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: P981228

Luminaire Tested: **FFX-CLB-80-722-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:	P981228
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-80-722-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:	10963.4 lumens
Efficiency:	N/A
Efficacy:	134.0 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G4

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

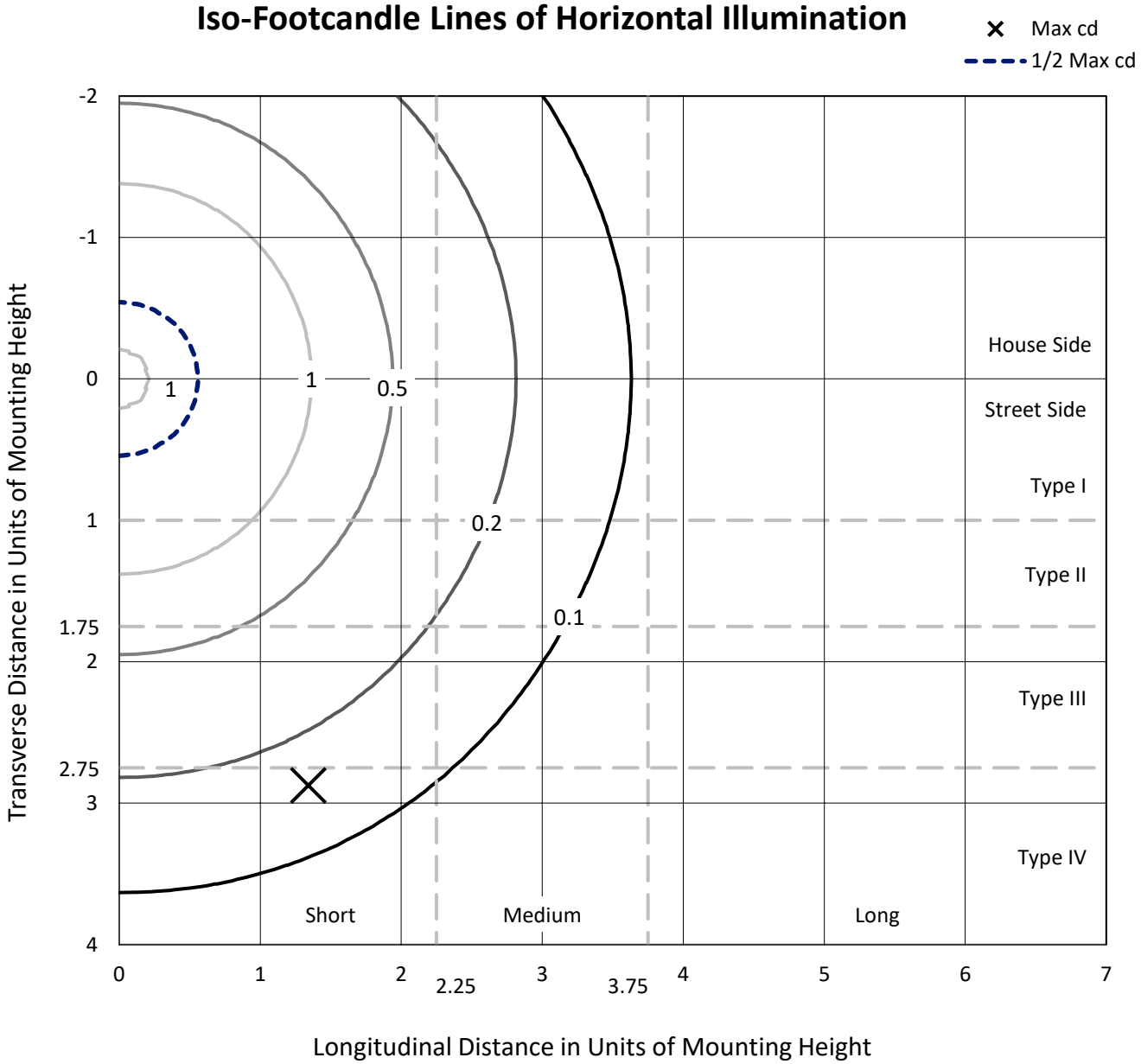


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Scaled Data Report

REPORT NUMBER: P981228
CATALOG NUMBER: FFX-CLB-80-722-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



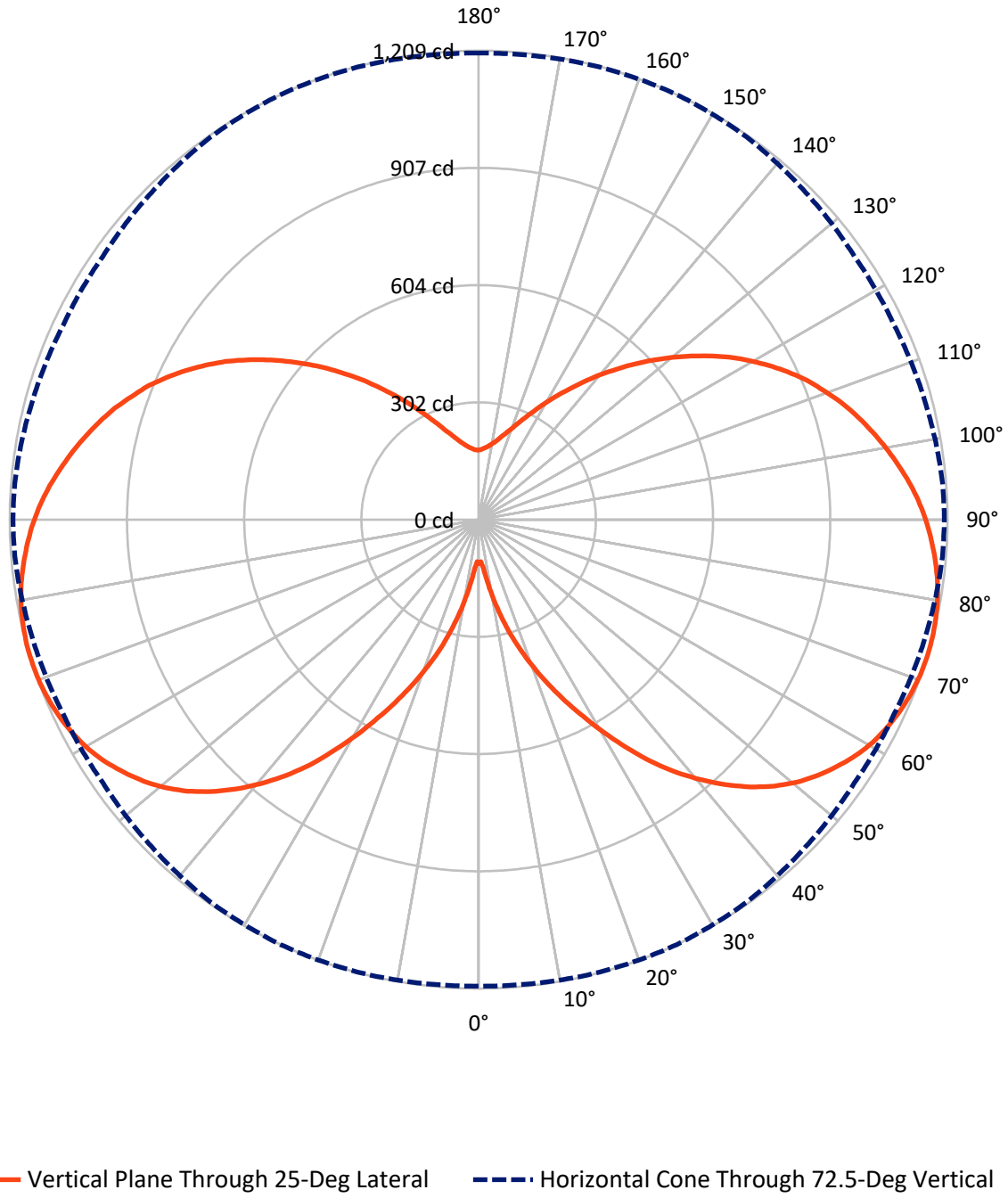
Based on 15 foot mounting height. Maximum calculated value = 1.9 fc
Type V - Short - N/A

