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: P981256

Luminaire Tested: **FFX-CLB-70-740-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:	P981256
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-70-740-U-VM8-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source:	(6) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12050.5 lumens
Efficiency:	N/A
Efficacy:	169.2 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):	71.2
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.93%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

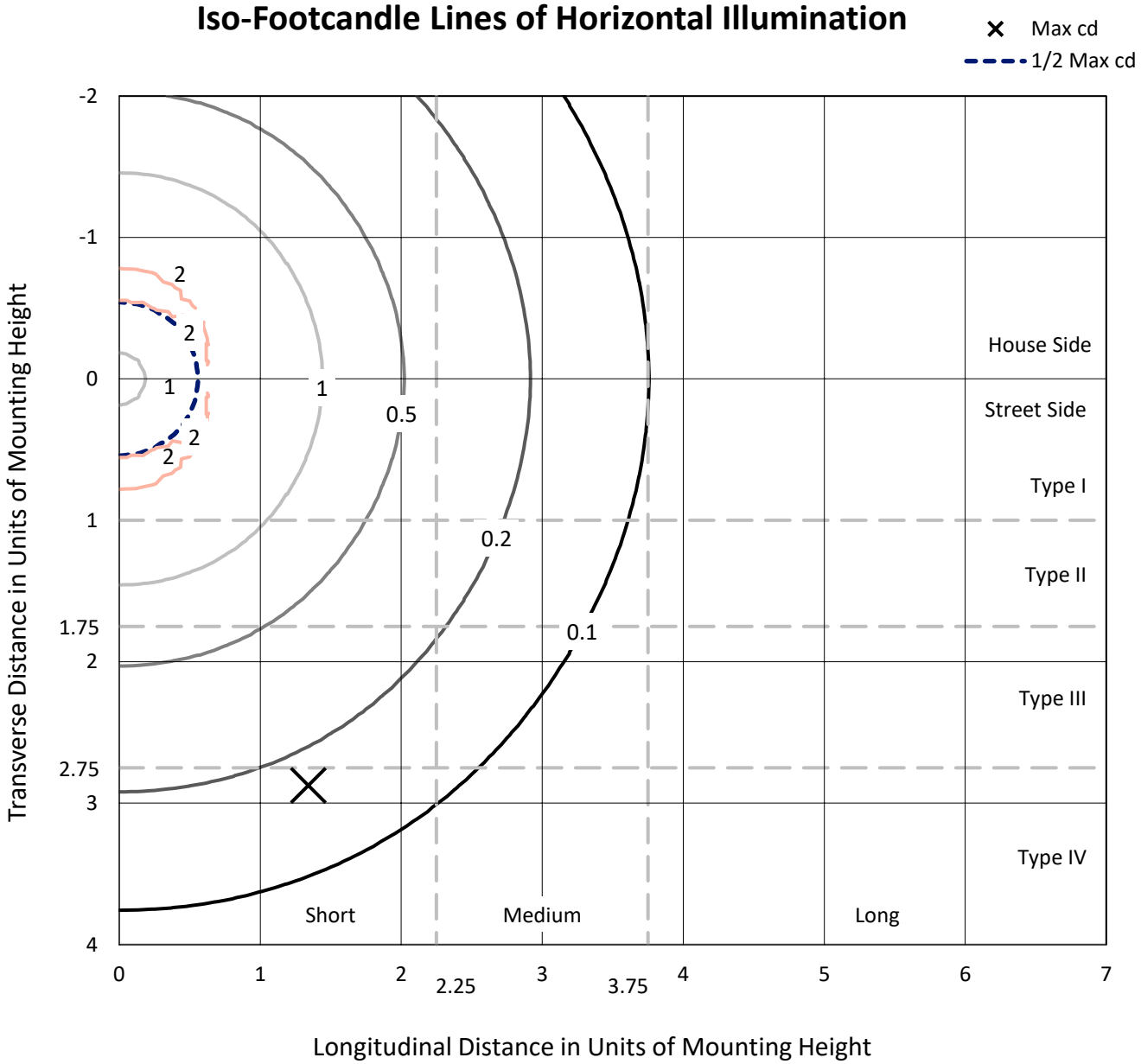


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REPORT NUMBER: P981256
CATALOG NUMBER: FFX-CLB-70-740-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



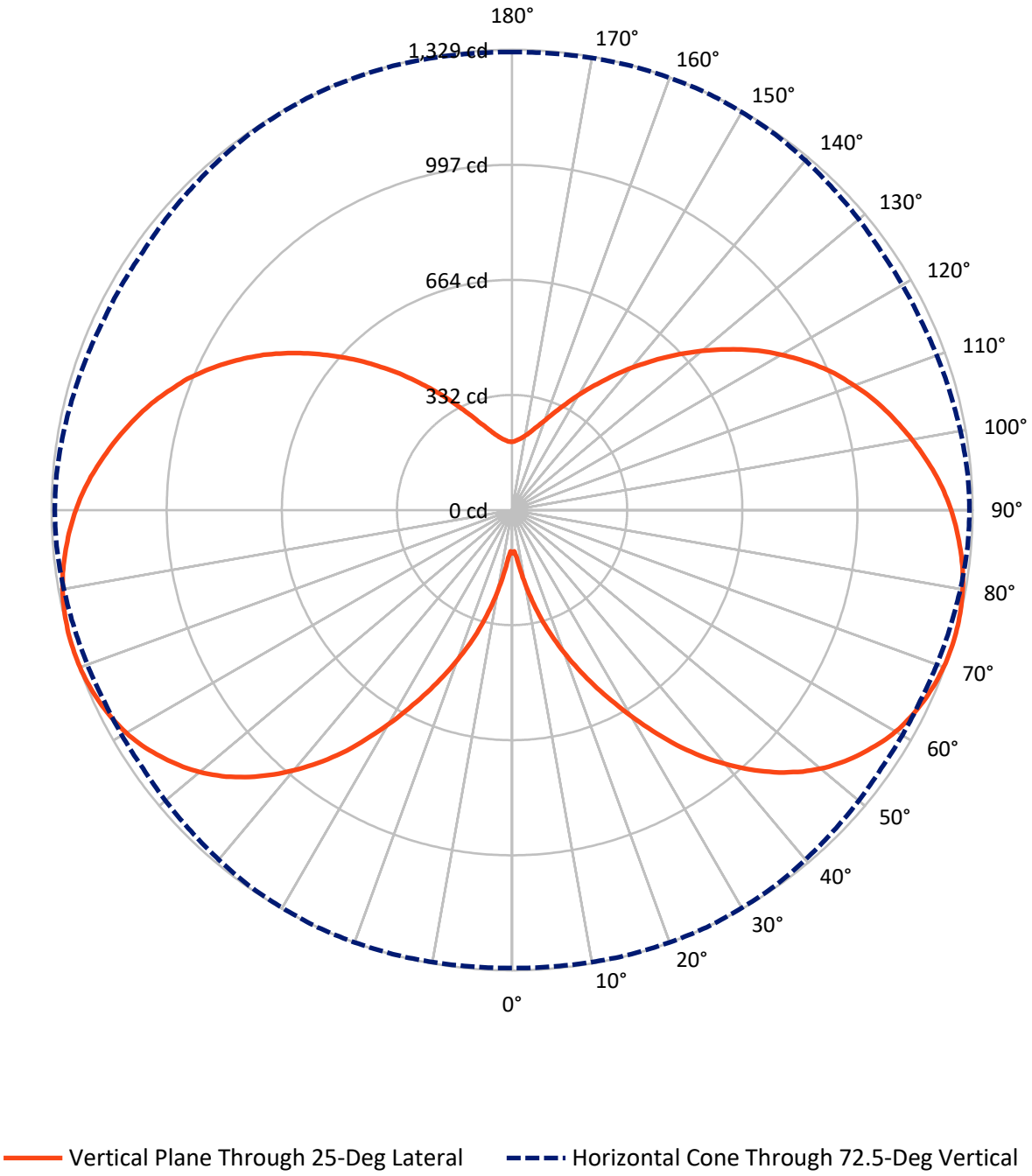
Based on 15 foot mounting height. Maximum calculated value = 2.1 fc
Type V - Short - N/A

