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: P856411

Luminaire Tested: **FFX-CLB-60-750-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:	P856411
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-60-750-U-VM9
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK
Light Source:	(6) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9449.7 lumens
Efficiency:	N/A
Efficacy:	158.0 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):	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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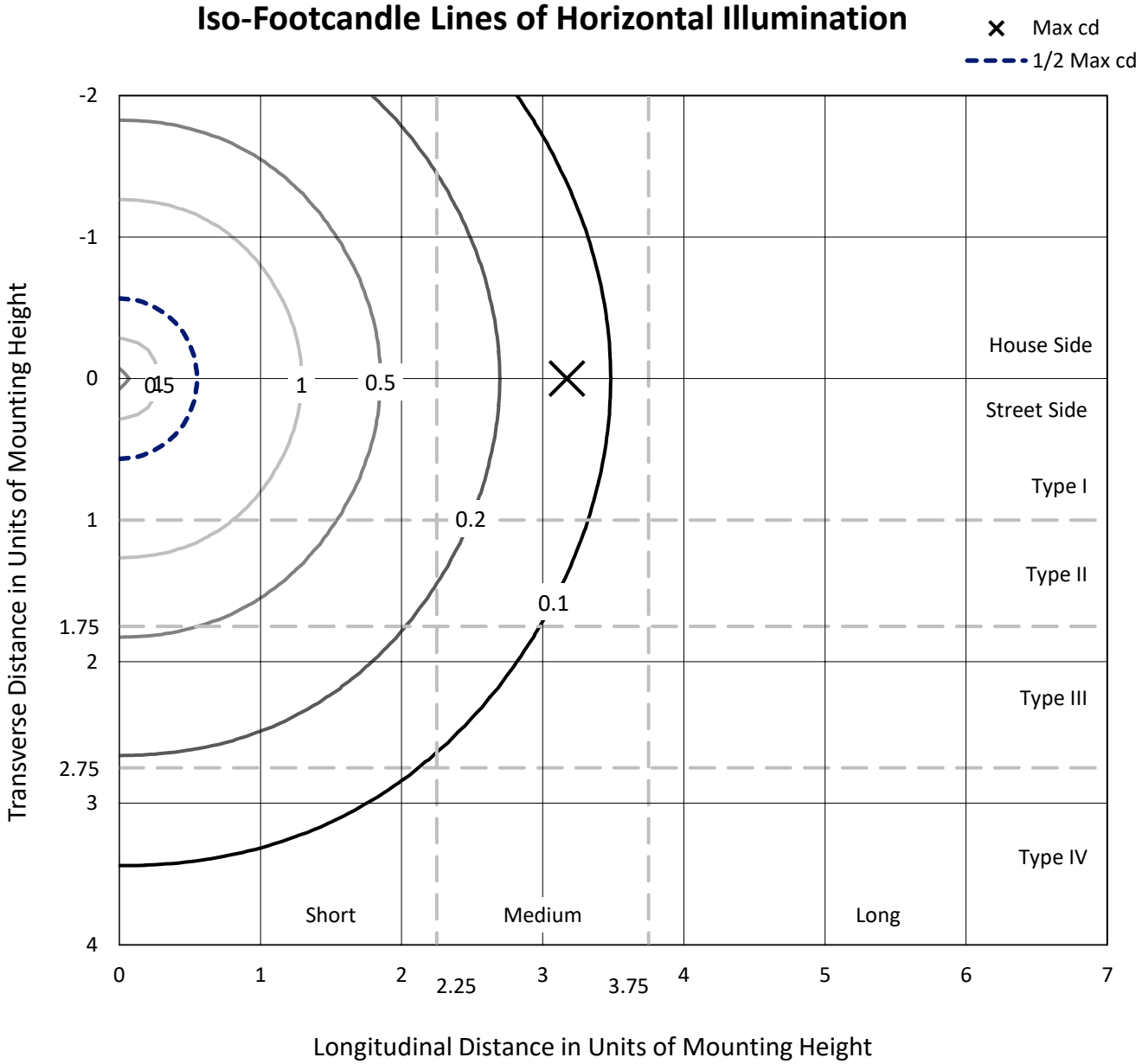
Scaled Data Report

REPORT NUMBER: P856411
CATALOG NUMBER: FFX-CLB-60-750-U-VM9

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 1.7 fc
Type V - Short - N/A

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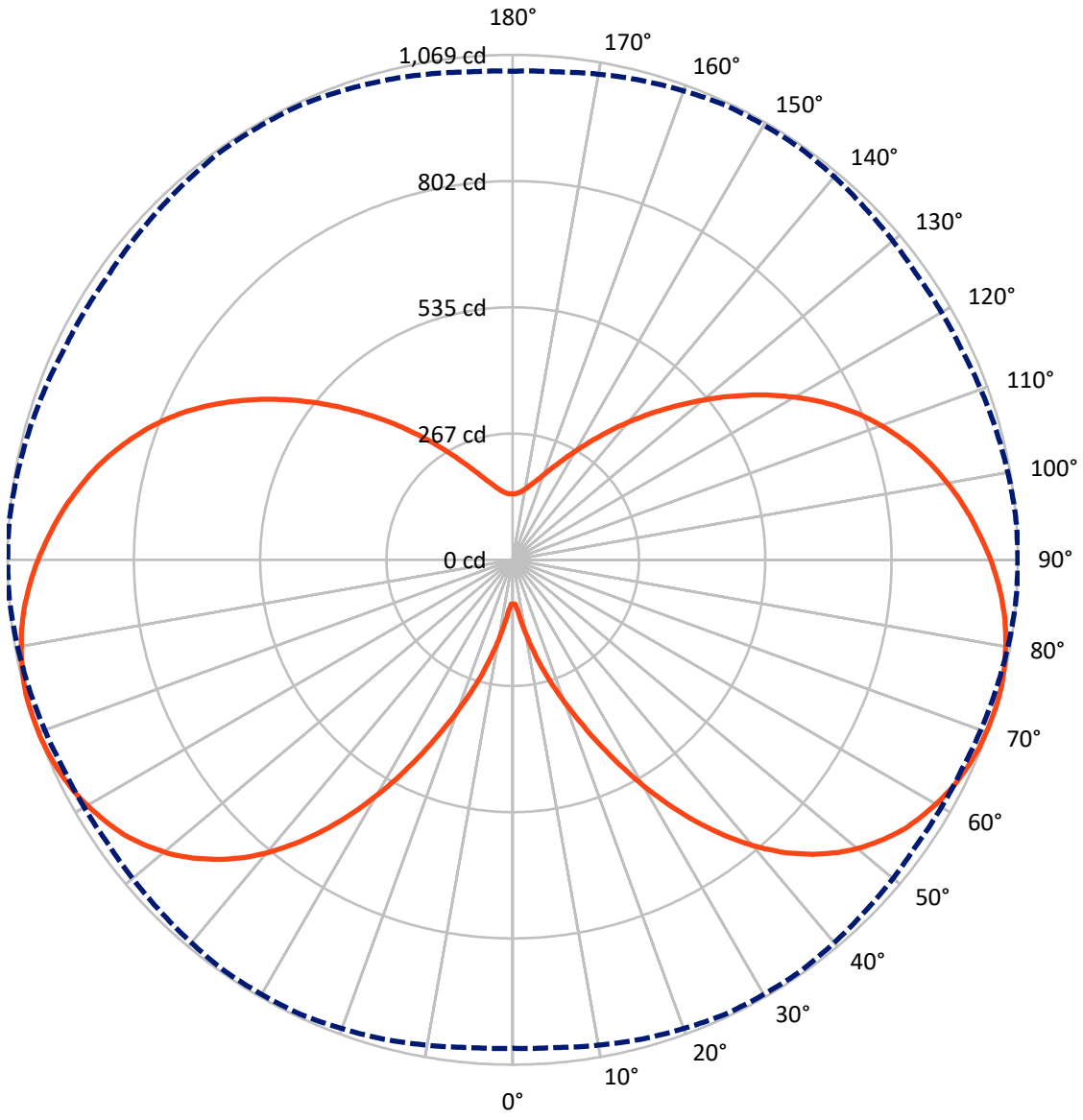
Luminous Intensity Polar Plot



