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: P856312

Luminaire Tested: **FFX-CLB-60-740-U-FG**

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:	P856312
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-60-740-U-FG
Description:	FAIRFAX POST TOP FIXTURE w/ FROSTED GLOBE
Light Source:	(6) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10137.6 lumens
Efficiency:	N/A
Efficacy:	169.5 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G4

Input Watts (W):	59.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	8.9%%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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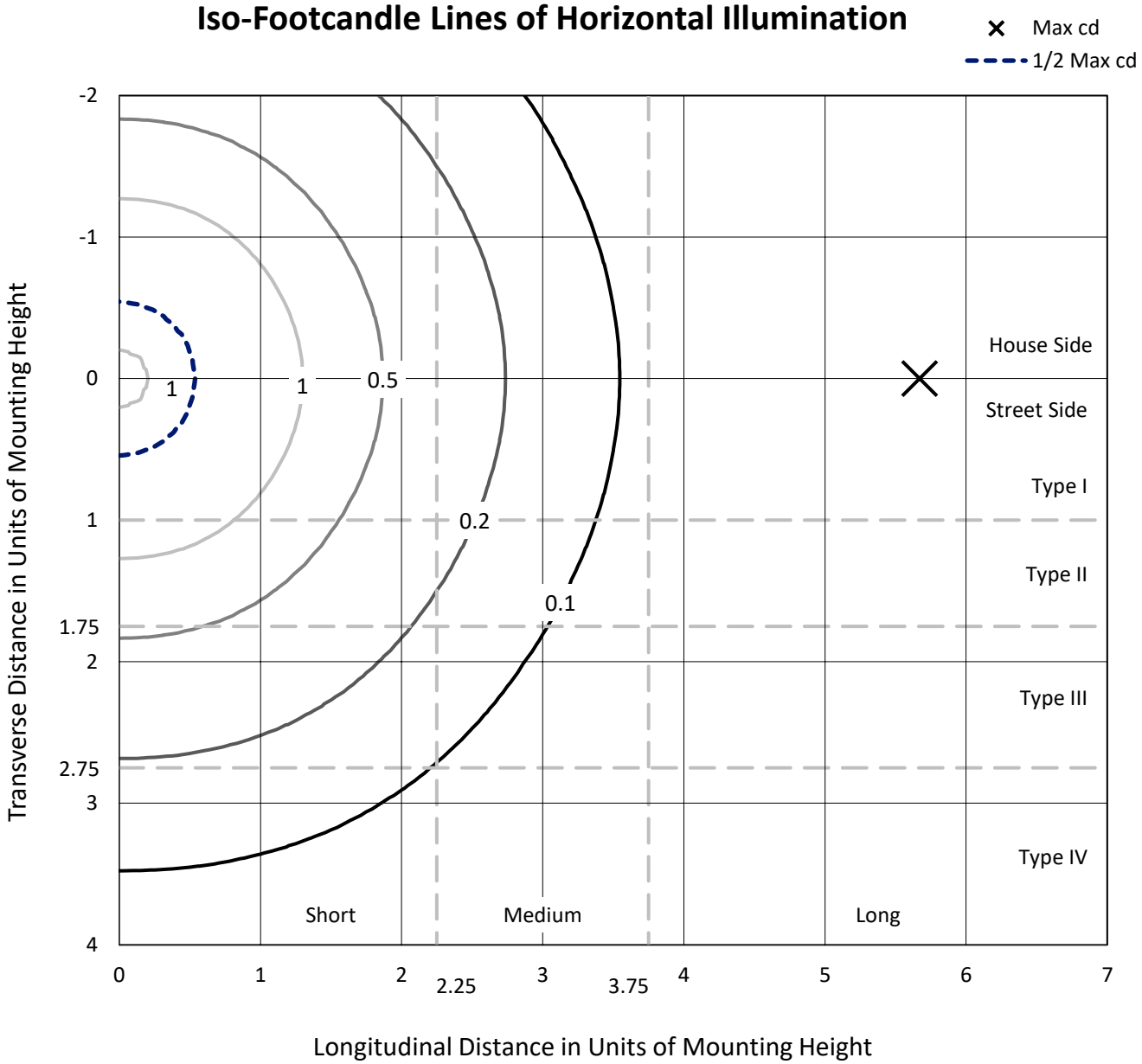
REPORT NUMBER: P856312
CATALOG NUMBER: FFX-CLB-60-740-U-FG

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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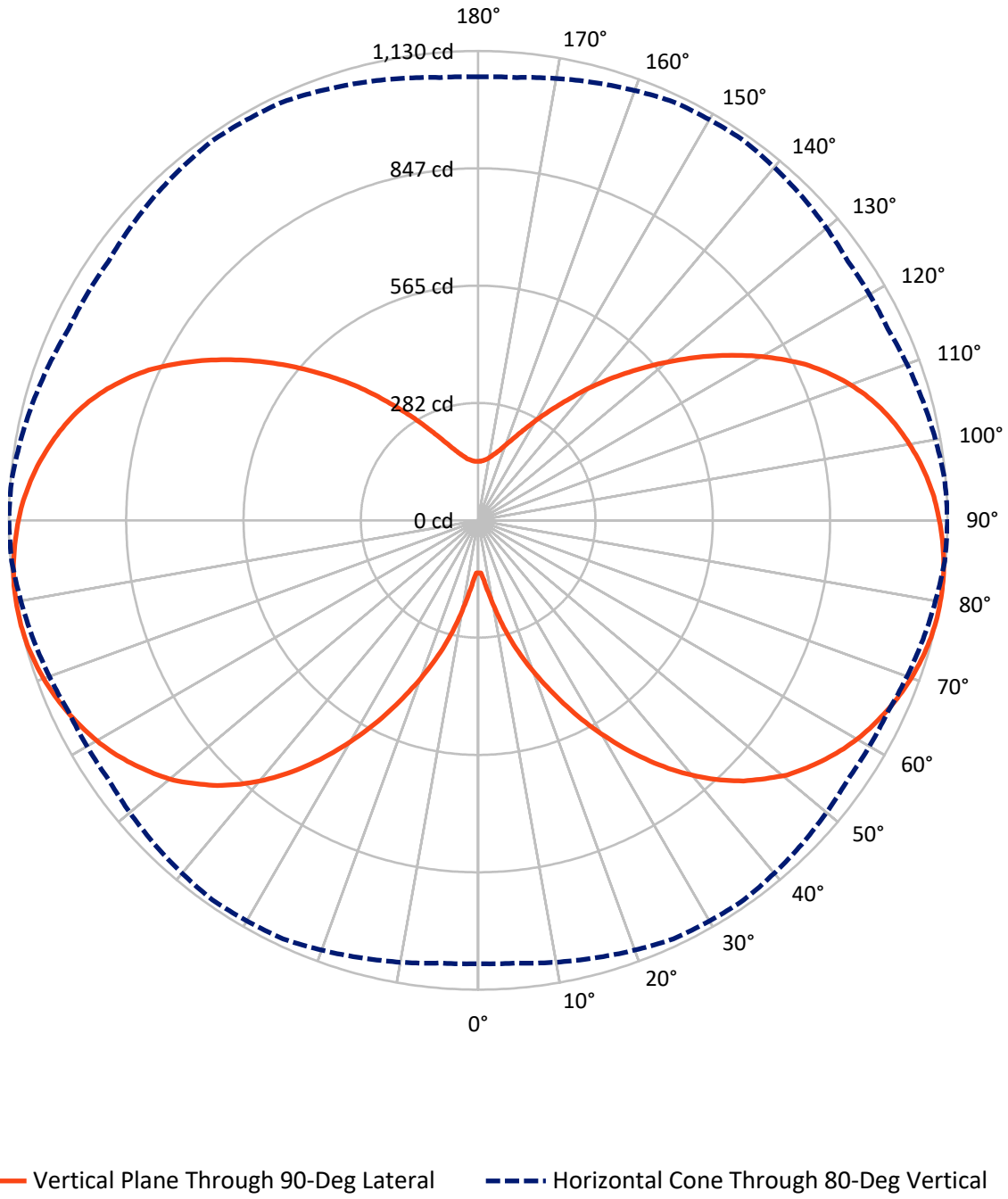
Luminous Intensity Polar Plot



