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: P981086

Luminaire Tested: **FFX-CLB-60-750-U-FR-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:	P981086
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-60-750-U-FR-T5
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS
Light Source:	(6) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10081.4 lumens
Efficiency:	N/A
Efficacy:	166.4 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G3

Input Watts (W):	60.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	8.53%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

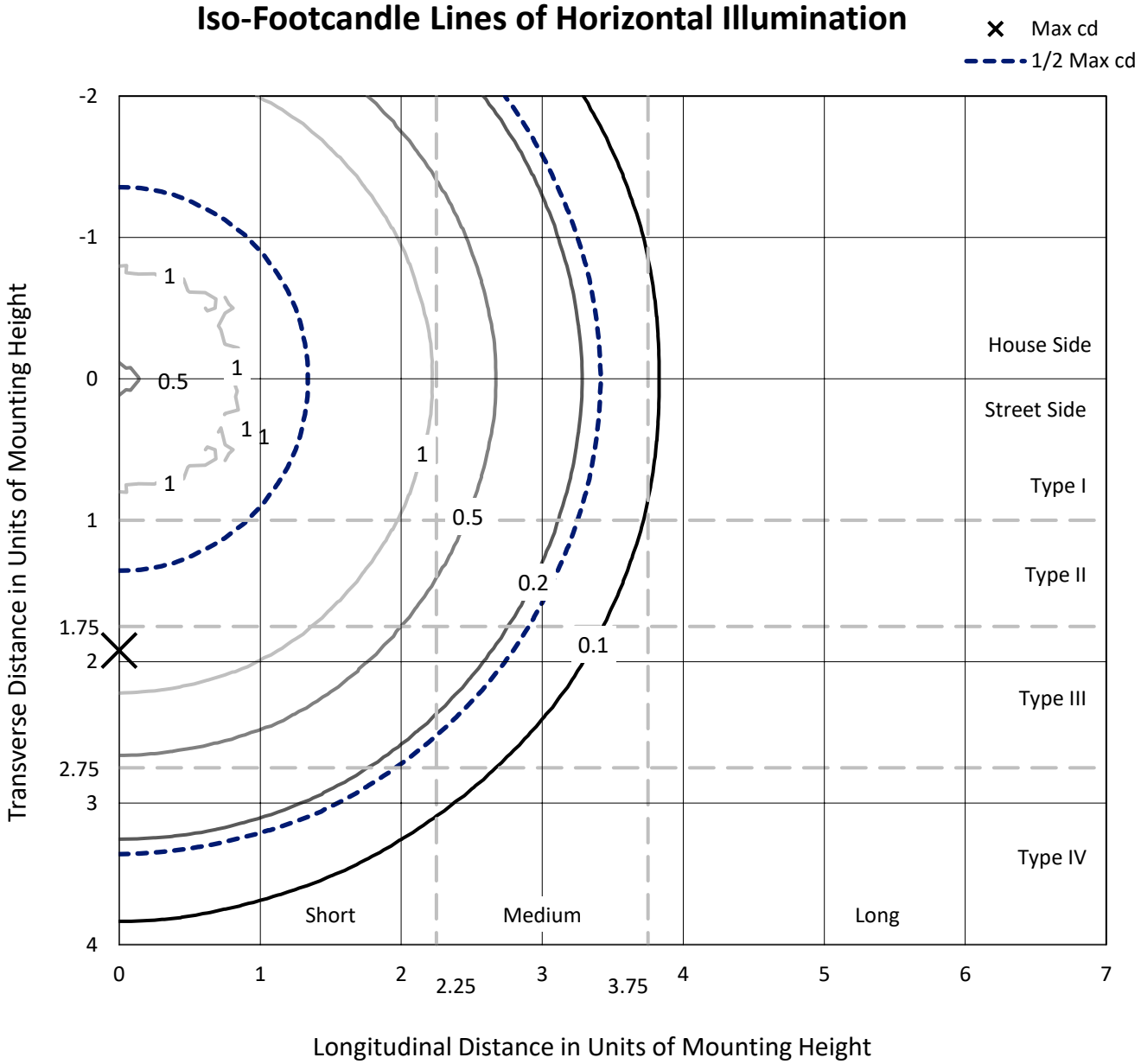


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Scaled Data Report

REPORT NUMBER: P981086
CATALOG NUMBER: FFX-CLB-60-750-U-FR-T5

Iso-Footcandle Lines of Horizontal Illumination



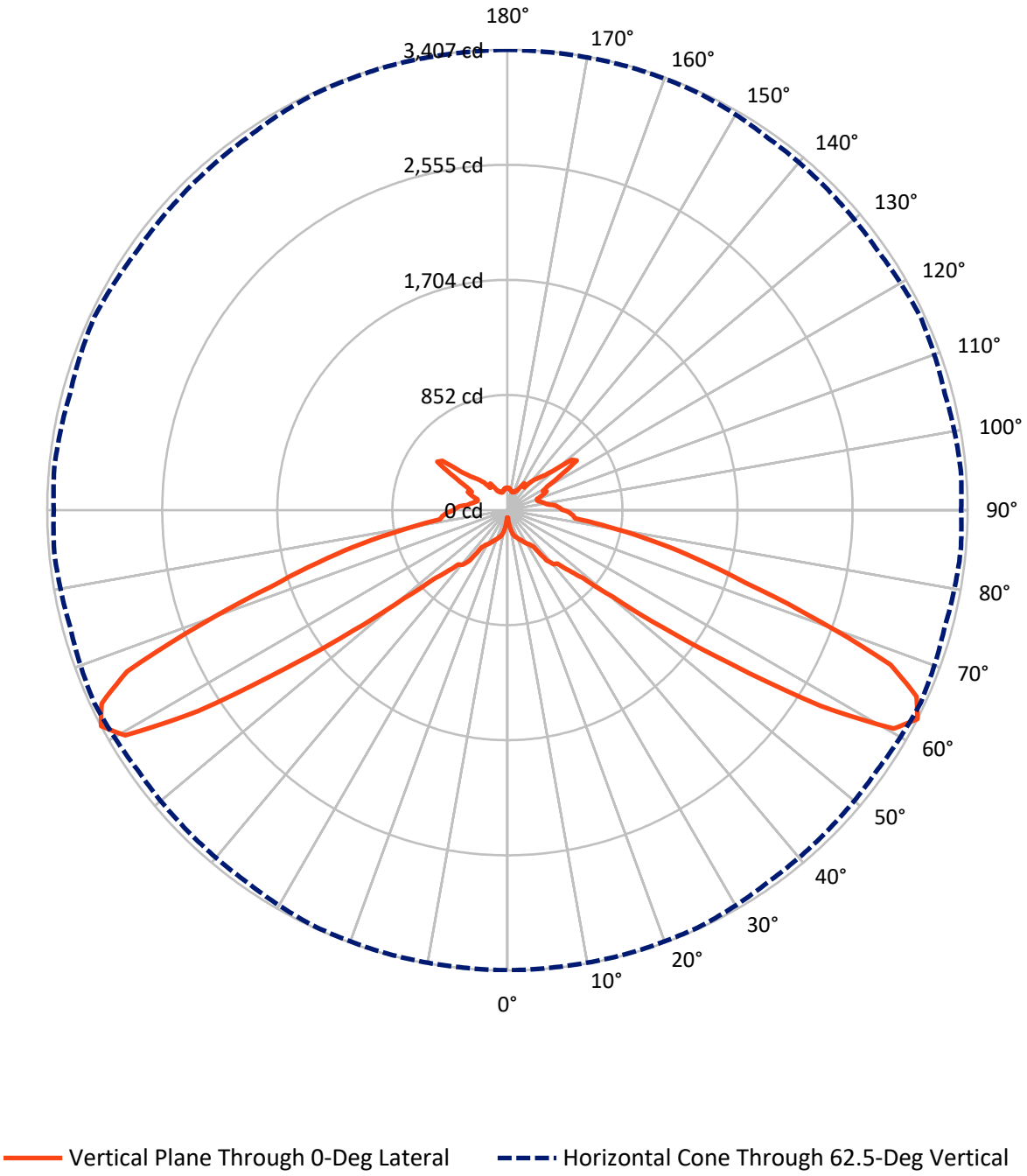
