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: P981247

Luminaire Tested: **FFX-CLB-70-730-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:	P981247
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-70-730-U-VM8-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source:	(6) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11448 lumens
Efficiency:	N/A
Efficacy:	160.8 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

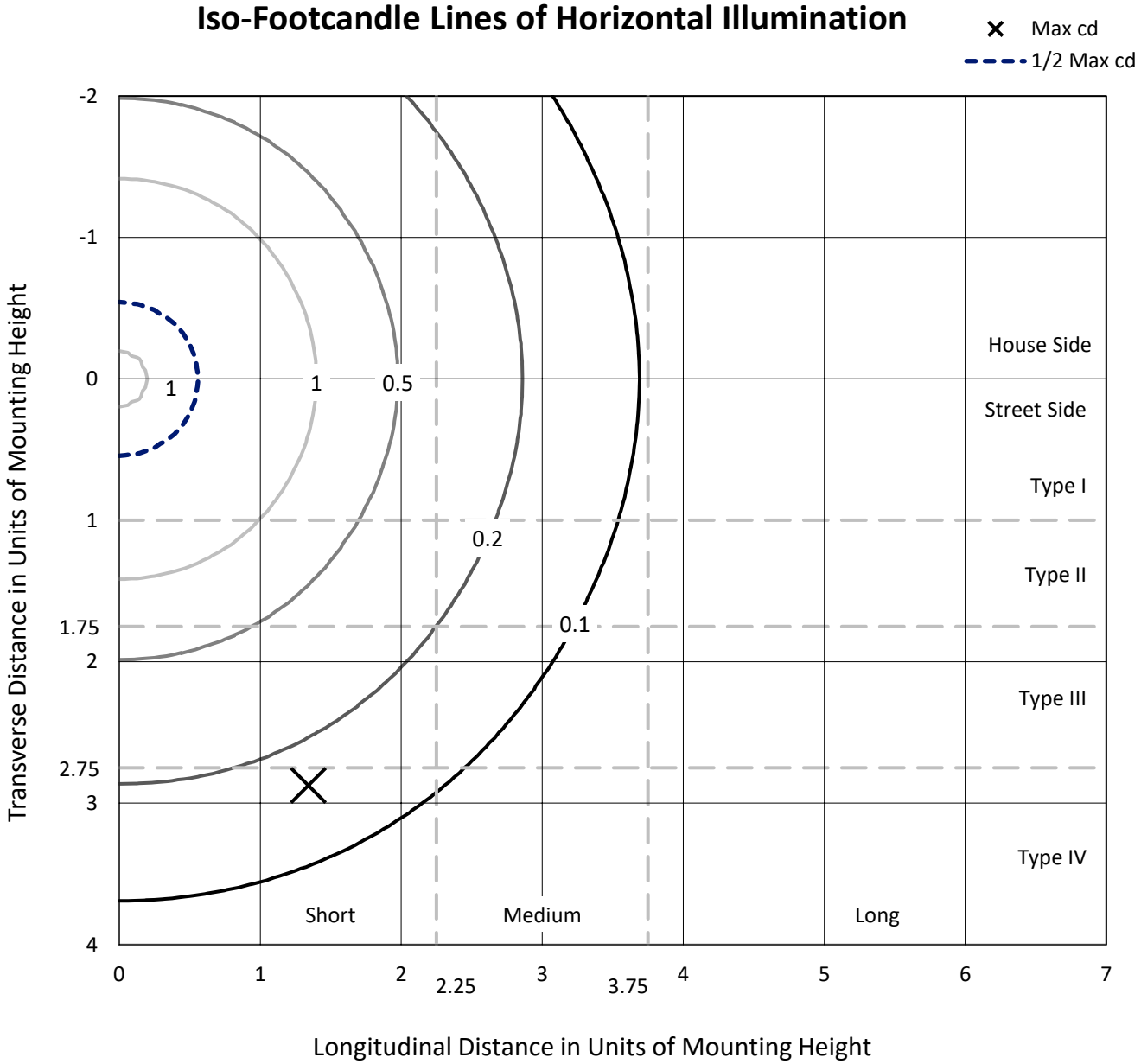


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Scaled Data Report

REPORT NUMBER: P981247
CATALOG NUMBER: FFX-CLB-70-730-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



