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: P981093

Luminaire Tested: **FFX-CLB-80-722-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:	P981093
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-80-722-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:	10171.6 lumens
Efficiency:	N/A
Efficacy:	124.3 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B4 - U4 - G3

Input Watts (W):	81.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.01%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

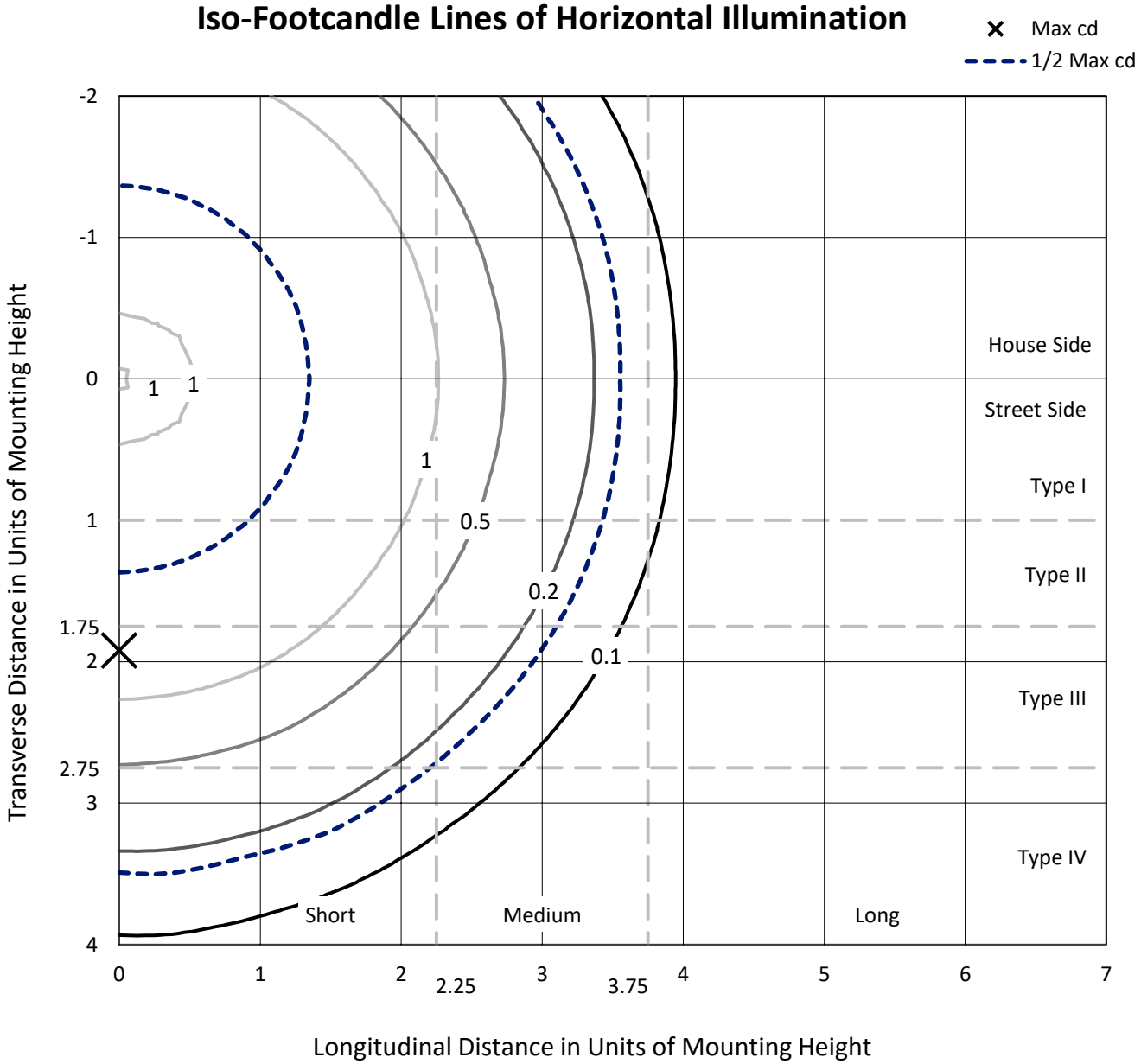


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REPORT NUMBER: P981093
CATALOG NUMBER: FFX-CLB-80-722-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



