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: P981047

Luminaire Tested: **FFX-CLB-90-722-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:	P981047
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-90-722-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:	12093.2 lumens
Efficiency:	N/A
Efficacy:	133.5 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B4 - U5 - G3

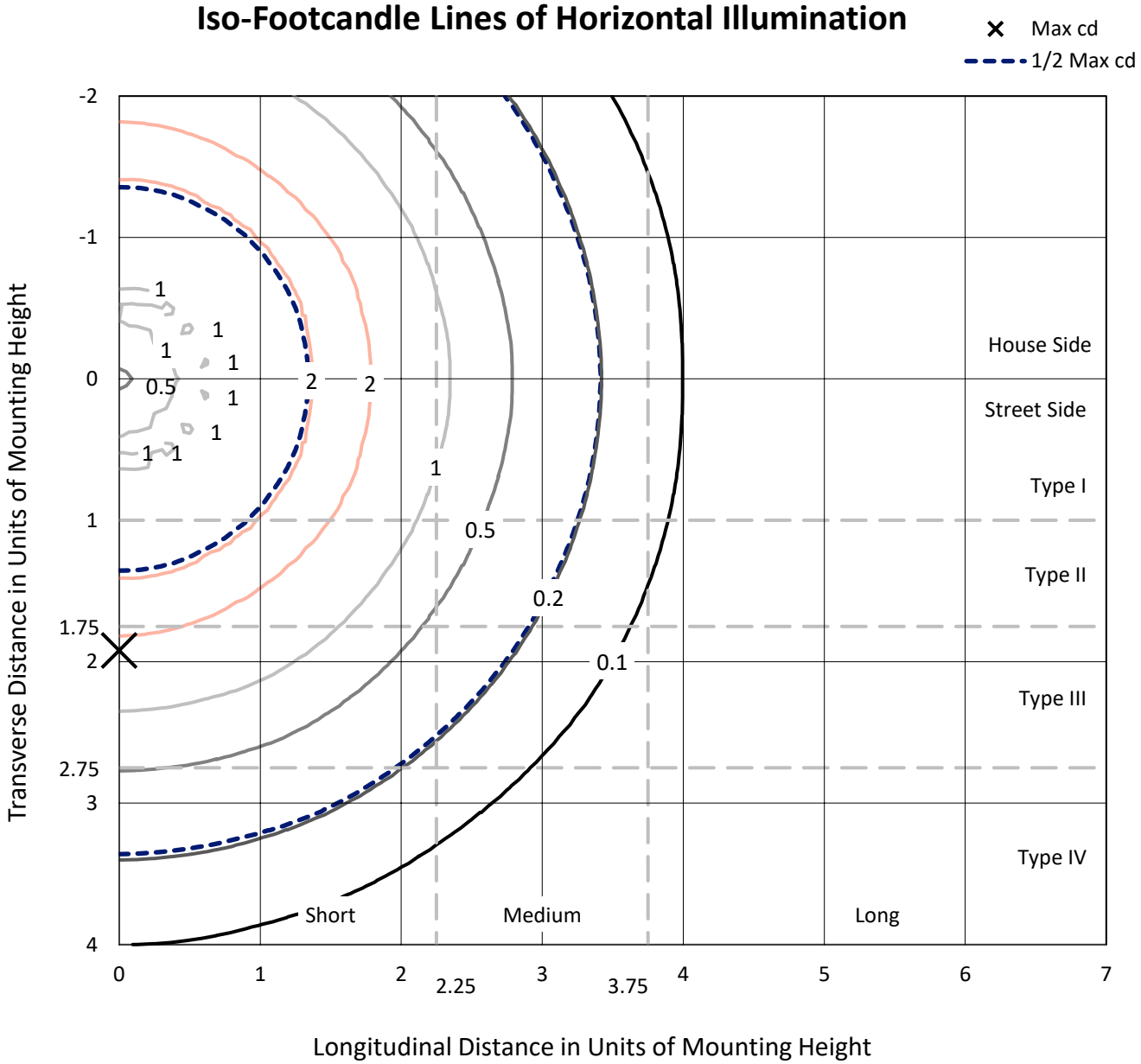
Input Watts (W):	90.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981047
CATALOG NUMBER: FFX-CLB-90-722-U-FR-T5