Based on 15 foot mounting height. Maximum calculated value = 1.9 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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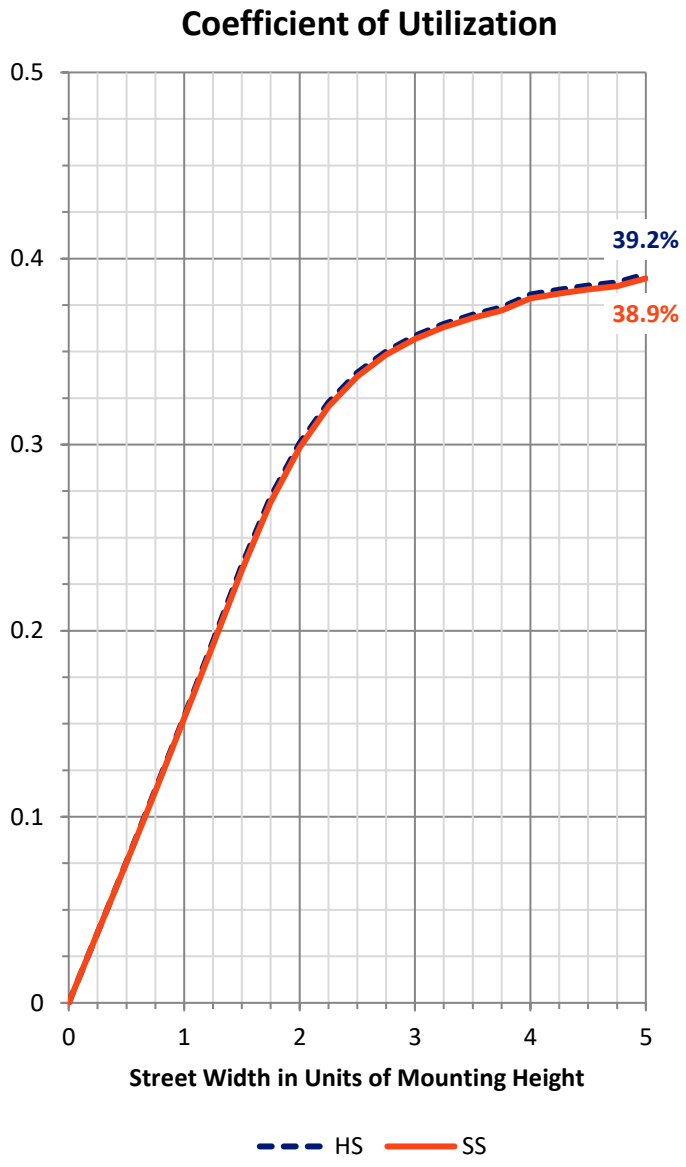
REPORT NUMBER: P981086
CATALOG NUMBER: FFX-CLB-60-750-U-FR-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4082.7	958.0	5040.7
	% Fixture	40.5	9.5	50.0
Street Side	Lumens	4082.7	958.0	5040.7
	% Fixture	40.5	9.5	50.0
Total	Lumens	8165.3	1916.1	10081.4
	% Fixture	81.0	19.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.4	0.1
10°-20°	56.0	0.6
20°-30°	119.1	1.2
30°-40°	240.8	2.4
40°-50°	538.0	5.3
50°-60°	1897.3	18.8
60°-70°	3105.2	30.8
70°-80°	1597.5	15.8
80°-90°	601.0	6.0
90°-100°	386.8	3.8
100°-110°	258.0	2.6
110°-120°	277.0	2.7
120°-130°	453.4	4.5
130°-140°	271.3	2.7
140°-150°	141.0	1.4
150°-160°	73.7	0.7
160°-170°	39.9	0.4
170°-180°	15.0	0.1
0°-90°	8165.3	81.0
0°-180°	10081.4	100.0



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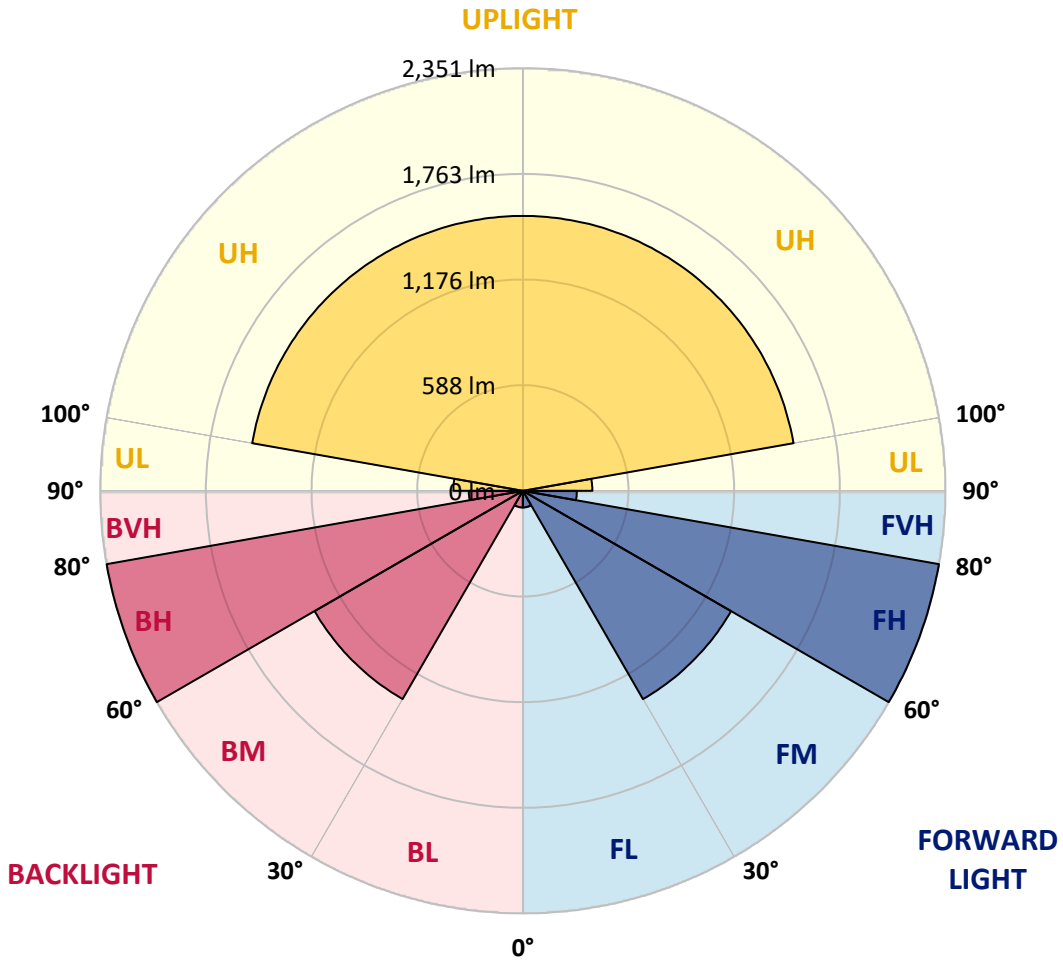
Scaled Data Report