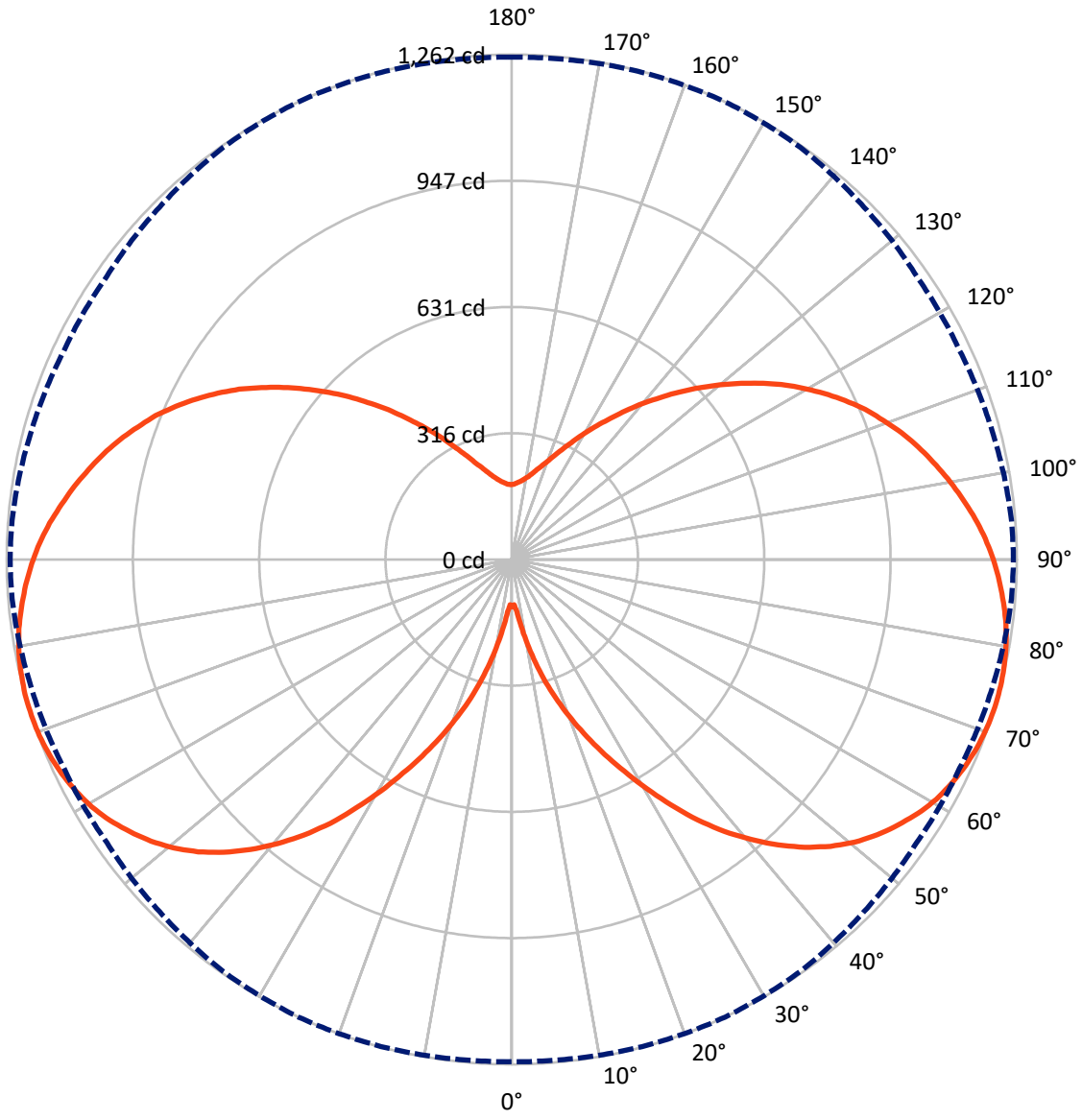
Based on 15 foot mounting height. Maximum calculated value = 2 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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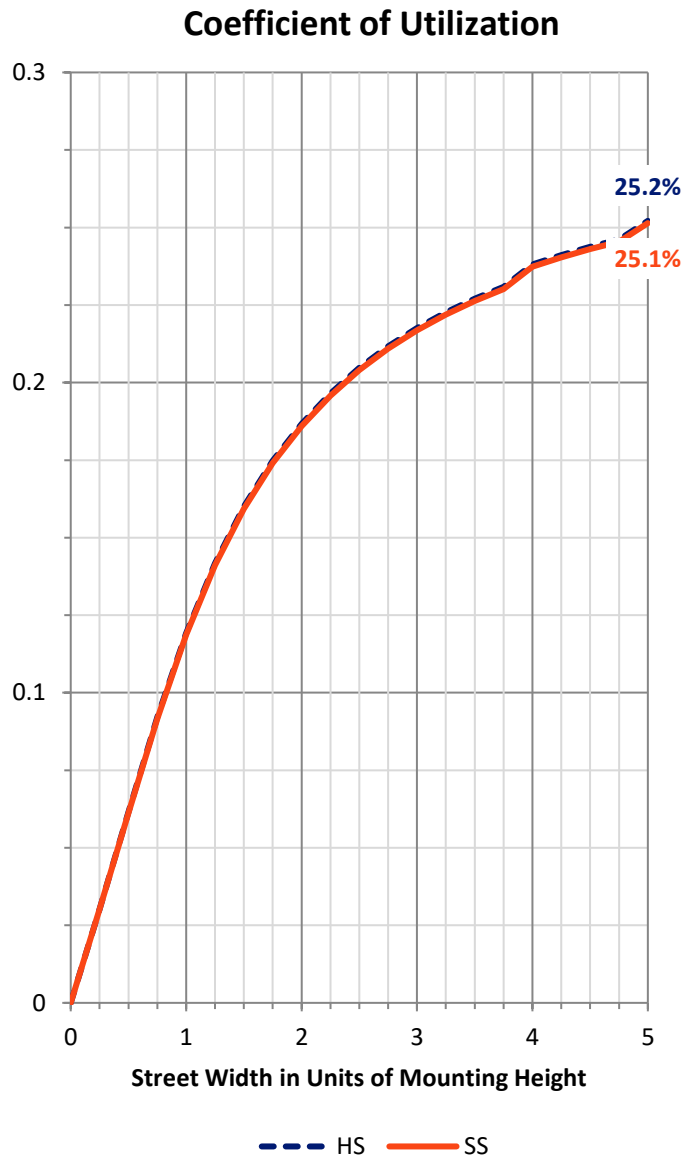
REPORT NUMBER: P981247
CATALOG NUMBER: FFX-CLB-70-730-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3274.9	2449.1	5724.0
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	3274.9	2449.1	5724.0
	% Fixture	28.6	21.4	50.0
Total	Lumens	6549.7	4898.3	11448.0
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.3	0.1
10°-20°	93.1	0.8
20°-30°	252.0	2.2
30°-40°	497.6	4.3
40°-50°	784.0	6.8
50°-60°	1038.8	9.1
60°-70°	1221.4	10.7
70°-80°	1319.6	11.5
80°-90°	1327.8	11.6
90°-100°	1250.2	10.9
100°-110°	1105.0	9.7
110°-120°	910.9	8.0
120°-130°	680.9	5.9
130°-140°	454.6	4.0
140°-150°	270.1	2.4
150°-160°	142.1	1.2
160°-170°	65.5	0.6
170°-180°	18.8	0.2
0°-90°	6549.7	57.2
0°-180°	11448.0	100.0



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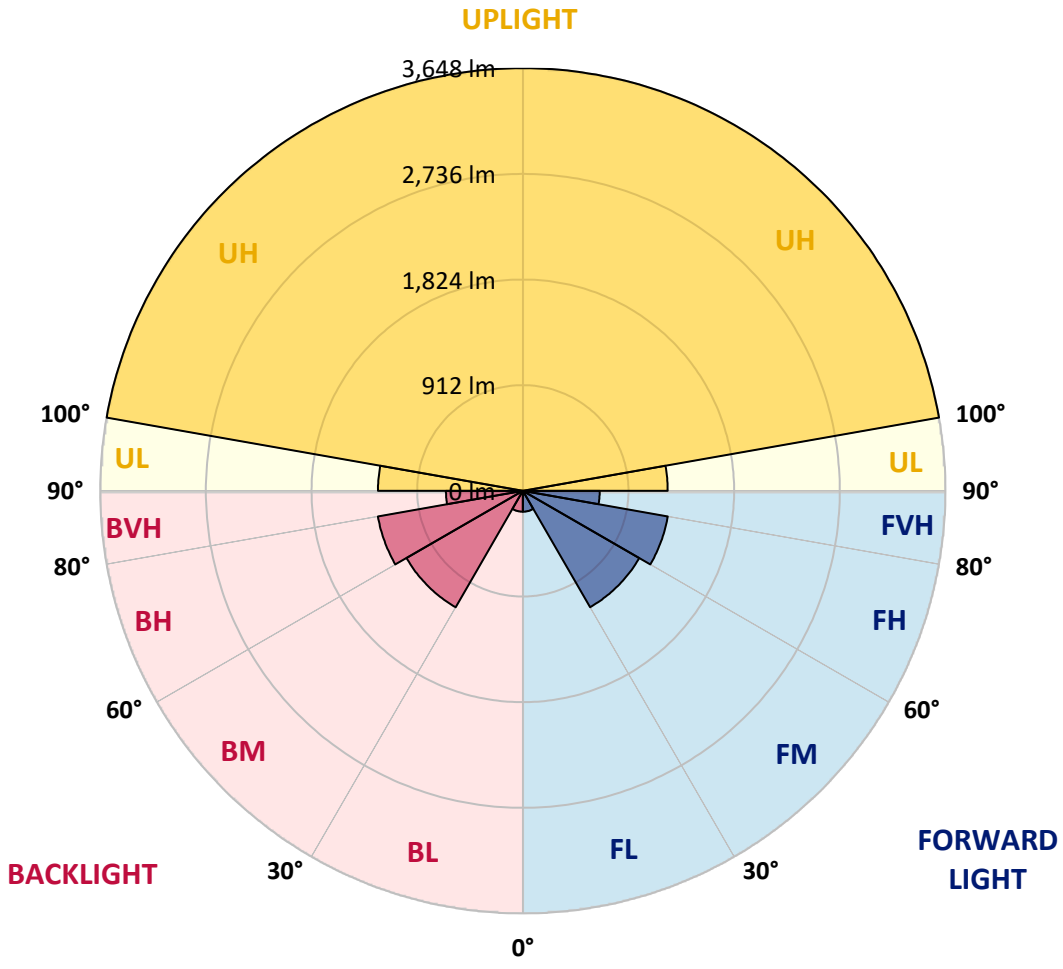
Scaled Data Report