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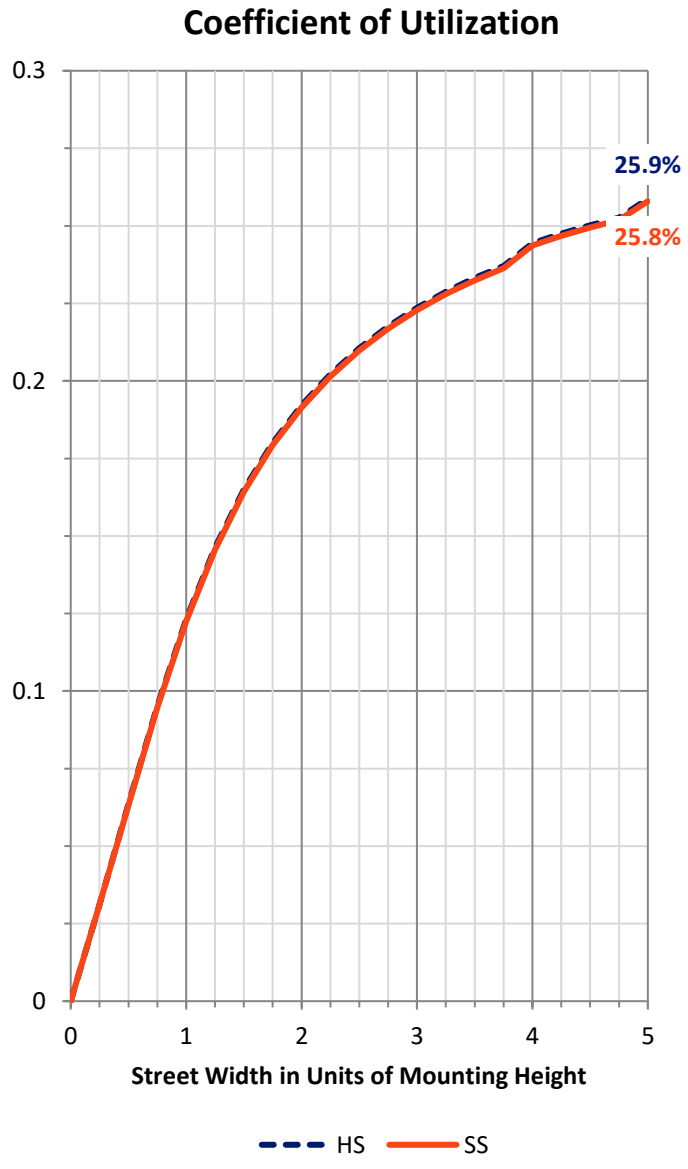
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2767.7	1957.1	4724.9
	% Fixture	29.3	20.7	50.0
Street Side	Lumens	2767.7	1957.1	4724.9
	% Fixture	29.3	20.7	50.0
Total	Lumens	5535.5	3914.3	9449.7
	% Fixture	58.6	41.4	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.1	0.1
10°-20°	70.9	0.8
20°-30°	204.8	2.2
30°-40°	426.1	4.5
40°-50°	676.2	7.2
50°-60°	887.6	9.4
60°-70°	1035.0	11.0
70°-80°	1111.7	11.8
80°-90°	1111.1	11.8
90°-100°	1040.1	11.0
100°-110°	912.6	9.7
110°-120°	733.9	7.8
120°-130°	527.1	5.6
130°-140°	338.8	3.6
140°-150°	196.6	2.1
150°-160°	103.2	1.1
160°-170°	48.1	0.5
170°-180°	13.8	0.1
0°-90°	5535.5	58.6
0°-180°	9449.7	100.0