Iso-Footcandle Lines of Horizontal Illumination



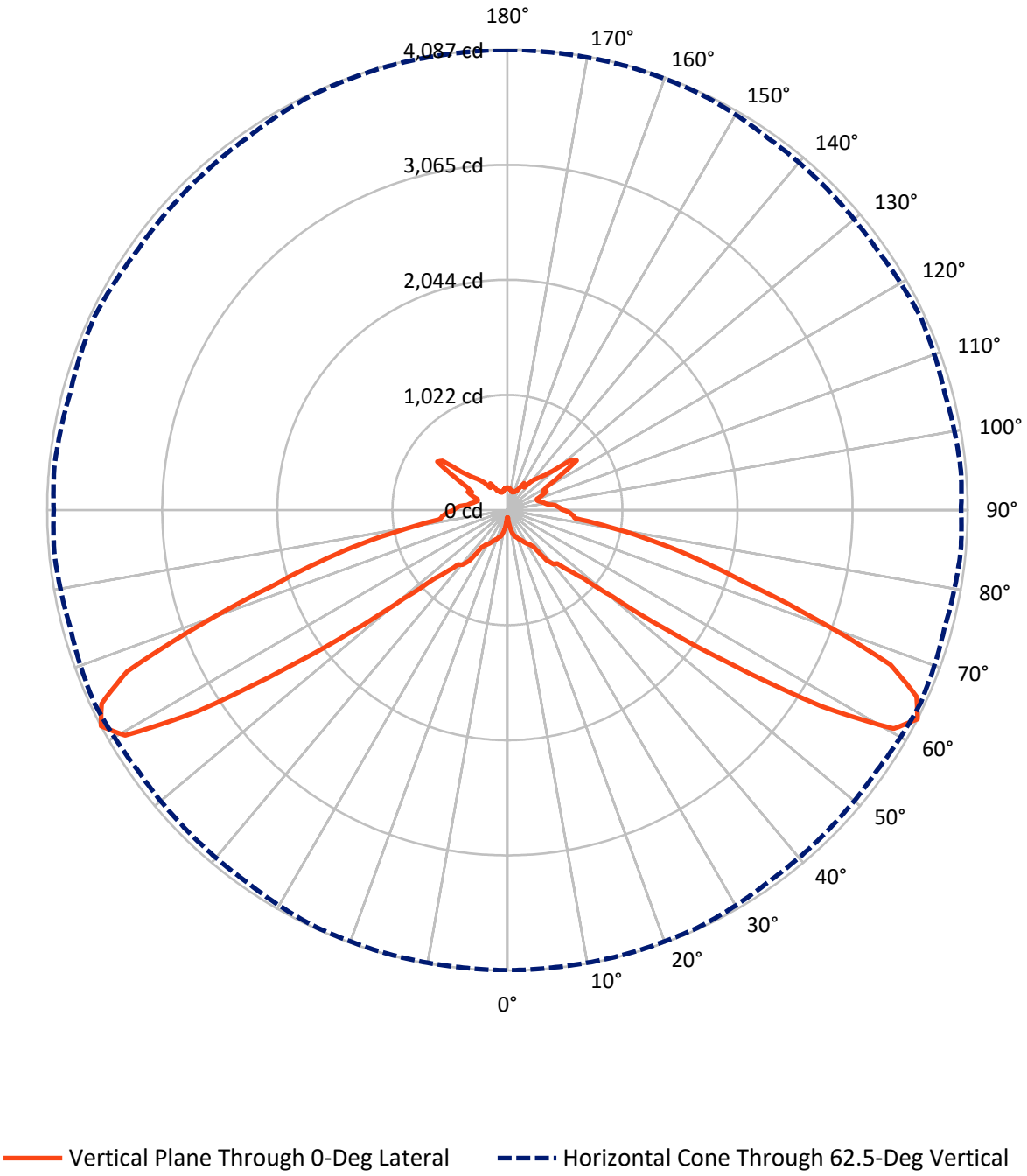
Based on 15 foot mounting height. Maximum calculated value = 2.3 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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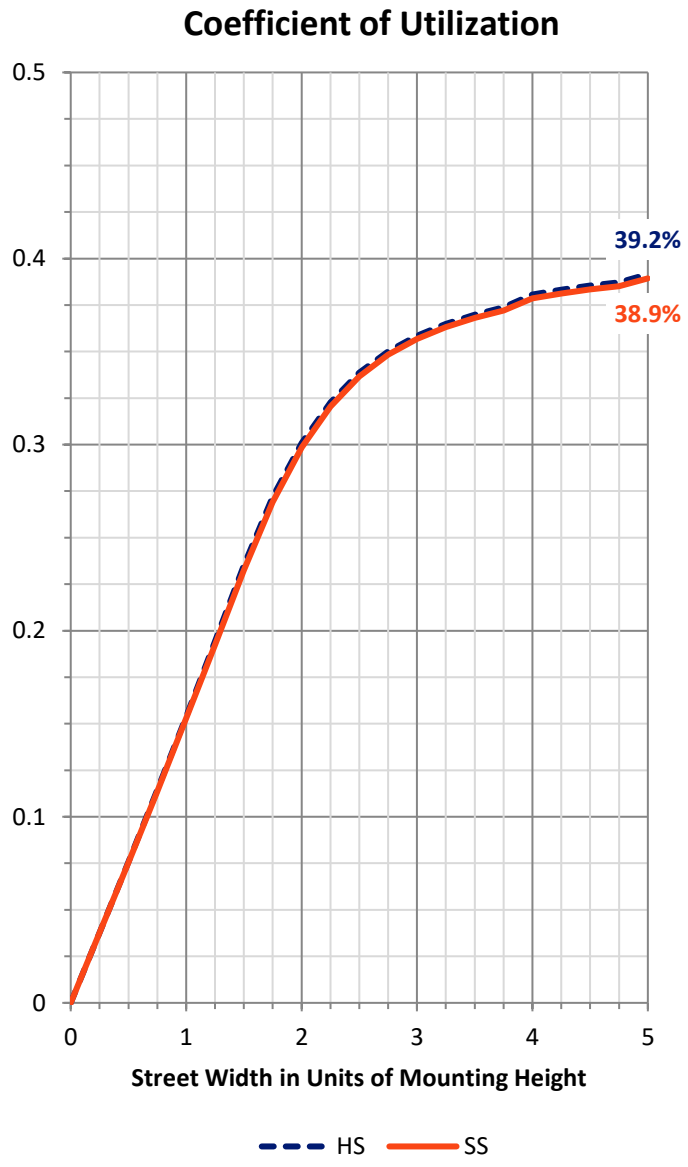
REPORT NUMBER: P981047
CATALOG NUMBER: FFX-CLB-90-722-U-FR-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4897.4	1149.2	6046.6
	% Fixture	40.5	9.5	50.0
Street Side	Lumens	4897.4	1149.2	6046.6
	% Fixture	40.5	9.5	50.0
Total	Lumens	9794.7	2298.4	12093.2
	% Fixture	81.0	19.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.5	0.1
10°-20°	67.2	0.6
20°-30°	142.9	1.2
30°-40°	288.8	2.4
40°-50°	645.3	5.3
50°-60°	2276.0	18.8
60°-70°	3724.8	30.8
70°-80°	1916.2	15.8
80°-90°	721.0	6.0
90°-100°	464.0	3.8
100°-110°	309.5	2.6
110°-120°	332.3	2.7
120°-130°	543.8	4.5
130°-140°	325.5	2.7
140°-150°	169.1	1.4
150°-160°	88.4	0.7
160°-170°	47.8	0.4
170°-180°	18.0	0.1
0°-90°	9794.7	81.0
0°-180°	12093.2	100.0



