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: P981049

Luminaire Tested: **FFX-CLB-70-722-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:	P981049
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-70-722-U-FR-T5
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS
Light Source:	(6) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9430 lumens
Efficiency:	N/A
Efficacy:	132.4 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):	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

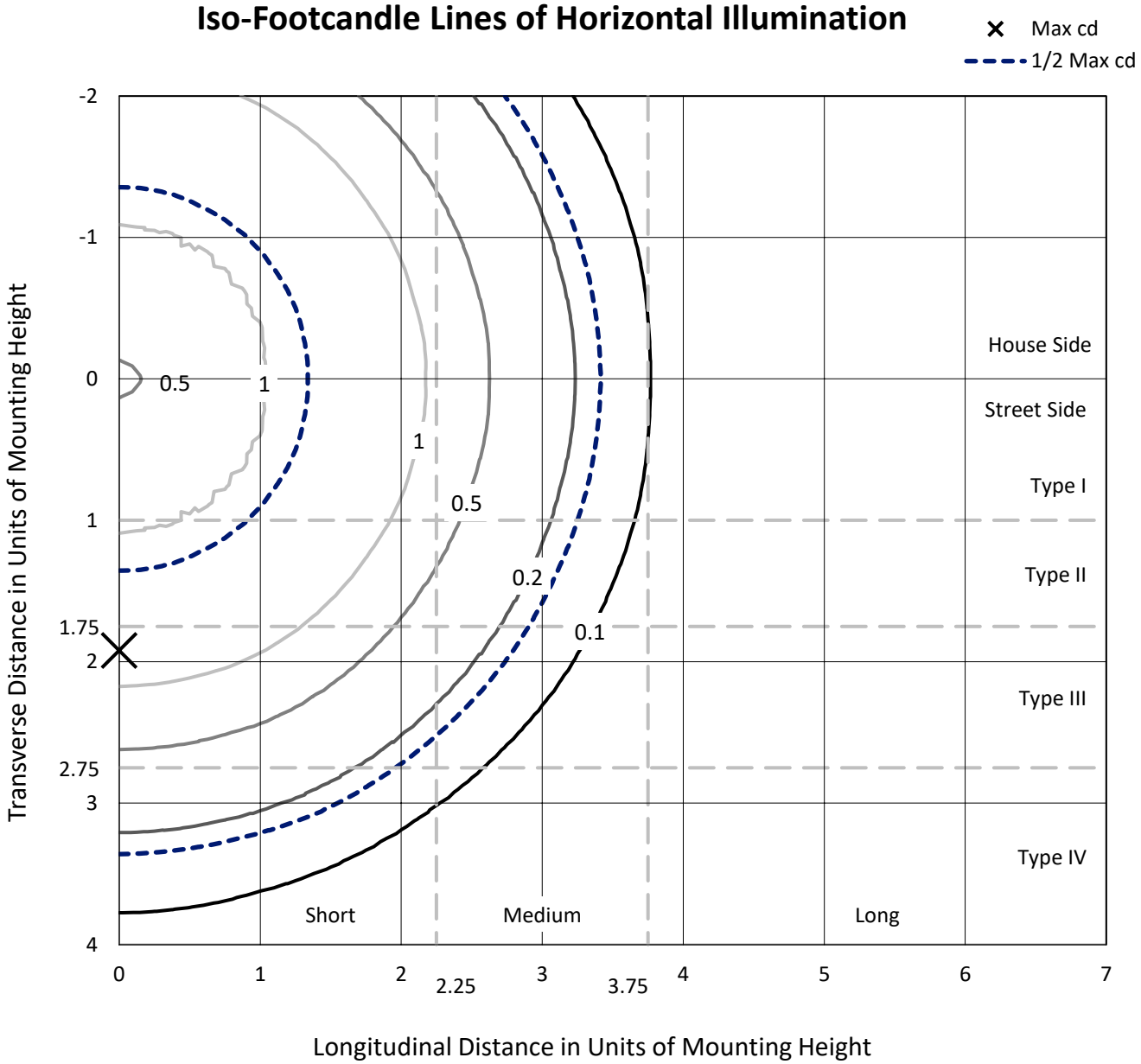


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REPORT NUMBER: P981049
CATALOG NUMBER: FFX-CLB-70-722-U-FR-T5

Iso-Footcandle Lines of Horizontal Illumination



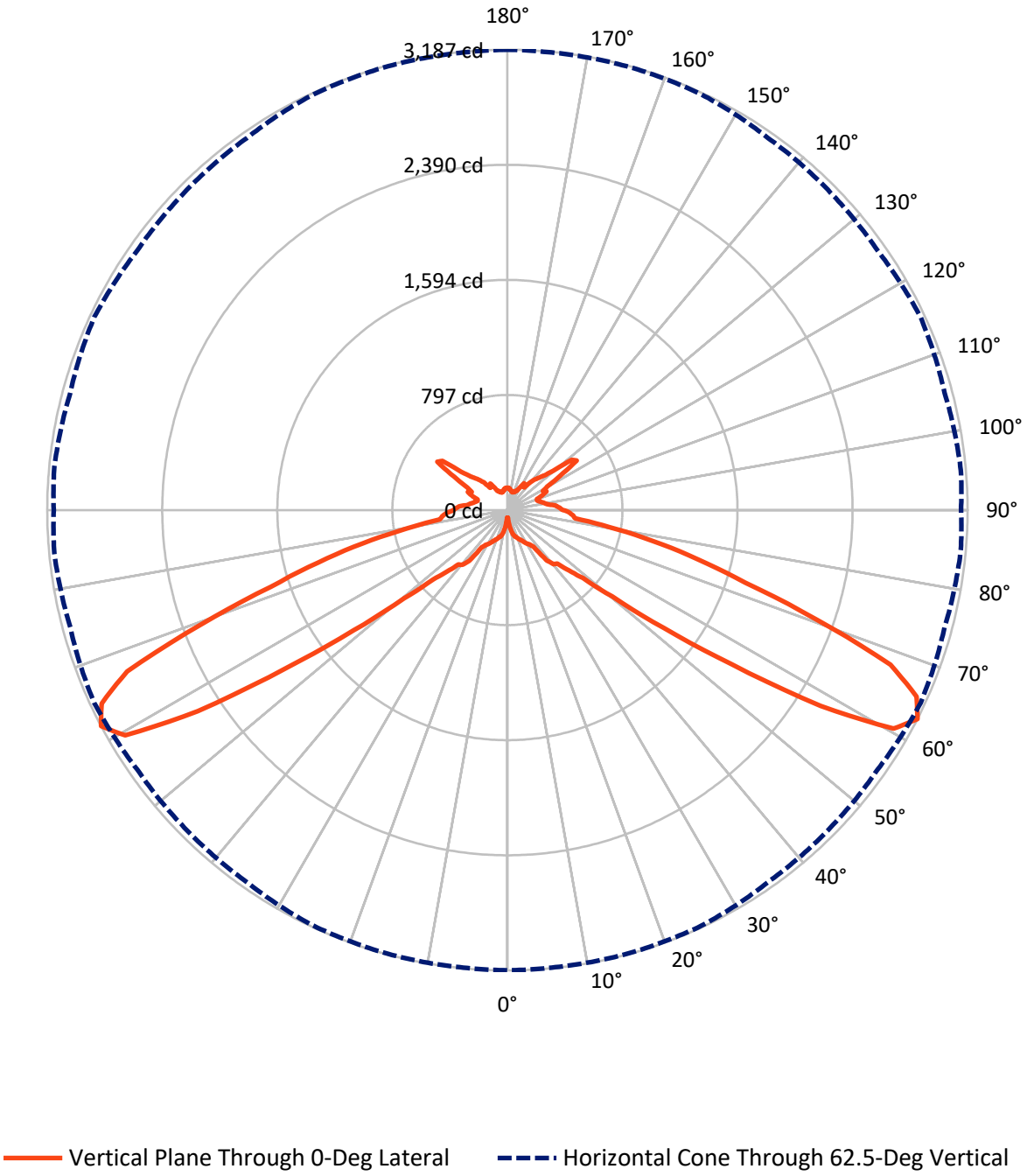
Based on 15 foot mounting height. Maximum calculated value = 1.8 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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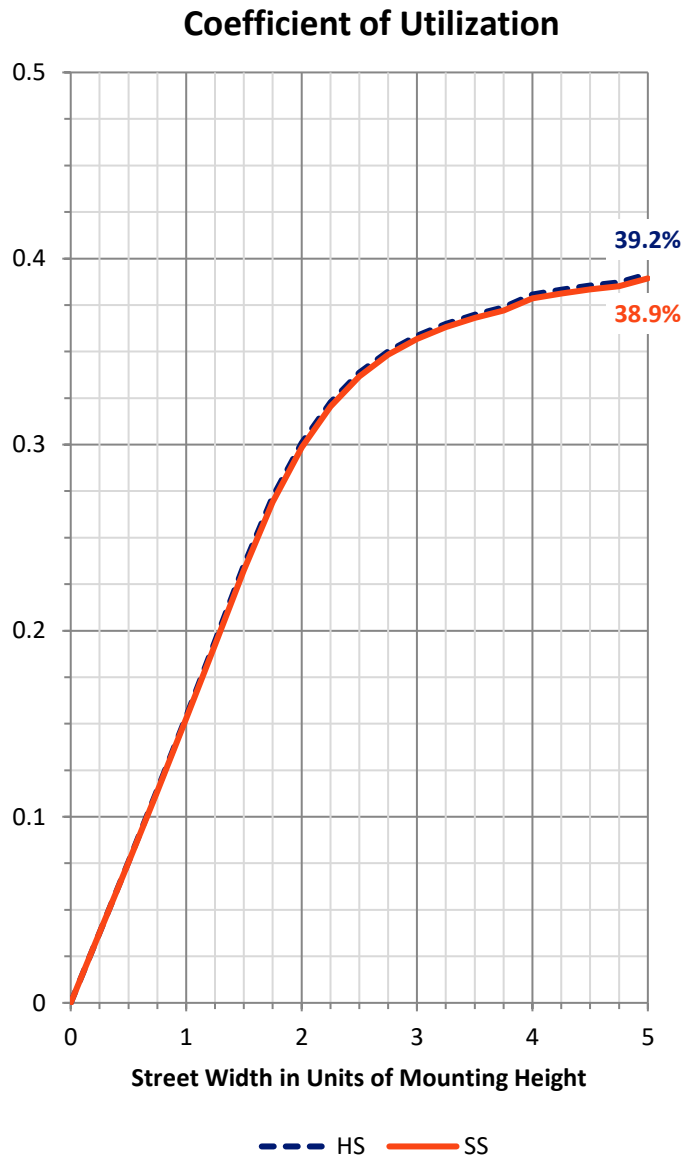