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REPORT NUMBER: P981228
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Luminous Intensity Polar Plot



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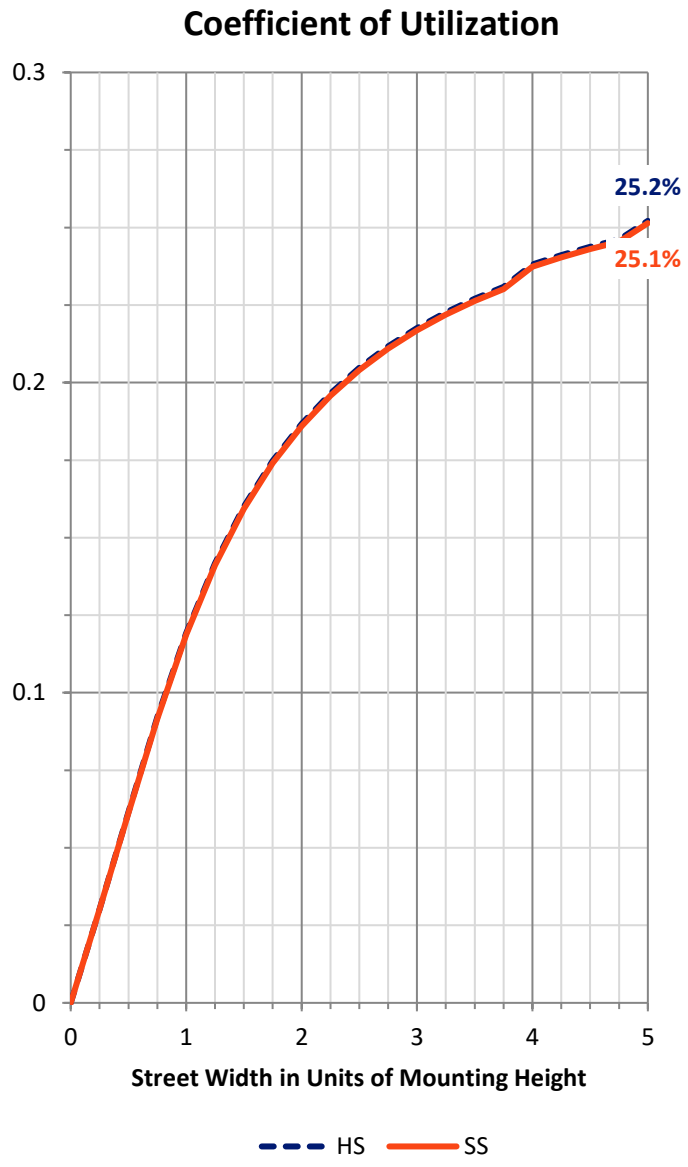
REPORT NUMBER: P981228
CATALOG NUMBER: FFX-CLB-80-722-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3136.2	2345.5	5481.7
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	3136.2	2345.5	5481.7
	% Fixture	28.6	21.4	50.0
Total	Lumens	6272.5	4690.9	10963.4
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.7	0.1
10°-20°	89.2	0.8
20°-30°	241.4	2.2
30°-40°	476.5	4.3
40°-50°	750.8	6.8
50°-60°	994.9	9.1
60°-70°	1169.7	10.7
70°-80°	1263.7	11.5
80°-90°	1271.6	11.6
90°-100°	1197.3	10.9
100°-110°	1058.2	9.7
110°-120°	872.4	8.0
120°-130°	652.1	5.9
130°-140°	435.4	4.0
140°-150°	258.7	2.4
150°-160°	136.1	1.2
160°-170°	62.8	0.6
170°-180°	18.0	0.2
0°-90°	6272.5	57.2
0°-180°	10963.4	100.0



