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: P981309

Luminaire Tested: **FFX-CLB-80-750-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:	P981309
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-80-750-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:	13808.6 lumens
Efficiency:	N/A
Efficacy:	168.8 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):	81.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.01%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

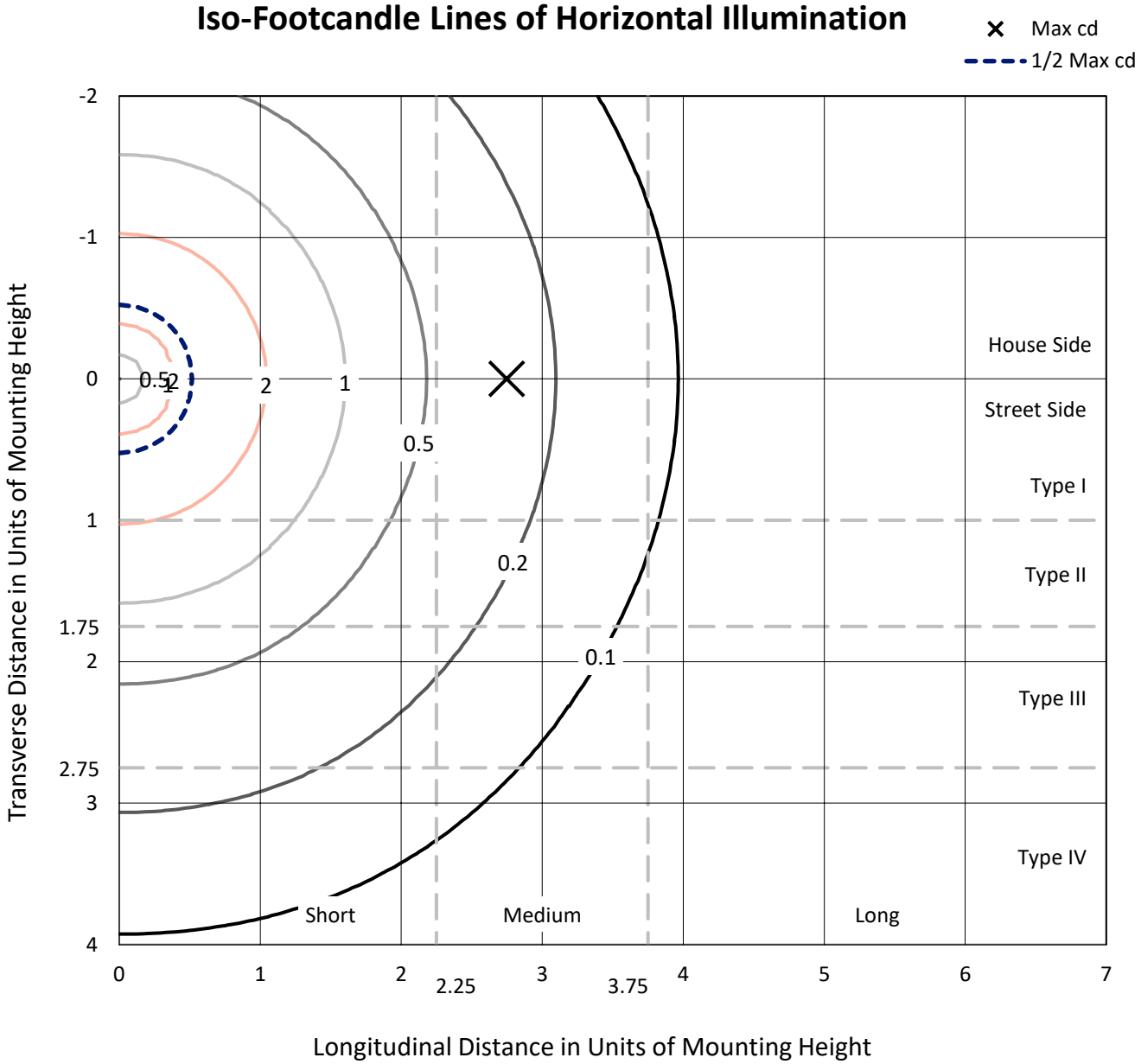


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Scaled Data Report

REPORT NUMBER: P981309
CATALOG NUMBER: FFX-CLB-80-750-U-VM9-T5

Iso-Footcandle Lines of Horizontal Illumination



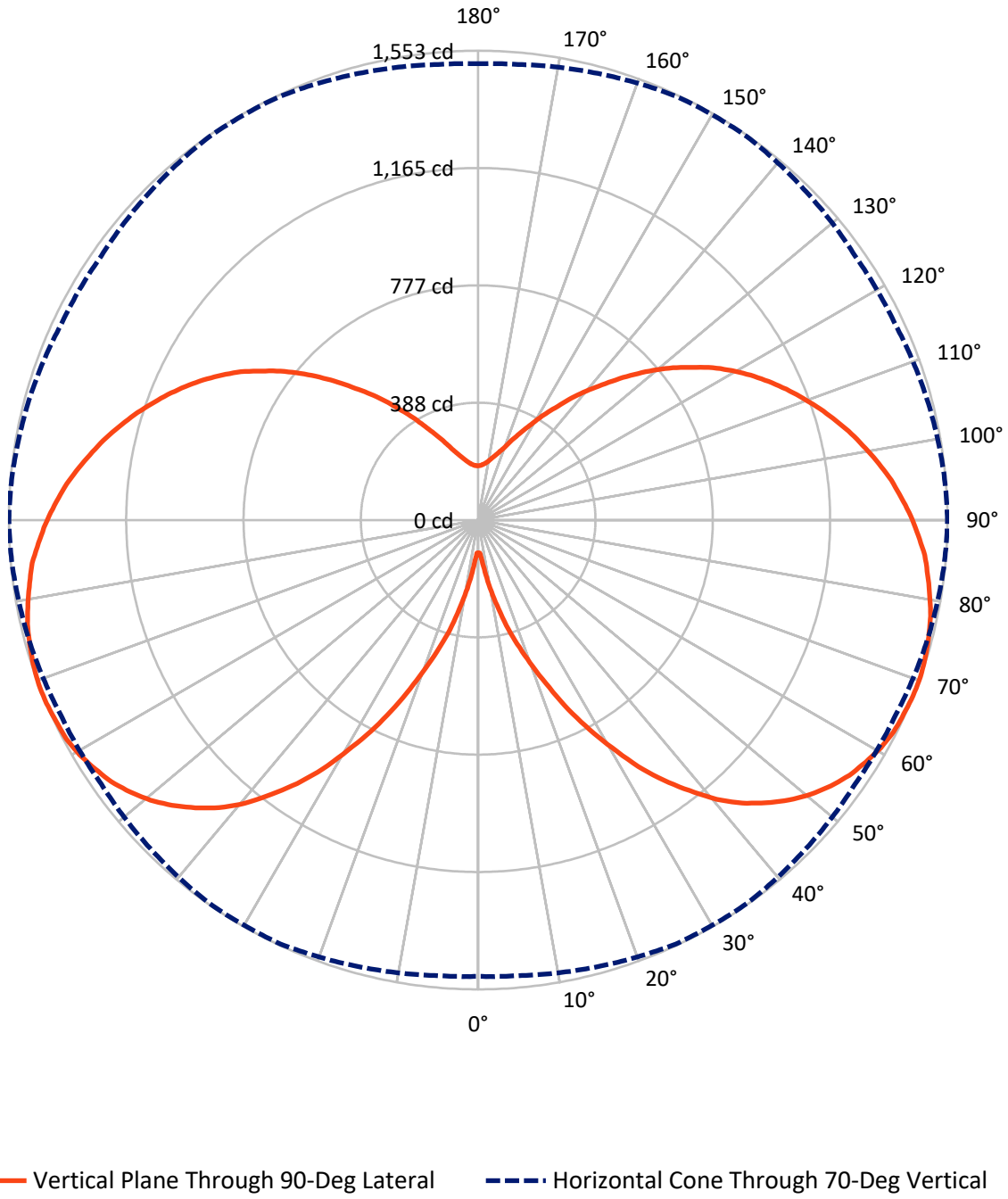