REPORT NUMBER: P981049
CATALOG NUMBER: FFX-CLB-70-722-U-FR-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3818.9	896.1	4715.0
	% Fixture	40.5	9.5	50.0
Street Side	Lumens	3818.9	896.1	4715.0
	% Fixture	40.5	9.5	50.0
Total	Lumens	7637.7	1792.3	9430.0
	% Fixture	81.0	19.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.7	0.1
10°-20°	52.4	0.6
20°-30°	111.4	1.2
30°-40°	225.2	2.4
40°-50°	503.2	5.3
50°-60°	1774.7	18.8
60°-70°	2904.6	30.8
70°-80°	1494.2	15.8
80°-90°	562.2	6.0
90°-100°	361.8	3.8
100°-110°	241.3	2.6
110°-120°	259.1	2.7
120°-130°	424.1	4.5
130°-140°	253.8	2.7
140°-150°	131.9	1.4
150°-160°	68.9	0.7
160°-170°	37.3	0.4
170°-180°	14.0	0.1
0°-90°	7637.7	81.0
0°-180°	9430.0	100.0



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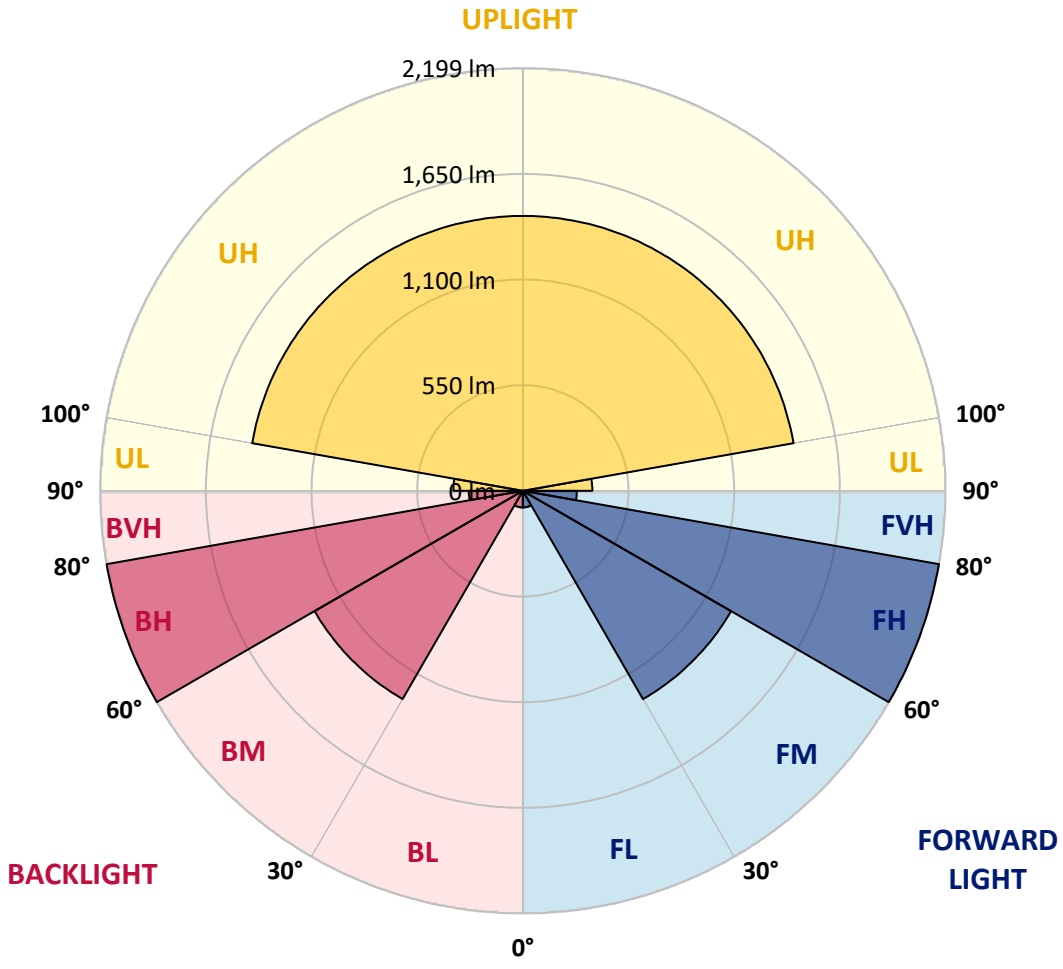
Scaled Data Report