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REPORT NUMBER: P856312
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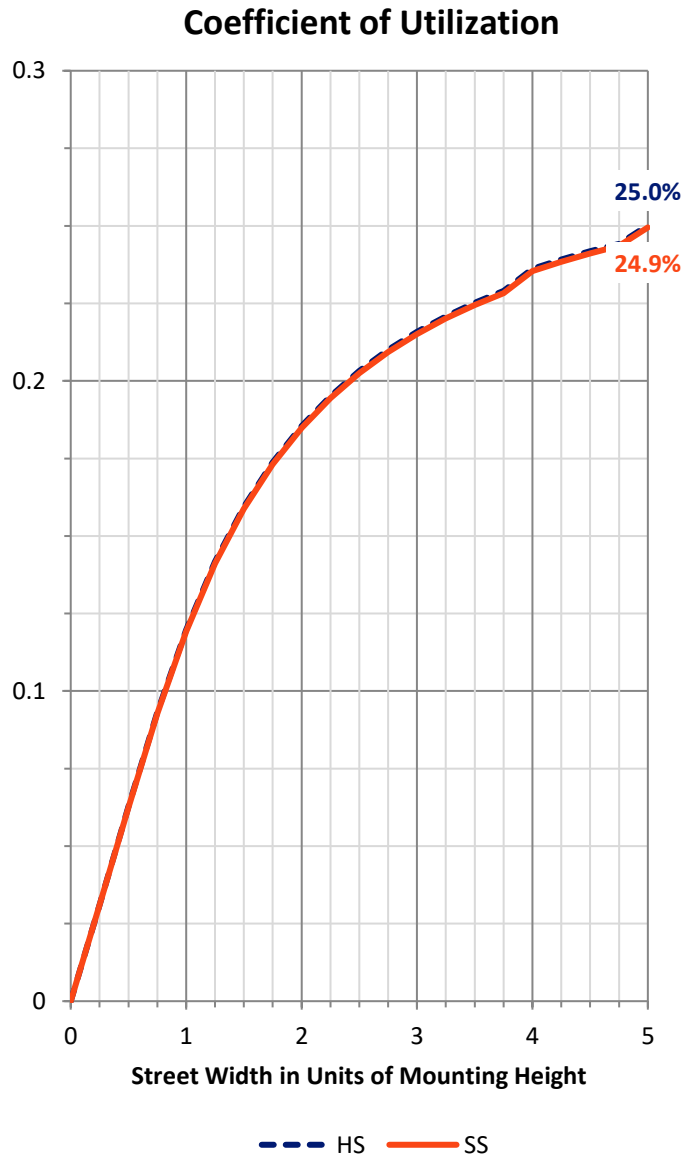
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2884.3	2184.6	5068.8
	% Fixture	28.5	21.5	50.0
Street Side	Lumens	2884.3	2184.6	5068.8
	% Fixture	28.5	21.5	50.0
Total	Lumens	5768.5	4369.1	10137.6
	% Fixture	56.9	43.1	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.1	0.2
10°-20°	88.5	0.9
20°-30°	232.6	2.3
30°-40°	444.7	4.4
40°-50°	683.5	6.7
50°-60°	895.5	8.8
60°-70°	1056.9	10.4
70°-80°	1159.5	11.4
80°-90°	1191.3	11.8
90°-100°	1147.7	11.3
100°-110°	1029.1	10.2
110°-120°	836.2	8.2
120°-130°	597.5	5.9
130°-140°	377.9	3.7
140°-150°	211.6	2.1
150°-160°	106.5	1.1
160°-170°	48.4	0.5
170°-180°	14.0	0.1
0°-90°	5768.5	56.9
0°-180°	10137.6	100.0



