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: P981226

Luminaire Tested: **FFX-CLB-100-722-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:	P981226
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-100-722-U-VM8-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source:	(6) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13075 lumens
Efficiency:	N/A
Efficacy:	134.8 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G5

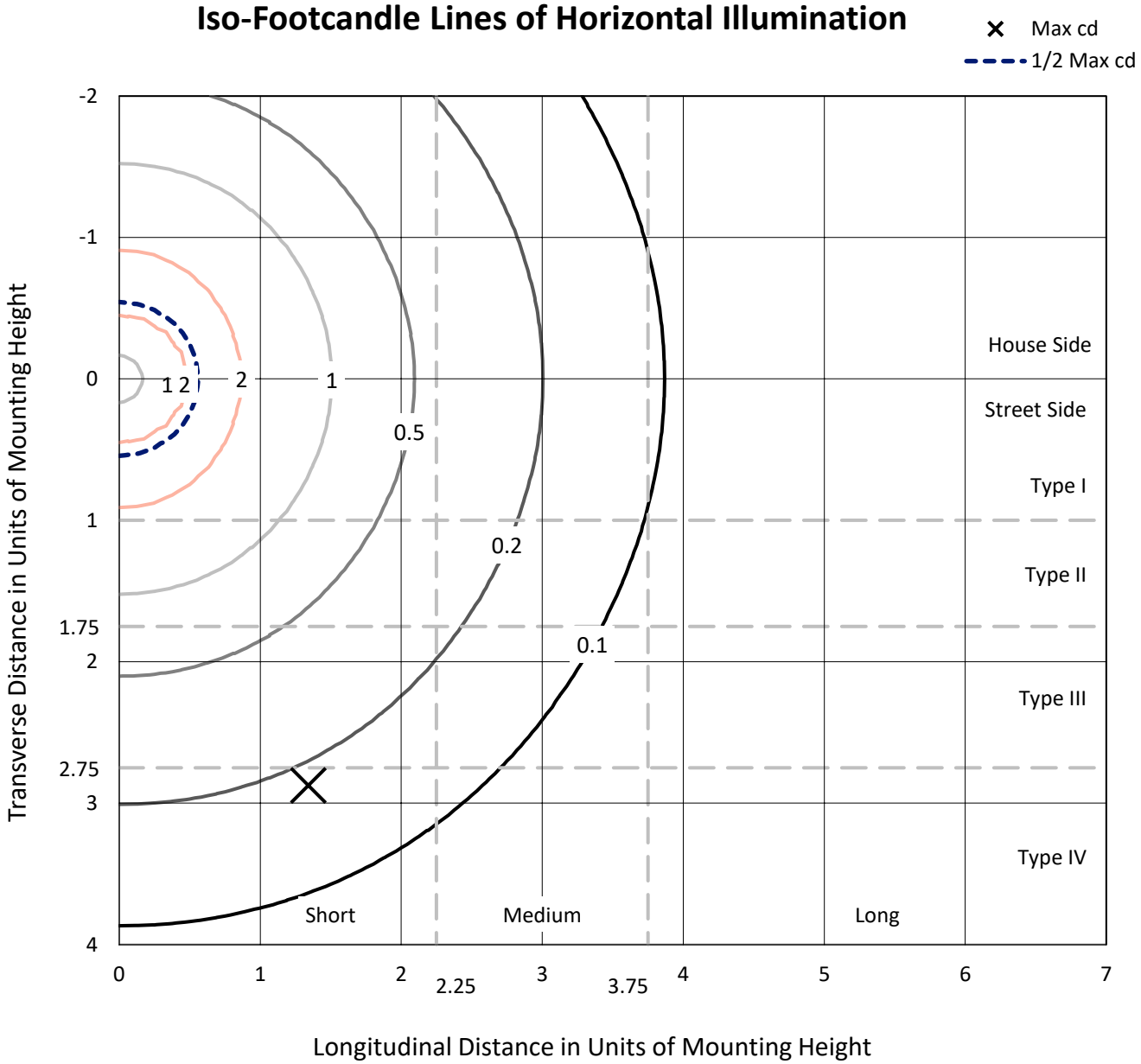
Input Watts (W):	97
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981226
CATALOG NUMBER: FFX-CLB-100-722-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



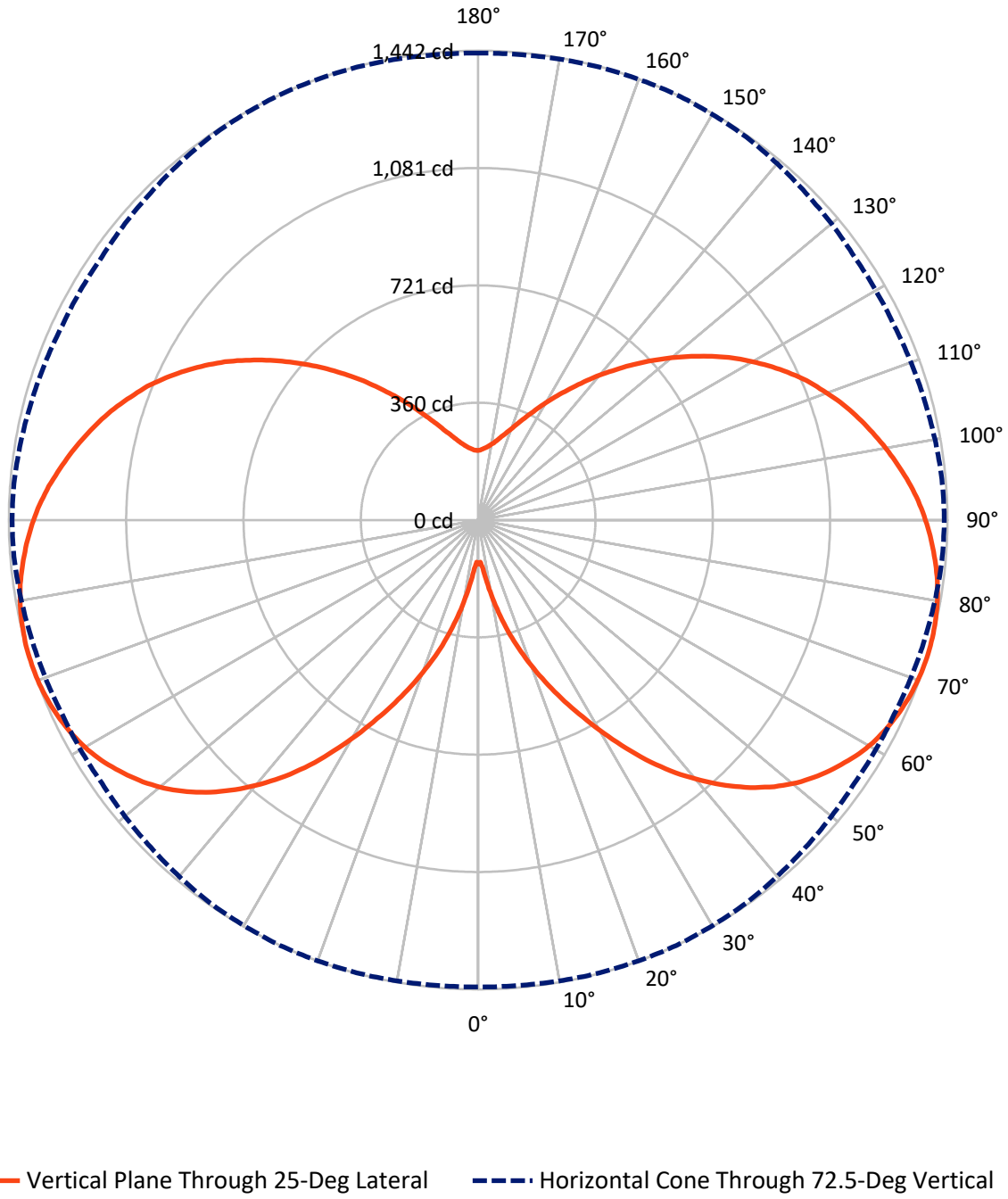
Based on 15 foot mounting height. Maximum calculated value = 2.2 fc
Type V - Short - N/A

