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: P981096

Luminaire Tested: **FFX-CLB-50-722-U-FR-T5-UPLR**

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:	P981096
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-50-722-U-FR-T5-UPLR
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS AND UPLIGHT REFLECTOR
Light Source:	(6) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6440.9 lumens
Efficiency:	N/A
Efficacy:	127.3 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B3 - U4 - G2

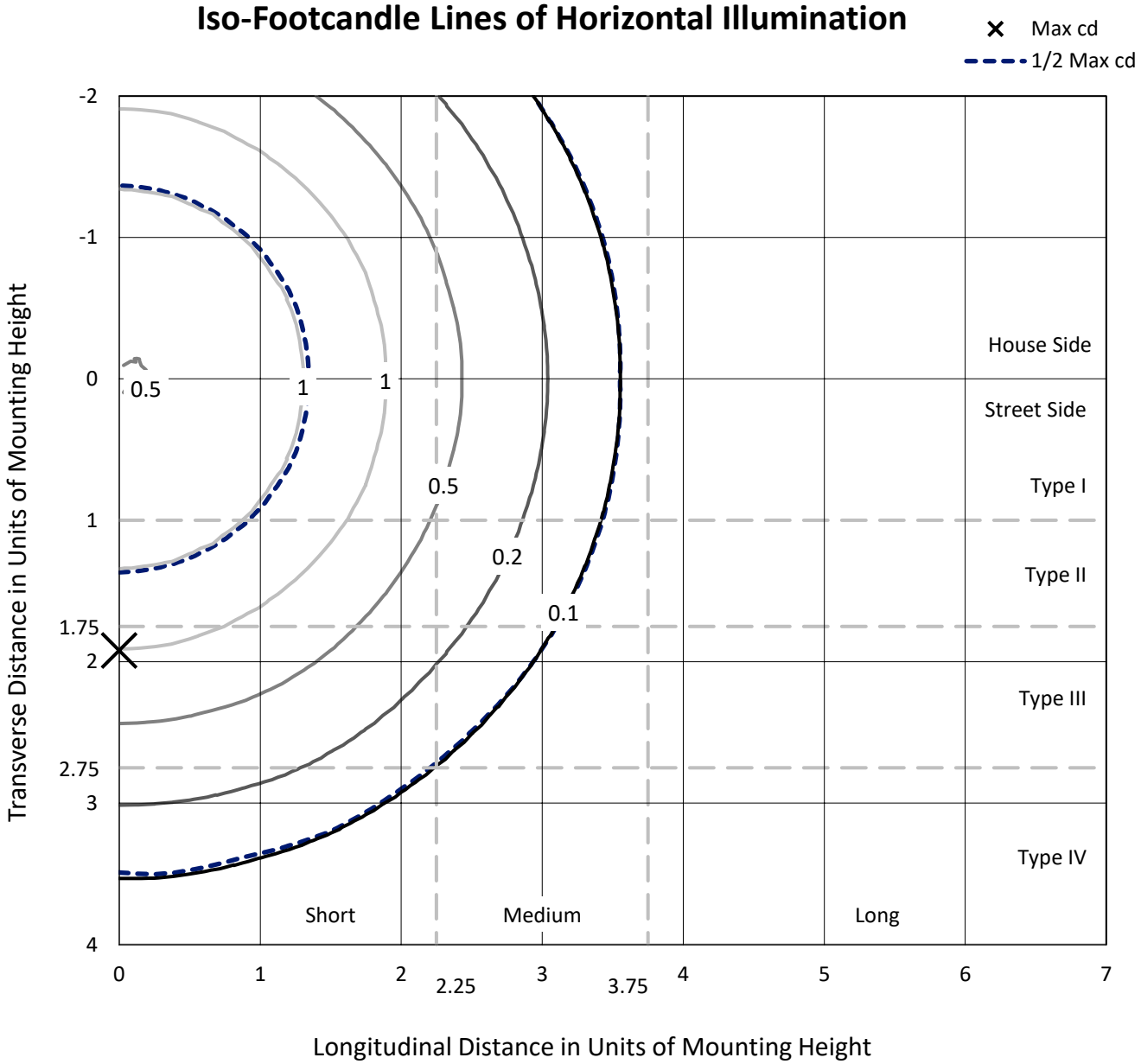
Input Watts (W):	50.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.12%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981096
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Iso-Footcandle Lines of Horizontal Illumination