REPORT NUMBER: P981049
CATALOG NUMBER: FFX-CLB-70-722-U-FR-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	86.8	0.9			
FM	(30°-60°)	1251.6	13.3			
FH	(60°-80°)	2199.4	23.3			G2/5000
FVH	(80°-90°)	281.1	3.0			G3/500
BL	(0°-30°)	86.8	0.9	B0/110		
BM	(30°-60°)	1251.6	13.3	B2/2500		
BH	(60°-80°)	2199.4	23.3	B3/2500		G2/5000
BVH	(80°-90°)	281.1	3.0			G3/500
UL	(90°-100°)	361.8	3.8		U3/500	
UH	(100°-180°)	1430.5	15.2		U5	

BUG Rating: B3-U5-G3
Type V Short



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REPORT NUMBER: P981049
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
2.5°	53.7	54.3	56.1	57.3	57.9	56.7	57.3	58.6	58.6	59.2	59.2
5°	79.7	80.3	79.7	79.1	78.5	79.7	80.3	79.7	77.9	78.5	77.9
7.5°	117.7	117.7	112.9	111.7	110.5	115.9	118.9	117.7	111.7	106.2	105.0
10°	144.9	144.3	140.0	134.6	134.0	137.6	145.5	147.3	137.6	131.0	129.8
12.5°	172.0	167.8	165.4	160.0	160.6	163.0	168.4	169.0	162.4	156.9	153.3
15°	188.3	188.9	188.9	185.9	184.7	187.1	189.5	191.3	186.5	182.3	179.9
17.5°	195.6	196.2	198.0	199.8	199.8	198.6	198.6	199.2	199.2	199.2	198.6
20°	210.7	211.3	210.7	211.9	213.7	212.5	210.7	211.3	210.7	211.3	210.7
22.5°	222.7	222.1	222.1	223.9	225.2	224.5	222.7	223.3	222.1	222.7	222.7
25°	235.4	236.0	237.2	237.8	238.4	238.4	237.8	239.0	238.4	237.2	237.2
27.5°	252.9	252.9	252.9	252.9	255.3	255.3	254.1	254.7	252.9	251.7	251.1
30°	269.8	270.4	269.2	270.4	272.8	271.6	271.0	272.2	269.8	269.2	269.2
32.5°	285.5	285.5	284.9	288.5	289.1	287.9	289.7	290.9	292.2	291.5	294.6
35°	312.1	313.3	323.5	332.6	335.6	335.0	337.4	338.6	336.2	336.2	334.4
37.5°	440.6	440.0	425.6	411.7	418.3	426.8	418.3	415.9	411.1	408.7	407.4
40°	492.0	492.0	478.7	479.9	475.0	475.7	478.7	488.3	482.9	473.2	473.8
42.5°	507.6	512.5	528.2	556.5	546.3	530.0	510.7	517.3	531.2	539.6	541.4
45°	597.0	603.6	604.8	603.6	598.8	605.4	600.6	604.2	606.0	616.9	621.7
47.5°	702.0	699.6	700.2	715.3	709.9	714.1	723.1	721.9	729.8	728.6	732.8
50°	941.0	947.7	938.0	957.3	962.2	954.9	989.9	989.9	993.6	977.9	979.7
52.5°	1352.7	1337.0	1337.0	1341.8	1343.1	1365.4	1390.1	1389.5	1398.6	1390.1	1408.8
55°	1882.7	1879.1	1886.9	1943.1	1949.1	1929.8	1935.2	1910.5	1990.1	1969.6	1984.7
57.5°	2556.9	2566.0	2555.7	2556.3	2551.5	2546.1	2576.3	2524.9	2563.6	2520.1	2521.3
60°	3073.0	3061.0	3027.2	2960.8	2955.3	2975.2	3009.0	3010.9	2972.2	2948.1	2927.6
62.5°	3187.1	3182.9	3181.7	3176.2	3145.5	3137.0	3130.4	3157.5	3134.6	3152.1	3141.8
65°	3114.1	3096.0	3112.3	3138.2	3118.3	3079.1	3045.3	3092.3	3077.3	3142.4	3108.6
67.5°	2861.2	2844.3	2837.6	2888.9	2864.2	2802.0	2779.1	2789.9	2772.4	2844.3	2831.0
70°	2270.8	2271.4	2284.7	2351.1	2326.4	2280.5	2252.7	2260.0	2277.5	2337.8	2320.9
72.5°	1722.7	1719.1	1734.8	1751.7	1752.9	1749.3	1742.0	1747.5	1757.7	1790.9	1799.4
75°	1359.4	1358.1	1332.8	1341.8	1338.2	1354.5	1378.7	1375.0	1380.5	1355.1	1347.9
77.5°	1028.6	1029.8	1020.1	1015.9	1012.3	1038.8	1077.5	1079.3	1053.3	1034.6	1026.8
80°	711.7	716.5	745.5	746.1	751.5	751.5	782.3	778.7	769.6	769.0	769.0
82.5°	472.0	480.5	510.1	543.9	549.3	542.7	559.6	564.4	575.9	584.3	586.7
85°	453.9	469.0	459.4	473.8	474.4	478.7	485.3	487.7	486.5	488.3	484.7
87.5°	424.9	443.7	441.2	450.9	453.3	460.0	467.2	470.2	464.2	459.4	458.1
90°	377.3	394.8	403.2	411.1	413.5	411.7	416.5	417.7	417.1	411.7	410.5
92.5°	357.3	364.0	368.8	374.8	382.1	377.9	380.9	377.9	382.7	381.5	382.7
95°	332.0	334.4	331.4	335.0	336.2	332.0	331.4	331.4	329.0	326.0	327.2
97.5°	280.7	284.9	283.7	283.7	284.3	282.5	283.1	282.5	283.7	281.9	281.3
100°	262.0	262.0	260.8	260.2	259.6	257.7	257.1	255.3	255.3	253.5	252.3
102.5°	242.7	244.5	242.7	242.1	242.1	239.0	239.6	239.6	238.4	237.8	234.8
105°	228.8	228.2	227.0	224.5	222.1	222.1	223.3	222.7	220.9	220.3	217.9
107.5°	216.1	214.9	213.1	209.5	208.2	208.9	210.7	211.3	210.7	208.2	206.4
110°	218.5	216.7	213.7	212.5	214.3	215.5	216.1	217.3	220.9	222.1	219.7