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REPORT NUMBER: P981226
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Luminous Intensity Polar Plot



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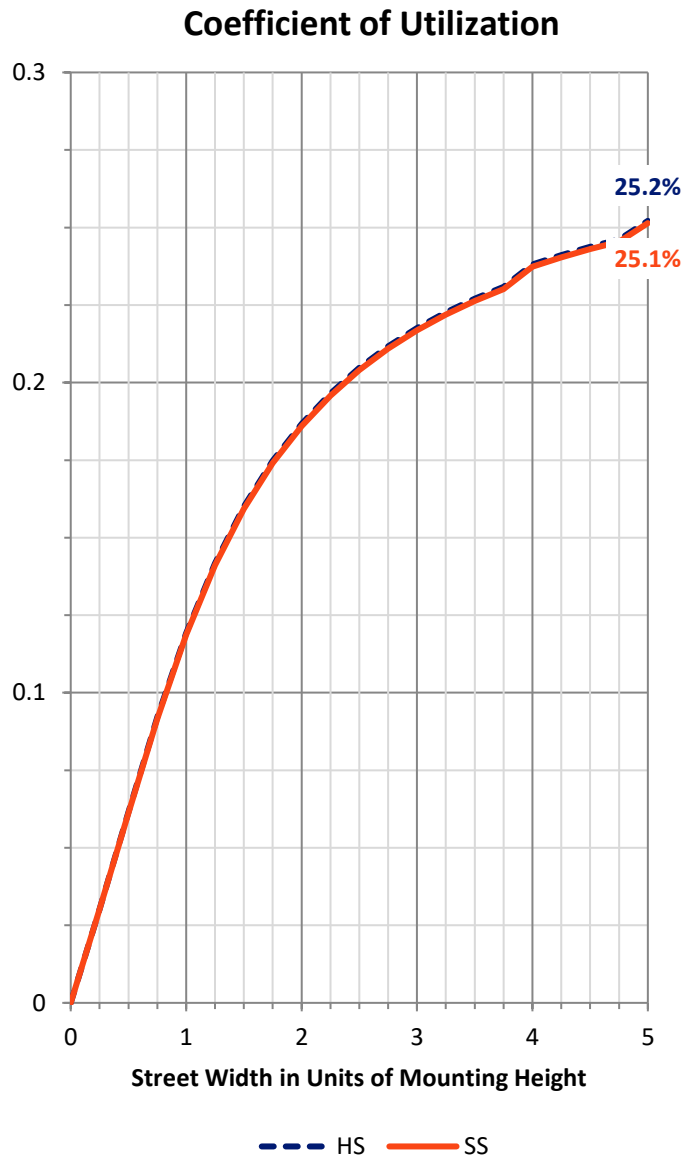
REPORT NUMBER: P981226
CATALOG NUMBER: FFX-CLB-100-722-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3740.3	2797.2	6537.5
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	3740.3	2797.2	6537.5
	% Fixture	28.6	21.4	50.0
Total	Lumens	7480.5	5594.4	13075.0
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.5	0.1
10°-20°	106.4	0.8
20°-30°	287.9	2.2
30°-40°	568.3	4.3
40°-50°	895.4	6.8
50°-60°	1186.5	9.1
60°-70°	1395.0	10.7
70°-80°	1507.1	11.5
80°-90°	1516.5	11.6
90°-100°	1427.8	10.9
100°-110°	1262.1	9.7
110°-120°	1040.4	8.0
120°-130°	777.7	5.9
130°-140°	519.3	4.0
140°-150°	308.5	2.4
150°-160°	162.4	1.2
160°-170°	74.9	0.6
170°-180°	21.4	0.2
0°-90°	7480.5	57.2
0°-180°	13075.0	100.0



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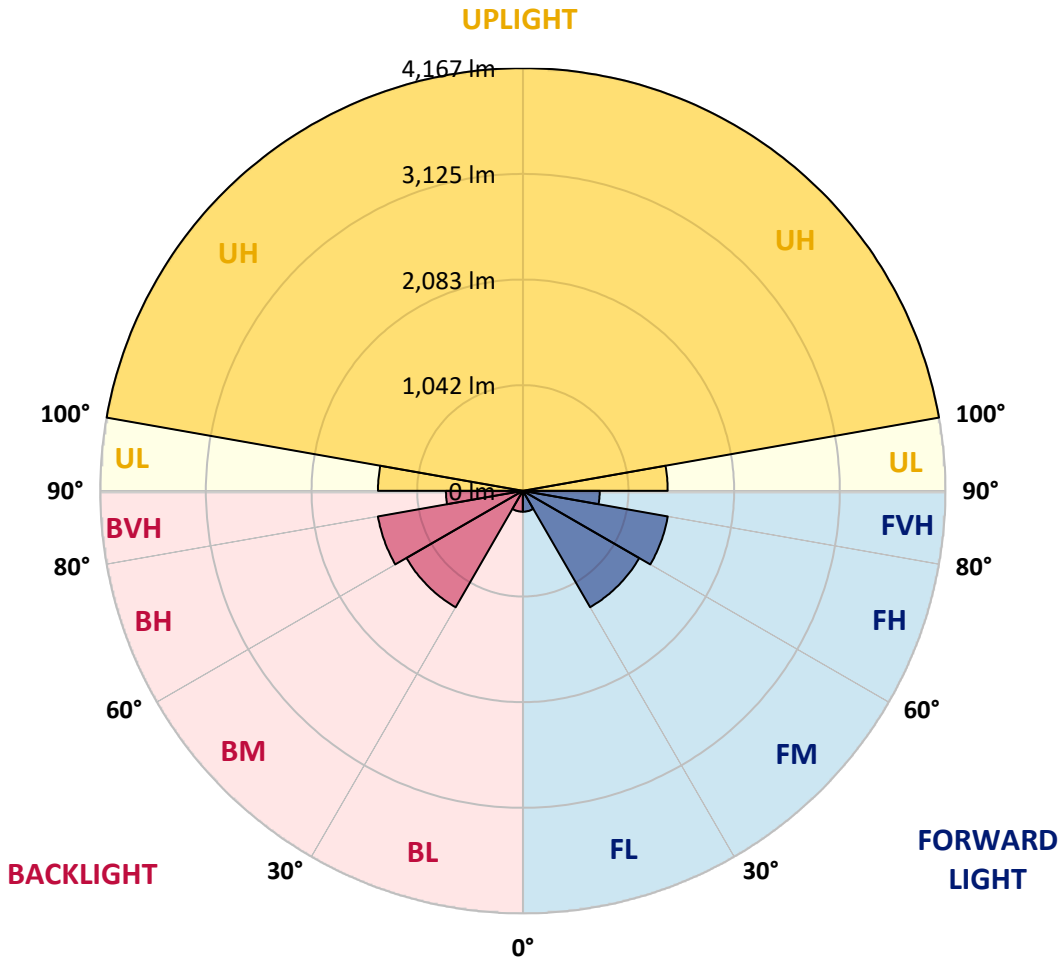
Scaled Data Report