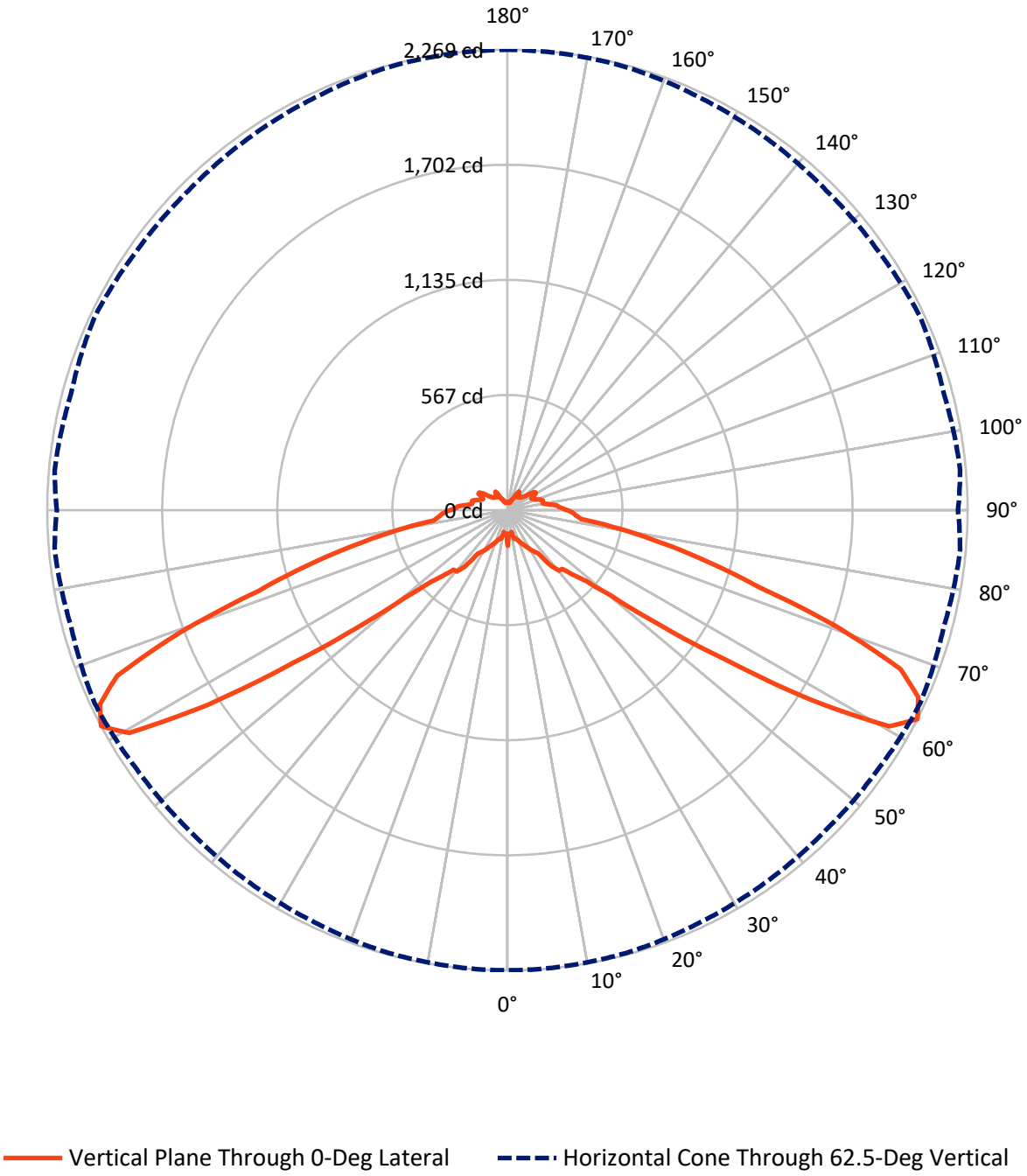
Based on 15 foot mounting height. Maximum calculated value = 1.2 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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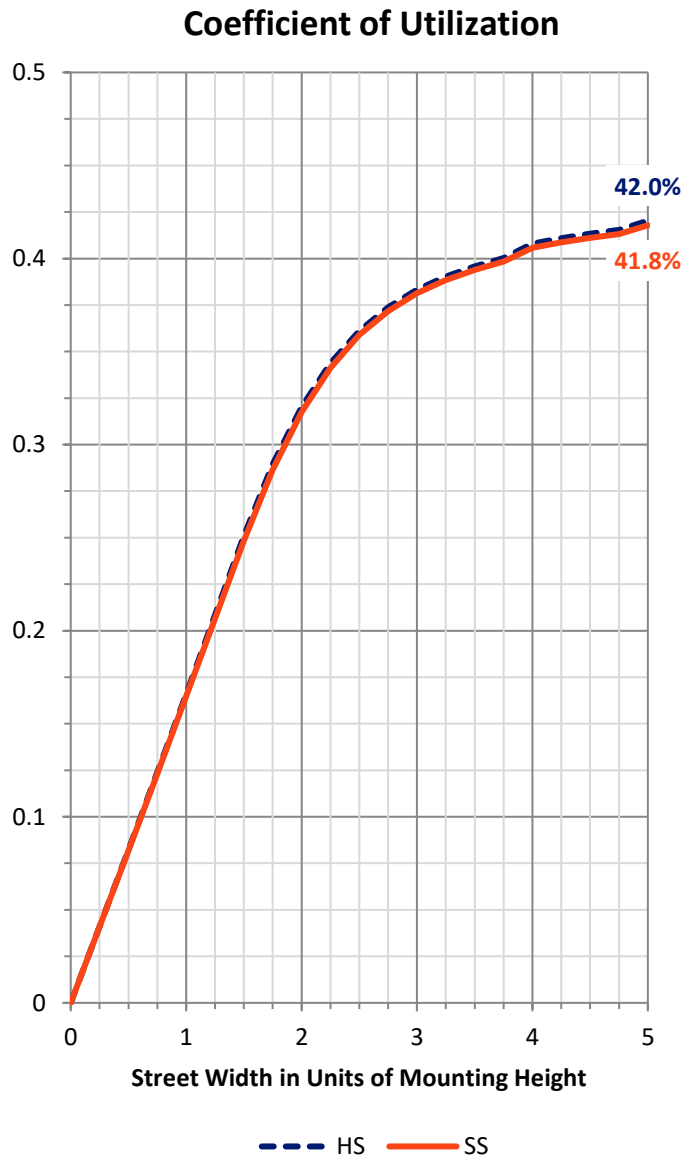
REPORT NUMBER: P981096
CATALOG NUMBER: FFX-CLB-50-722-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2803.4	417.1	3220.4
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	2803.4	417.1	3220.4
	% Fixture	43.5	6.5	50.0
Total	Lumens	5606.7	834.2	6440.9
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.0	0.2
10°-20°	40.8	0.6
20°-30°	89.5	1.4
30°-40°	184.0	2.9
40°-50°	379.8	5.9
50°-60°	1240.6	19.3
60°-70°	2091.7	32.5
70°-80°	1138.6	17.7
80°-90°	430.6	6.7
90°-100°	261.7	4.1
100°-110°	165.1	2.6
110°-120°	125.6	1.9
120°-130°	107.3	1.7
130°-140°	72.2	1.1
140°-150°	59.4	0.9
150°-160°	28.1	0.4
160°-170°	11.1	0.2
170°-180°	3.7	0.1
0°-90°	5606.7	87.0
0°-180°	6440.9	100.0