Based on 15 foot mounting height. Maximum calculated value = 2.6 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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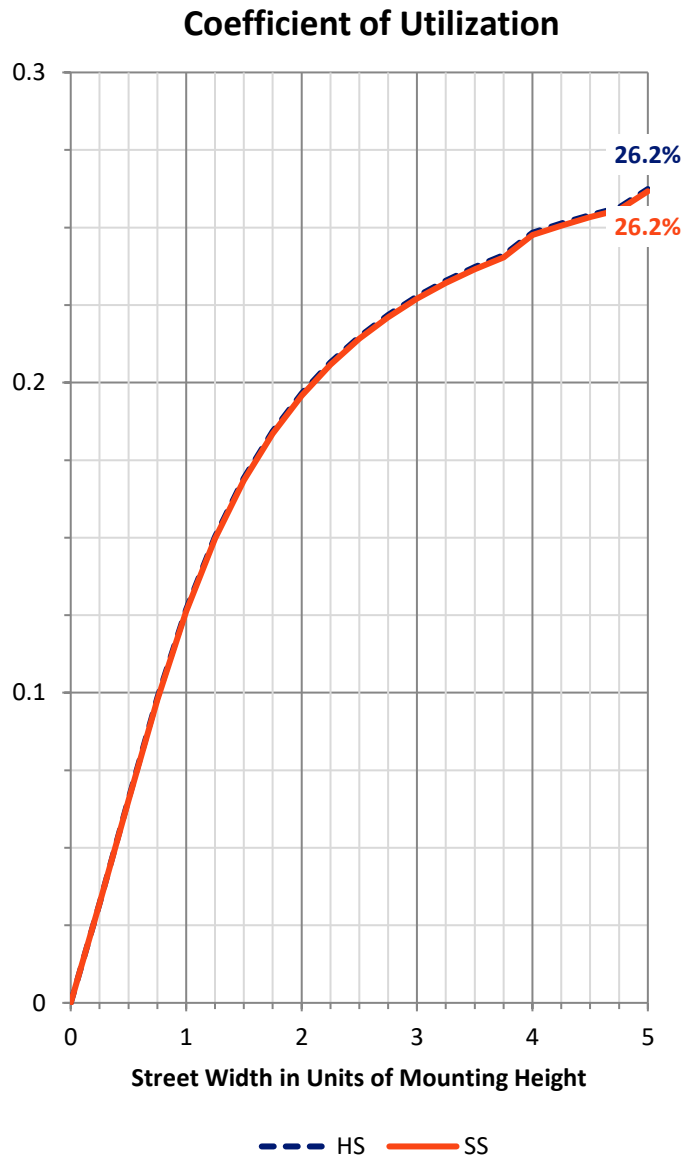
REPORT NUMBER: P981309
CATALOG NUMBER: FFX-CLB-80-750-U-VM9-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4087.7	2816.6	6904.3
	% Fixture	29.6	20.4	50.0
Street Side	Lumens	4087.7	2816.6	6904.3
	% Fixture	29.6	20.4	50.0
Total	Lumens	8175.5	5633.1	13808.6
	% Fixture	59.2	40.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.3	0.1
10°-20°	110.3	0.8
20°-30°	324.0	2.3
30°-40°	659.0	4.8
40°-50°	1022.5	7.4
50°-60°	1320.5	9.6
60°-70°	1518.3	11.0
70°-80°	1609.0	11.7
80°-90°	1595.6	11.6
90°-100°	1483.3	10.7
100°-110°	1293.1	9.4
110°-120°	1056.0	7.6
120°-130°	783.0	5.7
130°-140°	506.8	3.7
140°-150°	286.7	2.1
150°-160°	142.9	1.0
160°-170°	63.4	0.5
170°-180°	18.0	0.1
0°-90°	8175.5	59.2
0°-180°	13808.6	100.0