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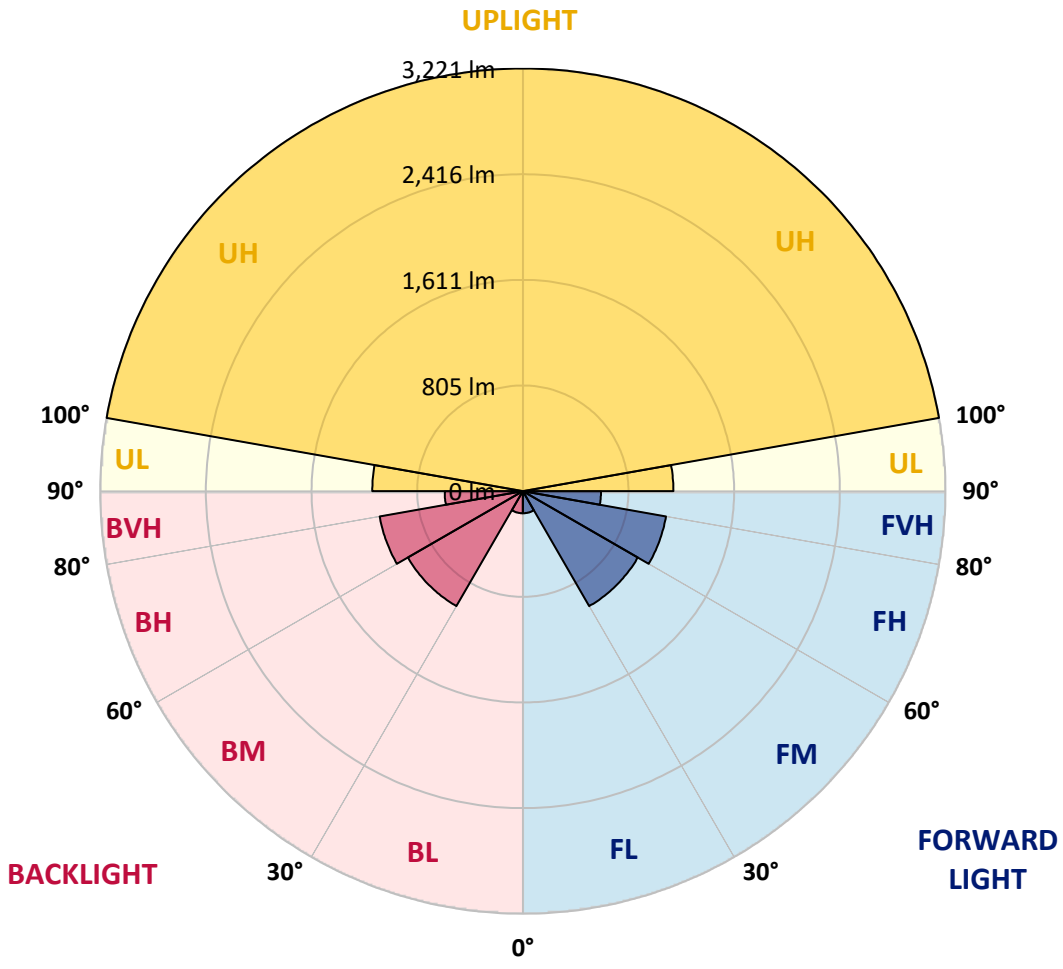
REPORT NUMBER: P856312
CATALOG NUMBER: FFX-CLB-60-740-U-FG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	168.6	1.7			
FM	(30°-60°)	1011.9	10.0			
FH	(60°-80°)	1108.2	10.9			G1/1800
FVH	(80°-90°)	595.6	5.9			G4/750
BL	(0°-30°)	168.6	1.7	B1/500		
BM	(30°-60°)	1011.9	10.0	B2/2500		
BH	(60°-80°)	1108.2	10.9	B3/2500		G1/1800
BVH	(80°-90°)	595.6	5.9			G4/750
UL	(90°-100°)	1147.7	11.3		U5	
UH	(100°-180°)	3221.4	31.8		U5	

BUG Rating: B3-U5-G4
Type V Short



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REPORT NUMBER: P856312
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	127.3	127.3	127.3	127.3	127.3	127.3	127.3	127.3	127.3	127.3	*127.3*
2.5°	133.5	133.5	132.9	131.6	131.0	130.4	129.1	127.3	126.6	126.6	*126.6*
5°	145.4	146.0	146.0	145.4	146.0	144.7	144.7	143.5	144.1	144.1	*144.7*
7.5°	174.7	174.7	175.3	175.3	175.9	174.7	175.3	174.7	175.3	175.3	*174.7*
10°	212.7	212.7	214.0	212.7	213.4	212.1	211.5	211.5	213.4	212.7	*212.1*
12.5°	255.8	257.0	256.4	255.8	257.0	255.8	254.5	255.2	257.7	256.4	*255.8*
15°	301.3	302.6	303.8	301.9	302.6	301.9	301.3	301.9	304.4	303.2	*302.6*
17.5°	347.5	348.1	349.4	346.9	347.5	348.1	347.5	348.1	350.0	349.4	*348.7*
20°	393.7	394.9	396.2	393.7	394.3	394.9	394.3	394.9	397.4	396.2	*395.5*
22.5°	442.3	442.9	445.4	442.3	443.6	444.2	442.9	444.2	446.7	445.4	*444.8*
25°	492.8	492.2	496.0	493.5	494.1	495.3	494.1	495.3	498.5	498.5	*496.6*
27.5°	544.6	544.6	547.7	545.9	547.1	546.5	547.7	549.0	552.1	552.7	*550.9*
30°	596.4	596.4	601.4	598.3	600.2	600.8	600.8	602.0	605.8	607.0	*604.5*
32.5°	648.2	648.2	650.7	651.3	652.6	653.2	654.4	654.4	659.4	660.0	*658.8*
35°	698.7	698.7	701.2	702.5	705.6	704.3	706.2	706.2	711.8	712.4	*711.8*
37.5°	746.8	747.4	750.5	751.7	754.2	754.2	755.5	756.7	761.7	763.6	*763.0*
40°	792.3	793.5	796.0	798.5	801.0	801.0	801.7	803.5	809.1	811.0	*810.4*
42.5°	833.5	834.1	837.8	841.6	844.1	844.1	844.7	846.0	852.2	854.7	*854.7*
45°	869.7	871.5	876.5	881.5	884.0	883.4	883.4	885.3	892.1	895.2	*895.2*
47.5°	903.3	905.8	911.5	916.4	918.9	918.9	918.3	920.2	927.7	931.4	*929.5*
50°	933.3	935.2	941.4	948.9	950.8	950.8	948.9	950.8	958.9	963.9	*963.9*
52.5°	958.2	960.1	967.6	975.7	978.2	977.6	975.1	977.0	985.1	990.7	*990.1*
55°	979.5	982.0	990.1	1000.0	1002.5	1000.7	997.6	999.4	1008.2	1015.6	*1015.0*
57.5°	998.8	1000.7	1010.0	1020.6	1024.4	1021.3	1016.9	1018.8	1028.7	1036.9	*1037.5*
60°	1015.0	1016.9	1027.5	1040.0	1043.1	1039.3	1033.7	1035.6	1046.8	1056.2	*1057.4*
62.5°	1028.7	1030.6	1042.5	1056.2	1060.6	1054.9	1048.1	1050.0	1062.4	1073.0	*1073.7*
65°	1040.0	1041.8	1055.6	1069.9	1074.3	1068.0	1059.9	1061.8	1075.5	1087.4	*1088.6*
67.5°	1048.7	1051.2	1066.8	1082.4	1086.1	1078.7	1069.3	1071.2	1086.1	1099.9	*1101.1*
70°	1056.2	1059.3	1075.5	1092.4	1096.7	1088.0	1076.8	1079.3	1096.1	1109.8	*1111.7*
72.5°	1061.8	1064.9	1082.4	1100.5	1105.5	1094.9	1082.4	1084.9	1103.0	1118.0	*1119.8*
75°	1065.6	1068.7	1087.4	1106.7	1111.1	1099.9	1086.1	1088.6	1107.3	1123.6	*1126.1*
77.5°	1067.4	1070.5	1090.5	1110.5	1114.8	1101.7	1087.4	1089.9	1109.2	1126.7	*1129.2*
80°	*1067.4*	*1069.9*	*1090.5*	*1111.7*	*1115.5*	*1102.4*	*1086.8*	*1088.6*	*1108.6*	*1127.3*	*1129.8*
82.5°	1065.6	1068.0	1089.3	1110.5	1114.2	1099.9	1083.6	1086.1	1106.7	1125.4	*1128.6*
85°	1061.2	1063.7	1084.9	1106.7	1110.5	1094.9	1078.0	1080.5	1101.1	1121.1	*1124.2*
87.5°	1054.9	1058.1	1078.7	1100.5	1103.6	1087.4	1071.2	1072.4	1094.2	1114.8	*1117.3*
90°	1047.5	1050.6	1069.9	1091.8	1094.9	1078.7	1061.8	1063.7	1084.9	1106.1	*1108.6*
92.5°	1038.7	1041.2	1059.9	1079.9	1083.6	1066.8	1050.6	1053.1	1074.3	1095.5	*1098.6*
95°	1027.5	1029.4	1046.8	1065.6	1068.7	1053.7	1037.5	1040.0	1061.2	1081.8	*1084.9*
97.5°	1013.8	1015.0	1030.6	1047.5	1051.2	1036.9	1021.9	1024.4	1045.0	1065.6	*1069.3*
100°	998.2	998.8	1012.5	1026.9	1030.0	1018.1	1004.4	1007.5	1026.9	1048.1	*1050.6*
102.5°	980.1	980.1	991.3	1003.2	1006.9	996.9	985.1	988.2	1006.9	1026.9	*1030.0*
105°	960.1	958.2	966.4	975.7	980.1	972.6	963.9	966.4	983.8	1003.2	*1006.9*
107.5°	935.2	933.3	938.9	947.0	951.4	945.8	938.9	942.7	957.6	975.7	*979.5*
110°	907.1	904.6	907.1	913.3	918.3	914.6	910.8	914.0	928.3	945.1	*947.6*

