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: P981227

Luminaire Tested: **FFX-CLB-90-722-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:	P981227
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-90-722-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:	12363 lumens
Efficiency:	N/A
Efficacy:	136.5 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G4

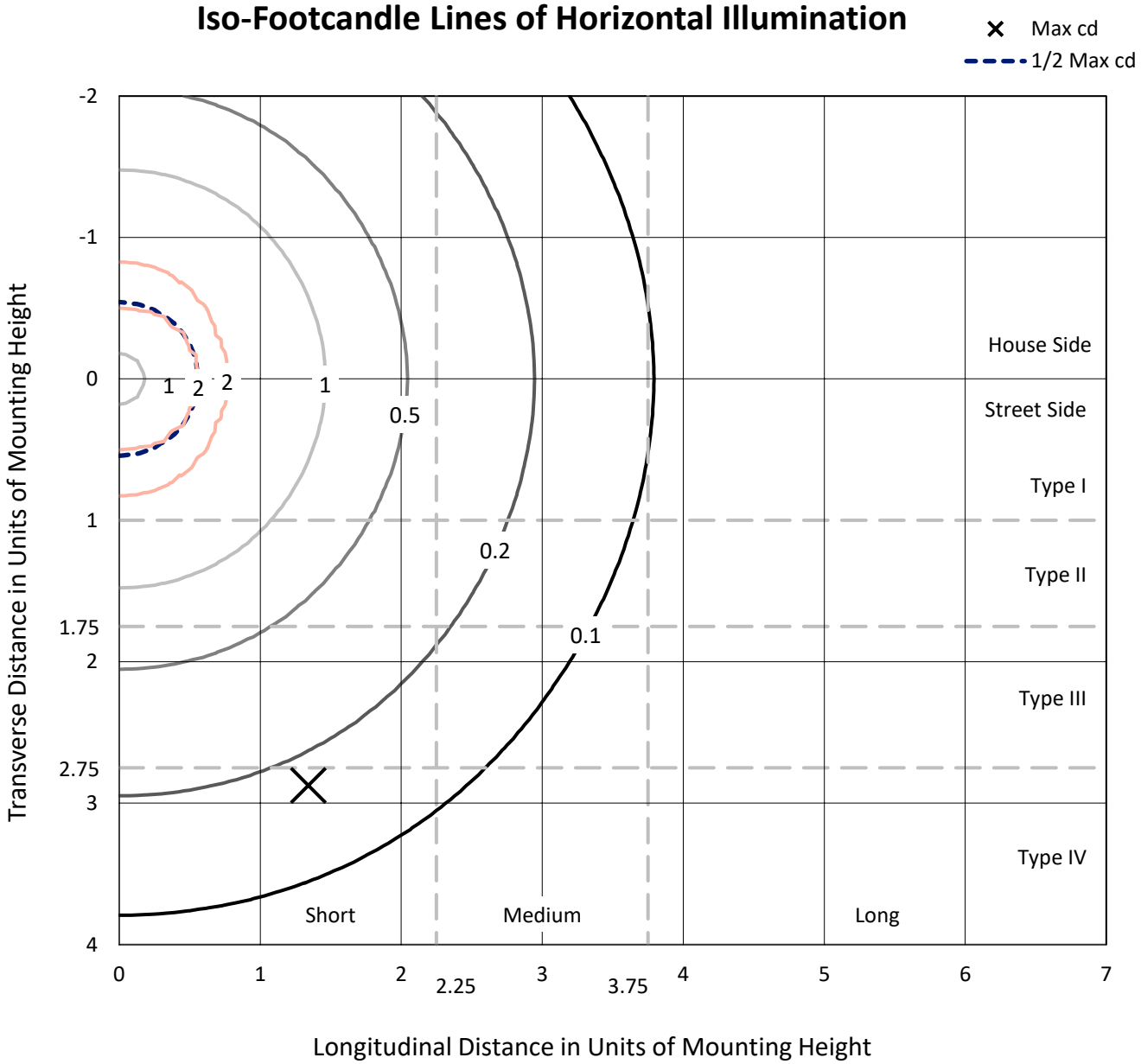
Input Watts (W):	90.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P981227
CATALOG NUMBER: FFX-CLB-90-722-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



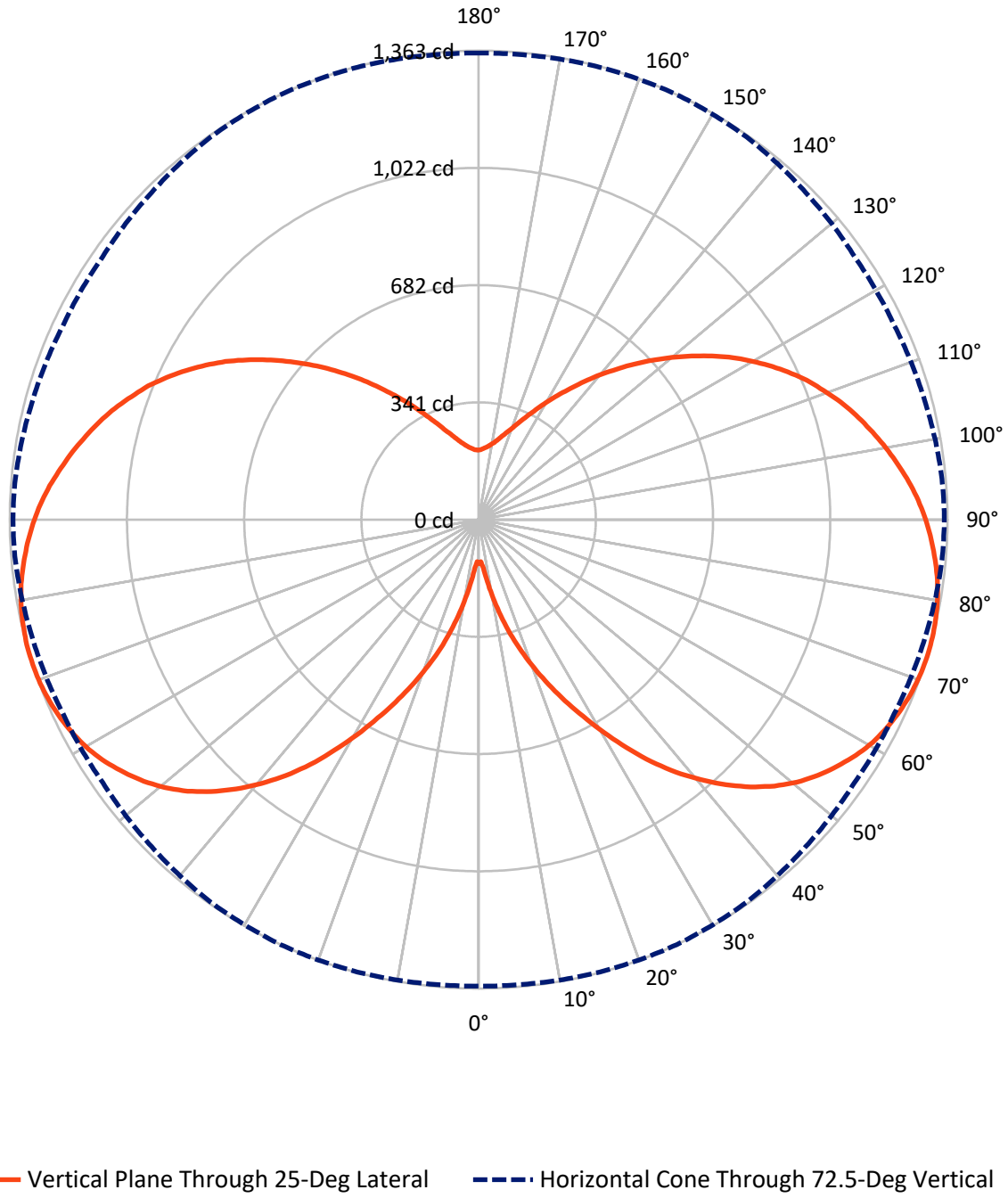
Based on 15 foot mounting height. Maximum calculated value = 2.1 fc
Type V - Short - N/A