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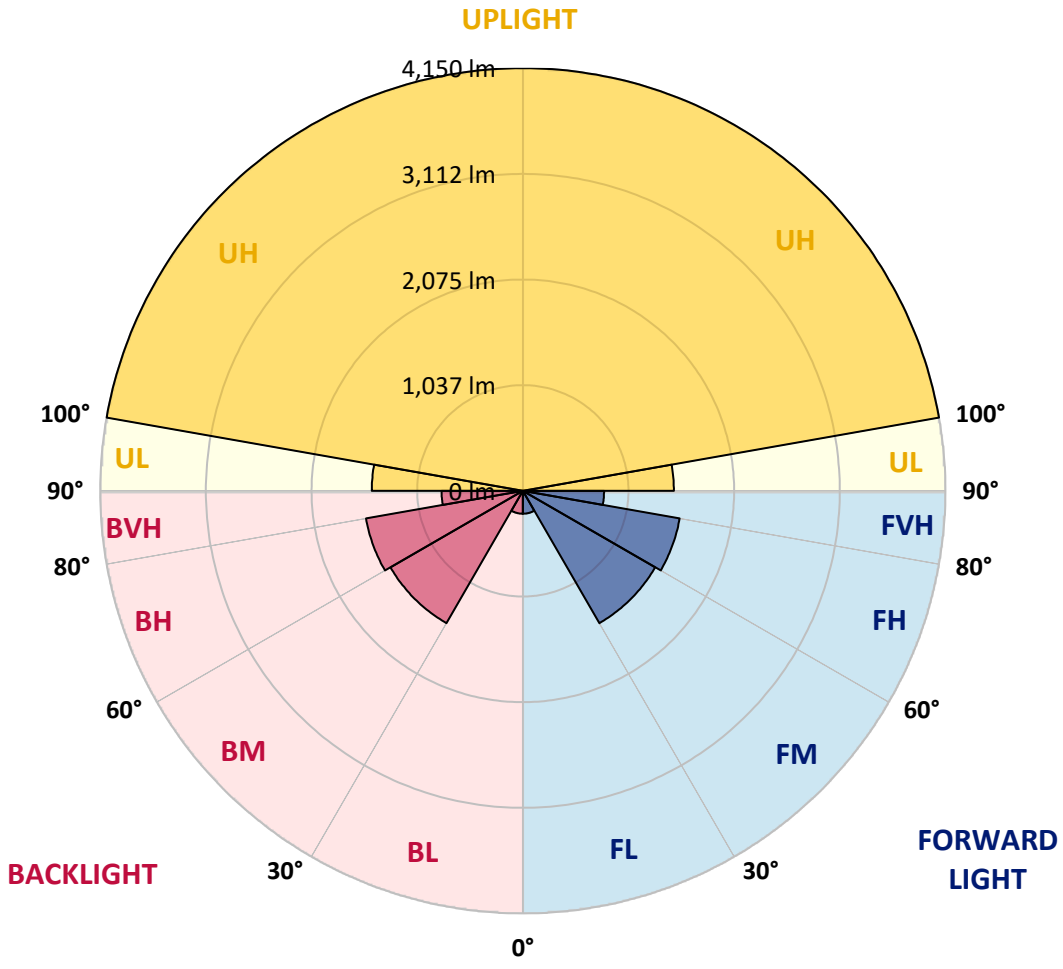
Scaled Data Report

REPORT NUMBER: P981309
CATALOG NUMBER: FFX-CLB-80-750-U-VM9-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	225.3	1.6			
FM	(30°-60°)	1501.0	10.9			
FH	(60°-80°)	1563.6	11.3			G1/1800
FVH	(80°-90°)	797.8	5.8			G5
BL	(0°-30°)	225.3	1.6	B1/500		
BM	(30°-60°)	1501.0	10.9	B2/2500		
BH	(60°-80°)	1563.6	11.3	B3/2500		G1/1800
BVH	(80°-90°)	797.8	5.8			G5
UL	(90°-100°)	1483.3	10.7		U5	
UH	(100°-180°)	4149.9	30.1		U5	

BUG Rating: B3-U5-G5
Type V Short



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REPORT NUMBER: P981309
CATALOG NUMBER: FFX-CLB-80-750-U-VM9-T5

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8
2.5°	109.8	109.8	109.8	109.8	109.0	109.0	109.0	109.0	109.0	109.0	109.0
5°	135.6	134.7	134.7	135.6	135.6	135.6	134.7	135.6	133.8	133.0	134.7
7.5°	181.9	181.9	181.9	181.9	180.2	180.2	182.8	181.0	181.9	181.0	182.8
10°	237.7	237.7	236.8	238.5	239.4	238.5	237.7	240.2	238.5	238.5	240.2
12.5°	301.2	302.0	302.0	302.9	304.6	302.0	304.6	304.6	304.6	302.9	302.0
15°	374.1	373.2	374.9	374.1	370.7	374.1	374.9	373.2	374.1	374.9	375.8
17.5°	441.9	441.0	441.9	441.0	444.4	445.3	444.4	444.4	444.4	445.3	443.6
20°	516.5	517.4	514.8	517.4	517.4	519.1	522.5	521.7	522.5	519.9	517.4
22.5°	598.0	598.9	596.3	595.5	600.6	599.7	599.7	602.3	604.0	604.0	602.3
25°	685.5	683.8	683.8	686.4	686.4	685.5	689.8	691.5	690.7	693.3	695.0
27.5°	773.1	771.3	771.3	774.8	774.8	774.8	774.8	782.5	783.4	785.1	785.9
30°	858.0	864.0	864.0	862.3	864.9	869.2	871.7	871.7	874.3	874.3	875.2
32.5°	950.7	950.7	952.4	955.0	955.0	962.7	958.4	965.2	963.5	968.7	972.1
35°	1038.2	1039.9	1039.9	1045.0	1045.0	1046.8	1047.6	1051.9	1057.9	1057.1	1057.9
37.5°	1119.7	1118.8	1117.1	1124.8	1126.6	1125.7	1126.6	1133.4	1135.1	1137.7	1136.0
40°	1194.3	1191.8	1196.0	1200.3	1200.3	1202.1	1203.8	1207.2	1210.6	1212.4	1214.9
42.5°	1257.0	1256.1	1260.4	1263.8	1264.7	1265.5	1265.5	1268.1	1276.7	1279.3	1281.0
45°	1311.9	1311.0	1316.2	1320.5	1323.0	1323.0	1320.5	1323.9	1331.6	1334.2	1335.0
47.5°	1359.1	1359.9	1366.8	1371.9	1373.7	1371.1	1369.4	1372.8	1378.8	1385.7	1384.8
50°	1398.5	1399.4	1407.1	1415.7	1416.6	1414.0	1409.7	1412.3	1420.8	1426.0	1426.9
52.5°	1432.0	1432.9	1442.3	1450.9	1451.7	1447.4	1442.3	1446.6	1454.3	1460.3	1462.0
55°	1458.6	1461.2	1470.6	1480.0	1482.6	1476.6	1469.8	1472.3	1480.9	1490.3	1491.2
57.5°	1478.3	1479.2	1491.2	1501.5	1504.9	1496.3	1491.2	1491.2	1501.5	1510.1	1511.8
60°	1492.1	1495.5	1509.2	1521.2	1522.9	1515.2	1505.8	1507.5	1518.7	1528.1	1530.7
62.5°	1504.1	1507.5	1520.4	1535.0	1536.7	1526.4	1516.9	1517.8	1530.7	1540.1	1543.5
65°	1510.1	1512.7	1528.1	1542.7	1544.4	1534.1	1522.9	1523.8	1535.8	1547.0	1547.8
67.5°	1511.8	1514.4	1530.7	1547.8	1548.7	1537.5	1524.7	1527.2	1539.2	1550.4	1552.1
70°	1510.1	1513.5	1529.8	1547.8	1549.5	1535.8	1522.9	1524.7	1538.4	1549.5	1553.0
72.5°	1504.1	1508.4	1524.7	1543.5	1544.4	1531.5	1518.7	1518.7	1534.1	1546.1	1547.8
75°	1496.3	1500.6	1518.7	1537.5	1538.4	1524.7	1510.9	1512.7	1527.2	1538.4	1540.1
77.5°	1487.8	1490.3	1508.4	1528.1	1529.8	1515.2	1501.5	1503.2	1516.9	1529.0	1530.7
80°	1474.0	1476.6	1495.5	1514.4	1516.1	1501.5	1486.9	1490.3	1504.1	1515.2	1515.2
82.5°	1457.7	1459.5	1478.3	1498.9	1499.8	1485.2	1472.3	1474.0	1487.8	1498.9	1498.9
85°	1438.9	1441.4	1460.3	1480.0	1480.0	1466.3	1452.6	1456.0	1468.9	1479.2	1482.6
87.5°	1418.3	1419.1	1438.0	1456.0	1456.9	1443.2	1431.1	1433.7	1446.6	1456.0	1456.9
90°	1394.2	1396.0	1414.0	1431.1	1432.0	1418.3	1407.1	1410.5	1420.8	1429.4	1432.0
92.5°	1367.6	1370.2	1387.4	1403.7	1402.8	1390.8	1381.4	1385.7	1394.2	1402.8	1402.8
95°	1340.2	1343.6	1357.4	1372.8	1371.1	1360.8	1353.1	1356.5	1365.1	1371.9	1373.7
97.5°	1311.0	1311.9	1326.5	1337.6	1337.6	1328.2	1322.2	1324.7	1333.3	1337.6	1339.3
100°	1279.3	1280.1	1291.3	1302.4	1302.4	1293.9	1289.6	1292.1	1299.0	1302.4	1303.3
102.5°	1247.5	1246.7	1256.1	1265.5	1265.5	1258.7	1255.3	1260.4	1263.8	1266.4	1268.1
105°	1211.5	1210.6	1219.2	1227.8	1226.1	1221.8	1218.4	1222.6	1226.9	1228.7	1228.7
107.5°	1172.0	1175.5	1180.6	1187.5	1186.6	1183.2	1183.2	1185.8	1188.3	1189.2	1190.0
110°	1138.6	1137.7	1142.9	1146.3	1147.1	1145.4	1147.1	1148.0	1148.9	1148.9	1148.9