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REPORT NUMBER: P981256
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Luminous Intensity Polar Plot



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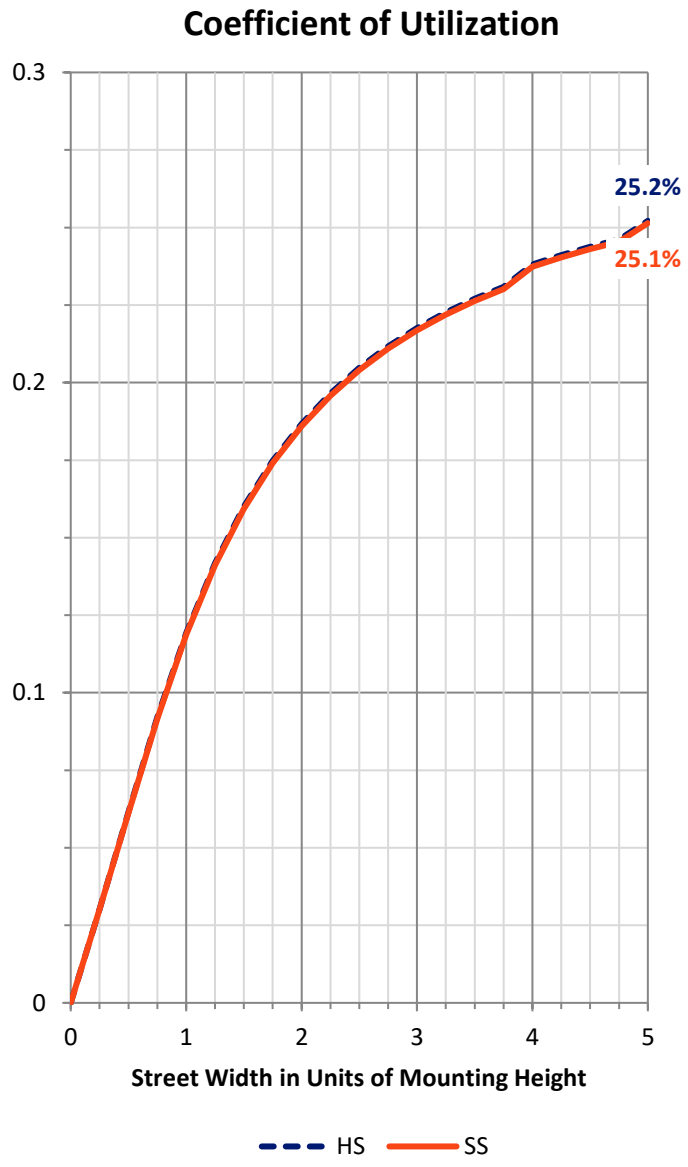
REPORT NUMBER: P981256
CATALOG NUMBER: FFX-CLB-70-740-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3447.2	2578.1	6025.3
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	3447.2	2578.1	6025.3
	% Fixture	28.6	21.4	50.0
Total	Lumens	6894.4	5156.1	12050.5
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.1	0.1
10°-20°	98.0	0.8
20°-30°	265.3	2.2
30°-40°	523.8	4.3
40°-50°	825.3	6.8
50°-60°	1093.5	9.1
60°-70°	1285.7	10.7
70°-80°	1389.1	11.5
80°-90°	1397.6	11.6
90°-100°	1316.0	10.9
100°-110°	1163.2	9.7
110°-120°	958.9	8.0
120°-130°	716.8	5.9
130°-140°	478.6	4.0
140°-150°	284.3	2.4
150°-160°	149.6	1.2
160°-170°	69.0	0.6
170°-180°	19.8	0.2
0°-90°	6894.4	57.2
0°-180°	12050.5	100.0



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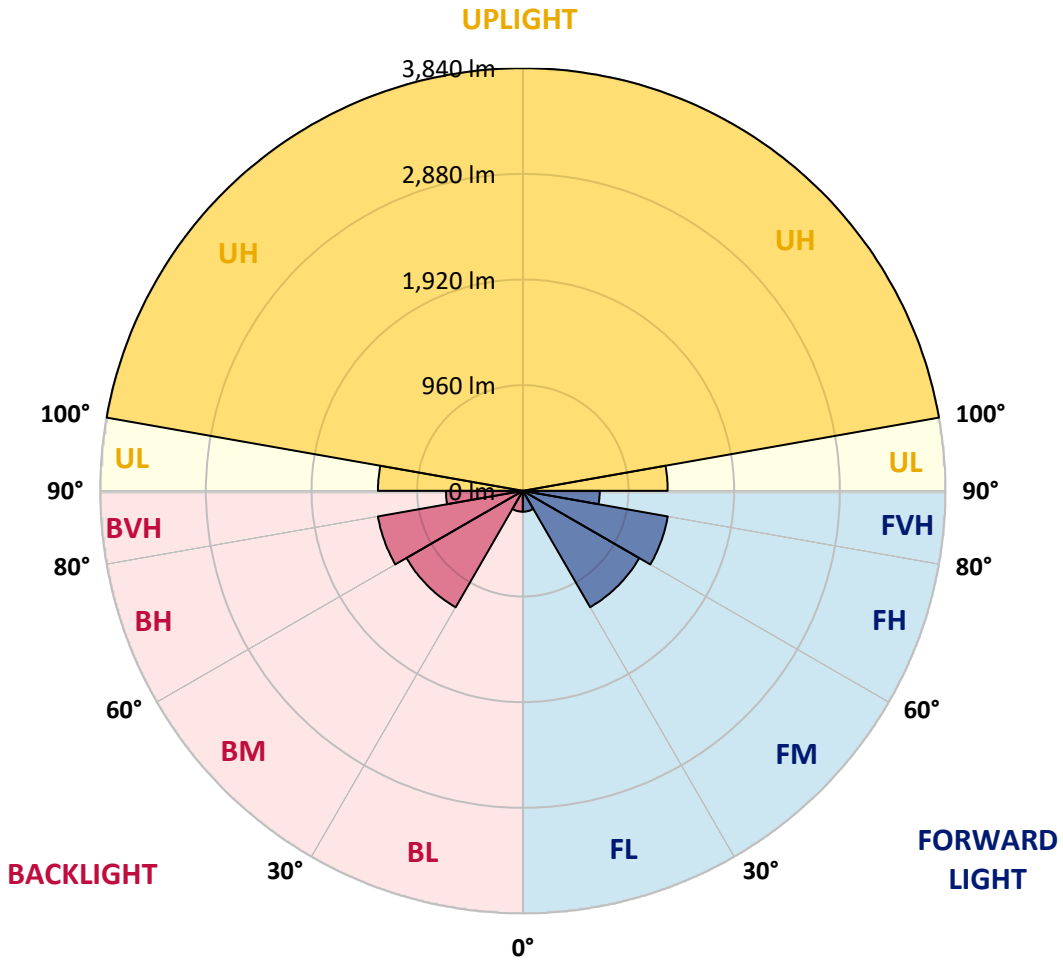
Scaled Data Report