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REPORT NUMBER: P981049
CATALOG NUMBER: FFX-CLB-70-722-U-FR-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*263.2*	260.2	258.3	250.5	256.5	257.7	256.5	257.1	259.0	256.5	257.7
115°	*300.6*	303.6	304.2	280.1	280.7	277.1	273.4	272.2	266.8	271.0	284.9
117.5°	*277.7*	287.3	266.2	255.3	248.7	246.3	252.3	253.5	248.1	254.7	274.6
120°	*318.7*	322.9	279.5	258.3	257.7	268.0	284.3	289.1	283.1	295.8	318.7
122.5°	*432.8*	429.8	425.6	429.2	419.5	418.9	432.2	430.4	414.1	415.9	421.3
125°	*589.7*	588.5	580.7	572.8	566.2	569.8	564.4	557.7	545.7	543.9	543.9
127.5°	*564.4*	564.4	559.0	554.7	548.1	548.7	548.1	536.0	531.2	531.8	531.8
130°	*415.3*	415.9	432.8	447.9	443.7	445.5	434.6	431.0	446.7	461.2	461.2
132.5°	*351.9*	353.1	371.8	383.3	377.3	365.2	353.7	354.9	364.6	379.1	378.5
135°	*314.5*	316.9	318.1	316.9	313.3	310.3	309.7	312.7	315.1	325.4	327.8
137.5°	*284.9*	283.1	277.1	271.6	267.4	275.3	280.1	278.9	276.5	274.6	275.9
140°	*250.5*	248.1	239.6	238.4	240.8	244.5	245.7	246.9	247.5	246.3	245.7
142.5°	*195.6*	197.4	205.2	214.9	215.5	209.5	210.1	210.1	212.5	215.5	214.3
145°	*196.2*	197.4	200.4	207.6	207.6	202.8	201.0	202.8	208.2	214.3	214.3
147.5°	*218.5*	216.7	212.5	210.7	208.9	208.2	208.2	204.0	204.6	204.6	204.6
150°	*185.9*	185.3	182.9	181.7	181.1	180.5	183.5	182.9	184.1	182.9	182.3
152.5°	*153.3*	152.7	150.3	148.5	149.1	152.7	157.5	159.4	158.1	155.7	154.5
155°	*145.5*	146.1	142.5	141.2	141.9	143.7	144.9	144.9	142.5	139.4	139.4
157.5°	*137.6*	138.2	136.4	135.2	135.8	137.0	138.8	139.4	137.6	135.2	134.6
160°	*131.6*	131.0	130.4	130.4	130.4	130.4	131.0	131.6	131.0	130.4	129.8
162.5°	*128.6*	128.6	128.6	128.6	129.2	128.6	128.6	128.6	128.6	128.6	128.6
165°	*128.0*	128.0	128.6	129.8	130.4	129.8	129.8	129.8	130.4	131.6	131.6
167.5°	*133.4*	132.8	134.6	135.2	135.8	135.2	134.6	134.0	134.6	135.8	135.8
170°	*139.4*	140.0	140.0	140.6	140.6	140.0	139.4	140.0	139.4	140.0	140.0
172.5°	*145.5*	145.5	145.5	144.9	144.9	144.9	144.9	144.9	144.9	144.3	144.3
175°	*150.3*	150.3	150.3	150.3	149.7	150.3	150.9	150.9	150.3	150.3	149.1
177.5°	*154.5*	154.5	154.5	154.5	154.5	154.5	154.5	153.9	153.9	153.9	153.3
180°	*155.1*	155.1	155.1	155.1	155.1	155.1	155.1	155.1	155.1	155.1	155.1

Cooper Lighting Solutions Photometric Lab
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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: SP1-2501-332-2

Test Date: 03/20/2025

Luminaire Tested: FFX-CLB-100-722-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-722-U-FR-T5

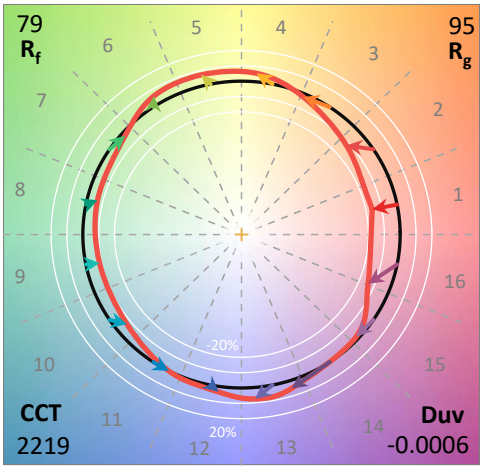
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-2
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-100-722-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	2219	CRI (Ra):	73.3		
CIE u':	0.2889	R1:	71.2	R9:	-25.6
CIE v':	0.5348	R2:	89.1	R10:	78.7
Duv:	-0.0006	R3:	88.3	R11:	66.6
CIE x:	0.5023	R4:	68.0	R12:	77.1
CIE y:	0.4133	R5:	71.8	R13:	75.0
CIE z:	0.0844	R6:	89.6	R14:	93.9
Peak Wavelength (nm):	606	R7:	71.4	R15:	61.0
Dominant Wavelength (nm):	587	R8:	37.3		
Purity:	74.84521				
Rf:	78.8				
Rg:	94.5				



Test Conditions

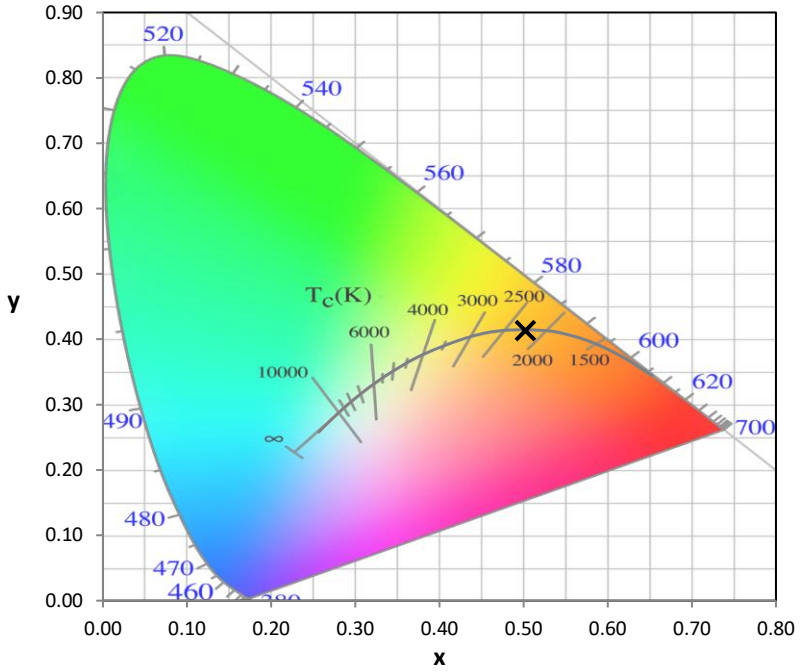
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

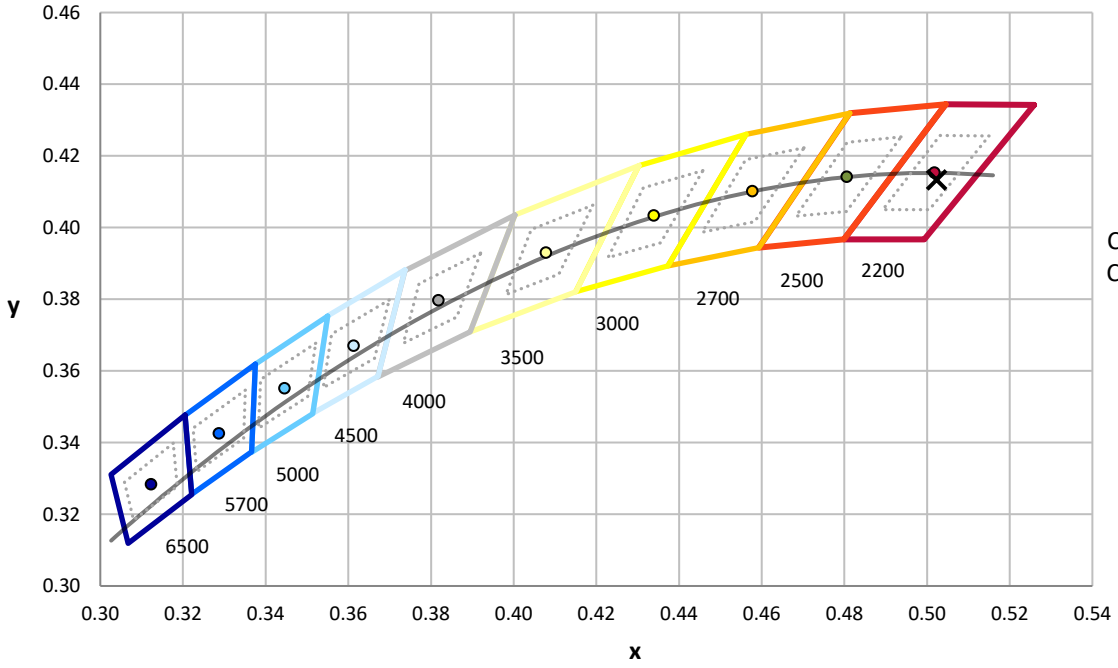
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-2