REPORT NUMBER: P981247
CATALOG NUMBER: FFX-CLB-70-730-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	180.2	1.6			
FM	(30°-60°)	1160.2	10.1			
FH	(60°-80°)	1270.5	11.1			G1/1800
FVH	(80°-90°)	663.9	5.8			G4/750
BL	(0°-30°)	180.2	1.6	B1/500		
BM	(30°-60°)	1160.2	10.1	B2/2500		
BH	(60°-80°)	1270.5	11.1	B3/2500		G1/1800
BVH	(80°-90°)	663.9	5.8			G4/750
UL	(90°-100°)	1250.2	10.9		U5	
UH	(100°-180°)	3648.1	31.9		U5	

BUG Rating: B3-U5-G4
Type V Short



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REPORT NUMBER: P981247
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	118.9	118.9	118.9	*118.9*	118.9	118.9	118.9	118.9	118.9	118.9	118.9
2.5°	111.8	111.8	112.5	*113.2*	113.9	114.6	115.3	116.1	116.8	116.1	116.1
5°	129.0	130.4	130.4	*130.4*	129.7	130.4	131.8	131.8	133.3	132.5	131.8
7.5°	165.5	169.1	169.1	*168.4*	167.6	168.4	167.6	167.6	167.6	166.9	168.4
10°	215.7	214.2	214.9	*214.2*	212.8	213.5	214.2	212.8	212.8	212.8	212.8
12.5°	264.4	263.7	265.8	*265.1*	265.8	263.7	265.1	263.7	263.7	261.5	262.2
15°	321.7	321.7	321.0	*318.8*	319.5	316.7	318.1	317.4	315.2	315.2	314.5
17.5°	374.7	374.0	374.7	*371.8*	371.8	371.1	369.7	369.0	369.0	366.8	366.1
20°	427.7	426.3	425.6	*425.6*	423.4	423.4	422.0	419.1	417.7	418.4	417.0
22.5°	485.0	482.2	482.2	*482.2*	477.9	476.4	475.7	472.9	472.9	470.7	470.7
25°	542.4	543.1	543.1	*540.2*	538.1	535.2	533.8	531.6	529.5	528.7	529.5
27.5°	605.4	606.8	604.7	*599.7*	599.0	596.1	592.5	589.6	590.4	586.8	589.6
30°	674.2	671.3	667.0	*665.6*	662.7	659.8	657.0	651.3	652.0	650.5	651.3
32.5°	737.2	737.2	735.8	*731.5*	729.3	722.9	720.0	712.9	713.6	712.9	710.0
35°	806.0	803.9	801.0	*800.3*	793.1	788.8	783.8	775.9	777.3	776.6	777.3
37.5°	864.0	864.8	866.2	*862.6*	856.2	850.4	844.7	839.0	837.5	838.2	836.8
40°	927.1	926.4	924.9	*920.6*	915.6	909.2	902.0	898.4	894.1	897.0	896.3
42.5°	978.7	980.8	980.1	*975.8*	969.4	962.9	957.2	951.4	949.3	948.6	948.6
45°	1028.8	1029.5	1027.4	*1026.7*	1018.1	1012.3	1005.2	1000.2	998.7	998.7	1000.9
47.5°	1075.4	1074.7	1073.2	*1071.8*	1065.4	1056.8	1048.2	1044.6	1043.9	1045.3	1046.0
50°	1112.6	1114.1	1113.4	*1111.2*	1104.8	1096.9	1087.6	1084.0	1084.7	1086.1	1086.9
52.5°	1146.3	1146.3	1147.0	*1144.2*	1138.4	1129.8	1121.2	1118.4	1118.4	1120.5	1119.1
55°	1172.1	1173.5	1174.3	*1172.1*	1168.5	1158.5	1149.9	1144.9	1147.0	1149.2	1149.9
57.5°	1196.5	1197.9	1197.9	*1197.9*	1192.2	1182.9	1174.3	1170.0	1172.8	1176.4	1177.1
60°	1215.8	1216.5	1218.7	*1218.7*	1213.7	1202.9	1193.6	1190.0	1193.6	1198.6	1197.9
62.5°	1230.1	1230.1	1233.0	*1233.7*	1228.7	1218.0	1208.6	1205.8	1210.1	1215.8	1218.0
65°	1242.3	1243.0	1245.2	*1245.9*	1241.6	1229.4	1219.4	1218.7	1224.4	1230.1	1230.9
67.5°	1248.8	1249.5	1253.1	*1254.5*	1249.5	1237.3	1228.0	1225.8	1233.7	1240.9	1241.6
70°	1253.1	1254.5	1258.8	*1260.2*	1255.2	1242.3	1232.3	1231.6	1240.2	1248.1	1248.8
72.5°	*1255.9*	*1256.7*	*1260.9*	*1262.4*	*1257.4*	*1245.2*	*1235.2*	*1235.2*	*1243.0*	*1252.4*	*1253.8*
75°	1255.9	1256.7	1260.2	*1262.4*	1257.4	1244.5	1233.7	1233.7	1244.5	1253.8	1255.9
77.5°	1250.2	1252.4	1256.7	*1258.8*	1253.8	1240.9	1230.9	1230.9	1241.6	1251.6	1253.8
80°	1244.5	1245.2	1250.2	*1253.1*	1247.3	1235.2	1224.4	1224.4	1235.9	1246.6	1248.1
82.5°	1235.2	1235.9	1240.9	*1243.8*	1238.7	1225.8	1215.1	1215.8	1226.6	1237.3	1238.7
85°	1222.3	1223.7	1228.7	*1230.9*	1226.6	1212.9	1202.9	1203.6	1215.1	1225.1	1226.6
87.5°	1208.6	1208.6	1214.4	*1216.5*	1212.2	1198.6	1188.6	1188.6	1200.1	1210.8	1211.5
90°	1190.0	1191.5	1196.5	*1200.1*	1194.3	1182.9	1172.1	1172.1	1182.9	1192.9	1195.8
92.5°	1172.8	1173.5	1178.6	*1180.7*	1175.7	1163.5	1154.2	1154.2	1164.9	1175.0	1176.4
95°	1152.0	1152.0	1155.6	*1158.5*	1152.8	1142.7	1134.1	1134.1	1142.7	1151.3	1152.8
97.5°	1129.8	1129.8	1134.1	*1133.4*	1129.1	1118.4	1111.2	1110.5	1119.1	1126.3	1128.4
100°	1104.8	1106.2	1109.1	*1108.3*	1104.8	1094.0	1087.6	1087.6	1094.0	1100.5	1101.9
102.5°	1080.4	1080.4	1081.8	*1081.1*	1076.1	1066.8	1063.2	1062.5	1068.2	1072.5	1073.2
105°	1055.3	1055.3	1053.9	*1053.9*	1047.4	1040.3	1036.0	1036.0	1041.0	1043.9	1043.9
107.5°	1026.7	1025.2	1026.7	*1024.5*	1018.1	1010.9	1008.8	1008.0	1010.2	1013.1	1011.6
110°	997.3	996.6	995.9	*991.6*	986.5	982.3	978.7	978.7	980.8	981.5	981.5