REPORT NUMBER: P981086
CATALOG NUMBER: FFX-CLB-60-750-U-FR-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	92.8	0.9			
FM	(30°-60°)	1338.1	13.3			
FH	(60°-80°)	2351.3	23.3			G2/5000
FVH	(80°-90°)	300.5	3.0			G3/500
BL	(0°-30°)	92.8	0.9	B0/110		
BM	(30°-60°)	1338.1	13.3	B2/2500		
BH	(60°-80°)	2351.3	23.3	B3/2500		G2/5000
BVH	(80°-90°)	300.5	3.0			G3/500
UL	(90°-100°)	386.8	3.8		U3/500	
UH	(100°-180°)	1529.3	15.2		U5	

BUG Rating: B3-U5-G3
Type V Short



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REPORT NUMBER: P981086
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
2.5°	57.4	58.1	60.0	61.3	62.0	60.7	61.3	62.6	62.6	63.2	63.2
5°	85.2	85.8	85.2	84.5	83.9	85.2	85.8	85.2	83.2	83.9	83.2
7.5°	125.8	125.8	120.7	119.4	118.1	123.9	127.1	125.8	119.4	113.6	112.3
10°	154.9	154.2	149.7	143.9	143.3	147.1	155.5	157.5	147.1	140.0	138.7
12.5°	183.9	179.4	176.8	171.0	171.7	174.2	180.0	180.7	173.6	167.8	163.9
15°	201.3	202.0	202.0	198.8	197.5	200.0	202.6	204.6	199.4	194.9	192.3
17.5°	209.1	209.7	211.7	213.6	213.6	212.3	212.3	213.0	213.0	213.0	212.3
20°	225.2	225.9	225.2	226.5	228.4	227.2	225.2	225.9	225.2	225.9	225.2
22.5°	238.1	237.5	237.5	239.4	240.7	240.1	238.1	238.8	237.5	238.1	238.1
25°	251.7	252.3	253.6	254.3	254.9	254.9	254.3	255.5	254.9	253.6	253.6
27.5°	270.4	270.4	270.4	270.4	273.0	273.0	271.7	272.3	270.4	269.1	268.5
30°	288.5	289.1	287.8	289.1	291.7	290.4	289.7	291.0	288.5	287.8	287.8
32.5°	305.2	305.2	304.6	308.5	309.1	307.8	309.8	311.0	312.3	311.7	314.9
35°	333.6	334.9	345.9	355.6	358.8	358.1	360.7	362.0	359.4	359.4	357.5
37.5°	471.1	470.4	454.9	440.1	447.2	456.2	447.2	444.6	439.5	436.9	435.6
40°	525.9	525.9	511.7	513.0	507.9	508.5	511.7	522.1	516.3	505.9	506.6
42.5°	542.7	547.9	564.7	595.0	584.0	566.6	545.9	553.0	567.9	576.9	578.8
45°	638.2	645.3	646.6	645.3	640.2	647.3	642.1	646.0	647.9	659.5	664.7
47.5°	750.5	747.9	748.6	764.7	758.9	763.4	773.1	771.8	780.2	778.9	783.4
50°	1006.0	1013.1	1002.8	1023.5	1028.6	1020.9	1058.3	1058.3	1062.2	1045.4	1047.3
52.5°	1446.2	1429.4	1429.4	1434.5	1435.8	1459.7	1486.2	1485.5	1495.2	1486.2	1506.2
55°	2012.7	2008.9	2017.3	2077.3	2083.7	2063.1	2068.9	2042.4	2127.6	2105.7	2121.8
57.5°	2733.6	2743.2	2732.3	2732.9	2727.7	2721.9	2754.2	2699.4	2740.7	2694.2	2695.5
60°	3285.3	3272.4	3236.3	3165.3	3159.5	3180.8	3216.9	3218.8	3177.5	3151.7	3129.8
62.5°	3407.3	3402.7	3401.5	3395.6	3362.7	3353.7	3346.6	3375.6	3351.1	3369.8	3358.9
65°	3329.2	3309.8	3327.2	3355.0	3333.7	3291.8	3255.6	3305.9	3289.8	3359.5	3323.4
67.5°	3058.8	3040.7	3033.6	3088.5	3062.0	2995.6	2971.0	2982.6	2963.9	3040.7	3026.5
70°	2427.7	2428.3	2442.5	2513.5	2487.0	2438.0	2408.3	2416.1	2434.8	2499.3	2481.2
72.5°	1841.7	1837.9	1854.6	1872.7	1874.0	1870.1	1862.4	1868.2	1879.2	1914.6	1923.7
75°	1453.2	1452.0	1424.9	1434.5	1430.7	1448.1	1473.9	1470.0	1475.8	1448.7	1441.0
77.5°	1099.6	1100.9	1090.6	1086.1	1082.2	1110.6	1151.9	1153.8	1126.1	1106.1	1097.7
80°	760.8	766.0	797.0	797.6	803.4	803.4	836.3	832.5	822.8	822.1	822.1
82.5°	504.6	513.7	545.3	581.4	587.2	580.1	598.2	603.4	615.6	624.7	627.2
85°	485.3	501.4	491.1	506.6	507.2	511.7	518.8	521.4	520.1	522.1	518.2
87.5°	454.3	474.3	471.7	482.1	484.6	491.7	499.5	502.7	496.2	491.1	489.8
90°	403.3	422.0	431.1	439.5	442.0	440.1	445.3	446.6	445.9	440.1	438.8
92.5°	382.0	389.1	394.3	400.7	408.5	404.0	407.2	404.0	409.1	407.8	409.1
95°	354.9	357.5	354.3	358.1	359.4	354.9	354.3	354.3	351.7	348.5	349.8
97.5°	300.1	304.6	303.3	303.3	303.9	302.0	302.7	302.0	303.3	301.4	300.7
100°	280.1	280.1	278.8	278.1	277.5	275.5	274.9	273.0	273.0	271.0	269.7
102.5°	259.4	261.4	259.4	258.8	258.8	255.5	256.2	256.2	254.9	254.3	251.0
105°	244.6	243.9	242.6	240.1	237.5	237.5	238.8	238.1	236.2	235.5	233.0
107.5°	231.0	229.7	227.8	223.9	222.6	223.3	225.2	225.9	225.2	222.6	220.7
110°	233.6	231.7	228.4	227.2	229.1	230.4	231.0	232.3	236.2	237.5	234.9