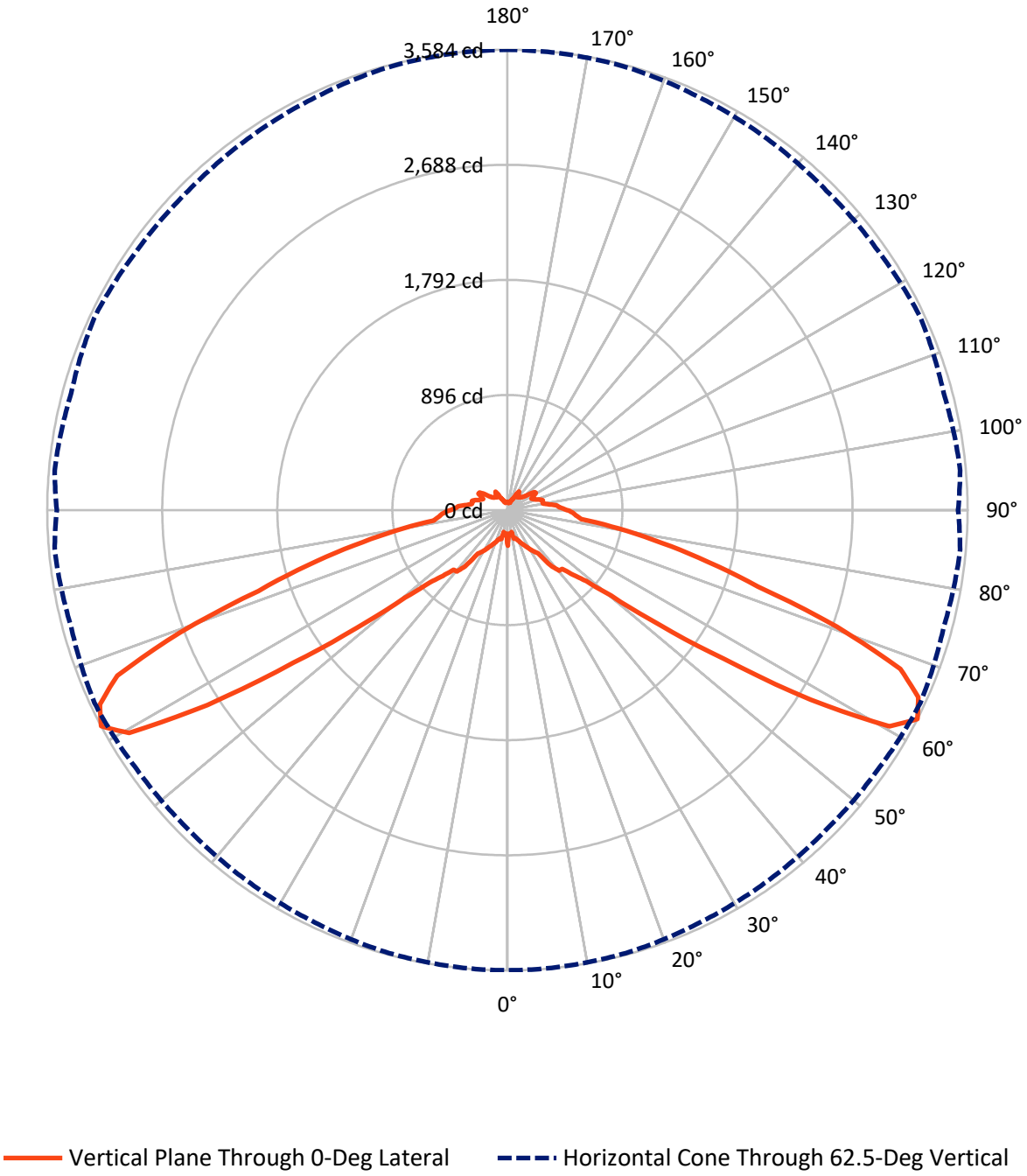
Based on 15 foot mounting height. Maximum calculated value = 1.9 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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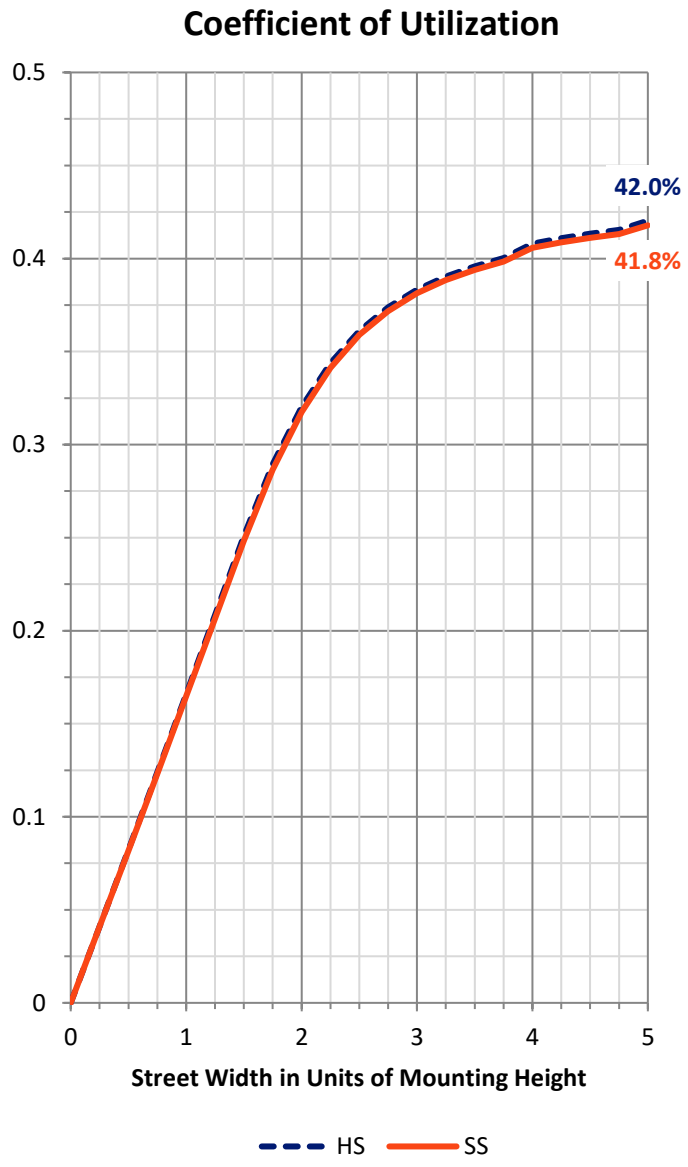
REPORT NUMBER: P981093
CATALOG NUMBER: FFX-CLB-80-722-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4427.1	658.7	5085.8
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	4427.1	658.7	5085.8
	% Fixture	43.5	6.5	50.0
Total	Lumens	8854.2	1317.3	10171.6
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	0.2
10°-20°	64.5	0.6
20°-30°	141.4	1.4
30°-40°	290.5	2.9
40°-50°	599.9	5.9
50°-60°	1959.2	19.3
60°-70°	3303.3	32.5
70°-80°	1798.1	17.7
80°-90°	680.0	6.7
90°-100°	413.3	4.1
100°-110°	260.7	2.6
110°-120°	198.3	1.9
120°-130°	169.5	1.7
130°-140°	114.0	1.1
140°-150°	93.8	0.9
150°-160°	44.3	0.4
160°-170°	17.6	0.2
170°-180°	5.8	0.1
0°-90°	8854.2	87.0
0°-180°	10171.6	100.0