REPORT NUMBER: P981256
CATALOG NUMBER: FFX-CLB-70-740-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	189.7	1.6			
FM	(30°-60°)	1221.3	10.1			
FH	(60°-80°)	1337.4	11.1			G1/1800
FVH	(80°-90°)	698.8	5.8			G4/750
BL	(0°-30°)	189.7	1.6	B1/500		
BM	(30°-60°)	1221.3	10.1	B2/2500		
BH	(60°-80°)	1337.4	11.1	B3/2500		G1/1800
BVH	(80°-90°)	698.8	5.8			G4/750
UL	(90°-100°)	1316.0	10.9		U5	
UH	(100°-180°)	3840.1	31.9		U5	

BUG Rating: B3-U5-G4
Type V Short



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REPORT NUMBER: P981256
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	125.2	125.2	125.2	*125.2*	125.2	125.2	125.2	125.2	125.2	125.2	125.2
2.5°	117.6	117.6	118.4	*119.2*	119.9	120.7	121.4	122.2	122.9	122.2	122.2
5°	135.7	137.3	137.3	*137.3*	136.5	137.3	138.8	138.8	140.3	139.5	138.8
7.5°	174.2	178.0	178.0	*177.2*	176.5	177.2	176.5	176.5	176.5	175.7	177.2
10°	227.0	225.5	226.2	*225.5*	224.0	224.7	225.5	224.0	224.0	224.0	224.0
12.5°	278.3	277.5	279.8	*279.0*	279.8	277.5	279.0	277.5	277.5	275.3	276.0
15°	338.6	338.6	337.9	*335.6*	336.4	333.3	334.8	334.1	331.8	331.8	331.1
17.5°	394.4	393.7	394.4	*391.4*	391.4	390.7	389.1	388.4	388.4	386.1	385.4
20°	450.2	448.7	448.0	*448.0*	445.7	445.7	444.2	441.2	439.7	440.4	438.9
22.5°	510.6	507.5	507.5	*507.5*	503.0	501.5	500.8	497.7	497.7	495.5	495.5
25°	570.9	571.7	571.7	*568.6*	566.4	563.4	561.8	559.6	557.3	556.6	557.3
27.5°	637.3	638.8	636.5	*631.2*	630.5	627.5	623.7	620.7	621.4	617.7	620.7
30°	709.7	706.6	702.1	*700.6*	697.6	694.6	691.6	685.5	686.3	684.8	685.5
32.5°	776.0	776.0	774.5	*770.0*	767.7	760.9	757.9	750.4	751.1	750.4	747.4
35°	848.4	846.2	843.1	*842.4*	834.9	830.3	825.0	816.8	818.3	817.5	818.3
37.5°	909.5	910.3	911.8	*908.0*	901.2	895.2	889.2	883.1	881.6	882.4	880.9
40°	975.9	975.1	973.6	*969.1*	963.8	957.0	949.5	945.7	941.2	944.2	943.4
42.5°	1030.2	1032.4	1031.7	*1027.2*	1020.4	1013.6	1007.6	1001.5	999.3	998.5	998.5
45°	1083.0	1083.7	1081.5	*1080.7*	1071.7	1065.6	1058.1	1052.8	1051.3	1051.3	1053.6
47.5°	1132.0	1131.2	1129.7	*1128.2*	1121.4	1112.4	1103.3	1099.6	1098.8	1100.3	1101.1
50°	1171.2	1172.7	1172.0	*1169.7*	1162.9	1154.6	1144.8	1141.0	1141.8	1143.3	1144.1
52.5°	1206.6	1206.6	1207.4	*1204.4*	1198.4	1189.3	1180.3	1177.2	1177.2	1179.5	1178.0
55°	1233.8	1235.3	1236.1	*1233.8*	1230.0	1219.5	1210.4	1205.1	1207.4	1209.7	1210.4
57.5°	1259.4	1260.9	1260.9	*1260.9*	1254.9	1245.1	1236.1	1231.5	1234.6	1238.3	1239.1
60°	1279.8	1280.6	1282.8	*1282.8*	1277.5	1266.2	1256.4	1252.7	1256.4	1261.7	1260.9
62.5°	1294.9	1294.9	1297.9	*1298.7*	1293.4	1282.1	1272.3	1269.2	1273.8	1279.8	1282.1
65°	1307.7	1308.5	1310.7	*1311.5*	1307.0	1294.1	1283.6	1282.8	1288.9	1294.9	1295.6
67.5°	1314.5	1315.2	1319.0	*1320.5*	1315.2	1302.4	1292.6	1290.4	1298.7	1306.2	1307.0
70°	1319.0	1320.5	1325.1	*1326.6*	1321.3	1307.7	1297.1	1296.4	1305.4	1313.7	1314.5
72.5°	*1322.0*	*1322.8*	*1327.3*	*1328.8*	*1323.5*	*1310.7*	*1300.2*	*1300.2*	*1308.5*	*1318.3*	*1319.8*
75°	1322.0	1322.8	1326.6	*1328.8*	1323.5	1310.0	1298.7	1298.7	1310.0	1319.8	1322.0
77.5°	1316.0	1318.3	1322.8	*1325.1*	1319.8	1306.2	1295.6	1295.6	1307.0	1317.5	1319.8
80°	1310.0	1310.7	1316.0	*1319.0*	1313.0	1300.2	1288.9	1288.9	1300.9	1312.2	1313.7
82.5°	1300.2	1300.9	1306.2	*1309.2*	1303.9	1290.4	1279.0	1279.8	1291.1	1302.4	1303.9
85°	1286.6	1288.1	1293.4	*1295.6*	1291.1	1276.8	1266.2	1267.0	1279.0	1289.6	1291.1
87.5°	1272.3	1272.3	1278.3	*1280.6*	1276.0	1261.7	1251.1	1251.1	1263.2	1274.5	1275.3
90°	1252.7	1254.2	1259.4	*1263.2*	1257.2	1245.1	1233.8	1233.8	1245.1	1255.7	1258.7
92.5°	1234.6	1235.3	1240.6	*1242.8*	1237.6	1224.7	1214.9	1214.9	1226.3	1236.8	1238.3
95°	1212.7	1212.7	1216.5	*1219.5*	1213.4	1202.9	1193.8	1193.8	1202.9	1211.9	1213.4
97.5°	1189.3	1189.3	1193.8	*1193.1*	1188.5	1177.2	1169.7	1168.9	1178.0	1185.5	1187.8
100°	1162.9	1164.4	1167.4	*1166.7*	1162.9	1151.6	1144.8	1144.8	1151.6	1158.4	1159.9
102.5°	1137.3	1137.3	1138.8	*1138.0*	1132.7	1122.9	1119.2	1118.4	1124.4	1129.0	1129.7
105°	1110.9	1110.9	1109.4	*1109.4*	1102.6	1095.0	1090.5	1090.5	1095.8	1098.8	1098.8
107.5°	1080.7	1079.2	1080.7	*1078.4*	1071.7	1064.1	1061.9	1061.1	1063.4	1066.4	1064.9
110°	1049.8	1049.0	1048.3	*1043.8*	1038.5	1033.9	1030.2	1030.2	1032.4	1033.2	1033.2