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Scaled Data Report

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Luminous Intensity Polar Plot



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Scaled Data Report

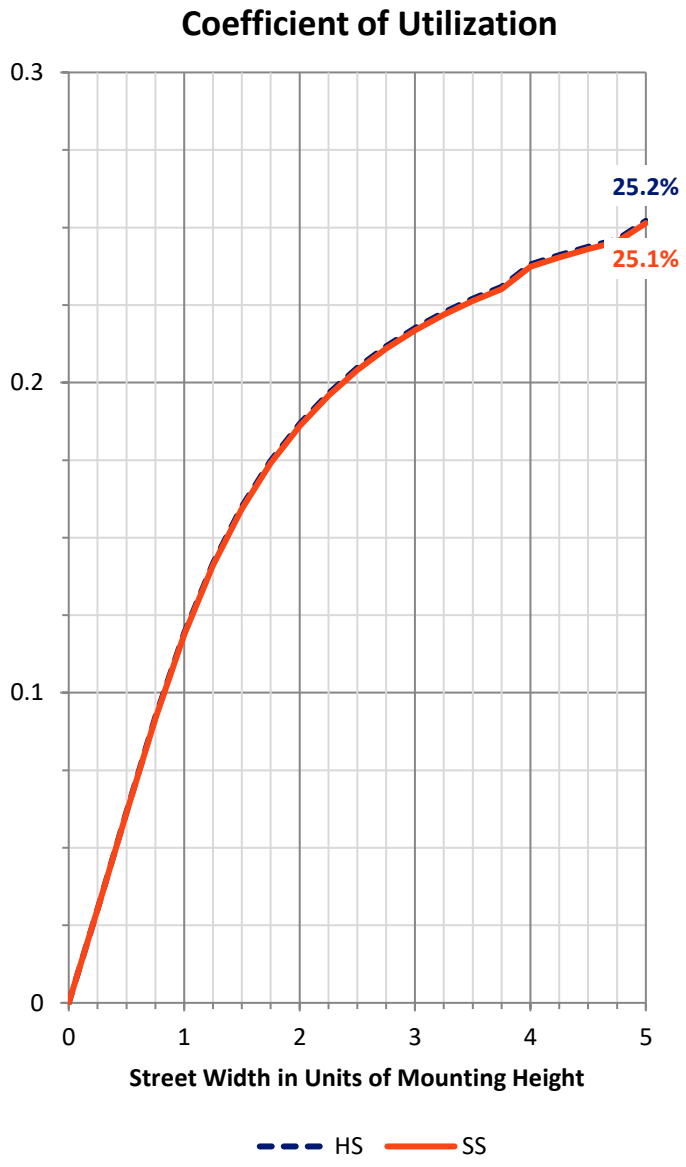
REPORT NUMBER: P981227
CATALOG NUMBER: FFX-CLB-90-722-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3536.6	2644.9	6181.5
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	3536.6	2644.9	6181.5
	% Fixture	28.6	21.4	50.0
Total	Lumens	7073.2	5289.8	12363.0
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.5	0.1
10°-20°	100.6	0.8
20°-30°	272.2	2.2
30°-40°	537.4	4.3
40°-50°	846.7	6.8
50°-60°	1121.9	9.1
60°-70°	1319.1	10.7
70°-80°	1425.1	11.5
80°-90°	1433.9	11.6
90°-100°	1350.1	10.9
100°-110°	1193.3	9.7
110°-120°	983.7	8.0
120°-130°	735.3	5.9
130°-140°	491.0	4.0
140°-150°	291.7	2.4
150°-160°	153.5	1.2
160°-170°	70.8	0.6
170°-180°	20.3	0.2
0°-90°	7073.2	57.2
0°-180°	12363.0	100.0