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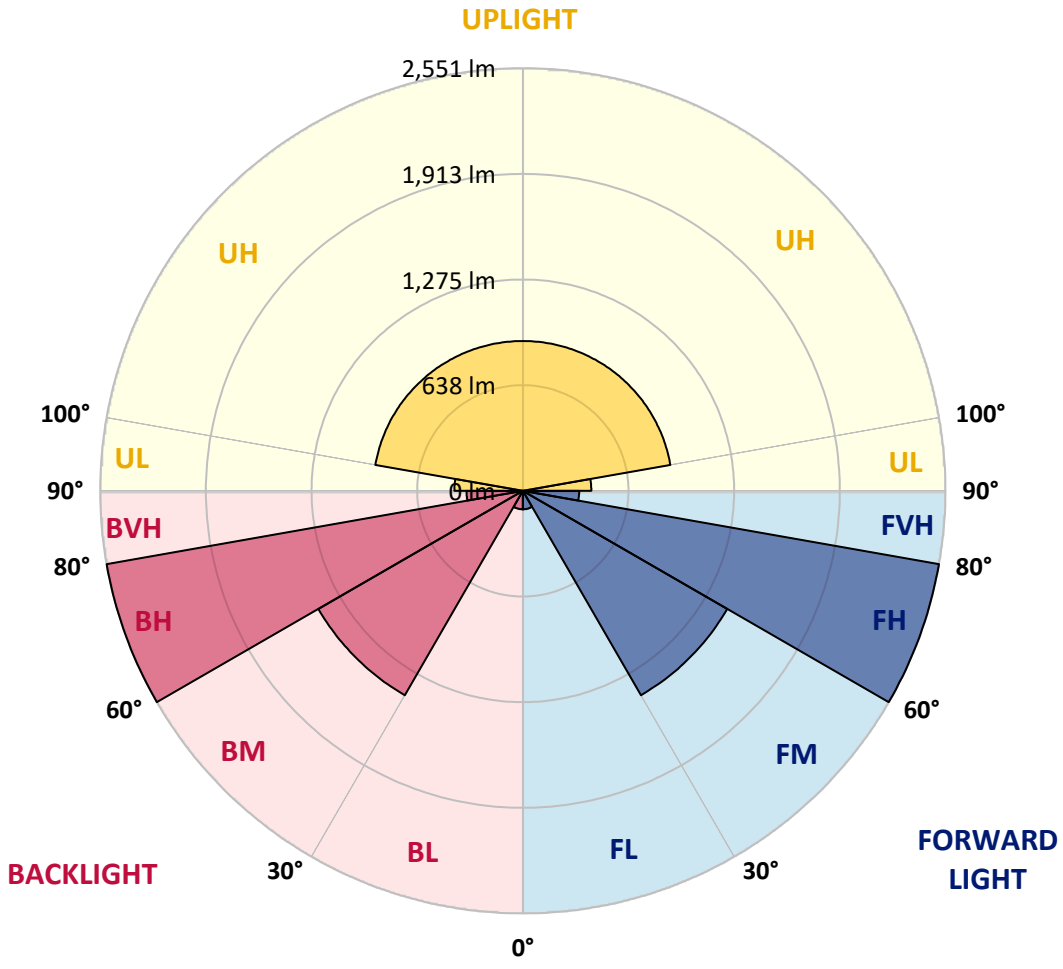
Scaled Data Report

REPORT NUMBER: P981093
CATALOG NUMBER: FFX-CLB-80-722-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°)	111.6	1.1			
FM	(30°-60°)	1424.8	14.0			
FH	(60°-80°)	2550.7	25.1			G2/5000
FVH	(80°-90°)	340.0	3.3			G3/500
BL	(0°-30°)	111.6	1.1	B1/500		
BM	(30°-60°)	1424.8	14.0	B2/2500		
BH	(60°-80°)	2550.7	25.1	B4/5000		G2/5000
BVH	(80°-90°)	340.0	3.3			G3/500
UL	(90°-100°)	413.3	4.1		U3/500	
UH	(100°-180°)	904.0	8.9		U4/1000	

BUG Rating: B4-U4-G3
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	277.0	277.0	277.0	277.0	277.0	277.0	277.0	277.0	277.0	277.0	277.0
2.5°	184.4	191.8	232.7	266.2	265.6	242.1	211.9	214.6	232.7	248.8	252.8
5°	185.8	183.1	181.1	173.0	170.3	174.4	171.7	163.6	160.3	161.0	173.7
7.5°	193.1	189.8	170.3	155.6	153.6	162.3	181.1	181.1	161.0	145.5	144.9
10°	173.7	173.0	179.7	186.4	188.4	180.4	172.4	168.3	167.0	165.6	164.3
12.5°	229.4	226.7	212.6	203.9	202.5	206.6	212.6	210.6	200.5	195.2	195.2
15°	228.0	229.4	231.4	228.0	227.3	228.0	231.4	229.4	226.0	222.0	222.0
17.5°	240.8	241.4	242.1	243.4	242.1	240.1	240.1	239.4	240.1	241.4	241.4
20°	260.2	260.9	260.9	260.9	260.2	256.2	256.2	256.9	256.2	257.5	256.9
22.5°	281.7	281.0	281.0	281.0	279.0	275.6	275.0	275.6	273.6	273.6	273.6
25°	302.5	303.8	305.8	305.1	301.8	299.1	297.1	297.8	296.4	296.4	296.4
27.5°	328.6	327.3	331.3	330.0	326.6	326.6	324.6	324.6	322.6	321.9	321.2
30°	358.1	357.4	357.4	358.1	356.8	355.4	355.4	354.1	350.7	351.4	352.8
32.5°	387.0	386.3	384.9	385.6	384.9	382.9	386.3	386.3	384.9	385.6	389.6
35°	415.1	419.1	428.5	435.2	437.3	436.6	439.3	444.0	440.6	438.6	440.6
37.5°	549.2	546.6	536.5	530.5	531.8	535.2	527.8	522.4	519.1	518.4	521.8
40°	619.7	617.0	602.2	603.6	593.5	596.9	600.2	604.9	601.6	594.2	594.2
42.5°	625.7	626.4	647.2	678.7	669.3	649.2	630.4	639.8	653.9	662.6	665.9
45°	718.2	727.0	727.0	729.0	729.6	730.3	716.9	722.9	734.3	748.4	747.8
47.5°	824.9	830.2	833.6	837.6	835.6	837.6	855.1	850.4	863.1	861.8	860.4
50°	1048.2	1071.0	1075.0	1090.4	1081.1	1083.1	1115.3	1117.9	1117.9	1115.9	1118.6
52.5°	1487.5	1507.6	1504.2	1470.0	1486.8	1517.0	1551.8	1527.0	1562.6	1545.1	1537.1
55°	2045.4	2046.1	2068.2	2115.8	2138.0	2114.5	2133.3	2087.0	2164.8	2174.2	2150.7
57.5°	2785.8	2799.9	2804.6	2816.7	2799.2	2796.5	2809.9	2781.1	2817.3	2781.8	2795.9
60°	3418.9	3400.8	3349.1	3276.0	3284.1	3312.9	3365.2	3347.1	3321.6	3272.0	3260.6
62.5°	3583.9	3581.2	3570.4	3543.6	3527.5	3514.8	3521.5	3549.0	3516.8	3538.9	3509.4
65°	3516.1	3514.1	3524.2	3547.6	3530.2	3487.3	3449.7	3494.7	3474.5	3548.3	3526.9
67.5°	3299.5	3290.8	3280.7	3324.3	3296.8	3235.1	3207.6	3211.7	3199.6	3273.4	3251.9
70°	2721.4	2707.3	2726.1	2795.2	2755.6	2700.6	2669.1	2682.5	2685.9	2732.8	2740.2
72.5°	2039.4	2056.8	2075.6	2121.9	2112.5	2082.3	2099.8	2119.9	2139.3	2156.8	2149.4
75°	1614.2	1635.0	1597.4	1620.2	1612.2	1635.7	1651.8	1661.2	1659.1	1641.0	1633.0
77.5°	1227.3	1244.0	1235.3	1228.6	1234.6	1258.1	1309.1	1303.0	1274.2	1243.4	1249.4
80°	882.6	912.1	915.4	912.7	925.5	928.8	971.7	960.3	936.9	936.2	942.9
82.5°	578.1	591.5	633.7	671.3	681.4	664.6	692.8	703.5	709.5	710.2	708.2
85°	535.2	549.9	539.9	560.0	564.7	569.4	574.1	578.1	584.8	590.8	593.5
87.5°	505.7	529.8	528.5	541.9	540.5	549.9	558.6	561.3	553.3	544.6	541.9
90°	452.0	471.5	478.8	486.9	490.9	489.6	496.9	496.9	491.6	487.5	486.2
92.5°	405.7	416.5	423.2	433.2	435.9	434.6	441.9	438.6	439.3	440.6	441.9
95°	383.6	388.3	386.3	390.3	384.9	380.2	382.9	378.9	376.9	373.5	373.5
97.5°	320.6	319.9	319.9	321.2	318.6	314.5	316.5	315.9	316.5	316.5	313.9
100°	281.0	280.3	276.3	275.6	275.0	273.6	271.6	272.3	272.3	271.6	272.3
102.5°	280.3	274.3	265.6	256.2	256.2	254.2	254.8	254.2	253.5	249.5	247.5
105°	285.7	276.3	261.5	242.8	240.1	240.8	242.8	242.1	239.4	235.4	232.7
107.5°	264.2	253.5	244.8	232.7	229.4	228.7	230.0	230.7	228.0	222.6	218.6
110°	234.1	230.0	226.0	221.3	218.0	217.3	217.3	217.3	214.6	212.6	207.9

