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: P981271

Luminaire Tested: **FFX-CLB-100-722-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:	P981271
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-VM9-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK
Light Source:	(6) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13174.5 lumens
Efficiency:	N/A
Efficacy:	135.8 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G5

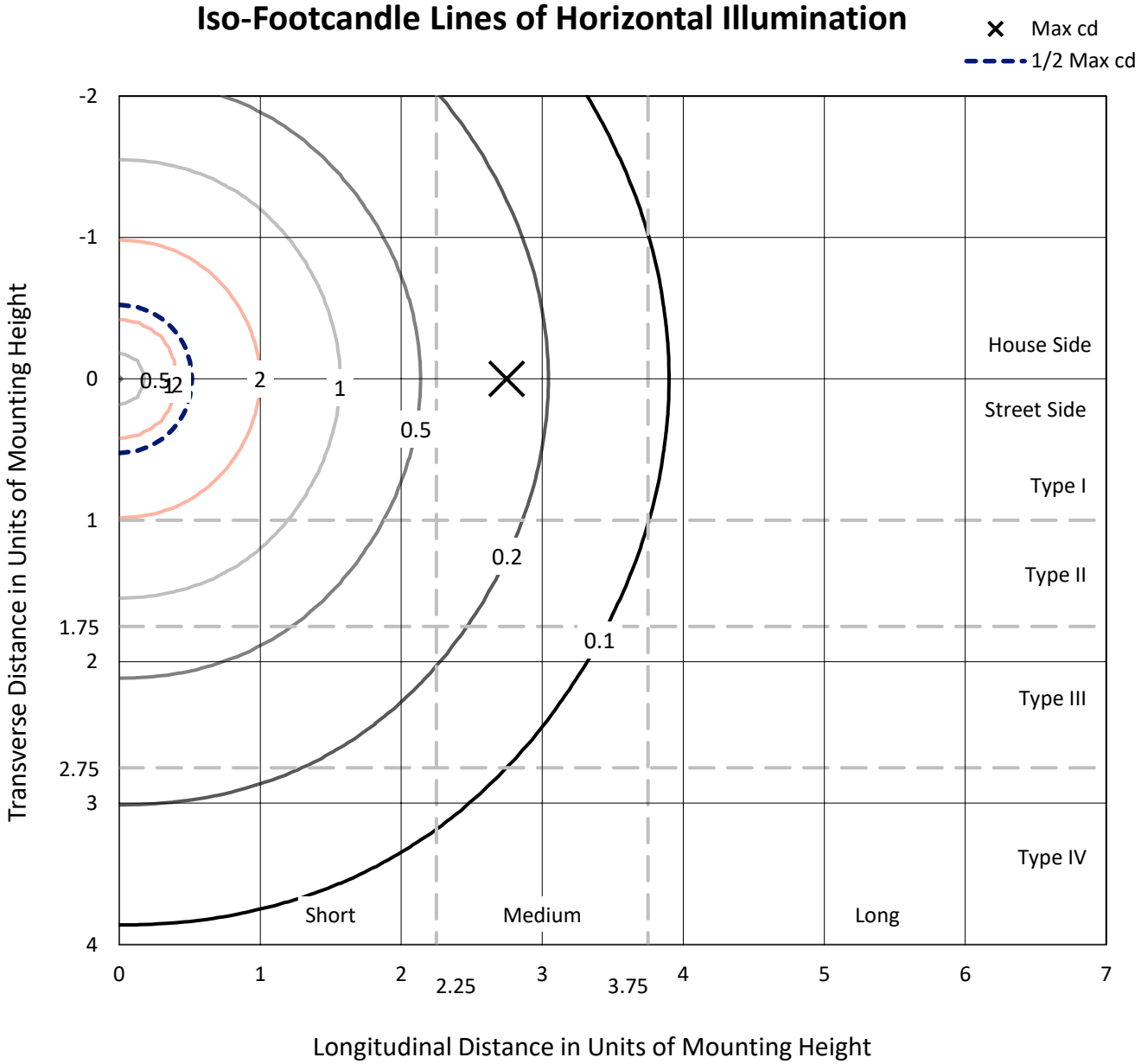
Input Watts (W):	97
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P981271
CATALOG NUMBER: FFX-CLB-100-722-U-VM9-T5