REPORT NUMBER: P981226
CATALOG NUMBER: FFX-CLB-100-722-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	205.9	1.6			
FM	(30°-60°)	1325.1	10.1			
FH	(60°-80°)	1451.1	11.1			G1/1800
FVH	(80°-90°)	758.2	5.8			G5
BL	(0°-30°)	205.9	1.6	B1/500		
BM	(30°-60°)	1325.1	10.1	B2/2500		
BH	(60°-80°)	1451.1	11.1	B3/2500		G1/1800
BVH	(80°-90°)	758.2	5.8			G5
UL	(90°-100°)	1427.8	10.9		U5	
UH	(100°-180°)	4166.6	31.9		U5	

BUG Rating: B3-U5-G5
Type V Short



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REPORT NUMBER: P981226
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	135.8	135.8	135.8	135.8	135.8	135.8	135.8	135.8	135.8	135.8	135.8
2.5°	127.6	127.6	128.5	129.3	130.1	130.9	131.7	132.6	133.4	132.6	132.6
5°	147.3	148.9	148.9	148.9	148.1	148.9	150.6	150.6	152.2	151.4	150.6
7.5°	189.0	193.1	193.1	192.3	191.5	192.3	191.5	191.5	191.5	190.7	192.3
10°	246.3	244.7	245.5	244.7	243.0	243.8	244.7	243.0	243.0	243.0	243.0
12.5°	301.9	301.1	303.6	302.8	303.6	301.1	302.8	301.1	301.1	298.7	299.5
15°	367.4	367.4	366.6	364.1	364.9	361.7	363.3	362.5	360.0	360.0	359.2
17.5°	428.0	427.1	428.0	424.7	424.7	423.9	422.2	421.4	421.4	419.0	418.1
20°	488.5	486.9	486.1	486.1	483.6	483.6	482.0	478.7	477.0	477.9	476.2
22.5°	554.0	550.7	550.7	550.7	545.8	544.1	543.3	540.1	540.1	537.6	537.6
25°	619.4	620.2	620.2	617.0	614.5	611.2	609.6	607.2	604.7	603.9	604.7
27.5°	691.4	693.1	690.6	684.9	684.1	680.8	676.7	673.4	674.3	670.2	673.4
30°	770.0	766.7	761.8	760.2	756.9	753.6	750.4	743.8	744.6	743.0	743.8
32.5°	842.0	842.0	840.4	835.5	833.0	825.6	822.4	814.2	815.0	814.2	810.9
35°	920.6	918.1	914.8	914.0	905.8	900.9	895.2	886.2	887.8	887.0	887.8
37.5°	986.8	987.6	989.3	985.2	977.8	971.3	964.7	958.2	956.6	957.4	955.7
40°	1058.8	1058.0	1056.4	1051.5	1045.7	1038.4	1030.2	1026.1	1021.2	1024.5	1023.7
42.5°	1117.8	1120.2	1119.4	1114.5	1107.1	1099.8	1093.2	1086.7	1084.2	1083.4	1083.4
45°	1175.0	1175.9	1173.4	1172.6	1162.8	1156.2	1148.0	1142.3	1140.7	1140.7	1143.1
47.5°	1228.2	1227.4	1225.8	1224.1	1216.8	1206.9	1197.1	1193.0	1192.2	1193.9	1194.7
50°	1270.8	1272.4	1271.6	1269.1	1261.8	1252.8	1242.1	1238.0	1238.9	1240.5	1241.3
52.5°	1309.2	1309.2	1310.0	1306.8	1300.2	1290.4	1280.6	1277.3	1277.3	1279.8	1278.1
55°	1338.7	1340.3	1341.1	1338.7	1334.6	1323.1	1313.3	1307.6	1310.0	1312.5	1313.3
57.5°	1366.5	1368.1	1368.1	1368.1	1361.6	1351.0	1341.1	1336.2	1339.5	1343.6	1344.4
60°	1388.6	1389.4	1391.9	1391.9	1386.1	1373.9	1363.2	1359.1	1363.2	1369.0	1368.1
62.5°	1405.0	1405.0	1408.2	1409.1	1403.3	1391.1	1380.4	1377.1	1382.1	1388.6	1391.1
65°	1418.9	1419.7	1422.1	1423.0	1418.1	1404.1	1392.7	1391.9	1398.4	1405.0	1405.8
67.5°	1426.2	1427.1	1431.1	1432.8	1427.1	1413.1	1402.5	1400.1	1409.1	1417.2	1418.1
70°	1431.1	1432.8	1437.7	1439.3	1433.6	1418.9	1407.4	1406.6	1416.4	1425.4	1426.2
72.5°	1434.4	1435.2	1440.2	1441.8	1436.1	1422.1	1410.7	1410.7	1419.7	1430.3	1432.0
75°	1434.4	1435.2	1439.3	1441.8	1436.1	1421.3	1409.1	1409.1	1421.3	1432.0	1434.4
77.5°	1427.9	1430.3	1435.2	1437.7	1432.0	1417.2	1405.8	1405.8	1418.1	1429.5	1432.0
80°	1421.3	1422.1	1427.9	1431.1	1424.6	1410.7	1398.4	1398.4	1411.5	1423.8	1425.4
82.5°	1410.7	1411.5	1417.2	1420.5	1414.8	1400.1	1387.8	1388.6	1400.9	1413.1	1414.8
85°	1396.0	1397.6	1403.3	1405.8	1400.9	1385.3	1373.9	1374.7	1387.8	1399.2	1400.9
87.5°	1380.4	1380.4	1387.0	1389.4	1384.5	1369.0	1357.5	1357.5	1370.6	1382.9	1383.7
90°	1359.1	1360.8	1366.5	1370.6	1364.1	1351.0	1338.7	1338.7	1351.0	1362.4	1365.7
92.5°	1339.5	1340.3	1346.1	1348.5	1342.8	1328.9	1318.2	1318.2	1330.5	1342.0	1343.6
95°	1315.8	1315.8	1319.9	1323.1	1316.6	1305.1	1295.3	1295.3	1305.1	1315.0	1316.6
97.5°	1290.4	1290.4	1295.3	1294.5	1289.6	1277.3	1269.1	1268.3	1278.1	1286.3	1288.8
100°	1261.8	1263.4	1266.7	1265.9	1261.8	1249.5	1242.1	1242.1	1249.5	1256.9	1258.5
102.5°	1233.9	1233.9	1235.6	1234.8	1229.0	1218.4	1214.3	1213.5	1220.0	1224.9	1225.8
105°	1205.3	1205.3	1203.7	1203.7	1196.3	1188.1	1183.2	1183.2	1188.9	1192.2	1192.2
107.5°	1172.6	1170.9	1172.6	1170.1	1162.8	1154.6	1152.1	1151.3	1153.8	1157.0	1155.4
110°	1139.0	1138.2	1137.4	1132.5	1126.8	1121.8	1117.8	1117.8	1120.2	1121.0	1121.0