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Scaled Data Report

REPORT NUMBER: P981309
CATALOG NUMBER: FFX-CLB-80-750-U-VM9-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1100.0	1100.0	1101.7	1104.2	1105.1	1106.0	1106.8	1110.2	1108.5	1109.4	*1107.7*
115°	1057.9	1058.8	1060.5	1061.3	1063.1	1063.9	1068.2	1068.2	1069.1	1067.3	*1064.8*
117.5°	1015.9	1017.6	1016.7	1015.9	1019.3	1021.9	1024.4	1026.2	1026.2	1022.7	*1021.0*
120°	970.4	968.7	968.7	968.7	971.3	975.5	979.0	979.8	979.0	974.7	*973.8*
122.5°	920.6	922.3	919.8	920.6	921.5	927.5	930.1	931.8	929.2	924.1	*925.8*
125°	869.2	870.9	866.6	866.6	870.9	873.4	876.0	878.6	874.3	871.7	*870.0*
127.5°	814.2	814.2	813.4	810.8	816.0	818.5	823.7	823.7	820.2	816.8	*818.5*
130°	758.5	757.6	759.3	757.6	758.5	763.6	767.9	766.2	764.5	762.8	*762.8*
132.5°	701.0	702.7	701.0	700.1	704.4	706.1	710.4	712.1	708.7	704.4	*706.1*
135°	646.9	646.1	645.2	645.2	647.8	652.1	654.7	653.8	653.8	652.1	*650.4*
137.5°	591.2	593.7	592.0	592.0	593.7	598.0	602.3	601.5	600.6	597.2	*595.5*
140°	541.4	539.7	540.5	540.5	544.8	544.8	549.1	549.1	548.3	545.7	*547.4*
142.5°	491.6	490.8	494.2	492.5	494.2	498.5	500.2	499.4	497.6	498.5	*499.4*
145°	446.2	447.0	446.2	447.0	449.6	452.2	455.6	453.9	453.9	451.3	*450.4*
147.5°	403.3	403.3	402.4	405.8	406.7	410.1	411.0	411.8	410.1	408.4	*411.0*
150°	365.5	364.6	364.6	365.5	367.2	369.8	371.5	371.5	372.4	370.7	*369.8*
152.5°	330.3	328.6	329.5	331.2	332.0	334.6	334.6	336.3	335.5	334.6	*334.6*
155°	298.6	299.4	299.4	300.3	302.0	302.9	304.6	303.7	304.6	303.7	*303.7*
157.5°	272.8	274.6	274.6	275.4	274.6	275.4	276.3	277.1	277.1	277.1	*277.1*
160°	252.3	251.4	251.4	251.4	251.4	252.3	254.0	253.1	254.0	253.1	*252.3*
162.5°	233.4	233.4	233.4	233.4	234.2	234.2	234.2	235.1	234.2	234.2	*234.2*
165°	217.9	218.8	217.9	217.9	217.9	218.8	218.8	218.8	218.8	218.8	*218.8*
167.5°	205.9	206.8	206.8	206.8	206.8	206.8	207.6	206.8	206.8	206.8	*206.8*
170°	196.5	197.3	197.3	196.5	197.3	196.5	196.5	197.3	196.5	196.5	*196.5*
172.5°	189.6	189.6	189.6	189.6	189.6	189.6	189.6	189.6	189.6	188.8	*188.8*
175°	183.6	183.6	183.6	183.6	183.6	183.6	183.6	183.6	183.6	183.6	*183.6*
177.5°	180.2	180.2	181.0	180.2	180.2	180.2	180.2	180.2	180.2	180.2	*180.2*
180°	179.3	179.3	179.3	179.3	179.3	179.3	179.3	179.3	179.3	179.3	*179.3*

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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