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REPORT NUMBER: P856411
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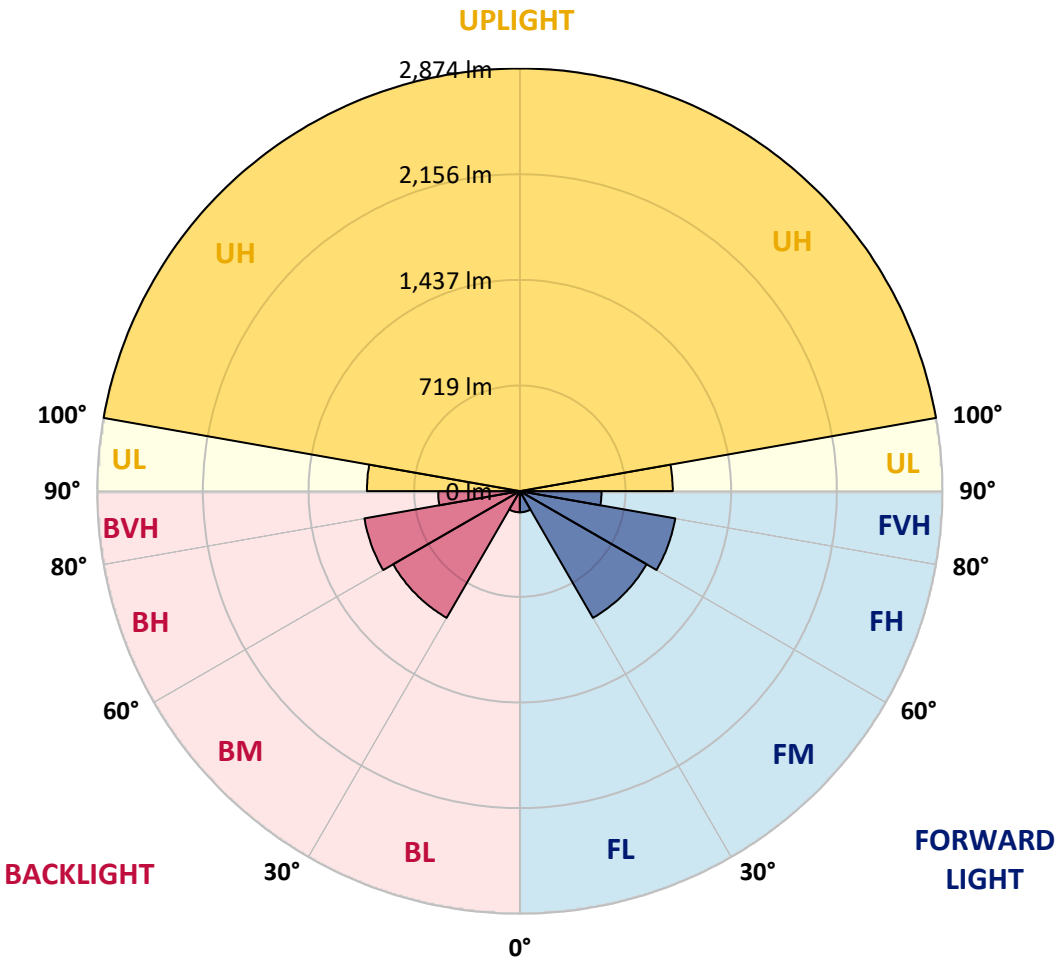
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	143.9	1.5			
FM	(30°-60°)	994.9	10.5			
FH	(60°-80°)	1073.3	11.4			G1/1800
FVH	(80°-90°)	555.6	5.9			G4/750
BL	(0°-30°)	143.9	1.5	B1/500		
BM	(30°-60°)	994.9	10.5	B1/1000		
BH	(60°-80°)	1073.3	11.4	B3/2500		G1/1800
BVH	(80°-90°)	555.6	5.9			G4/750
UL	(90°-100°)	1040.1	11.0		U5	
UH	(100°-180°)	2874.2	30.4		U5	

BUG Rating: B3-U5-G4
Type V Short



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Scaled Data Report

REPORT NUMBER: P856411
CATALOG NUMBER: FFX-CLB-60-750-U-VM9

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
2.5°	97.3	97.3	96.7	96.7	96.1	95.5	95.5	94.9	94.3	94.3	94.3
5°	108.3	107.7	107.7	107.7	107.7	107.1	107.7	107.1	107.1	107.1	107.7
7.5°	132.0	131.4	131.4	131.4	132.0	132.0	132.6	133.2	133.8	133.8	133.8
10°	163.0	162.4	162.4	161.8	163.0	163.0	163.6	162.4	164.2	164.2	164.8
12.5°	199.5	198.9	198.9	198.3	199.5	198.9	200.1	198.9	201.9	200.7	200.7
15°	239.0	239.0	238.4	237.8	239.7	239.7	240.9	240.9	242.7	241.5	242.1
17.5°	281.0	280.4	280.4	279.8	281.6	281.6	281.6	282.8	285.3	282.8	284.7
20°	326.0	325.4	325.4	324.8	326.6	326.6	327.9	328.5	330.9	329.1	330.3
22.5°	374.7	374.1	374.1	374.1	376.5	377.1	377.1	378.9	382.0	378.9	381.4
25°	428.8	428.2	428.2	430.0	431.9	432.5	433.7	436.1	439.2	436.1	439.2
27.5°	486.6	486.0	487.2	489.7	491.5	492.7	494.5	495.1	499.4	496.3	500.6
30°	546.2	545.6	546.8	549.9	552.3	556.0	556.0	557.8	563.9	559.6	563.9
32.5°	605.2	604.6	606.4	610.1	613.7	617.4	618.0	620.4	626.5	623.5	627.7
35°	663.6	663.0	665.4	670.3	674.0	677.6	678.8	681.3	687.9	684.9	689.2
37.5°	719.0	719.0	721.4	726.9	731.1	736.0	735.4	738.4	744.5	742.7	746.9
40°	770.7	770.7	773.7	780.4	785.3	788.3	787.7	790.7	797.4	796.8	800.5
42.5°	817.5	817.5	821.8	828.5	833.3	835.1	835.1	838.2	845.5	844.9	848.5
45°	857.0	858.9	863.7	871.0	875.3	877.1	875.9	878.9	886.8	886.8	889.9
47.5°	893.5	896.0	900.8	908.1	911.2	913.0	911.8	914.2	922.1	923.3	926.4
50°	925.2	927.0	933.1	941.0	944.0	944.0	942.2	944.6	953.1	955.6	958.0
52.5°	952.5	954.4	961.1	969.6	971.4	970.8	968.4	970.8	979.3	981.7	983.6
55°	974.4	976.3	984.2	992.7	994.5	992.7	989.0	992.1	1000.0	1003.6	1006.7
57.5°	992.1	993.9	1003.0	1011.5	1013.4	1009.7	1005.5	1008.5	1017.6	1021.9	1023.1
60°	1006.7	1008.5	1018.2	1027.4	1028.6	1024.3	1019.4	1022.5	1031.6	1036.5	1037.7
62.5°	1018.2	1020.1	1030.4	1040.7	1041.3	1035.9	1030.4	1033.4	1042.6	1048.0	1049.9
65°	1026.1	1028.0	1039.5	1049.9	1051.1	1044.4	1038.9	1042.0	1050.5	1057.2	1058.4
67.5°	1031.6	1033.4	1046.2	1057.2	1057.8	1050.5	1044.4	1046.8	1056.6	1063.2	1064.5
70°	1034.0	1035.9	1049.3	1060.8	1061.4	1053.5	1046.2	1049.3	1059.0	1066.9	1068.1
72.5°	1034.7	1037.1	1051.1	1062.6	1063.2	1054.1	1046.8	1049.3	1059.6	1068.7	1069.3
75°	1032.2	1035.3	1049.9	1062.0	1062.0	1051.7	1043.8	1046.2	1057.8	1067.5	1069.3
77.5°	1029.2	1031.0	1046.2	1058.4	1057.8	1046.8	1037.7	1041.3	1052.9	1063.9	1065.1
80°	1022.5	1024.9	1040.1	1051.7	1050.5	1038.3	1029.8	1033.4	1045.6	1057.2	1058.4
82.5°	1014.0	1016.4	1031.6	1042.0	1040.7	1028.0	1019.4	1023.7	1036.5	1048.6	1049.9
85°	1003.6	1006.1	1020.7	1030.4	1028.6	1015.8	1007.3	1010.9	1024.9	1037.1	1038.3
87.5°	990.3	992.7	1007.3	1015.8	1014.0	1000.6	993.3	998.2	1010.9	1023.7	1024.3
90°	975.0	978.1	990.9	998.8	996.3	984.2	977.5	982.3	995.1	1007.3	1008.5
92.5°	959.8	961.1	973.2	979.9	978.1	967.1	961.1	966.5	978.1	990.3	990.3
95°	941.6	943.4	954.4	959.8	958.0	948.9	943.4	949.5	959.8	971.4	972.0
97.5°	922.1	924.0	933.1	938.6	936.7	928.8	925.2	931.3	940.4	951.3	951.9
100°	901.4	902.7	910.6	915.4	913.6	907.5	905.1	911.2	919.7	930.0	930.0
102.5°	878.3	879.5	885.6	888.7	888.1	883.2	883.2	889.9	896.6	906.3	907.5
105°	854.0	855.2	859.5	861.3	860.7	858.9	860.1	866.8	872.2	880.8	882.0
107.5°	826.6	827.8	830.3	830.9	830.9	830.9	835.1	841.2	847.3	853.4	854.0
110°	797.4	798.0	799.9	799.3	799.3	800.5	806.6	813.2	818.1	824.2	824.8