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CATALOG NUMBER: FFX-CLB-60-750-U-FR-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*281.4*	278.1	276.2	267.8	274.3	275.5	274.3	274.9	276.8	274.3	275.5
115°	*321.4*	324.6	325.2	299.4	300.1	296.2	292.3	291.0	285.2	289.7	304.6
117.5°	*296.8*	307.2	284.6	273.0	265.9	263.3	269.7	271.0	265.2	272.3	293.6
120°	*340.7*	345.2	298.8	276.2	275.5	286.5	303.9	309.1	302.7	316.2	340.7
122.5°	*462.7*	459.5	454.9	458.8	448.5	447.8	462.0	460.1	442.7	444.6	450.4
125°	*630.5*	629.2	620.8	612.4	605.3	609.2	603.4	596.3	583.4	581.4	581.4
127.5°	*603.4*	603.4	597.6	593.0	585.9	586.6	585.9	573.0	567.9	568.5	568.5
130°	*444.0*	444.6	462.7	478.8	474.3	476.2	464.6	460.8	477.5	493.0	493.0
132.5°	*376.2*	377.5	397.5	409.8	403.3	390.4	378.2	379.4	389.8	405.3	404.6
135°	*336.2*	338.8	340.1	338.8	334.9	331.7	331.0	334.3	336.9	347.8	350.4
137.5°	*304.6*	302.7	296.2	290.4	285.9	294.3	299.4	298.1	295.6	293.6	294.9
140°	*267.8*	265.2	256.2	254.9	257.5	261.4	262.6	263.9	264.6	263.3	262.6
142.5°	*209.1*	211.0	219.4	229.7	230.4	223.9	224.6	224.6	227.2	230.4	229.1
145°	*209.7*	211.0	214.2	222.0	222.0	216.8	214.9	216.8	222.6	229.1	229.1
147.5°	*233.6*	231.7	227.2	225.2	223.3	222.6	222.6	218.1	218.8	218.8	218.8
150°	*198.8*	198.1	195.5	194.2	193.6	192.9	196.2	195.5	196.8	195.5	194.9
152.5°	*163.9*	163.3	160.7	158.7	159.4	163.3	168.4	170.4	169.1	166.5	165.2
155°	*155.5*	156.2	152.3	151.0	151.6	153.6	154.9	154.9	152.3	149.1	149.1
157.5°	*147.1*	147.8	145.8	144.6	145.2	146.5	148.4	149.1	147.1	144.6	143.9
160°	*140.7*	140.0	139.4	139.4	139.4	139.4	140.0	140.7	140.0	139.4	138.7
162.5°	*137.5*	137.5	137.5	137.5	138.1	137.5	137.5	137.5	137.5	137.5	137.5
165°	*136.8*	136.8	137.5	138.7	139.4	138.7	138.7	138.7	139.4	140.7	140.7
167.5°	*142.6*	142.0	143.9	144.6	145.2	144.6	143.9	143.3	143.9	145.2	145.2
170°	*149.1*	149.7	149.7	150.4	150.4	149.7	149.1	149.7	149.1	149.7	149.7
172.5°	*155.5*	155.5	155.5	154.9	154.9	154.9	154.9	154.9	154.9	154.2	154.2
175°	*160.7*	160.7	160.7	160.7	160.0	160.7	161.3	161.3	160.7	160.7	159.4
177.5°	*165.2*	165.2	165.2	165.2	165.2	165.2	165.2	164.6	164.6	164.6	163.9
180°	*165.8*	165.8	165.8	165.8	165.8	165.8	165.8	165.8	165.8	165.8	165.8

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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: SP1-2501-332-5

Test Date: 03/25/2025

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: v7.04

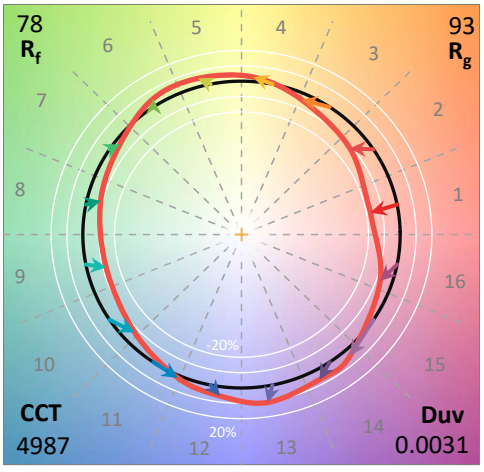
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-5
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-100-750-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	4987	CRI (Ra):	75.8		
CIE u':	0.2094	R1:	71.6	R9:	-30.4
CIE v':	0.4882	R2:	82.8	R10:	59.9
Duv:	0.0031	R3:	91.2	R11:	70.9
CIE x:	0.3461	R4:	73.8	R12:	51.2
CIE y:	0.3586	R5:	73.0	R13:	74.2
CIE z:	0.2954	R6:	76.1	R14:	95.3
Peak Wavelength (nm):	450	R7:	82.9	R15:	63.7
Dominant Wavelength (nm):	570	R8:	54.9		
Purity:	11.4				

Rf:	78.3
Rg:	93.4



Test Conditions

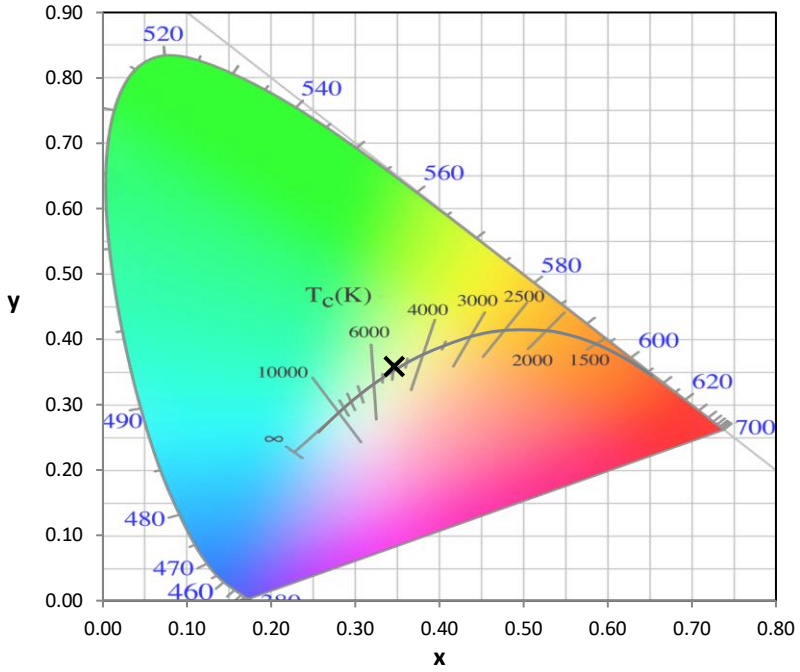
Stabilization Time:	67M
Operation Time:	2H 7M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-5

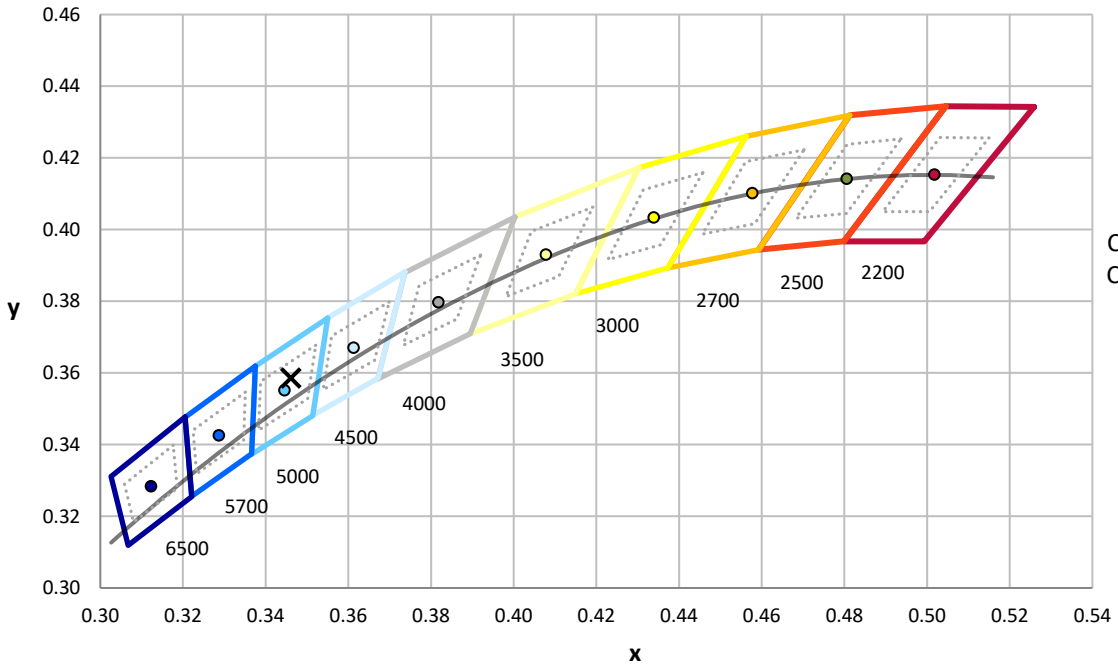
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-5