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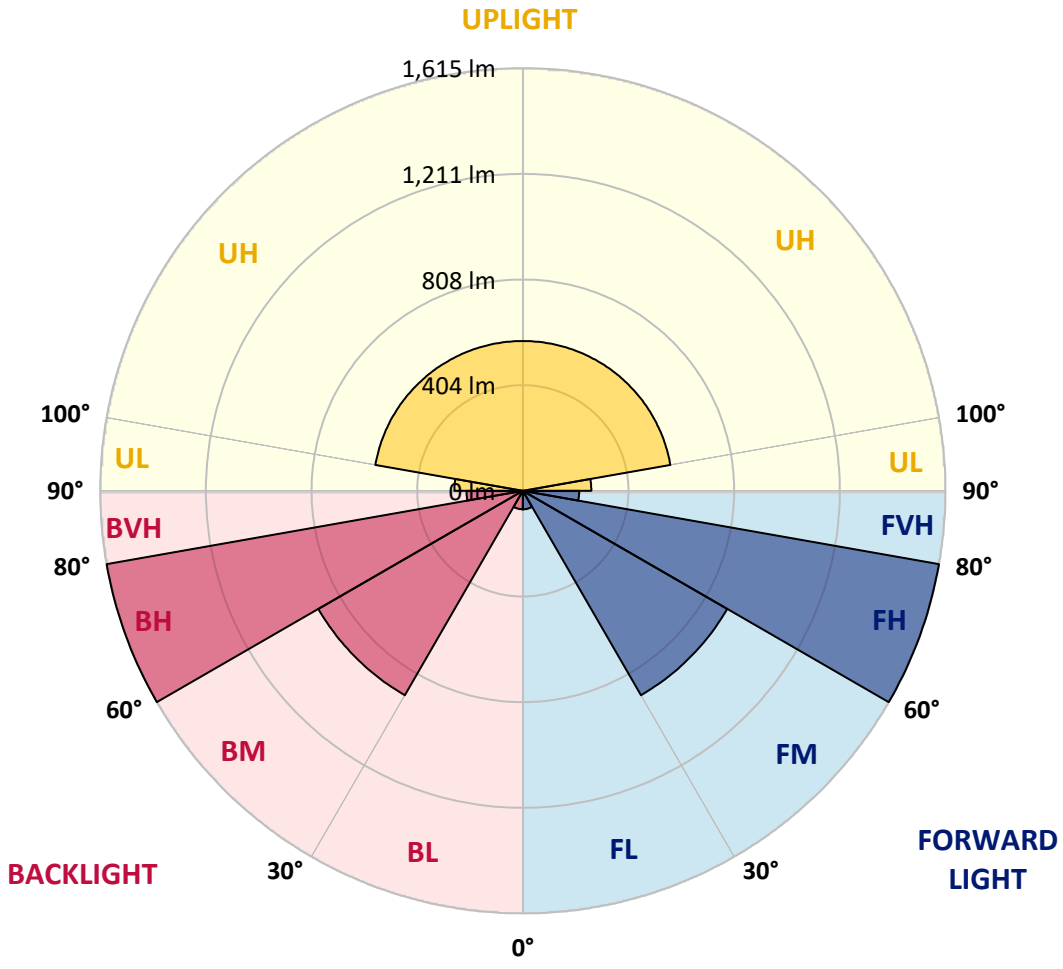
Scaled Data Report

REPORT NUMBER: P981096
CATALOG NUMBER: FFX-CLB-50-722-U-FR-T5-UPLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	70.7	1.1			
FM	(30°-60°)	902.2	14.0			
FH	(60°-80°)	1615.2	25.1			G1/1800
FVH	(80°-90°)	215.3	3.3			G2/225
BL	(0°-30°)	70.7	1.1	B0/110		
BM	(30°-60°)	902.2	14.0	B1/1000		
BH	(60°-80°)	1615.2	25.1	B3/2500		G1/1800
BVH	(80°-90°)	215.3	3.3			G2/225
UL	(90°-100°)	261.7	4.1		U3/500	
UH	(100°-180°)	572.4	8.9		U4/1000	

BUG Rating: B3-U4-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4
2.5°	116.8	121.5	147.4	168.6	168.2	153.3	134.2	135.9	147.4	157.5	160.1
5°	117.6	115.9	114.7	109.6	107.9	110.4	108.7	103.6	101.5	101.9	110.0
7.5°	122.3	120.2	107.9	98.5	97.2	102.8	114.7	114.7	101.9	92.2	91.7
10°	110.0	109.6	113.8	118.1	119.3	114.2	109.1	106.6	105.7	104.9	104.0
12.5°	145.2	143.5	134.6	129.1	128.2	130.8	134.6	133.3	127.0	123.6	123.6
15°	144.4	145.2	146.5	144.4	144.0	144.4	146.5	145.2	143.1	140.6	140.6
17.5°	152.5	152.9	153.3	154.2	153.3	152.0	152.0	151.6	152.0	152.9	152.9
20°	164.8	165.2	165.2	165.2	164.8	162.2	162.2	162.6	162.2	163.1	162.6
22.5°	178.4	177.9	177.9	177.9	176.7	174.5	174.1	174.5	173.3	173.3	173.3
25°	191.5	192.4	193.6	193.2	191.1	189.4	188.1	188.5	187.7	187.7	187.7
27.5°	208.1	207.2	209.8	208.9	206.8	206.8	205.5	205.5	204.3	203.8	203.4
30°	226.8	226.3	226.3	226.8	225.9	225.1	225.1	224.2	222.1	222.5	223.4
32.5°	245.0	244.6	243.8	244.2	243.8	242.5	244.6	244.6	243.8	244.2	246.7
35°	262.9	265.4	271.4	275.6	276.9	276.5	278.2	281.1	279.0	277.7	279.0
37.5°	347.8	346.1	339.7	335.9	336.8	338.9	334.2	330.8	328.7	328.3	330.4
40°	392.4	390.7	381.3	382.2	375.8	377.9	380.1	383.0	380.9	376.2	376.2
42.5°	396.2	396.6	409.8	429.8	423.8	411.1	399.2	405.1	414.0	419.6	421.7
45°	454.8	460.3	460.3	461.6	462.0	462.5	454.0	457.8	465.0	473.9	473.5
47.5°	522.3	525.7	527.9	530.4	529.1	530.4	541.4	538.5	546.5	545.7	544.8
50°	663.7	678.2	680.7	690.5	684.6	685.8	706.2	707.9	707.9	706.6	708.3
52.5°	941.9	954.6	952.5	930.9	941.5	960.6	982.7	967.0	989.5	978.4	973.3
55°	1295.2	1295.6	1309.7	1339.8	1353.8	1339.0	1350.8	1321.5	1370.8	1376.7	1361.9
57.5°	1764.0	1773.0	1775.9	1783.6	1772.5	1770.8	1779.3	1761.1	1784.0	1761.5	1770.4
60°	2164.9	2153.5	2120.8	2074.5	2079.6	2097.8	2130.9	2119.5	2103.3	2071.9	2064.7
62.5°	2269.4	2267.7	2260.9	2243.9	2233.7	2225.6	2229.9	2247.3	2226.9	2240.9	2222.2
65°	2226.5	2225.2	2231.6	2246.5	2235.4	2208.2	2184.5	2212.9	2200.2	2246.9	2233.3
67.5°	2089.3	2083.8	2077.4	2105.0	2087.6	2048.6	2031.1	2033.7	2026.1	2072.8	2059.2
70°	1723.3	1714.4	1726.2	1770.0	1744.9	1710.1	1690.1	1698.6	1700.8	1730.5	1735.2
72.5°	1291.4	1302.4	1314.3	1343.6	1337.7	1318.6	1329.6	1342.4	1354.7	1365.7	1361.0
75°	1022.2	1035.3	1011.5	1026.0	1020.9	1035.7	1045.9	1051.9	1050.6	1039.1	1034.0
77.5°	777.1	787.7	782.2	778.0	781.8	796.7	828.9	825.1	806.9	787.3	791.1
80°	558.9	577.5	579.7	578.0	586.0	588.2	615.3	608.1	593.3	592.8	597.1
82.5°	366.1	374.6	401.3	425.1	431.5	420.8	438.7	445.5	449.3	449.7	448.4
85°	338.9	348.2	341.9	354.6	357.6	360.5	363.5	366.1	370.3	374.1	375.8
87.5°	320.2	335.5	334.6	343.1	342.3	348.2	353.7	355.4	350.3	344.8	343.1
90°	286.2	298.5	303.2	308.3	310.9	310.0	314.7	314.7	311.3	308.7	307.9
92.5°	256.9	263.7	268.0	274.3	276.0	275.2	279.9	277.7	278.2	279.0	279.9
95°	242.9	245.9	244.6	247.2	243.8	240.8	242.5	239.9	238.7	236.5	236.5
97.5°	203.0	202.6	202.6	203.4	201.7	199.2	200.4	200.0	200.4	200.4	198.7
100°	177.9	177.5	175.0	174.5	174.1	173.3	172.0	172.4	172.4	172.0	172.4
102.5°	177.5	173.7	168.2	162.2	162.2	160.9	161.4	160.9	160.5	158.0	156.7
105°	180.9	175.0	165.6	153.7	152.0	152.5	153.7	153.3	151.6	149.1	147.4
107.5°	167.3	160.5	155.0	147.4	145.2	144.8	145.7	146.1	144.4	141.0	138.4
110°	148.2	145.7	143.1	140.1	138.0	137.6	137.6	137.6	135.9	134.6	131.6