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Scaled Data Report

REPORT NUMBER: P856411
CATALOG NUMBER: FFX-CLB-60-750-U-VM9

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	765.8	766.4	767.6	765.2	765.8	768.2	776.1	783.4	786.5	792.6	*792.6*
115°	732.3	731.7	733.0	729.9	729.3	733.6	742.1	750.6	753.0	757.3	*757.9*
117.5°	695.9	696.5	695.9	692.2	691.6	697.7	705.6	713.5	716.5	721.4	*720.2*
120°	658.1	657.5	658.1	653.9	653.3	660.0	667.9	675.8	677.6	681.9	*680.6*
122.5°	619.8	619.2	618.6	614.3	614.3	619.8	629.6	637.5	636.2	641.1	*640.5*
125°	580.3	580.3	579.1	574.8	574.8	581.5	589.4	596.7	595.5	601.0	*599.1*
127.5°	541.4	541.4	540.1	536.5	536.5	542.6	549.9	557.2	555.3	560.2	*558.4*
130°	503.0	503.0	501.8	498.2	498.2	503.0	510.9	517.0	514.6	518.8	*518.2*
132.5°	466.5	465.9	465.3	461.7	462.3	467.1	473.2	478.7	476.3	481.1	*479.3*
135°	431.3	430.7	430.0	426.4	427.0	431.9	437.3	441.6	439.8	442.8	*442.2*
137.5°	397.8	397.2	396.6	393.5	394.2	397.8	403.3	406.9	404.5	408.8	*406.9*
140°	366.2	365.6	364.3	362.5	363.1	366.8	369.8	374.1	371.6	375.3	*373.5*
142.5°	335.8	335.8	334.5	332.7	333.3	337.0	339.4	342.5	340.0	343.1	*341.8*
145°	307.8	307.8	306.6	305.3	305.3	308.4	310.2	313.3	310.8	313.9	*312.6*
147.5°	282.2	282.2	281.0	279.8	279.8	282.8	284.1	286.5	284.1	286.5	*285.3*
150°	258.5	258.5	257.9	256.7	257.3	258.5	259.7	261.6	259.7	261.6	*260.9*
152.5°	237.8	237.8	237.2	236.6	236.0	237.8	238.4	240.3	238.4	240.3	*239.0*
155°	219.6	219.0	219.0	217.8	217.8	219.0	219.6	220.8	219.0	220.8	*220.2*
157.5°	203.2	203.2	202.6	201.9	201.9	202.6	203.2	203.8	202.6	204.4	*203.2*
160°	189.2	189.2	188.6	188.0	188.0	188.6	188.6	189.2	188.0	189.2	*188.6*
162.5°	177.0	177.0	176.4	176.4	175.8	176.4	177.0	177.0	176.4	177.0	*176.4*
165°	167.3	167.3	166.7	166.1	166.1	166.7	166.7	167.3	166.1	166.7	*166.7*
167.5°	158.1	158.1	158.1	157.5	156.9	157.5	157.5	157.5	156.9	157.5	*157.5*
170°	151.5	151.5	151.5	150.8	150.2	150.8	150.8	150.8	150.2	150.8	*150.8*
172.5°	146.0	146.0	146.0	145.4	145.4	145.4	145.4	145.4	145.4	145.4	*145.4*
175°	142.3	142.3	142.3	142.3	141.7	142.3	142.3	142.3	142.3	142.3	*141.7*
177.5°	140.5	139.9	139.9	139.9	139.9	139.9	139.9	139.9	139.9	139.9	*139.9*
180°	139.3	139.3	139.3	139.3	139.3	139.3	139.3	139.3	139.3	139.3	*139.3*

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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: SP1-2406-133-5

Test Date: 07/12/2024

Luminaire Tested: FFX-CLB-100-750-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-750-U-FR-T5.

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.03

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

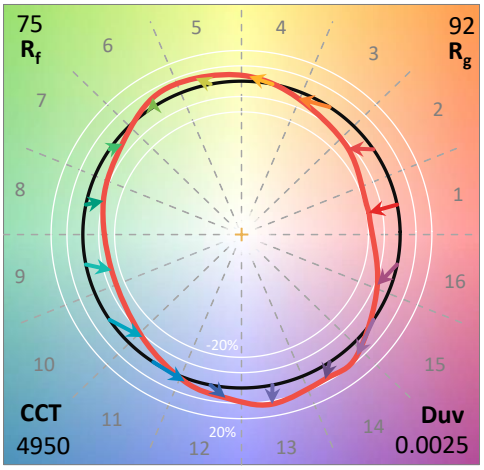
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2406-133-5
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-100-750-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	4950
CIE u':	0.2102
CIE v':	0.4882
Duv:	0.0025
CIE x:	0.3471
CIE y:	0.3583
CIE z:	0.2946
Peak Wavelength (nm):	452
Dominant Wavelength (nm):	571
Purity:	11.64963
Rf:	74.8
Rg:	92.4

CRI (Ra):	73.0
R1:	69.1
R2:	80.1
R3:	87.3
R4:	70.6
R5:	69.4
R6:	71.2
R7:	82.5
R8:	53.6
R9:	-35.4
R10:	51.9
R11:	66.1
R12:	40.1
R13:	71.5
R14:	93.0
R15:	62.2