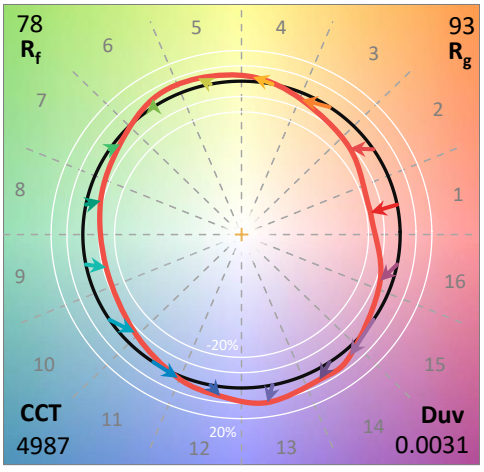
Test Information

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

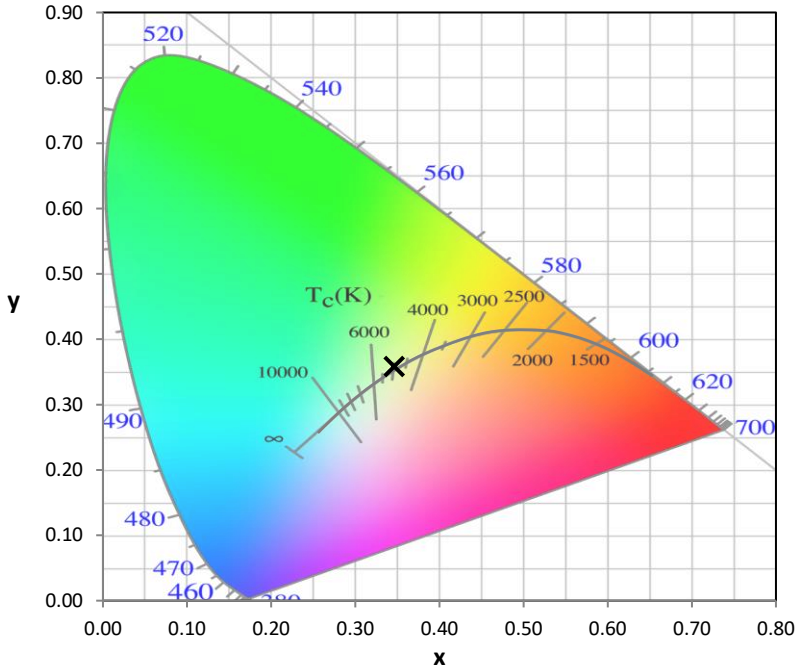
Stabilization Time:	67M
Operation Time:	2H 7M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-5

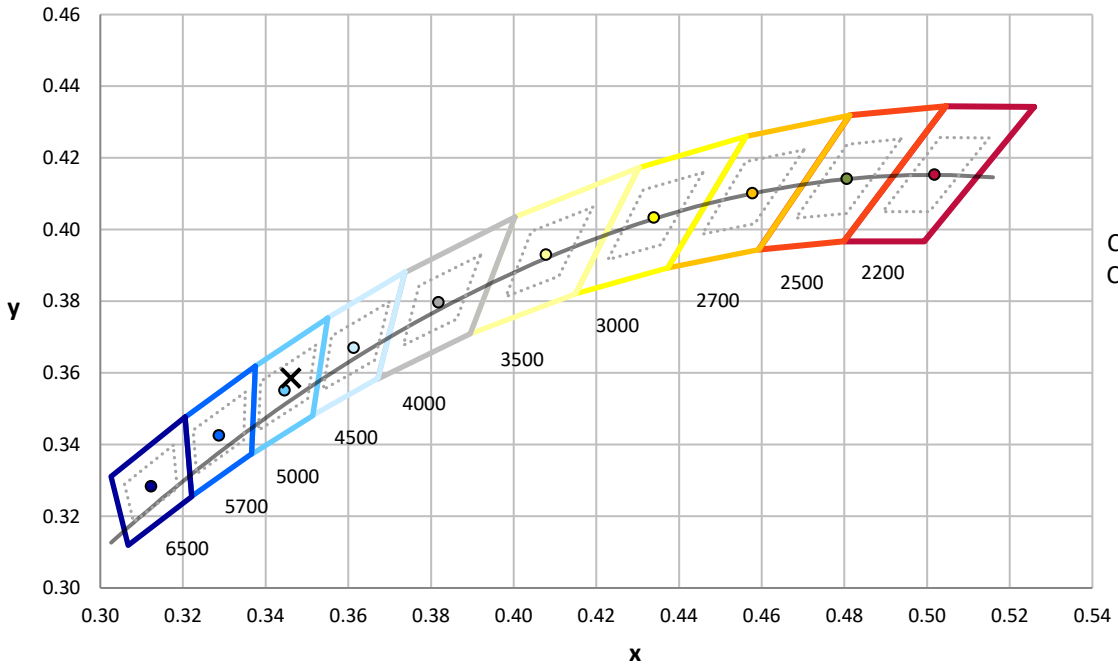
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