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Scaled Data Report

REPORT NUMBER: P981256
CATALOG NUMBER: FFX-CLB-70-740-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1017.4	1016.6	1014.3	*1010.6*	1004.5	1000.0	997.0	997.0	997.7	997.0	995.5
115°	981.9	980.4	978.1	*971.4*	965.3	962.3	960.8	962.3	961.5	959.3	959.3
117.5°	943.4	941.9	938.2	*930.6*	925.3	923.1	923.8	923.1	921.6	919.3	920.1
120°	900.5	900.5	894.4	*888.4*	883.9	883.9	883.1	883.1	880.9	877.8	876.3
122.5°	856.0	856.0	850.7	*845.4*	840.1	840.1	840.9	840.1	838.6	835.6	834.1
125°	813.0	809.2	804.7	*798.7*	794.9	794.1	796.4	797.1	794.1	790.4	791.1
127.5°	765.5	763.2	758.7	*751.9*	748.9	748.1	750.4	751.9	748.1	745.9	745.1
130°	715.7	714.2	710.4	*705.1*	702.1	702.9	705.1	707.4	703.6	701.4	699.9
132.5°	666.7	666.7	664.4	*659.1*	655.4	658.4	659.9	661.4	657.6	656.9	656.1
135°	622.2	621.4	616.9	*613.9*	610.9	611.6	614.6	613.9	613.1	611.6	610.1
137.5°	576.2	576.2	573.9	*568.6*	568.6	569.4	570.9	570.9	571.7	568.6	569.4
140°	533.2	532.4	530.9	*527.2*	524.9	526.4	527.9	528.7	528.7	525.6	526.4
142.5°	492.5	491.7	487.2	*484.9*	484.9	485.7	486.4	487.2	487.2	485.7	486.4
145°	448.7	450.2	448.0	*445.7*	445.7	445.7	448.0	448.7	449.5	448.0	448.0
147.5°	412.5	414.0	411.8	*410.3*	410.3	410.3	411.8	412.5	411.0	411.8	411.8
150°	378.6	378.6	377.1	*376.3*	375.6	376.3	377.8	378.6	378.6	377.1	377.1
152.5°	346.2	345.4	344.6	*344.6*	344.6	344.6	346.2	346.2	346.9	346.9	345.4
155°	318.3	317.5	317.5	*316.7*	317.5	317.5	317.5	318.3	318.3	319.0	319.8
157.5°	292.6	291.9	292.6	*292.6*	292.6	293.4	293.4	294.1	292.6	293.4	294.1
160°	271.5	272.3	271.5	*270.7*	270.7	271.5	271.5	272.3	272.3	271.5	272.3
162.5°	253.4	253.4	252.6	*253.4*	254.2	253.4	253.4	254.2	254.2	254.2	254.2
165°	239.1	238.3	238.3	*238.3*	238.3	238.3	239.1	239.1	239.1	239.1	239.8
167.5°	226.2	225.5	225.5	*225.5*	226.2	226.2	226.2	227.0	227.0	227.0	226.2
170°	216.4	215.7	215.7	*215.7*	216.4	216.4	216.4	216.4	216.4	216.4	216.4
172.5°	208.1	208.1	208.1	*208.1*	208.1	208.1	208.1	208.1	208.1	208.9	208.1
175°	202.9	202.9	202.9	*202.9*	202.1	202.1	202.9	202.9	202.9	202.9	202.9
177.5°	198.3	198.3	199.1	*198.3*	198.3	198.3	199.1	199.1	199.1	198.3	198.3
180°	196.8	196.8	196.8	*196.8*	196.8	196.8	196.8	196.8	196.8	196.8	196.8

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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: SP1-2501-332-1

Test Date: 03/20/2025

Luminaire Tested: FFX-CLB-100-740-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-740-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

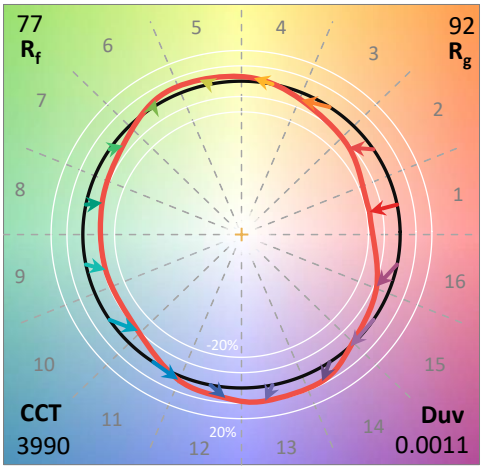
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-1
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-100-740-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3990	CRI (Ra):	73.9		
CIE u':	0.2247	R1:	69.6	R9:	-36.4
CIE v':	0.5031	R2:	83.0	R10:	60.9
Duv:	0.0011	R3:	93.1	R11:	66.8
CIE x:	0.3816	R4:	70.6	R12:	52.5
CIE y:	0.3798	R5:	70.6	R13:	72.5
CIE z:	0.2386	R6:	76.4	R14:	96.4
Peak Wavelength (nm):	450	R7:	79.8	R15:	61.3
Dominant Wavelength (nm):	578	R8:	48.1		
Purity:	28.50862				