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Scaled Data Report

REPORT NUMBER: P856312
CATALOG NUMBER: FFX-CLB-60-740-U-FG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	874.7	871.5	872.2	876.5	880.9	880.3	877.8	882.8	894.6	908.3	*911.5*
115°	837.2	834.1	832.2	834.7	838.5	841.0	843.5	846.6	855.9	867.2	*872.2*
117.5°	797.9	792.9	789.8	789.8	794.2	798.5	802.9	807.3	813.5	824.1	*826.0*
120°	752.4	749.3	744.9	744.9	748.6	753.0	759.9	764.9	768.6	776.1	*778.6*
122.5°	707.5	703.1	698.7	698.7	701.2	707.5	716.8	721.2	723.1	727.4	*729.3*
125°	661.9	656.9	651.9	651.9	654.4	660.7	671.3	675.0	676.3	678.1	*680.0*
127.5°	615.7	610.8	606.4	604.5	608.3	613.3	623.9	628.8	629.5	629.5	*630.7*
130°	569.6	565.8	561.5	559.6	563.3	567.7	579.6	584.6	582.1	582.1	*582.7*
132.5°	525.9	522.2	517.8	516.6	519.1	524.7	535.3	539.6	537.8	535.3	*535.9*
135°	483.5	480.4	474.8	474.1	477.9	480.4	490.4	494.7	492.8	490.4	*491.0*
137.5°	442.9	439.8	434.8	434.2	437.9	441.1	448.6	452.9	450.4	447.9	*448.6*
140°	404.3	400.5	396.8	396.2	398.6	401.8	408.6	411.1	408.6	406.8	*407.4*
142.5°	368.1	365.6	361.2	361.2	362.5	365.0	370.6	373.1	370.6	368.1	*366.8*
145°	333.8	330.6	328.1	327.5	328.8	331.3	335.0	337.5	335.0	333.1	*331.9*
147.5°	303.2	300.7	298.2	298.2	298.8	300.7	303.8	304.4	302.6	301.3	*300.1*
150°	275.1	272.6	271.4	270.8	271.4	272.0	274.5	275.7	273.9	272.6	*271.4*
152.5°	249.5	247.7	246.4	247.0	247.0	247.7	248.3	248.9	247.0	247.0	*245.8*
155°	227.1	225.8	224.6	225.2	225.2	225.2	225.8	225.8	224.6	224.6	*224.0*
157.5°	208.4	207.1	206.5	207.1	207.1	206.5	207.1	207.1	205.9	205.9	*205.2*
160°	192.1	190.9	190.9	190.9	190.9	190.3	191.5	190.9	190.3	189.7	*189.7*
162.5°	179.0	177.8	177.8	178.4	177.8	177.8	177.8	177.8	177.2	177.2	*176.6*
165°	168.4	167.2	167.2	167.8	167.2	167.2	167.2	167.2	166.6	166.6	*166.6*
167.5°	159.7	159.1	159.1	159.1	159.1	158.5	159.1	159.1	158.5	158.5	*158.5*
170°	152.8	152.2	152.2	152.2	152.2	152.2	152.2	152.2	152.2	151.6	*151.6*
172.5°	148.5	147.9	147.9	147.9	147.9	147.9	147.9	147.9	147.2	147.2	*147.2*
175°	145.4	144.7	144.7	144.7	144.7	144.7	144.7	144.7	144.7	144.1	*144.1*
177.5°	143.5	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.2	*142.2*
180°	142.2	142.2	142.2	142.2	142.2	142.2	142.2	142.2	142.2	142.2	*142.2*

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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: SP1-2406-133-1

Test Date: 07/11/2024

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: v7.03

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

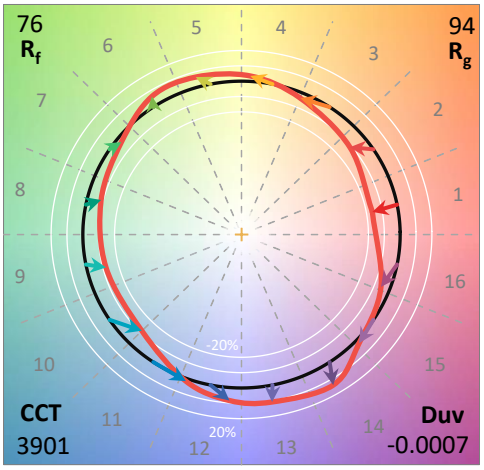
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2406-133-1
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-100-740-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3901
CIE u':	0.2273
CIE v':	0.5026
Duv:	-0.0007
CIE x:	0.3844
CIE y:	0.3776
CIE z:	0.2380
Peak Wavelength (nm):	451
Dominant Wavelength (nm):	579
Purity:	28.6799
Rf:	76.2
Rg:	94.4

CRI (Ra):	74.5				
R1:	71.8	R9:	-23.4
R2:	81.9	R10:	56.6
R3:	89.3	R11:	68.4
R4:	72.6	R12:	46.6
R5:	71.3	R13:	73.7
R6:	74.0	R14:	93.9
R7:	81.5	R15:	65.1
R8:	53.3		