CIE 1931 Chromaticity Diagram



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

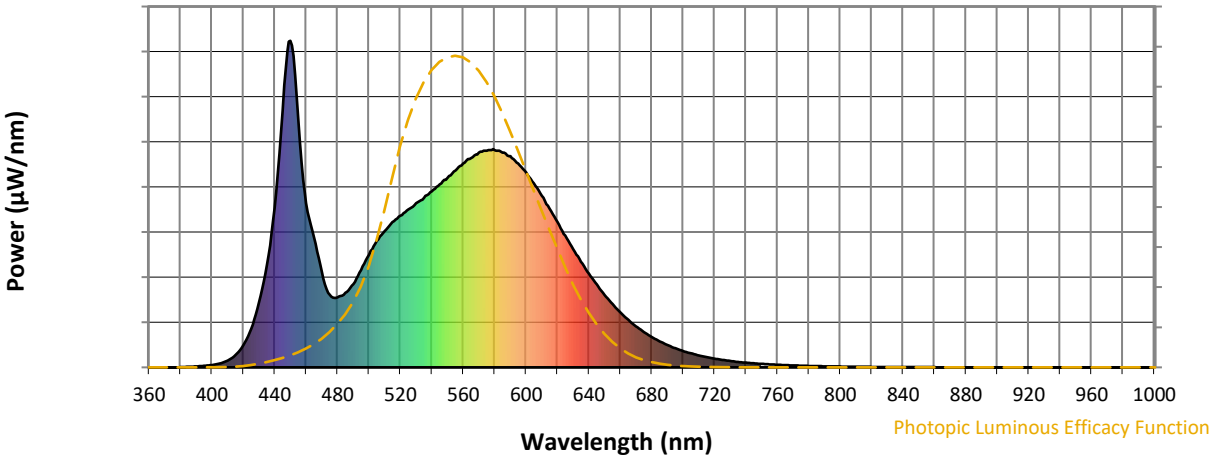


CCT = 4987K
CIE x = 0.3461
CIE y = 0.3586
Duv = 0.0031

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-5

Photopic Flux vs. Wavelength

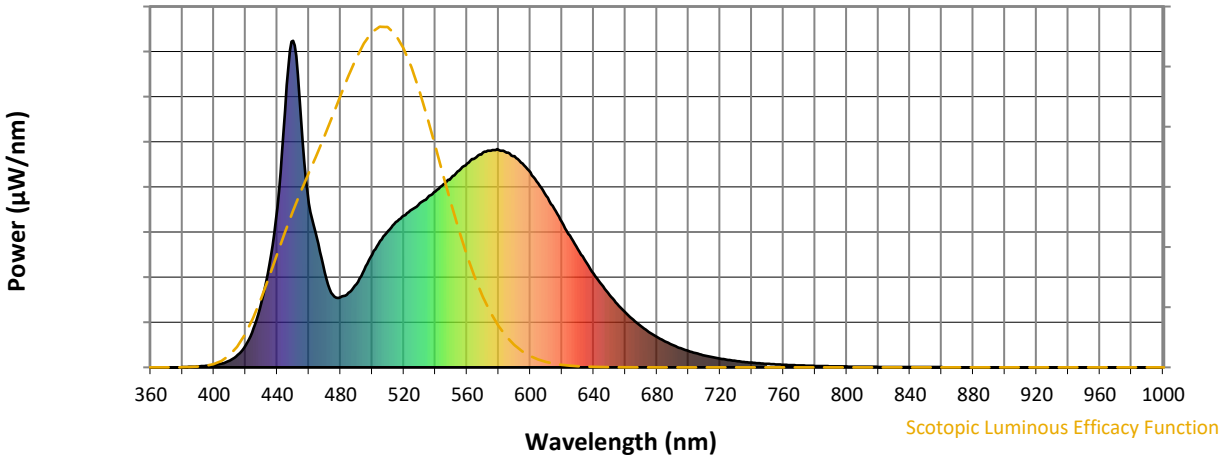


Photopic Lumens: NR

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	255	NR	620	445	NR	750	11	NR	880	0	NR
365	0	NR	495	298	NR	625	403	NR	755	9	NR	885	0	NR
370	0	NR	500	345	NR	630	362	NR	760	8	NR	890	0	NR
375	0	NR	505	387	NR	635	323	NR	765	7	NR	895	0	NR
380	1	NR	510	417	NR	640	287	NR	770	6	NR	900	0	NR
385	2	NR	515	445	NR	645	254	NR	775	5	NR	905	0	NR
390	3	NR	520	464	NR	650	222	NR	780	4	NR	910	0	NR
395	5	NR	525	483	NR	655	194	NR	785	4	NR	915	0	NR
400	7	NR	530	503	NR	660	168	NR	790	3	NR	920	0	NR
405	12	NR	535	519	NR	665	146	NR	795	3	NR	925	0	NR
410	21	NR	540	539	NR	670	126	NR	800	3	NR	930	0	NR
415	38	NR	545	561	NR	675	108	NR	805	2	NR	935	0	NR
420	68	NR	550	580	NR	680	93	NR	810	2	NR	940	0	NR
425	119	NR	555	602	NR	685	80	NR	815	2	NR	945	0	NR
430	199	NR	560	624	NR	690	69	NR	820	2	NR	950	0	NR
435	315	NR	565	641	NR	695	59	NR	825	1	NR	955	0	NR
440	489	NR	570	657	NR	700	50	NR	830	1	NR	960	0	NR
445	787	NR	575	663	NR	705	43	NR	835	1	NR	965	0	NR
450	1000	NR	580	666	NR	710	36	NR	840	1	NR	970	0	NR
455	757	NR	585	657	NR	715	31	NR	845	1	NR	975	0	NR
460	503	NR	590	646	NR	720	27	NR	850	1	NR	980	0	NR
465	398	NR	595	624	NR	725	23	NR	855	1	NR	985	0	NR
470	290	NR	600	597	NR	730	20	NR	860	1	NR	990	0	NR
475	222	NR	605	564	NR	735	17	NR	865	0	NR	995	0	NR
480	215	NR	610	525	NR	740	14	NR	870	0	NR	1000	0	NR
485	228	NR	615	486	NR	745	12	NR	875	0	NR			

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Scotopic Flux vs. Wavelength