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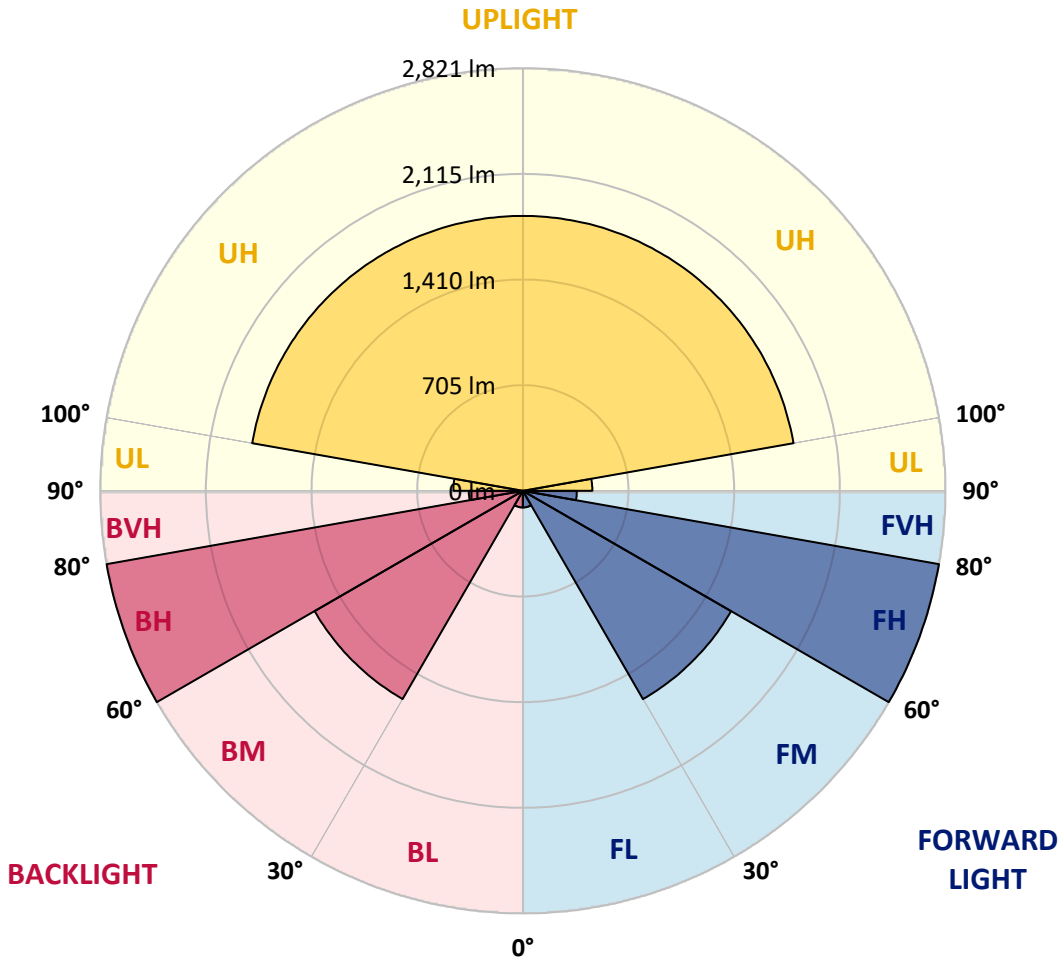
Scaled Data Report

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CATALOG NUMBER: FFX-CLB-90-722-U-FR-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	111.3	0.9			
FM	(30°-60°)	1605.1	13.3			
FH	(60°-80°)	2820.5	23.3			G2/5000
FVH	(80°-90°)	360.5	3.0			G3/500
BL	(0°-30°)	111.3	0.9	B1/500		
BM	(30°-60°)	1605.1	13.3	B2/2500		
BH	(60°-80°)	2820.5	23.3	B4/5000		G2/5000
BVH	(80°-90°)	360.5	3.0			G3/500
UL	(90°-100°)	464.0	3.8		U3/500	
UH	(100°-180°)	1834.4	15.2		U5	

BUG Rating: B4-U5-G3
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
2.5°	68.9	69.7	72.0	73.5	74.3	72.8	73.5	75.1	75.1	75.9	75.9
5°	102.2	103.0	102.2	101.4	100.6	102.2	103.0	102.2	99.9	100.6	99.9
7.5°	150.9	150.9	144.8	143.2	141.7	148.6	152.5	150.9	143.2	136.2	134.7
10°	185.8	185.0	179.6	172.6	171.8	176.5	186.6	188.9	176.5	168.0	166.4
12.5°	220.6	215.2	212.1	205.1	205.9	209.0	216.0	216.7	208.2	201.3	196.6
15°	241.5	242.3	242.3	238.4	236.9	240.0	243.1	245.4	239.2	233.8	230.7
17.5°	250.8	251.6	253.9	256.2	256.2	254.7	254.7	255.4	255.4	255.4	254.7
20°	270.2	270.9	270.2	271.7	274.0	272.5	270.2	270.9	270.2	270.9	270.2
22.5°	285.6	284.9	284.9	287.2	288.7	288.0	285.6	286.4	284.9	285.6	285.6
25°	301.9	302.7	304.2	305.0	305.8	305.8	305.0	306.5	305.8	304.2	304.2
27.5°	324.3	324.3	324.3	324.3	327.4	327.4	325.9	326.7	324.3	322.8	322.0
30°	346.0	346.8	345.2	346.8	349.9	348.3	347.6	349.1	346.0	345.2	345.2
32.5°	366.1	366.1	365.4	370.0	370.8	369.2	371.6	373.1	374.7	373.9	377.8
35°	400.2	401.8	414.9	426.5	430.4	429.6	432.7	434.3	431.2	431.2	428.8
37.5°	565.1	564.3	545.7	527.9	536.4	547.3	536.4	533.3	527.2	524.1	522.5
40°	630.9	630.9	613.9	615.4	609.2	610.0	613.9	626.2	619.3	606.9	607.7
42.5°	651.0	657.2	677.3	713.7	700.5	679.6	654.9	663.4	681.2	692.0	694.4
45°	765.6	774.1	775.6	774.1	767.9	776.4	770.2	774.9	777.2	791.1	797.3
47.5°	900.3	897.2	897.9	917.3	910.3	915.7	927.4	925.8	935.9	934.3	939.7
50°	1206.8	1215.3	1202.9	1227.7	1233.9	1224.6	1269.5	1269.5	1274.1	1254.0	1256.3
52.5°	1734.7	1714.6	1714.6	1720.8	1722.3	1751.0	1782.7	1782.0	1793.6	1782.7	1806.7
55°	2414.4	2409.7	2419.8	2491.8	2499.5	2474.8	2481.7	2450.0	2552.2	2525.9	2545.2
57.5°	3279.0	3290.6	3277.5	3278.3	3272.1	3265.1	3303.8	3238.0	3287.6	3231.8	3233.4
60°	3940.9	3925.4	3882.1	3796.9	3789.9	3815.5	3858.8	3861.2	3811.6	3780.6	3754.3
62.5°	4087.2	4081.8	4080.2	4073.3	4033.8	4022.9	4014.4	4049.3	4019.8	4042.3	4029.1
65°	3993.5	3970.3	3991.2	4024.5	3998.9	3948.6	3905.3	3965.7	3946.3	4029.9	3986.6
67.5°	3669.2	3647.5	3639.0	3704.8	3673.0	3593.3	3563.9	3577.8	3555.4	3647.5	3630.5
70°	2912.1	2912.9	2929.9	3015.1	2983.3	2924.5	2888.9	2898.2	2920.6	2998.0	2976.4
72.5°	2209.2	2204.6	2224.7	2246.4	2248.0	2243.3	2234.0	2241.0	2254.1	2296.7	2307.6
75°	1743.2	1741.7	1709.2	1720.8	1716.2	1737.1	1768.0	1763.4	1770.3	1737.8	1728.5
77.5°	1319.0	1320.6	1308.2	1302.8	1298.1	1332.2	1381.7	1384.1	1350.8	1326.8	1316.7
80°	912.7	918.8	956.0	956.8	963.7	963.7	1003.2	998.6	987.0	986.2	986.2
82.5°	605.3	616.2	654.1	697.5	704.4	695.9	717.6	723.8	738.5	749.3	752.4
85°	582.1	601.5	589.1	607.7	608.4	613.9	622.4	625.5	623.9	626.2	621.6
87.5°	545.0	569.0	565.9	578.2	581.3	589.9	599.1	603.0	595.3	589.1	587.5
90°	483.8	506.3	517.1	527.2	530.3	527.9	534.1	535.7	534.9	527.9	526.4
92.5°	458.3	466.8	473.0	480.7	490.0	484.6	488.4	484.6	490.8	489.2	490.8
95°	425.7	428.8	425.0	429.6	431.2	425.7	425.0	425.0	421.9	418.0	419.6
97.5°	360.0	365.4	363.8	363.8	364.6	362.3	363.0	362.3	363.8	361.5	360.7
100°	336.0	336.0	334.4	333.6	332.9	330.5	329.8	327.4	327.4	325.1	323.6
102.5°	311.2	313.5	311.2	310.4	310.4	306.5	307.3	307.3	305.8	305.0	301.1
105°	293.4	292.6	291.1	288.0	284.9	284.9	286.4	285.6	283.3	282.5	279.4
107.5°	277.1	275.6	273.3	268.6	267.1	267.8	270.2	270.9	270.2	267.1	264.7
110°	280.2	277.9	274.0	272.5	274.8	276.3	277.1	278.7	283.3	284.9	281.8