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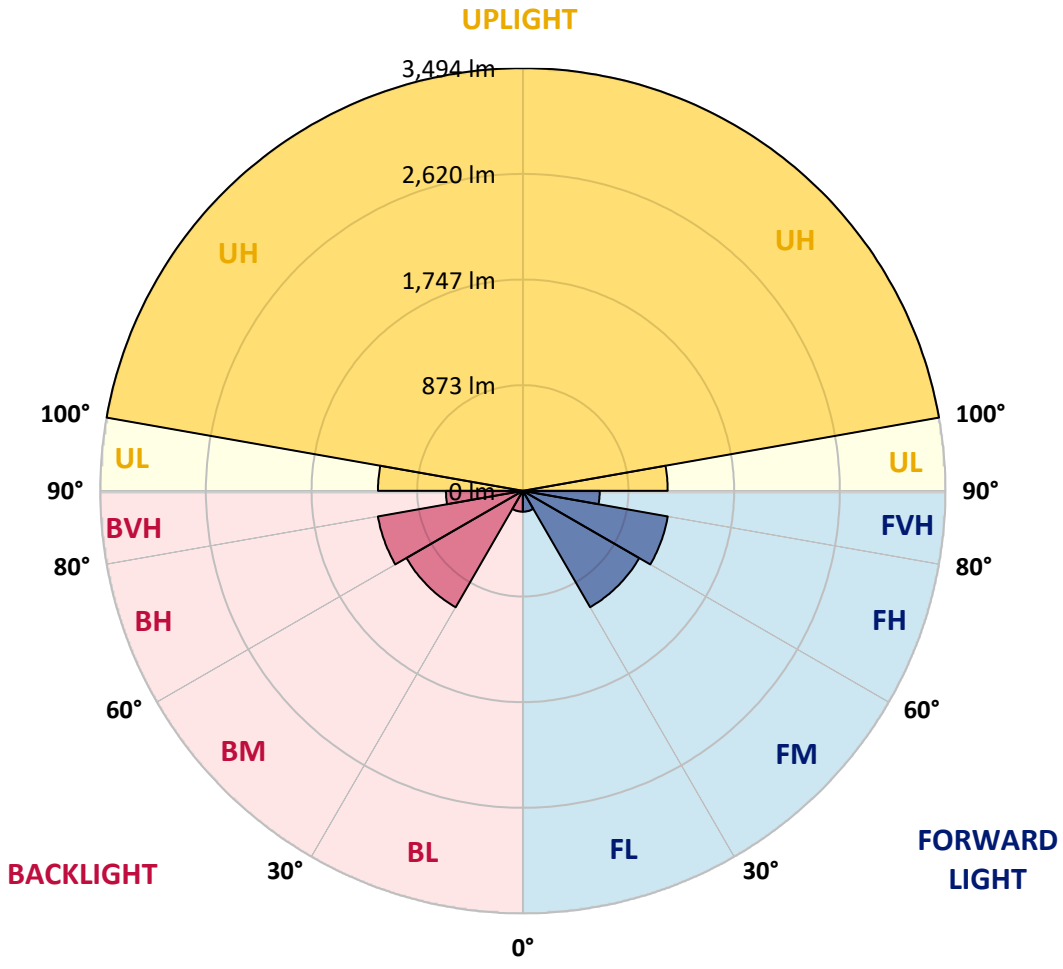
Scaled Data Report

REPORT NUMBER: P981228
CATALOG NUMBER: FFX-CLB-80-722-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	172.6	1.6			
FM	(30°-60°)	1111.1	10.1			
FH	(60°-80°)	1216.7	11.1			G1/1800
FVH	(80°-90°)	635.8	5.8			G4/750
BL	(0°-30°)	172.6	1.6	B1/500		
BM	(30°-60°)	1111.1	10.1	B2/2500		
BH	(60°-80°)	1216.7	11.1	B3/2500		G1/1800
BVH	(80°-90°)	635.8	5.8			G4/750
UL	(90°-100°)	1197.3	10.9		U5	
UH	(100°-180°)	3493.7	31.9		U5	

BUG Rating: B3-U5-G4
Type V Short



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Scaled Data Report

REPORT NUMBER: P981228
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	113.9	113.9	113.9	*113.9*	113.9	113.9	113.9	113.9	113.9	113.9	113.9
2.5°	107.0	107.0	107.7	*108.4*	109.1	109.8	110.5	111.2	111.8	111.2	111.2
5°	123.5	124.9	124.9	*124.9*	124.2	124.9	126.2	126.2	127.6	126.9	126.2
7.5°	158.5	161.9	161.9	*161.2*	160.6	161.2	160.6	160.6	160.6	159.9	161.2
10°	206.5	205.2	205.8	*205.2*	203.8	204.5	205.2	203.8	203.8	203.8	203.8
12.5°	253.2	252.5	254.6	*253.9*	254.6	252.5	253.9	252.5	252.5	250.4	251.1
15°	308.1	308.1	307.4	*305.3*	306.0	303.3	304.6	304.0	301.9	301.9	301.2
17.5°	358.8	358.2	358.8	*356.1*	356.1	355.4	354.0	353.4	353.4	351.3	350.6
20°	409.6	408.2	407.6	*407.6*	405.5	405.5	404.1	401.4	400.0	400.7	399.3
22.5°	464.5	461.8	461.8	*461.8*	457.6	456.3	455.6	452.8	452.8	450.8	450.8
25°	519.4	520.1	520.1	*517.3*	515.3	512.5	511.2	509.1	507.0	506.4	507.0
27.5°	579.8	581.1	579.1	*574.3*	573.6	570.9	567.4	564.7	565.4	561.9	564.7
30°	645.6	642.9	638.8	*637.4*	634.7	631.9	629.2	623.7	624.4	623.0	623.7
32.5°	706.0	706.0	704.6	*700.5*	698.5	692.3	689.6	682.7	683.4	682.7	679.9
35°	771.9	769.8	767.1	*766.4*	759.5	755.4	750.6	743.1	744.4	743.8	744.4
37.5°	827.5	828.1	829.5	*826.1*	819.9	814.4	808.9	803.4	802.1	802.8	801.4
40°	887.8	887.2	885.8	*881.7*	876.9	870.7	863.8	860.4	856.3	859.0	858.3
42.5°	937.2	939.3	938.6	*934.5*	928.3	922.1	916.7	911.2	909.1	908.4	908.4
45°	985.3	986.0	983.9	*983.2*	975.0	969.5	962.6	957.8	956.5	956.5	958.5
47.5°	1029.9	1029.2	1027.8	*1026.4*	1020.3	1012.0	1003.8	1000.4	999.7	1001.1	1001.7
50°	1065.5	1066.9	1066.2	*1064.2*	1058.0	1050.5	1041.5	1038.1	1038.8	1040.2	1040.8
52.5°	1097.8	1097.8	1098.5	*1095.7*	1090.2	1082.0	1073.8	1071.0	1071.0	1073.1	1071.7
55°	1122.5	1123.9	1124.6	*1122.5*	1119.1	1109.5	1101.2	1096.4	1098.5	1100.5	1101.2
57.5°	1145.8	1147.2	1147.2	*1147.2*	1141.7	1132.8	1124.6	1120.4	1123.2	1126.6	1127.3
60°	1164.3	1165.0	1167.1	*1167.1*	1162.3	1152.0	1143.1	1139.6	1143.1	1147.9	1147.2
62.5°	1178.1	1178.1	1180.8	*1181.5*	1176.7	1166.4	1157.5	1154.7	1158.9	1164.3	1166.4
65°	1189.7	1190.4	1192.5	*1193.2*	1189.0	1177.4	1167.8	1167.1	1172.6	1178.1	1178.8
67.5°	1195.9	1196.6	1200.0	*1201.4*	1196.6	1184.9	1176.0	1174.0	1181.5	1188.4	1189.0
70°	1200.0	1201.4	1205.5	*1206.9*	1202.1	1189.7	1180.1	1179.4	1187.7	1195.2	1195.9
72.5°	*1202.8*	*1203.5*	*1207.6*	*1208.9*	*1204.1*	*1192.5*	*1182.9*	*1182.9*	*1190.4*	*1199.3*	*1200.7*
75°	1202.8	1203.5	1206.9	*1208.9*	1204.1	1191.8	1181.5	1181.5	1191.8	1200.7	1202.8
77.5°	1197.3	1199.3	1203.5	*1205.5*	1200.7	1188.4	1178.8	1178.8	1189.0	1198.7	1200.7
80°	1191.8	1192.5	1197.3	*1200.0*	1194.5	1182.9	1172.6	1172.6	1183.6	1193.9	1195.2
82.5°	1182.9	1183.6	1188.4	*1191.1*	1186.3	1174.0	1163.7	1164.3	1174.6	1184.9	1186.3
85°	1170.5	1171.9	1176.7	*1178.8*	1174.6	1161.6	1152.0	1152.7	1163.7	1173.3	1174.6
87.5°	1157.5	1157.5	1163.0	*1165.0*	1160.9	1147.9	1138.3	1138.3	1149.3	1159.5	1160.2
90°	1139.6	1141.0	1145.8	*1149.3*	1143.8	1132.8	1122.5	1122.5	1132.8	1142.4	1145.1
92.5°	1123.2	1123.9	1128.7	*1130.7*	1125.9	1114.3	1105.3	1105.3	1115.6	1125.2	1126.6
95°	1103.3	1103.3	1106.7	*1109.5*	1104.0	1094.4	1086.1	1086.1	1094.4	1102.6	1104.0
97.5°	1082.0	1082.0	1086.1	*1085.4*	1081.3	1071.0	1064.2	1063.5	1071.7	1078.6	1080.6
100°	1058.0	1059.4	1062.1	*1061.4*	1058.0	1047.7	1041.5	1041.5	1047.7	1053.9	1055.3
102.5°	1034.7	1034.7	1036.0	*1035.4*	1030.6	1021.6	1018.2	1017.5	1023.0	1027.1	1027.8
105°	1010.7	1010.7	1009.3	*1009.3*	1003.1	996.2	992.1	992.1	996.9	999.7	999.7
107.5°	983.2	981.8	983.2	*981.2*	975.0	968.1	966.1	965.4	967.4	970.2	968.8
110°	955.1	954.4	953.7	*949.6*	944.8	940.7	937.2	937.2	939.3	940.0	940.0