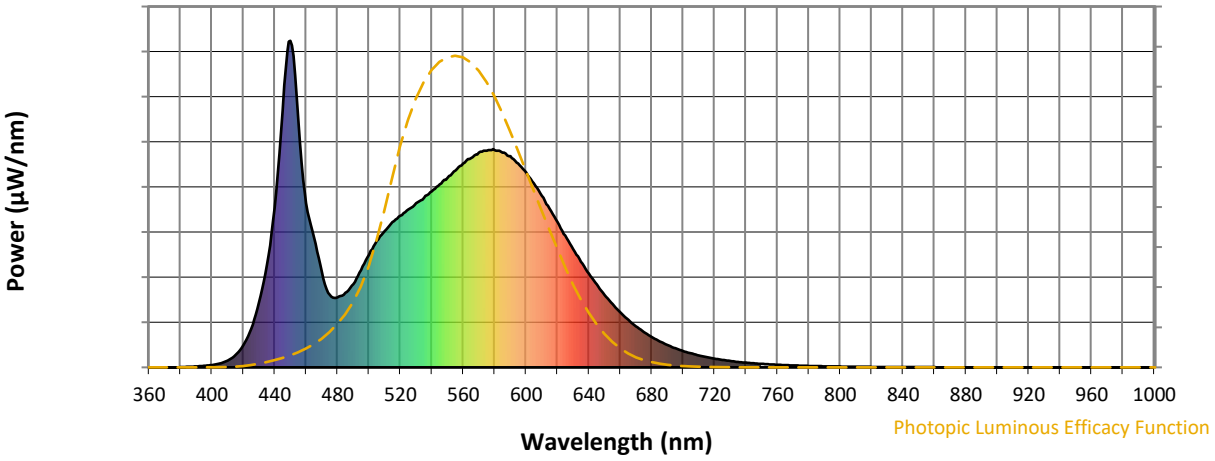


CCT = 4987K
CIE x = 0.3461
CIE y = 0.3586
Duv = 0.0031

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-5

Photopic Flux vs. Wavelength

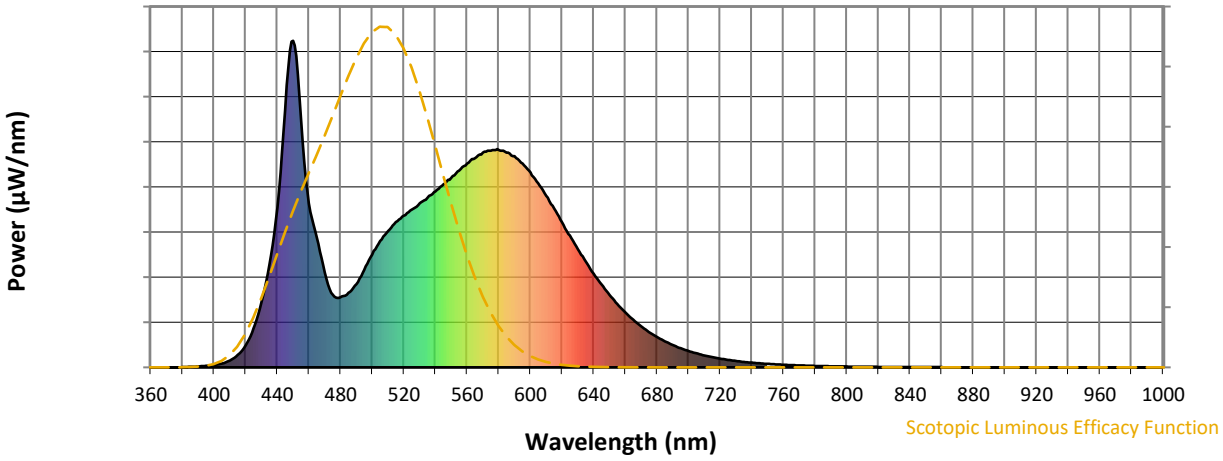


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

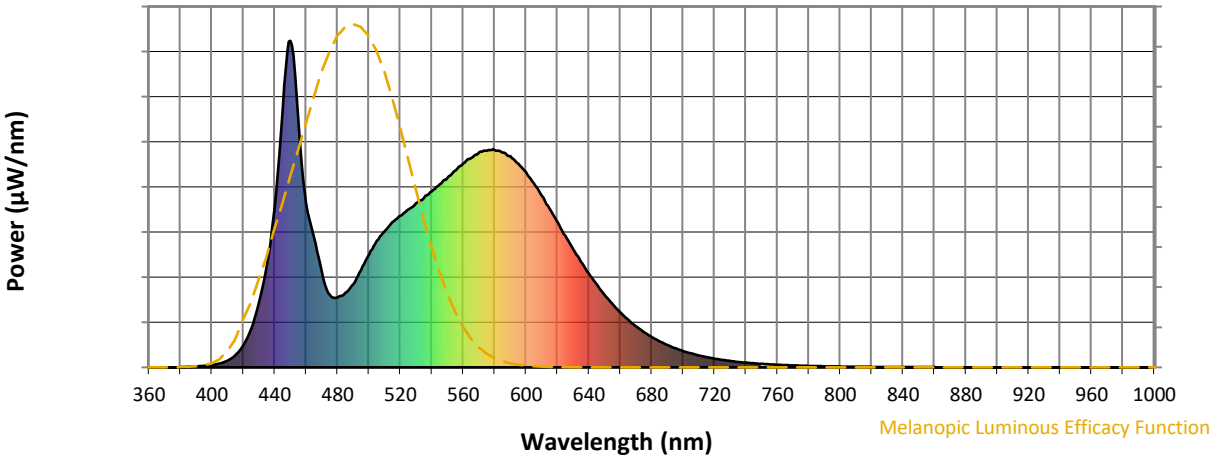


Scotopic Lumens: NR **S/P: 1.87**

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			

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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			

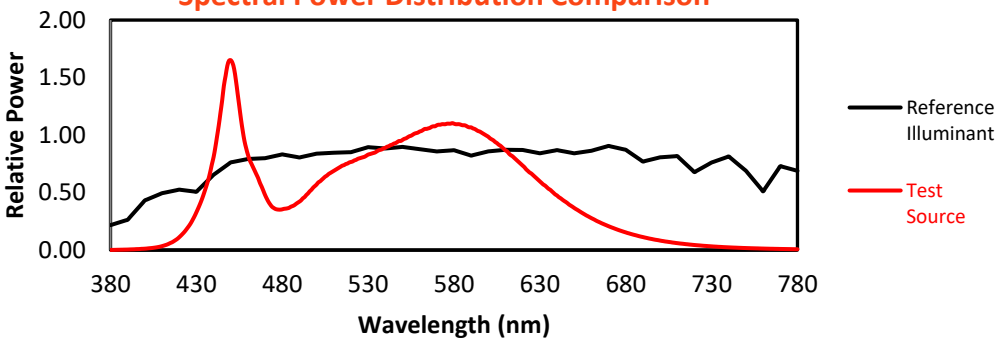
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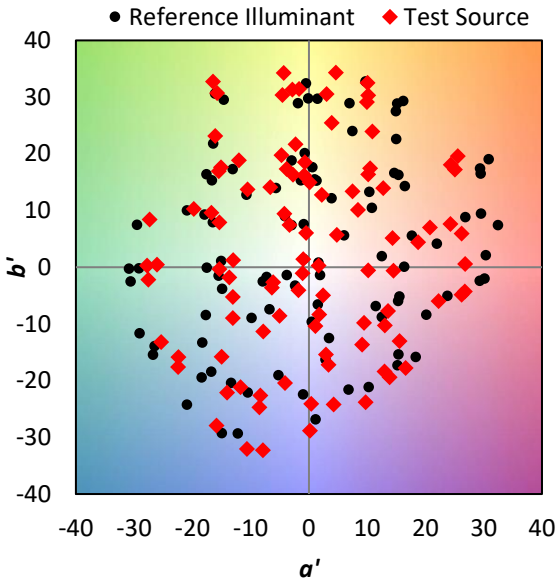
Summary

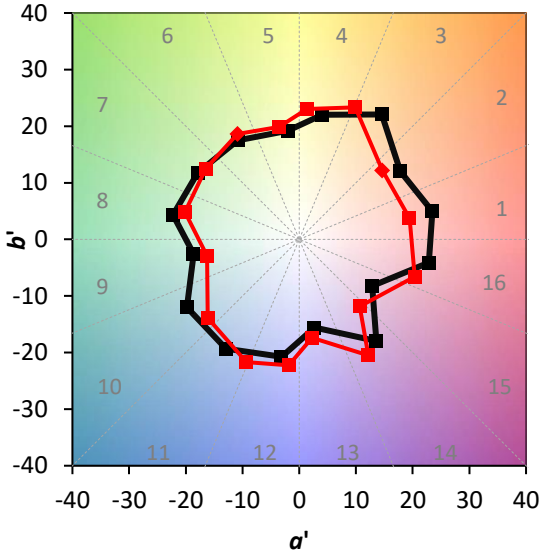
R_f = 78.3
R_g = 93.4
CIE R_a = 75.8
R_9 = -30.4