Iso-Footcandle Lines of Horizontal Illumination



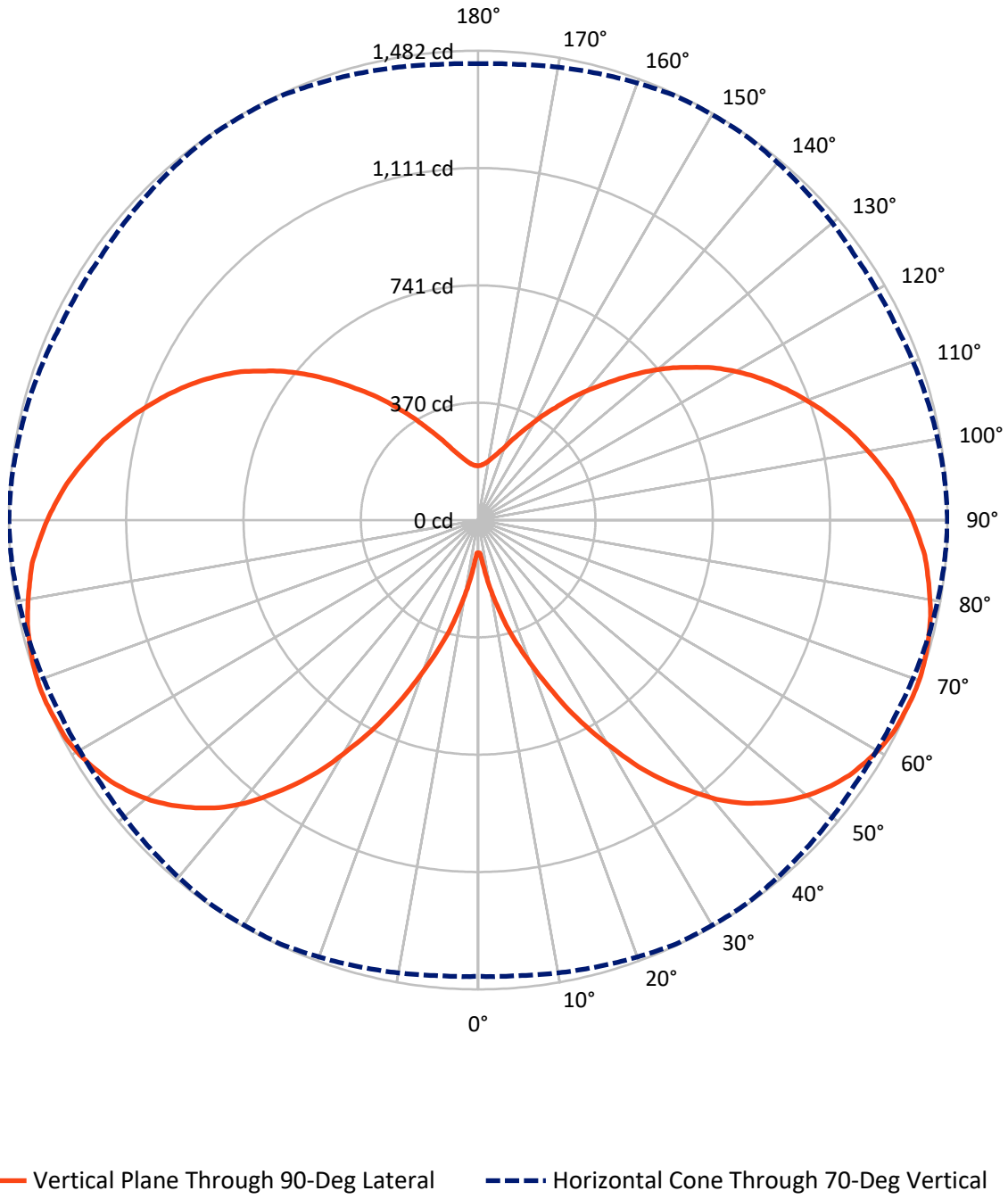
Based on 15 foot mounting height. Maximum calculated value = 2.5 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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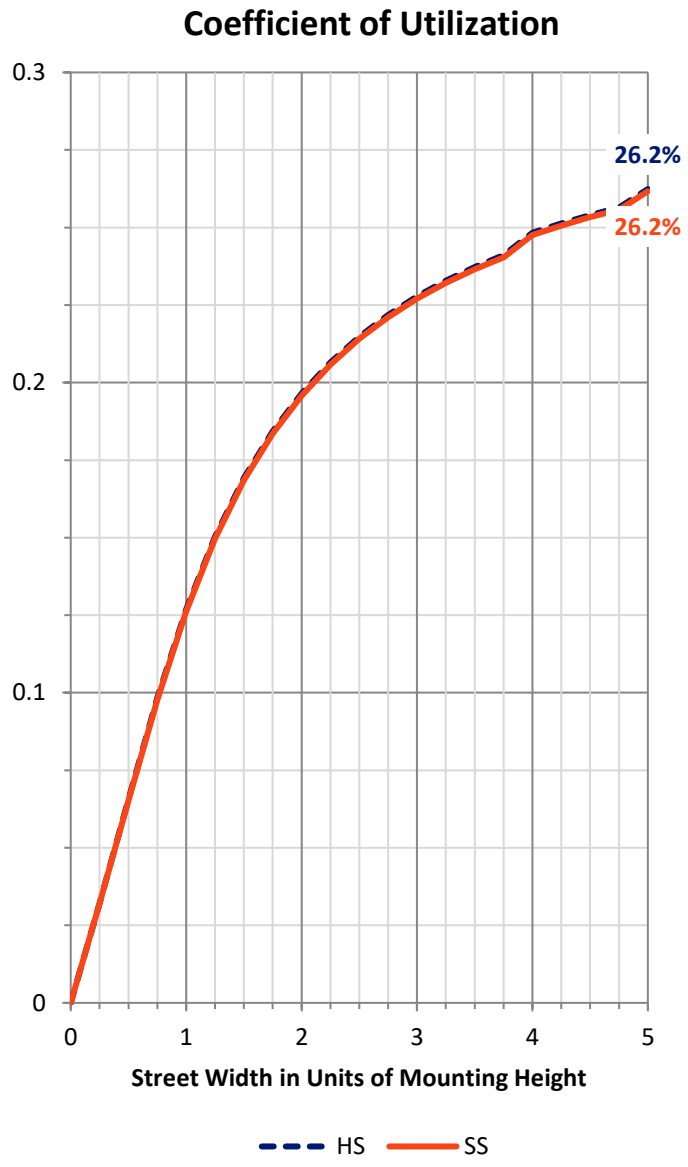
REPORT NUMBER: P981271
CATALOG NUMBER: FFX-CLB-100-722-U-VM9-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3900.0	2687.2	6587.3
	% Fixture	29.6	20.4	50.0
Street Side	Lumens	3900.0	2687.2	6587.3
	% Fixture	29.6	20.4	50.0
Total	Lumens	7800.1	5374.5	13174.5
	% Fixture	59.2	40.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.6	0.1
10°-20°	105.2	0.8
20°-30°	309.1	2.3
30°-40°	628.7	4.8
40°-50°	975.6	7.4
50°-60°	1259.9	9.6
60°-70°	1448.6	11.0
70°-80°	1535.1	11.7
80°-90°	1522.3	11.6
90°-100°	1415.2	10.7
100°-110°	1233.7	9.4
110°-120°	1007.5	7.6
120°-130°	747.0	5.7
130°-140°	483.5	3.7
140°-150°	273.5	2.1
150°-160°	136.4	1.0
160°-170°	60.5	0.5
170°-180°	17.1	0.1
0°-90°	7800.1	59.2
0°-180°	13174.5	100.0



