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: P856383

Luminaire Tested: **FFX-CLB-70-727-U-VM9**

Issue Date: 07/16/2024

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:	P856383
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-70-727-U-VM9
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK
Light Source:	(6) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10345.2 lumens
Efficiency:	N/A
Efficacy:	147.2 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):	70.3
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	7.1%%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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REPORT NUMBER: P856383
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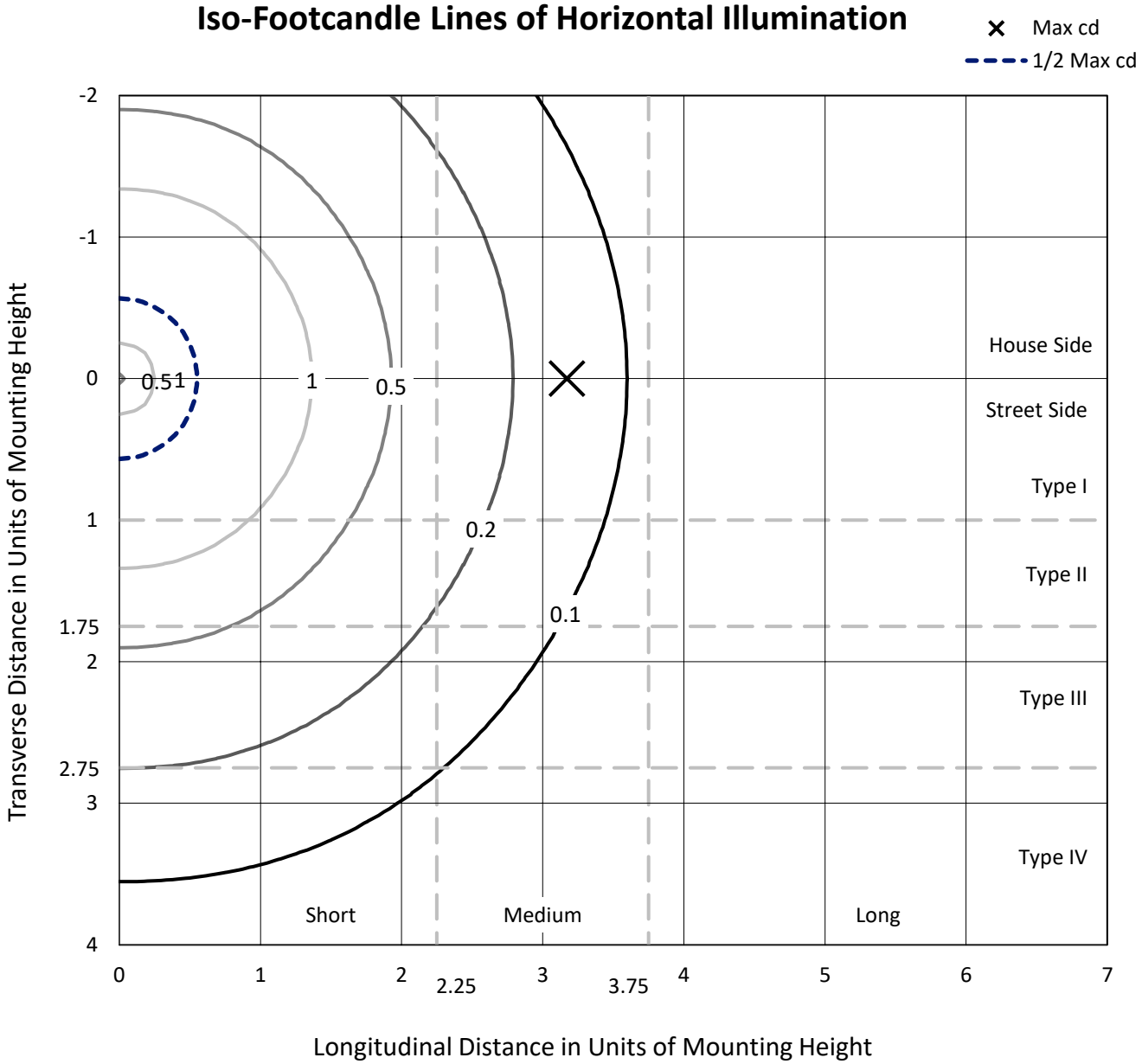
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 1.8 fc
Type V - Short - N/A

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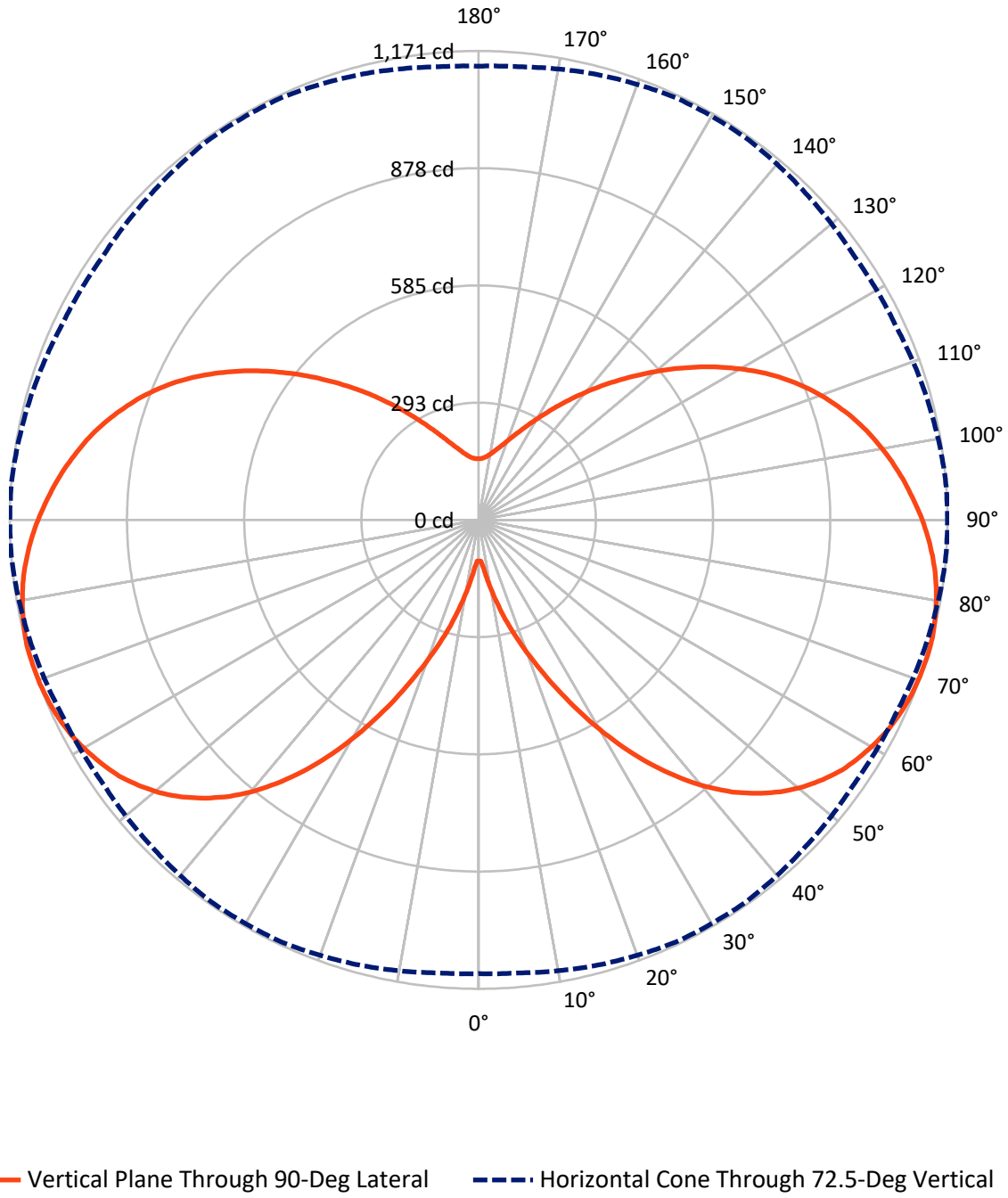
Luminous Intensity Polar Plot



