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: P981051

Luminaire Tested: **FFX-CLB-50-722-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:	P981051
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
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:	6790.8 lumens
Efficiency:	N/A
Efficacy:	134.2 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G2

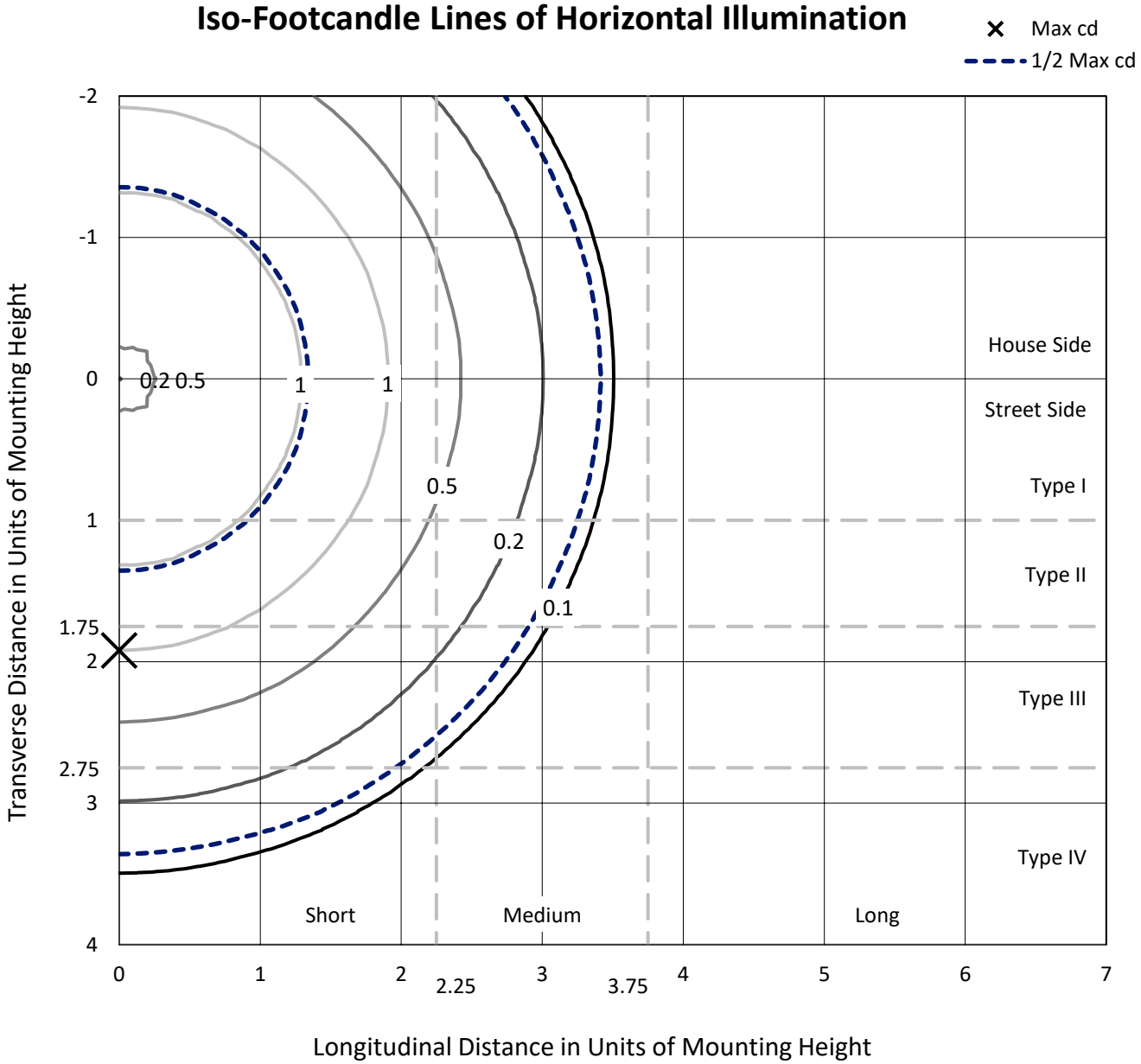
Input Watts (W):	50.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.12%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981051
CATALOG NUMBER: FFX-CLB-50-722-U-FR-T5