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Scaled Data Report

REPORT NUMBER: P981247
CATALOG NUMBER: FFX-CLB-70-730-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	966.5	965.8	963.6	*960.0*	954.3	950.0	947.1	947.1	947.9	947.1	945.7
115°	932.8	931.4	929.2	*922.8*	917.1	914.2	912.8	914.2	913.5	911.3	911.3
117.5°	896.3	894.8	891.3	*884.1*	879.1	876.9	877.6	876.9	875.5	873.4	874.1
120°	855.4	855.4	849.7	*844.0*	839.7	839.7	839.0	839.0	836.8	833.9	832.5
122.5°	813.2	813.2	808.2	*803.1*	798.1	798.1	798.8	798.1	796.7	793.8	792.4
125°	772.3	768.7	764.5	*758.7*	755.1	754.4	756.6	757.3	754.4	750.8	751.6
127.5°	727.2	725.0	720.7	*714.3*	711.4	710.7	712.9	714.3	710.7	708.6	707.9
130°	679.9	678.5	674.9	*669.9*	667.0	667.7	669.9	672.0	668.4	666.3	664.9
132.5°	633.3	633.3	631.2	*626.2*	622.6	625.5	626.9	628.3	624.7	624.0	623.3
135°	591.1	590.4	586.1	*583.2*	580.3	581.0	583.9	583.2	582.5	581.0	579.6
137.5°	547.4	547.4	545.2	*540.2*	540.2	540.9	542.4	542.4	543.1	540.2	540.9
140°	506.5	505.8	504.4	*500.8*	498.6	500.1	501.5	502.2	502.2	499.4	500.1
142.5°	467.8	467.1	462.8	*460.7*	460.7	461.4	462.1	462.8	462.8	461.4	462.1
145°	426.3	427.7	425.6	*423.4*	423.4	423.4	425.6	426.3	427.0	425.6	425.6
147.5°	391.9	393.3	391.2	*389.7*	389.7	389.7	391.2	391.9	390.5	391.2	391.2
150°	359.7	359.7	358.2	*357.5*	356.8	357.5	358.9	359.7	359.7	358.2	358.2
152.5°	328.8	328.1	327.4	*327.4*	327.4	327.4	328.8	328.8	329.6	329.6	328.1
155°	302.3	301.6	301.6	*300.9*	301.6	301.6	301.6	302.3	302.3	303.1	303.8
157.5°	278.0	277.3	278.0	*278.0*	278.0	278.7	278.7	279.4	278.0	278.7	279.4
160°	257.9	258.6	257.9	*257.2*	257.2	257.9	257.9	258.6	258.6	257.9	258.6
162.5°	240.7	240.7	240.0	*240.7*	241.4	240.7	240.7	241.4	241.4	241.4	241.4
165°	227.1	226.4	226.4	*226.4*	226.4	226.4	227.1	227.1	227.1	227.1	227.8
167.5°	214.9	214.2	214.2	*214.2*	214.9	214.9	214.9	215.7	215.7	215.7	214.9
170°	205.6	204.9	204.9	*204.9*	205.6	205.6	205.6	205.6	205.6	205.6	205.6
172.5°	197.7	197.7	197.7	*197.7*	197.7	197.7	197.7	197.7	197.7	198.5	197.7
175°	192.7	192.7	192.7	*192.7*	192.0	192.0	192.7	192.7	192.7	192.7	192.7
177.5°	188.4	188.4	189.1	*188.4*	188.4	188.4	189.1	189.1	189.1	188.4	188.4
180°	187.0	187.0	187.0	*187.0*	187.0	187.0	187.0	187.0	187.0	187.0	187.0

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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: SP1-2501-332-4

Test Date: 03/21/2025

Luminaire Tested: FFX-CLB-100-730-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-730-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

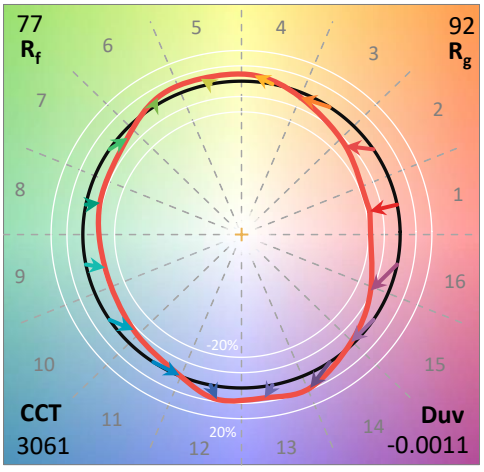
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-4
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-100-730-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3061	CRI (Ra):	71.7		
CIE u':	0.2489	R1:	67.8	R9:	-40.3
CIE v':	0.5187	R2:	85.0	R10:	67.2
Duv:	-0.0011	R3:	92.9	R11:	61.6
CIE x:	0.4312	R4:	66.0	R12:	59.9
CIE y:	0.3995	R5:	68.5	R13:	71.4
CIE z:	0.1693	R6:	80.2	R14:	96.3
Peak Wavelength (nm):	592	R7:	74.5	R15:	58.8
Dominant Wavelength (nm):	582	R8:	39.0		
Purity:	49.32381				