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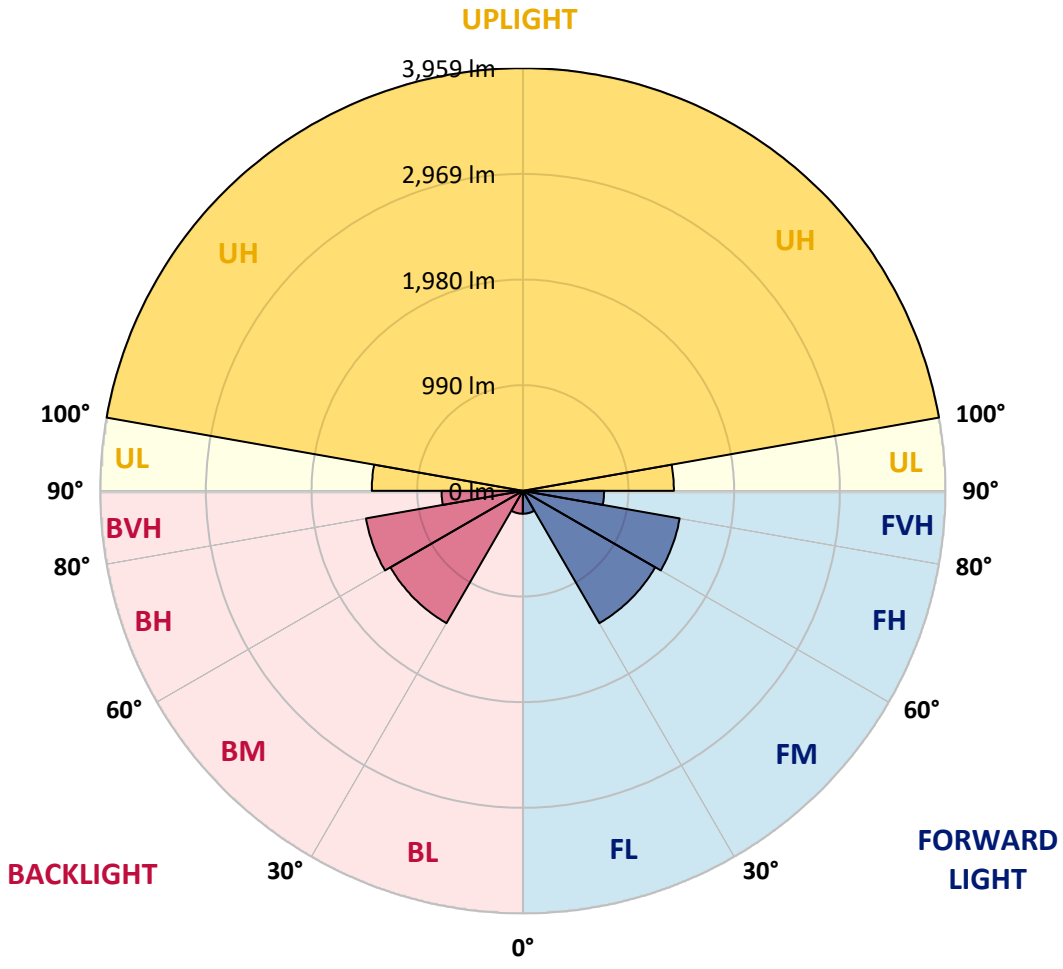
Scaled Data Report

REPORT NUMBER: P981271
CATALOG NUMBER: FFX-CLB-100-722-U-VM9-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	215.0	1.6			
FM	(30°-60°)	1432.1	10.9			
FH	(60°-80°)	1491.8	11.3			G1/1800
FVH	(80°-90°)	761.2	5.8			G5
BL	(0°-30°)	215.0	1.6	B1/500		
BM	(30°-60°)	1432.1	10.9	B2/2500		
BH	(60°-80°)	1491.8	11.3	B3/2500		G1/1800
BVH	(80°-90°)	761.2	5.8			G5
UL	(90°-100°)	1415.2	10.7		U5	
UH	(100°-180°)	3959.3	30.1		U5	

BUG Rating: B3-U5-G5
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	104.8	104.8	104.8	104.8	104.8	104.8	104.8	104.8	104.8	104.8	*104.8*
2.5°	104.8	104.8	104.8	104.8	104.0	104.0	104.0	104.0	104.0	104.0	*104.0*
5°	129.3	128.5	128.5	129.3	129.3	129.3	128.5	129.3	127.7	126.9	*128.5*
7.5°	173.5	173.5	173.5	173.5	171.9	171.9	174.4	172.7	173.5	172.7	*174.4*
10°	226.8	226.8	225.9	227.6	228.4	227.6	226.8	229.2	227.6	227.6	*229.2*
12.5°	287.3	288.1	288.1	289.0	290.6	288.1	290.6	290.6	290.6	289.0	*288.1*
15°	356.9	356.1	357.7	356.9	353.6	356.9	357.7	356.1	356.9	357.7	*358.5*
17.5°	421.6	420.8	421.6	420.8	424.0	424.9	424.0	424.0	424.0	424.9	*423.2*
20°	492.8	493.6	491.2	493.6	493.6	495.3	498.5	497.7	498.5	496.1	*493.6*
22.5°	570.6	571.4	568.9	568.1	573.0	572.2	572.2	574.7	576.3	576.3	*574.7*
25°	654.1	652.4	652.4	654.9	654.9	654.1	658.2	659.8	659.0	661.4	*663.1*
27.5°	737.6	735.9	735.9	739.2	739.2	739.2	739.2	746.6	747.4	749.0	*749.8*
30°	818.6	824.3	824.3	822.7	825.1	829.2	831.7	831.7	834.2	834.2	*835.0*
32.5°	907.0	907.0	908.6	911.1	911.1	918.5	914.4	920.9	919.3	924.2	*927.5*
35°	990.5	992.1	992.1	997.1	997.1	998.7	999.5	1003.6	1009.3	1008.5	*1009.3*
37.5°	1068.3	1067.5	1065.8	1073.2	1074.8	1074.0	1074.8	1081.4	1083.0	1085.5	*1083.8*
40°	1139.5	1137.0	1141.1	1145.2	1145.2	1146.9	1148.5	1151.8	1155.0	1156.7	*1159.1*
42.5°	1199.2	1198.4	1202.5	1205.8	1206.6	1207.4	1207.4	1209.9	1218.1	1220.5	*1222.2*
45°	1251.6	1250.8	1255.7	1259.8	1262.3	1262.3	1259.8	1263.1	1270.5	1272.9	*1273.7*
47.5°	1296.7	1297.5	1304.0	1308.9	1310.6	1308.1	1306.5	1309.8	1315.5	1322.0	*1321.2*
50°	1334.3	1335.1	1342.5	1350.7	1351.5	1349.1	1345.0	1347.4	1355.6	1360.5	*1361.3*
52.5°	1366.2	1367.1	1376.1	1384.3	1385.1	1381.0	1376.1	1380.2	1387.5	1393.3	*1394.9*
55°	1391.6	1394.1	1403.1	1412.1	1414.5	1408.8	1402.3	1404.7	1412.9	1421.9	*1422.7*
57.5°	1410.4	1411.3	1422.7	1432.5	1435.8	1427.6	1422.7	1422.7	1432.5	1440.7	*1442.4*
60°	1423.5	1426.8	1439.9	1451.4	1453.0	1445.6	1436.6	1438.3	1448.9	1457.9	*1460.4*
62.5°	1435.0	1438.3	1450.6	1464.5	1466.1	1456.3	1447.3	1448.1	1460.4	1469.4	*1472.7*
65°	1440.7	1443.2	1457.9	1471.8	1473.5	1463.7	1453.0	1453.8	1465.3	1475.9	*1476.8*
67.5°	1442.4	1444.8	1460.4	1476.8	1477.6	1466.9	1454.6	1457.1	1468.6	1479.2	*1480.8*
70°	*1440.7*	*1444.0*	*1459.6*	*1476.8*	*1478.4*	*1465.3*	*1453.0*	*1454.6*	*1467.7*	*1478.4*	*1481.7*
72.5°	1435.0	1439.1	1454.6	1472.7	1473.5	1461.2	1448.9	1448.9	1463.7	1475.1	*1476.8*
75°	1427.6	1431.7	1448.9	1466.9	1467.7	1454.6	1441.6	1443.2	1457.1	1467.7	*1469.4*
77.5°	1419.5	1421.9	1439.1	1457.9	1459.6	1445.6	1432.5	1434.2	1447.3	1458.7	*1460.4*
80°	1406.4	1408.8	1426.8	1444.8	1446.5	1432.5	1418.6	1421.9	1435.0	1445.6	*1445.6*
82.5°	1390.8	1392.4	1410.4	1430.1	1430.9	1417.0	1404.7	1406.4	1419.5	1430.1	*1430.1*
85°	1372.8	1375.2	1393.3	1412.1	1412.1	1399.0	1385.9	1389.2	1401.4	1411.3	*1414.5*
87.5°	1353.1	1354.0	1372.0	1389.2	1390.0	1376.9	1365.4	1367.9	1380.2	1389.2	*1390.0*
90°	1330.2	1331.9	1349.1	1365.4	1366.2	1353.1	1342.5	1345.8	1355.6	1363.8	*1366.2*
92.5°	1304.8	1307.3	1323.7	1339.2	1338.4	1326.9	1317.9	1322.0	1330.2	1338.4	*1338.4*
95°	1278.7	1281.9	1295.0	1309.8	1308.1	1298.3	1290.9	1294.2	1302.4	1308.9	*1310.6*
97.5°	1250.8	1251.6	1265.6	1276.2	1276.2	1267.2	1261.5	1263.9	1272.1	1276.2	*1277.8*
100°	1220.5	1221.3	1232.0	1242.6	1242.6	1234.4	1230.4	1232.8	1239.4	1242.6	*1243.5*
102.5°	1190.2	1189.4	1198.4	1207.4	1207.4	1200.9	1197.6	1202.5	1205.8	1208.3	*1209.9*
105°	1155.9	1155.0	1163.2	1171.4	1169.8	1165.7	1162.4	1166.5	1170.6	1172.2	*1172.2*
107.5°	1118.2	1121.5	1126.4	1132.9	1132.1	1128.8	1128.8	1131.3	1133.8	1134.6	*1135.4*
110°	1086.3	1085.5	1090.4	1093.6	1094.5	1092.8	1094.5	1095.3	1096.1	1096.1	*1096.1*