Iso-Footcandle Lines of Horizontal Illumination



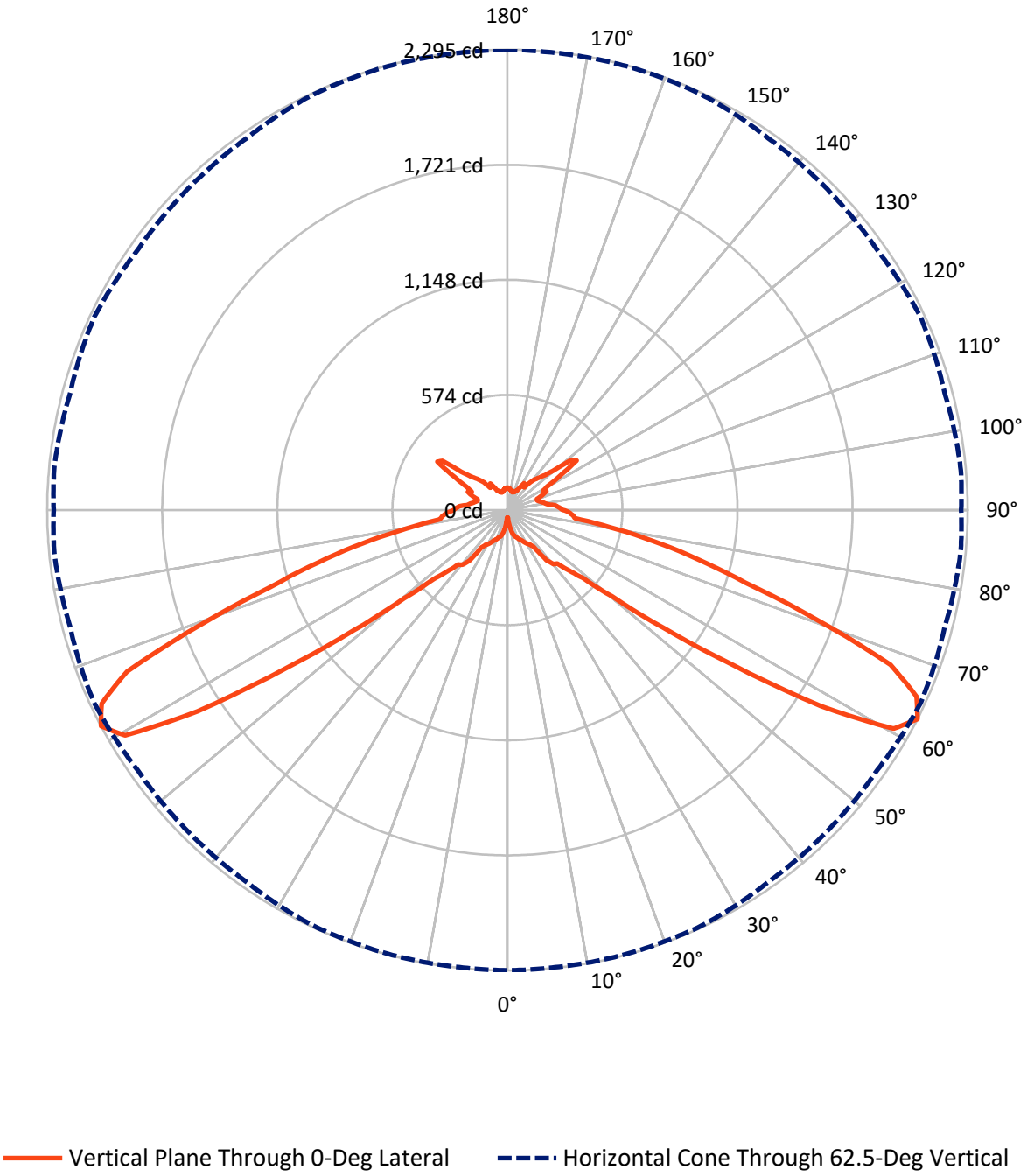
Based on 15 foot mounting height. Maximum calculated value = 1.3 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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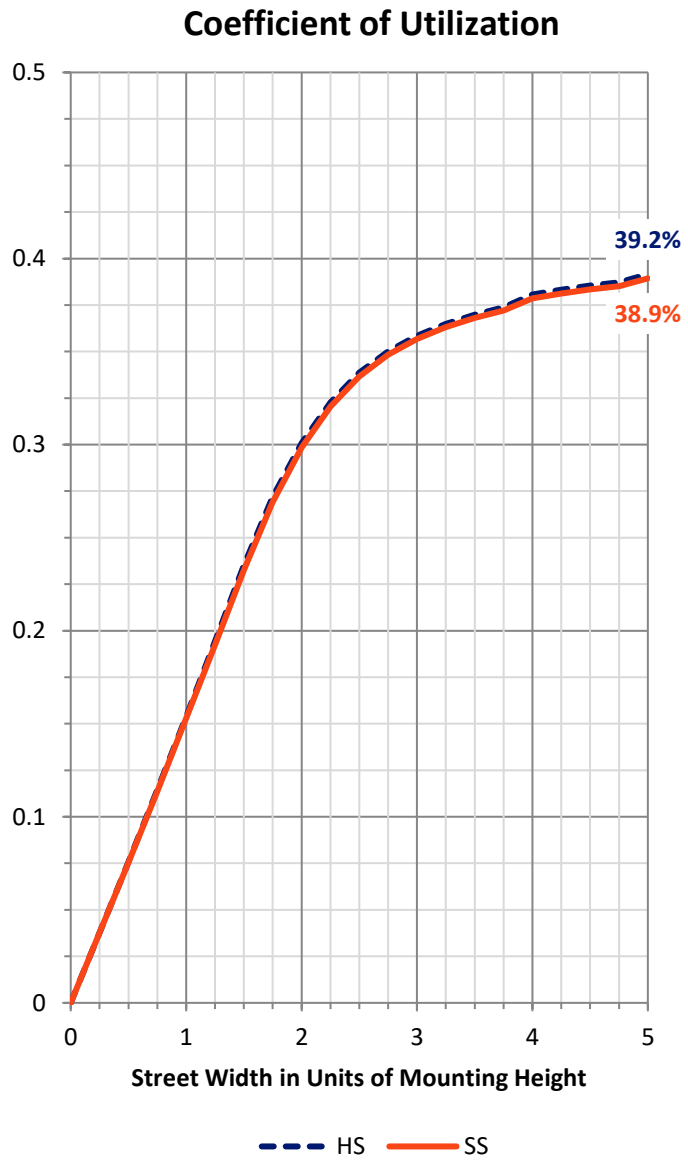
REPORT NUMBER: P981051
CATALOG NUMBER: FFX-CLB-50-722-U-FR-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2750.1	645.3	3395.4
	% Fixture	40.5	9.5	50.0
Street Side	Lumens	2750.1	645.3	3395.4
	% Fixture	40.5	9.5	50.0
Total	Lumens	5500.1	1290.7	6790.8
	% Fixture	81.0	19.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.0	0.1
10°-20°	37.7	0.6
20°-30°	80.2	1.2
30°-40°	162.2	2.4
40°-50°	362.4	5.3
50°-60°	1278.0	18.8
60°-70°	2091.7	30.8
70°-80°	1076.0	15.8
80°-90°	404.9	6.0
90°-100°	260.6	3.8
100°-110°	173.8	2.6
110°-120°	186.6	2.7
120°-130°	305.4	4.5
130°-140°	182.8	2.7
140°-150°	95.0	1.4
150°-160°	49.6	0.7
160°-170°	26.9	0.4
170°-180°	10.1	0.1
0°-90°	5500.1	81.0
0°-180°	6790.8	100.0