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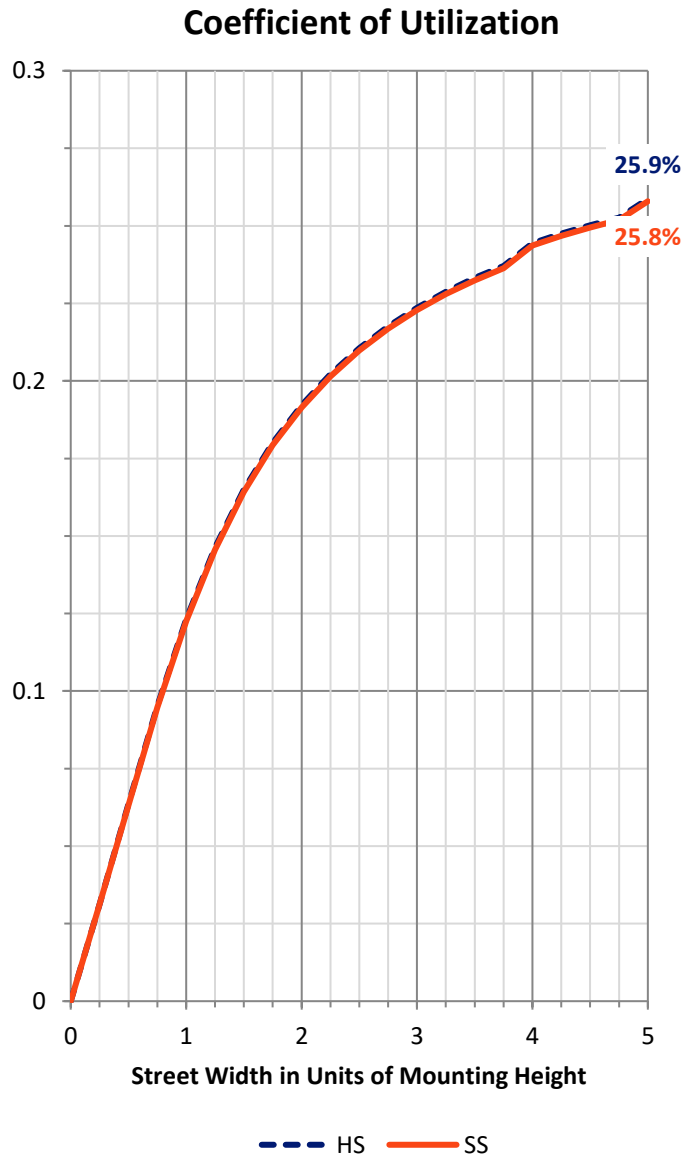
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3030.0	2142.6	5172.6
	% Fixture	29.3	20.7	50.0
Street Side	Lumens	3030.0	2142.6	5172.6
	% Fixture	29.3	20.7	50.0
Total	Lumens	6060.0	4285.2	10345.2
	% Fixture	58.6	41.4	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.3	0.1
10°-20°	77.6	0.8
20°-30°	224.3	2.2
30°-40°	466.4	4.5
40°-50°	740.2	7.2
50°-60°	971.7	9.4
60°-70°	1133.1	11.0
70°-80°	1217.0	11.8
80°-90°	1216.4	11.8
90°-100°	1138.7	11.0
100°-110°	999.1	9.7
110°-120°	803.5	7.8
120°-130°	577.1	5.6
130°-140°	370.9	3.6
140°-150°	215.2	2.1
150°-160°	113.0	1.1
160°-170°	52.6	0.5
170°-180°	15.2	0.1
0°-90°	6060.0	58.6
0°-180°	10345.2	100.0



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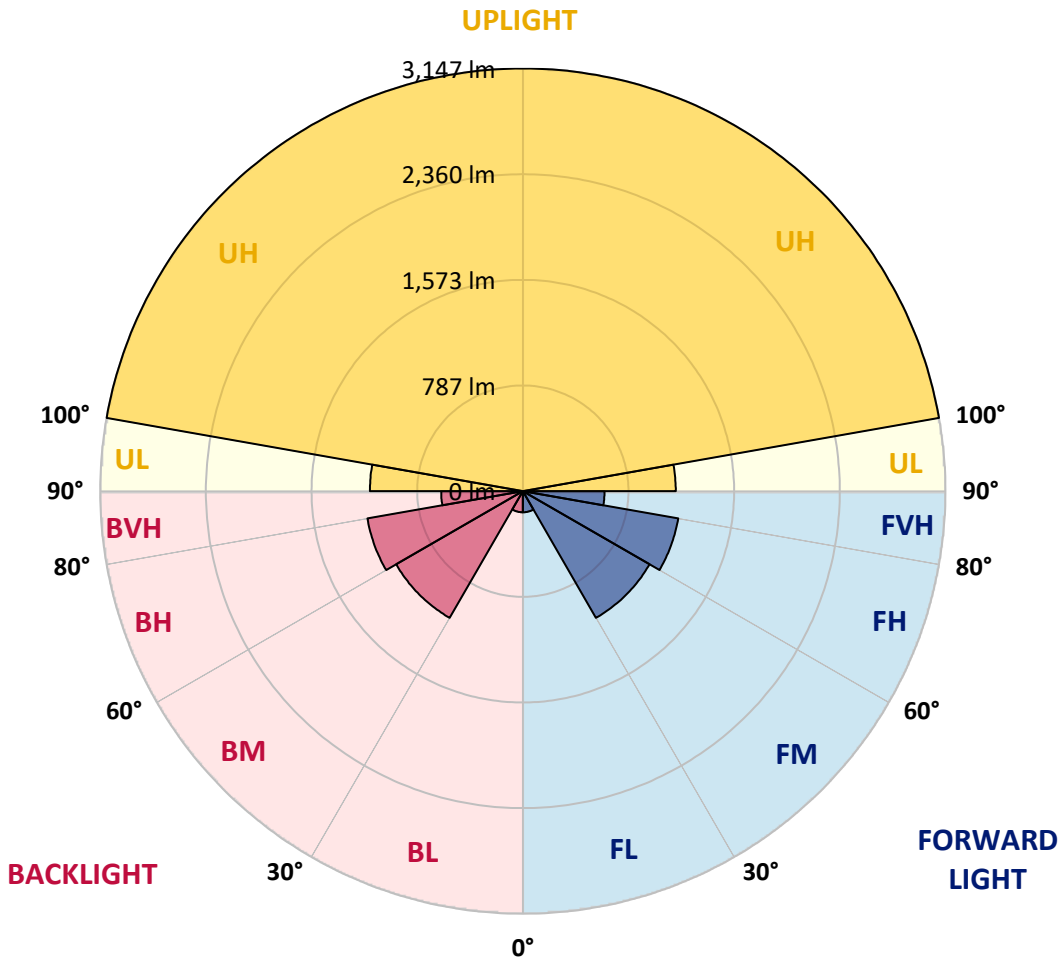
CATALOG NUMBER: FFX-CLB-70-727-U-VM9