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REPORT NUMBER: P981226
CATALOG NUMBER: FFX-CLB-100-722-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1103.8	1103.0	1100.6	*1096.5*	1089.9	1085.0	1081.7	1081.7	1082.6	1081.7	1080.1
115°	1065.4	1063.7	1061.3	*1053.9*	1047.4	1044.1	1042.5	1044.1	1043.3	1040.8	1040.8
117.5°	1023.7	1022.0	1017.9	*1009.7*	1004.0	1001.6	1002.4	1001.6	999.9	997.5	998.3
120°	977.0	977.0	970.5	*963.9*	959.0	959.0	958.2	958.2	955.7	952.5	950.8
122.5°	928.7	928.7	923.0	*917.3*	911.6	911.6	912.4	911.6	909.9	906.6	905.0
125°	882.1	878.0	873.1	*866.5*	862.5	861.6	864.1	864.9	861.6	857.5	858.4
127.5°	830.5	828.1	823.2	*815.8*	812.5	811.7	814.2	815.8	811.7	809.3	808.4
130°	776.5	774.9	770.8	*765.1*	761.8	762.6	765.1	767.5	763.4	761.0	759.4
132.5°	723.3	723.3	720.9	*715.2*	711.1	714.3	716.0	717.6	713.5	712.7	711.9
135°	675.1	674.3	669.3	*666.1*	662.8	663.6	666.9	666.1	665.3	663.6	662.0
137.5°	625.2	625.2	622.7	*617.0*	617.0	617.8	619.4	619.4	620.2	617.0	617.8
140°	578.5	577.7	576.1	*572.0*	569.5	571.2	572.8	573.6	573.6	570.3	571.2
142.5°	534.3	533.5	528.6	*526.1*	526.1	527.0	527.8	528.6	528.6	527.0	527.8
145°	486.9	488.5	486.1	*483.6*	483.6	483.6	486.1	486.9	487.7	486.1	486.1
147.5°	447.6	449.2	446.8	*445.1*	445.1	445.1	446.8	447.6	446.0	446.8	446.8
150°	410.8	410.8	409.1	*408.3*	407.5	408.3	410.0	410.8	410.8	409.1	409.1
152.5°	375.6	374.8	373.9	*373.9*	373.9	373.9	375.6	375.6	376.4	376.4	374.8
155°	345.3	344.5	344.5	*343.7*	344.5	344.5	344.5	345.3	345.3	346.1	346.9
157.5°	317.5	316.7	317.5	*317.5*	317.5	318.3	318.3	319.1	317.5	318.3	319.1
160°	294.6	295.4	294.6	*293.8*	293.8	294.6	294.6	295.4	295.4	294.6	295.4
162.5°	274.9	274.9	274.1	*274.9*	275.8	274.9	274.9	275.8	275.8	275.8	275.8
165°	259.4	258.6	258.6	*258.6*	258.6	258.6	259.4	259.4	259.4	259.4	260.2
167.5°	245.5	244.7	244.7	*244.7*	245.5	245.5	245.5	246.3	246.3	246.3	245.5
170°	234.8	234.0	234.0	*234.0*	234.8	234.8	234.8	234.8	234.8	234.8	234.8
172.5°	225.8	225.8	225.8	*225.8*	225.8	225.8	225.8	225.8	225.8	226.7	225.8
175°	220.1	220.1	220.1	*220.1*	219.3	219.3	220.1	220.1	220.1	220.1	220.1
177.5°	215.2	215.2	216.0	*215.2*	215.2	215.2	216.0	216.0	216.0	215.2	215.2
180°	213.6	213.6	213.6	*213.6*	213.6	213.6	213.6	213.6	213.6	213.6	213.6

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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: SP1-2501-332-2

Test Date: 03/20/2025

Luminaire Tested: FFX-CLB-100-722-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-722-U-FR-T5

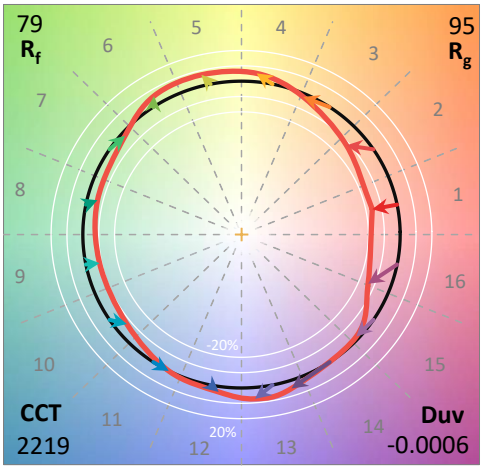
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Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-2
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-100-722-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	2219	CRI (Ra):	73.3		
CIE u':	0.2889	R1:	71.2	R9:	-25.6
CIE v':	0.5348	R2:	89.1	R10:	78.7
Duv:	-0.0006	R3:	88.3	R11:	66.6
CIE x:	0.5023	R4:	68.0	R12:	77.1
CIE y:	0.4133	R5:	71.8	R13:	75.0
CIE z:	0.0844	R6:	89.6	R14:	93.9
Peak Wavelength (nm):	606	R7:	71.4	R15:	61.0
Dominant Wavelength (nm):	587	R8:	37.3		
Purity:	74.84521				
Rf:	78.8				
Rg:	94.5				



Test Conditions

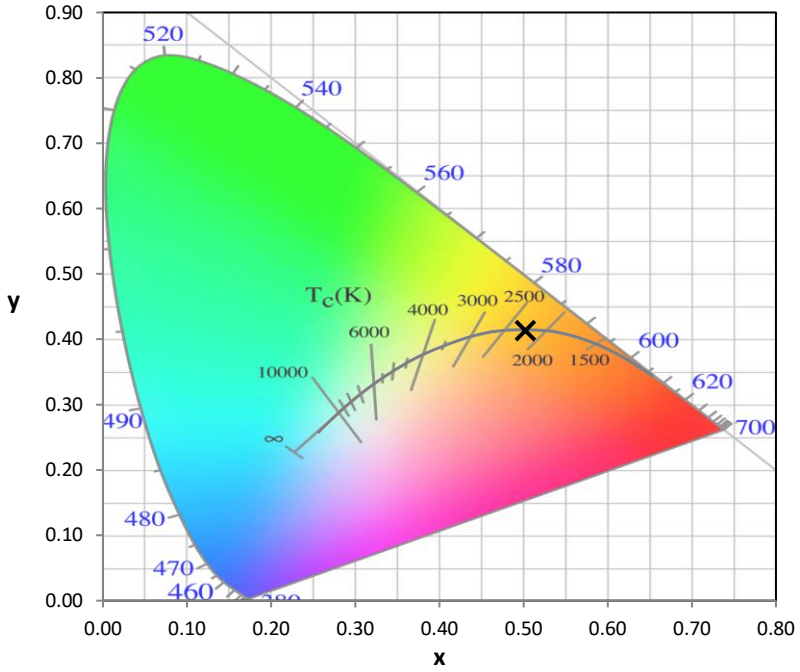
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

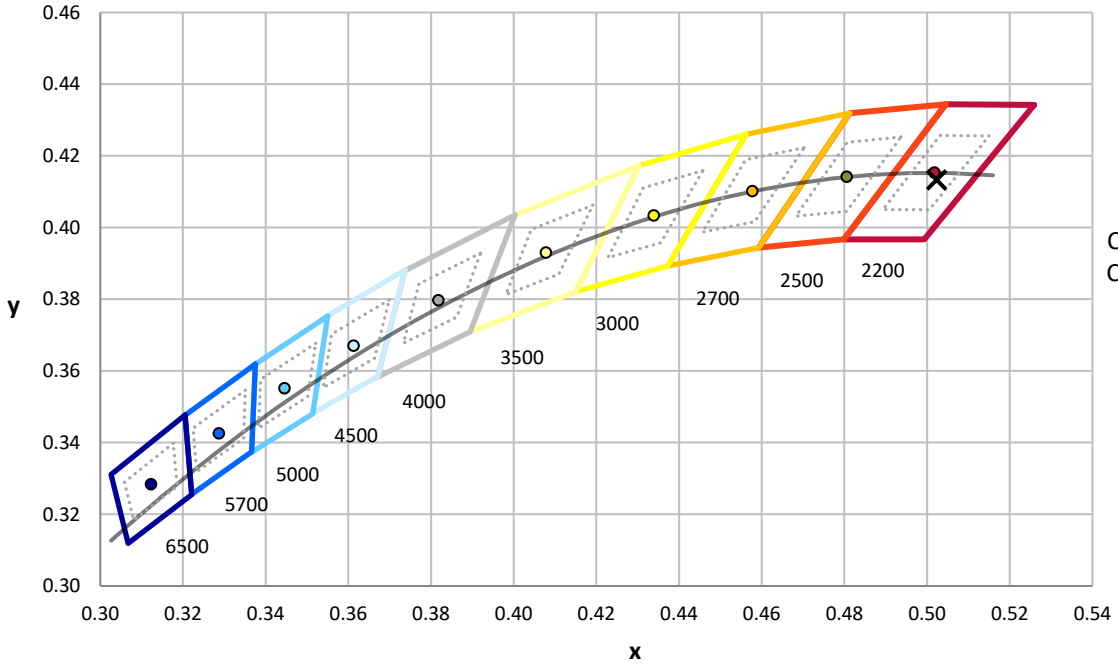
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-2