Test Conditions

Stabilization Time:	0.803355M
Operation Time:	1H
Sphere Temperature (°C):	24.7

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: SP1-2406-133-5

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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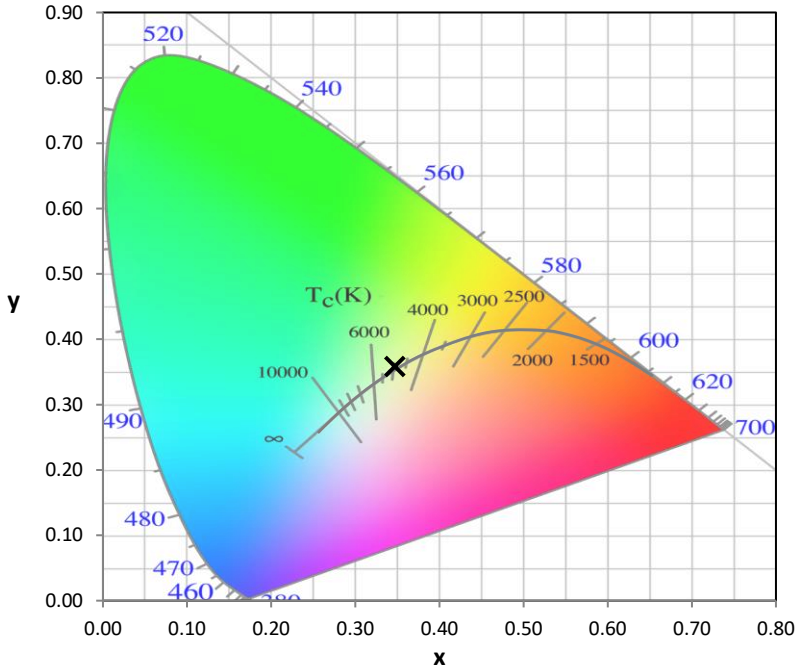
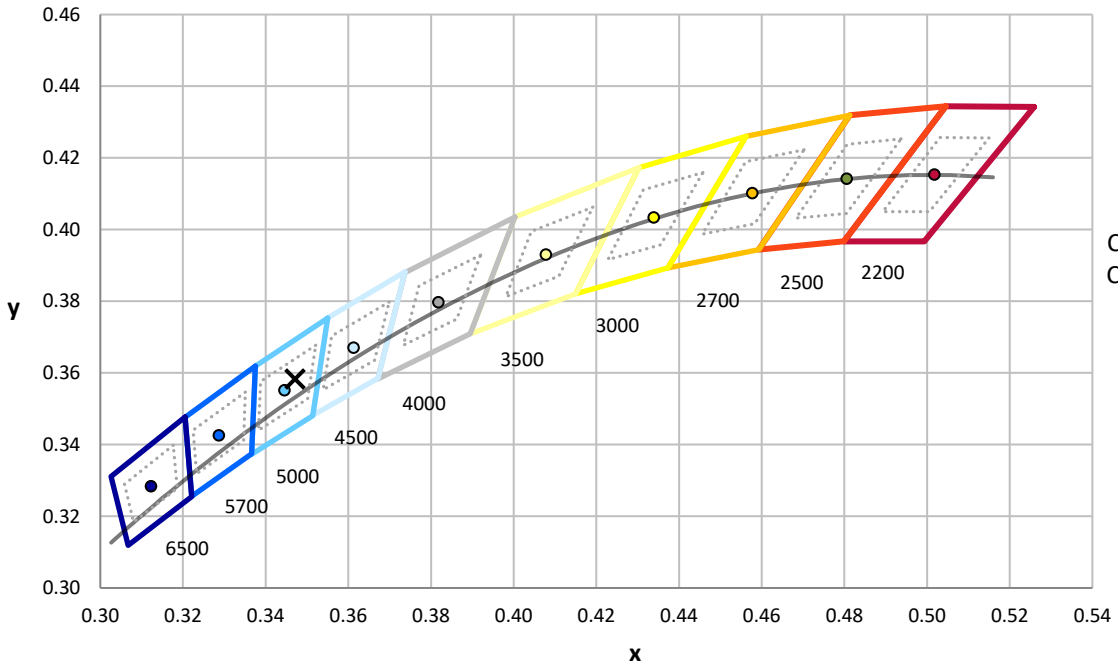
REPORT NUMBER: SP1-2406-133-5

CIE 1931 Chromaticity Diagram



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



CCT = 4950K
CIE x = 0.3471
CIE y = 0.3583
Duv = 0.0025

Point lies inside the ANSI 5000K 4-step quadrangle

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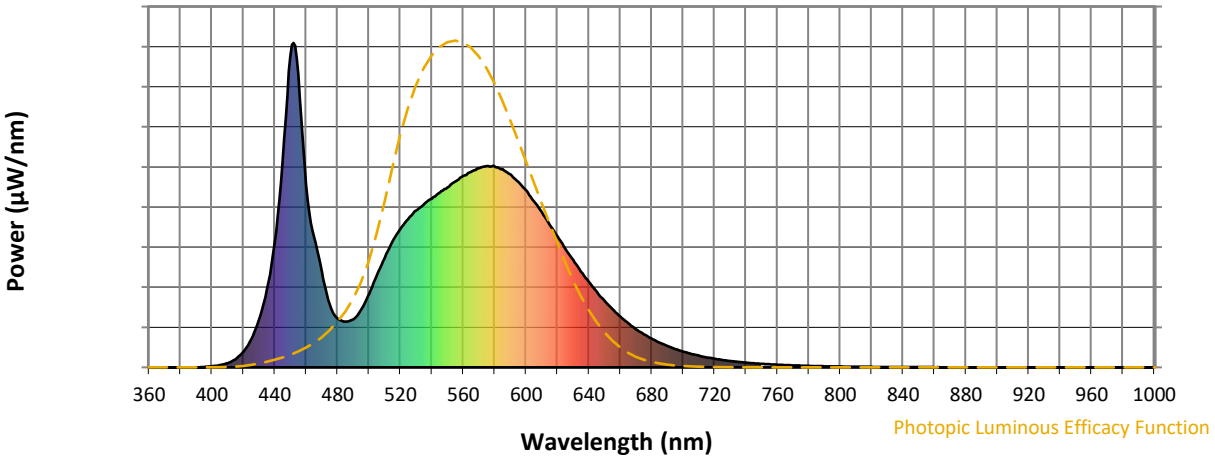
Peachtree City, GA 30269

REPORT NUMBER: SP1-2406-133-5

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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

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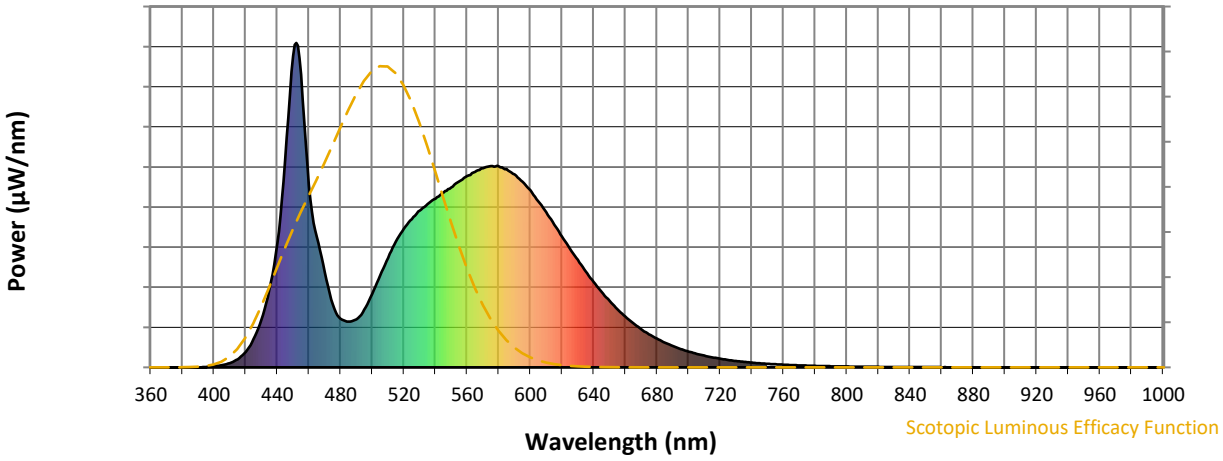
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.8**