Rf:	77.5
Rg:	91.9



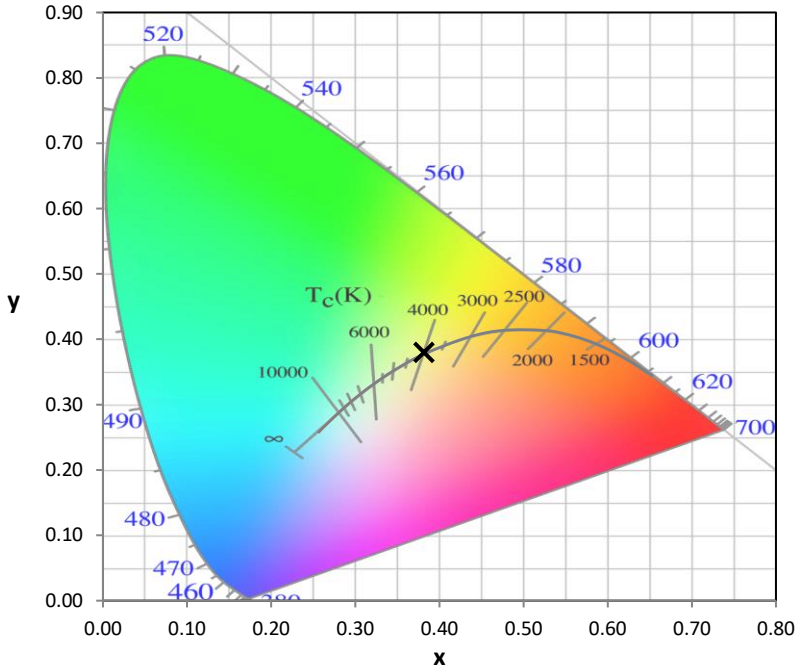
Test Conditions

Stabilization Time:	70M
Operation Time:	2H 10M
Sphere Temperature (°C):	25.0

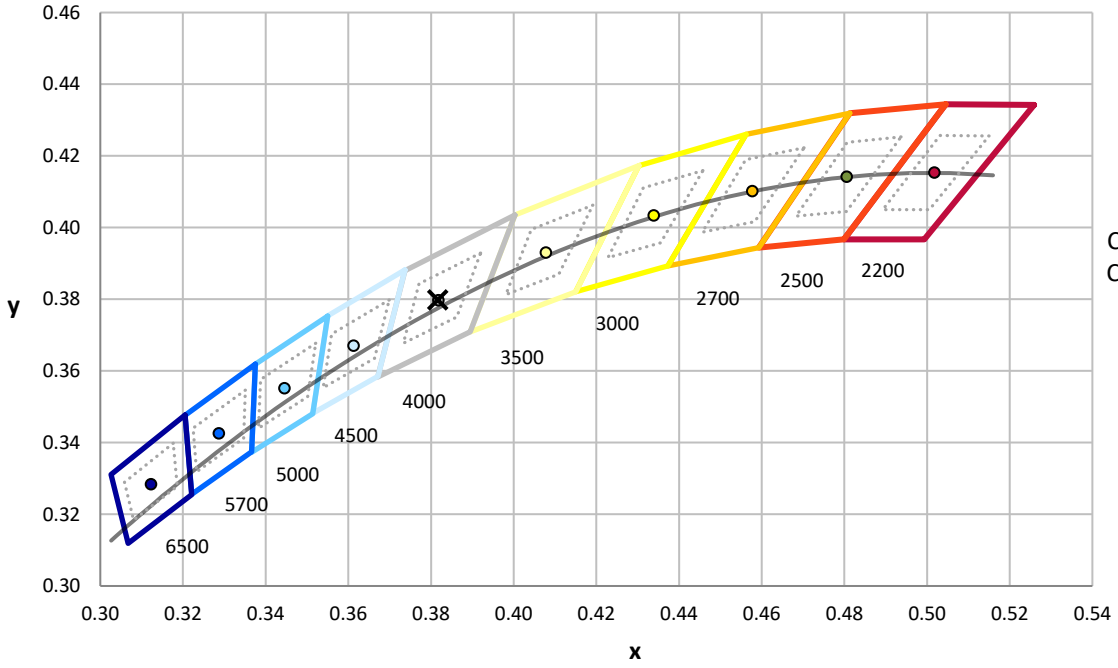
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-1