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CATALOG NUMBER: FFX-CLB-90-722-U-FR-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*337.5*	333.6	331.3	321.2	329.0	330.5	329.0	329.8	332.1	329.0	330.5
115°	*385.5*	389.4	390.1	359.2	360.0	355.3	350.7	349.1	342.1	347.6	365.4
117.5°	*356.1*	368.5	341.4	327.4	318.9	315.8	323.6	325.1	318.2	326.7	352.2
120°	*408.7*	414.1	358.4	331.3	330.5	343.7	364.6	370.8	363.0	379.3	408.7
122.5°	*555.0*	551.2	545.7	550.4	538.0	537.2	554.2	551.9	531.0	533.3	540.3
125°	*756.3*	754.7	744.7	734.6	726.1	730.7	723.8	715.3	699.8	697.5	697.5
127.5°	*723.8*	723.8	716.8	711.4	702.9	703.6	702.9	687.4	681.2	682.0	682.0
130°	*532.6*	533.3	555.0	574.4	569.0	571.3	557.3	552.7	572.8	591.4	591.4
132.5°	*451.3*	452.8	476.8	491.5	483.8	468.3	453.6	455.2	467.5	486.1	485.4
135°	*403.3*	406.4	407.9	406.4	401.8	397.9	397.1	401.0	404.1	417.2	420.3
137.5°	*365.4*	363.0	355.3	348.3	342.9	353.0	359.2	357.6	354.5	352.2	353.8
140°	*321.2*	318.2	307.3	305.8	308.9	313.5	315.1	316.6	317.4	315.8	315.1
142.5°	*250.8*	253.1	263.2	275.6	276.3	268.6	269.4	269.4	272.5	276.3	274.8
145°	*251.6*	253.1	257.0	266.3	266.3	260.1	257.8	260.1	267.1	274.8	274.8
147.5°	*280.2*	277.9	272.5	270.2	267.8	267.1	267.1	261.6	262.4	262.4	262.4
150°	*238.4*	237.6	234.5	233.0	232.2	231.5	235.3	234.5	236.1	234.5	233.8
152.5°	*196.6*	195.8	192.7	190.4	191.2	195.8	202.0	204.4	202.8	199.7	198.2
155°	*186.6*	187.3	182.7	181.1	181.9	184.2	185.8	185.8	182.7	178.8	178.8
157.5°	*176.5*	177.3	174.9	173.4	174.2	175.7	178.0	178.8	176.5	173.4	172.6
160°	*168.8*	168.0	167.2	167.2	167.2	167.2	168.0	168.8	168.0	167.2	166.4
162.5°	*164.9*	164.9	164.9	164.9	165.7	164.9	164.9	164.9	164.9	164.9	164.9
165°	*164.1*	164.1	164.9	166.4	167.2	166.4	166.4	166.4	167.2	168.8	168.8
167.5°	*171.1*	170.3	172.6	173.4	174.2	173.4	172.6	171.8	172.6	174.2	174.2
170°	*178.8*	179.6	179.6	180.4	180.4	179.6	178.8	179.6	178.8	179.6	179.6
172.5°	*186.6*	186.6	186.6	185.8	185.8	185.8	185.8	185.8	185.8	185.0	185.0
175°	*192.7*	192.7	192.7	192.7	192.0	192.7	193.5	193.5	192.7	192.7	191.2
177.5°	*198.2*	198.2	198.2	198.2	198.2	198.2	198.2	197.4	197.4	197.4	196.6
180°	*198.9*	198.9	198.9	198.9	198.9	198.9	198.9	198.9	198.9	198.9	198.9

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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

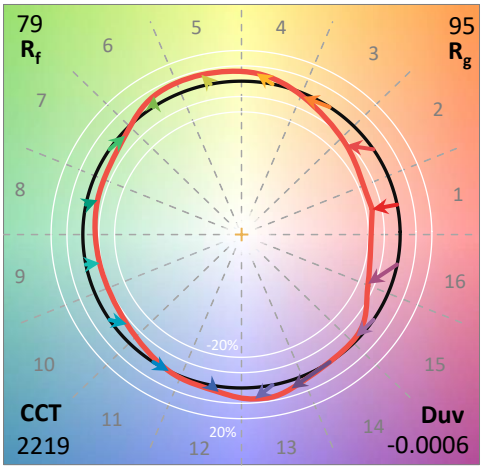
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Version: v7.04