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CATALOG NUMBER: FFX-CLB-50-722-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*139.7*	136.7	133.8	131.2	129.9	129.5	128.7	127.8	126.5	125.3	123.6
115°	*131.6*	131.6	129.5	120.2	118.1	117.6	117.2	117.2	117.2	117.2	116.8
117.5°	*142.7*	141.4	133.3	121.5	117.6	115.5	113.8	114.7	114.2	117.2	116.4
120°	*163.5*	154.2	136.7	128.2	124.9	123.2	123.6	124.0	123.6	122.7	121.0
122.5°	*161.8*	151.6	141.0	134.6	130.8	130.4	132.1	131.6	127.8	121.9	117.2
125°	*142.3*	136.7	130.4	124.4	122.3	121.5	122.3	121.0	118.5	115.5	110.8
127.5°	*110.4*	109.6	106.2	103.6	104.0	105.3	107.4	107.4	106.2	104.5	101.9
130°	*98.9*	98.1	98.5	99.4	98.9	98.9	96.8	95.1	98.1	100.6	99.4
132.5°	*91.3*	91.7	96.0	102.3	101.1	97.7	92.6	91.7	96.4	101.5	101.1
135°	*87.9*	88.3	91.7	98.1	96.4	92.2	90.0	90.5	93.0	95.5	95.1
137.5°	*87.9*	87.9	87.1	89.2	89.2	89.2	88.8	90.0	91.7	91.7	90.5
140°	*86.6*	87.5	84.9	85.4	86.6	87.9	88.3	90.0	90.5	90.0	88.3
142.5°	*79.4*	80.3	82.8	86.2	87.1	87.9	90.5	90.0	90.0	90.0	89.2
145°	*97.7*	97.7	99.8	102.8	101.5	99.8	100.6	101.1	101.9	102.8	101.9
147.5°	*107.9*	107.9	105.3	104.5	102.3	102.3	104.9	104.5	104.0	103.2	103.6
150°	*89.2*	88.8	86.6	85.8	85.8	84.9	86.2	86.2	84.9	84.1	84.5
152.5°	*63.7*	64.1	63.3	64.1	65.4	66.7	67.9	68.8	68.8	68.8	67.9
155°	*57.8*	56.9	56.5	57.3	57.8	57.3	56.5	56.5	56.5	55.6	55.2
157.5°	*50.1*	49.7	49.3	49.7	49.7	50.1	50.5	51.0	51.0	50.1	49.7
160°	*43.3*	43.3	43.3	43.7	43.7	43.3	42.9	43.3	44.2	44.2	44.2
162.5°	*39.1*	39.5	39.9	40.8	40.8	39.9	39.1	39.1	39.9	40.8	40.8
165°	*36.1*	36.1	36.9	38.6	39.1	37.8	36.5	36.5	37.8	39.5	39.9
167.5°	*36.1*	36.5	37.8	39.1	38.6	37.4	36.1	36.1	37.4	38.6	38.6
170°	*38.6*	38.6	38.2	37.8	37.4	37.4	37.4	37.8	38.2	37.8	37.8
172.5°	*40.8*	40.3	39.1	37.8	37.4	38.6	39.5	39.1	38.6	37.8	37.8
175°	*41.6*	41.2	40.3	39.5	39.5	40.3	40.8	39.9	39.1	38.6	38.2
177.5°	*37.4*	37.4	36.9	36.9	37.4	36.9	36.9	36.9	36.5	36.1	35.7
180°	*32.3*	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3

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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

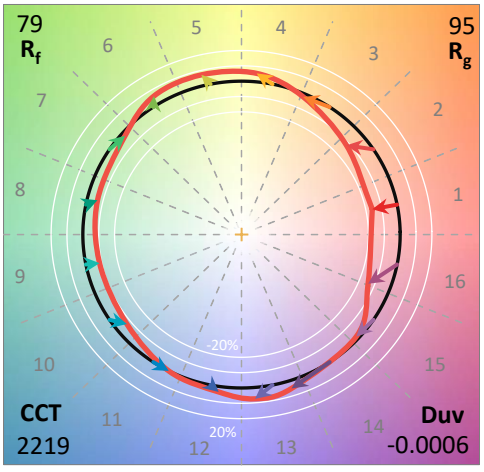
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