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CATALOG NUMBER: FFX-CLB-80-722-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*220.6*	215.9	211.2	207.2	205.2	204.5	203.2	201.9	199.8	197.8	195.2
115°	*207.9*	207.9	204.5	189.8	186.4	185.8	185.1	185.1	185.1	185.1	184.4
117.5°	*225.3*	223.3	210.6	191.8	185.8	182.4	179.7	181.1	180.4	185.1	183.8
120°	*258.2*	243.4	215.9	202.5	197.2	194.5	195.2	195.8	195.2	193.8	191.1
122.5°	*255.5*	239.4	222.6	212.6	206.6	205.9	208.6	207.9	201.9	192.5	185.1
125°	*224.7*	215.9	205.9	196.5	193.1	191.8	193.1	191.1	187.1	182.4	175.0
127.5°	*174.4*	173.0	167.7	163.6	164.3	166.3	169.7	169.7	167.7	165.0	161.0
130°	*156.3*	154.9	155.6	156.9	156.3	156.3	152.9	150.2	154.9	158.9	156.9
132.5°	*144.2*	144.9	151.6	161.6	159.6	154.2	146.2	144.9	152.2	160.3	159.6
135°	*138.8*	139.5	144.9	154.9	152.2	145.5	142.2	142.8	146.9	150.9	150.2
137.5°	*138.8*	138.8	137.5	140.8	140.8	140.8	140.2	142.2	144.9	144.9	142.8
140°	*136.8*	138.2	134.1	134.8	136.8	138.8	139.5	142.2	142.8	142.2	139.5
142.5°	*125.4*	126.7	130.8	136.1	137.5	138.8	142.8	142.2	142.2	142.2	140.8
145°	*154.2*	154.2	157.6	162.3	160.3	157.6	158.9	159.6	161.0	162.3	161.0
147.5°	*170.3*	170.3	166.3	165.0	161.6	161.6	165.6	165.0	164.3	163.0	163.6
150°	*140.8*	140.2	136.8	135.5	135.5	134.1	136.1	136.1	134.1	132.8	133.5
152.5°	*100.6*	101.3	99.9	101.3	103.3	105.3	107.3	108.6	108.6	108.6	107.3
155°	*91.2*	89.9	89.2	90.5	91.2	90.5	89.2	89.2	89.2	87.9	87.2
157.5°	*79.1*	78.5	77.8	78.5	78.5	79.1	79.8	80.5	80.5	79.1	78.5
160°	*68.4*	68.4	68.4	69.1	69.1	68.4	67.7	68.4	69.7	69.7	69.7
162.5°	*61.7*	62.4	63.0	64.4	64.4	63.0	61.7	61.7	63.0	64.4	64.4
165°	*57.0*	57.0	58.3	61.0	61.7	59.7	57.7	57.7	59.7	62.4	63.0
167.5°	*57.0*	57.7	59.7	61.7	61.0	59.0	57.0	57.0	59.0	61.0	61.0
170°	*61.0*	61.0	60.4	59.7	59.0	59.0	59.0	59.7	60.4	59.7	59.7
172.5°	*64.4*	63.7	61.7	59.7	59.0	61.0	62.4	61.7	61.0	59.7	59.7
175°	*65.7*	65.1	63.7	62.4	62.4	63.7	64.4	63.0	61.7	61.0	60.4
177.5°	*59.0*	59.0	58.3	58.3	59.0	58.3	58.3	58.3	57.7	57.0	56.3
180°	*51.0*	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0

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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: SP1-2501-332-2

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

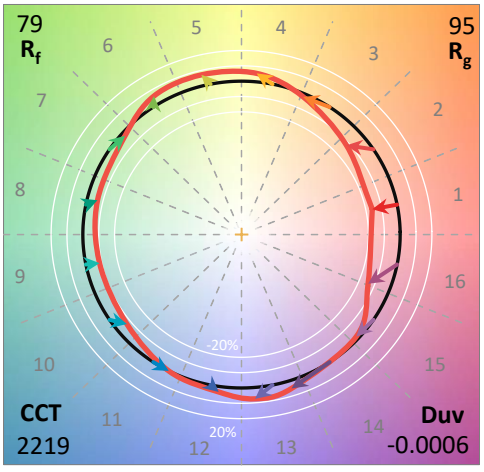
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Version: v7.04