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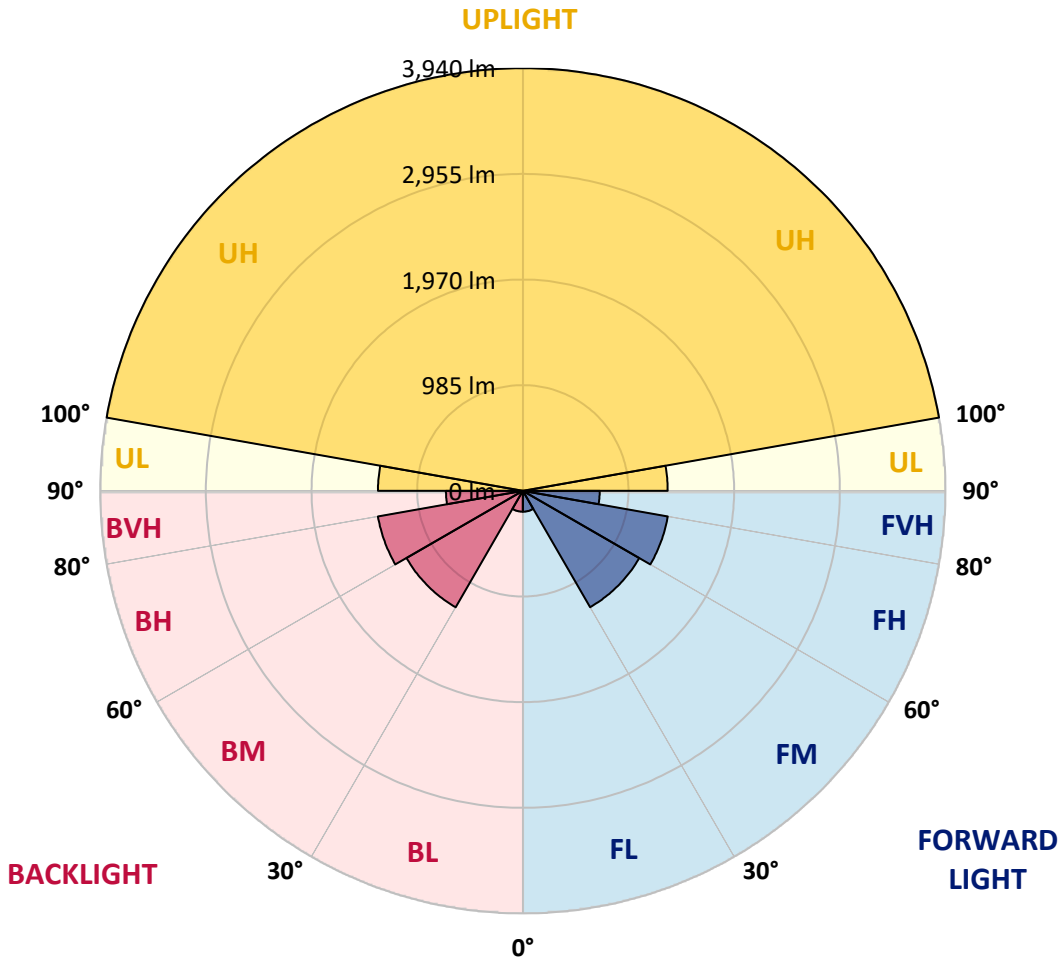
Scaled Data Report

REPORT NUMBER: P981227
CATALOG NUMBER: FFX-CLB-90-722-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	194.7	1.6			
FM	(30°-60°)	1252.9	10.1			
FH	(60°-80°)	1372.1	11.1			G1/1800
FVH	(80°-90°)	716.9	5.8			G4/750
BL	(0°-30°)	194.7	1.6	B1/500		
BM	(30°-60°)	1252.9	10.1	B2/2500		
BH	(60°-80°)	1372.1	11.1	B3/2500		G1/1800
BVH	(80°-90°)	716.9	5.8			G4/750
UL	(90°-100°)	1350.1	10.9		U5	
UH	(100°-180°)	3939.7	31.9		U5	

BUG Rating: B3-U5-G4
Type V Short



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REPORT NUMBER: P981227
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	128.4	128.4	128.4	*128.4*	128.4	128.4	128.4	128.4	128.4	128.4	128.4
2.5°	120.7	120.7	121.5	*122.2*	123.0	123.8	124.6	125.3	126.1	125.3	125.3
5°	139.3	140.8	140.8	*140.8*	140.0	140.8	142.4	142.4	143.9	143.1	142.4
7.5°	178.7	182.6	182.6	*181.8*	181.0	181.8	181.0	181.0	181.0	180.3	181.8
10°	232.9	231.3	232.1	*231.3*	229.8	230.6	231.3	229.8	229.8	229.8	229.8
12.5°	285.5	284.7	287.0	*286.3*	287.0	284.7	286.3	284.7	284.7	282.4	283.2
15°	347.4	347.4	346.6	*344.3*	345.1	342.0	343.5	342.8	340.4	340.4	339.7
17.5°	404.7	403.9	404.7	*401.6*	401.6	400.8	399.2	398.5	398.5	396.1	395.4
20°	461.9	460.4	459.6	*459.6*	457.3	457.3	455.7	452.6	451.1	451.8	450.3
22.5°	523.8	520.7	520.7	*520.7*	516.1	514.5	513.7	510.6	510.6	508.3	508.3
25°	585.7	586.5	586.5	*583.4*	581.1	578.0	576.4	574.1	571.8	571.0	571.8
27.5°	653.8	655.3	653.0	*647.6*	646.8	643.7	639.9	636.8	637.5	633.7	636.8
30°	728.1	725.0	720.3	*718.8*	715.7	712.6	709.5	703.3	704.1	702.5	703.3
32.5°	796.1	796.1	794.6	*790.0*	787.6	780.7	777.6	769.8	770.6	769.8	766.7
35°	870.4	868.1	865.0	*864.2*	856.5	851.9	846.4	837.9	839.5	838.7	839.5
37.5°	933.1	933.9	935.4	*931.5*	924.6	918.4	912.2	906.0	904.5	905.2	903.7
40°	1001.2	1000.4	998.9	*994.2*	988.8	981.8	974.1	970.2	965.6	968.7	967.9
42.5°	1056.9	1059.2	1058.4	*1053.8*	1046.8	1039.9	1033.7	1027.5	1025.2	1024.4	1024.4
45°	1111.0	1111.8	1109.5	*1108.7*	1099.4	1093.3	1085.5	1080.1	1078.6	1078.6	1080.9
47.5°	1161.3	1160.6	1159.0	*1157.5*	1150.5	1141.2	1131.9	1128.1	1127.3	1128.8	1129.6
50°	1201.6	1203.1	1202.3	*1200.0*	1193.1	1184.5	1174.5	1170.6	1171.4	1172.9	1173.7
52.5°	1237.9	1237.9	1238.7	*1235.6*	1229.4	1220.1	1210.9	1207.8	1207.8	1210.1	1208.5
55°	1265.8	1267.3	1268.1	*1265.8*	1261.9	1251.1	1241.8	1236.4	1238.7	1241.0	1241.8
57.5°	1292.1	1293.6	1293.6	*1293.6*	1287.5	1277.4	1268.1	1263.5	1266.6	1270.4	1271.2
60°	1313.0	1313.8	1316.1	*1316.1*	1310.7	1299.1	1289.0	1285.1	1289.0	1294.4	1293.6
62.5°	1328.5	1328.5	1331.6	*1332.3*	1326.9	1315.3	1305.2	1302.2	1306.8	1313.0	1315.3
65°	1341.6	1342.4	1344.7	*1345.5*	1340.8	1327.7	1316.9	1316.1	1322.3	1328.5	1329.2
67.5°	1348.6	1349.3	1353.2	*1354.8*	1349.3	1336.2	1326.1	1323.8	1332.3	1340.1	1340.8
70°	1353.2	1354.8	1359.4	*1361.0*	1355.5	1341.6	1330.8	1330.0	1339.3	1347.8	1348.6
72.5°	*1356.3*	*1357.1*	*1361.7*	*1363.3*	*1357.9*	*1344.7*	*1333.9*	*1333.9*	*1342.4*	*1352.4*	*1354.0*
75°	1356.3	1357.1	1361.0	*1363.3*	1357.9	1343.9	1332.3	1332.3	1343.9	1354.0	1356.3
77.5°	1350.1	1352.4	1357.1	*1359.4*	1354.0	1340.1	1329.2	1329.2	1340.8	1351.7	1354.0
80°	1343.9	1344.7	1350.1	*1353.2*	1347.0	1333.9	1322.3	1322.3	1334.6	1346.3	1347.8
82.5°	1333.9	1334.6	1340.1	*1343.2*	1337.7	1323.8	1312.2	1313.0	1324.6	1336.2	1337.7
85°	1319.9	1321.5	1326.9	*1329.2*	1324.6	1309.9	1299.1	1299.8	1312.2	1323.0	1324.6
87.5°	1305.2	1305.2	1311.4	*1313.8*	1309.1	1294.4	1283.6	1283.6	1296.0	1307.6	1308.3
90°	1285.1	1286.7	1292.1	*1296.0*	1289.8	1277.4	1265.8	1265.8	1277.4	1288.2	1291.3
92.5°	1266.6	1267.3	1272.8	*1275.1*	1269.7	1256.5	1246.4	1246.4	1258.1	1268.9	1270.4
95°	1244.1	1244.1	1248.0	*1251.1*	1244.9	1234.1	1224.8	1224.8	1234.1	1243.4	1244.9
97.5°	1220.1	1220.1	1224.8	*1224.0*	1219.4	1207.8	1200.0	1199.2	1208.5	1216.3	1218.6
100°	1193.1	1194.6	1197.7	*1196.9*	1193.1	1181.5	1174.5	1174.5	1181.5	1188.4	1190.0
102.5°	1166.8	1166.8	1168.3	*1167.5*	1162.1	1152.1	1148.2	1147.4	1153.6	1158.2	1159.0
105°	1139.7	1139.7	1138.1	*1138.1*	1131.2	1123.4	1118.8	1118.8	1124.2	1127.3	1127.3
107.5°	1108.7	1107.2	1108.7	*1106.4*	1099.4	1091.7	1089.4	1088.6	1090.9	1094.0	1092.5
110°	1077.0	1076.2	1075.5	*1070.8*	1065.4	1060.8	1056.9	1056.9	1059.2	1060.0	1060.0