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

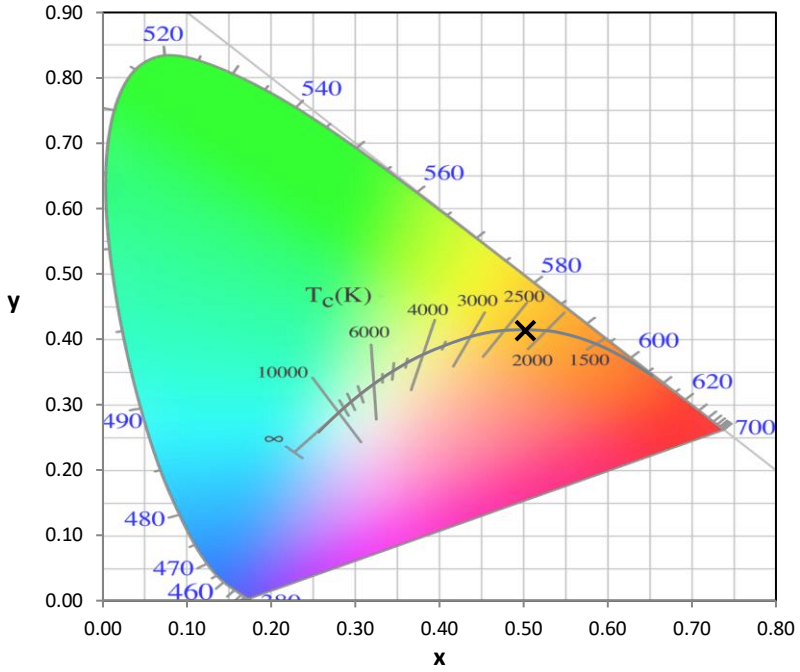
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

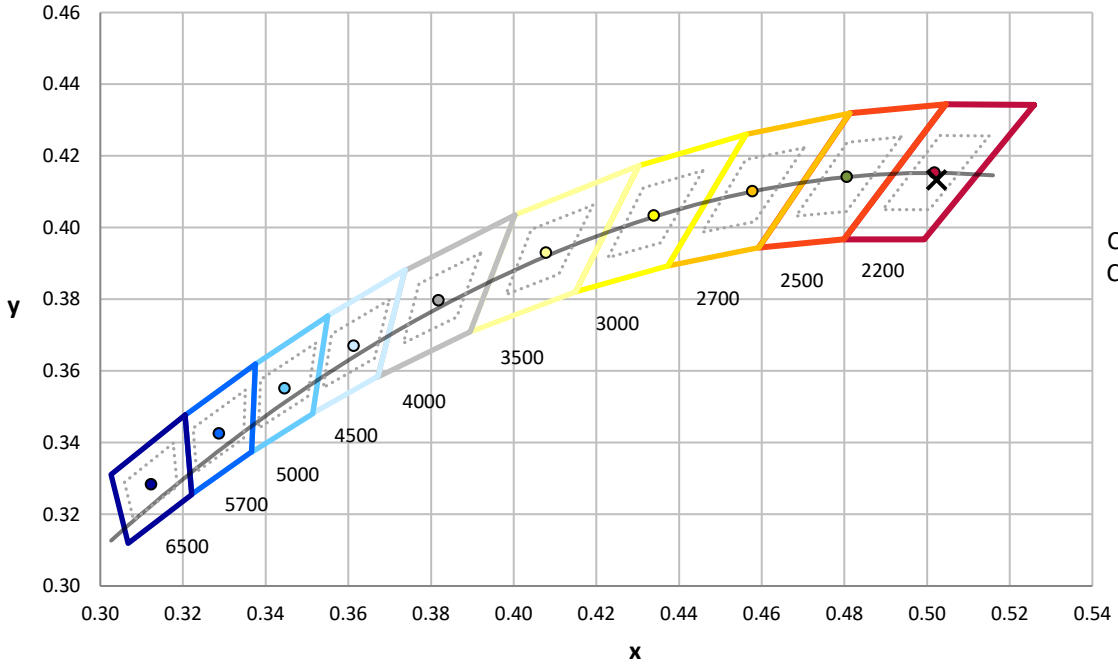
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