Test Conditions

Stabilization Time:	0.818109M
Operation Time:	1H
Sphere Temperature (°C):	24.6

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: SP1-2406-133-1

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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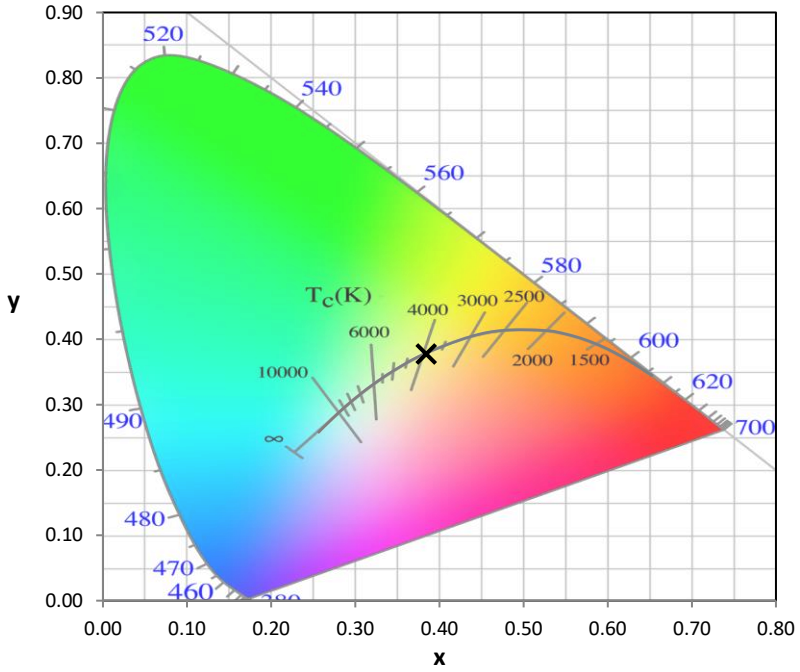
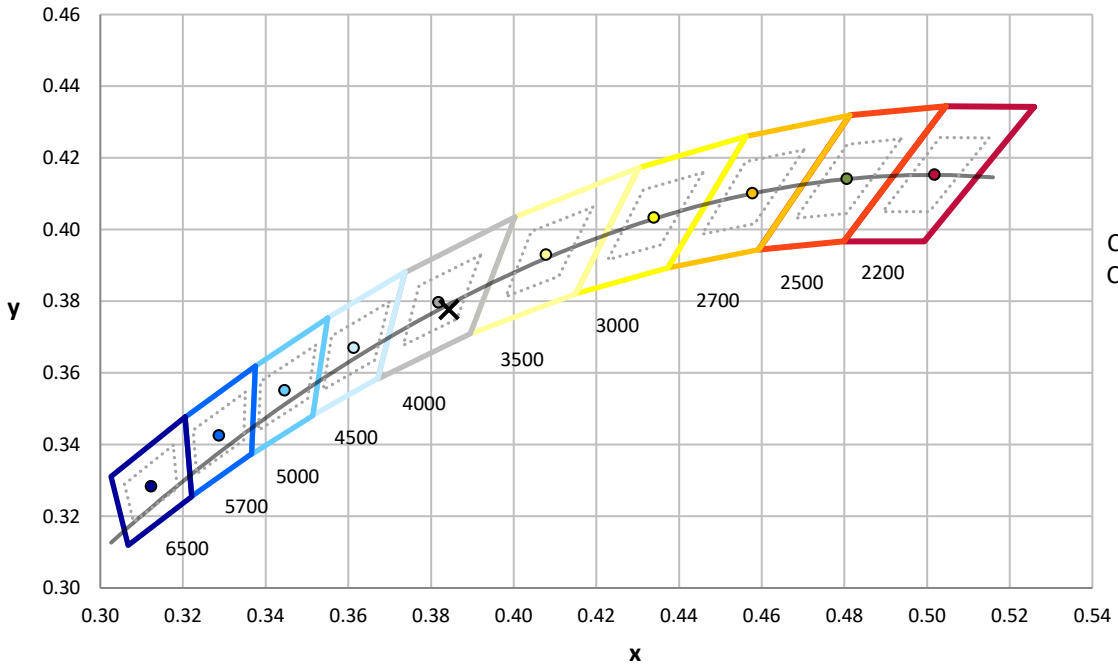
CIE 1931 Chromaticity Diagram



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



CCT = 3901K
CIE x = 0.3844
CIE y = 0.3776
Duv = -0.0007

Point lies inside the ANSI 4000K 4-step quadrangle

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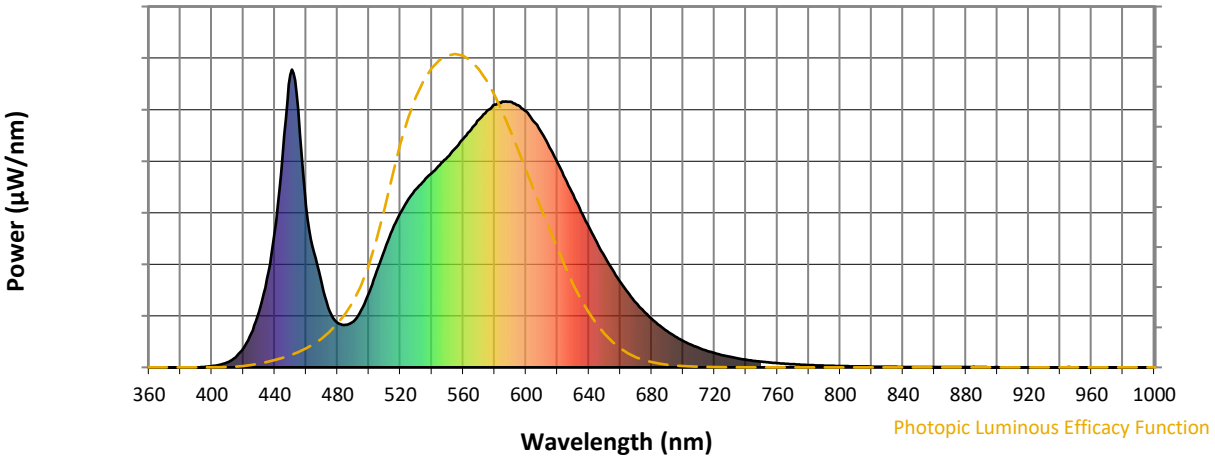
Photopic Flux vs. Wavelength



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	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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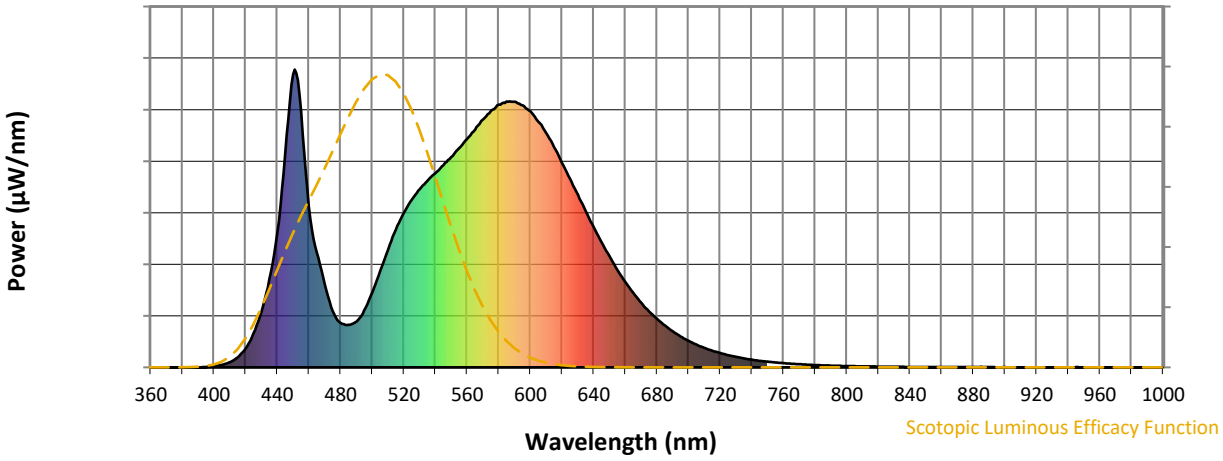
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.53**