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

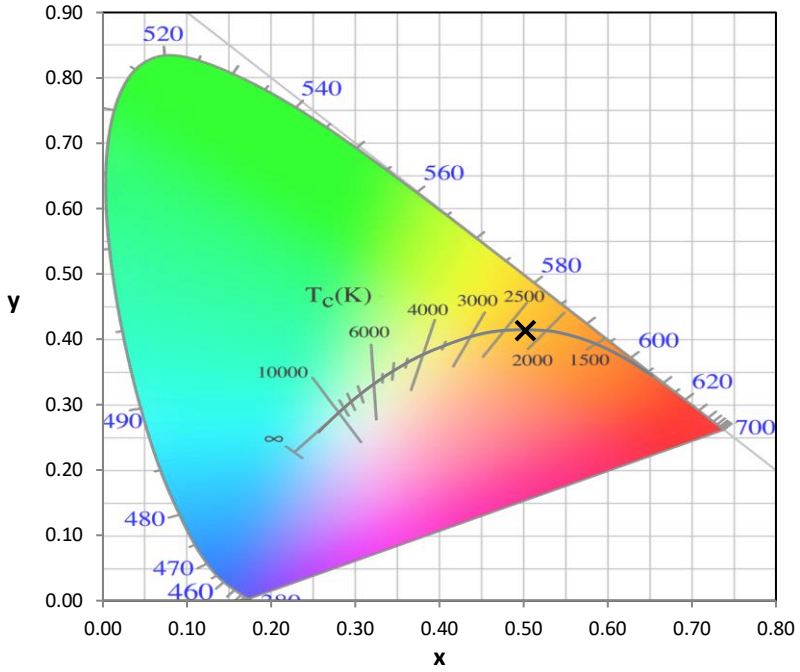
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

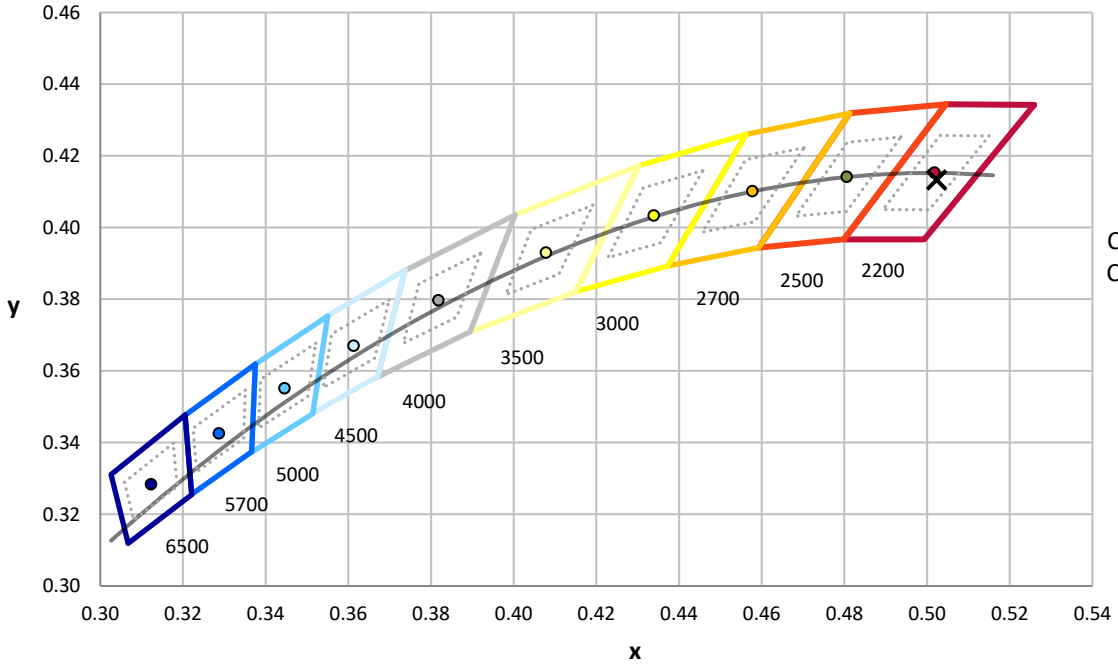
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