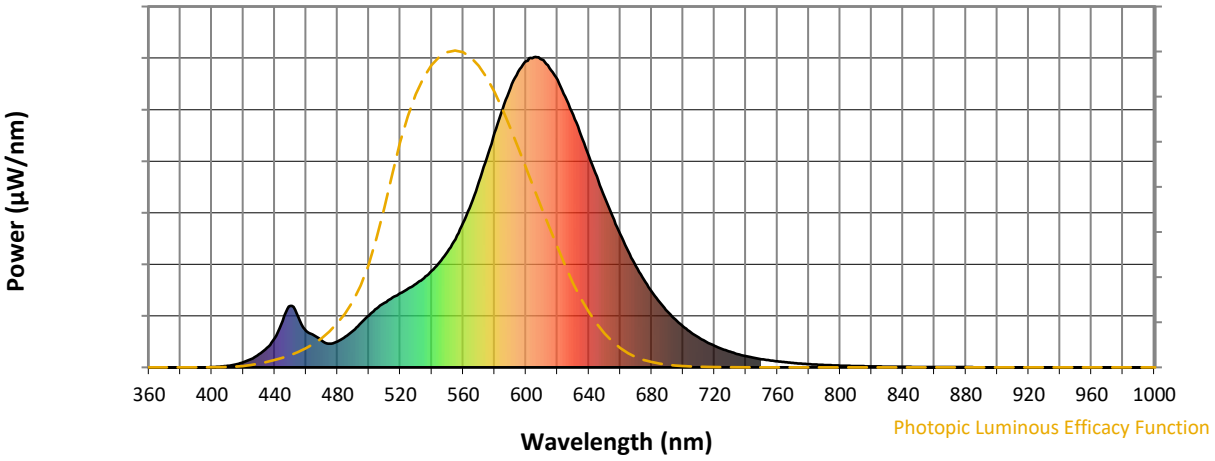


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

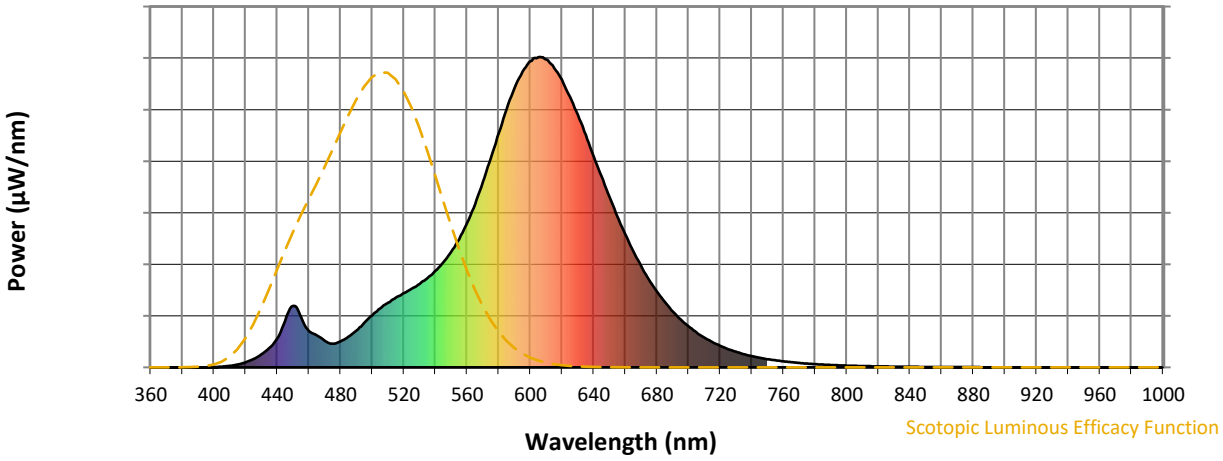


Photopic Lumens: NR

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

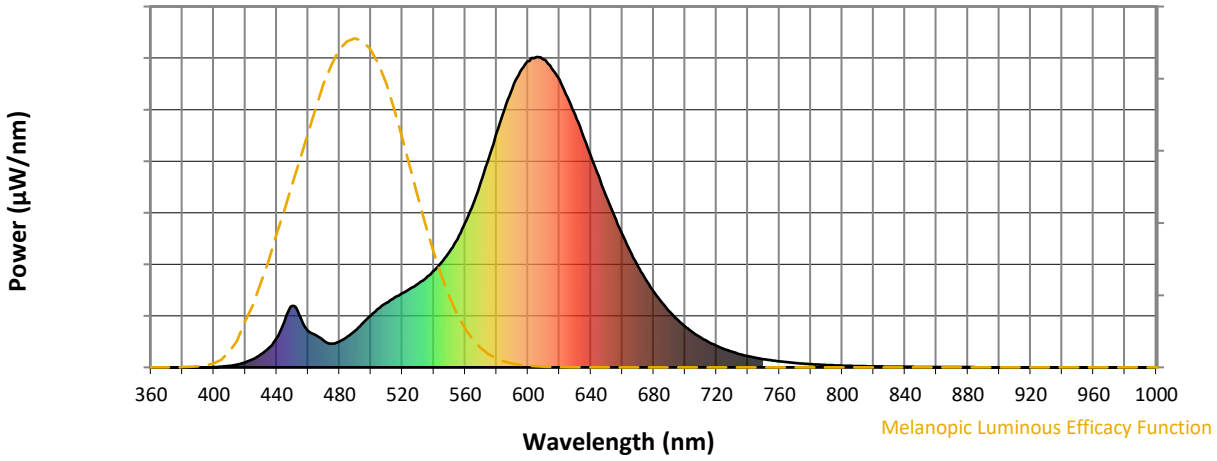


Scotopic Lumens: NR **S/P: 0.94**

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			

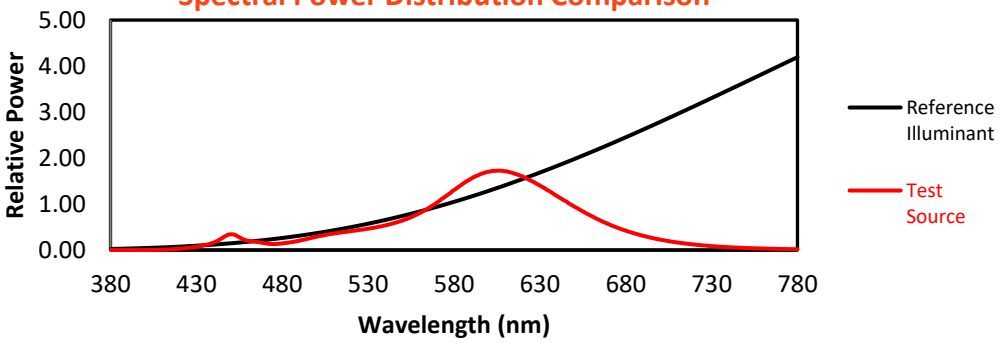
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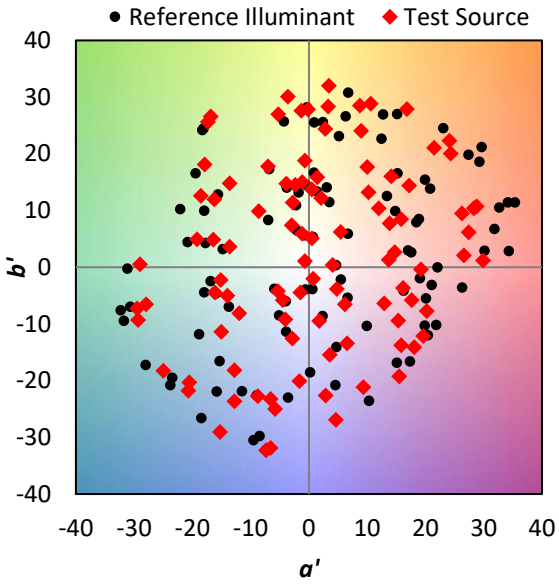
Summary

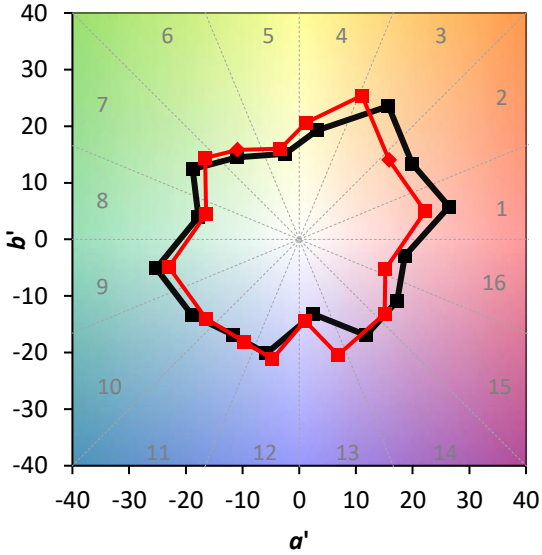
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