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Scaled Data Report

REPORT NUMBER: P981271
CATALOG NUMBER: FFX-CLB-100-722-U-VM9-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1049.4	1049.4	1051.1	1053.5	1054.4	1055.2	1056.0	1059.3	1057.6	1058.4	*1056.8*
115°	1009.3	1010.2	1011.8	1012.6	1014.2	1015.1	1019.2	1019.2	1020.0	1018.3	*1015.9*
117.5°	969.2	970.9	970.0	969.2	972.5	975.0	977.4	979.0	979.0	975.8	*974.1*
120°	925.8	924.2	924.2	924.2	926.7	930.7	934.0	934.8	934.0	929.9	*929.1*
122.5°	878.4	880.0	877.5	878.4	879.2	884.9	887.4	889.0	886.5	881.6	*883.3*
125°	829.2	830.9	826.8	826.8	830.9	833.3	835.8	838.2	834.2	831.7	*830.1*
127.5°	776.9	776.9	776.0	773.6	778.5	780.9	785.9	785.9	782.6	779.3	*780.9*
130°	723.6	722.8	724.5	722.8	723.6	728.6	732.6	731.0	729.4	727.7	*727.7*
132.5°	668.8	670.4	668.8	668.0	672.1	673.7	677.8	679.4	676.2	672.1	*673.7*
135°	617.2	616.4	615.6	615.6	618.0	622.1	624.6	623.8	623.8	622.1	*620.5*
137.5°	564.0	566.5	564.8	564.8	566.5	570.6	574.7	573.8	573.0	569.7	*568.1*
140°	516.5	514.9	515.7	515.7	519.8	519.8	523.9	523.9	523.1	520.6	*522.3*
142.5°	469.1	468.2	471.5	469.9	471.5	475.6	477.2	476.4	474.8	475.6	*476.4*
145°	425.7	426.5	425.7	426.5	428.9	431.4	434.7	433.0	433.0	430.6	*429.8*
147.5°	384.7	384.7	383.9	387.2	388.0	391.3	392.1	392.9	391.3	389.7	*392.1*
150°	348.7	347.9	347.9	348.7	350.4	352.8	354.5	354.5	355.3	353.6	*352.8*
152.5°	315.2	313.5	314.3	316.0	316.8	319.3	319.3	320.9	320.1	319.3	*319.3*
155°	284.9	285.7	285.7	286.5	288.1	289.0	290.6	289.8	290.6	289.8	*289.8*
157.5°	260.3	262.0	262.0	262.8	262.0	262.8	263.6	264.4	264.4	264.4	*264.4*
160°	240.7	239.8	239.8	239.8	239.8	240.7	242.3	241.5	242.3	241.5	*240.7*
162.5°	222.7	222.7	222.7	222.7	223.5	223.5	223.5	224.3	223.5	223.5	*223.5*
165°	207.9	208.7	207.9	207.9	207.9	208.7	208.7	208.7	208.7	208.7	*208.7*
167.5°	196.5	197.3	197.3	197.3	197.3	197.3	198.1	197.3	197.3	197.3	*197.3*
170°	187.5	188.3	188.3	187.5	188.3	187.5	187.5	188.3	187.5	187.5	*187.5*
172.5°	180.9	180.9	180.9	180.9	180.9	180.9	180.9	180.9	180.9	180.1	*180.1*
175°	175.2	175.2	175.2	175.2	175.2	175.2	175.2	175.2	175.2	175.2	*175.2*
177.5°	171.9	171.9	172.7	171.9	171.9	171.9	171.9	171.9	171.9	171.9	*171.9*
180°	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1	*171.1*

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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: SP1-2501-332-2