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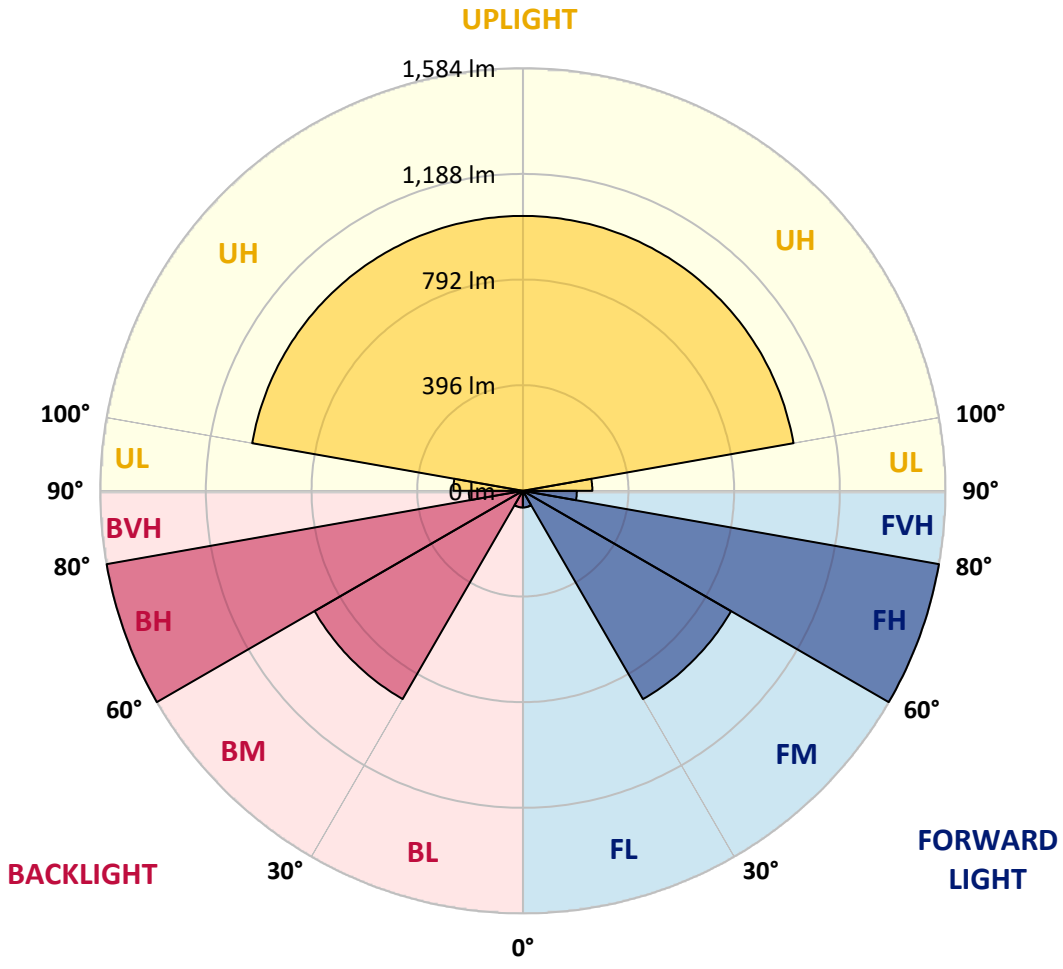
Scaled Data Report