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	157.6	1.5			
FM	(30°-60°)	1089.2	10.5			
FH	(60°-80°)	1175.0	11.4			G1/1800
FVH	(80°-90°)	608.2	5.9			G4/750
BL	(0°-30°)	157.6	1.5	B1/500		
BM	(30°-60°)	1089.2	10.5	B2/2500		
BH	(60°-80°)	1175.0	11.4	B3/2500		G1/1800
BVH	(80°-90°)	608.2	5.9			G4/750
UL	(90°-100°)	1138.7	11.0		U5	
UH	(100°-180°)	3146.5	30.4		U5	

BUG Rating: B3-U5-G4
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5
2.5°	106.5	106.5	105.9	105.9	105.2	104.5	104.5	103.9	103.2	103.2	103.2
5°	118.5	117.9	117.9	117.9	117.9	117.2	117.9	117.2	117.2	117.2	117.9
7.5°	144.5	143.8	143.8	143.8	144.5	144.5	145.2	145.8	146.5	146.5	146.5
10°	178.5	177.8	177.8	177.1	178.5	178.5	179.1	177.8	179.8	179.8	180.5
12.5°	218.4	217.8	217.8	217.1	218.4	217.8	219.1	217.8	221.1	219.7	219.7
15°	261.7	261.7	261.0	260.4	262.4	262.4	263.7	263.7	265.7	264.4	265.0
17.5°	307.6	307.0	307.0	306.3	308.3	308.3	308.3	309.6	312.3	309.6	311.6
20°	356.9	356.3	356.3	355.6	357.6	357.6	358.9	359.6	362.3	360.3	361.6
22.5°	410.2	409.5	409.5	409.5	412.2	412.9	412.9	414.9	418.2	414.9	417.5
25°	469.5	468.8	468.8	470.8	472.8	473.5	474.8	477.5	480.8	477.5	480.8
27.5°	532.7	532.1	533.4	536.1	538.1	539.4	541.4	542.0	546.7	543.4	548.0
30°	598.0	597.3	598.6	602.0	604.6	608.6	608.6	610.6	617.3	612.6	617.3
32.5°	662.6	661.9	663.9	667.9	671.9	675.9	676.6	679.2	685.9	682.6	687.2
35°	726.5	725.8	728.5	733.8	737.8	741.8	743.2	745.8	753.1	749.8	754.5
37.5°	787.1	787.1	789.8	795.8	800.4	805.7	805.1	808.4	815.1	813.1	817.7
40°	843.7	843.7	847.0	854.4	859.7	863.0	862.3	865.7	873.0	872.3	876.3
42.5°	895.0	895.0	899.6	907.0	912.3	914.3	914.3	917.6	925.6	924.9	928.9
45°	938.3	940.3	945.6	953.6	958.2	960.2	958.9	962.2	970.9	970.9	974.2
47.5°	978.2	980.9	986.2	994.2	997.5	999.5	998.2	1000.9	1009.5	1010.8	1014.2
50°	1012.8	1014.8	1021.5	1030.2	1033.5	1033.5	1031.5	1034.2	1043.5	1046.1	1048.8
52.5°	1042.8	1044.8	1052.1	1061.5	1063.5	1062.8	1060.1	1062.8	1072.1	1074.8	1076.8
55°	1066.8	1068.8	1077.4	1086.8	1088.8	1086.8	1082.8	1086.1	1094.7	1098.7	1102.1
57.5°	1086.1	1088.1	1098.1	1107.4	1109.4	1105.4	1100.7	1104.1	1114.1	1118.7	1120.1
60°	1102.1	1104.1	1114.7	1124.7	1126.0	1121.4	1116.1	1119.4	1129.4	1134.7	1136.0
62.5°	1114.7	1116.7	1128.0	1139.4	1140.0	1134.0	1128.0	1131.4	1141.4	1147.4	1149.4
65°	1123.4	1125.4	1138.0	1149.4	1150.7	1143.4	1137.4	1140.7	1150.0	1157.3	1158.7
67.5°	1129.4	1131.4	1145.4	1157.3	1158.0	1150.0	1143.4	1146.0	1156.7	1164.0	1165.3
70°	1132.0	1134.0	1148.7	1161.3	1162.0	1153.3	1145.4	1148.7	1159.3	1168.0	1169.3
72.5°	1132.7	1135.4	1150.7	1163.3	1164.0	1154.0	1146.0	1148.7	1160.0	1170.0	1170.7
75°	1130.0	1133.4	1149.4	1162.7	1162.7	1151.4	1142.7	1145.4	1158.0	1168.7	1170.7
77.5°	1126.7	1128.7	1145.4	1158.7	1158.0	1146.0	1136.0	1140.0	1152.7	1164.7	1166.0
80°	1119.4	1122.1	1138.7	1151.4	1150.0	1136.7	1127.4	1131.4	1144.7	1157.3	1158.7
82.5°	1110.1	1112.7	1129.4	1140.7	1139.4	1125.4	1116.1	1120.7	1134.7	1148.0	1149.4
85°	1098.7	1101.4	1117.4	1128.0	1126.0	1112.1	1102.7	1106.7	1122.1	1135.4	1136.7
87.5°	1084.1	1086.8	1102.7	1112.1	1110.1	1095.4	1087.4	1092.8	1106.7	1120.7	1121.4
90°	1067.4	1070.8	1084.8	1093.4	1090.8	1077.4	1070.1	1075.4	1089.4	1102.7	1104.1
92.5°	1050.8	1052.1	1065.4	1072.8	1070.8	1058.8	1052.1	1058.1	1070.8	1084.1	1084.1
95°	1030.8	1032.8	1044.8	1050.8	1048.8	1038.8	1032.8	1039.5	1050.8	1063.5	1064.1
97.5°	1009.5	1011.5	1021.5	1027.5	1025.5	1016.8	1012.8	1019.5	1029.5	1041.5	1042.1
100°	986.9	988.2	996.9	1002.2	1000.2	993.5	990.9	997.5	1006.8	1018.2	1018.2
102.5°	961.6	962.9	969.6	972.9	972.2	966.9	966.9	974.2	981.5	992.2	993.5
105°	934.9	936.3	940.9	942.9	942.3	940.3	941.6	948.9	954.9	964.2	965.6
107.5°	905.0	906.3	909.0	909.6	909.6	909.6	914.3	920.9	927.6	934.3	934.9
110°	873.0	873.7	875.7	875.0	875.0	876.3	883.0	890.3	895.6	902.3	903.0