CIE 1931 Chromaticity Diagram



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

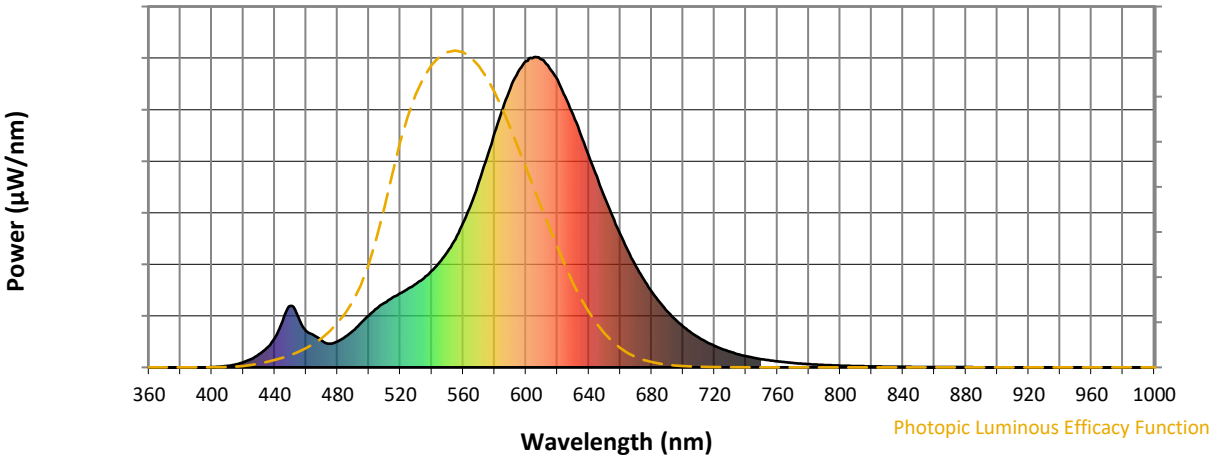


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

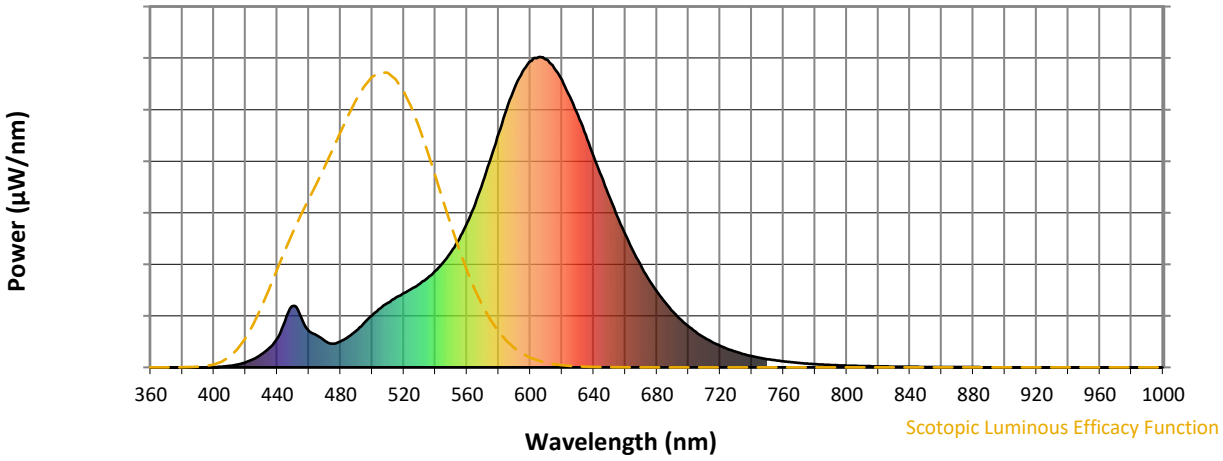


Photopic Lumens: NR

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	118	NR	620	926	NR	750	26	NR	880	1	NR
365	0	NR	495	143	NR	625	872	NR	755	23	NR	885	1	NR
370	0	NR	500	167	NR	630	813	NR	760	19	NR	890	0	NR
375	0	NR	505	190	NR	635	748	NR	765	17	NR	895	0	NR
380	0	NR	510	208	NR	640	681	NR	770	14	NR	900	0	NR
385	0	NR	515	224	NR	645	616	NR	775	12	NR	905	0	NR
390	0	NR	520	239	NR	650	548	NR	780	10	NR	910	0	NR
395	0	NR	525	254	NR	655	486	NR	785	9	NR	915	0	NR
400	1	NR	530	269	NR	660	429	NR	790	8	NR	920	0	NR
405	2	NR	535	288	NR	665	375	NR	795	7	NR	925	0	NR
410	5	NR	540	311	NR	670	326	NR	800	6	NR	930	0	NR
415	10	NR	545	339	NR	675	282	NR	805	5	NR	935	0	NR
420	16	NR	550	372	NR	680	245	NR	810	4	NR	940	0	NR
425	27	NR	555	413	NR	685	210	NR	815	4	NR	945	0	NR
430	42	NR	560	466	NR	690	180	NR	820	3	NR	950	0	NR
435	63	NR	565	526	NR	695	154	NR	825	3	NR	955	0	NR
440	94	NR	570	597	NR	700	132	NR	830	2	NR	960	0	NR
445	150	NR	575	674	NR	705	113	NR	835	2	NR	965	0	NR
450	198	NR	580	756	NR	710	96	NR	840	2	NR	970	0	NR
455	162	NR	585	831	NR	715	82	NR	845	2	NR	975	0	NR
460	117	NR	590	900	NR	720	69	NR	850	1	NR	980	0	NR
465	103	NR	595	952	NR	725	59	NR	855	1	NR	985	0	NR
470	85	NR	600	987	NR	730	50	NR	860	1	NR	990	0	NR
475	76	NR	605	999	NR	735	43	NR	865	1	NR	995	0	NR
480	84	NR	610	991	NR	740	36	NR	870	1	NR	1000	0	NR
485	98	NR	615	964	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