Rf:	76.8
Rg:	92.2



Test Conditions

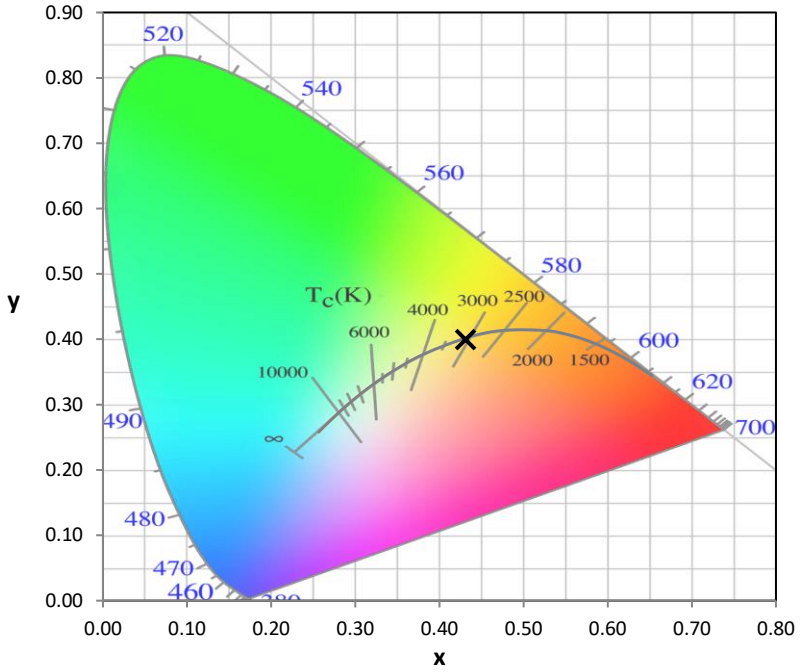
Stabilization Time:	56M
Operation Time:	1H 56M
Sphere Temperature (°C):	24.8

REPORT NUMBER: SP1-2501-332-4

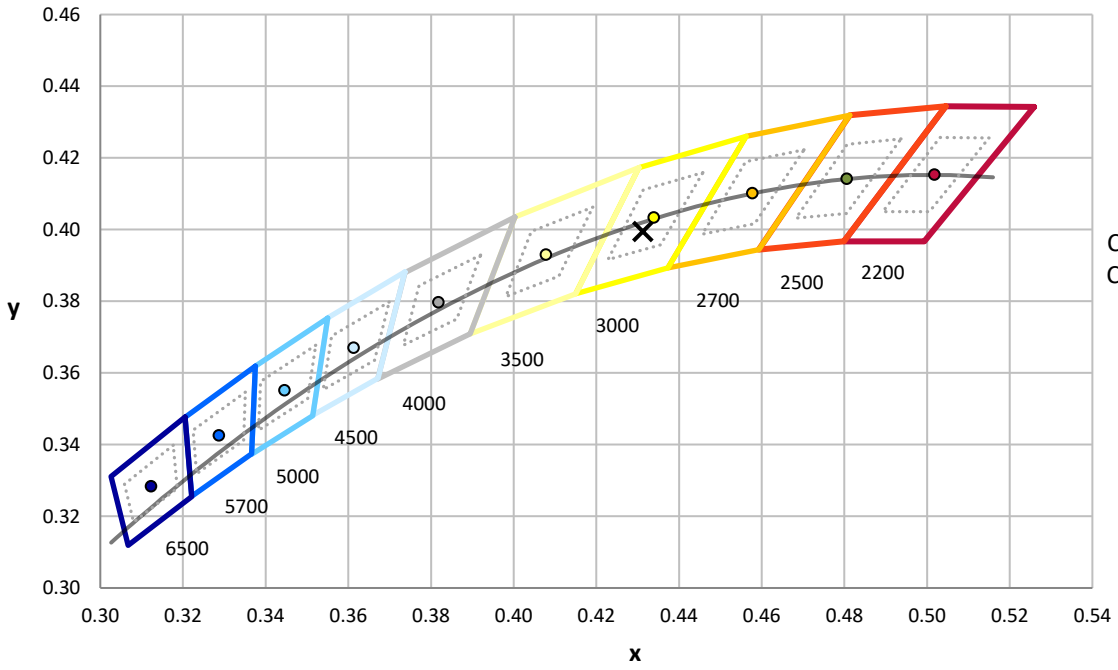
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-4

CIE 1931 Chromaticity Diagram



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

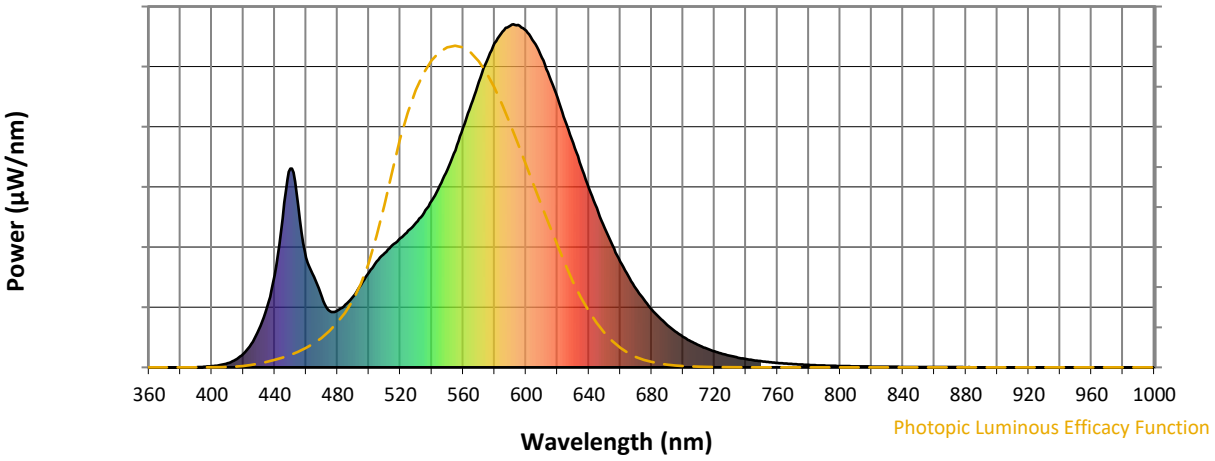


CCT = 3061K
CIE x = 0.4312
CIE y = 0.3995
Duv = -0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-4