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Scaled Data Report

REPORT NUMBER: P856383
CATALOG NUMBER: FFX-CLB-70-727-U-VM9

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	838.4	839.0	840.4	837.7	838.4	841.0	849.7	857.7	861.0	867.7	*867.7*
115°	801.8	801.1	802.4	799.1	798.4	803.1	812.4	821.7	824.4	829.1	*829.7*
117.5°	761.8	762.5	761.8	757.8	757.1	763.8	772.5	781.1	784.4	789.8	*788.4*
120°	720.5	719.8	720.5	715.8	715.2	722.5	731.2	739.8	741.8	746.5	*745.1*
122.5°	678.6	677.9	677.2	672.6	672.6	678.6	689.2	697.9	696.5	701.9	*701.2*
125°	635.3	635.3	633.9	629.3	629.3	636.6	645.3	653.3	651.9	657.9	*655.9*
127.5°	592.7	592.7	591.3	587.3	587.3	594.0	602.0	610.0	608.0	613.3	*611.3*
130°	550.7	550.7	549.4	545.4	545.4	550.7	559.4	566.0	563.4	568.0	*567.4*
132.5°	510.7	510.1	509.4	505.4	506.1	511.4	518.1	524.1	521.4	526.7	*524.7*
135°	472.1	471.5	470.8	466.8	467.5	472.8	478.8	483.4	481.4	484.8	*484.1*
137.5°	435.5	434.8	434.2	430.8	431.5	435.5	441.5	445.5	442.8	447.5	*445.5*
140°	400.9	400.2	398.9	396.9	397.5	401.5	404.9	409.5	406.9	410.9	*408.9*
142.5°	367.6	367.6	366.2	364.3	364.9	368.9	371.6	374.9	372.2	375.6	*374.2*
145°	336.9	336.9	335.6	334.3	334.3	337.6	339.6	342.9	340.3	343.6	*342.3*
147.5°	309.0	309.0	307.6	306.3	306.3	309.6	311.0	313.6	311.0	313.6	*312.3*
150°	283.0	283.0	282.3	281.0	281.7	283.0	284.3	286.3	284.3	286.3	*285.7*
152.5°	260.4	260.4	259.7	259.0	258.4	260.4	261.0	263.0	261.0	263.0	*261.7*
155°	240.4	239.7	239.7	238.4	238.4	239.7	240.4	241.7	239.7	241.7	*241.1*
157.5°	222.4	222.4	221.7	221.1	221.1	221.7	222.4	223.1	221.7	223.7	*222.4*
160°	207.1	207.1	206.4	205.8	205.8	206.4	206.4	207.1	205.8	207.1	*206.4*
162.5°	193.8	193.8	193.1	193.1	192.4	193.1	193.8	193.8	193.1	193.8	*193.1*
165°	183.1	183.1	182.5	181.8	181.8	182.5	182.5	183.1	181.8	182.5	*182.5*
167.5°	173.1	173.1	173.1	172.5	171.8	172.5	172.5	172.5	171.8	172.5	*172.5*
170°	165.8	165.8	165.8	165.1	164.5	165.1	165.1	165.1	164.5	165.1	*165.1*
172.5°	159.8	159.8	159.8	159.2	159.2	159.2	159.2	159.2	159.2	159.2	*159.2*
175°	155.8	155.8	155.8	155.8	155.2	155.8	155.8	155.8	155.8	155.8	*155.2*
177.5°	153.8	153.2	153.2	153.2	153.2	153.2	153.2	153.2	153.2	153.2	*153.2*
180°	152.5	152.5	152.5	152.5	152.5	152.5	152.5	152.5	152.5	152.5	*152.5*

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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: SP1-2406-133-3

Test Date: 07/12/2024

Luminaire Tested: FFX-CLB-100-727-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-727-U-FR-T5.

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.03

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

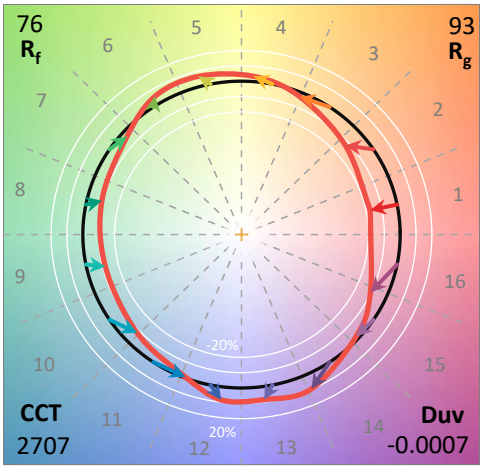
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2406-133-3
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	07/12/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Streetworks
Catalog Number:	**FFX-CLB-100-727-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	2707
CIE u':	0.2624
CIE v':	0.5261
Duv:	-0.0007
CIE x:	0.4580
CIE y:	0.4082
CIE z:	0.1338
Peak Wavelength (nm):	599
Dominant Wavelength (nm):	584
Purity:	59.99901
Rf:	75.5
Rg:	92.5

CRI (Ra):	71.3
R1:	67.8
R2:	84.5
R3:	94.2
R4:	64.8
R5:	66.9
R6:	79.2
R7:	74.4
R8:	38.8
R9:	-34.9
R10:	65.1
R11:	59.2
R12:	54.2
R13:	71.2
R14:	97.5
R15:	59.4



Test Conditions

Stabilization Time:	0.813602M
Operation Time:	1H
Sphere Temperature (°C):	24.7

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: SP1-2406-133-3

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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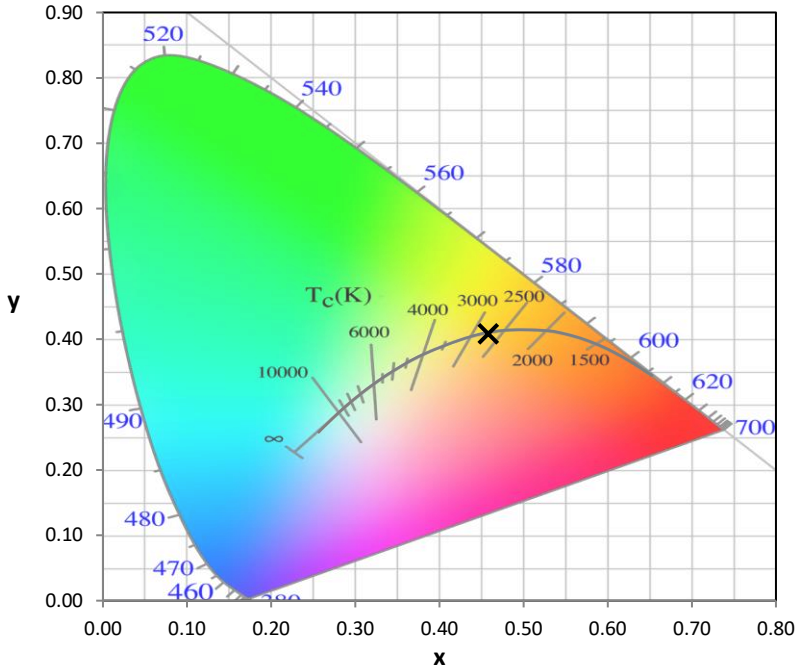
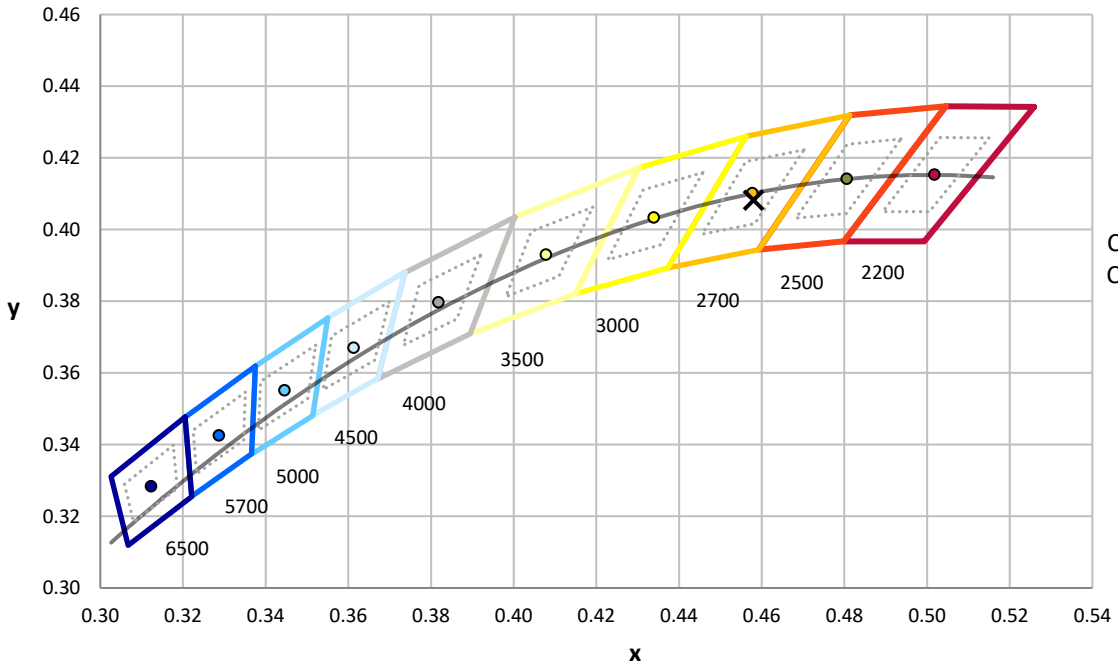
REPORT NUMBER: SP1-2406-133-3