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Scaled Data Report

REPORT NUMBER: P981227
CATALOG NUMBER: FFX-CLB-90-722-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1043.7	1043.0	1040.6	*1036.8*	1030.6	1025.9	1022.8	1022.8	1023.6	1022.8	1021.3
115°	1007.4	1005.8	1003.5	*996.5*	990.3	987.3	985.7	987.3	986.5	984.2	984.2
117.5°	967.9	966.4	962.5	*954.8*	949.3	947.0	947.8	947.0	945.5	943.2	943.9
120°	923.8	923.8	917.6	*911.4*	906.8	906.8	906.0	906.0	903.7	900.6	899.1
122.5°	878.2	878.2	872.7	*867.3*	861.9	861.9	862.7	861.9	860.4	857.3	855.7
125°	834.1	830.2	825.5	*819.4*	815.5	814.7	817.0	817.8	814.7	810.8	811.6
127.5°	785.3	783.0	778.4	*771.4*	768.3	767.5	769.8	771.4	767.5	765.2	764.4
130°	734.3	732.7	728.8	*723.4*	720.3	721.1	723.4	725.7	721.9	719.5	718.0
132.5°	684.0	684.0	681.6	*676.2*	672.4	675.4	677.0	678.5	674.7	673.9	673.1
135°	638.3	637.5	632.9	*629.8*	626.7	627.5	630.6	629.8	629.0	627.5	625.9
137.5°	591.1	591.1	588.8	*583.4*	583.4	584.2	585.7	585.7	586.5	583.4	584.2
140°	547.0	546.2	544.7	*540.8*	538.5	540.0	541.6	542.4	542.4	539.3	540.0
142.5°	505.2	504.5	499.8	*497.5*	497.5	498.3	499.0	499.8	499.8	498.3	499.0
145°	460.4	461.9	459.6	*457.3*	457.3	457.3	459.6	460.4	461.1	459.6	459.6
147.5°	423.2	424.8	422.4	*420.9*	420.9	420.9	422.4	423.2	421.7	422.4	422.4
150°	388.4	388.4	386.9	*386.1*	385.3	386.1	387.6	388.4	388.4	386.9	386.9
152.5°	355.1	354.4	353.6	*353.6*	353.6	353.6	355.1	355.1	355.9	355.9	354.4
155°	326.5	325.7	325.7	*325.0*	325.7	325.7	325.7	326.5	326.5	327.3	328.1
157.5°	300.2	299.4	300.2	*300.2*	300.2	301.0	301.0	301.7	300.2	301.0	301.7
160°	278.5	279.3	278.5	*277.8*	277.8	278.5	278.5	279.3	279.3	278.5	279.3
162.5°	260.0	260.0	259.2	*260.0*	260.7	260.0	260.0	260.7	260.7	260.7	260.7
165°	245.3	244.5	244.5	*244.5*	244.5	244.5	245.3	245.3	245.3	245.3	246.0
167.5°	232.1	231.3	231.3	*231.3*	232.1	232.1	232.1	232.9	232.9	232.9	232.1
170°	222.1	221.3	221.3	*221.3*	222.1	222.1	222.1	222.1	222.1	222.1	222.1
172.5°	213.5	213.5	213.5	*213.5*	213.5	213.5	213.5	213.5	213.5	214.3	213.5
175°	208.1	208.1	208.1	*208.1*	207.4	207.4	208.1	208.1	208.1	208.1	208.1
177.5°	203.5	203.5	204.3	*203.5*	203.5	203.5	204.3	204.3	204.3	203.5	203.5
180°	201.9	201.9	201.9	*201.9*	201.9	201.9	201.9	201.9	201.9	201.9	201.9

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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

