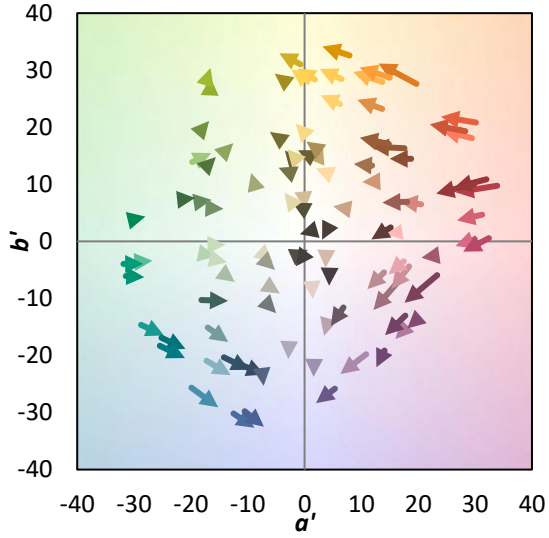


Color Vector Graphics







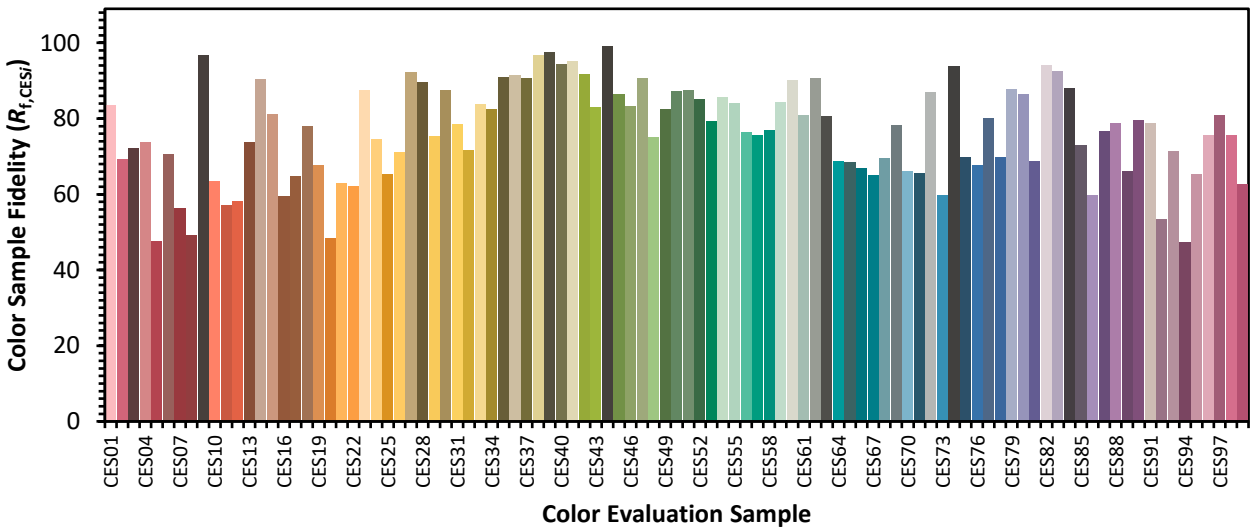


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Individual Sample Fidelity Index ($R_{f,i}$)