CIE 1931 Chromaticity Diagram



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

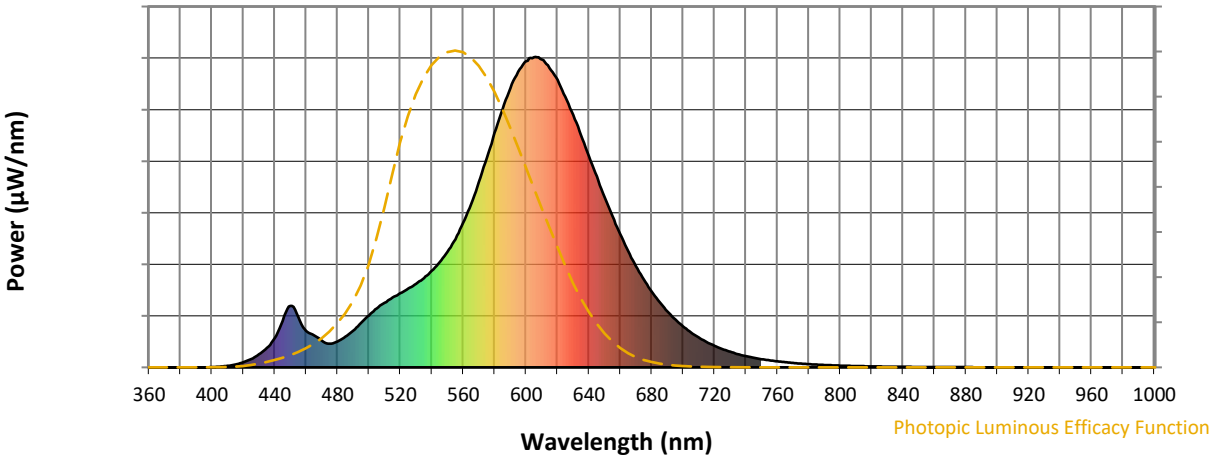


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

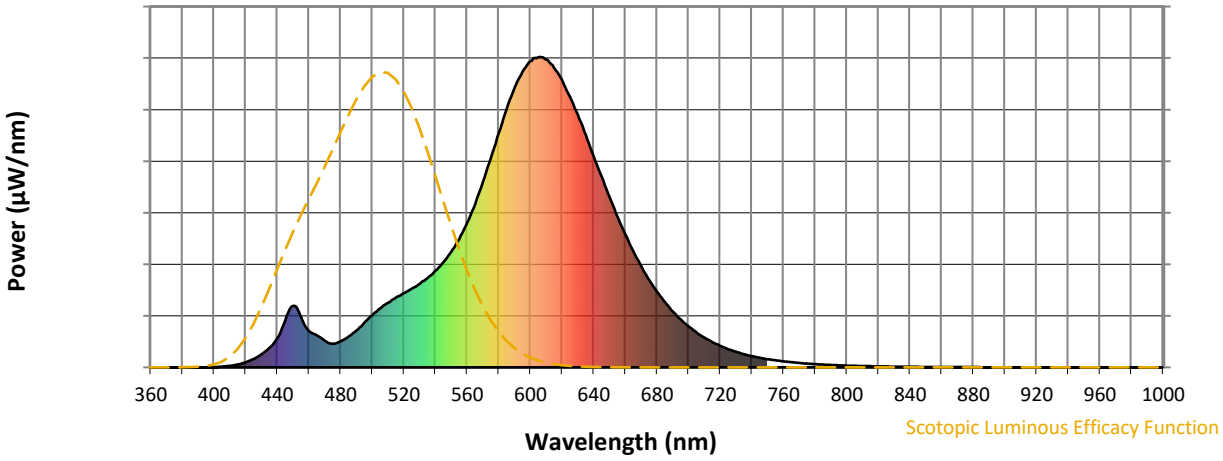


Photopic Lumens: NR

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	118	NR	620	926	NR	750	26	NR	880	1	NR
365	0	NR	495	143	NR	625	872	NR	755	23	NR	885	1	NR
370	0	NR	500	167	NR	630	813	NR	760	19	NR	890	0	NR
375	0	NR	505	190	NR	635	748	NR	765	17	NR	895	0	NR
380	0	NR	510	208	NR	640	681	NR	770	14	NR	900	0	NR
385	0	NR	515	224	NR	645	616	NR	775	12	NR	905	0	NR
390	0	NR	520	239	NR	650	548	NR	780	10	NR	910	0	NR
395	0	NR	525	254	NR	655	486	NR	785	9	NR	915	0	NR
400	1	NR	530	269	NR	660	429	NR	790	8	NR	920	0	NR
405	2	NR	535	288	NR	665	375	NR	795	7	NR	925	0	NR
410	5	NR	540	311	NR	670	326	NR	800	6	NR	930	0	NR
415	10	NR	545	339	NR	675	282	NR	805	5	NR	935	0	NR
420	16	NR	550	372	NR	680	245	NR	810	4	NR	940	0	NR
425	27	NR	555	413	NR	685	210	NR	815	4	NR	945	0	NR
430	42	NR	560	466	NR	690	180	NR	820	3	NR	950	0	NR
435	63	NR	565	526	NR	695	154	NR	825	3	NR	955	0	NR
440	94	NR	570	597	NR	700	132	NR	830	2	NR	960	0	NR
445	150	NR	575	674	NR	705	113	NR	835	2	NR	965	0	NR
450	198	NR	580	756	NR	710	96	NR	840	2	NR	970	0	NR
455	162	NR	585	831	NR	715	82	NR	845	2	NR	975	0	NR
460	117	NR	590	900	NR	720	69	NR	850	1	NR	980	0	NR
465	103	NR	595	952	NR	725	59	NR	855	1	NR	985	0	NR
470	85	NR	600	987	NR	730	50	NR	860	1	NR	990	0	NR
475	76	NR	605	999	NR	735	43	NR	865	1	NR	995	0	NR
480	84	NR	610	991	NR	740	36	NR	870	1	NR	1000	0	NR
485	98	NR	615	964	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