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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

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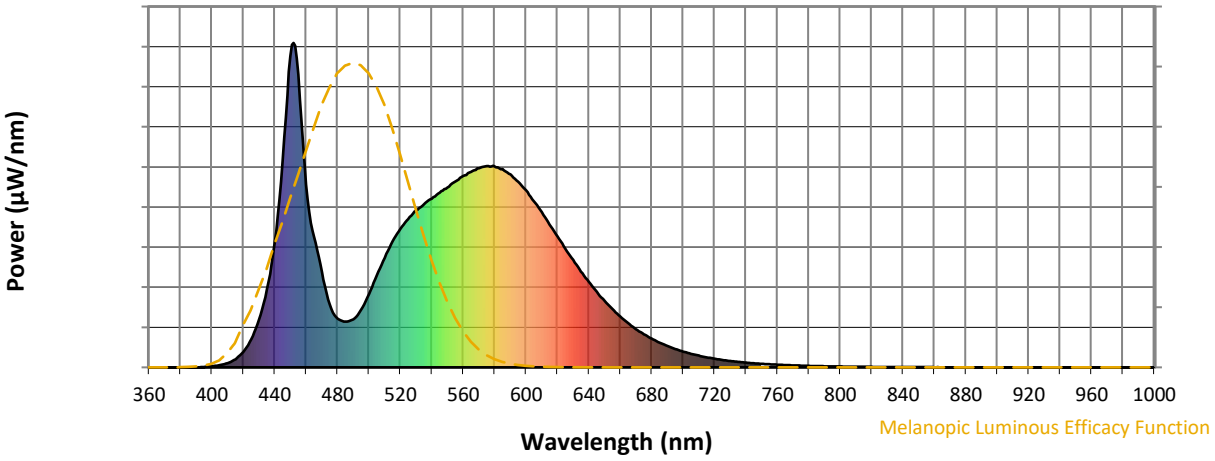
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

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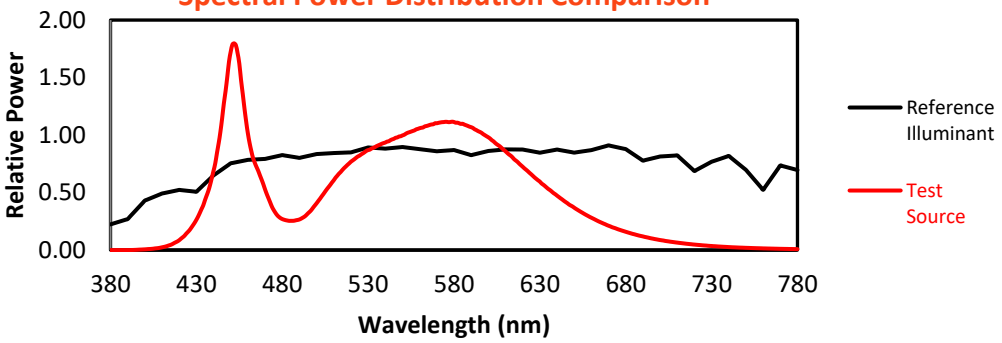
TM-30-18

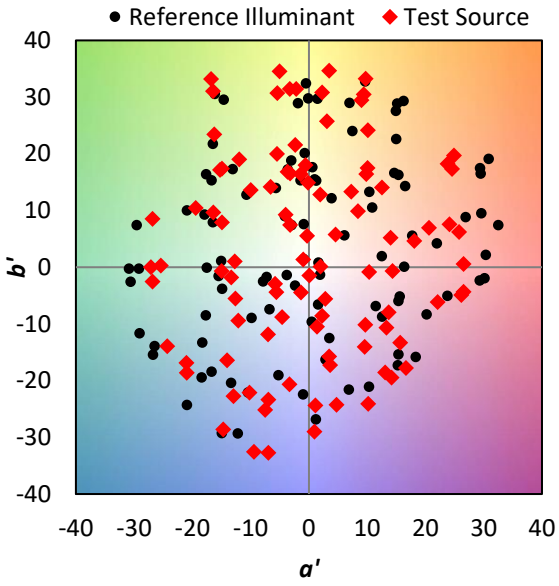
Summary

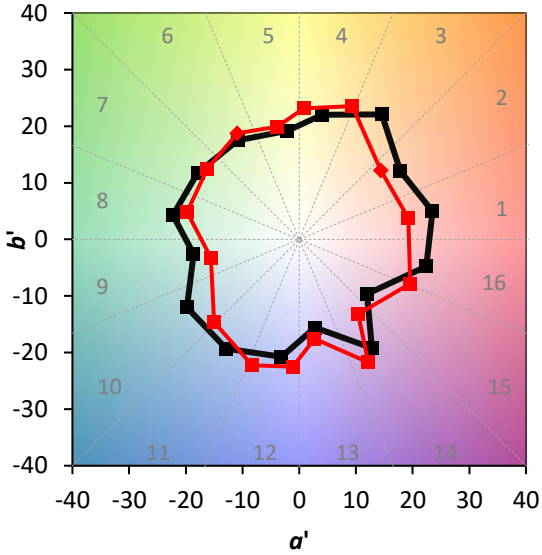
R_f = 74.8
R_g = 92.4
CIE R_a = 73.0
R_9 = -35.4