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

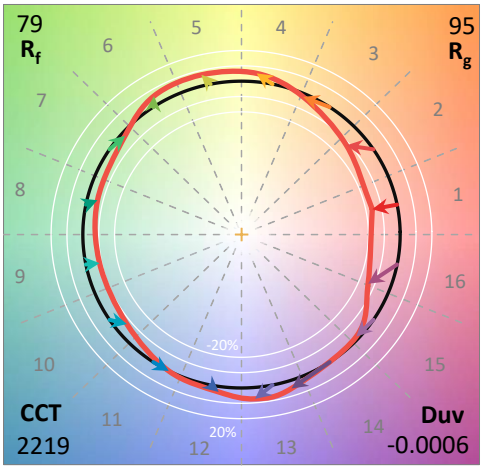
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Version: v7.04

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

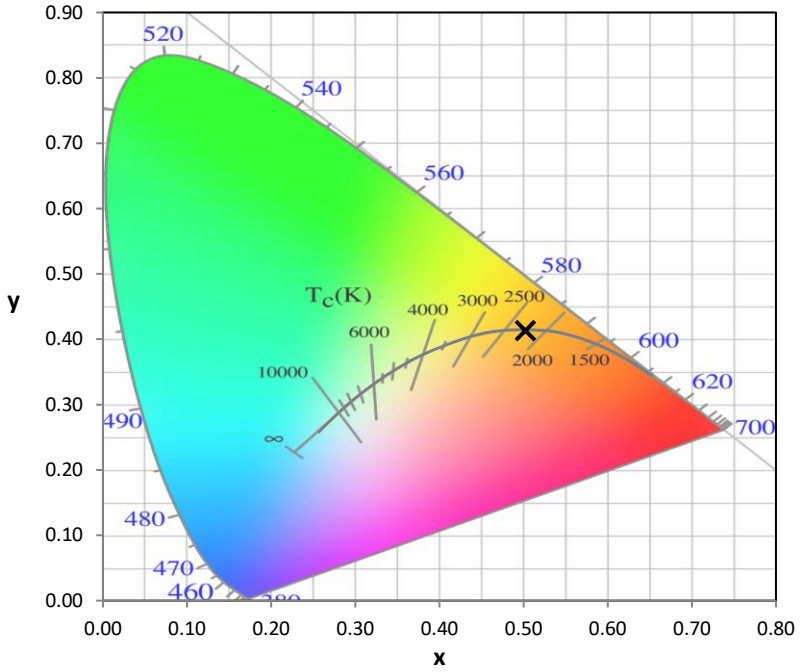
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

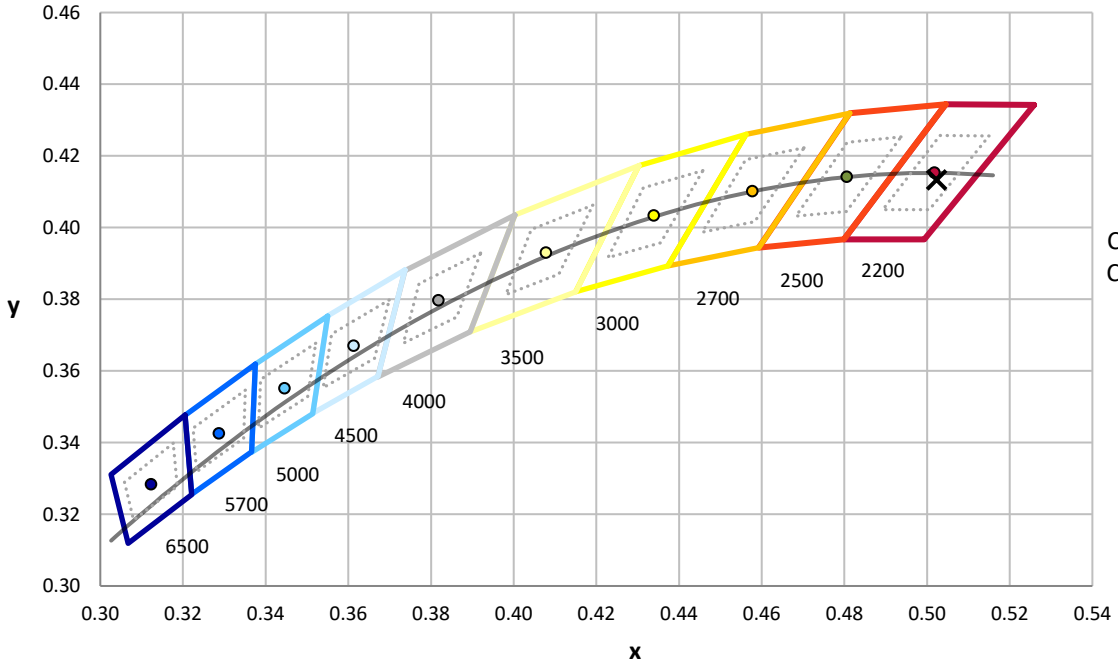
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