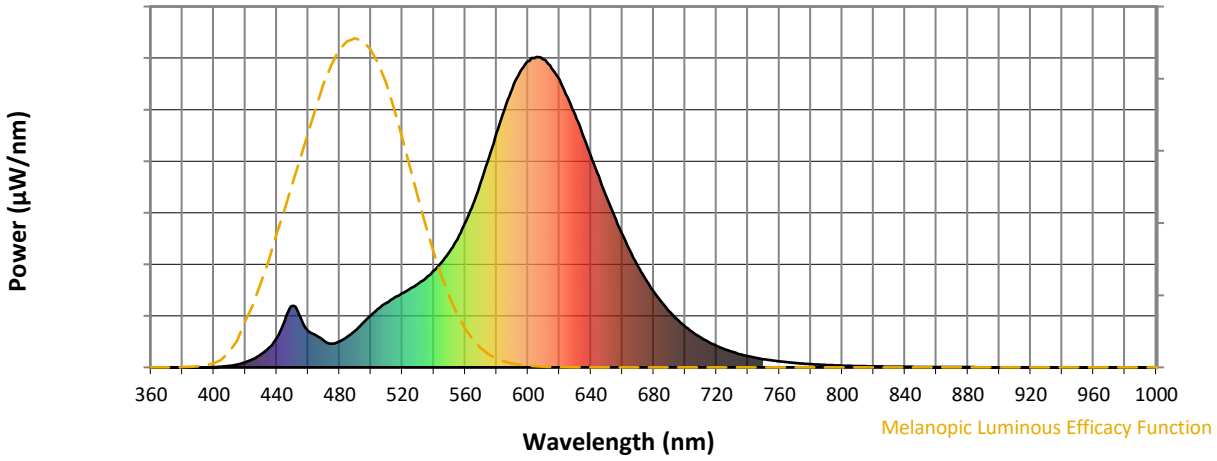


Scotopic Lumens: NR **S/P: 0.94**

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	118	NR	620	926	NR	750	26	NR	880	1	NR
365	0	NR	495	143	NR	625	872	NR	755	23	NR	885	1	NR
370	0	NR	500	167	NR	630	813	NR	760	19	NR	890	0	NR
375	0	NR	505	190	NR	635	748	NR	765	17	NR	895	0	NR
380	0	NR	510	208	NR	640	681	NR	770	14	NR	900	0	NR
385	0	NR	515	224	NR	645	616	NR	775	12	NR	905	0	NR
390	0	NR	520	239	NR	650	548	NR	780	10	NR	910	0	NR
395	0	NR	525	254	NR	655	486	NR	785	9	NR	915	0	NR
400	1	NR	530	269	NR	660	429	NR	790	8	NR	920	0	NR
405	2	NR	535	288	NR	665	375	NR	795	7	NR	925	0	NR
410	5	NR	540	311	NR	670	326	NR	800	6	NR	930	0	NR
415	10	NR	545	339	NR	675	282	NR	805	5	NR	935	0	NR
420	16	NR	550	372	NR	680	245	NR	810	4	NR	940	0	NR
425	27	NR	555	413	NR	685	210	NR	815	4	NR	945	0	NR
430	42	NR	560	466	NR	690	180	NR	820	3	NR	950	0	NR
435	63	NR	565	526	NR	695	154	NR	825	3	NR	955	0	NR
440	94	NR	570	597	NR	700	132	NR	830	2	NR	960	0	NR
445	150	NR	575	674	NR	705	113	NR	835	2	NR	965	0	NR
450	198	NR	580	756	NR	710	96	NR	840	2	NR	970	0	NR
455	162	NR	585	831	NR	715	82	NR	845	2	NR	975	0	NR
460	117	NR	590	900	NR	720	69	NR	850	1	NR	980	0	NR
465	103	NR	595	952	NR	725	59	NR	855	1	NR	985	0	NR
470	85	NR	600	987	NR	730	50	NR	860	1	NR	990	0	NR
475	76	NR	605	999	NR	735	43	NR	865	1	NR	995	0	NR
480	84	NR	610	991	NR	740	36	NR	870	1	NR	1000	0	NR
485	98	NR	615	964	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.65**

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	118	NR	620	926	NR	750	26	NR	880	1	NR
365	0	NR	495	143	NR	625	872	NR	755	23	NR	885	1	NR
370	0	NR	500	167	NR	630	813	NR	760	19	NR	890	0	NR
375	0	NR	505	190	NR	635	748	NR	765	17	NR	895	0	NR
380	0	NR	510	208	NR	640	681	NR	770	14	NR	900	0	NR
385	0	NR	515	224	NR	645	616	NR	775	12	NR	905	0	NR
390	0	NR	520	239	NR	650	548	NR	780	10	NR	910	0	NR
395	0	NR	525	254	NR	655	486	NR	785	9	NR	915	0	NR
400	1	NR	530	269	NR	660	429	NR	790	8	NR	920	0	NR
405	2	NR	535	288	NR	665	375	NR	795	7	NR	925	0	NR
410	5	NR	540	311	NR	670	326	NR	800	6	NR	930	0	NR
415	10	NR	545	339	NR	675	282	NR	805	5	NR	935	0	NR
420	16	NR	550	372	NR	680	245	NR	810	4	NR	940	0	NR
425	27	NR	555	413	NR	685	210	NR	815	4	NR	945	0	NR
430	42	NR	560	466	NR	690	180	NR	820	3	NR	950	0	NR
435	63	NR	565	526	NR	695	154	NR	825	3	NR	955	0	NR
440	94	NR	570	597	NR	700	132	NR	830	2	NR	960	0	NR
445	150	NR	575	674	NR	705	113	NR	835	2	NR	965	0	NR
450	198	NR	580	756	NR	710	96	NR	840	2	NR	970	0	NR
455	162	NR	585	831	NR	715	82	NR	845	2	NR	975	0	NR
460	117	NR	590	900	NR	720	69	NR	850	1	NR	980	0	NR
465	103	NR	595	952	NR	725	59	NR	855	1	NR	985	0	NR
470	85	NR	600	987	NR	730	50	NR	860	1	NR	990	0	NR
475	76	NR	605	999	NR	735	43	NR	865	1	NR	995	0	NR
480	84	NR	610	991	NR	740	36	NR	870	1	NR	1000	0	NR
485	98	NR	615	964	NR	745	31	NR	875	1	NR			

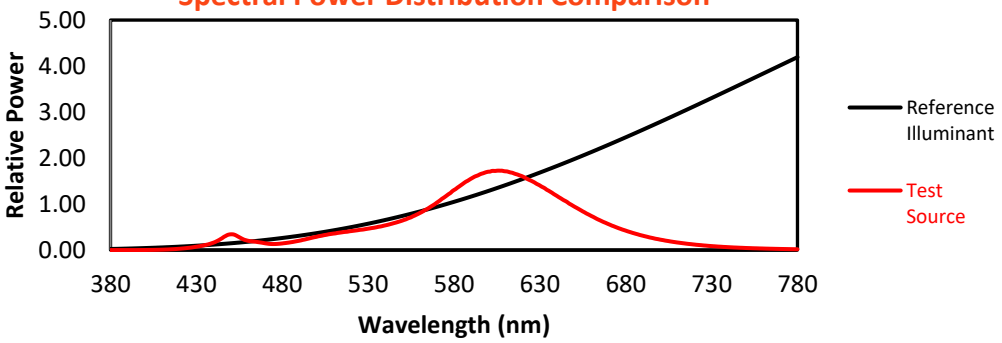
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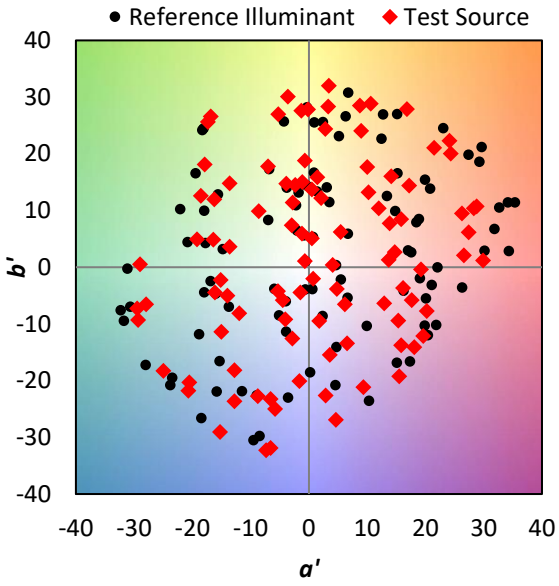
Summary