CIE 1931 Chromaticity Diagram



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



CCT = 2707K
CIE x = 0.4580
CIE y = 0.4082
Duv = -0.0007

Point lies inside the ANSI 2700K 4-step quadrangle

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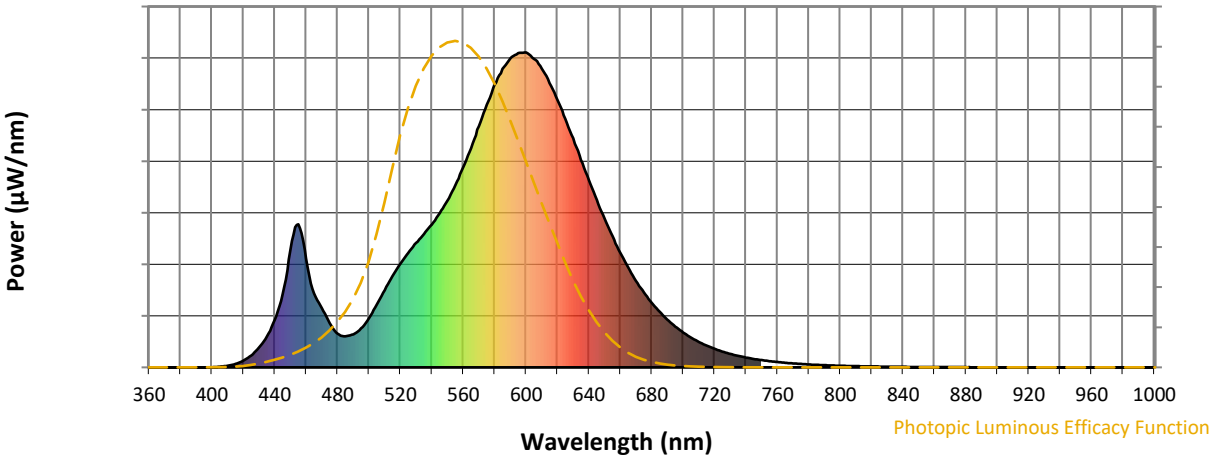
REPORT NUMBER: SP1-2406-133-3

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	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	NR	630	727	NR	760	17	NR	890	0	NR
375	0	NR	505	200	NR	635	659	NR	765	15	NR	895	0	NR
380	0	NR	510	245	NR	640	595	NR	770	13	NR	900	0	NR
385	0	NR	515	290	NR	645	531	NR	775	11	NR	905	0	NR
390	0	NR	520	330	NR	650	472	NR	780	9	NR	910	0	NR
395	0	NR	525	363	NR	655	417	NR	785	8	NR	915	0	NR
400	0	NR	530	395	NR	660	364	NR	790	7	NR	920	0	NR
405	2	NR	535	424	NR	665	317	NR	795	6	NR	925	0	NR
410	5	NR	540	454	NR	670	274	NR	800	5	NR	930	0	NR
415	11	NR	545	490	NR	675	237	NR	805	4	NR	935	0	NR
420	21	NR	550	530	NR	680	206	NR	810	4	NR	940	0	NR
425	38	NR	555	579	NR	685	176	NR	815	3	NR	945	0	NR
430	63	NR	560	635	NR	690	152	NR	820	3	NR	950	0	NR
435	99	NR	565	697	NR	695	129	NR	825	3	NR	955	0	NR
440	150	NR	570	765	NR	700	111	NR	830	2	NR	960	0	NR
445	233	NR	575	834	NR	705	95	NR	835	2	NR	965	0	NR
450	372	NR	580	897	NR	710	81	NR	840	2	NR	970	0	NR
455	454	NR	585	948	NR	715	69	NR	845	1	NR	975	0	NR
460	345	NR	590	982	NR	720	59	NR	850	1	NR	980	0	NR
465	235	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	187	NR	600	1000	NR	730	43	NR	860	1	NR	990	0	NR
475	141	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	949	NR	740	31	NR	870	1	NR	1000	0	NR
485	99	NR	615	902	NR	745	27	NR	875	1	NR			

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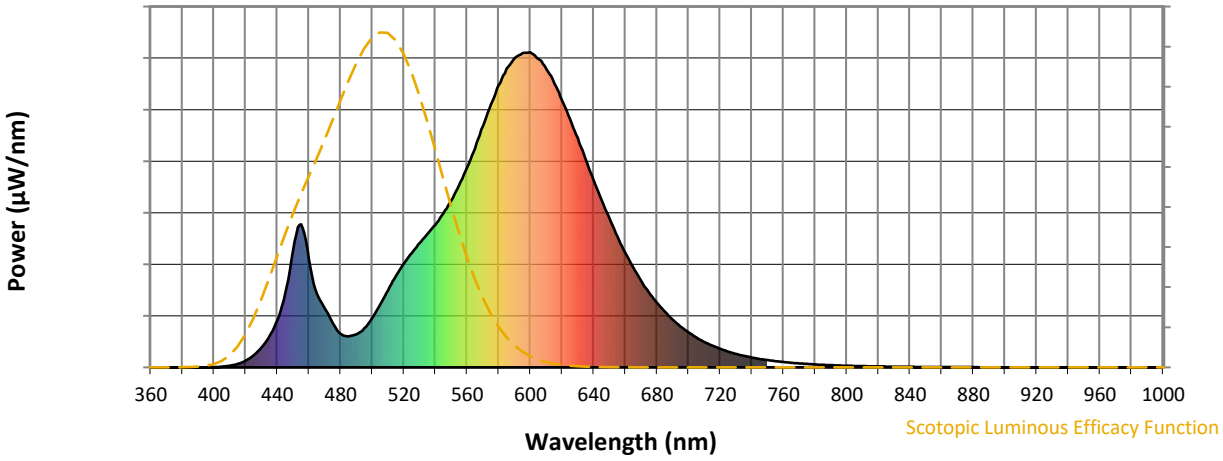
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.12**