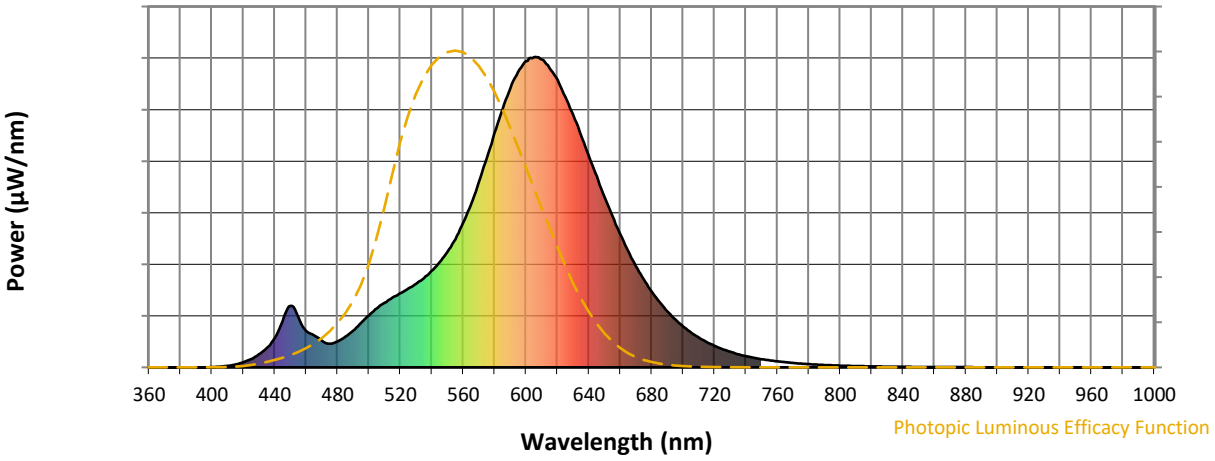


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

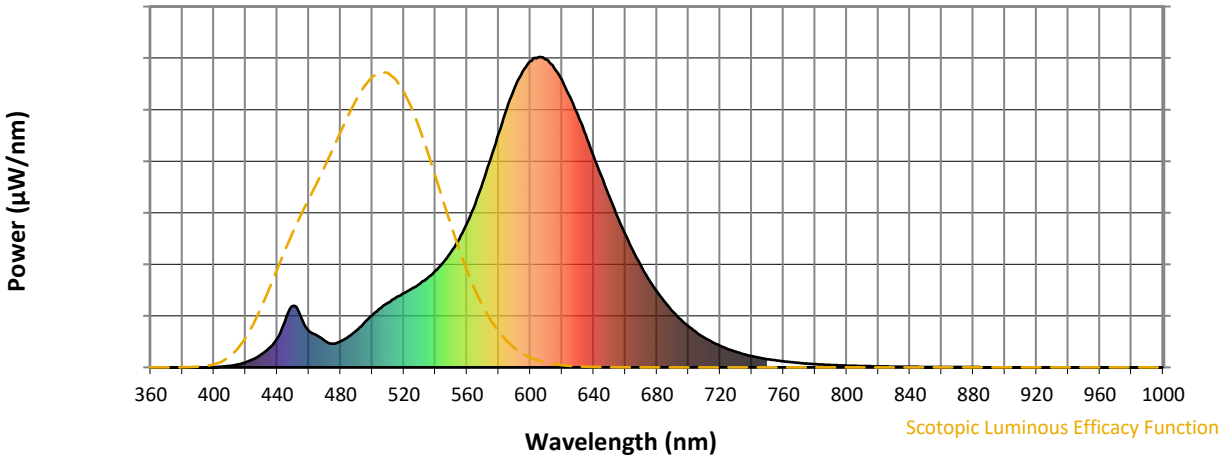


Photopic Lumens: NR

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

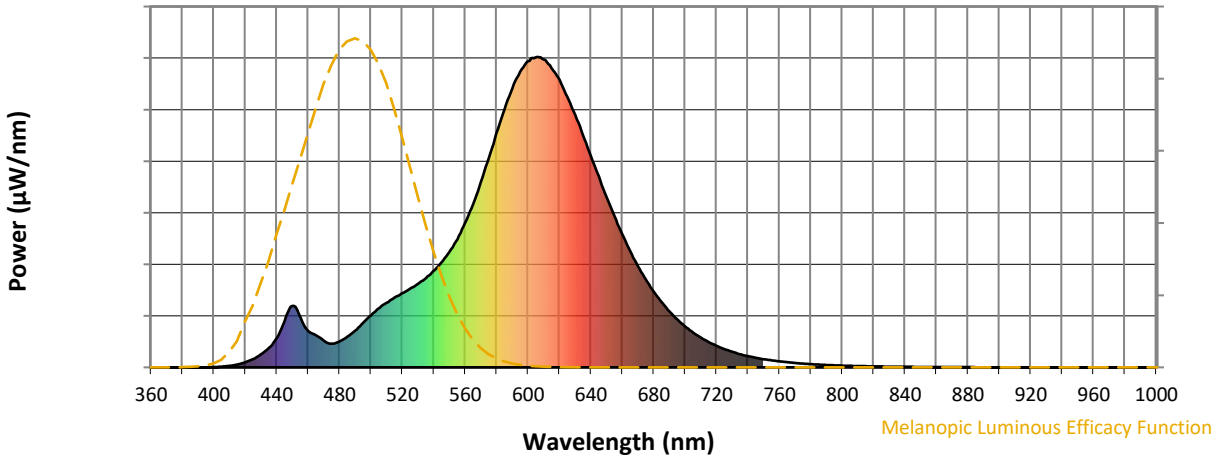


Scotopic Lumens: NR **S/P: 0.94**

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			

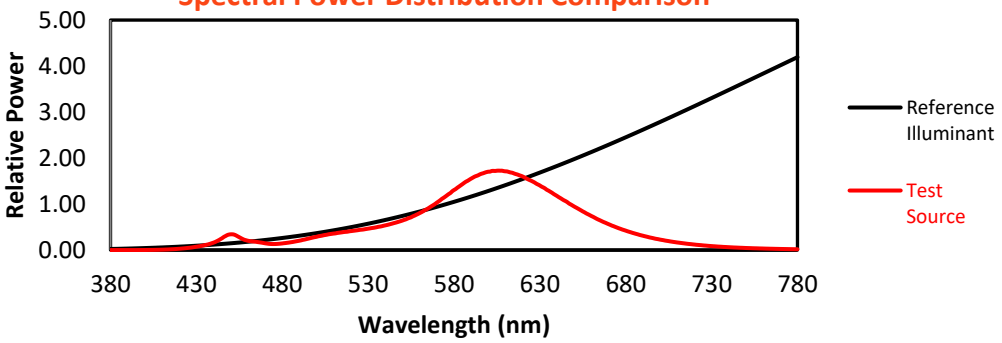
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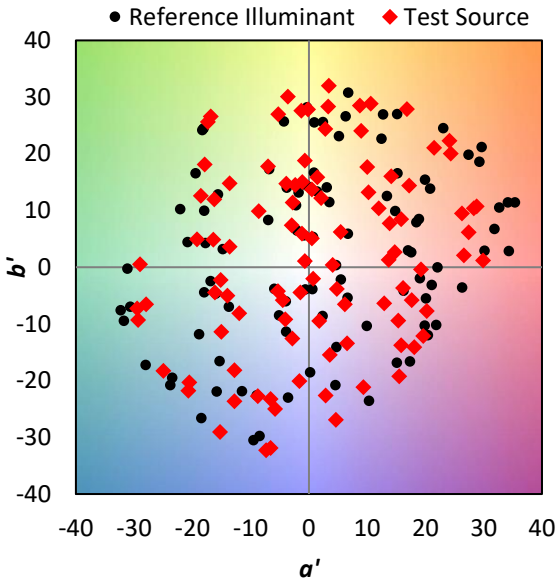
Summary

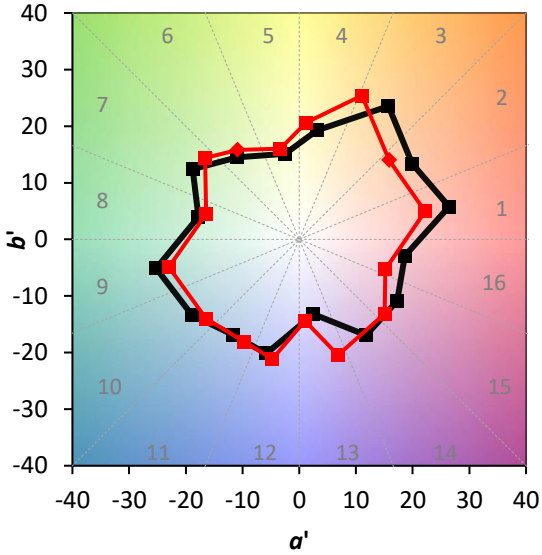
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R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