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

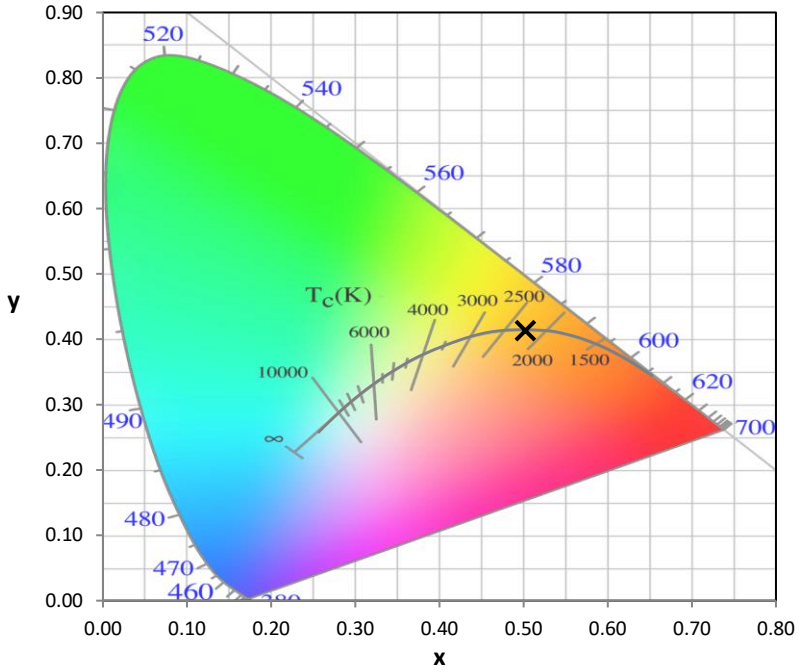
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

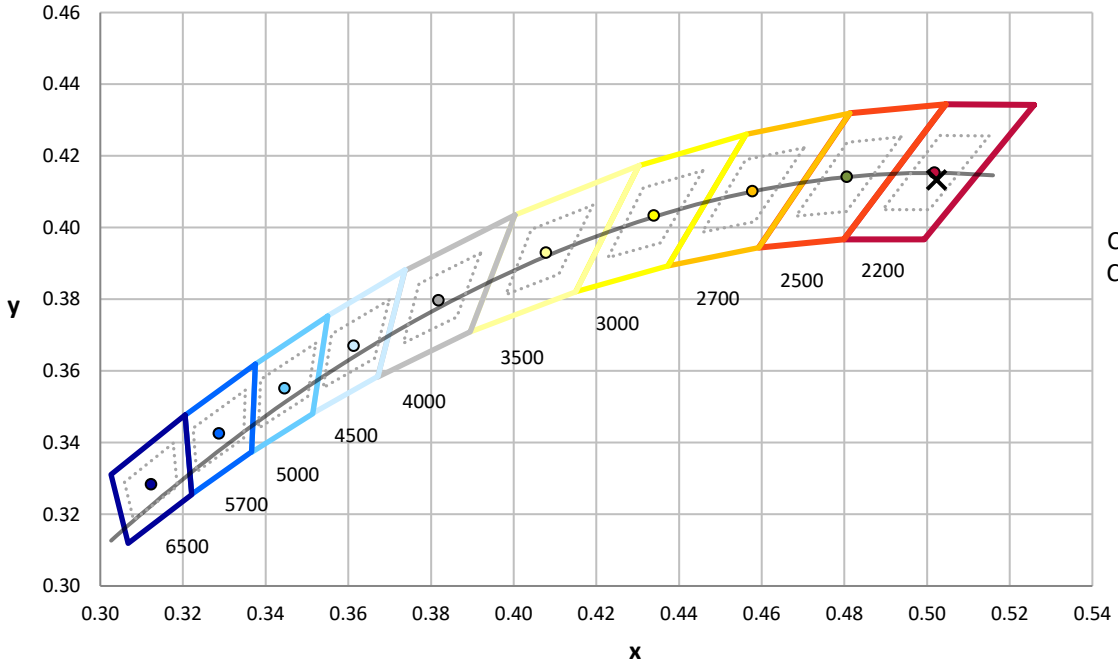
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