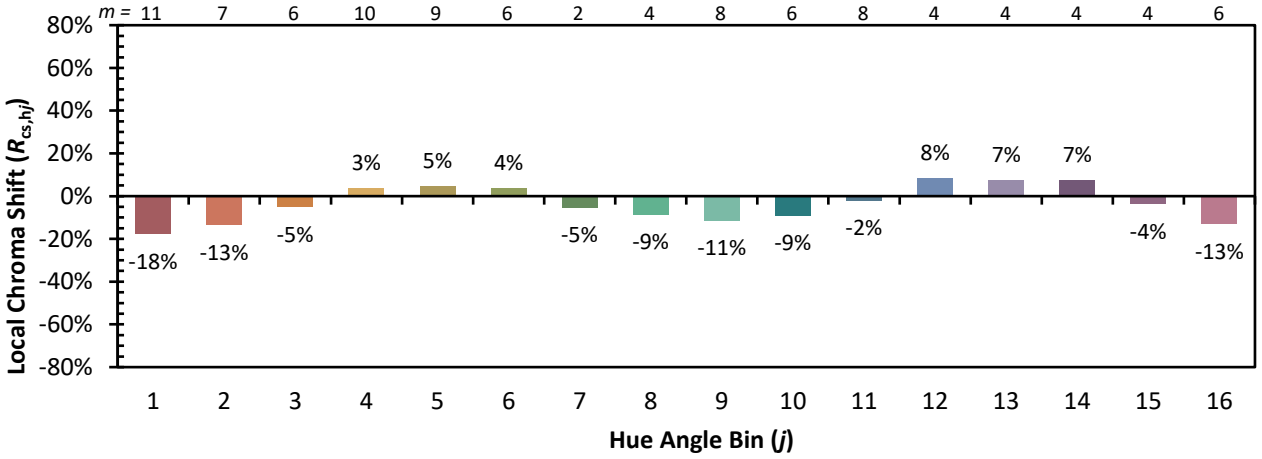
CES01 = 86	CES26 = 71	CES51 = 88	CES76 = 68
CES02 = 62	CES27 = 92	CES52 = 85	CES77 = 80
CES03 = 31	CES28 = 90	CES53 = 79	CES78 = 70
CES04 = 71	CES29 = 75	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 79	CES56 = 76	CES81 = 69
CES07 = 41	CES32 = 72	CES57 = 76	CES82 = 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	