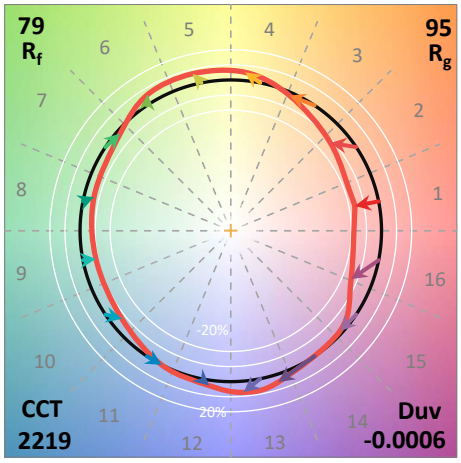
Spectral Power Distribution Comparison

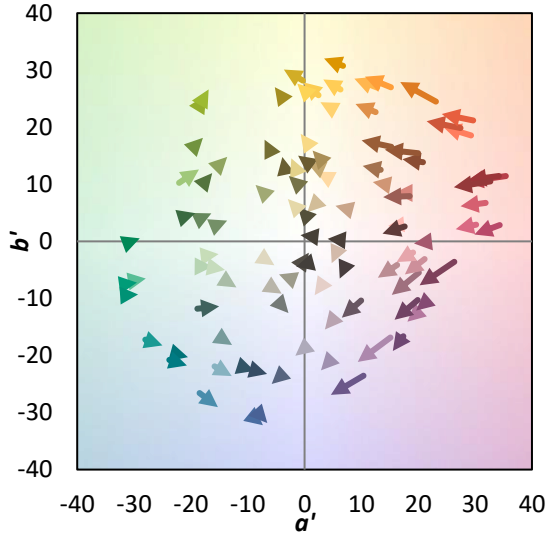


Color Vector Graphics







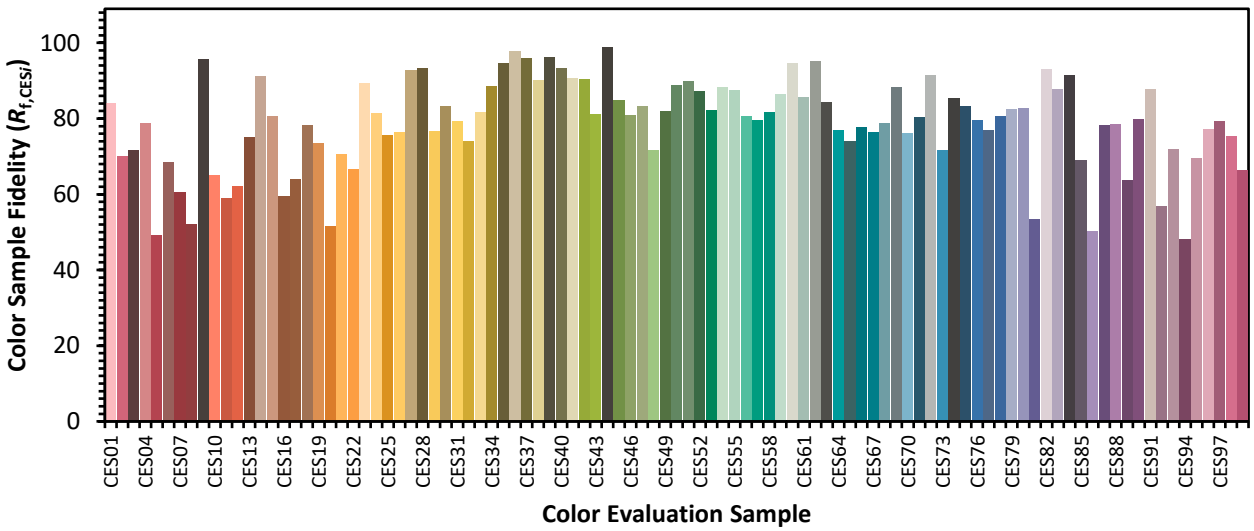


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Individual Sample Fidelity Index ($R_{f,i}$)

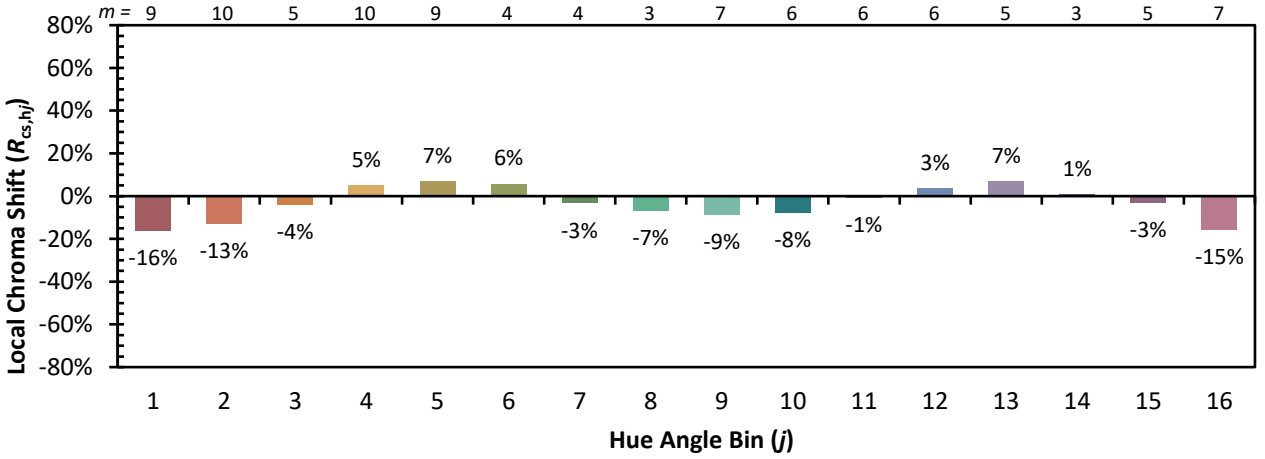
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CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 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	