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Scaled Data Report

REPORT NUMBER: P981228
CATALOG NUMBER: FFX-CLB-80-722-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	925.6	924.9	922.8	*919.4*	913.9	909.8	907.1	907.1	907.7	907.1	905.7
115°	893.3	892.0	889.9	*883.7*	878.2	875.5	874.1	875.5	874.8	872.7	872.7
117.5°	858.3	857.0	853.5	*846.7*	841.9	839.8	840.5	839.8	838.4	836.4	837.1
120°	819.2	819.2	813.7	*808.3*	804.1	804.1	803.4	803.4	801.4	798.6	797.3
122.5°	778.7	778.7	773.9	*769.1*	764.3	764.3	765.0	764.3	763.0	760.2	758.8
125°	739.6	736.2	732.1	*726.6*	723.2	722.5	724.5	725.2	722.5	719.1	719.7
127.5°	696.4	694.4	690.2	*684.1*	681.3	680.6	682.7	684.1	680.6	678.6	677.9
130°	651.1	649.8	646.3	*641.5*	638.8	639.5	641.5	643.6	640.2	638.1	636.7
132.5°	606.5	606.5	604.5	*599.7*	596.2	599.0	600.4	601.7	598.3	597.6	596.9
135°	566.0	565.4	561.2	*558.5*	555.8	556.4	559.2	558.5	557.8	556.4	555.1
137.5°	524.2	524.2	522.1	*517.3*	517.3	518.0	519.4	519.4	520.1	517.3	518.0
140°	485.1	484.4	483.0	*479.6*	477.5	478.9	480.3	481.0	481.0	478.2	478.9
142.5°	448.0	447.4	443.2	*441.2*	441.2	441.9	442.5	443.2	443.2	441.9	442.5
145°	408.2	409.6	407.6	*405.5*	405.5	405.5	407.6	408.2	408.9	407.6	407.6
147.5°	375.3	376.7	374.6	*373.2*	373.2	373.2	374.6	375.3	373.9	374.6	374.6
150°	344.4	344.4	343.1	*342.4*	341.7	342.4	343.7	344.4	344.4	343.1	343.1
152.5°	314.9	314.2	313.6	*313.6*	313.6	313.6	314.9	314.9	315.6	315.6	314.2
155°	289.5	288.9	288.9	*288.2*	288.9	288.9	288.9	289.5	289.5	290.2	290.9
157.5°	266.2	265.5	266.2	*266.2*	266.2	266.9	266.9	267.6	266.2	266.9	267.6
160°	247.0	247.7	247.0	*246.3*	246.3	247.0	247.0	247.7	247.7	247.0	247.7
162.5°	230.5	230.5	229.9	*230.5*	231.2	230.5	230.5	231.2	231.2	231.2	231.2
165°	217.5	216.8	216.8	*216.8*	216.8	216.8	217.5	217.5	217.5	217.5	218.2
167.5°	205.8	205.2	205.2	*205.2*	205.8	205.8	205.8	206.5	206.5	206.5	205.8
170°	196.9	196.2	196.2	*196.2*	196.9	196.9	196.9	196.9	196.9	196.9	196.9
172.5°	189.4	189.4	189.4	*189.4*	189.4	189.4	189.4	189.4	189.4	190.1	189.4
175°	184.6	184.6	184.6	*184.6*	183.9	183.9	184.6	184.6	184.6	184.6	184.6
177.5°	180.4	180.4	181.1	*180.4*	180.4	180.4	181.1	181.1	181.1	180.4	180.4
180°	179.1	179.1	179.1	*179.1*	179.1	179.1	179.1	179.1	179.1	179.1	179.1

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1121 Highway 74 South
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

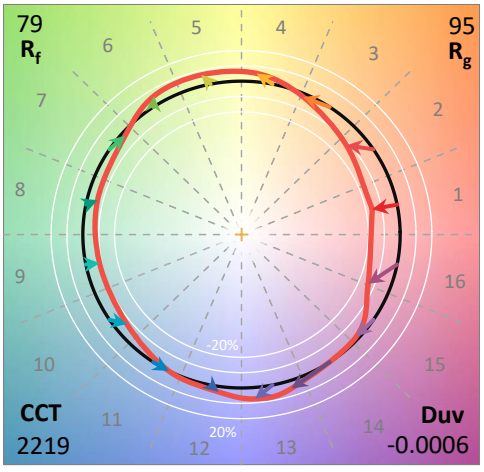
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Version: v7.04