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	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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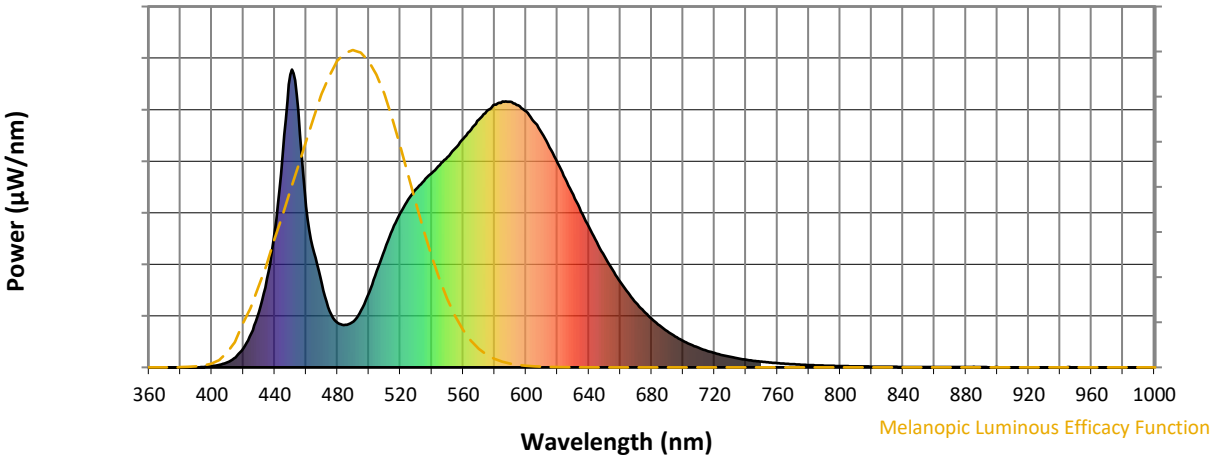
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.04**

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	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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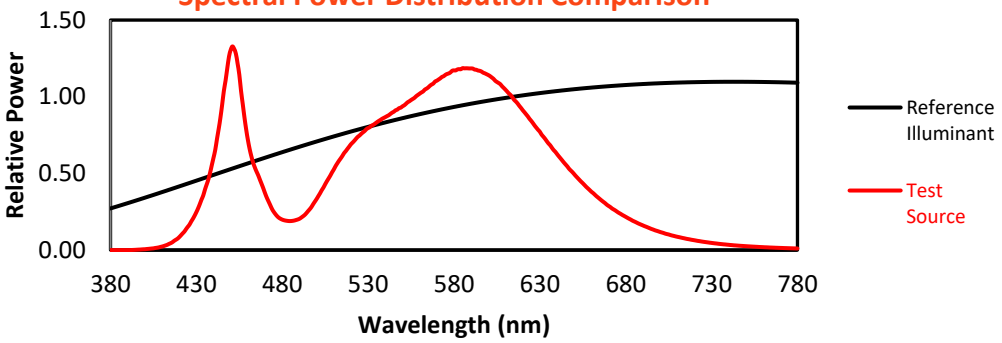
TM-30-18

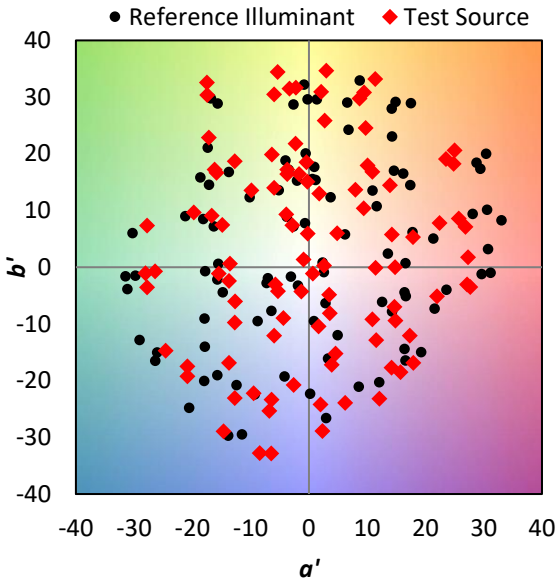
Summary

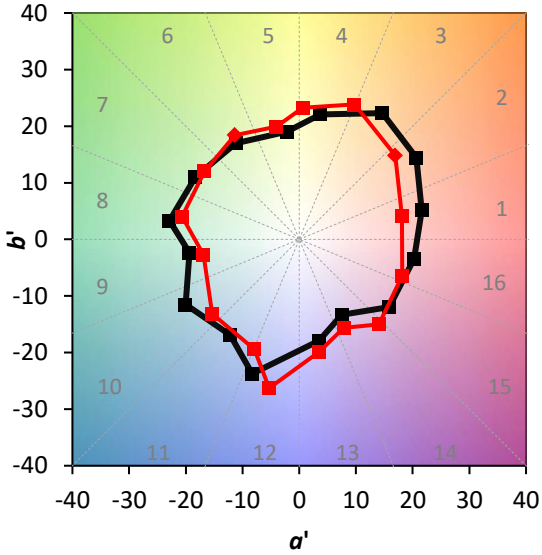
R_f = 76.2
R_g = 94.4
CIE R_a = 74.5
R_9 = -23.4