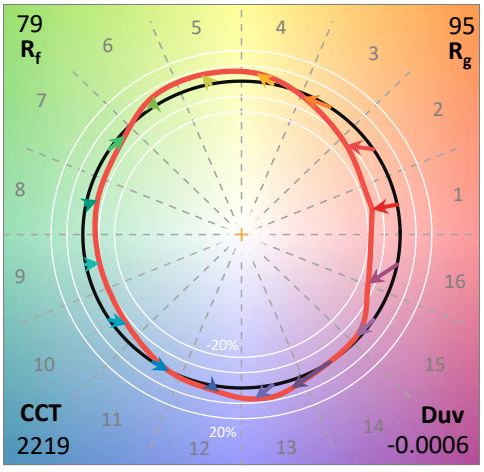
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Version: v7.04

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

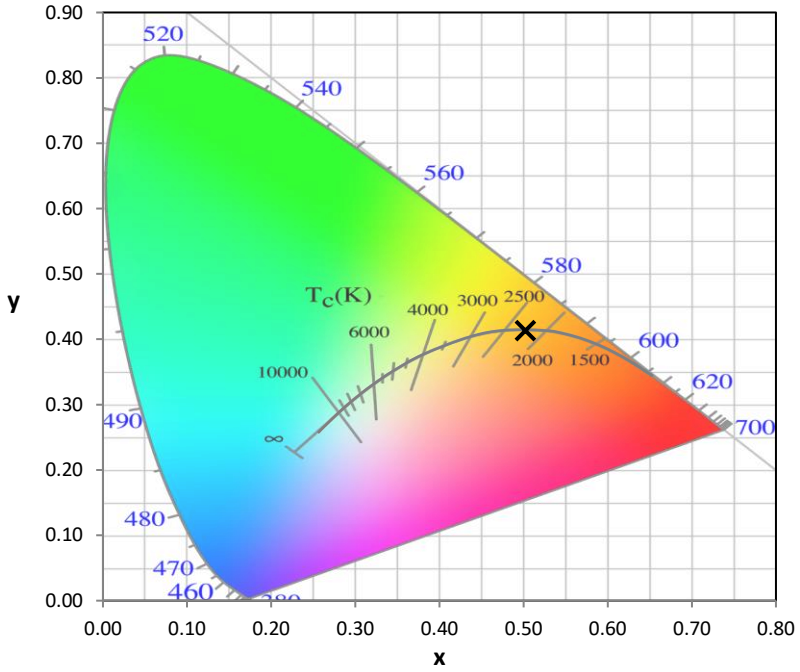
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

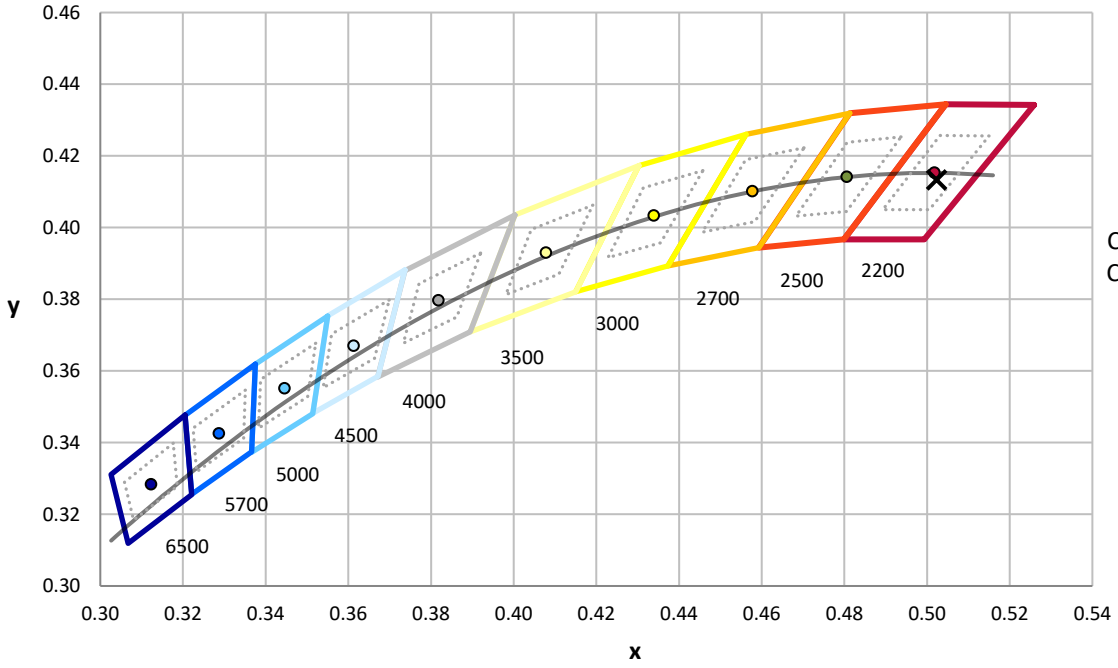
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