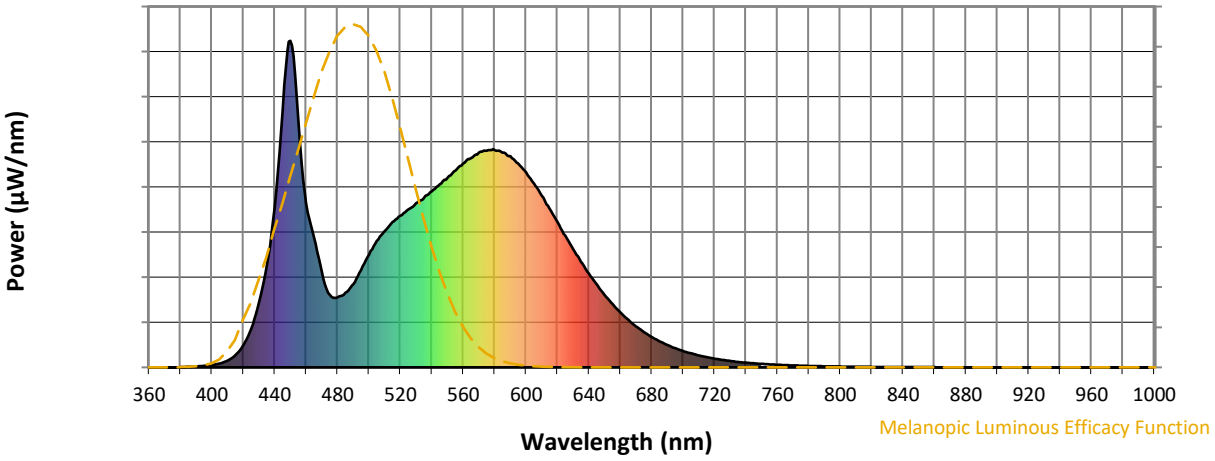


Scotopic Lumens: NR **S/P: 1.87**

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	255	NR	620	445	NR	750	11	NR	880	0	NR
365	0	NR	495	298	NR	625	403	NR	755	9	NR	885	0	NR
370	0	NR	500	345	NR	630	362	NR	760	8	NR	890	0	NR
375	0	NR	505	387	NR	635	323	NR	765	7	NR	895	0	NR
380	1	NR	510	417	NR	640	287	NR	770	6	NR	900	0	NR
385	2	NR	515	445	NR	645	254	NR	775	5	NR	905	0	NR
390	3	NR	520	464	NR	650	222	NR	780	4	NR	910	0	NR
395	5	NR	525	483	NR	655	194	NR	785	4	NR	915	0	NR
400	7	NR	530	503	NR	660	168	NR	790	3	NR	920	0	NR
405	12	NR	535	519	NR	665	146	NR	795	3	NR	925	0	NR
410	21	NR	540	539	NR	670	126	NR	800	3	NR	930	0	NR
415	38	NR	545	561	NR	675	108	NR	805	2	NR	935	0	NR
420	68	NR	550	580	NR	680	93	NR	810	2	NR	940	0	NR
425	119	NR	555	602	NR	685	80	NR	815	2	NR	945	0	NR
430	199	NR	560	624	NR	690	69	NR	820	2	NR	950	0	NR
435	315	NR	565	641	NR	695	59	NR	825	1	NR	955	0	NR
440	489	NR	570	657	NR	700	50	NR	830	1	NR	960	0	NR
445	787	NR	575	663	NR	705	43	NR	835	1	NR	965	0	NR
450	1000	NR	580	666	NR	710	36	NR	840	1	NR	970	0	NR
455	757	NR	585	657	NR	715	31	NR	845	1	NR	975	0	NR
460	503	NR	590	646	NR	720	27	NR	850	1	NR	980	0	NR
465	398	NR	595	624	NR	725	23	NR	855	1	NR	985	0	NR
470	290	NR	600	597	NR	730	20	NR	860	1	NR	990	0	NR
475	222	NR	605	564	NR	735	17	NR	865	0	NR	995	0	NR
480	215	NR	610	525	NR	740	14	NR	870	0	NR	1000	0	NR
485	228	NR	615	486	NR	745	12	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.92**

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	255	NR	620	445	NR	750	11	NR	880	0	NR
365	0	NR	495	298	NR	625	403	NR	755	9	NR	885	0	NR
370	0	NR	500	345	NR	630	362	NR	760	8	NR	890	0	NR
375	0	NR	505	387	NR	635	323	NR	765	7	NR	895	0	NR
380	1	NR	510	417	NR	640	287	NR	770	6	NR	900	0	NR
385	2	NR	515	445	NR	645	254	NR	775	5	NR	905	0	NR
390	3	NR	520	464	NR	650	222	NR	780	4	NR	910	0	NR
395	5	NR	525	483	NR	655	194	NR	785	4	NR	915	0	NR
400	7	NR	530	503	NR	660	168	NR	790	3	NR	920	0	NR
405	12	NR	535	519	NR	665	146	NR	795	3	NR	925	0	NR
410	21	NR	540	539	NR	670	126	NR	800	3	NR	930	0	NR
415	38	NR	545	561	NR	675	108	NR	805	2	NR	935	0	NR
420	68	NR	550	580	NR	680	93	NR	810	2	NR	940	0	NR
425	119	NR	555	602	NR	685	80	NR	815	2	NR	945	0	NR
430	199	NR	560	624	NR	690	69	NR	820	2	NR	950	0	NR
435	315	NR	565	641	NR	695	59	NR	825	1	NR	955	0	NR
440	489	NR	570	657	NR	700	50	NR	830	1	NR	960	0	NR
445	787	NR	575	663	NR	705	43	NR	835	1	NR	965	0	NR
450	1000	NR	580	666	NR	710	36	NR	840	1	NR	970	0	NR
455	757	NR	585	657	NR	715	31	NR	845	1	NR	975	0	NR
460	503	NR	590	646	NR	720	27	NR	850	1	NR	980	0	NR
465	398	NR	595	624	NR	725	23	NR	855	1	NR	985	0	NR
470	290	NR	600	597	NR	730	20	NR	860	1	NR	990	0	NR
475	222	NR	605	564	NR	735	17	NR	865	0	NR	995	0	NR
480	215	NR	610	525	NR	740	14	NR	870	0	NR	1000	0	NR
485	228	NR	615	486	NR	745	12	NR	875	0	NR			

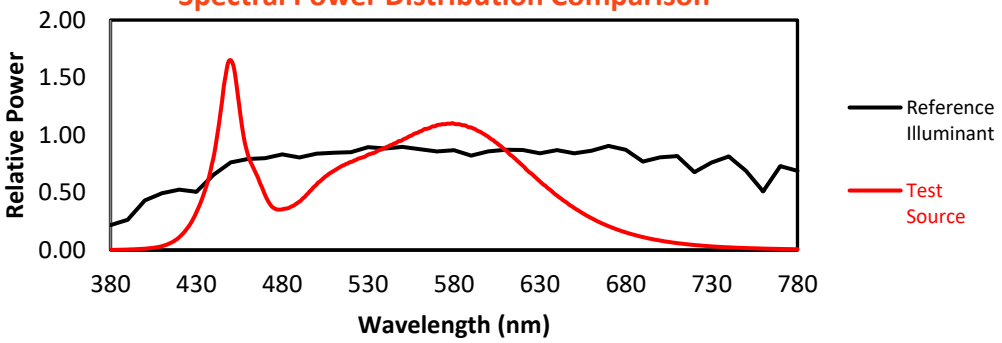
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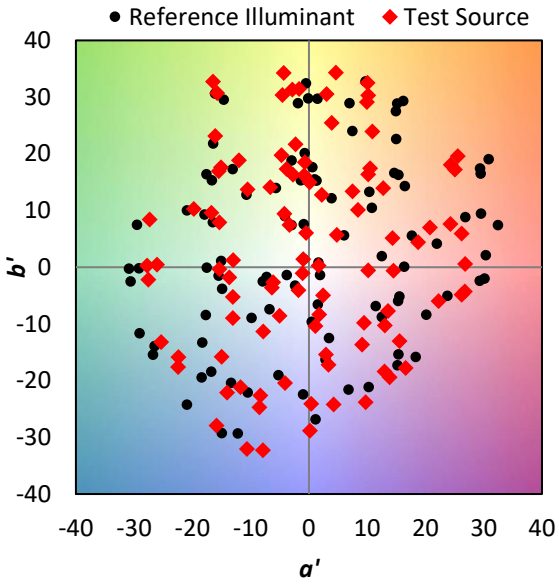
Summary