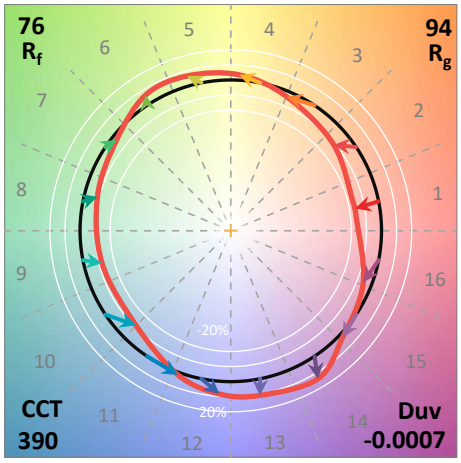
Spectral Power Distribution Comparison

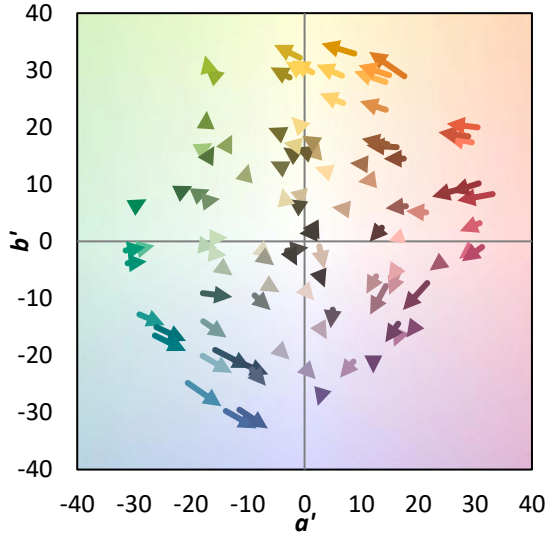


Color Vector Graphics









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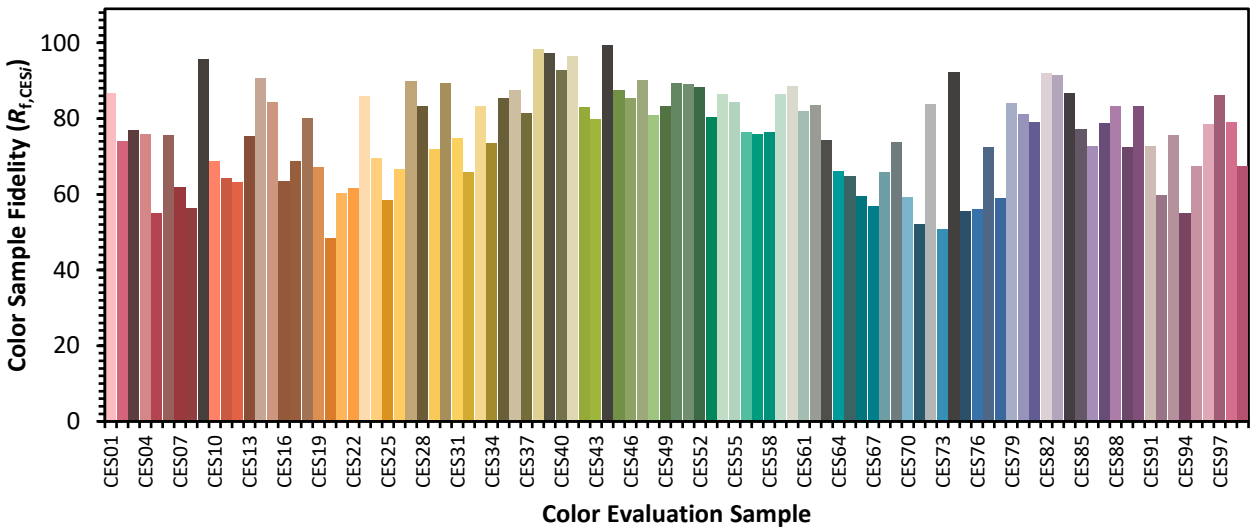
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 67	CES51 = 89	CES76 = 56
CES02 = 61	CES27 = 90	CES52 = 88	CES77 = 72
CES03 = 30	CES28 = 83	CES53 = 80	CES78 = 59
CES04 = 70	CES29 = 72	CES54 = 86	CES79 = 84
CES05 = 48	CES30 = 89	CES55 = 84	CES80 = 81
CES06 = 51	CES31 = 75	CES56 = 77	CES81 = 79
CES07 = 40	CES32 = 66	CES57 = 76	CES82 = 92
CES08 = 39	CES33 = 83	CES58 = 76	CES83 = 92
CES09 = 29	CES34 = 74	CES59 = 86	CES84 = 87
CES10 = 74	CES35 = 85	CES60 = 89	CES85 = 77
CES11 = 57	CES36 = 87	CES61 = 82	CES86 = 73
CES12 = 63	CES37 = 81	CES62 = 84	CES87 = 79
CES13 = 42	CES38 = 98	CES63 = 74	CES88 = 83
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 72
CES15 = 71	CES40 = 93	CES65 = 65	CES90 = 83
CES16 = 46	CES41 = 96	CES66 = 59	CES91 = 73
CES17 = 49	CES42 = 83	CES67 = 57	CES92 = 60
CES18 = 56	CES43 = 80	CES68 = 66	CES93 = 75
CES19 = 72	CES44 = 99	CES69 = 74	CES94 = 55
CES20 = 65	CES45 = 87	CES70 = 59	CES95 = 67
CES21 = 86	CES46 = 85	CES71 = 52	CES96 = 78
CES22 = 78	CES47 = 90	CES72 = 84	CES97 = 86
CES23 = 92	CES48 = 81	CES73 = 51	CES98 = 79
CES24 = 91	CES49 = 83	CES74 = 92	CES99 = 68
CES25 = 72	CES50 = 89	CES75 = 56	