Photopic Flux vs. Wavelength

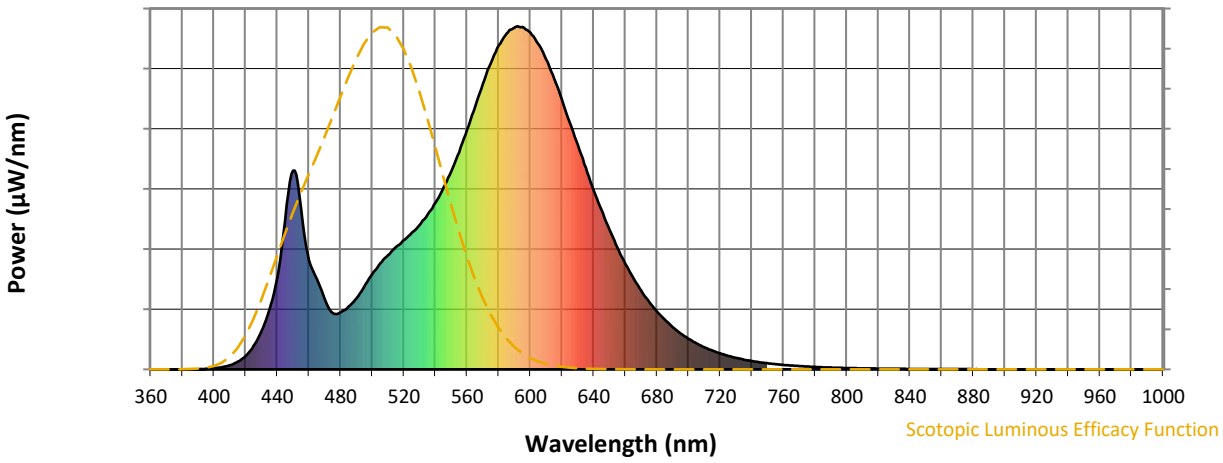


Photopic Lumens: NR

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

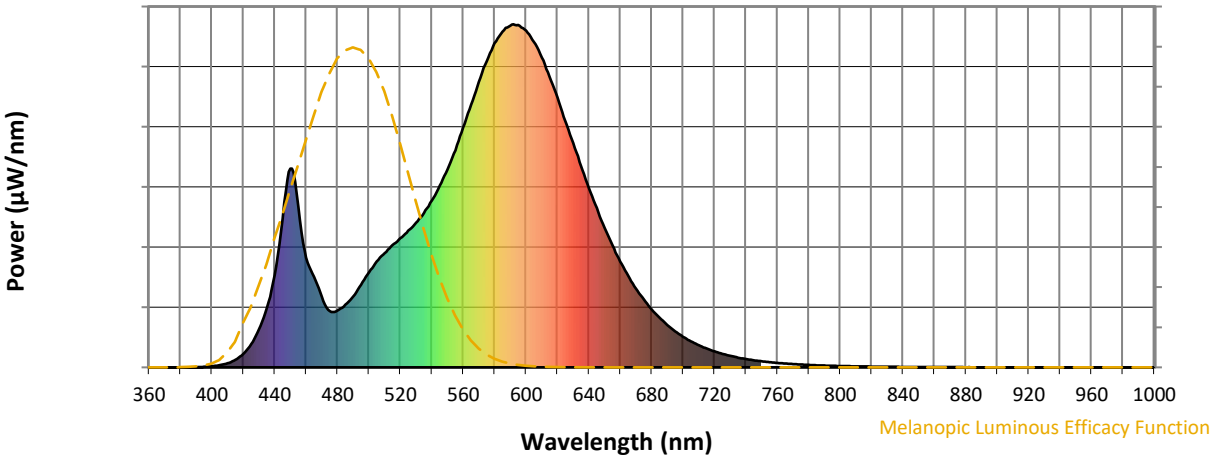


Scotopic Lumens: NR **S/P: 1.29**

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.47**

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

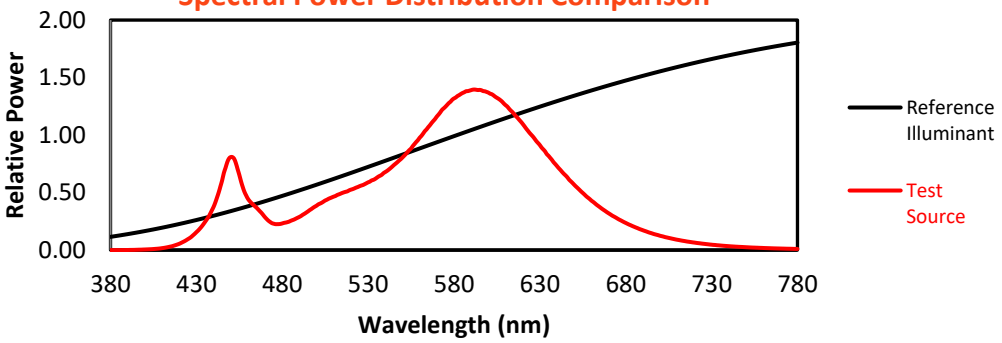
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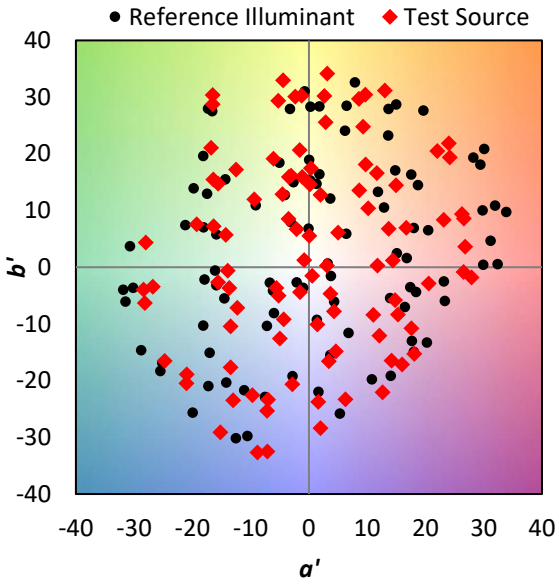
Summary

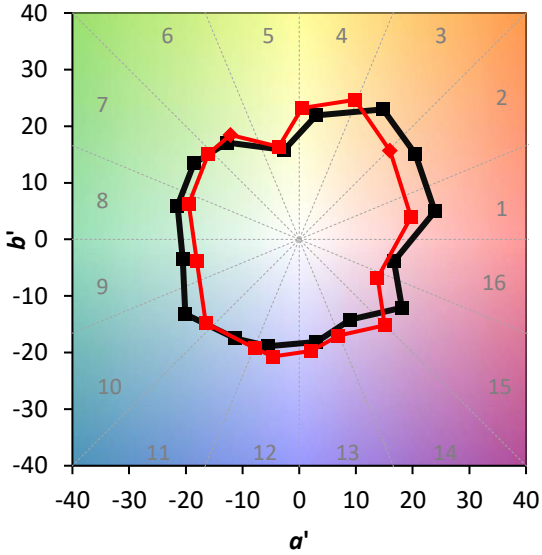
R_f = 76.8
R_g = 92.2
CIE R_a = 71.7
R_9 = -40.3