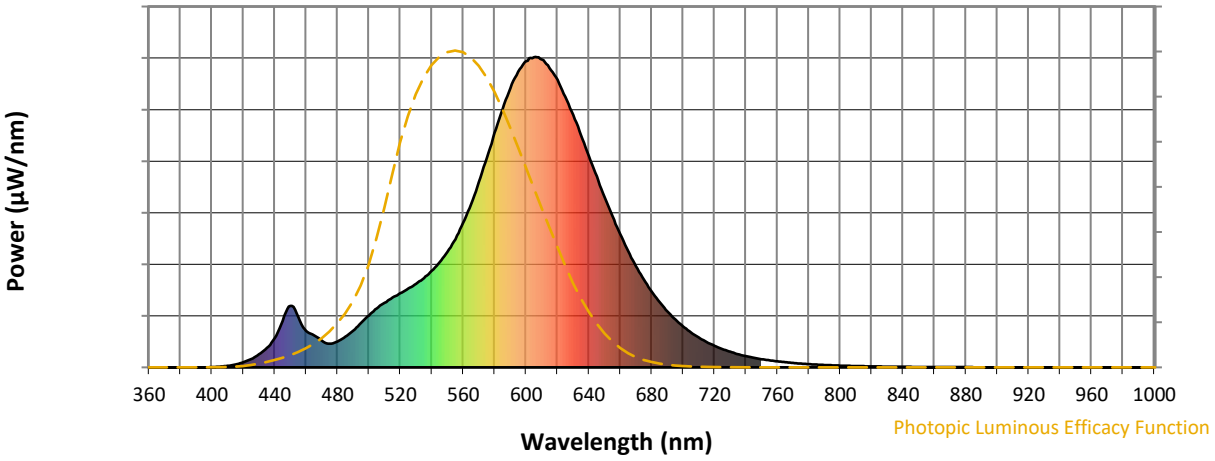


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

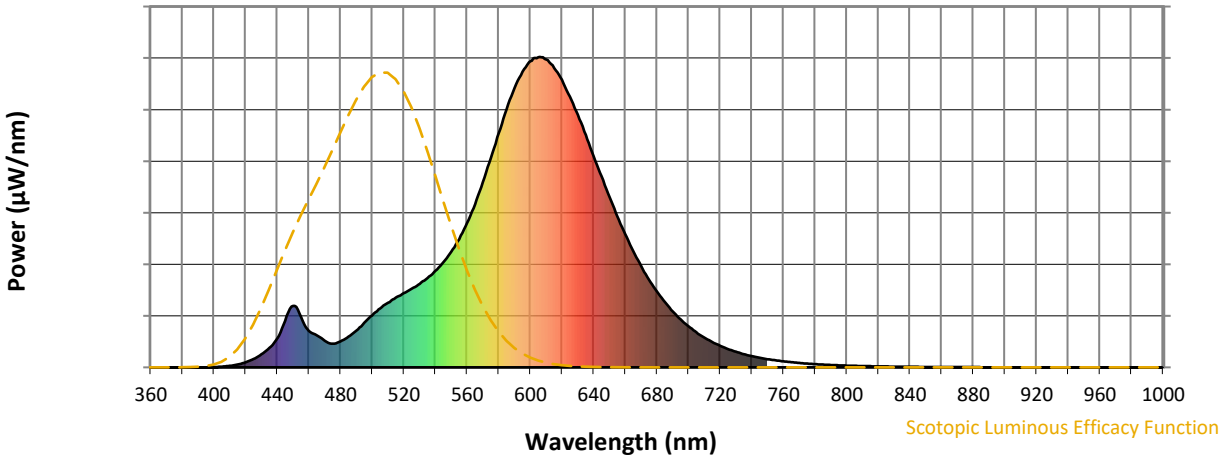


Photopic Lumens: NR

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

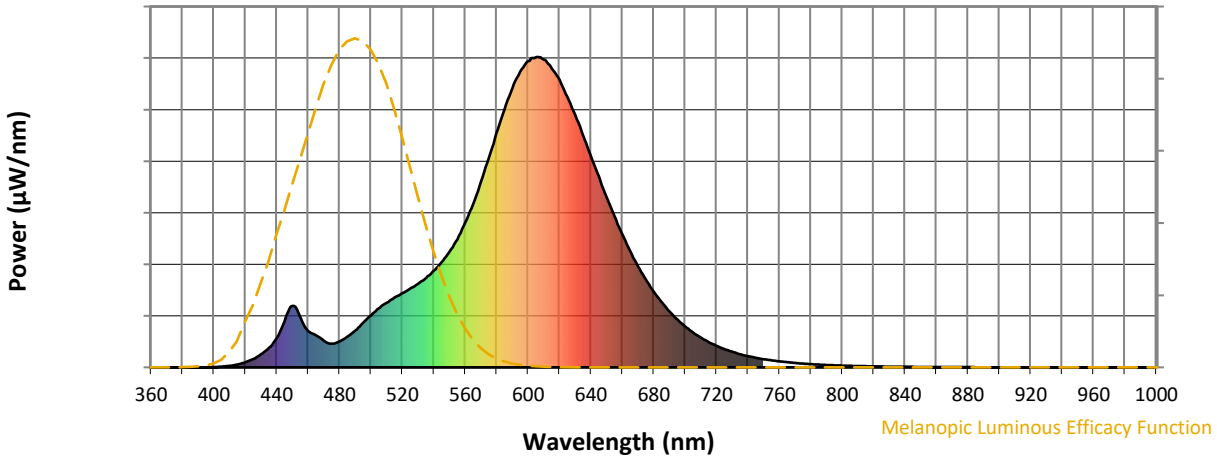


Scotopic Lumens: NR **S/P: 0.94**

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			

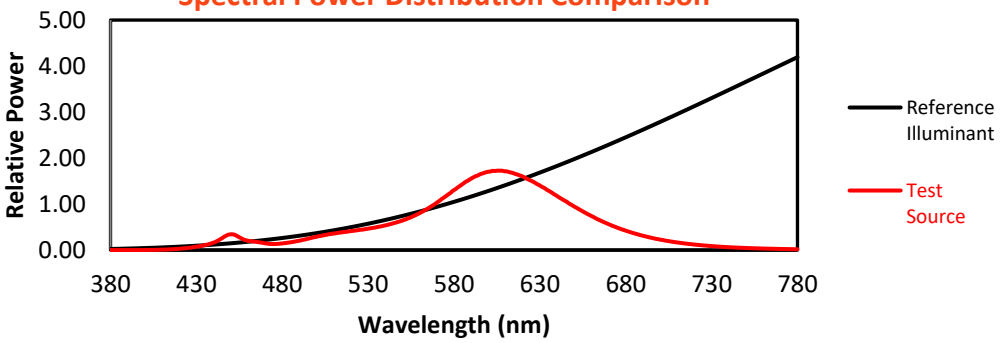
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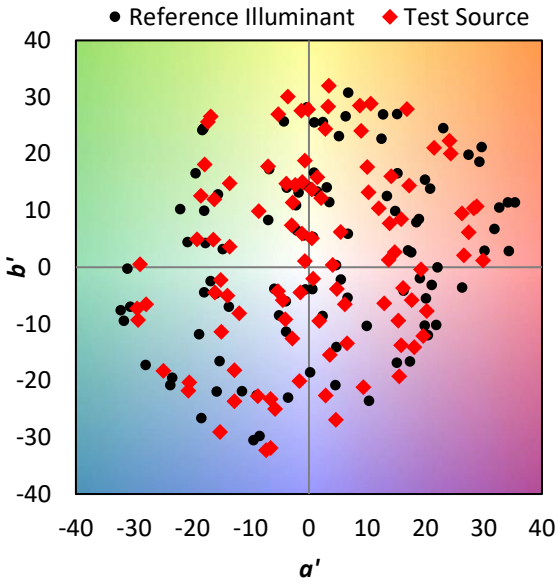
Summary

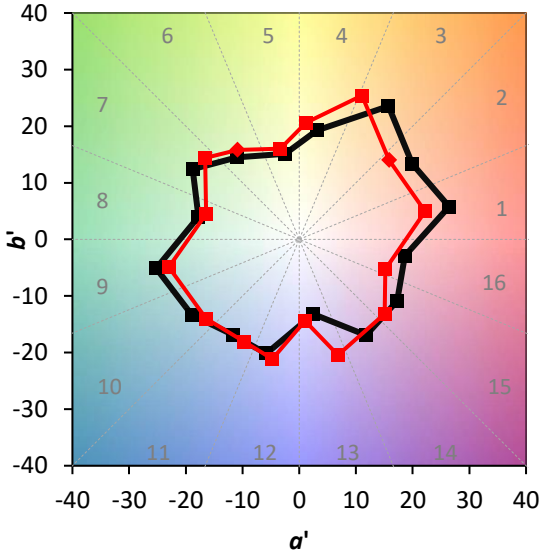
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R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