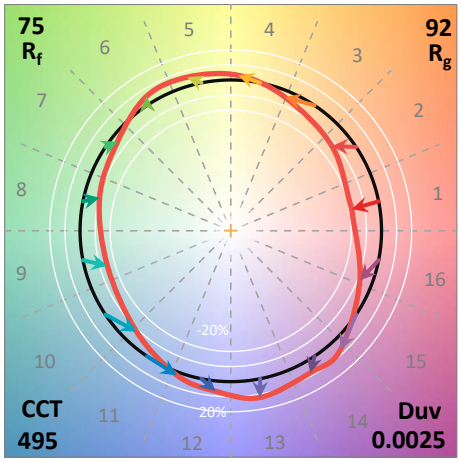
Spectral Power Distribution Comparison

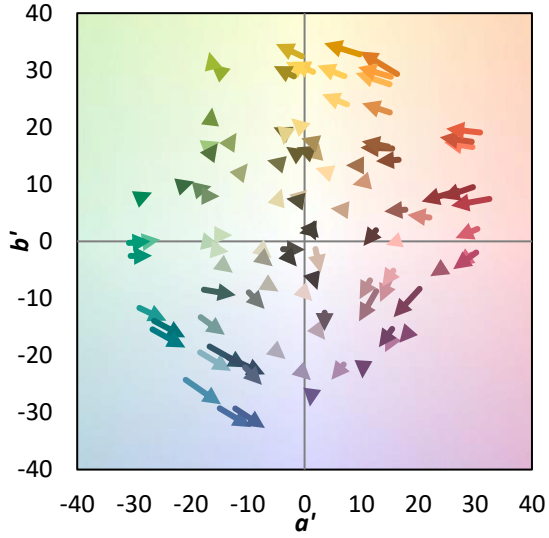


Color Vector Graphics









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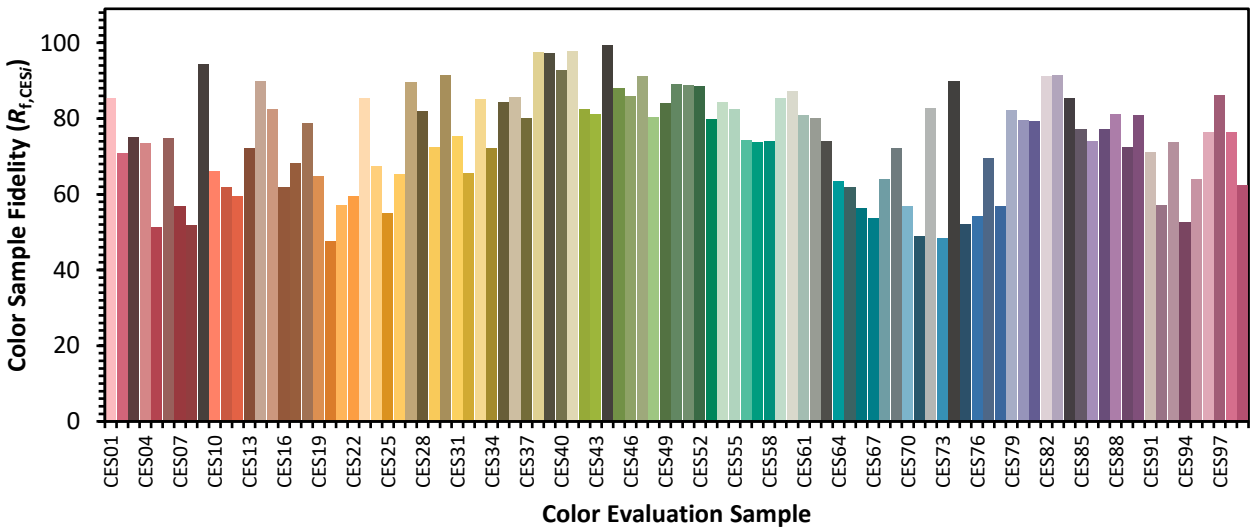
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 65	CES51 = 89	CES76 = 54
CES02 = 60	CES27 = 90	CES52 = 88	CES77 = 69
CES03 = 30	CES28 = 82	CES53 = 80	CES78 = 57
CES04 = 69	CES29 = 72	CES54 = 84	CES79 = 82
CES05 = 46	CES30 = 91	CES55 = 82	CES80 = 79
CES06 = 50	CES31 = 75	CES56 = 74	CES81 = 79
CES07 = 39	CES32 = 66	CES57 = 74	CES82 = 91
CES08 = 38	CES33 = 85	CES58 = 74	CES83 = 91
CES09 = 29	CES34 = 72	CES59 = 85	CES84 = 85
CES10 = 73	CES35 = 84	CES60 = 87	CES85 = 77
CES11 = 56	CES36 = 86	CES61 = 81	CES86 = 74
CES12 = 62	CES37 = 80	CES62 = 80	CES87 = 77
CES13 = 41	CES38 = 98	CES63 = 74	CES88 = 81
CES14 = 74	CES39 = 97	CES64 = 63	CES89 = 72
CES15 = 70	CES40 = 93	CES65 = 62	CES90 = 81
CES16 = 46	CES41 = 98	CES66 = 56	CES91 = 71
CES17 = 49	CES42 = 83	CES67 = 54	CES92 = 57
CES18 = 55	CES43 = 81	CES68 = 64	CES93 = 74
CES19 = 71	CES44 = 99	CES69 = 72	CES94 = 53
CES20 = 64	CES45 = 88	CES70 = 57	CES95 = 64
CES21 = 85	CES46 = 86	CES71 = 49	CES96 = 76
CES22 = 77	CES47 = 91	CES72 = 83	CES97 = 86
CES23 = 91	CES48 = 80	CES73 = 48	CES98 = 77
CES24 = 90	CES49 = 84	CES74 = 90	CES99 = 62
CES25 = 71	CES50 = 89	CES75 = 52	