CIE 1931 Chromaticity Diagram



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

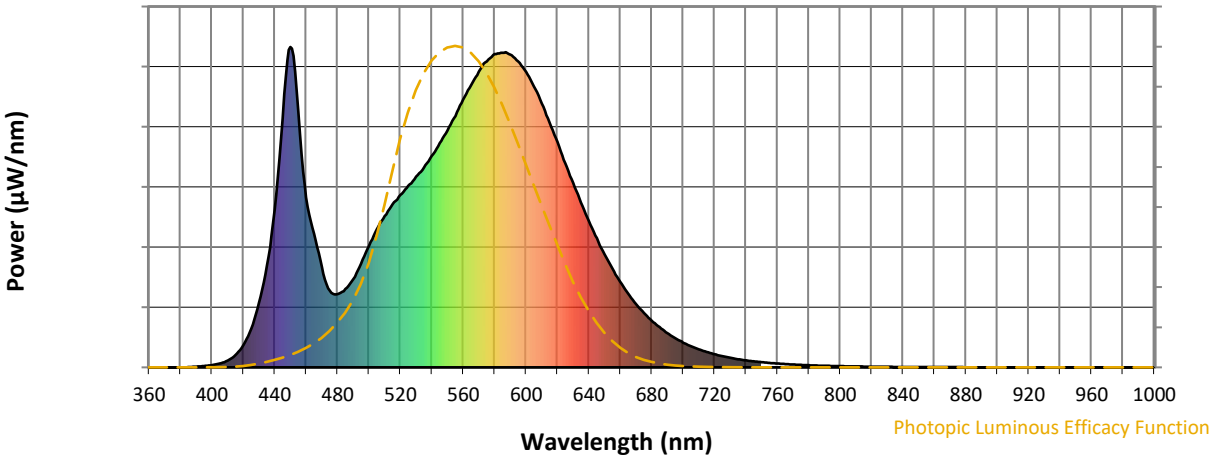


CCT = 3990K
CIE x = 0.3816
CIE y = 0.3798
Duv = 0.0011

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-1

Photopic Flux vs. Wavelength

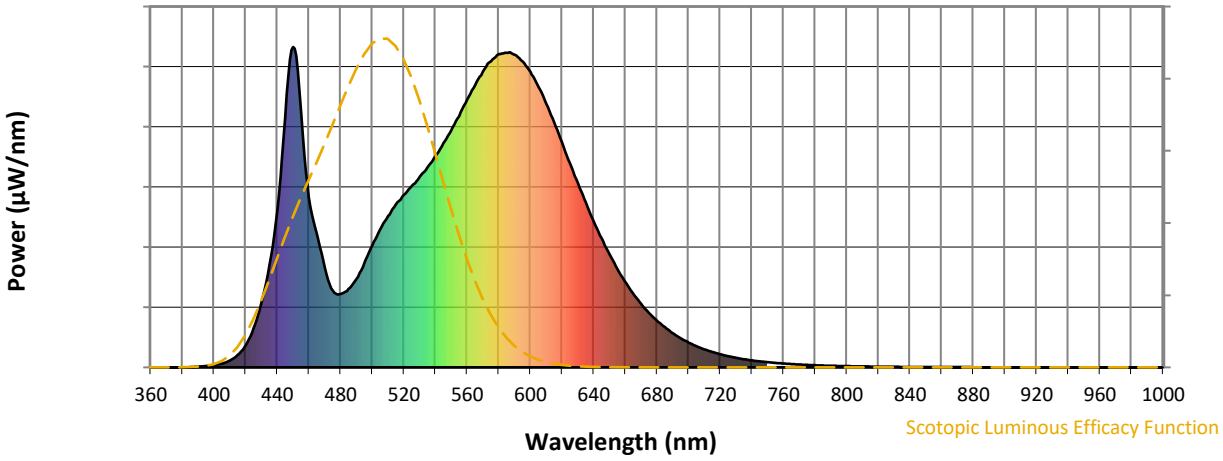


Photopic Lumens: NR

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

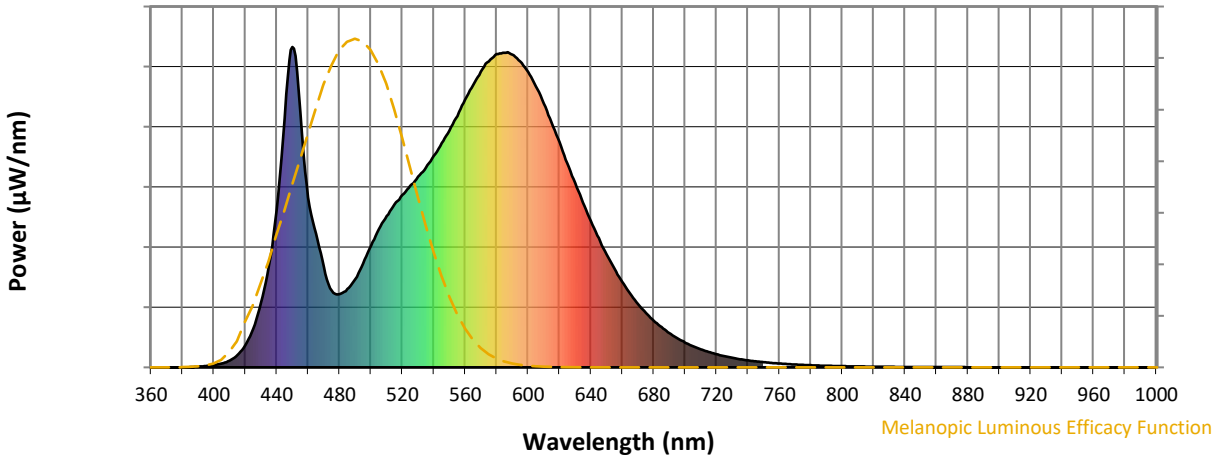


Scotopic Lumens: NR **S/P: 1.59**

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.21**

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

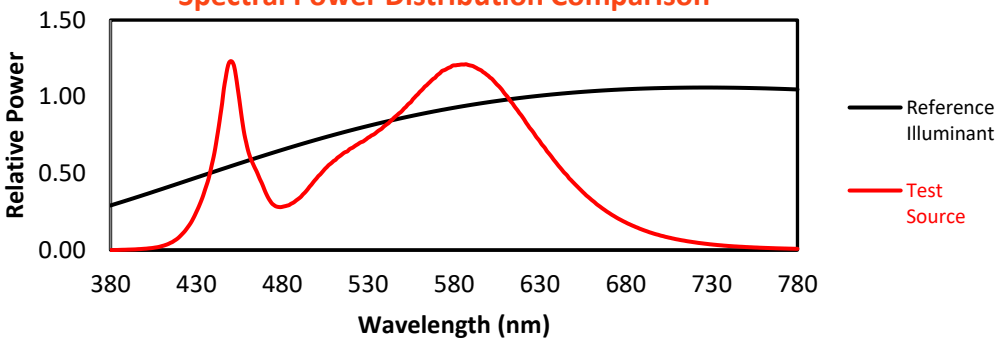
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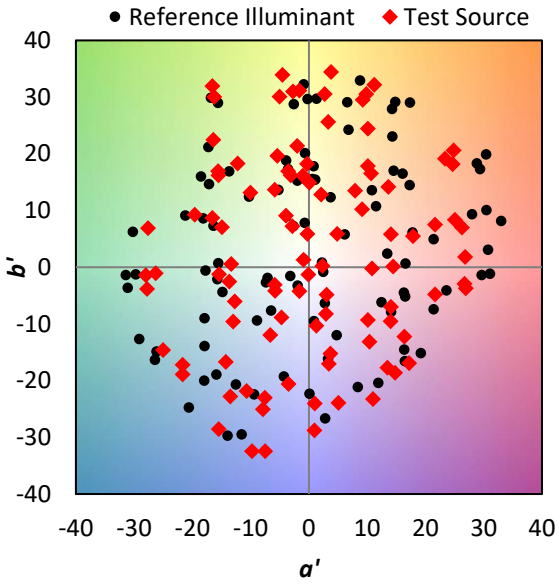
Summary

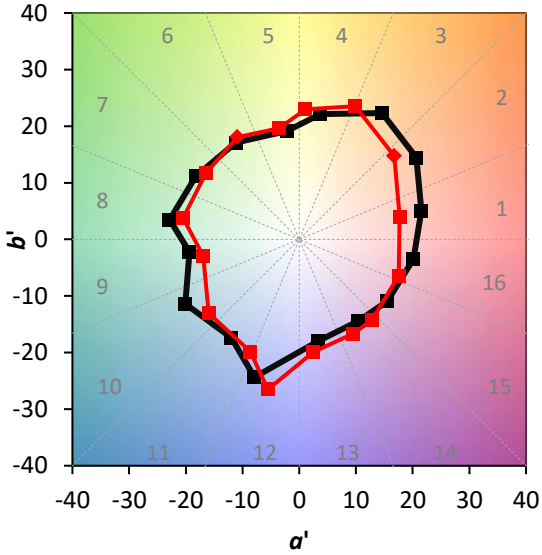
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R_g = 91.9
CIE R_a = 73.9
R_9 = -36.4