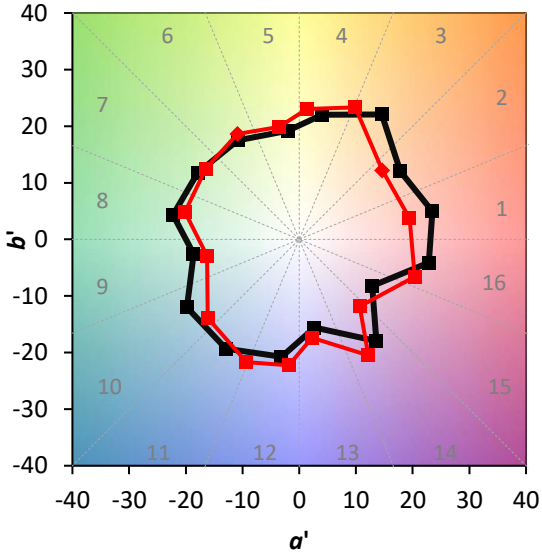
R_f = 78.3
R_g = 93.4
CIE R_a = 75.8
R_9 = -30.4

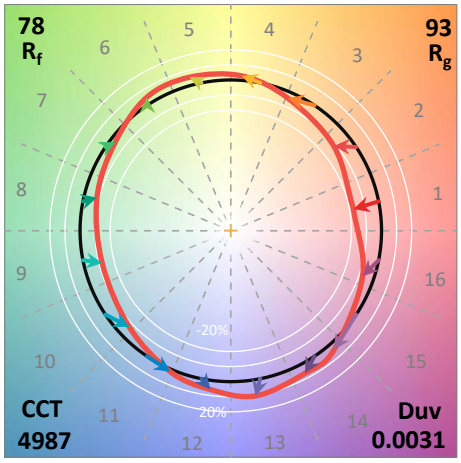
Spectral Power Distribution Comparison

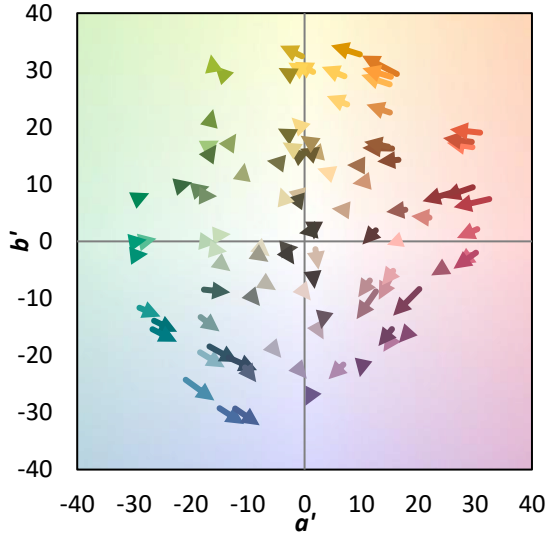


Color Vector Graphics







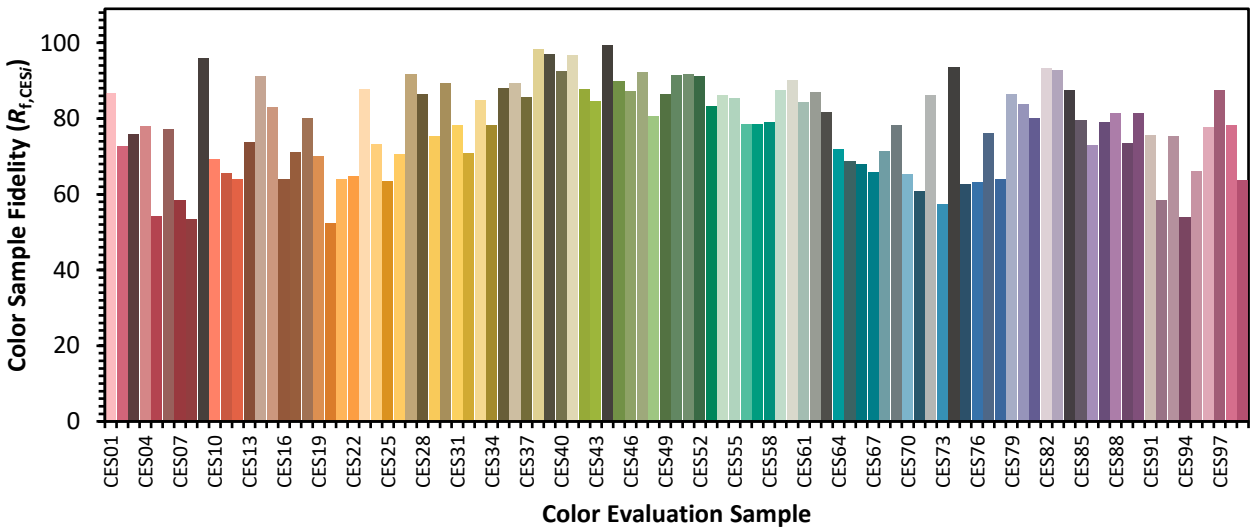


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Individual Sample Fidelity Index ($R_{f,i}$)

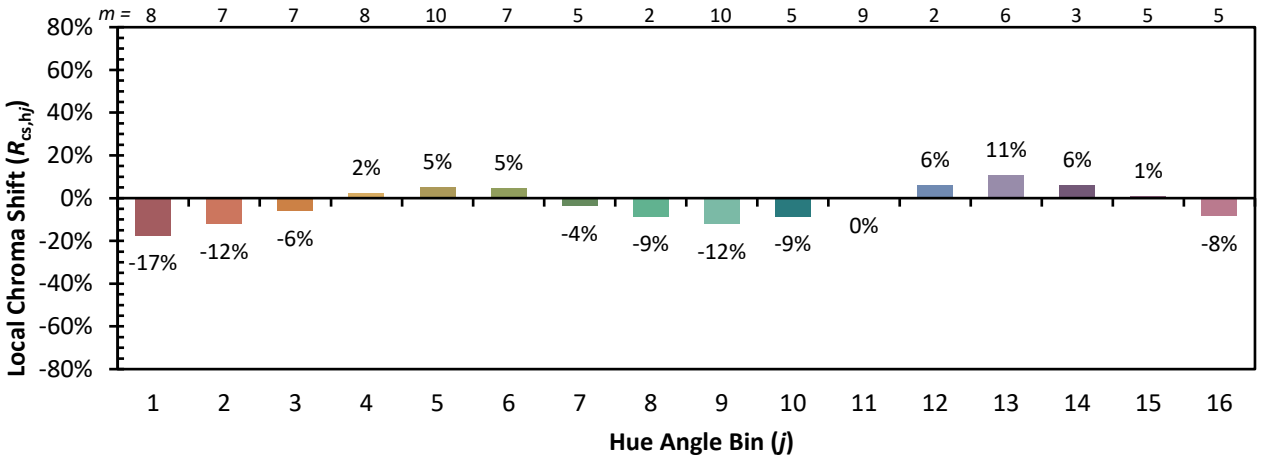
CES01 = 85	CES26 = 71	CES51 = 92	CES76 = 63
CES02 = 60	CES27 = 92	CES52 = 91	CES77 = 76
CES03 = 30	CES28 = 86	CES53 = 83	CES78 = 64
CES04 = 69	CES29 = 75	CES54 = 86	CES79 = 86
CES05 = 46	CES30 = 89	CES55 = 85	CES80 = 84
CES06 = 50	CES31 = 78	CES56 = 79	CES81 = 80
CES07 = 39	CES32 = 71	CES57 = 78	CES82 = 93
CES08 = 38	CES33 = 85	CES58 = 79	CES83 = 93
CES09 = 29	CES34 = 78	CES59 = 88	CES84 = 87
CES10 = 73	CES35 = 88	CES60 = 90	CES85 = 80
CES11 = 56	CES36 = 89	CES61 = 84	CES86 = 73
CES12 = 61	CES37 = 86	CES62 = 87	CES87 = 79
CES13 = 41	CES38 = 98	CES63 = 82	CES88 = 81
CES14 = 74	CES39 = 97	CES64 = 72	CES89 = 74
CES15 = 70	CES40 = 93	CES65 = 69	CES90 = 81
CES16 = 46	CES41 = 97	CES66 = 68	CES91 = 76
CES17 = 49	CES42 = 88	CES67 = 66	CES92 = 58
CES18 = 55	CES43 = 85	CES68 = 71	CES93 = 75
CES19 = 71	CES44 = 99	CES69 = 78	CES94 = 54
CES20 = 64	CES45 = 90	CES70 = 65	CES95 = 66
CES21 = 85	CES46 = 87	CES71 = 61	CES96 = 78
CES22 = 77	CES47 = 92	CES72 = 86	CES97 = 88
CES23 = 91	CES48 = 81	CES73 = 57	CES98 = 78
CES24 = 90	CES49 = 86	CES74 = 93	CES99 = 64
CES25 = 71	CES50 = 91	CES75 = 63	