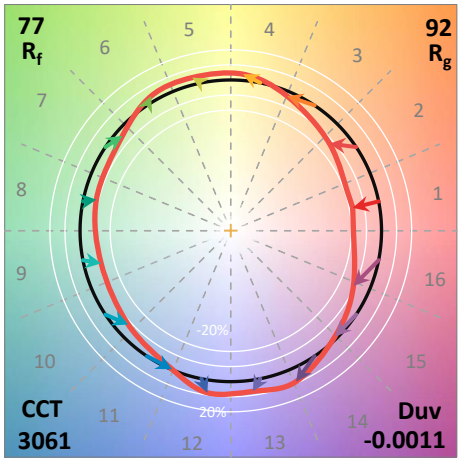
Spectral Power Distribution Comparison

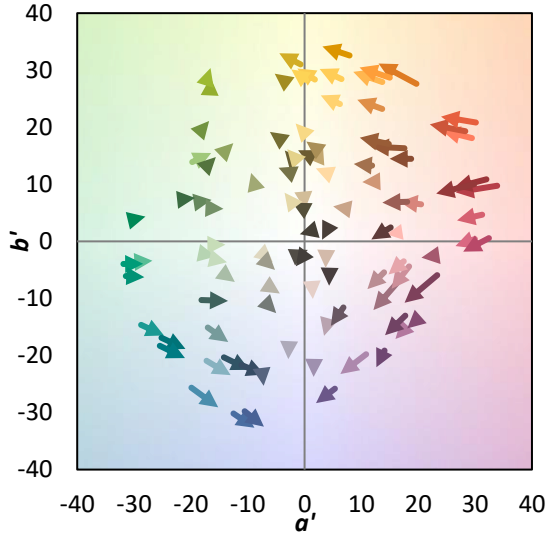


Color Vector Graphics







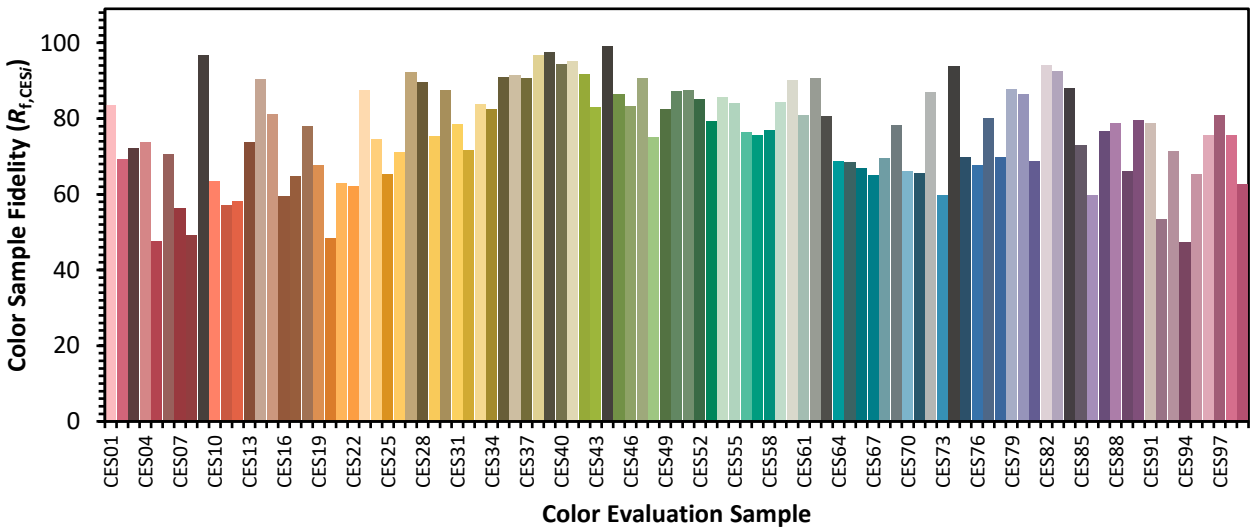


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Individual Sample Fidelity Index ($R_{f,i}$)

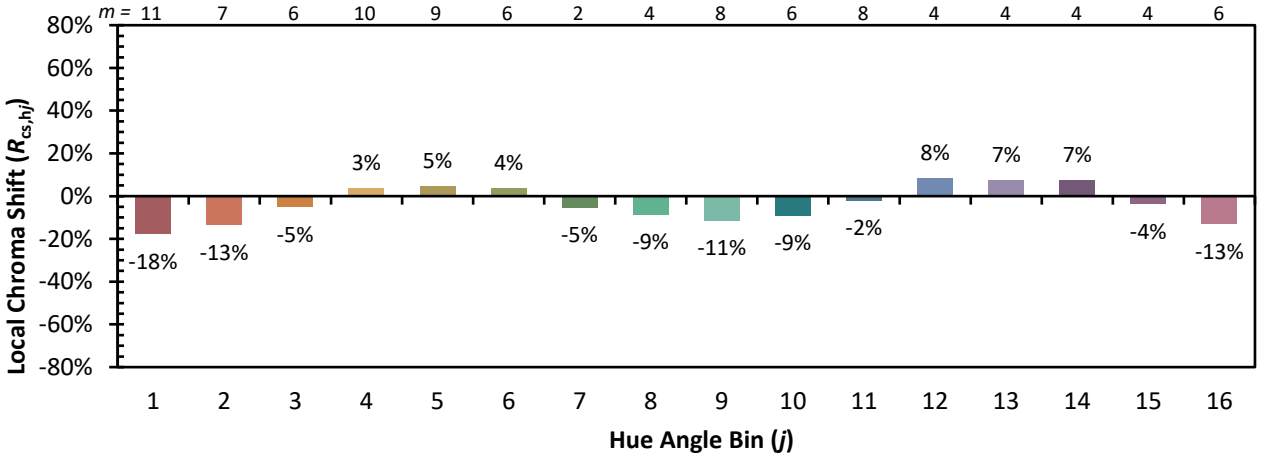
CES01 = 86	CES26 = 71	CES51 = 88	CES76 = 68
CES02 = 62	CES27 = 92	CES52 = 85	CES77 = 80
CES03 = 31	CES28 = 90	CES53 = 79	CES78 = 70
CES04 = 71	CES29 = 75	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 79	CES56 = 76	CES81 = 69
CES07 = 41	CES32 = 72	CES57 = 76	CES82 = 94
CES08 = 40	CES33 = 84	CES58 = 77	CES83 = 92
CES09 = 29	CES34 = 83	CES59 = 84	CES84 = 88
CES10 = 76	CES35 = 91	CES60 = 90	CES85 = 73
CES11 = 59	CES36 = 92	CES61 = 81	CES86 = 60
CES12 = 65	CES37 = 91	CES62 = 91	CES87 = 77
CES13 = 43	CES38 = 97	CES63 = 81	CES88 = 79
CES14 = 74	CES39 = 98	CES64 = 69	CES89 = 66
CES15 = 71	CES40 = 94	CES65 = 69	CES90 = 80
CES16 = 47	CES41 = 95	CES66 = 67	CES91 = 79
CES17 = 50	CES42 = 92	CES67 = 65	CES92 = 53
CES18 = 56	CES43 = 83	CES68 = 70	CES93 = 71
CES19 = 73	CES44 = 99	CES69 = 78	CES94 = 47
CES20 = 66	CES45 = 87	CES70 = 66	CES95 = 65
CES21 = 87	CES46 = 83	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 91	CES72 = 87	CES97 = 81
CES23 = 92	CES48 = 75	CES73 = 60	CES98 = 76
CES24 = 91	CES49 = 83	CES74 = 94	CES99 = 63
CES25 = 73	CES50 = 87	CES75 = 70	