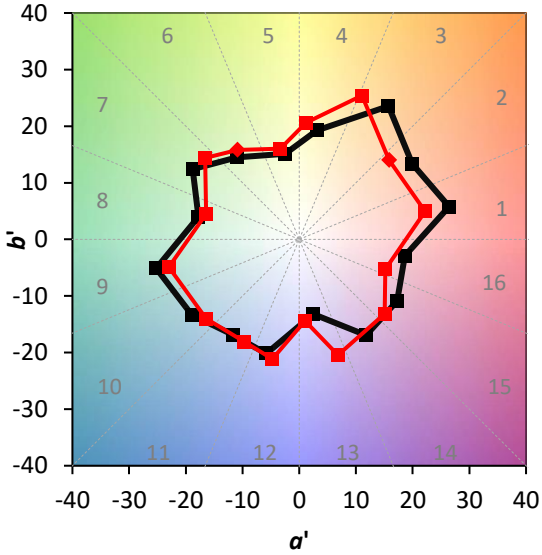
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

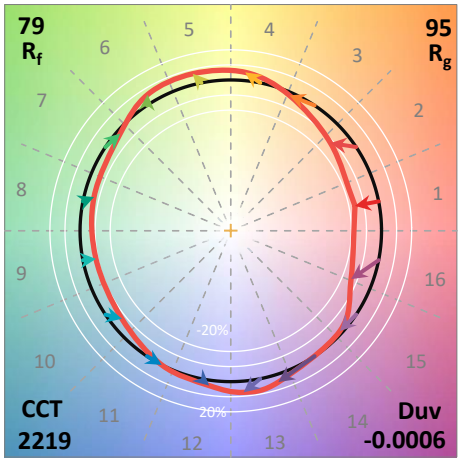
Spectral Power Distribution Comparison

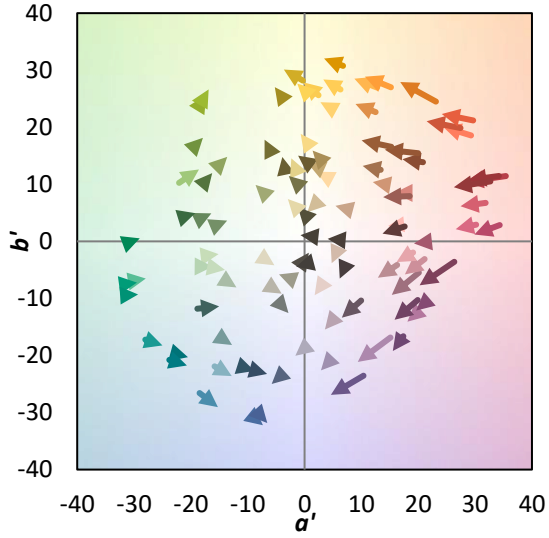


Color Vector Graphics







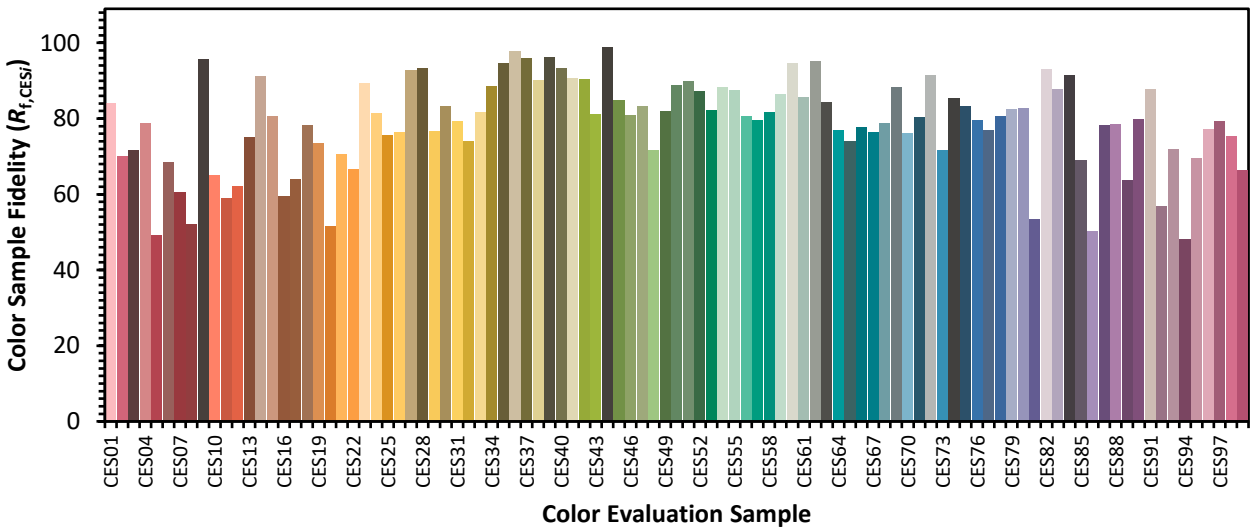


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Individual Sample Fidelity Index ($R_{f,i}$)

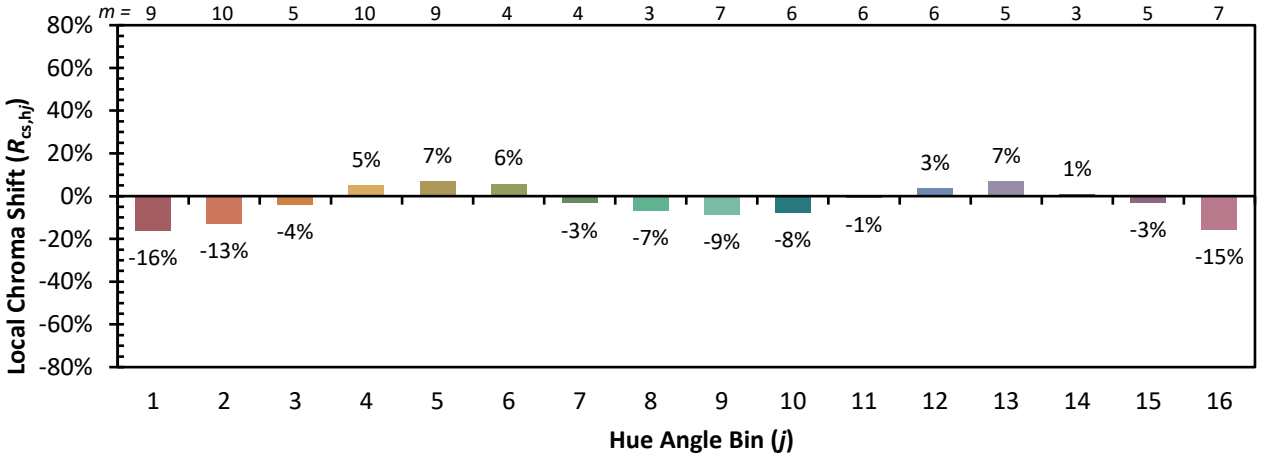
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82 = 93
CES08 = 42	CES33 = 82	CES58 = 82	CES83 = 88
CES09 = 29	CES34 = 89	CES59 = 87	CES84 = 91
CES10 = 79	CES35 = 95	CES60 = 95	CES85 = 69
CES11 = 62	CES36 = 98	CES61 = 86	CES86 = 50
CES12 = 68	CES37 = 96	CES62 = 95	CES87 = 78
CES13 = 45	CES38 = 90	CES63 = 84	CES88 = 79
CES14 = 75	CES39 = 96	CES64 = 77	CES89 = 64
CES15 = 72	CES40 = 93	CES65 = 74	CES90 = 80
CES16 = 49	CES41 = 91	CES66 = 78	CES91 = 88
CES17 = 51	CES42 = 90	CES67 = 77	CES92 = 57
CES18 = 57	CES43 = 81	CES68 = 79	CES93 = 72
CES19 = 74	CES44 = 99	CES69 = 88	CES94 = 48
CES20 = 68	CES45 = 85	CES70 = 76	CES95 = 70
CES21 = 88	CES46 = 81	CES71 = 80	CES96 = 77
CES22 = 81	CES47 = 83	CES72 = 91	CES97 = 79
CES23 = 92	CES48 = 72	CES73 = 72	CES98 = 75
CES24 = 92	CES49 = 82	CES74 = 85	CES99 = 66
CES25 = 73	CES50 = 89	CES75 = 83	