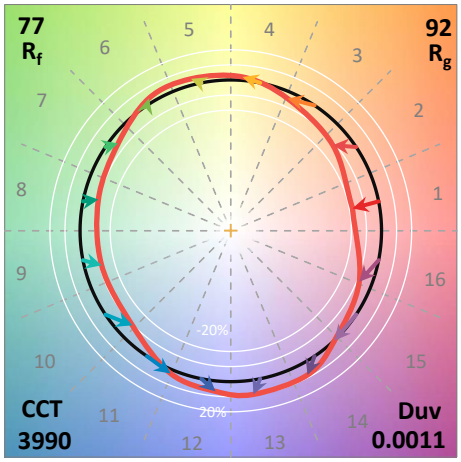
Spectral Power Distribution Comparison

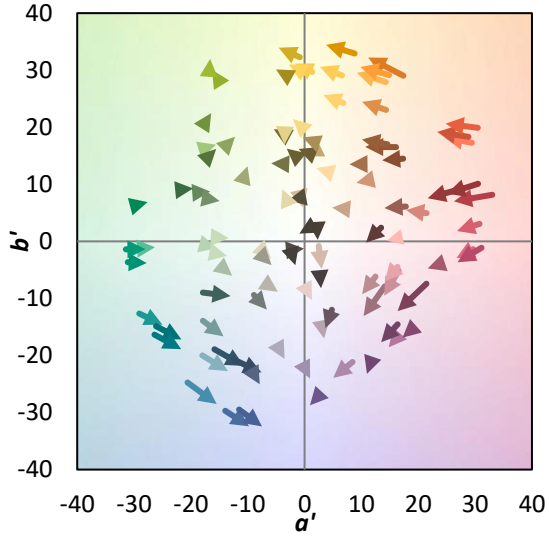


Color Vector Graphics







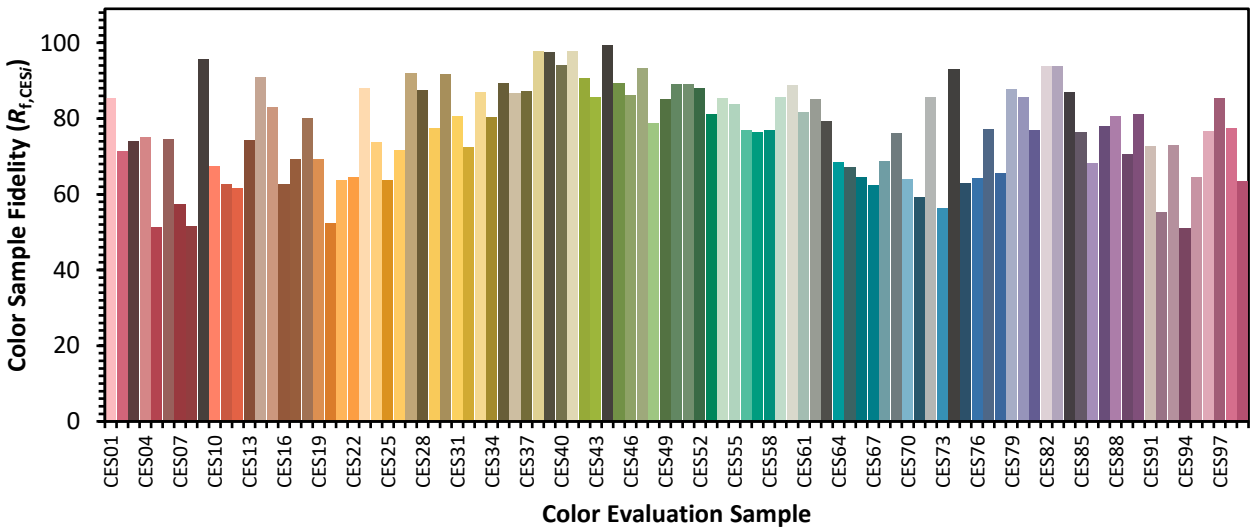


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Individual Sample Fidelity Index ($R_{f,i}$)

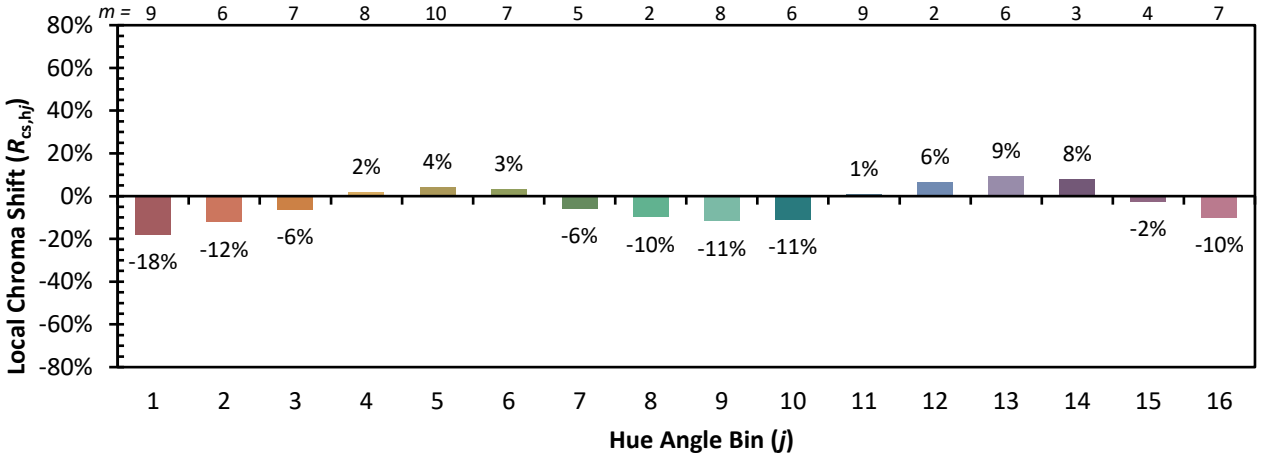
CES01 = 85	CES26 = 72	CES51 = 89	CES76 = 64
CES02 = 61	CES27 = 92	CES52 = 88	CES77 = 77
CES03 = 30	CES28 = 88	CES53 = 81	CES78 = 65
CES04 = 70	CES29 = 78	CES54 = 85	CES79 = 88
CES05 = 47	CES30 = 92	CES55 = 84	CES80 = 86
CES06 = 50	CES31 = 81	CES56 = 77	CES81 = 77
CES07 = 40	CES32 = 72	CES57 = 76	CES82 = 94
CES08 = 39	CES33 = 87	CES58 = 77	CES83 = 94
CES09 = 29	CES34 = 80	CES59 = 86	CES84 = 87
CES10 = 74	CES35 = 89	CES60 = 89	CES85 = 76
CES11 = 57	CES36 = 87	CES61 = 82	CES86 = 68
CES12 = 63	CES37 = 87	CES62 = 85	CES87 = 78
CES13 = 42	CES38 = 98	CES63 = 79	CES88 = 81
CES14 = 74	CES39 = 98	CES64 = 68	CES89 = 71
CES15 = 71	CES40 = 94	CES65 = 67	CES90 = 81
CES16 = 46	CES41 = 98	CES66 = 65	CES91 = 73
CES17 = 49	CES42 = 91	CES67 = 62	CES92 = 55
CES18 = 56	CES43 = 86	CES68 = 69	CES93 = 73
CES19 = 72	CES44 = 99	CES69 = 76	CES94 = 51
CES20 = 65	CES45 = 89	CES70 = 64	CES95 = 65
CES21 = 86	CES46 = 86	CES71 = 59	CES96 = 77
CES22 = 78	CES47 = 93	CES72 = 86	CES97 = 85
CES23 = 92	CES48 = 79	CES73 = 56	CES98 = 77
CES24 = 91	CES49 = 85	CES74 = 93	CES99 = 63
CES25 = 72	CES50 = 89	CES75 = 63	