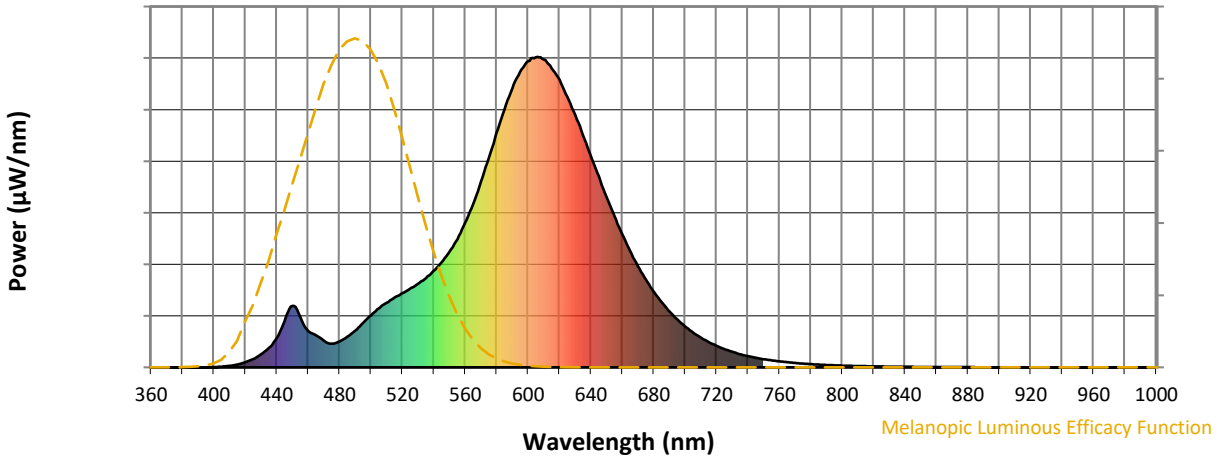


Scotopic Lumens: NR **S/P: 0.94**

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	118	NR	620	926	NR	750	26	NR	880	1	NR
365	0	NR	495	143	NR	625	872	NR	755	23	NR	885	1	NR
370	0	NR	500	167	NR	630	813	NR	760	19	NR	890	0	NR
375	0	NR	505	190	NR	635	748	NR	765	17	NR	895	0	NR
380	0	NR	510	208	NR	640	681	NR	770	14	NR	900	0	NR
385	0	NR	515	224	NR	645	616	NR	775	12	NR	905	0	NR
390	0	NR	520	239	NR	650	548	NR	780	10	NR	910	0	NR
395	0	NR	525	254	NR	655	486	NR	785	9	NR	915	0	NR
400	1	NR	530	269	NR	660	429	NR	790	8	NR	920	0	NR
405	2	NR	535	288	NR	665	375	NR	795	7	NR	925	0	NR
410	5	NR	540	311	NR	670	326	NR	800	6	NR	930	0	NR
415	10	NR	545	339	NR	675	282	NR	805	5	NR	935	0	NR
420	16	NR	550	372	NR	680	245	NR	810	4	NR	940	0	NR
425	27	NR	555	413	NR	685	210	NR	815	4	NR	945	0	NR
430	42	NR	560	466	NR	690	180	NR	820	3	NR	950	0	NR
435	63	NR	565	526	NR	695	154	NR	825	3	NR	955	0	NR
440	94	NR	570	597	NR	700	132	NR	830	2	NR	960	0	NR
445	150	NR	575	674	NR	705	113	NR	835	2	NR	965	0	NR
450	198	NR	580	756	NR	710	96	NR	840	2	NR	970	0	NR
455	162	NR	585	831	NR	715	82	NR	845	2	NR	975	0	NR
460	117	NR	590	900	NR	720	69	NR	850	1	NR	980	0	NR
465	103	NR	595	952	NR	725	59	NR	855	1	NR	985	0	NR
470	85	NR	600	987	NR	730	50	NR	860	1	NR	990	0	NR
475	76	NR	605	999	NR	735	43	NR	865	1	NR	995	0	NR
480	84	NR	610	991	NR	740	36	NR	870	1	NR	1000	0	NR
485	98	NR	615	964	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.65**

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	118	NR	620	926	NR	750	26	NR	880	1	NR
365	0	NR	495	143	NR	625	872	NR	755	23	NR	885	1	NR
370	0	NR	500	167	NR	630	813	NR	760	19	NR	890	0	NR
375	0	NR	505	190	NR	635	748	NR	765	17	NR	895	0	NR
380	0	NR	510	208	NR	640	681	NR	770	14	NR	900	0	NR
385	0	NR	515	224	NR	645	616	NR	775	12	NR	905	0	NR
390	0	NR	520	239	NR	650	548	NR	780	10	NR	910	0	NR
395	0	NR	525	254	NR	655	486	NR	785	9	NR	915	0	NR
400	1	NR	530	269	NR	660	429	NR	790	8	NR	920	0	NR
405	2	NR	535	288	NR	665	375	NR	795	7	NR	925	0	NR
410	5	NR	540	311	NR	670	326	NR	800	6	NR	930	0	NR
415	10	NR	545	339	NR	675	282	NR	805	5	NR	935	0	NR
420	16	NR	550	372	NR	680	245	NR	810	4	NR	940	0	NR
425	27	NR	555	413	NR	685	210	NR	815	4	NR	945	0	NR
430	42	NR	560	466	NR	690	180	NR	820	3	NR	950	0	NR
435	63	NR	565	526	NR	695	154	NR	825	3	NR	955	0	NR
440	94	NR	570	597	NR	700	132	NR	830	2	NR	960	0	NR
445	150	NR	575	674	NR	705	113	NR	835	2	NR	965	0	NR
450	198	NR	580	756	NR	710	96	NR	840	2	NR	970	0	NR
455	162	NR	585	831	NR	715	82	NR	845	2	NR	975	0	NR
460	117	NR	590	900	NR	720	69	NR	850	1	NR	980	0	NR
465	103	NR	595	952	NR	725	59	NR	855	1	NR	985	0	NR
470	85	NR	600	987	NR	730	50	NR	860	1	NR	990	0	NR
475	76	NR	605	999	NR	735	43	NR	865	1	NR	995	0	NR
480	84	NR	610	991	NR	740	36	NR	870	1	NR	1000	0	NR
485	98	NR	615	964	NR	745	31	NR	875	1	NR			

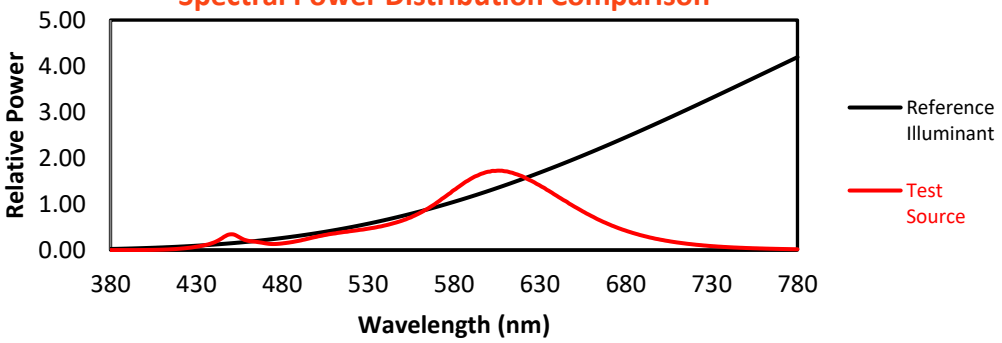
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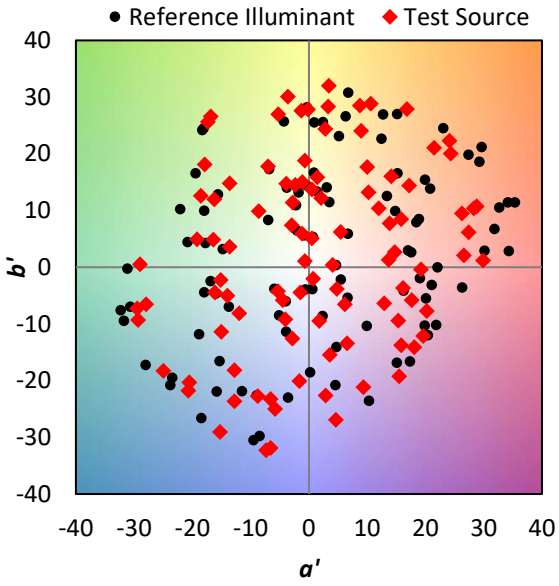
Summary