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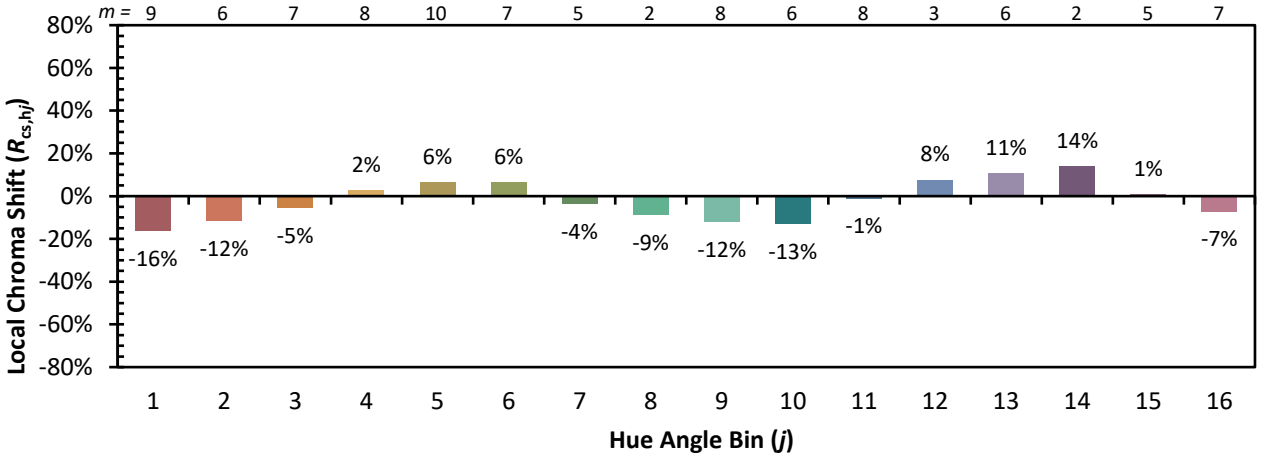
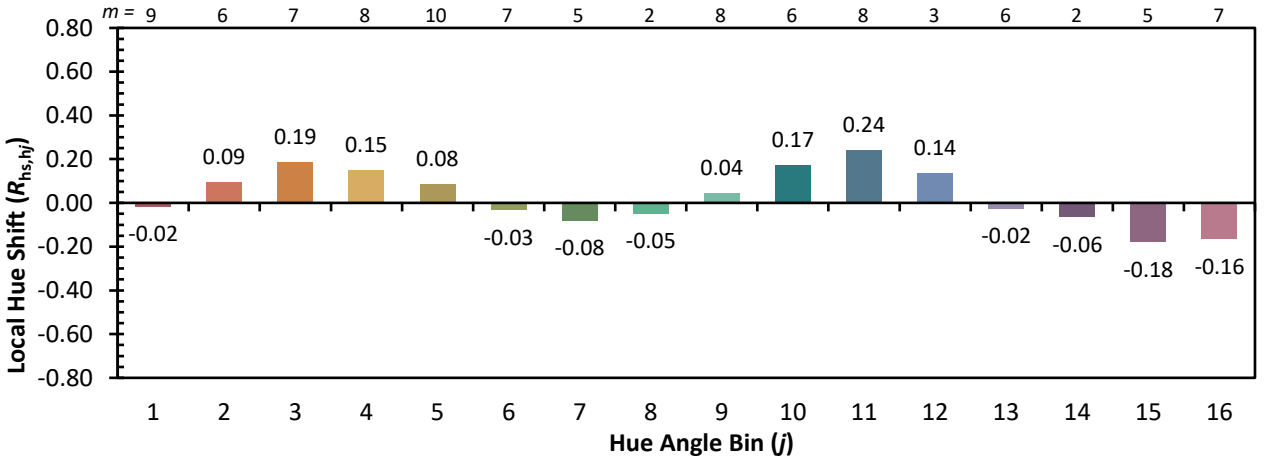
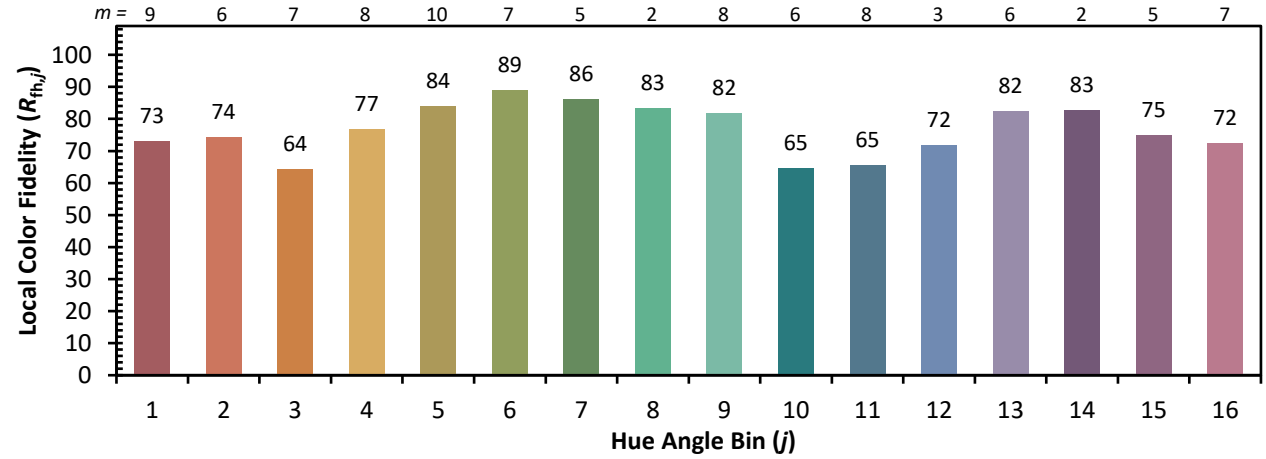
Color Rendition by Hue-Angle Bin







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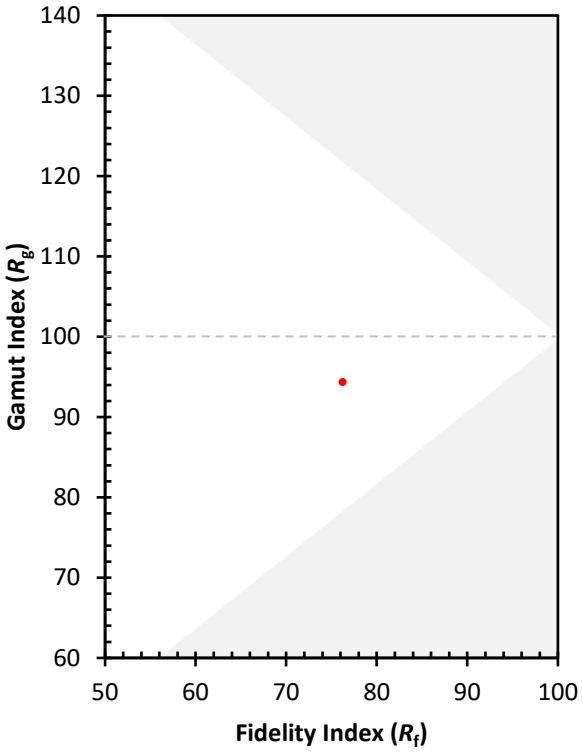
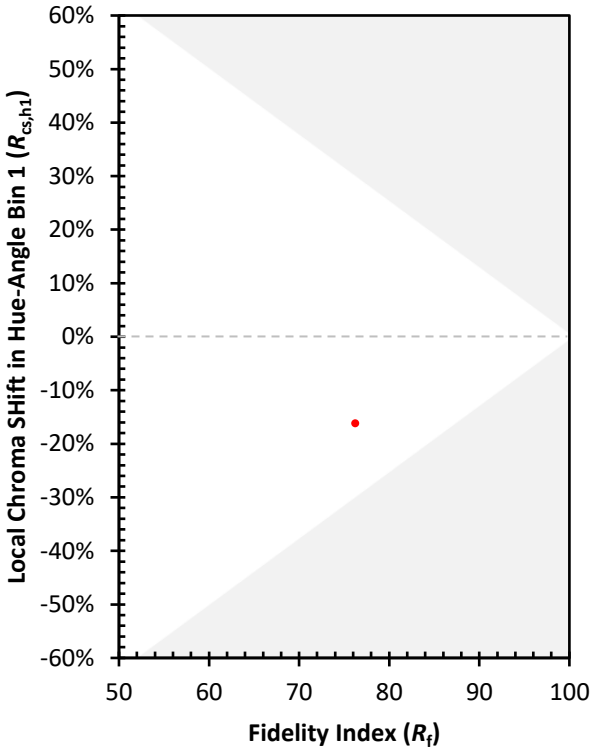
Measure Comparisons





(END OF REPORT)