REPORT NUMBER: P981051
CATALOG NUMBER: FFX-CLB-50-722-U-FR-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	62.5	0.9			
FM	(30°-60°)	901.3	13.3			
FH	(60°-80°)	1583.8	23.3			G1/1800
FVH	(80°-90°)	202.4	3.0			G2/225
BL	(0°-30°)	62.5	0.9	B0/110		
BM	(30°-60°)	901.3	13.3	B1/1000		
BH	(60°-80°)	1583.8	23.3	B3/2500		G1/1800
BVH	(80°-90°)	202.4	3.0			G2/225
UL	(90°-100°)	260.6	3.8		U3/500	
UH	(100°-180°)	1030.1	15.2		U5	

BUG Rating: B3-U5-G2
Type V Short



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REPORT NUMBER: P981051
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
2.5°	38.7	39.1	40.4	41.3	41.7	40.9	41.3	42.2	42.2	42.6	42.6
5°	57.4	57.8	57.4	56.9	56.5	57.4	57.8	57.4	56.1	56.5	56.1
7.5°	84.8	84.8	81.3	80.4	79.5	83.5	85.6	84.8	80.4	76.5	75.6
10°	104.3	103.9	100.8	96.9	96.5	99.1	104.8	106.1	99.1	94.3	93.5
12.5°	123.9	120.8	119.1	115.2	115.6	117.4	121.3	121.7	116.9	113.0	110.4
15°	135.6	136.1	136.1	133.9	133.0	134.8	136.5	137.8	134.3	131.3	129.5
17.5°	140.8	141.3	142.6	143.9	143.9	143.0	143.0	143.4	143.4	143.4	143.0
20°	151.7	152.1	151.7	152.6	153.9	153.0	151.7	152.1	151.7	152.1	151.7
22.5°	160.4	160.0	160.0	161.3	162.1	161.7	160.4	160.8	160.0	160.4	160.4
25°	169.5	170.0	170.8	171.3	171.7	171.7	171.3	172.1	171.7	170.8	170.8
27.5°	182.1	182.1	182.1	182.1	183.9	183.9	183.0	183.4	182.1	181.3	180.8
30°	194.3	194.7	193.9	194.7	196.5	195.6	195.2	196.0	194.3	193.9	193.9
32.5°	205.6	205.6	205.2	207.8	208.2	207.3	208.6	209.5	210.4	210.0	212.1
35°	224.7	225.6	233.0	239.5	241.7	241.2	243.0	243.9	242.1	242.1	240.8
37.5°	317.3	316.9	306.4	296.5	301.2	307.3	301.2	299.5	296.0	294.3	293.4
40°	354.3	354.3	344.7	345.6	342.1	342.5	344.7	351.7	347.7	340.8	341.2
42.5°	365.6	369.0	380.3	400.8	393.4	381.6	367.7	372.5	382.5	388.6	389.9
45°	429.9	434.7	435.5	434.7	431.2	436.0	432.5	435.1	436.4	444.2	447.7
47.5°	505.5	503.8	504.2	515.1	511.2	514.2	520.7	519.9	525.5	524.7	527.7
50°	677.7	682.4	675.5	689.4	692.9	687.7	712.9	712.9	715.5	704.2	705.5
52.5°	974.1	962.8	962.8	966.3	967.2	983.2	1001.1	1000.6	1007.2	1001.1	1014.5
55°	1355.8	1353.2	1358.8	1399.2	1403.6	1389.7	1393.6	1375.8	1433.1	1418.4	1429.2
57.5°	1841.3	1847.8	1840.4	1840.9	1837.4	1833.5	1855.2	1818.3	1846.1	1814.8	1815.7
60°	2213.0	2204.3	2179.9	2132.1	2128.2	2142.5	2166.9	2168.2	2140.4	2123.0	2108.2
62.5°	2295.1	2292.1	2291.2	2287.3	2265.1	2259.0	2254.3	2273.8	2257.3	2269.9	2262.5
65°	2242.5	2229.5	2241.2	2259.9	2245.6	2217.3	2193.0	2226.9	2216.0	2262.9	2238.6
67.5°	2060.4	2048.2	2043.4	2080.4	2062.6	2017.8	2001.3	2009.1	1996.5	2048.2	2038.7
70°	1635.3	1635.7	1645.3	1693.1	1675.3	1642.2	1622.2	1627.4	1640.0	1683.5	1671.3
72.5°	1240.6	1238.0	1249.3	1261.4	1262.3	1259.7	1254.5	1258.4	1265.8	1289.7	1295.8
75°	978.9	978.0	959.8	966.3	963.7	975.4	992.8	990.2	994.1	975.9	970.6
77.5°	740.7	741.6	734.6	731.6	729.0	748.1	775.9	777.2	758.5	745.0	739.4
80°	512.5	516.0	536.8	537.3	541.2	541.2	563.3	560.7	554.2	553.8	553.8
82.5°	339.9	346.0	367.3	391.6	395.6	390.8	402.9	406.4	414.7	420.8	422.5
85°	326.9	337.7	330.8	341.2	341.7	344.7	349.5	351.2	350.4	351.7	349.0
87.5°	306.0	319.5	317.8	324.7	326.4	331.2	336.4	338.6	334.3	330.8	329.9
90°	271.7	284.3	290.4	296.0	297.8	296.5	299.9	300.8	300.4	296.5	295.6
92.5°	257.3	262.1	265.6	269.9	275.2	272.1	274.3	272.1	275.6	274.7	275.6
95°	239.1	240.8	238.6	241.2	242.1	239.1	238.6	238.6	236.9	234.7	235.6
97.5°	202.1	205.2	204.3	204.3	204.7	203.4	203.9	203.4	204.3	203.0	202.6
100°	188.7	188.7	187.8	187.3	186.9	185.6	185.2	183.9	183.9	182.6	181.7
102.5°	174.7	176.0	174.7	174.3	174.3	172.1	172.6	172.6	171.7	171.3	169.1
105°	164.7	164.3	163.4	161.7	160.0	160.0	160.8	160.4	159.1	158.7	156.9
107.5°	155.6	154.7	153.4	150.8	150.0	150.4	151.7	152.1	151.7	150.0	148.7
110°	157.4	156.1	153.9	153.0	154.3	155.2	155.6	156.5	159.1	160.0	158.2