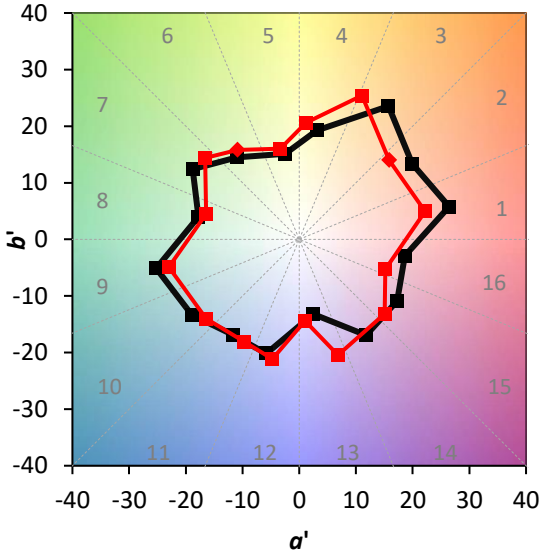
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

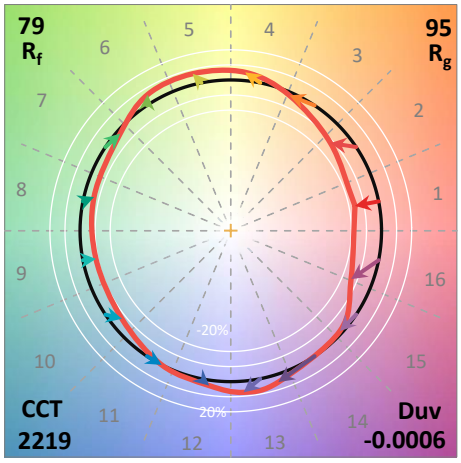
Spectral Power Distribution Comparison

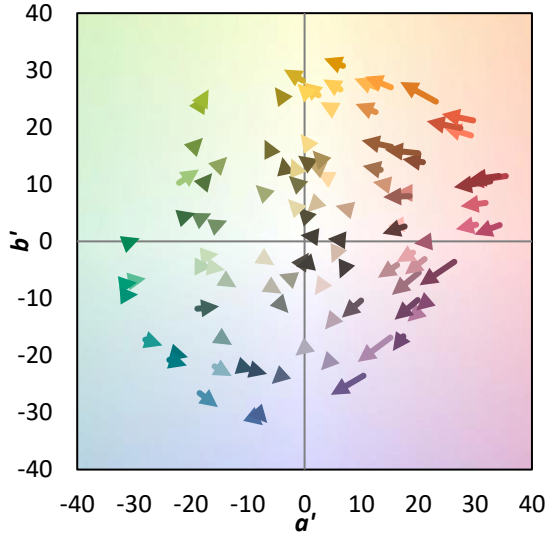


Color Vector Graphics







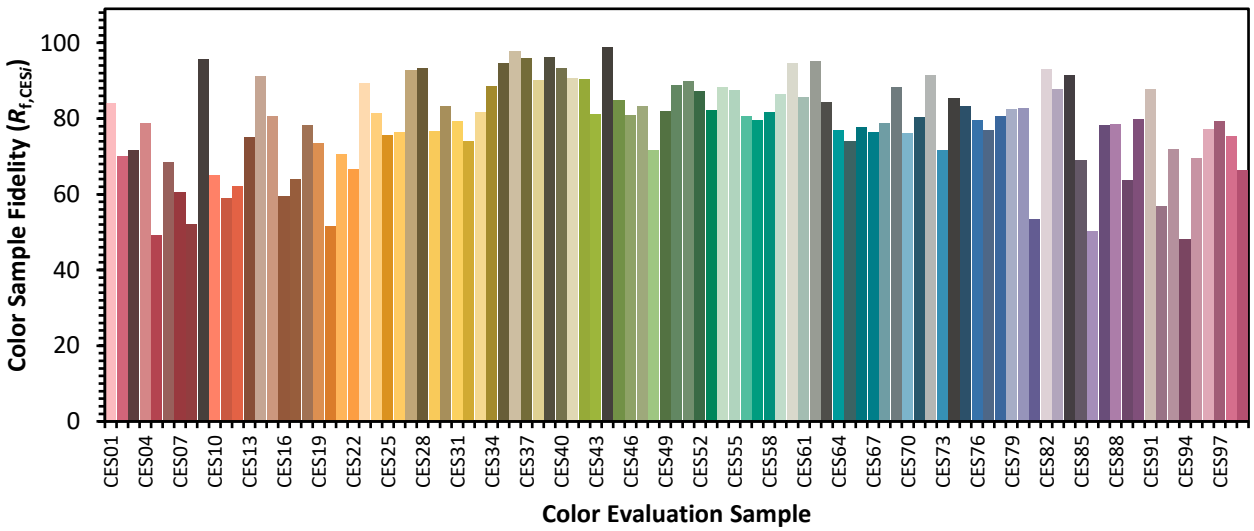


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Individual Sample Fidelity Index ($R_{f,i}$)

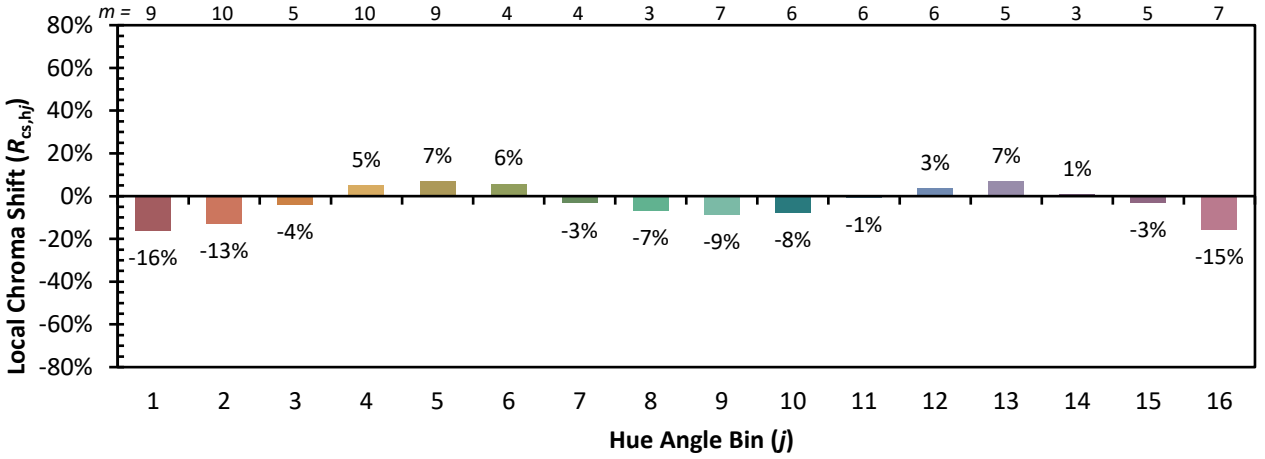
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82 = 93
CES08 = 42	CES33 = 82	CES58 = 82	CES83 = 88
CES09 = 29	CES34 = 89	CES59 = 87	CES84 = 91
CES10 = 79	CES35 = 95	CES60 = 95	CES85 = 69
CES11 = 62	CES36 = 98	CES61 = 86	CES86 = 50
CES12 = 68	CES37 = 96	CES62 = 95	CES87 = 78
CES13 = 45	CES38 = 90	CES63 = 84	CES88 = 79
CES14 = 75	CES39 = 96	CES64 = 77	CES89 = 64
CES15 = 72	CES40 = 93	CES65 = 74	CES90 = 80
CES16 = 49	CES41 = 91	CES66 = 78	CES91 = 88
CES17 = 51	CES42 = 90	CES67 = 77	CES92 = 57
CES18 = 57	CES43 = 81	CES68 = 79	CES93 = 72
CES19 = 74	CES44 = 99	CES69 = 88	CES94 = 48
CES20 = 68	CES45 = 85	CES70 = 76	CES95 = 70
CES21 = 88	CES46 = 81	CES71 = 80	CES96 = 77
CES22 = 81	CES47 = 83	CES72 = 91	CES97 = 79
CES23 = 92	CES48 = 72	CES73 = 72	CES98 = 75
CES24 = 92	CES49 = 82	CES74 = 85	CES99 = 66
CES25 = 73	CES50 = 89	CES75 = 83	