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

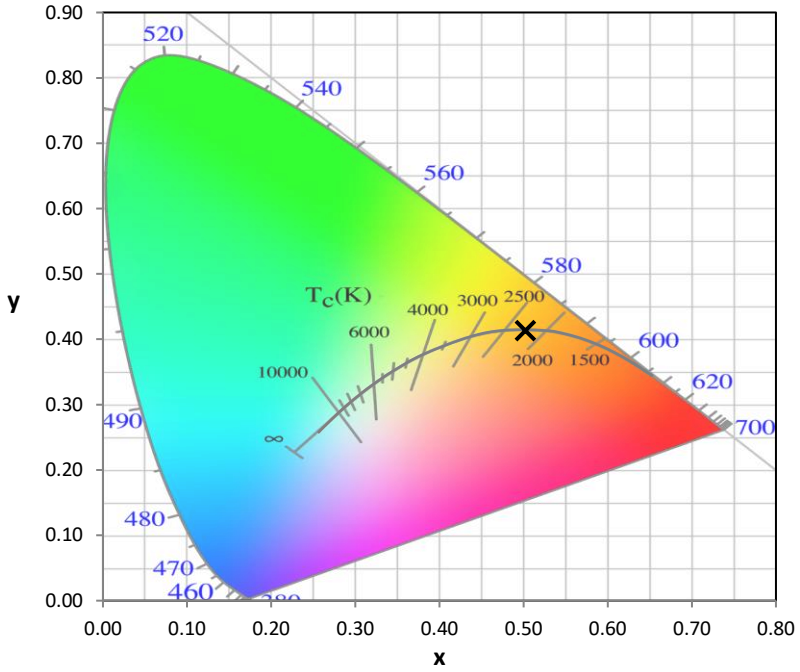
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

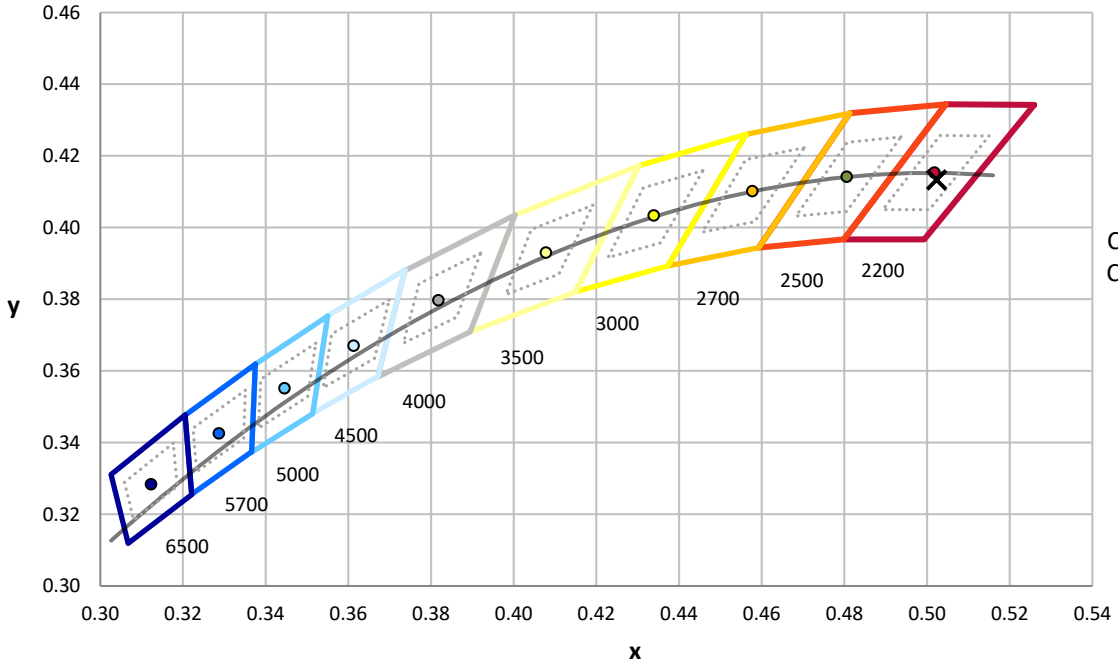
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