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	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	NR	630	727	NR	760	17	NR	890	0	NR
375	0	NR	505	200	NR	635	659	NR	765	15	NR	895	0	NR
380	0	NR	510	245	NR	640	595	NR	770	13	NR	900	0	NR
385	0	NR	515	290	NR	645	531	NR	775	11	NR	905	0	NR
390	0	NR	520	330	NR	650	472	NR	780	9	NR	910	0	NR
395	0	NR	525	363	NR	655	417	NR	785	8	NR	915	0	NR
400	0	NR	530	395	NR	660	364	NR	790	7	NR	920	0	NR
405	2	NR	535	424	NR	665	317	NR	795	6	NR	925	0	NR
410	5	NR	540	454	NR	670	274	NR	800	5	NR	930	0	NR
415	11	NR	545	490	NR	675	237	NR	805	4	NR	935	0	NR
420	21	NR	550	530	NR	680	206	NR	810	4	NR	940	0	NR
425	38	NR	555	579	NR	685	176	NR	815	3	NR	945	0	NR
430	63	NR	560	635	NR	690	152	NR	820	3	NR	950	0	NR
435	99	NR	565	697	NR	695	129	NR	825	3	NR	955	0	NR
440	150	NR	570	765	NR	700	111	NR	830	2	NR	960	0	NR
445	233	NR	575	834	NR	705	95	NR	835	2	NR	965	0	NR
450	372	NR	580	897	NR	710	81	NR	840	2	NR	970	0	NR
455	454	NR	585	948	NR	715	69	NR	845	1	NR	975	0	NR
460	345	NR	590	982	NR	720	59	NR	850	1	NR	980	0	NR
465	235	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	187	NR	600	1000	NR	730	43	NR	860	1	NR	990	0	NR
475	141	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	949	NR	740	31	NR	870	1	NR	1000	0	NR
485	99	NR	615	902	NR	745	27	NR	875	1	NR			

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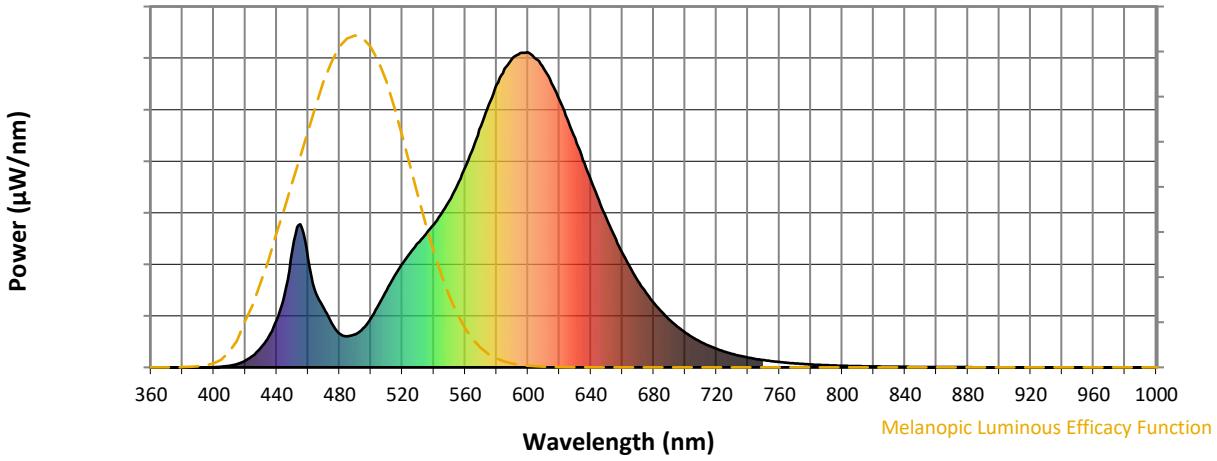
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.03**

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	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	NR	630	727	NR	760	17	NR	890	0	NR
375	0	NR	505	200	NR	635	659	NR	765	15	NR	895	0	NR
380	0	NR	510	245	NR	640	595	NR	770	13	NR	900	0	NR
385	0	NR	515	290	NR	645	531	NR	775	11	NR	905	0	NR
390	0	NR	520	330	NR	650	472	NR	780	9	NR	910	0	NR
395	0	NR	525	363	NR	655	417	NR	785	8	NR	915	0	NR
400	0	NR	530	395	NR	660	364	NR	790	7	NR	920	0	NR
405	2	NR	535	424	NR	665	317	NR	795	6	NR	925	0	NR
410	5	NR	540	454	NR	670	274	NR	800	5	NR	930	0	NR
415	11	NR	545	490	NR	675	237	NR	805	4	NR	935	0	NR
420	21	NR	550	530	NR	680	206	NR	810	4	NR	940	0	NR
425	38	NR	555	579	NR	685	176	NR	815	3	NR	945	0	NR
430	63	NR	560	635	NR	690	152	NR	820	3	NR	950	0	NR
435	99	NR	565	697	NR	695	129	NR	825	3	NR	955	0	NR
440	150	NR	570	765	NR	700	111	NR	830	2	NR	960	0	NR
445	233	NR	575	834	NR	705	95	NR	835	2	NR	965	0	NR
450	372	NR	580	897	NR	710	81	NR	840	2	NR	970	0	NR
455	454	NR	585	948	NR	715	69	NR	845	1	NR	975	0	NR
460	345	NR	590	982	NR	720	59	NR	850	1	NR	980	0	NR
465	235	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	187	NR	600	1000	NR	730	43	NR	860	1	NR	990	0	NR
475	141	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	949	NR	740	31	NR	870	1	NR	1000	0	NR
485	99	NR	615	902	NR	745	27	NR	875	1	NR			

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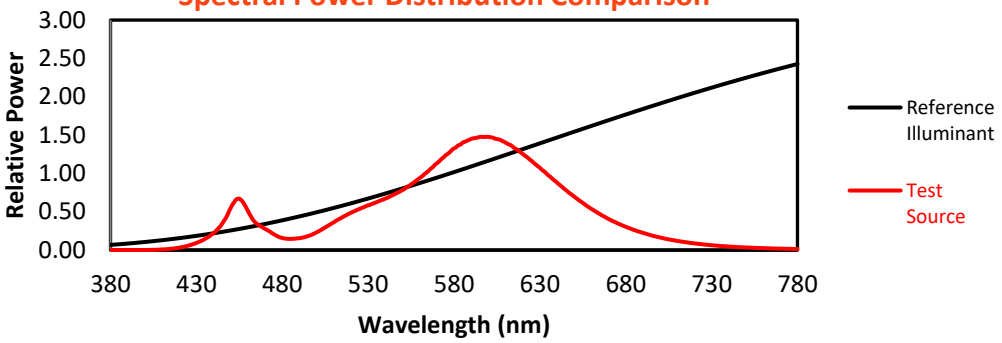
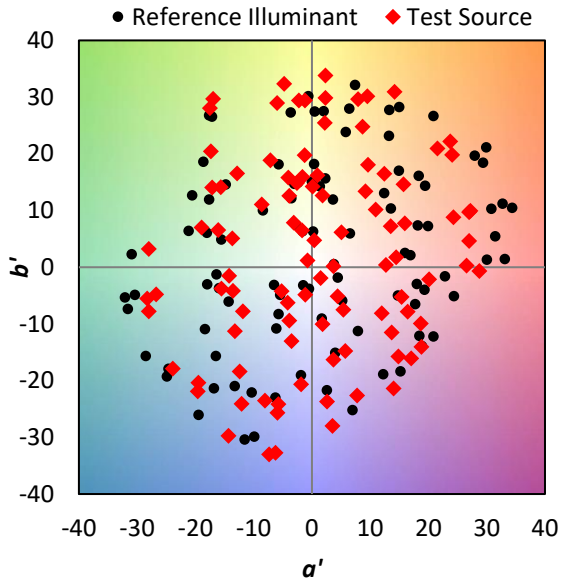
Summary