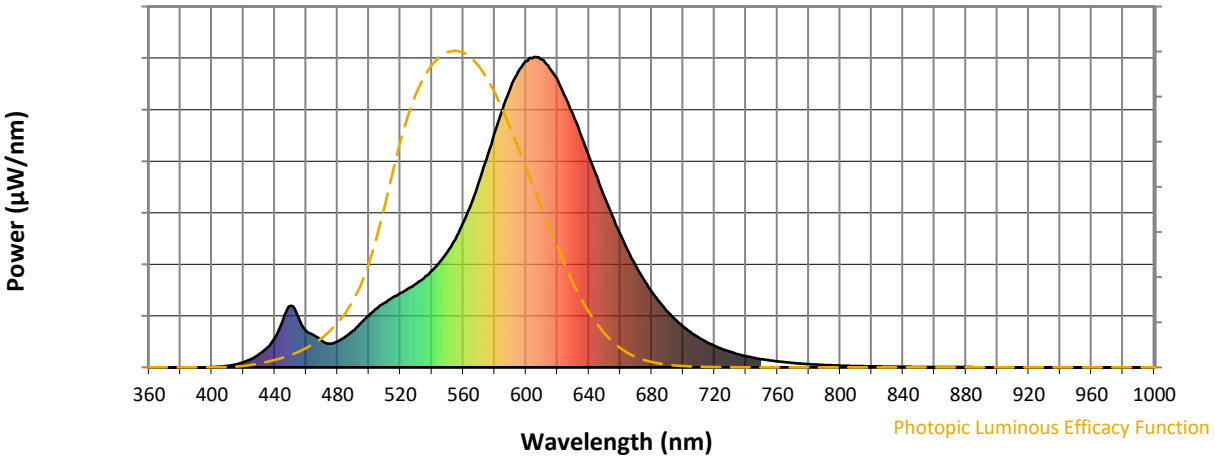


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

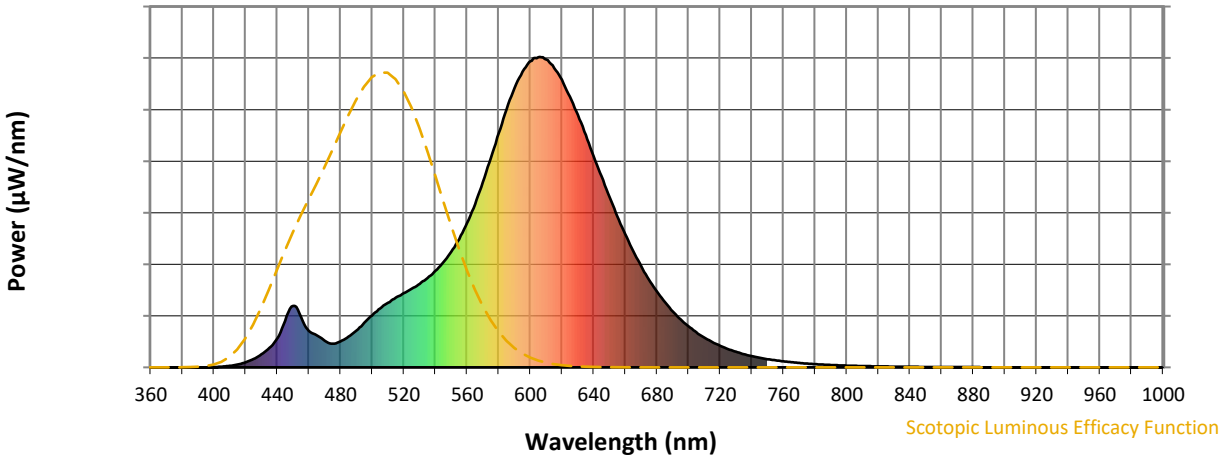


Photopic Lumens: NR

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

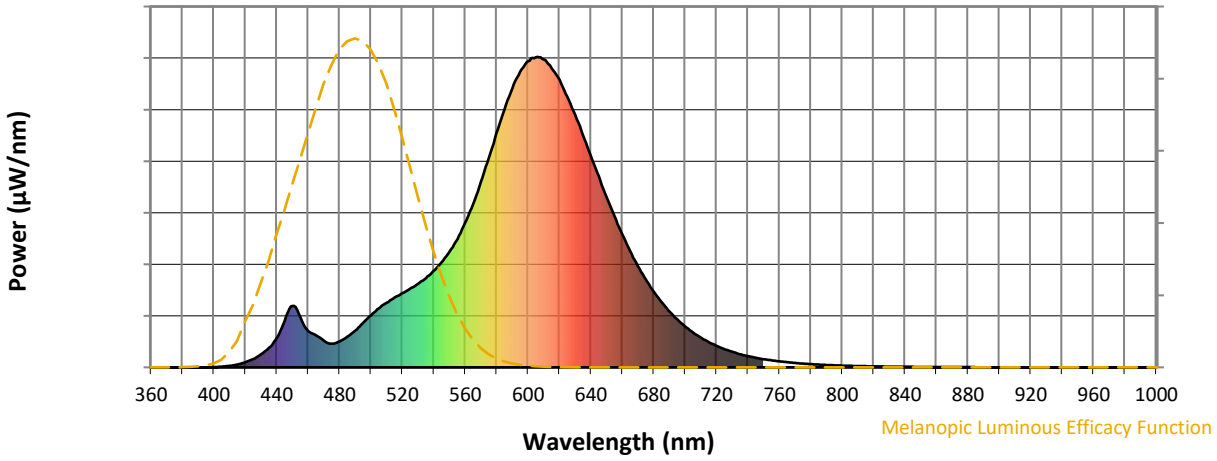


Scotopic Lumens: NR **S/P: 0.94**

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			

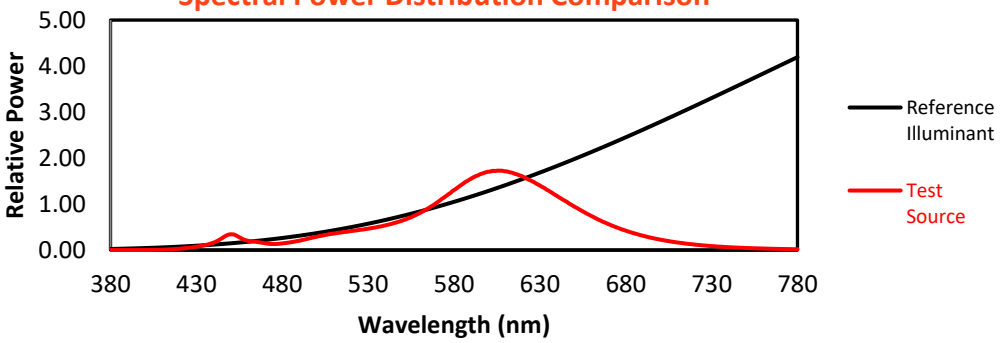
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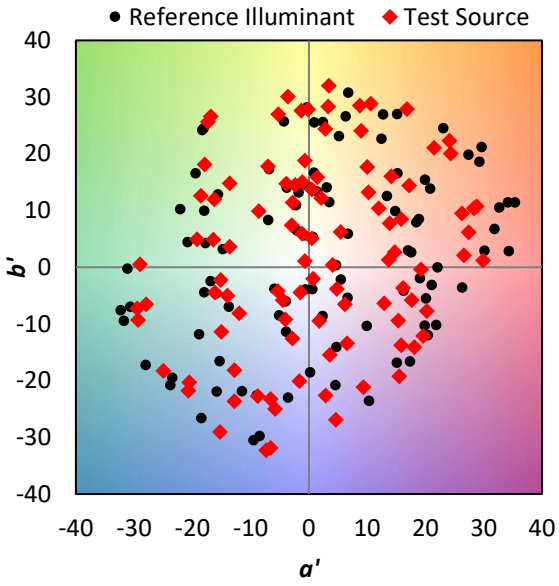
Summary

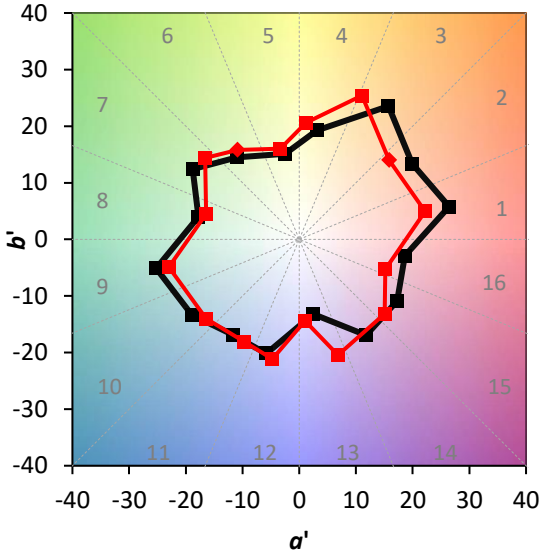
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