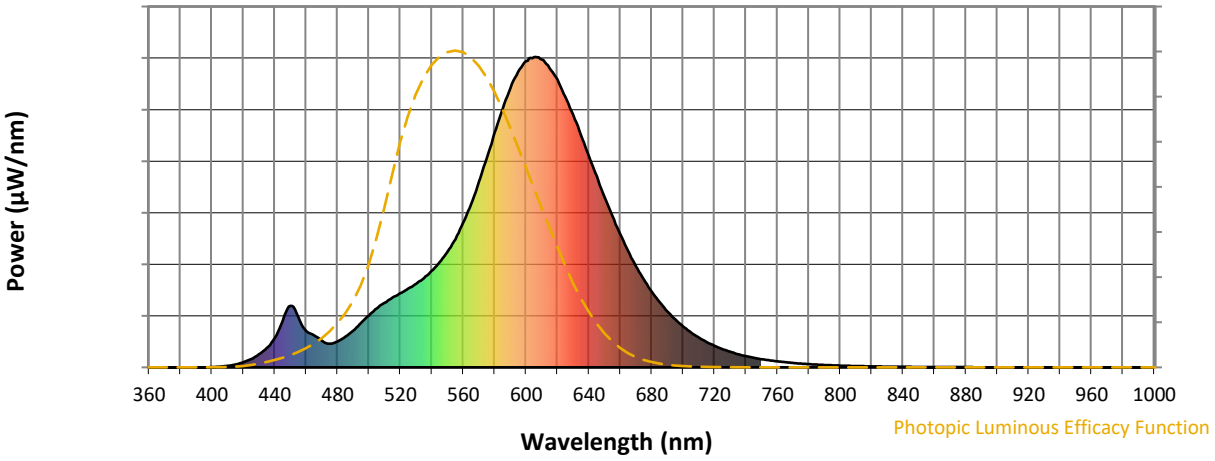


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

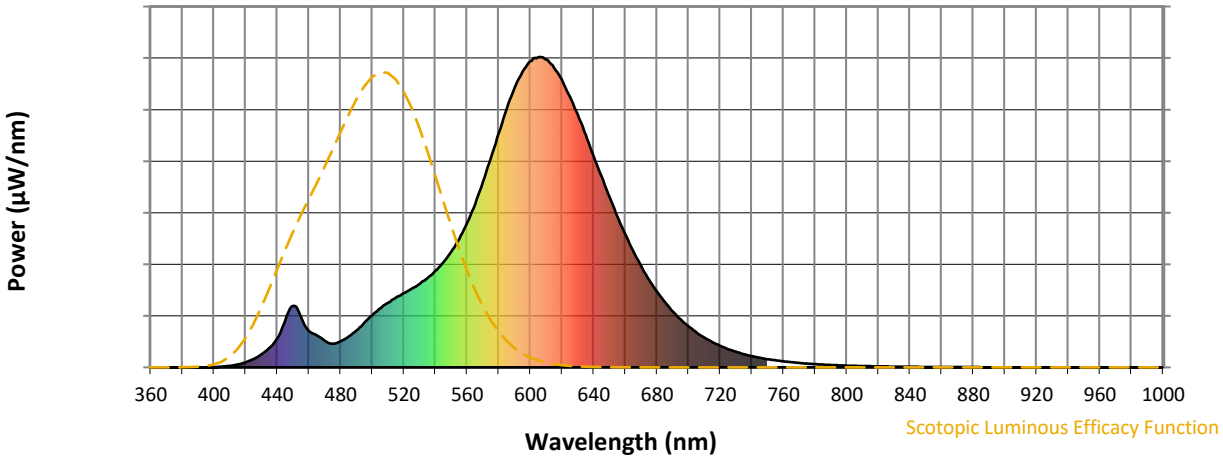


Photopic Lumens: NR

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

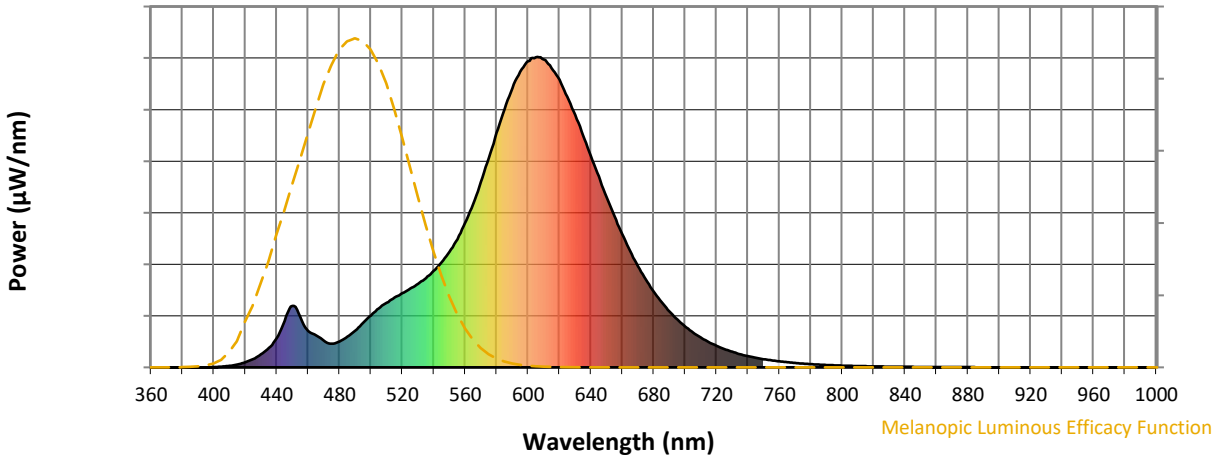


Scotopic Lumens: NR **S/P: 0.94**

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			

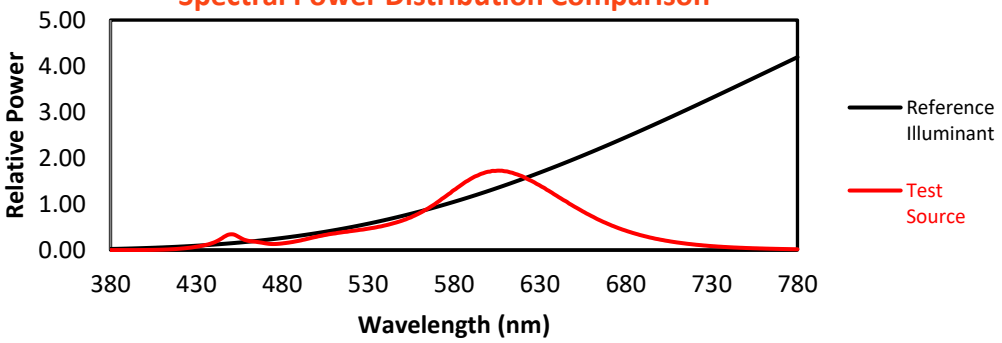
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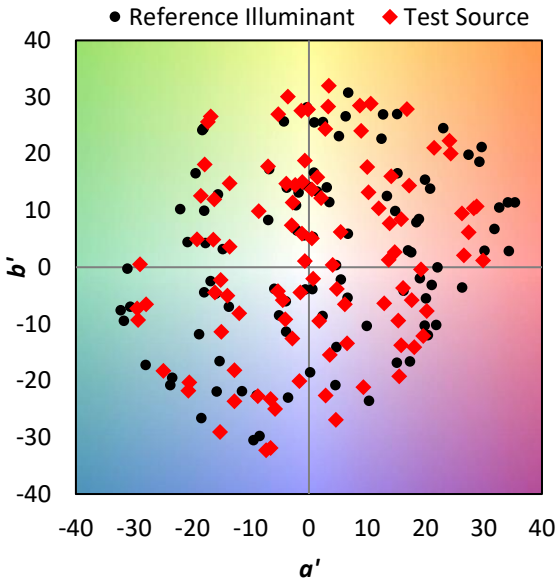
Summary

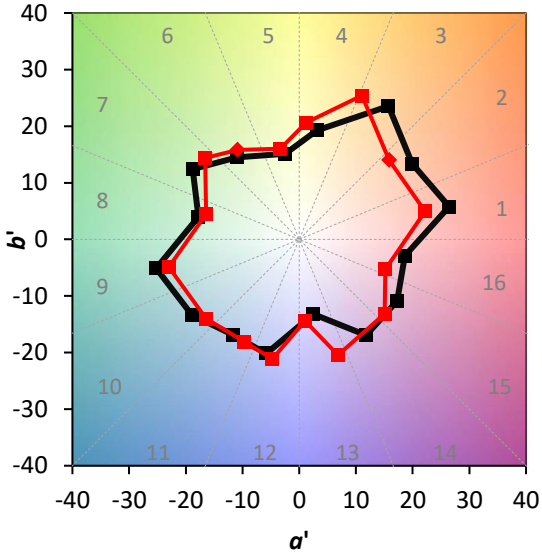
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