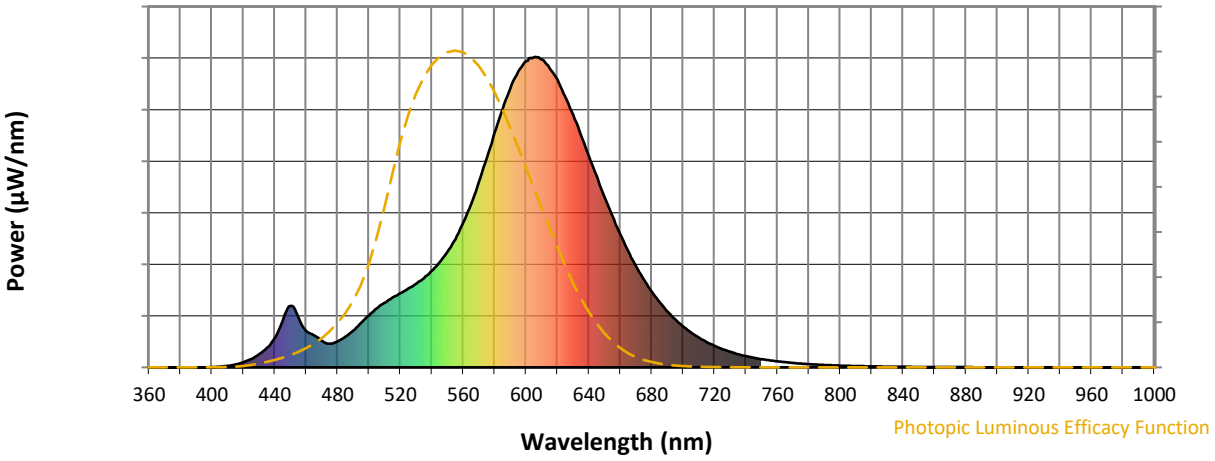


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

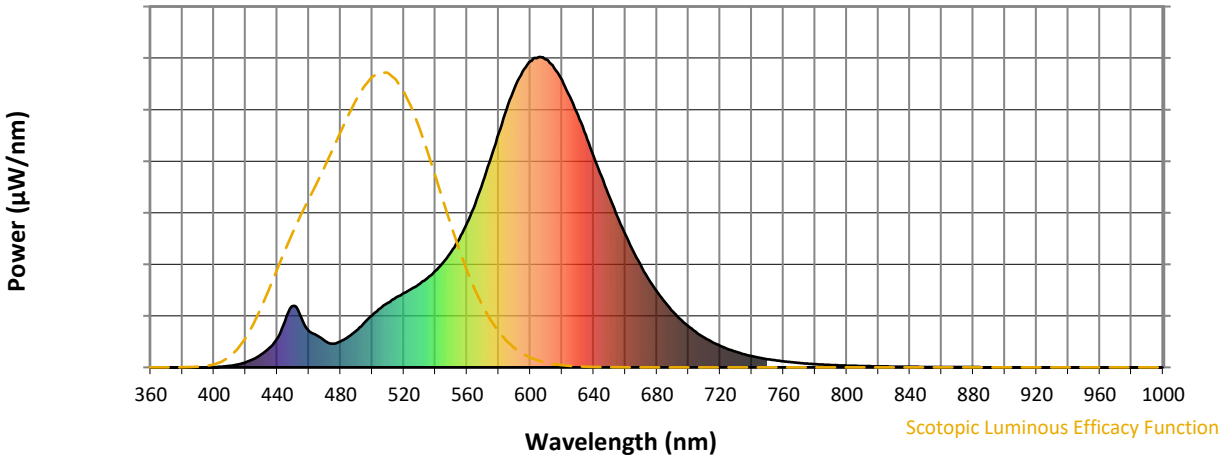


Photopic Lumens: NR

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

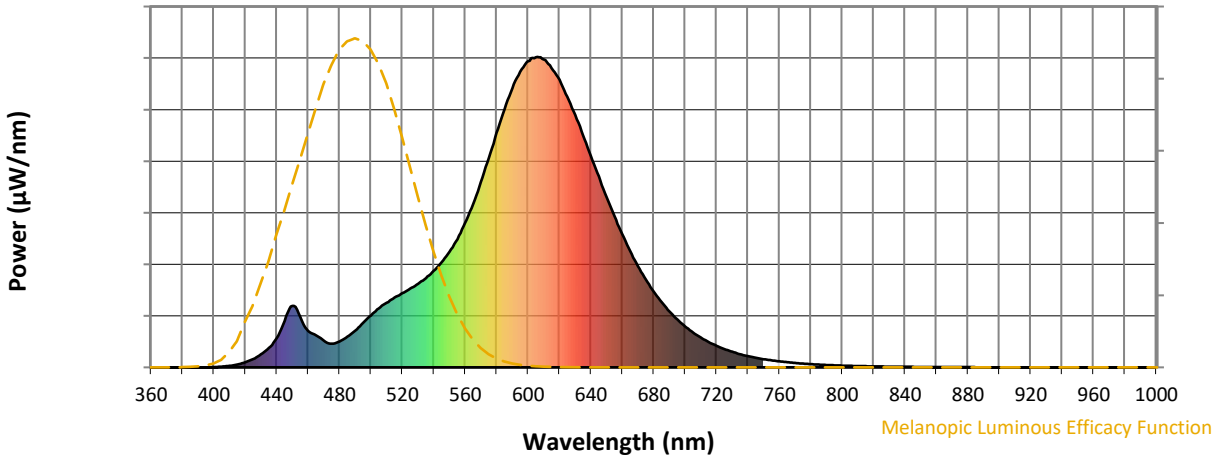


Scotopic Lumens: NR **S/P: 0.94**

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			

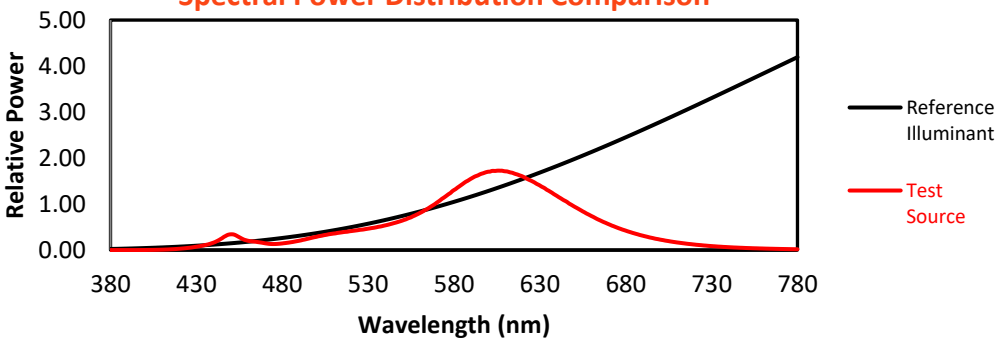
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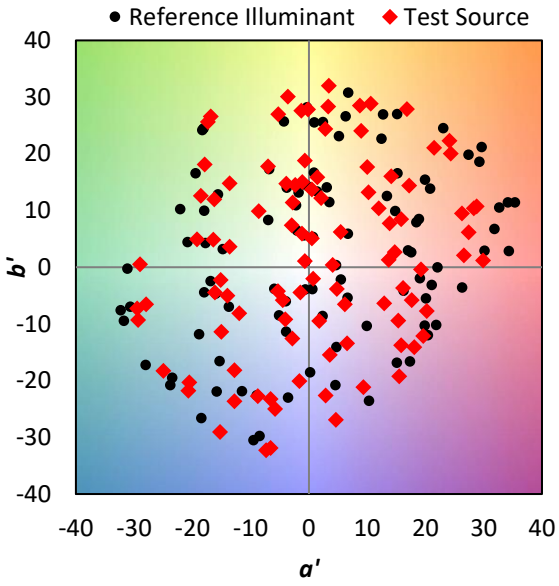
Summary

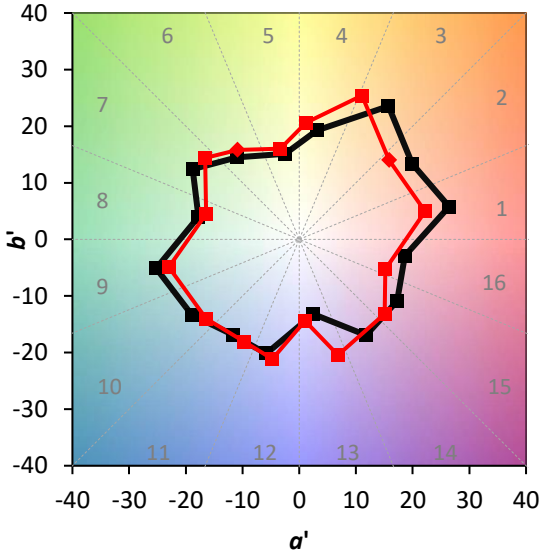
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