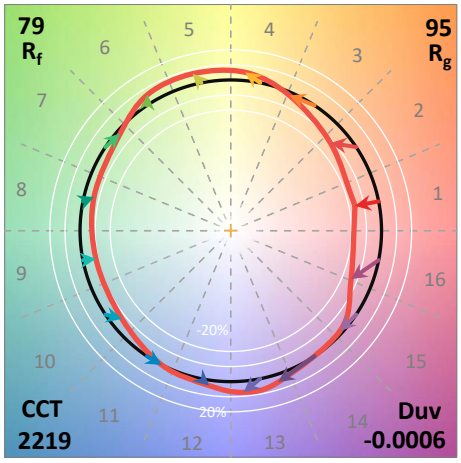
Spectral Power Distribution Comparison

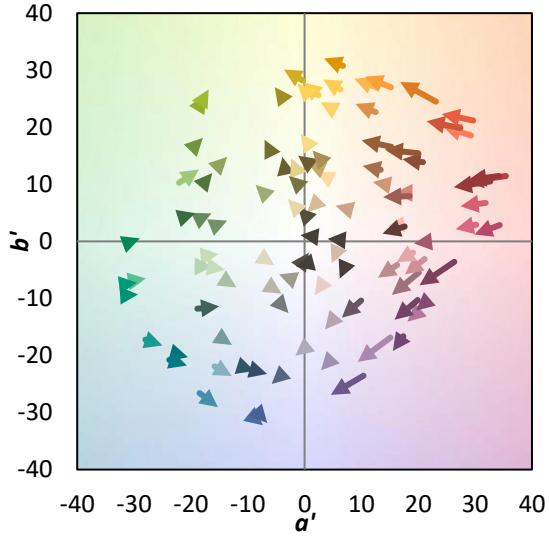


Color Vector Graphics







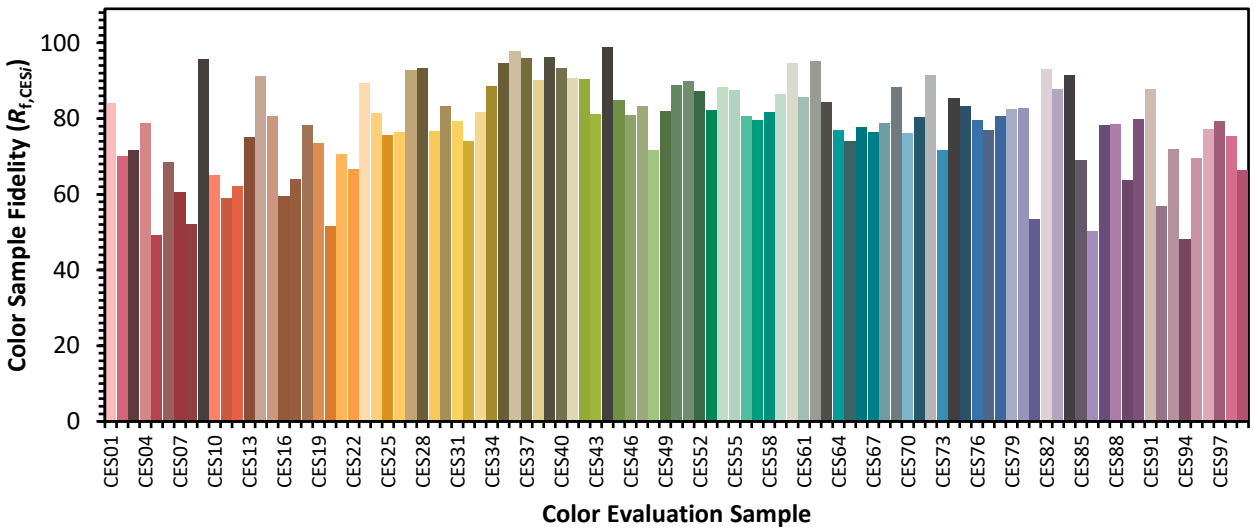


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Individual Sample Fidelity Index ($R_{f,i}$)

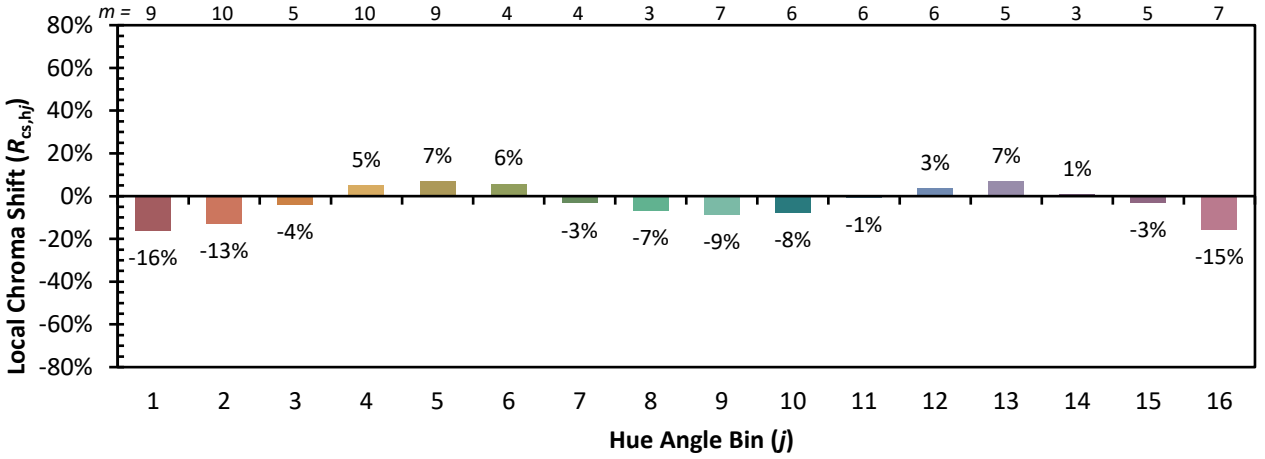
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82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