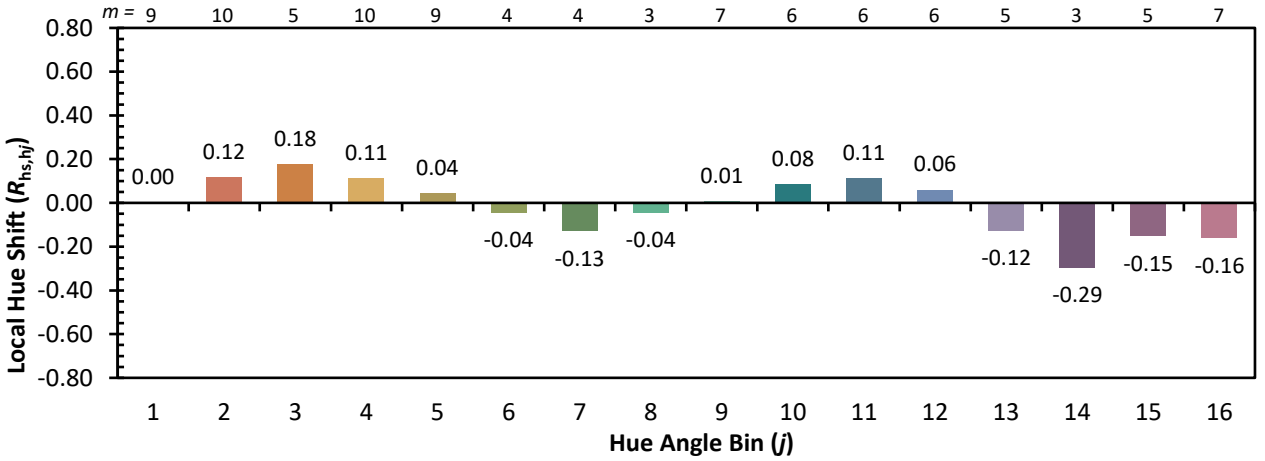


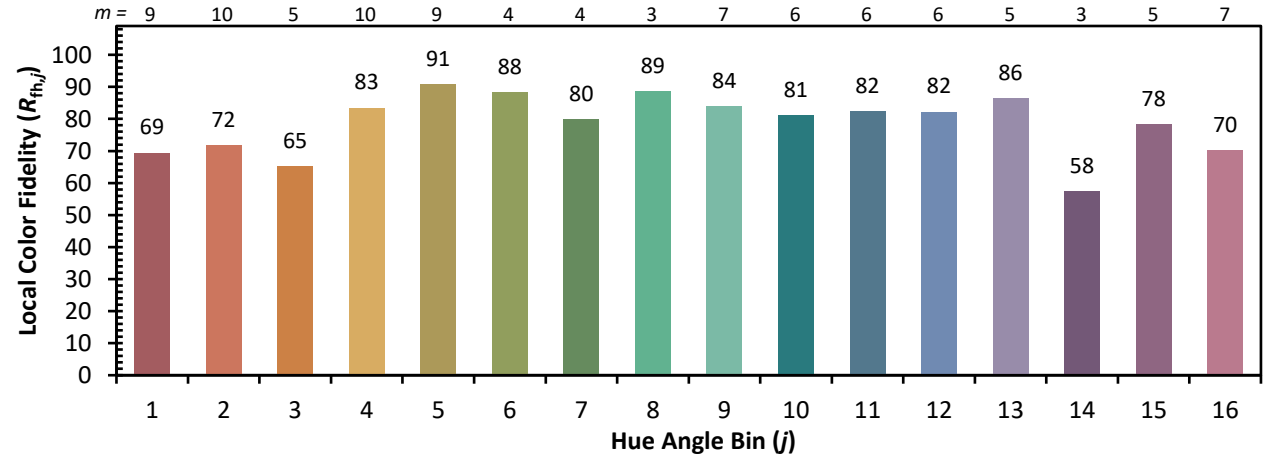
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Color Rendition by Hue-Angle Bin



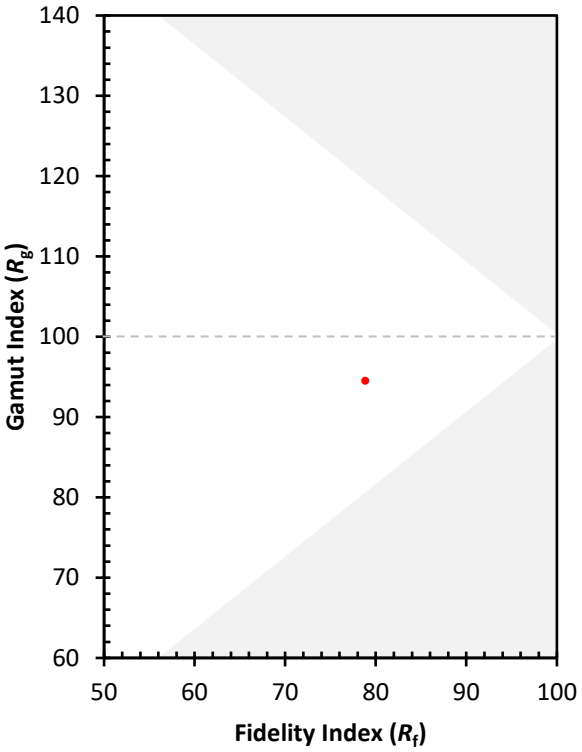


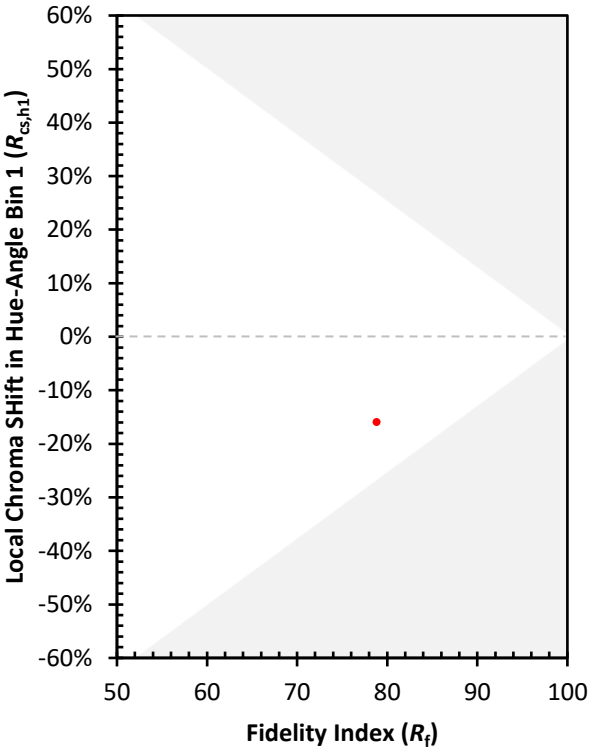


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Measure Comparisons





(END OF REPORT)