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

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*189.5*	187.3	186.0	180.4	184.7	185.6	184.7	185.2	186.5	184.7	185.6
115°	*216.5*	218.6	219.1	201.7	202.1	199.5	196.9	196.0	192.1	195.2	205.2
117.5°	*200.0*	206.9	191.7	183.9	179.1	177.3	181.7	182.6	178.7	183.4	197.8
120°	*229.5*	232.6	201.3	186.0	185.6	193.0	204.7	208.2	203.9	213.0	229.5
122.5°	*311.7*	309.5	306.4	309.1	302.1	301.7	311.2	309.9	298.2	299.5	303.4
125°	*424.7*	423.8	418.2	412.5	407.7	410.3	406.4	401.6	393.0	391.6	391.6
127.5°	*406.4*	406.4	402.5	399.5	394.7	395.1	394.7	386.0	382.5	383.0	383.0
130°	*299.1*	299.5	311.7	322.5	319.5	320.8	313.0	310.4	321.7	332.1	332.1
132.5°	*253.4*	254.3	267.8	276.0	271.7	263.0	254.7	255.6	262.5	273.0	272.5
135°	*226.5*	228.2	229.1	228.2	225.6	223.4	223.0	225.2	226.9	234.3	236.0
137.5°	*205.2*	203.9	199.5	195.6	192.6	198.2	201.7	200.8	199.1	197.8	198.6
140°	*180.4*	178.7	172.6	171.7	173.4	176.0	176.9	177.8	178.2	177.3	176.9
142.5°	*140.8*	142.1	147.8	154.7	155.2	150.8	151.3	151.3	153.0	155.2	154.3
145°	*141.3*	142.1	144.3	149.5	149.5	146.1	144.7	146.1	150.0	154.3	154.3
147.5°	*157.4*	156.1	153.0	151.7	150.4	150.0	150.0	146.9	147.4	147.4	147.4
150°	*133.9*	133.4	131.7	130.8	130.4	130.0	132.1	131.7	132.6	131.7	131.3
152.5°	*110.4*	110.0	108.2	106.9	107.4	110.0	113.5	114.8	113.9	112.1	111.3
155°	*104.8*	105.2	102.6	101.7	102.1	103.5	104.3	104.3	102.6	100.4	100.4
157.5°	*99.1*	99.5	98.2	97.4	97.8	98.7	100.0	100.4	99.1	97.4	96.9
160°	*94.8*	94.3	93.9	93.9	93.9	93.9	94.3	94.8	94.3	93.9	93.5
162.5°	*92.6*	92.6	92.6	92.6	93.0	92.6	92.6	92.6	92.6	92.6	92.6
165°	*92.2*	92.2	92.6	93.5	93.9	93.5	93.5	93.5	93.9	94.8	94.8
167.5°	*96.1*	95.6	96.9	97.4	97.8	97.4	96.9	96.5	96.9	97.8	97.8
170°	*100.4*	100.8	100.8	101.3	101.3	100.8	100.4	100.8	100.4	100.8	100.8
172.5°	*104.8*	104.8	104.8	104.3	104.3	104.3	104.3	104.3	104.3	103.9	103.9
175°	*108.2*	108.2	108.2	108.2	107.8	108.2	108.7	108.7	108.2	108.2	107.4
177.5°	*111.3*	111.3	111.3	111.3	111.3	111.3	111.3	110.8	110.8	110.8	110.4
180°	*111.7*	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7

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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