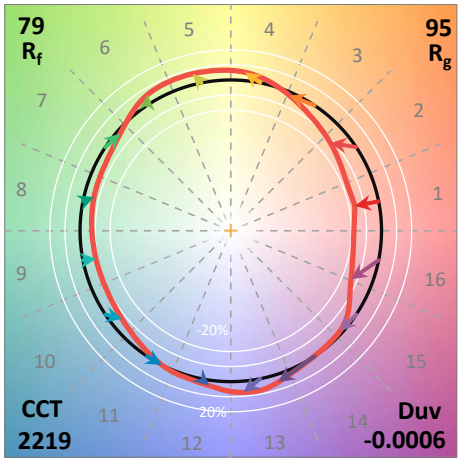
Spectral Power Distribution Comparison

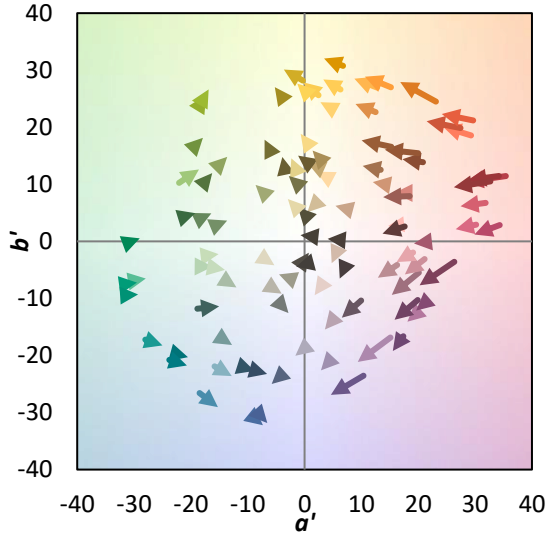


Color Vector Graphics







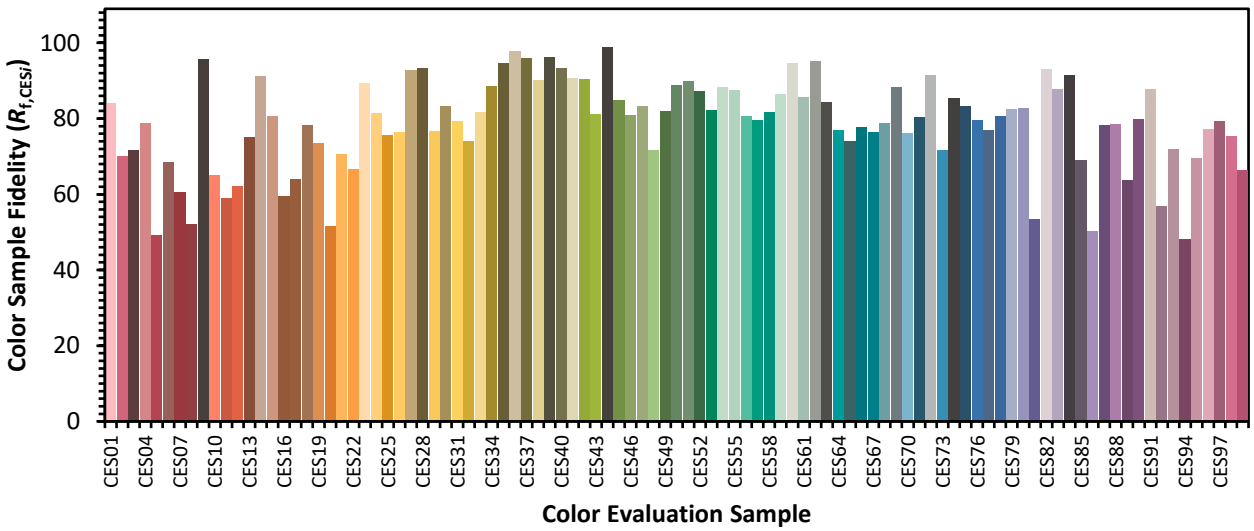


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Individual Sample Fidelity Index ($R_{f,i}$)

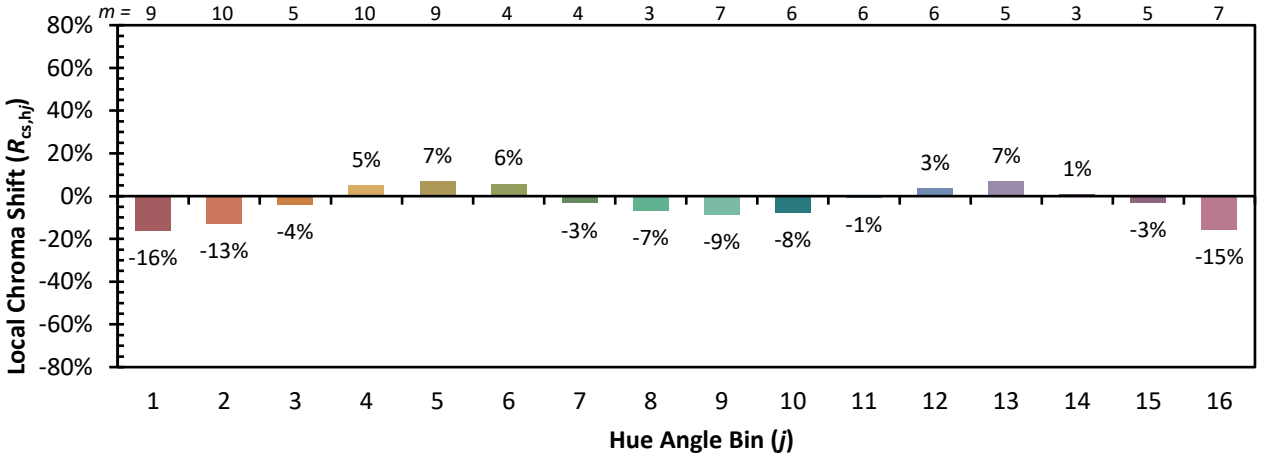
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82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