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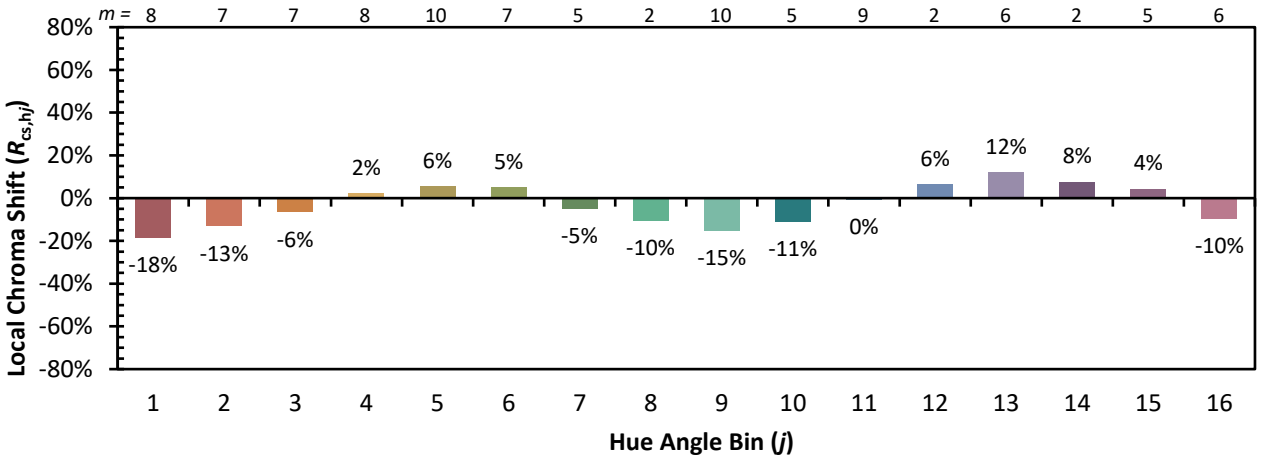
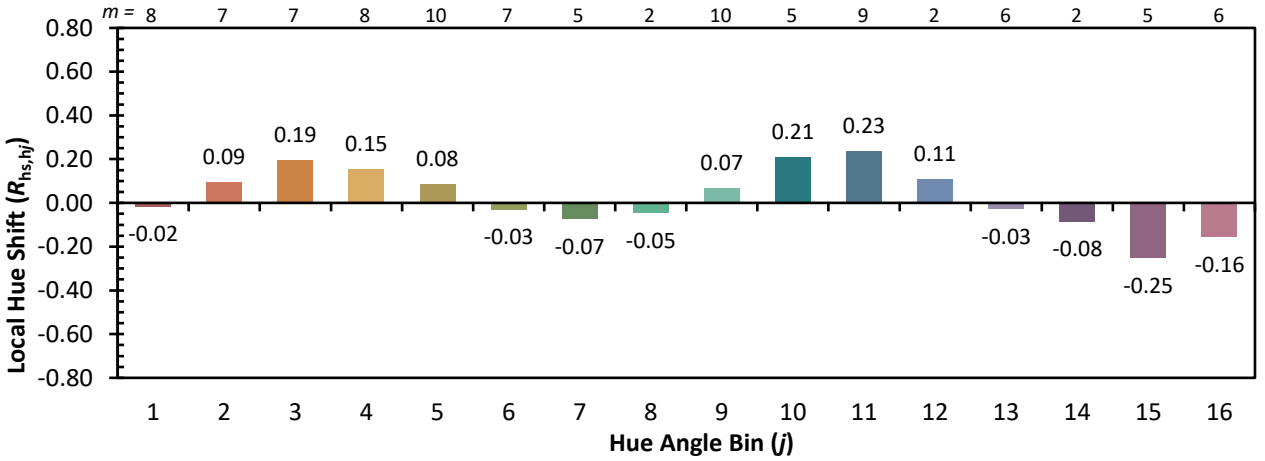
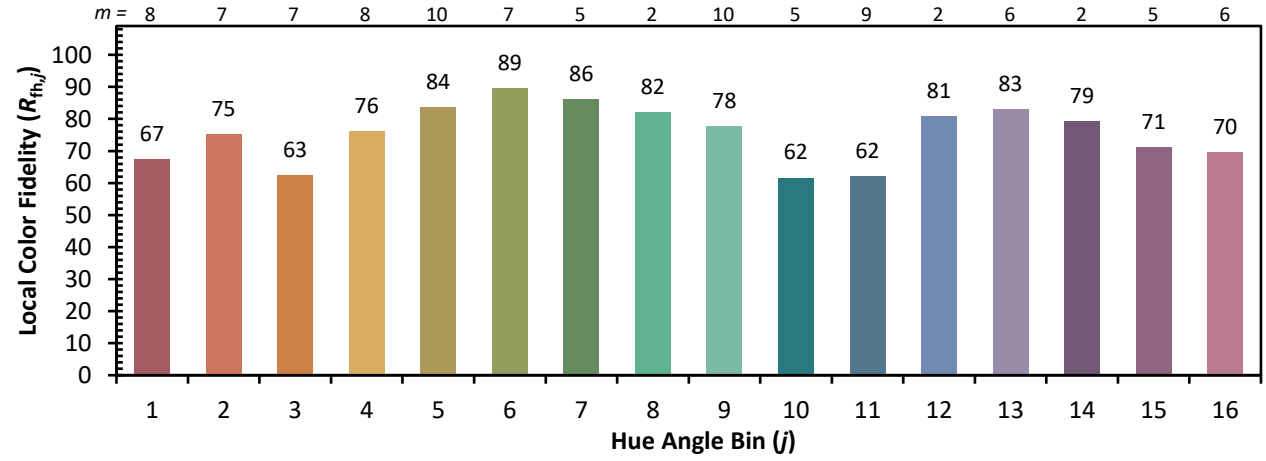
Color Rendition by Hue-Angle Bin







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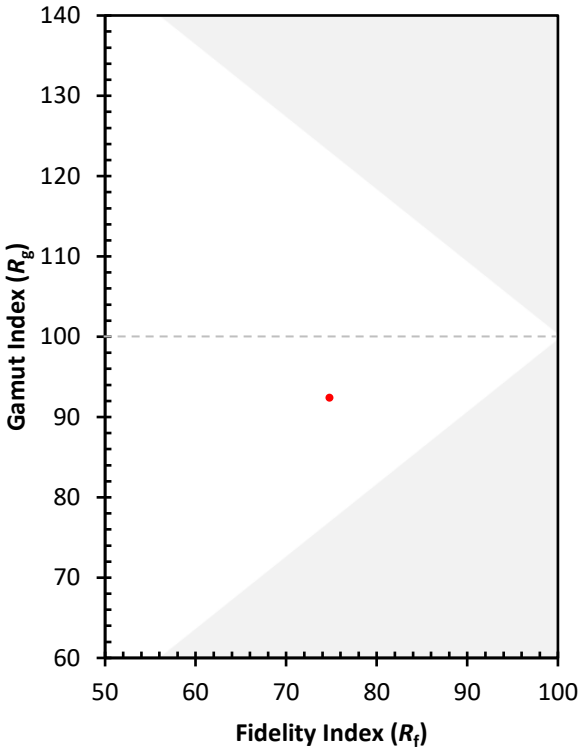
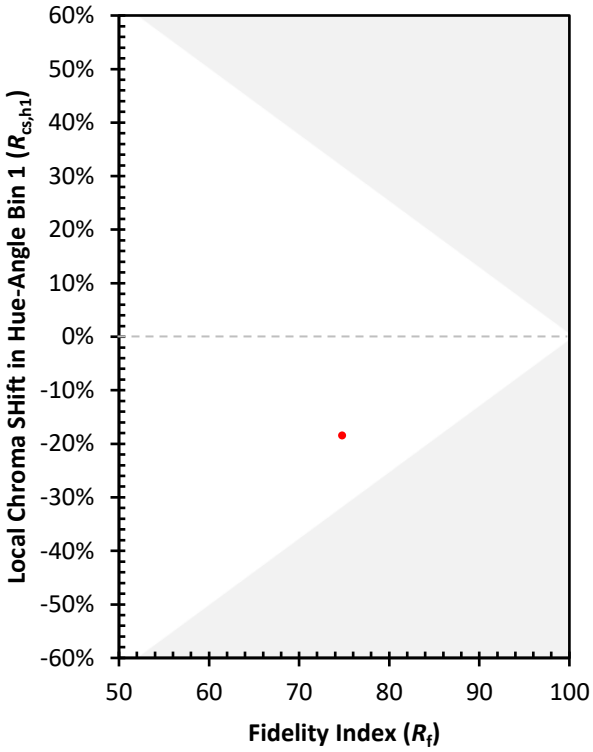
Measure Comparisons





(END OF REPORT)