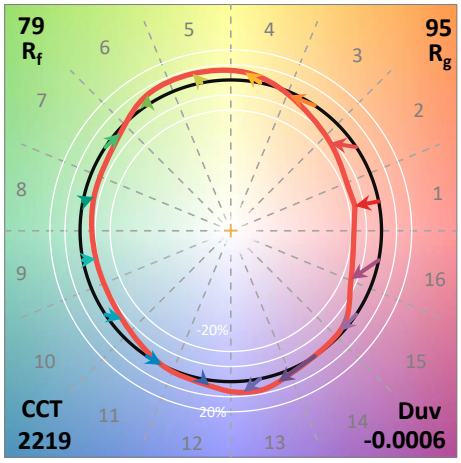
Spectral Power Distribution Comparison

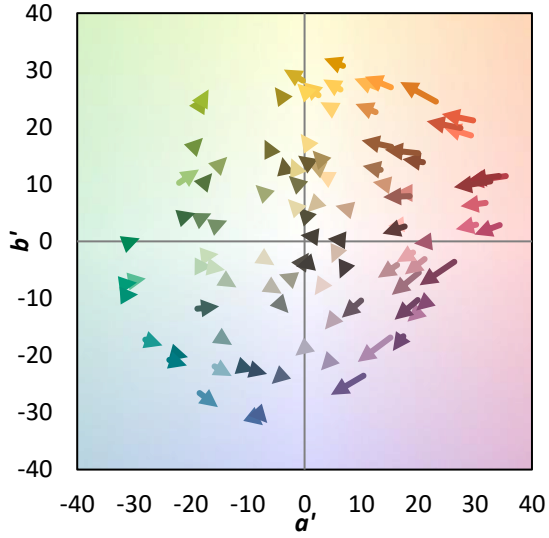


Color Vector Graphics







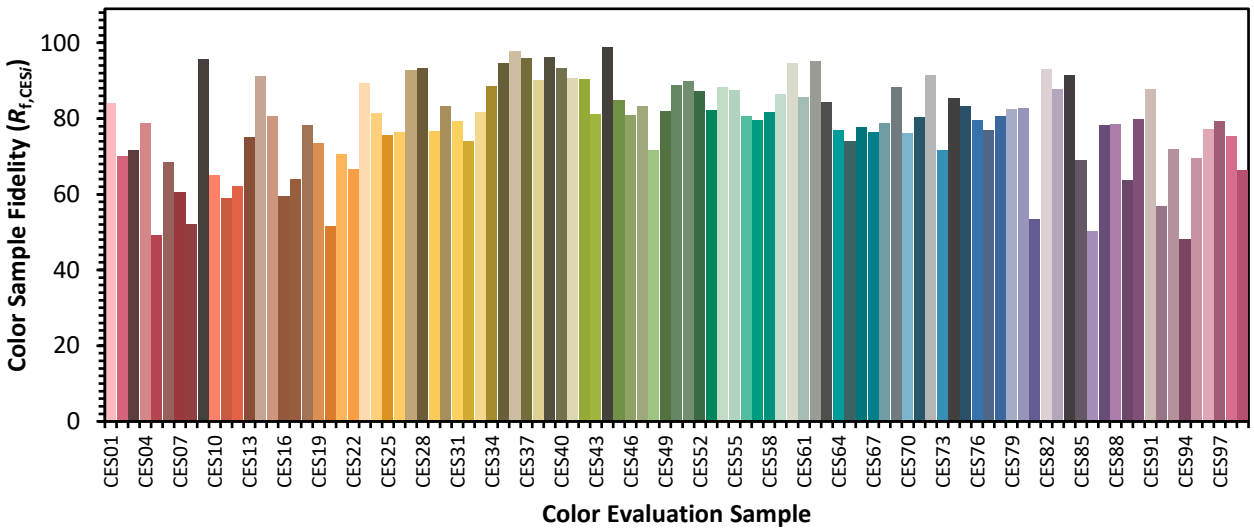


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Individual Sample Fidelity Index ($R_{f,i}$)

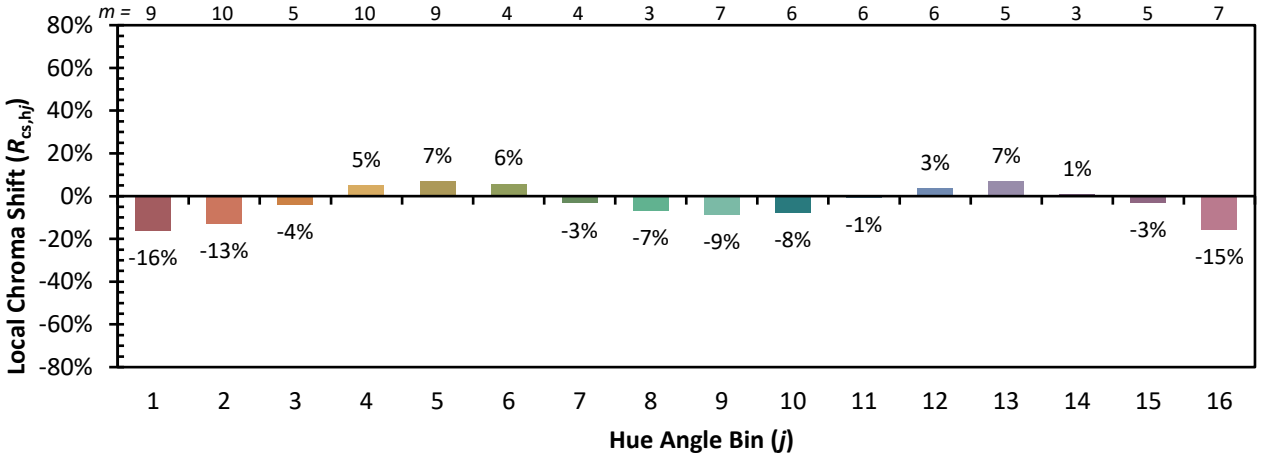
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82 = 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	