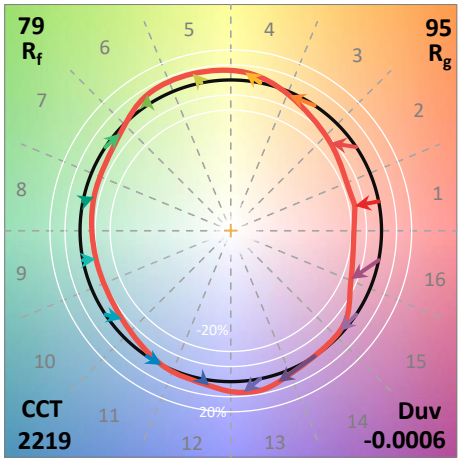
Spectral Power Distribution Comparison

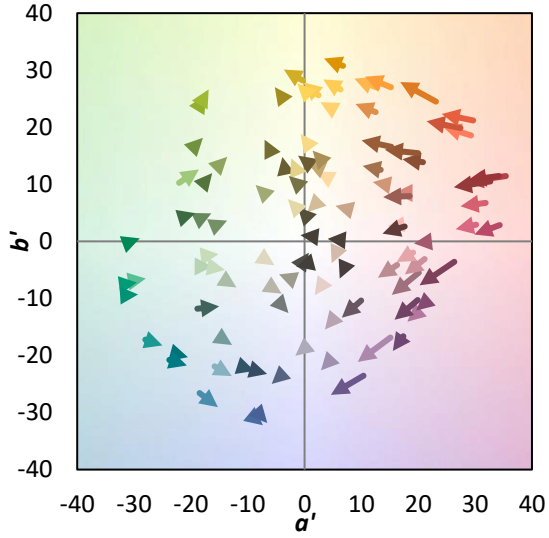


Color Vector Graphics







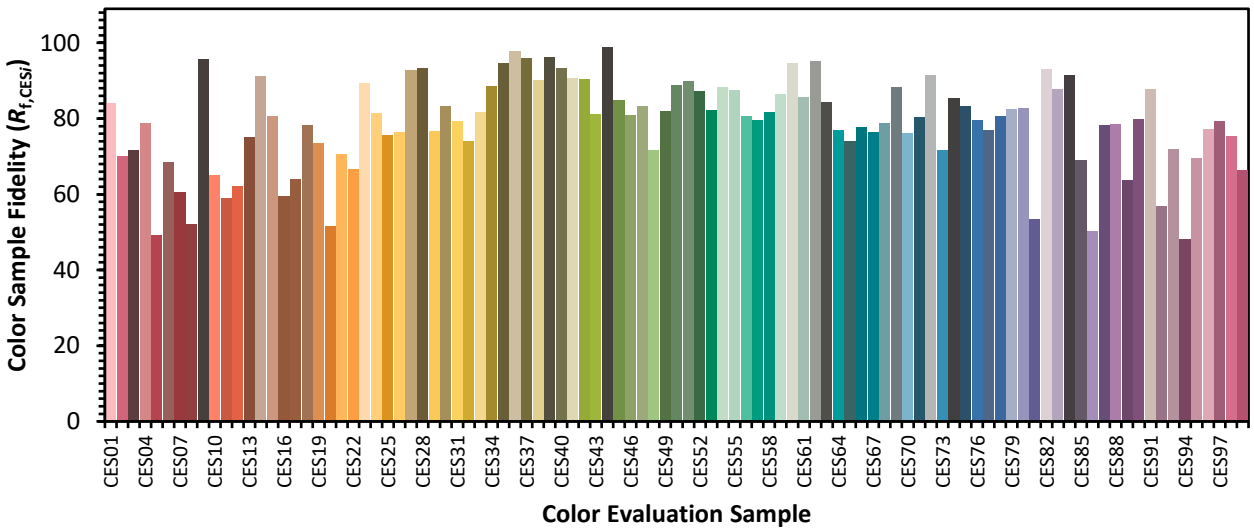


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Individual Sample Fidelity Index ($R_{f,i}$)

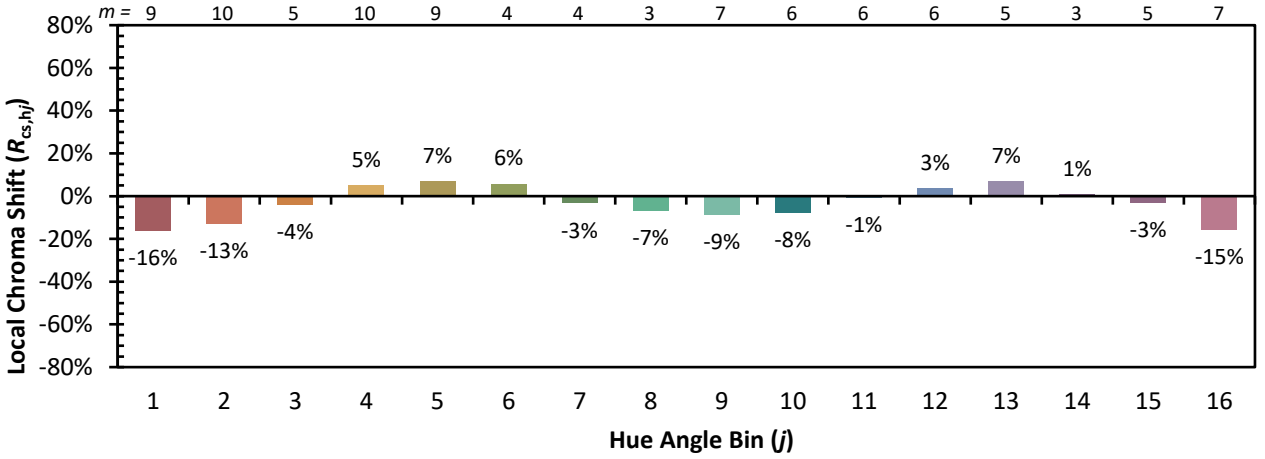
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82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