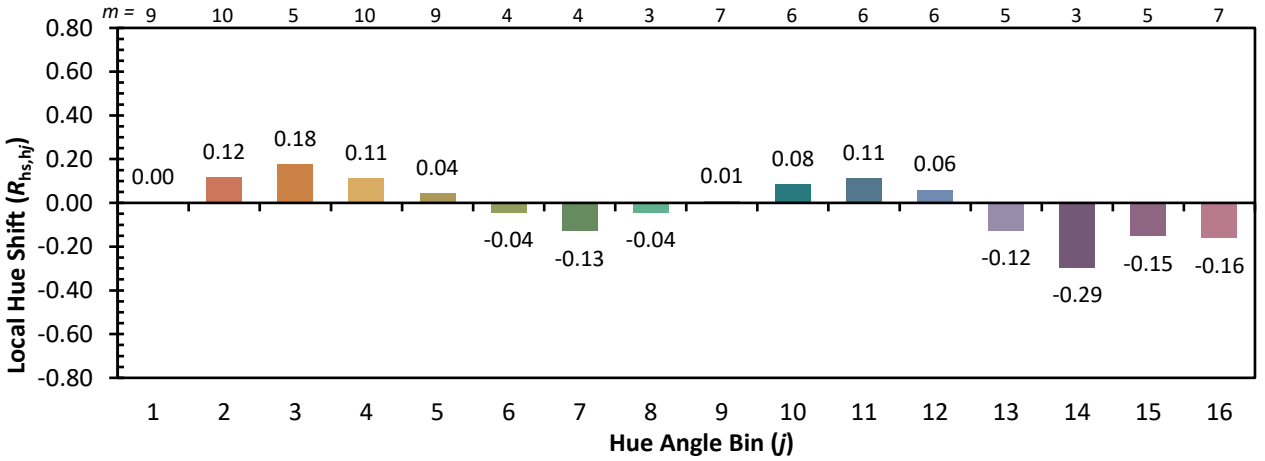


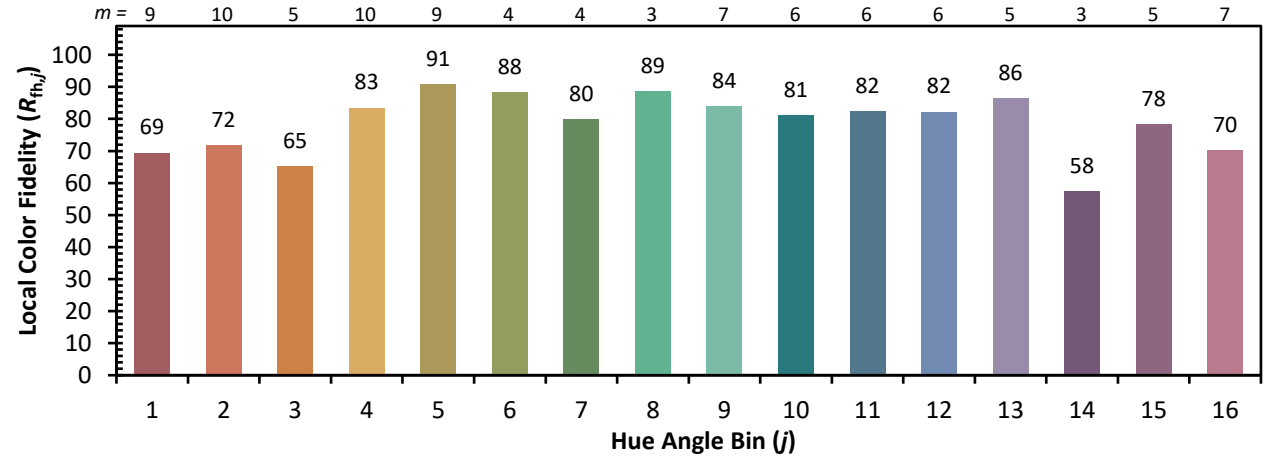
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Color Rendition by Hue-Angle Bin



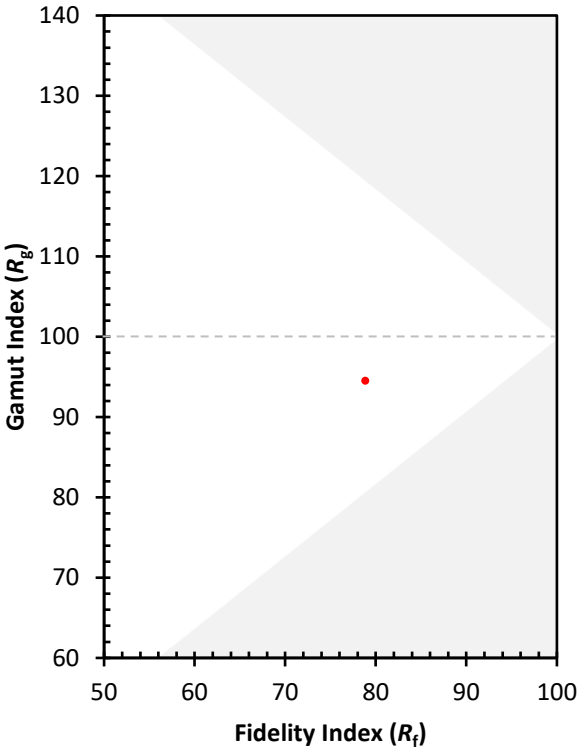


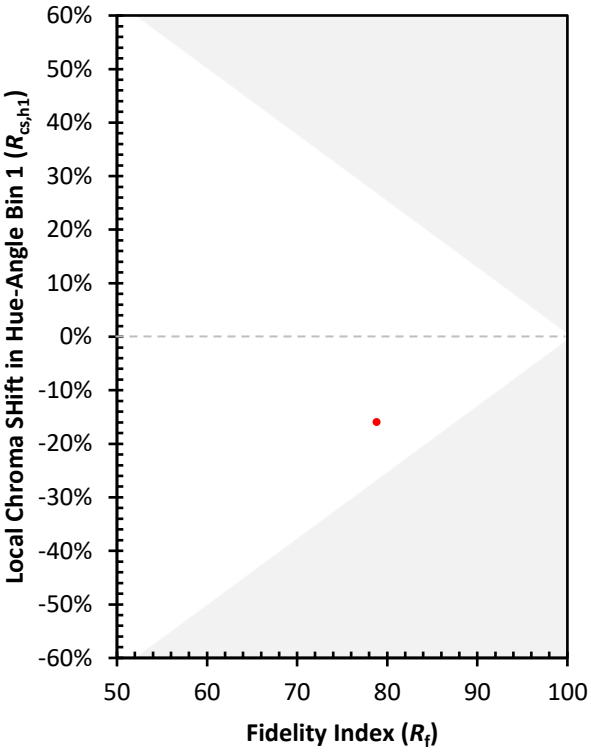


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Measure Comparisons





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