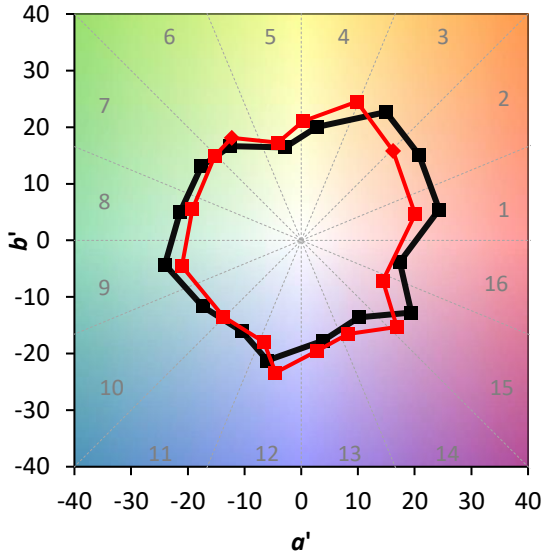
R_f = 75.5
R_g = 92.5
CIE R_a = 71.3
R_9 = -34.9

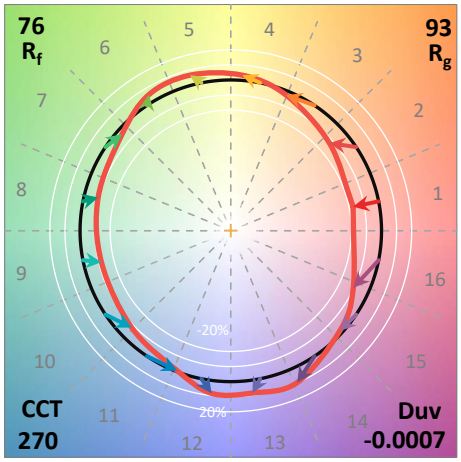
Spectral Power Distribution Comparison

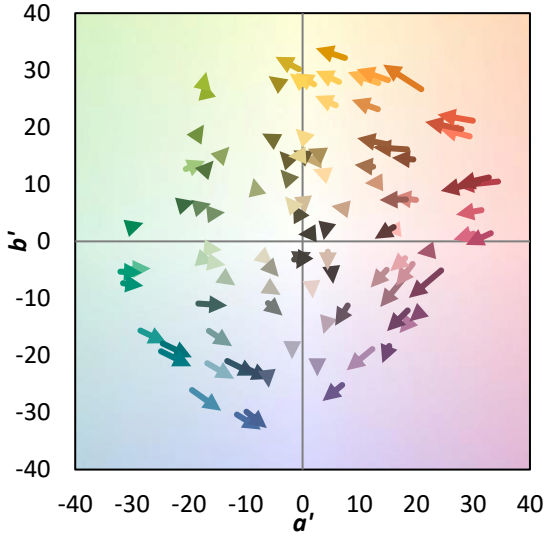


Color Vector Graphics









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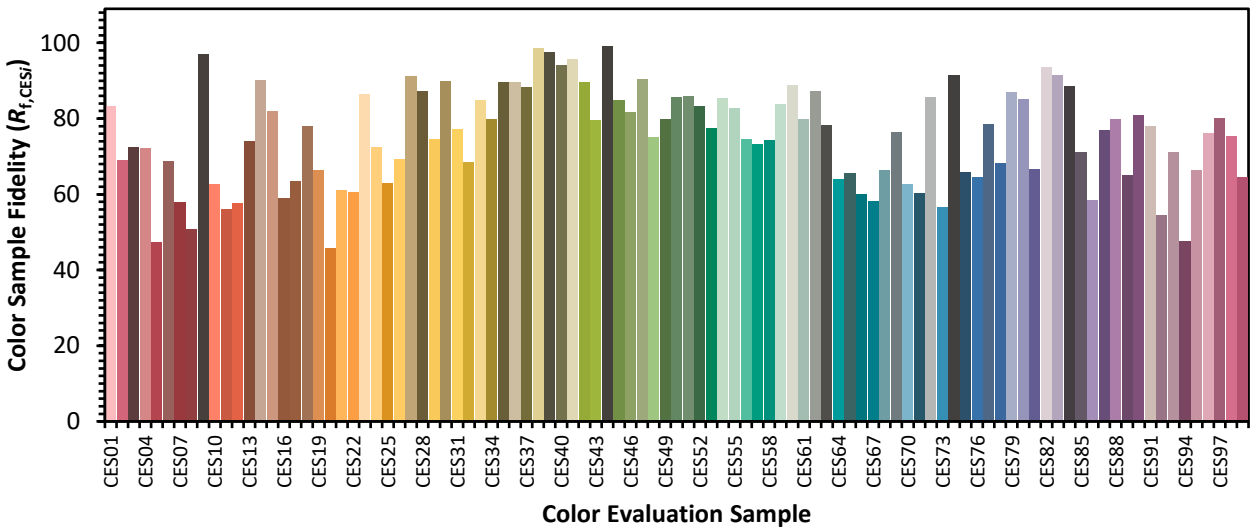
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 69	CES51 = 86	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 83	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 77	CES78 = 68
CES04 = 71	CES29 = 75	CES54 = 85	CES79 = 87
CES05 = 50	CES30 = 90	CES55 = 83	CES80 = 85
CES06 = 52	CES31 = 77	CES56 = 75	CES81 = 67
CES07 = 42	CES32 = 68	CES57 = 73	CES82 = 93
CES08 = 41	CES33 = 85	CES58 = 74	CES83 = 91
CES09 = 29	CES34 = 80	CES59 = 84	CES84 = 89
CES10 = 77	CES35 = 89	CES60 = 89	CES85 = 71
CES11 = 60	CES36 = 90	CES61 = 80	CES86 = 59
CES12 = 66	CES37 = 88	CES62 = 87	CES87 = 77
CES13 = 43	CES38 = 99	CES63 = 78	CES88 = 80
CES14 = 74	CES39 = 97	CES64 = 64	CES89 = 65
CES15 = 72	CES40 = 94	CES65 = 66	CES90 = 81
CES16 = 48	CES41 = 96	CES66 = 60	CES91 = 78
CES17 = 51	CES42 = 90	CES67 = 58	CES92 = 54
CES18 = 57	CES43 = 80	CES68 = 66	CES93 = 71
CES19 = 73	CES44 = 99	CES69 = 76	CES94 = 48
CES20 = 67	CES45 = 85	CES70 = 63	CES95 = 66
CES21 = 88	CES46 = 82	CES71 = 60	CES96 = 76
CES22 = 80	CES47 = 90	CES72 = 86	CES97 = 80
CES23 = 92	CES48 = 75	CES73 = 57	CES98 = 75
CES24 = 91	CES49 = 80	CES74 = 92	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 66	