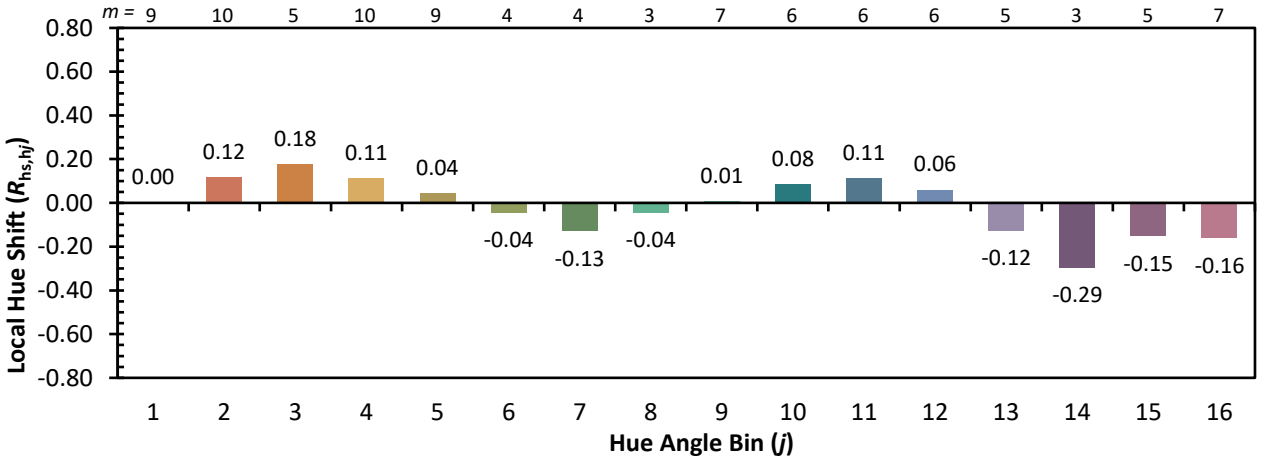


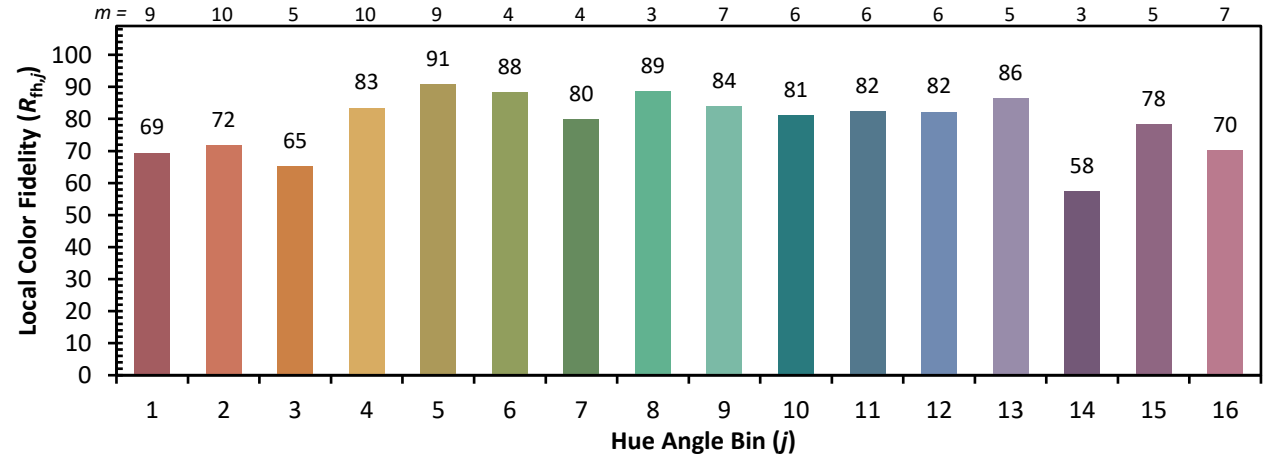
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Color Rendition by Hue-Angle Bin



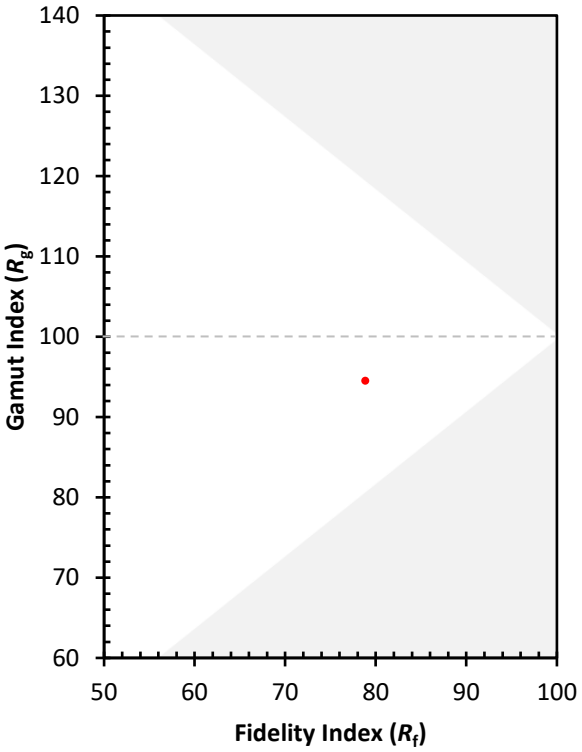


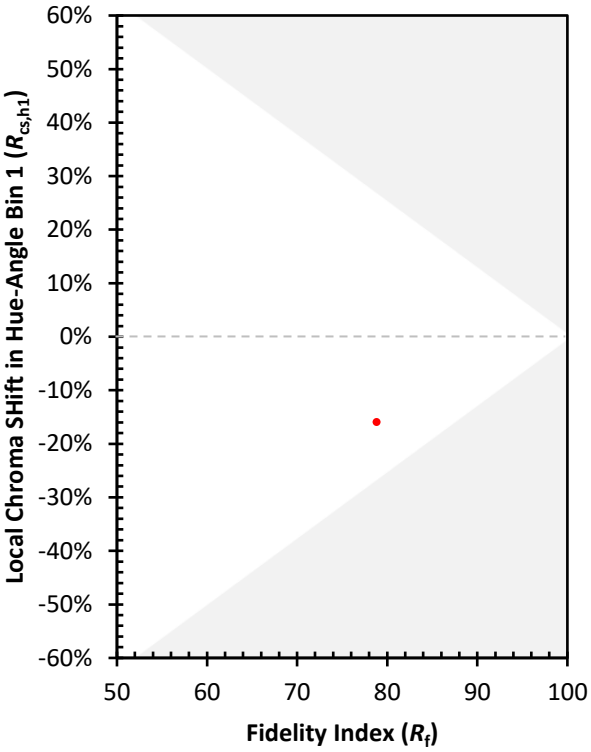


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Measure Comparisons





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