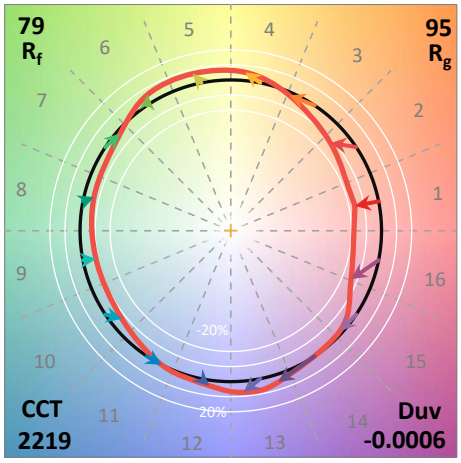
Spectral Power Distribution Comparison

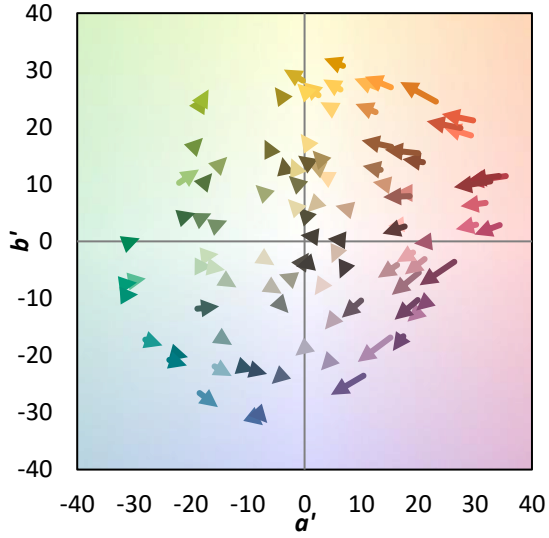


Color Vector Graphics







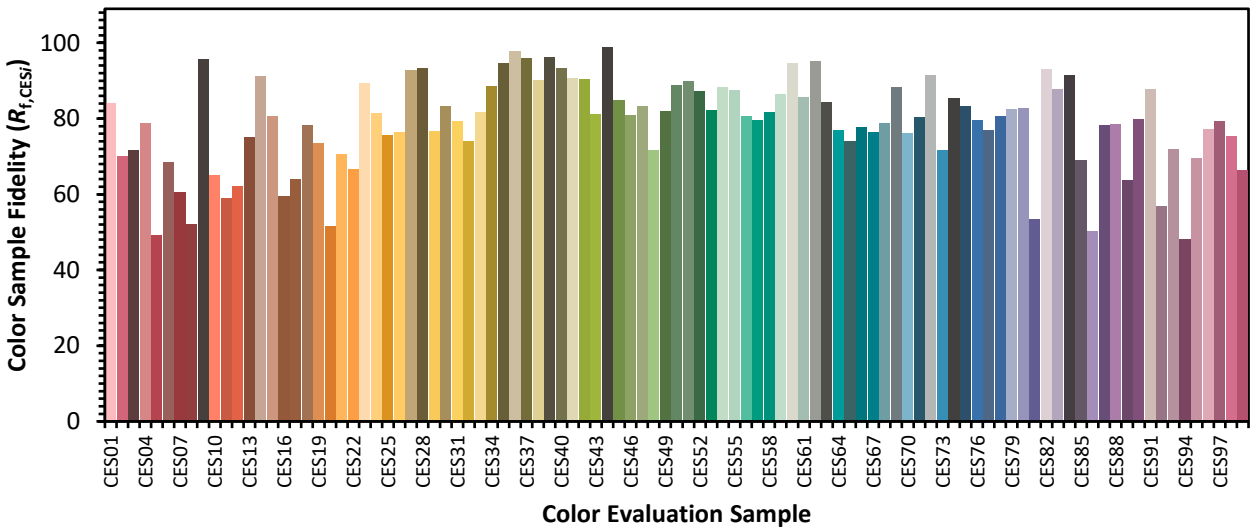


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Individual Sample Fidelity Index ($R_{f,i}$)

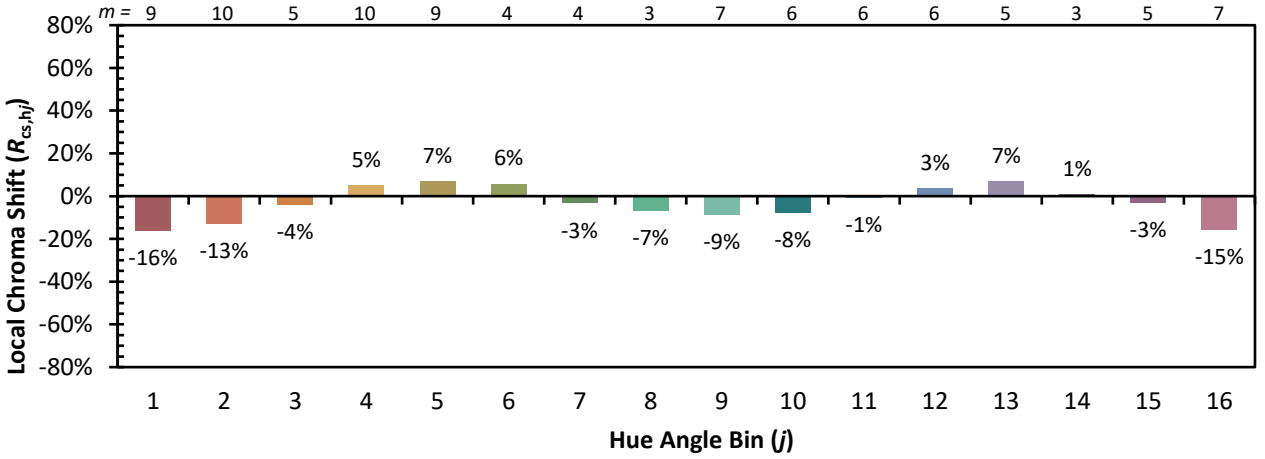
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82 = 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	