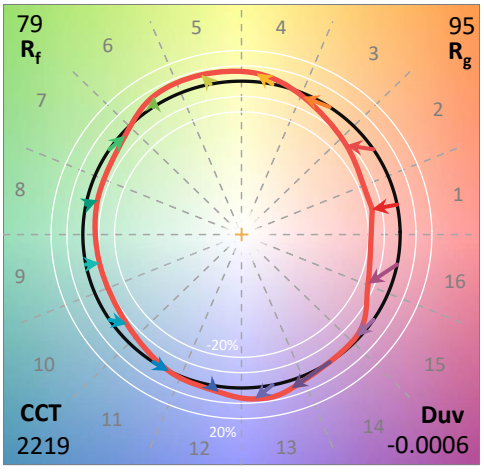
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

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

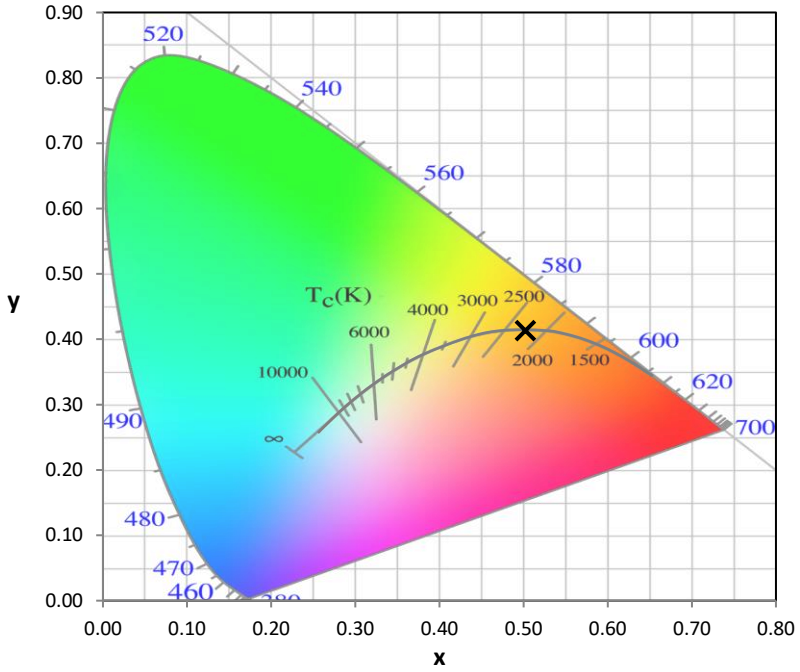
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

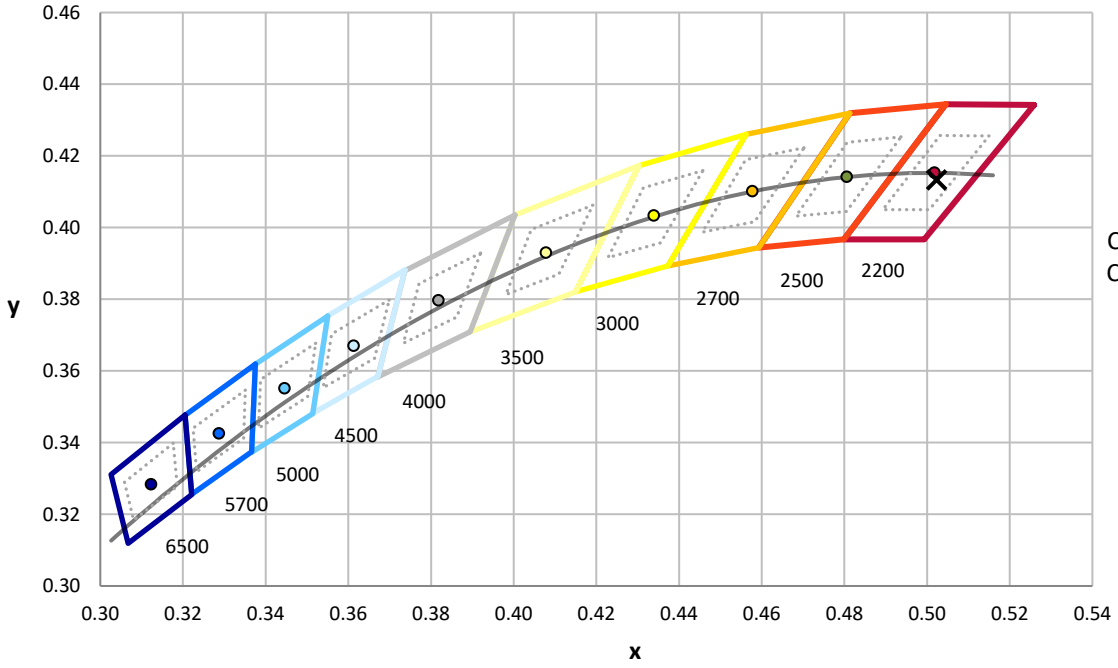
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