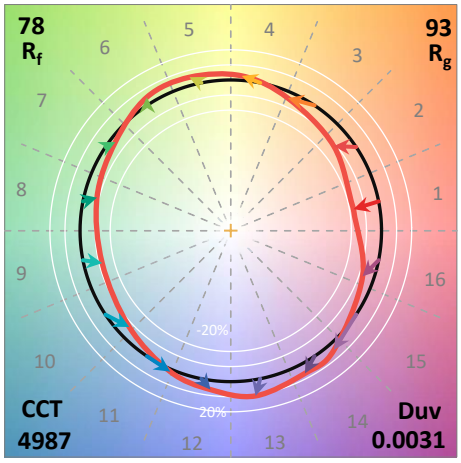
Spectral Power Distribution Comparison

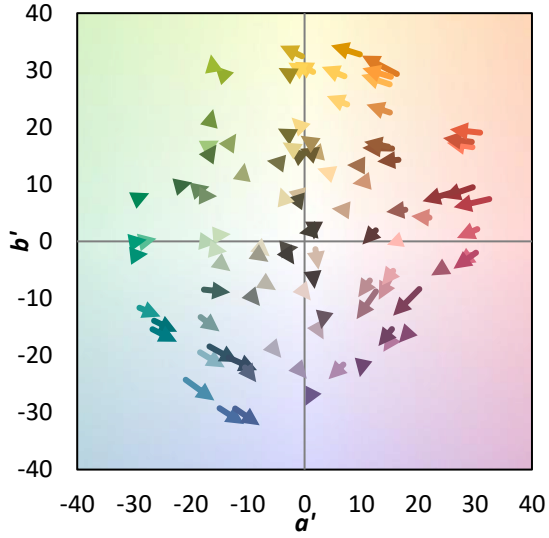


Color Vector Graphics







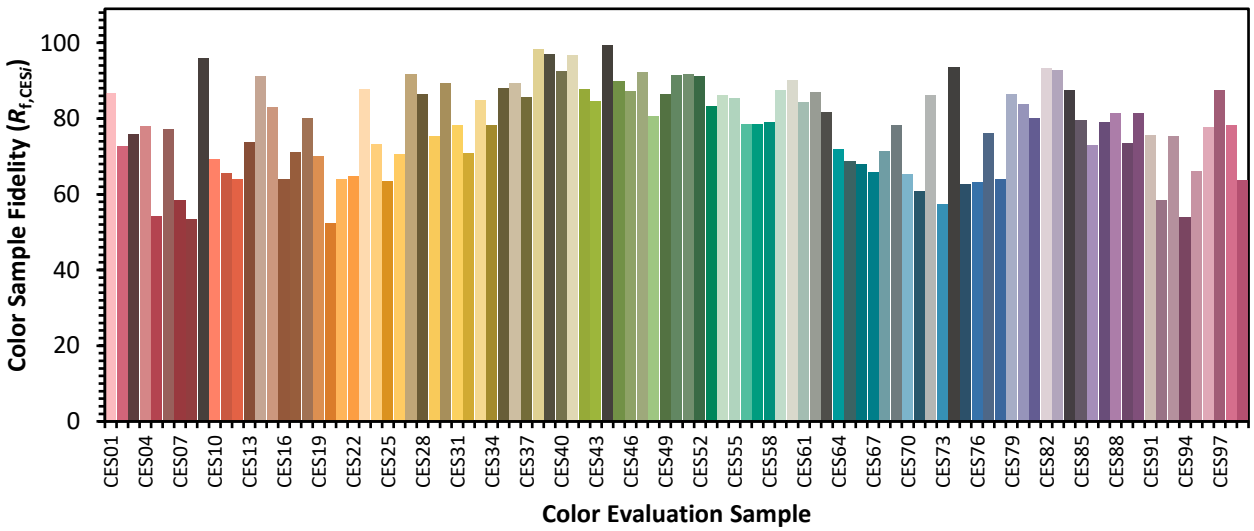


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Individual Sample Fidelity Index ($R_{f,i}$)

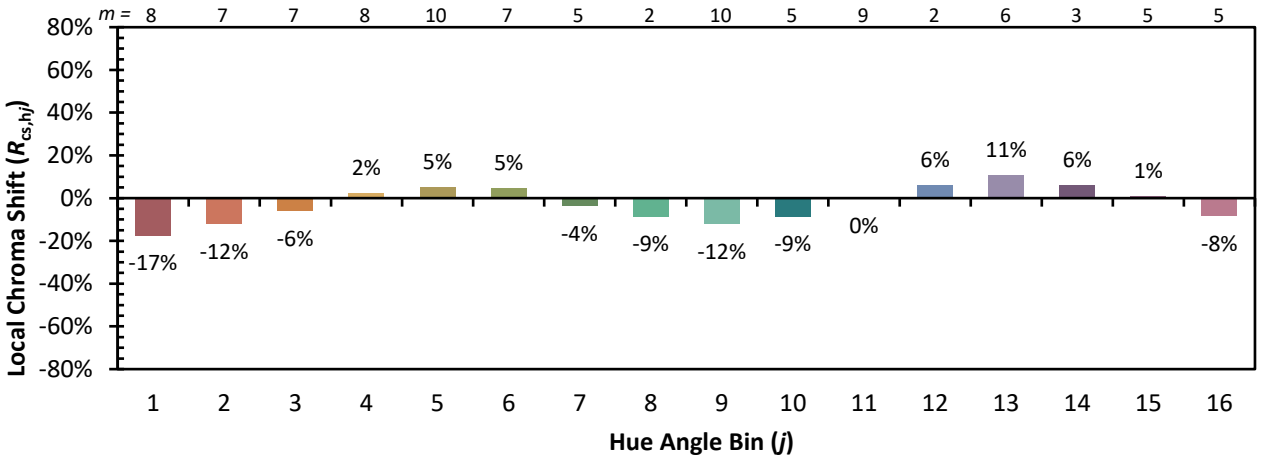
CES01 = 85	CES26 = 71	CES51 = 92	CES76 = 63
CES02 = 60	CES27 = 92	CES52 = 91	CES77 = 76
CES03 = 30	CES28 = 86	CES53 = 83	CES78 = 64
CES04 = 69	CES29 = 75	CES54 = 86	CES79 = 86
CES05 = 46	CES30 = 89	CES55 = 85	CES80 = 84
CES06 = 50	CES31 = 78	CES56 = 79	CES81 = 80
CES07 = 39	CES32 = 71	CES57 = 78	CES82 = 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	