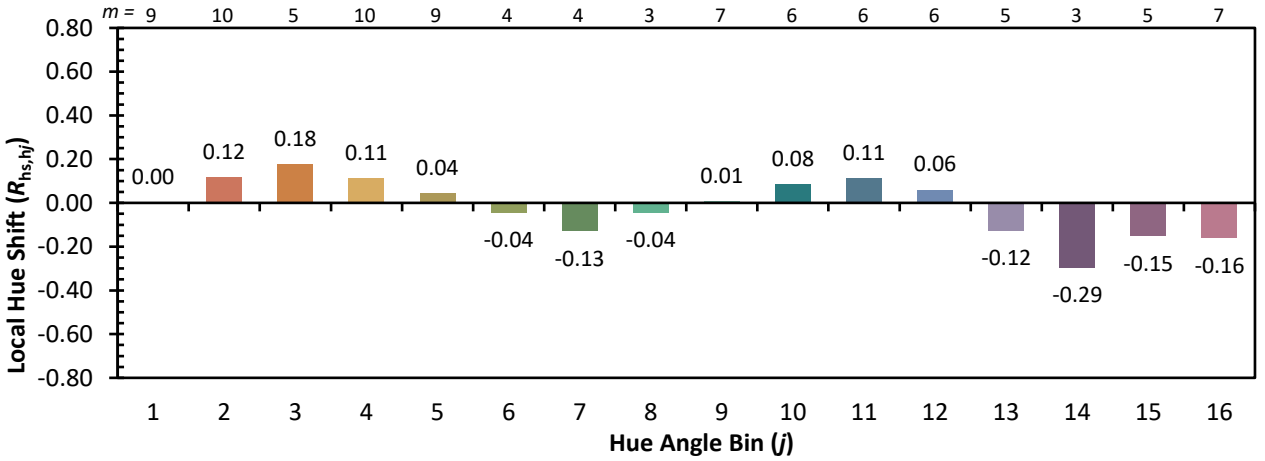


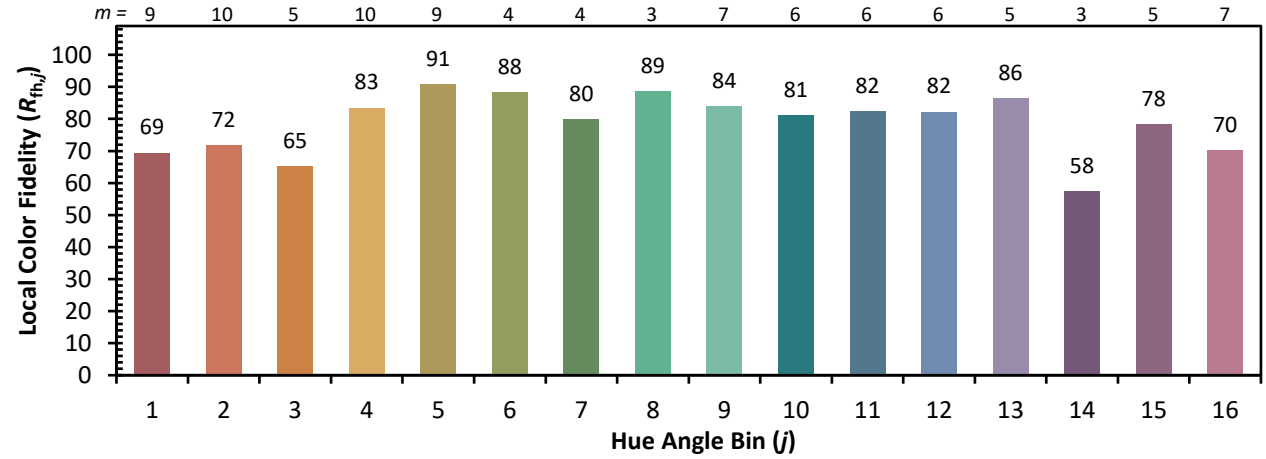
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Color Rendition by Hue-Angle Bin



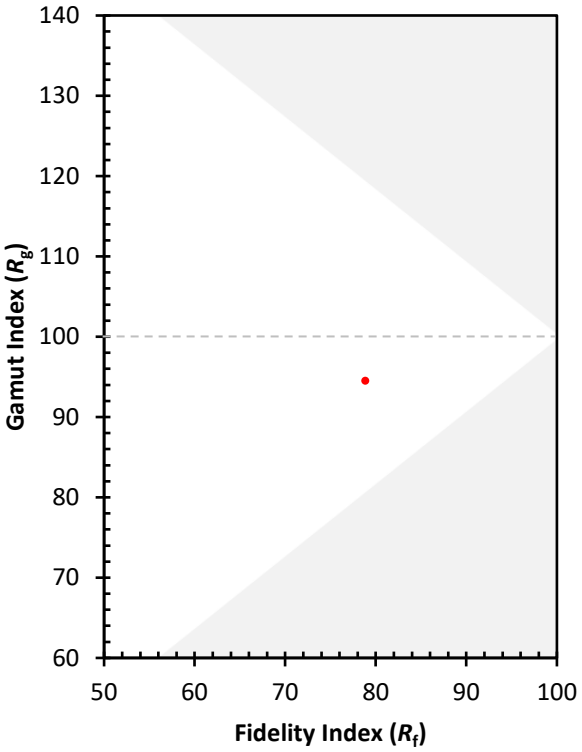


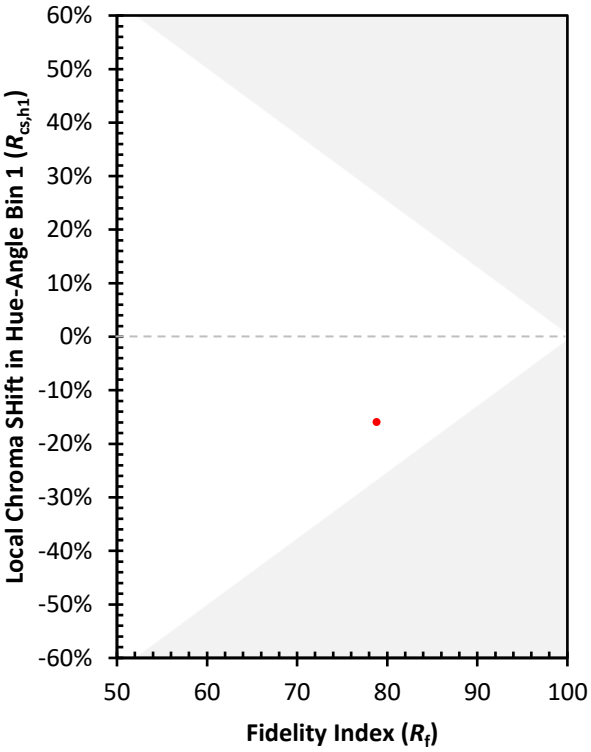


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Measure Comparisons





(END OF REPORT)