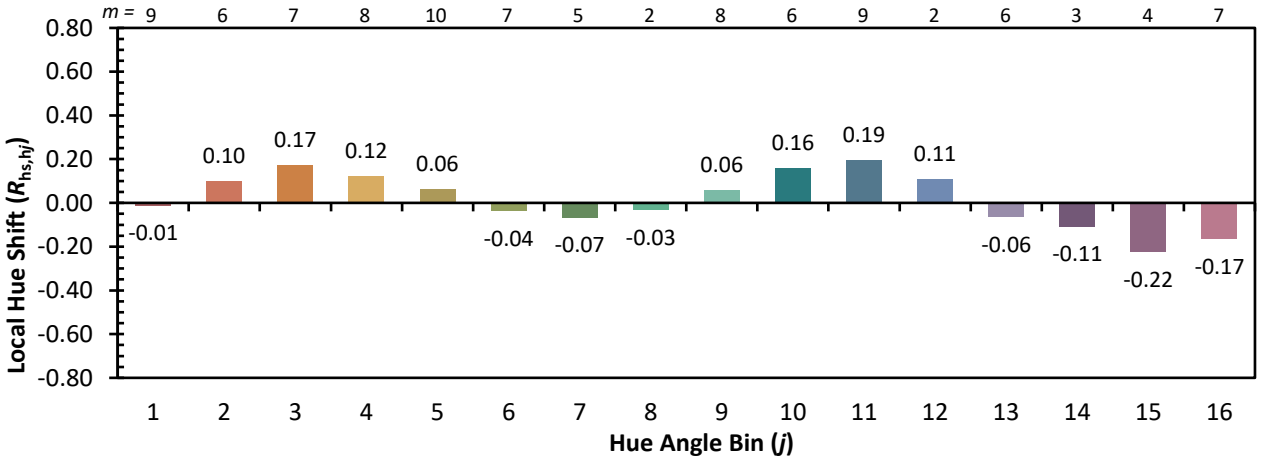


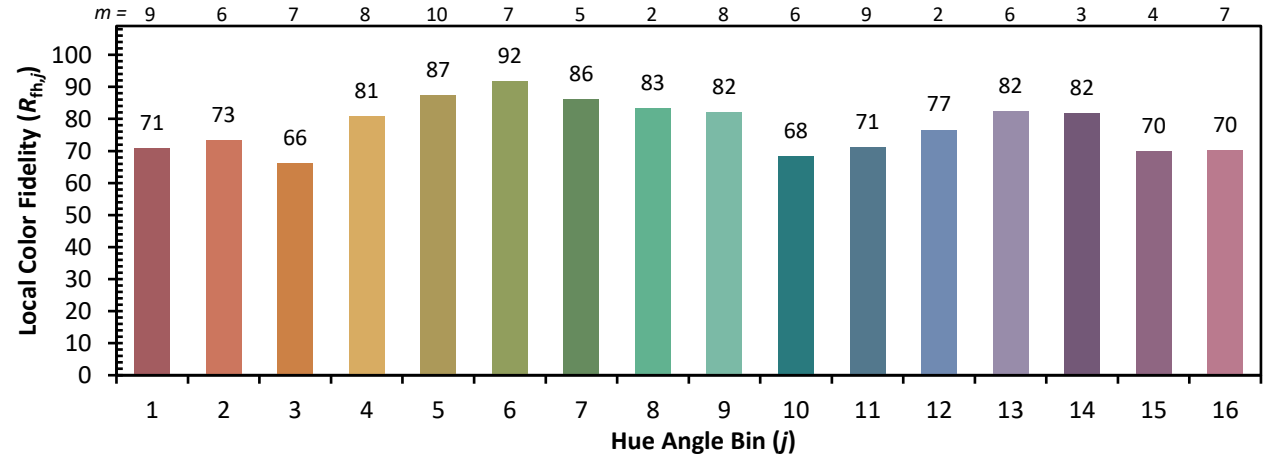
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Color Rendition by Hue-Angle Bin



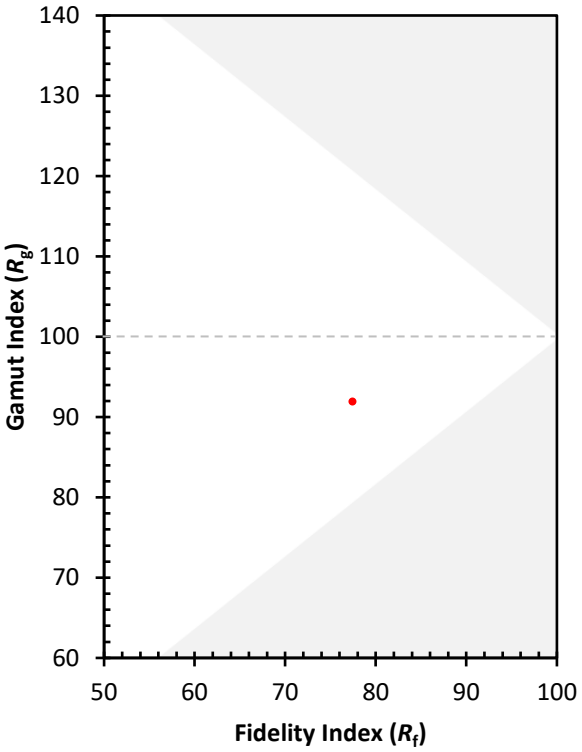


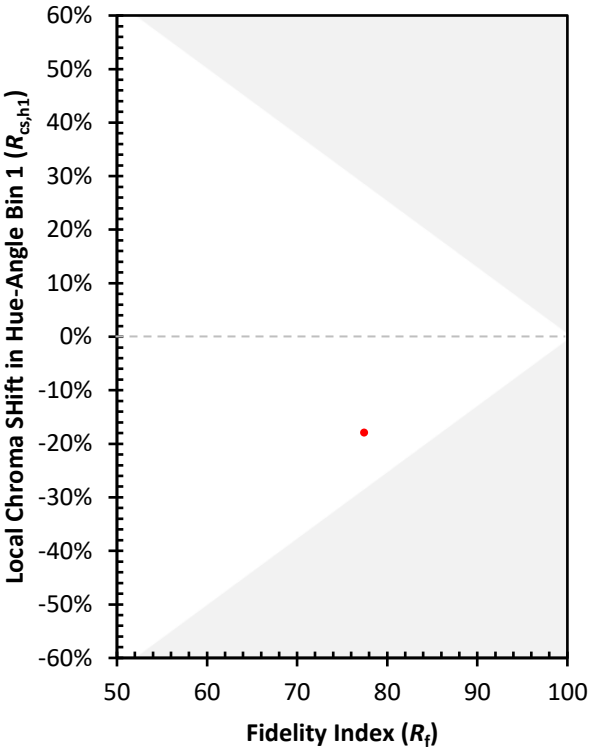


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Measure Comparisons





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