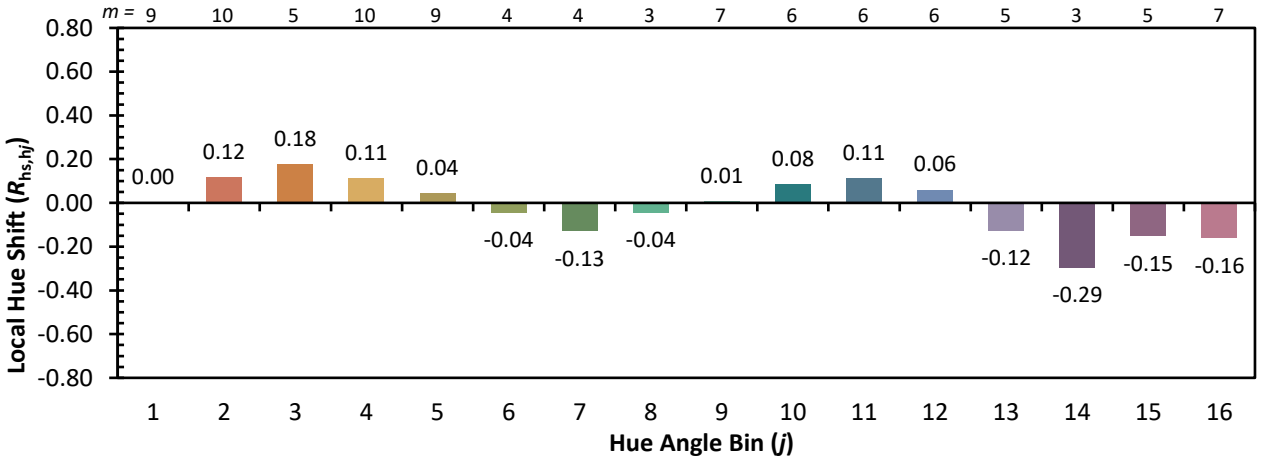


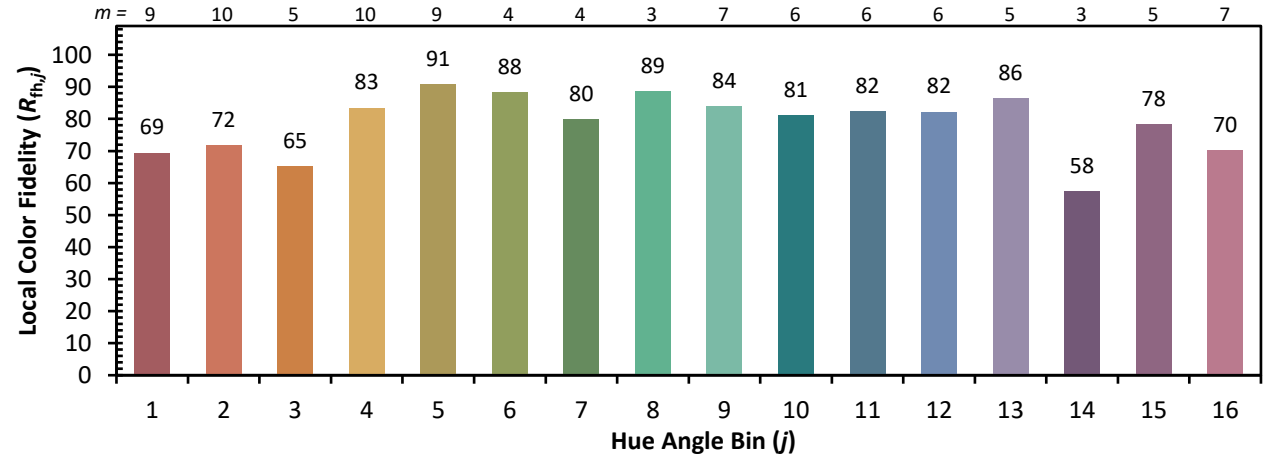
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Color Rendition by Hue-Angle Bin



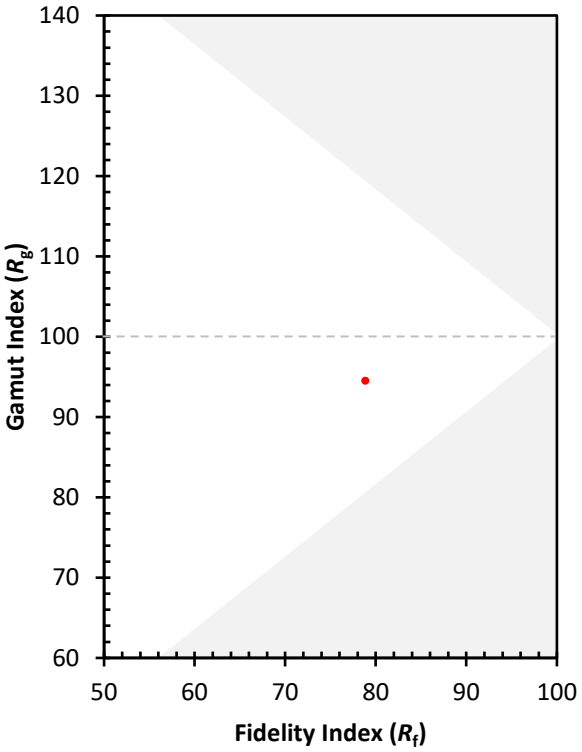


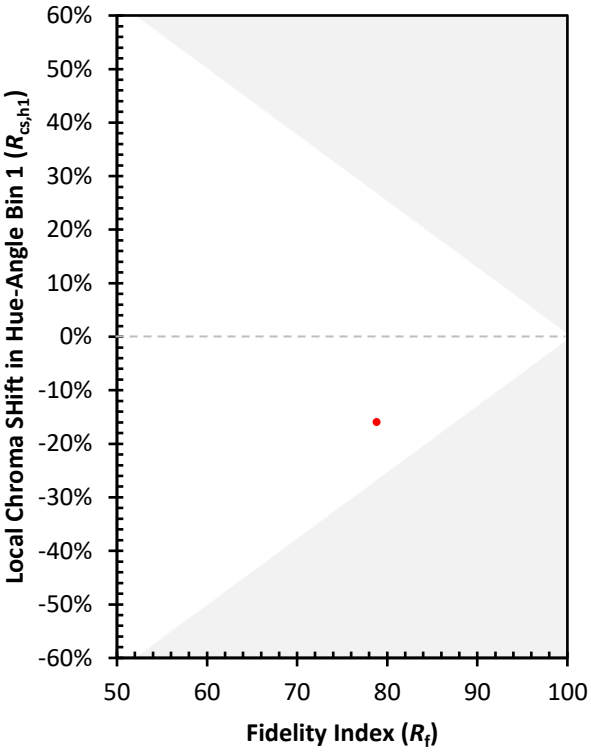


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Measure Comparisons





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