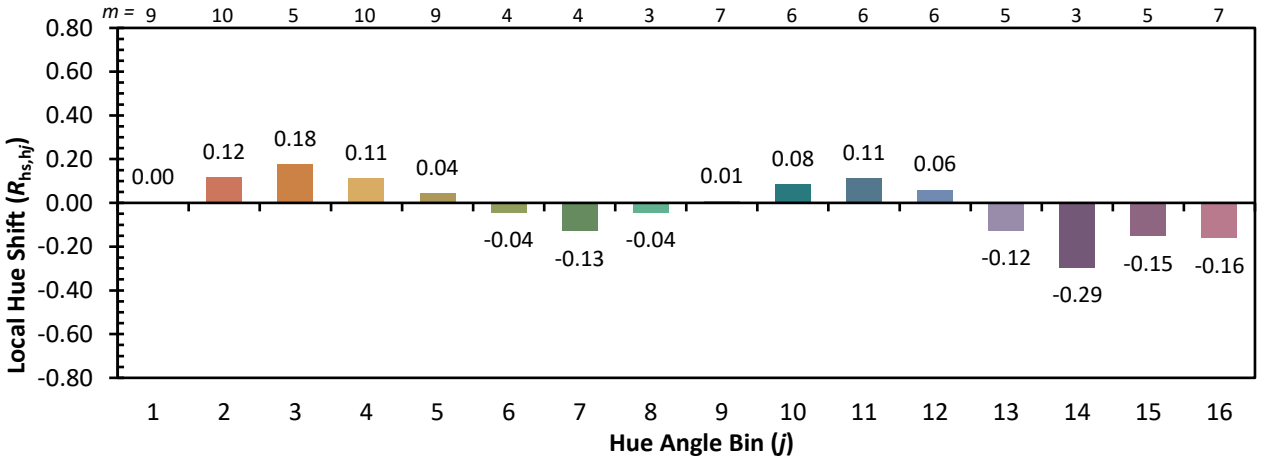


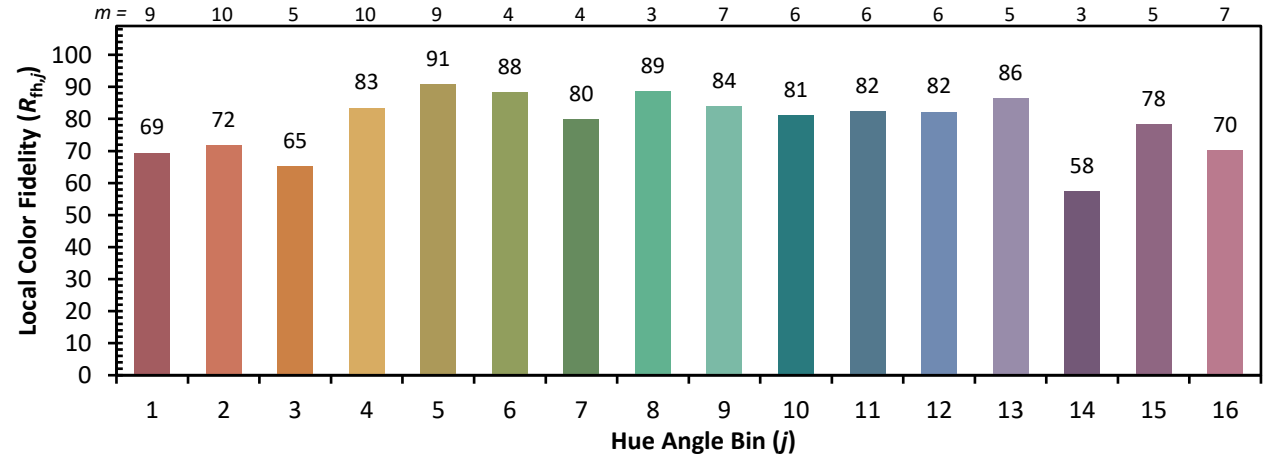
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Color Rendition by Hue-Angle Bin



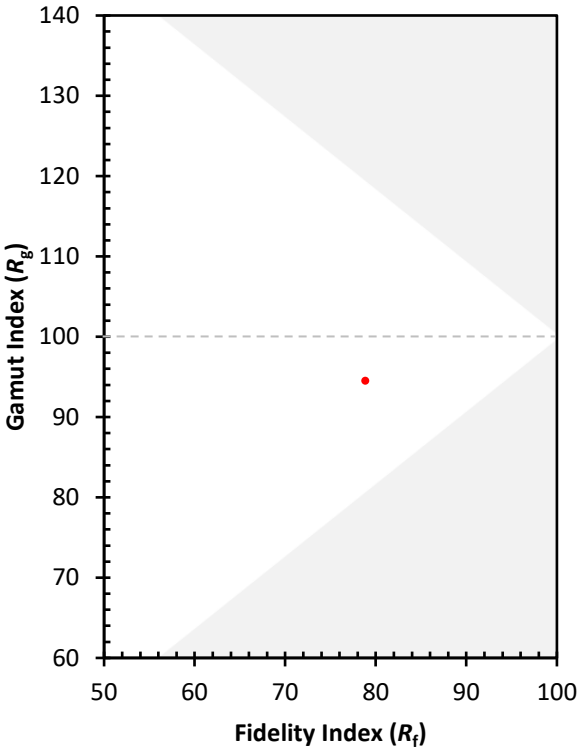


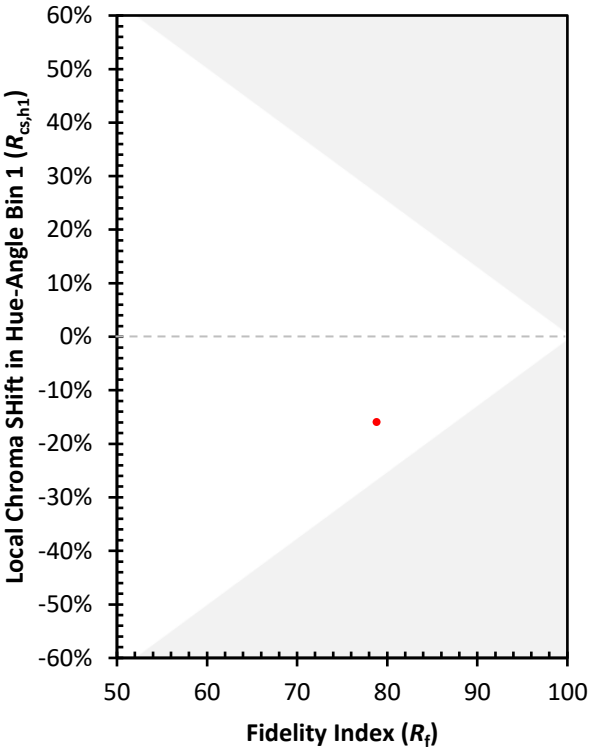


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Measure Comparisons





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