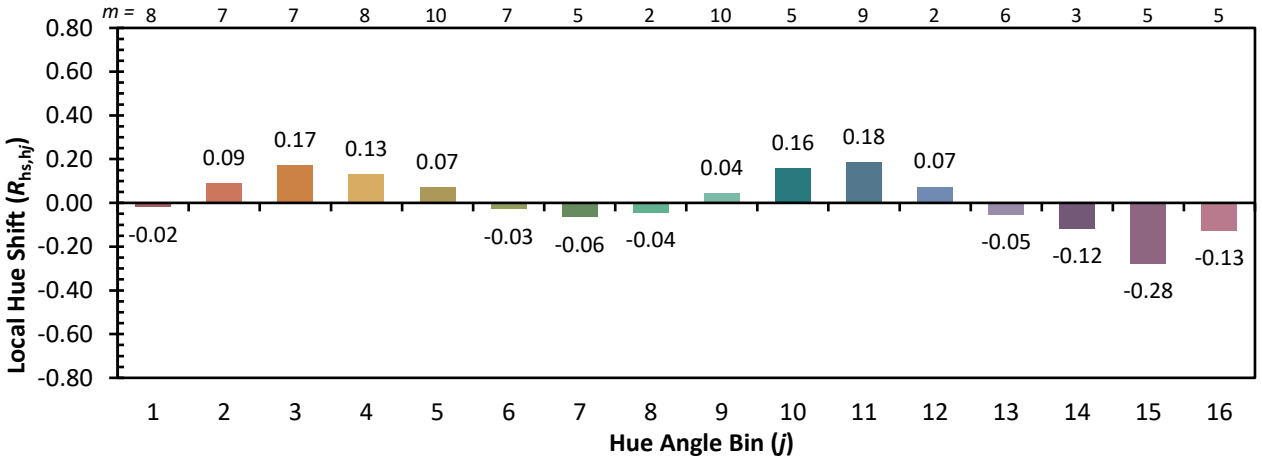


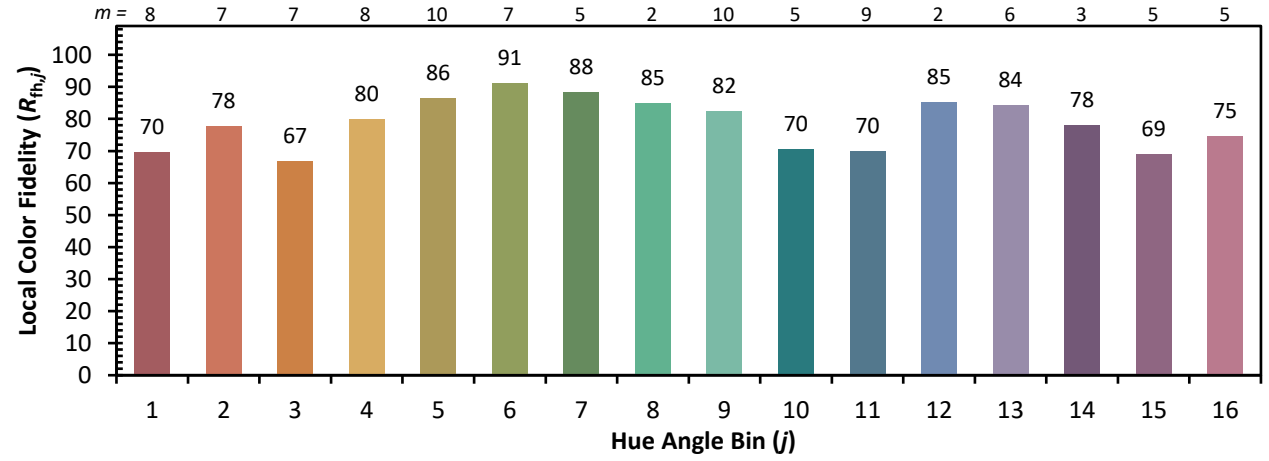
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Color Rendition by Hue-Angle Bin



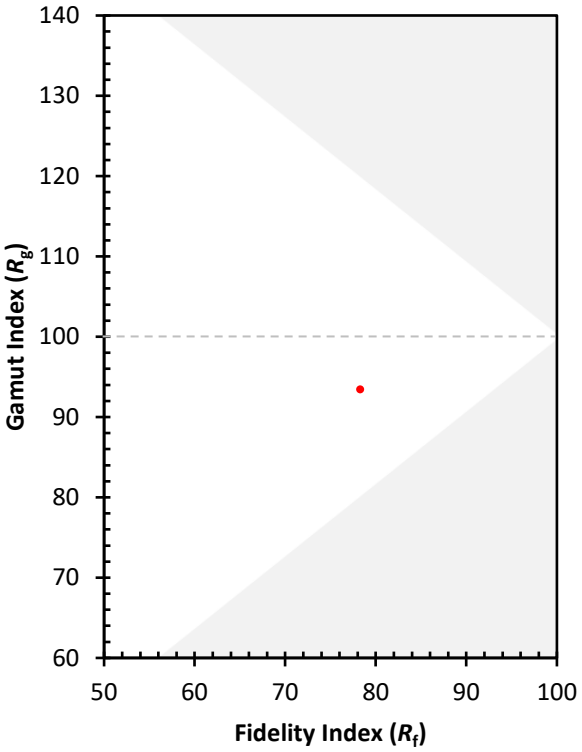


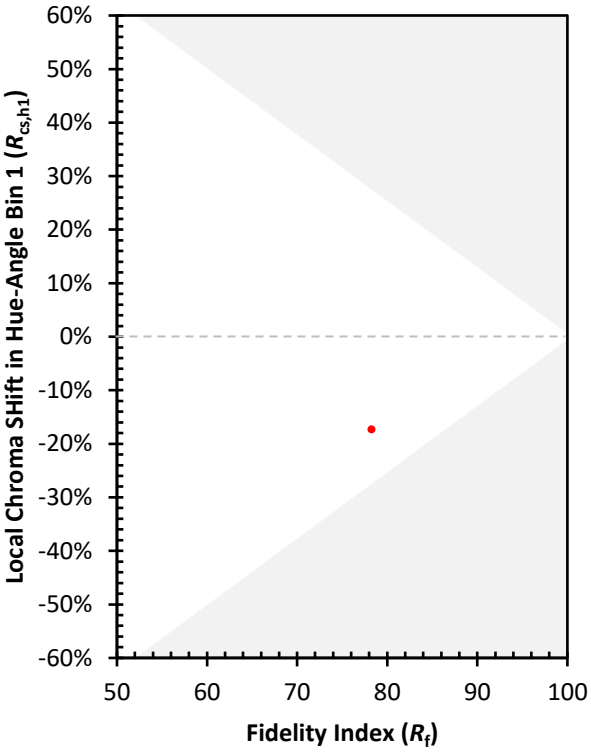


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Measure Comparisons





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