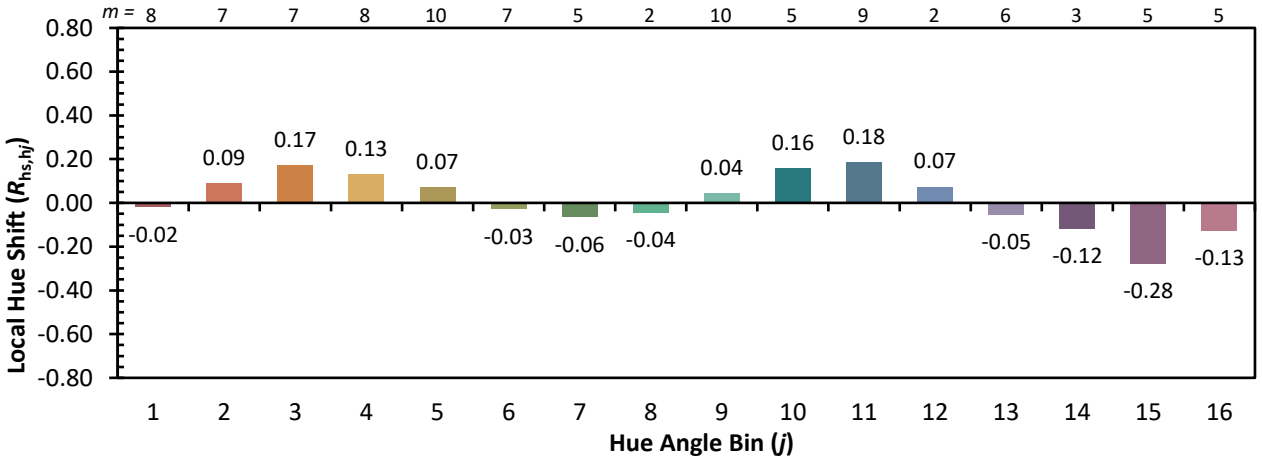


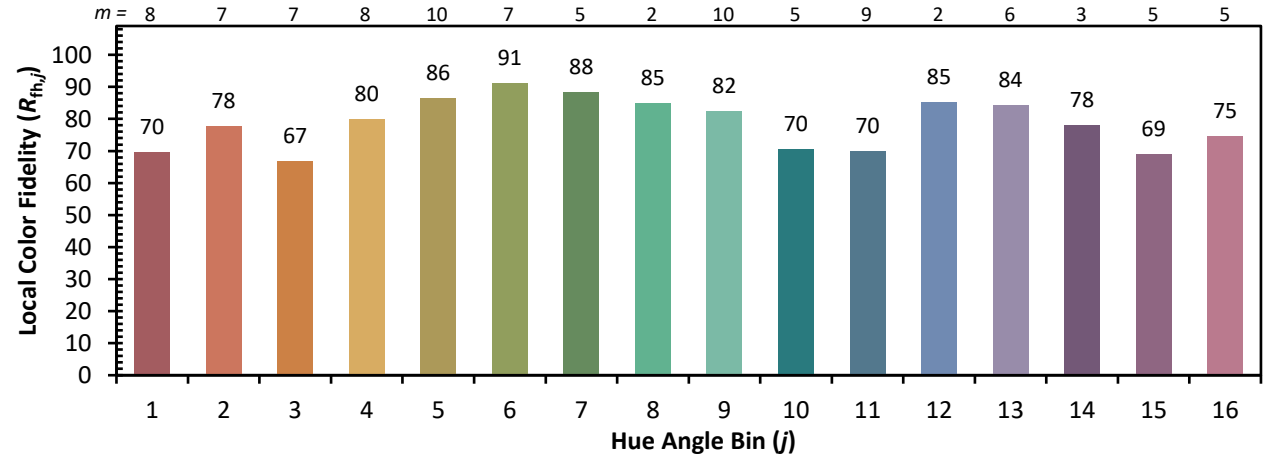
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Color Rendition by Hue-Angle Bin



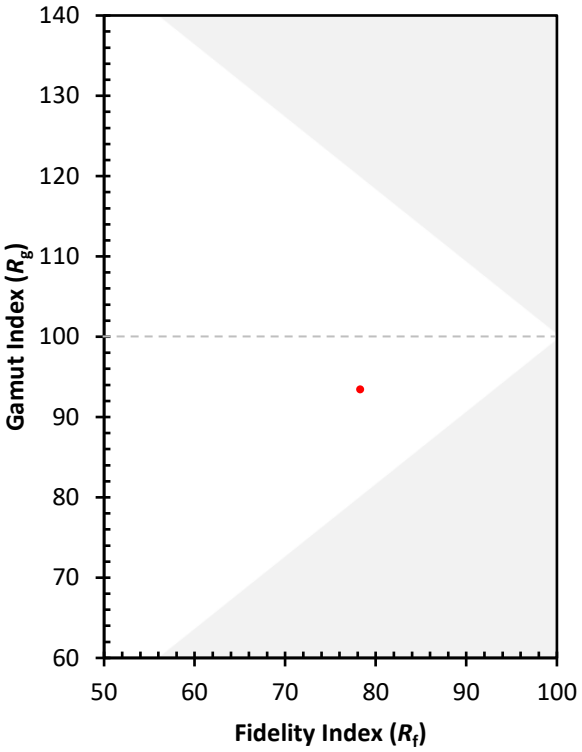


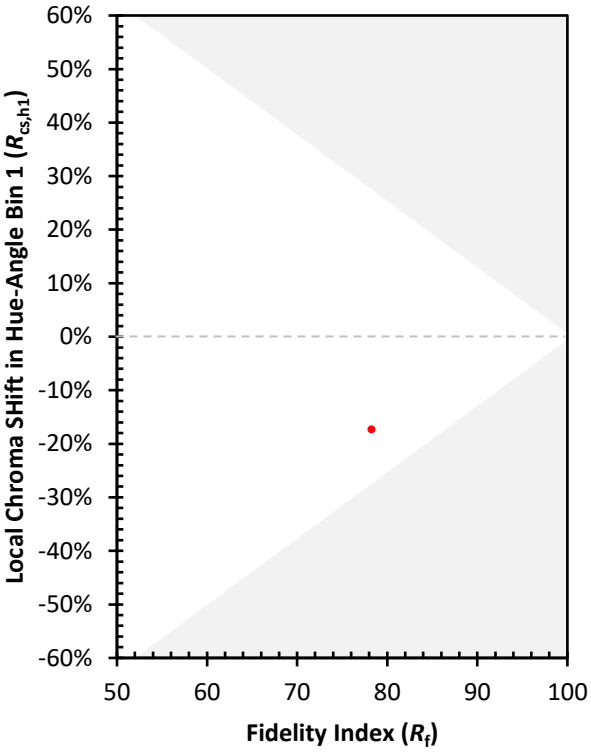


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Measure Comparisons





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