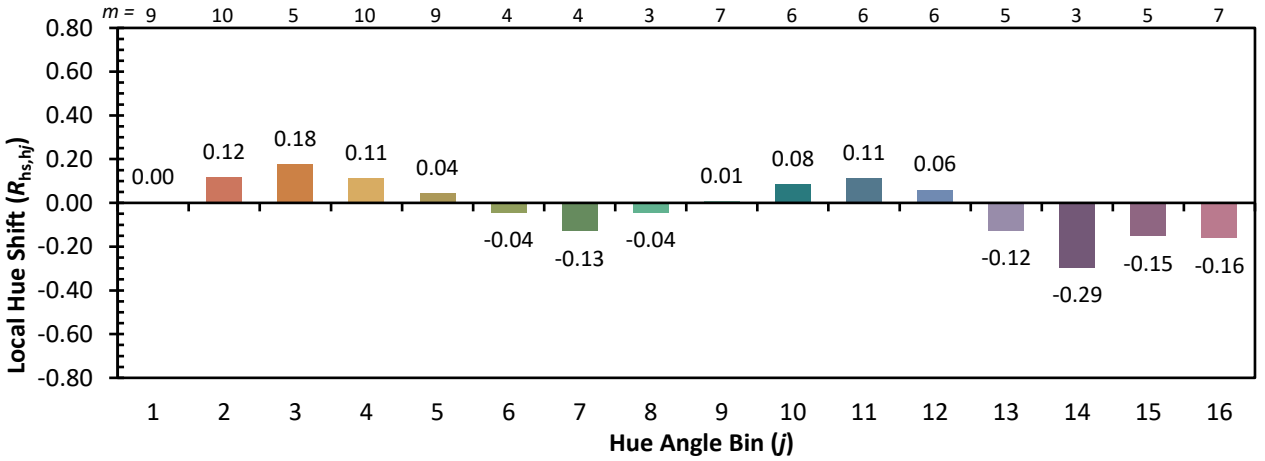


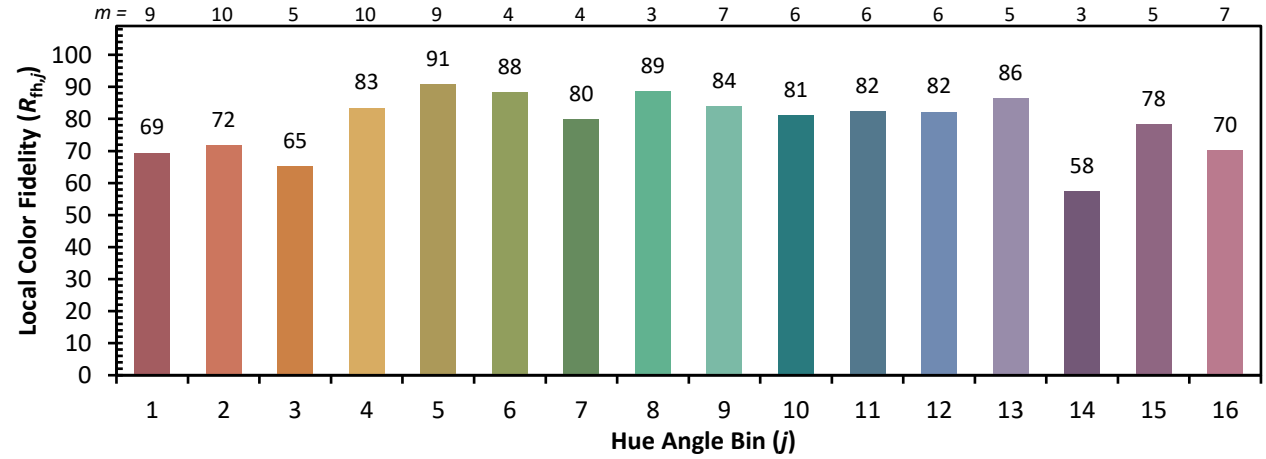
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Color Rendition by Hue-Angle Bin



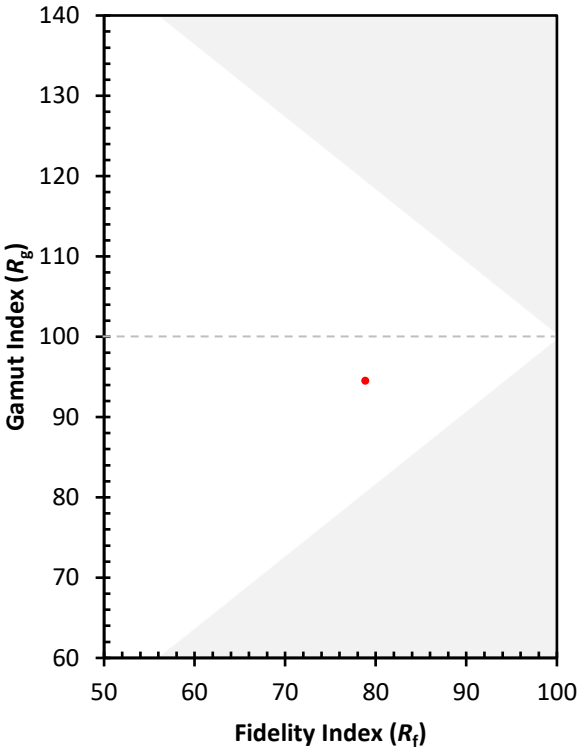


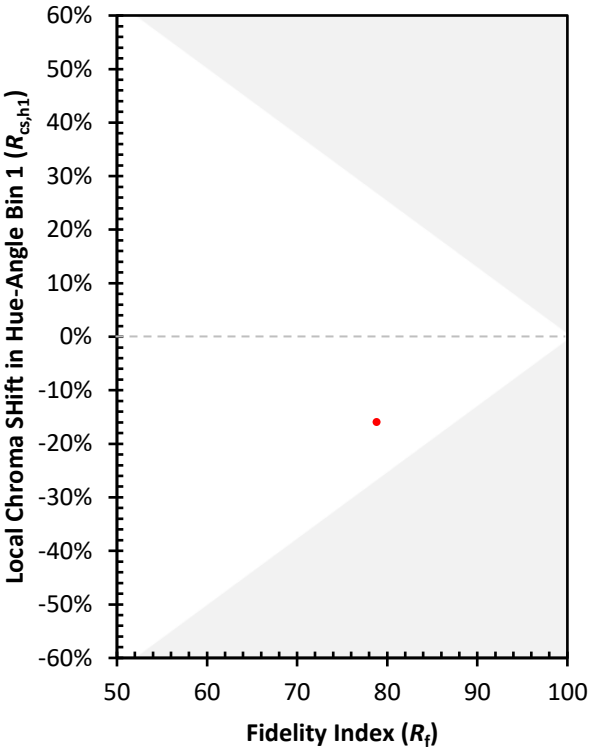


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Measure Comparisons





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