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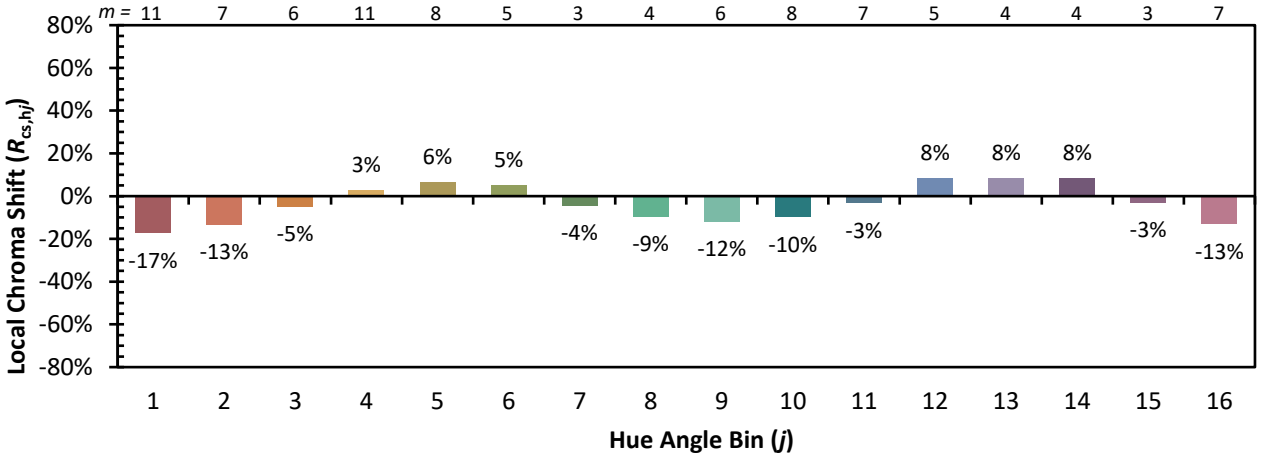
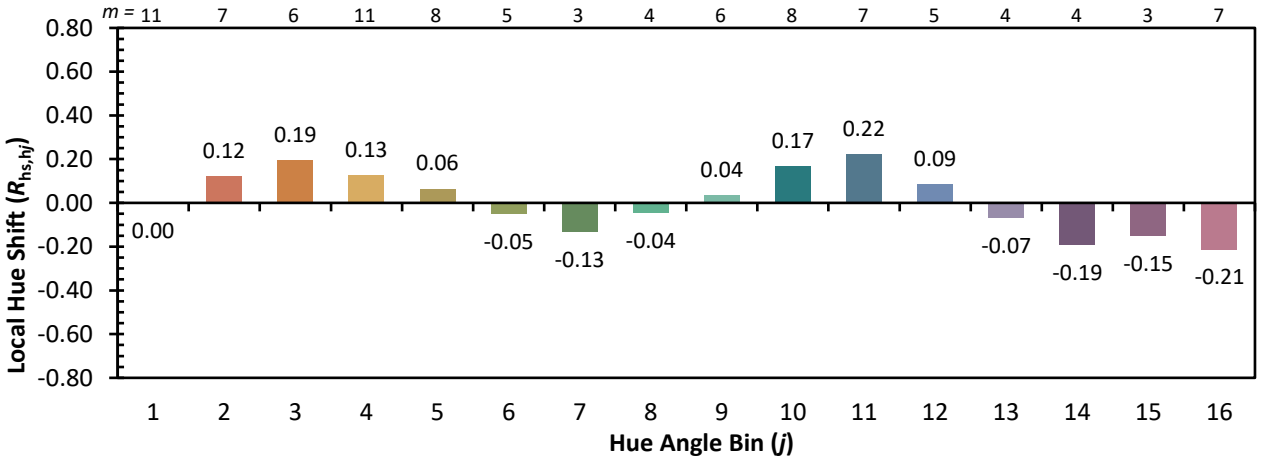
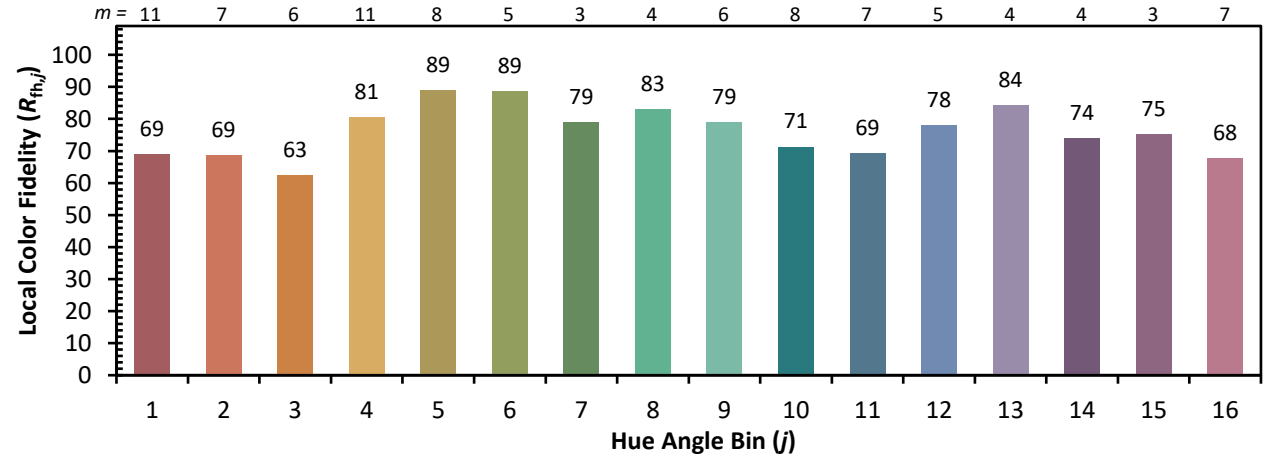
Color Rendition by Hue-Angle Bin







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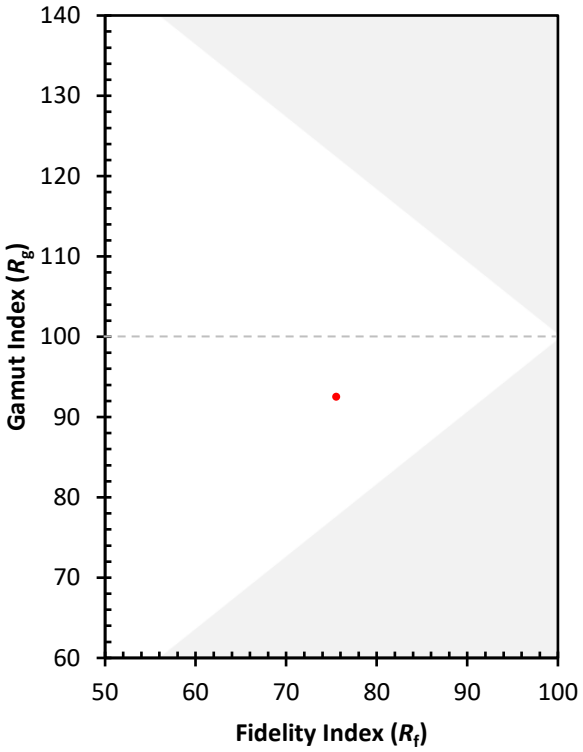
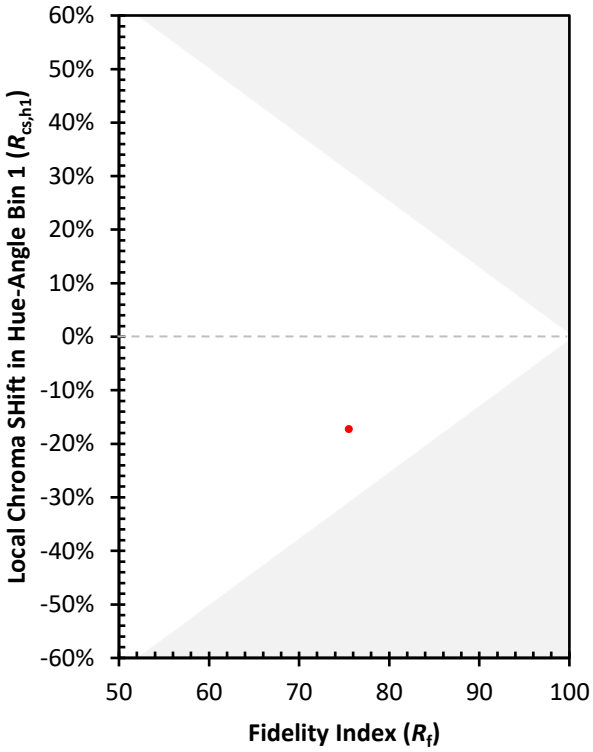
Measure Comparisons





(END OF REPORT)