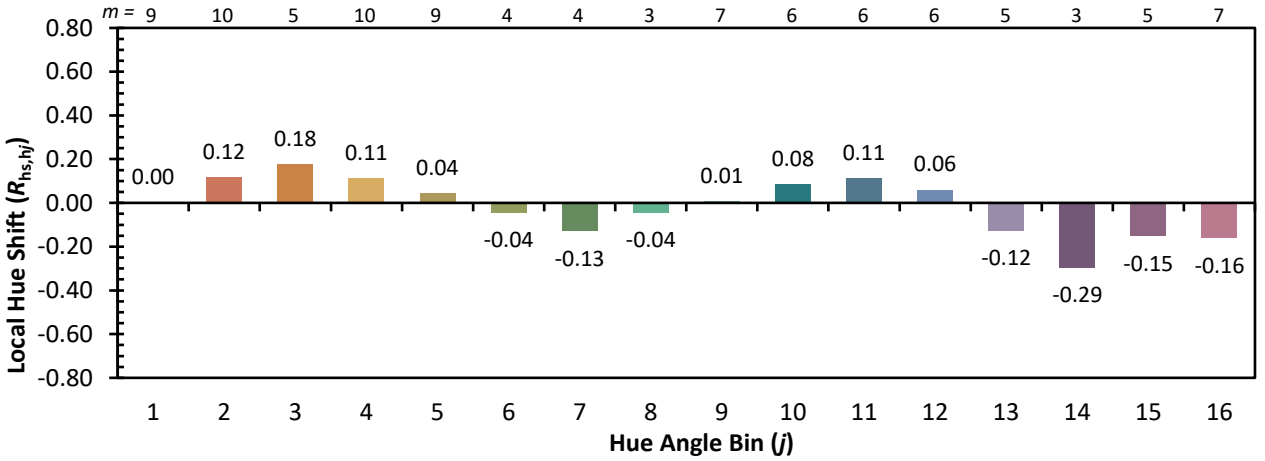


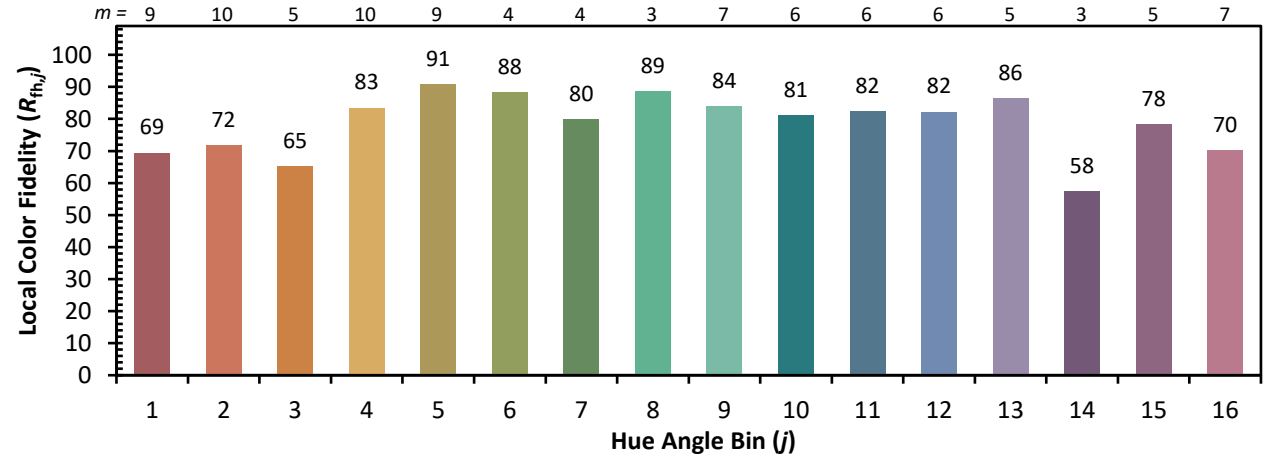
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Color Rendition by Hue-Angle Bin



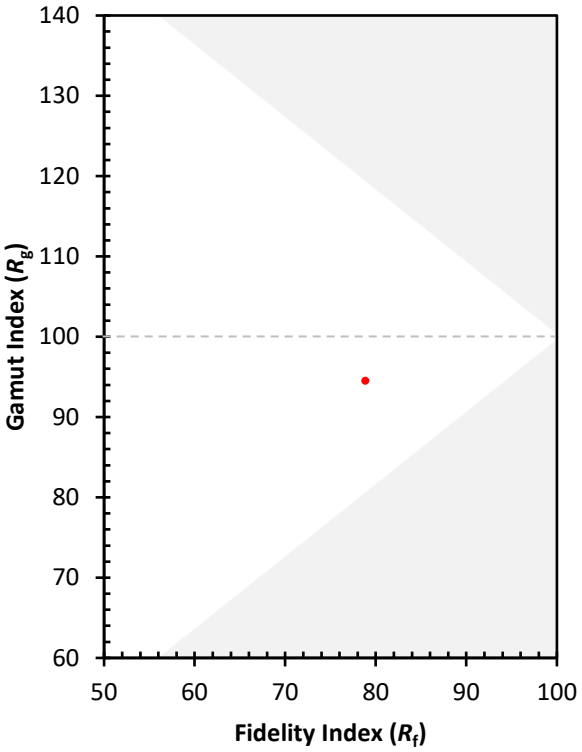


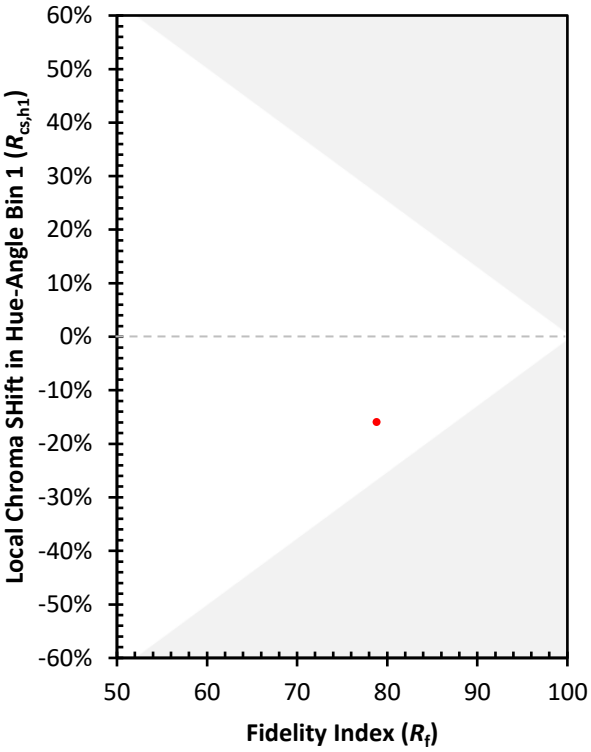


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Measure Comparisons





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