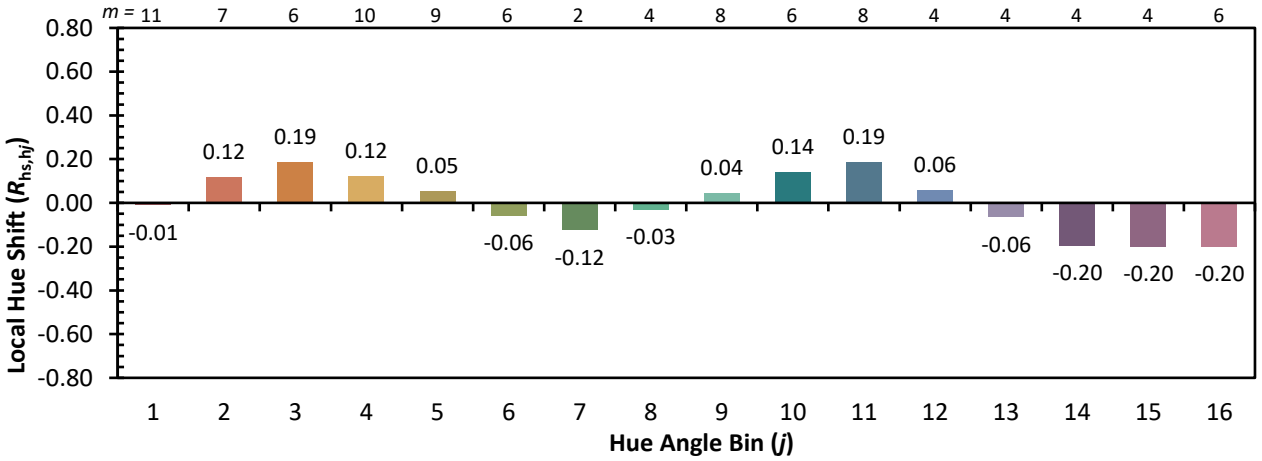


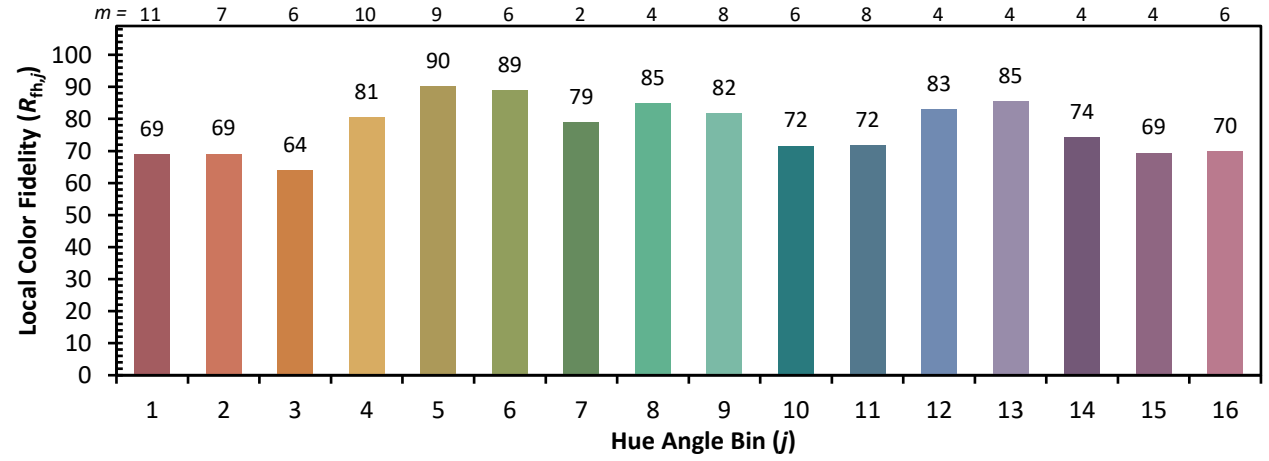
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Color Rendition by Hue-Angle Bin



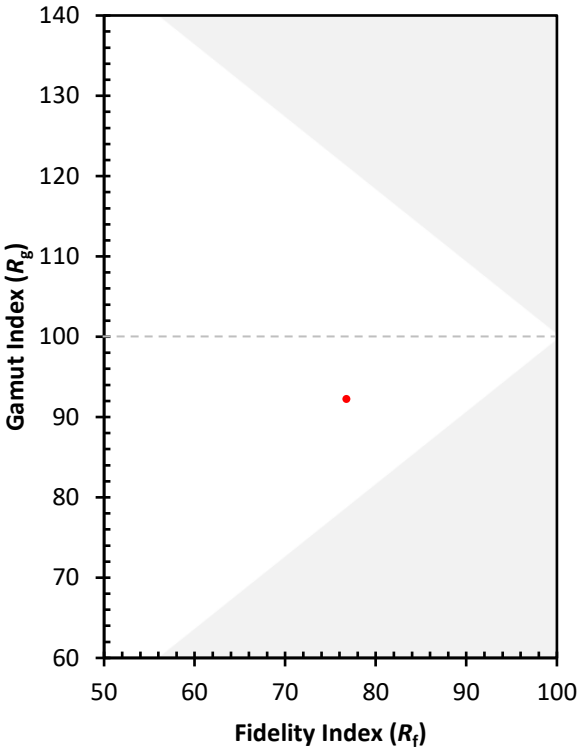


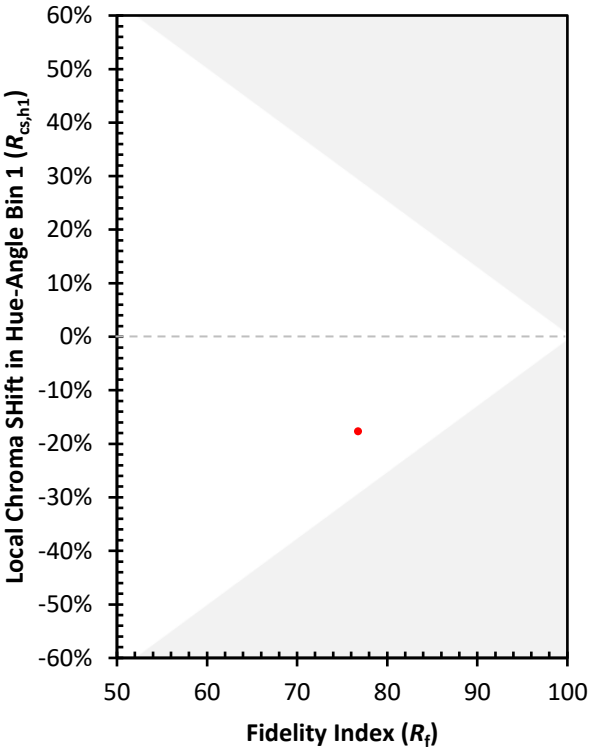


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Measure Comparisons





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