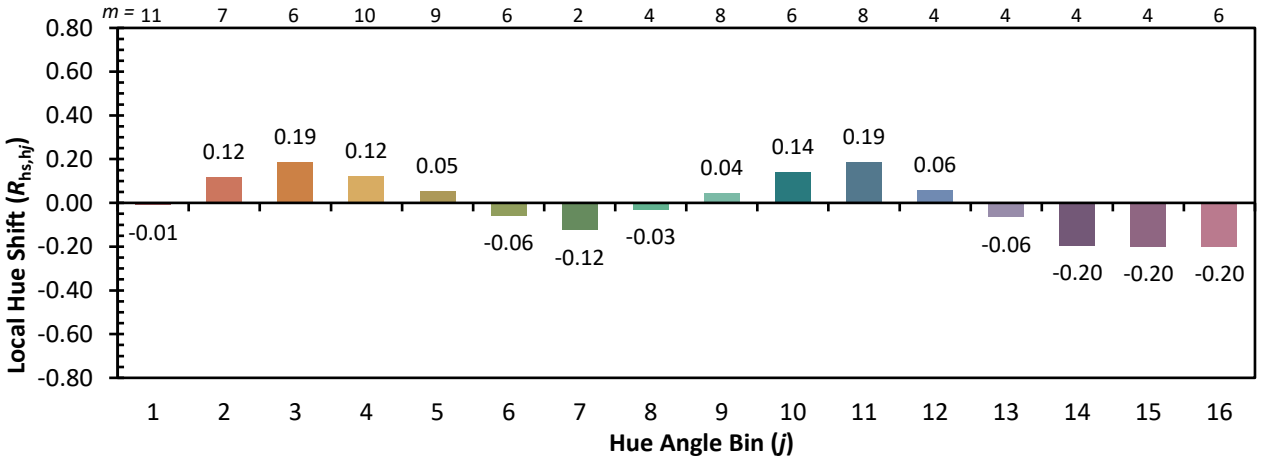


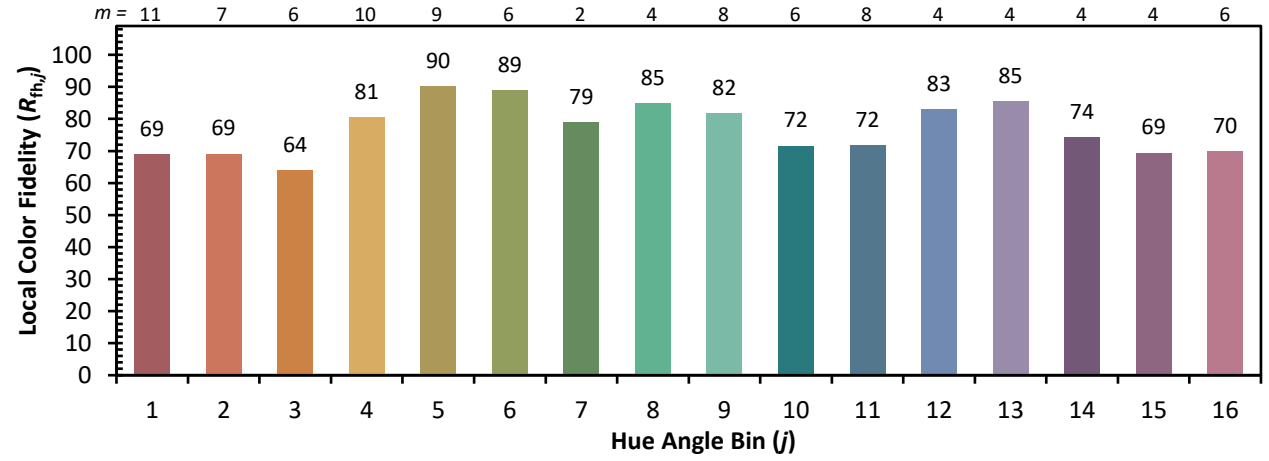
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Color Rendition by Hue-Angle Bin



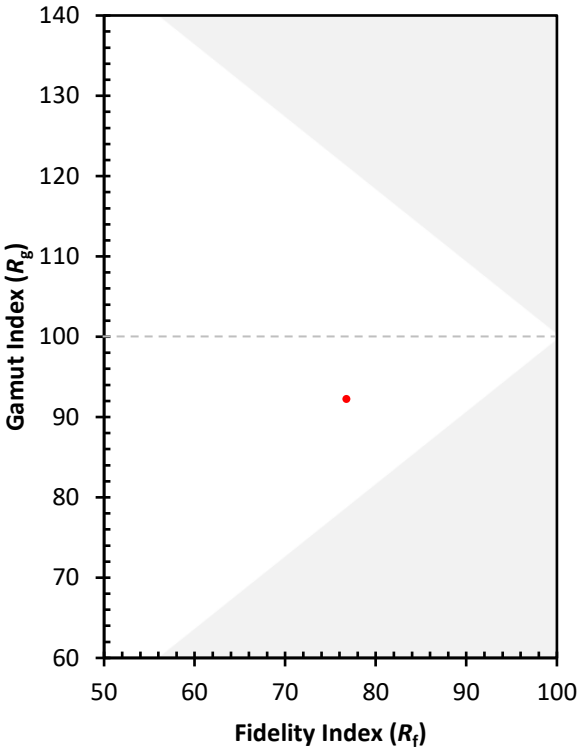


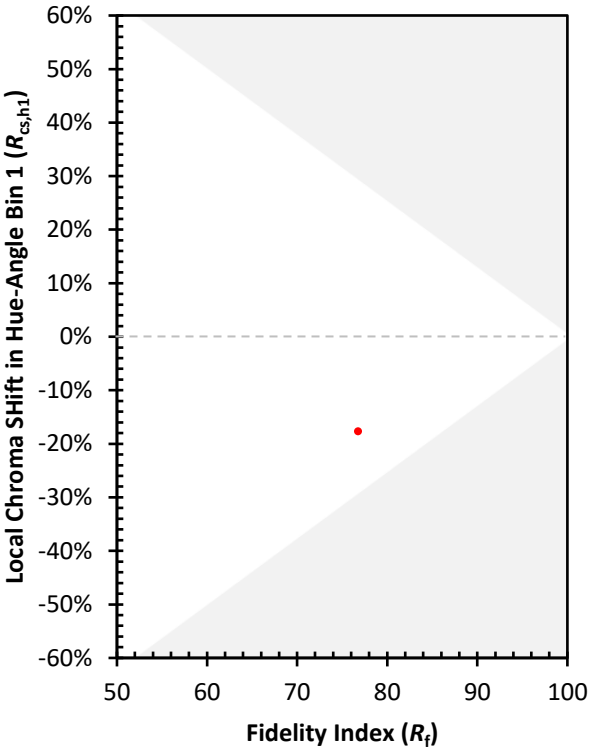


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Measure Comparisons





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