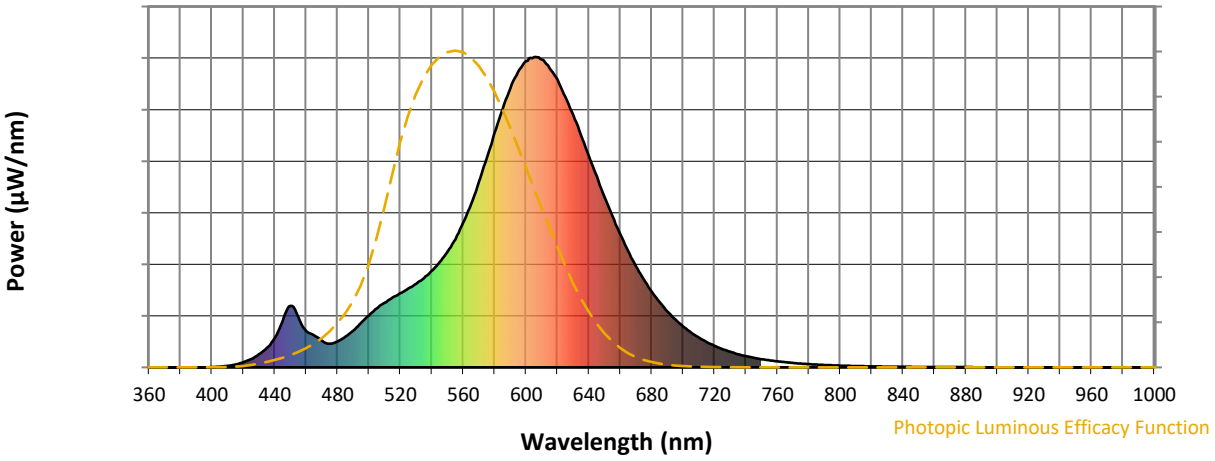


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

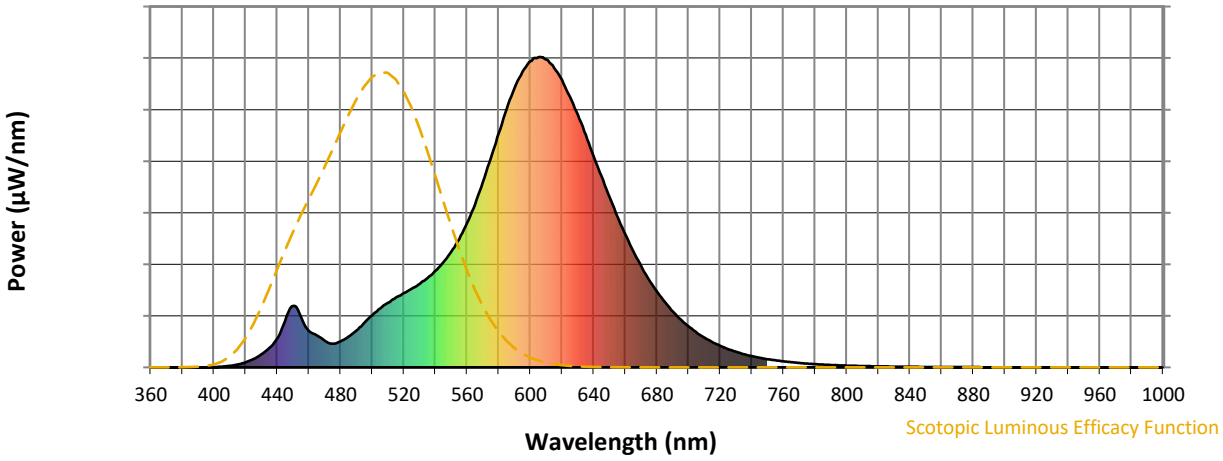


Photopic Lumens: NR

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

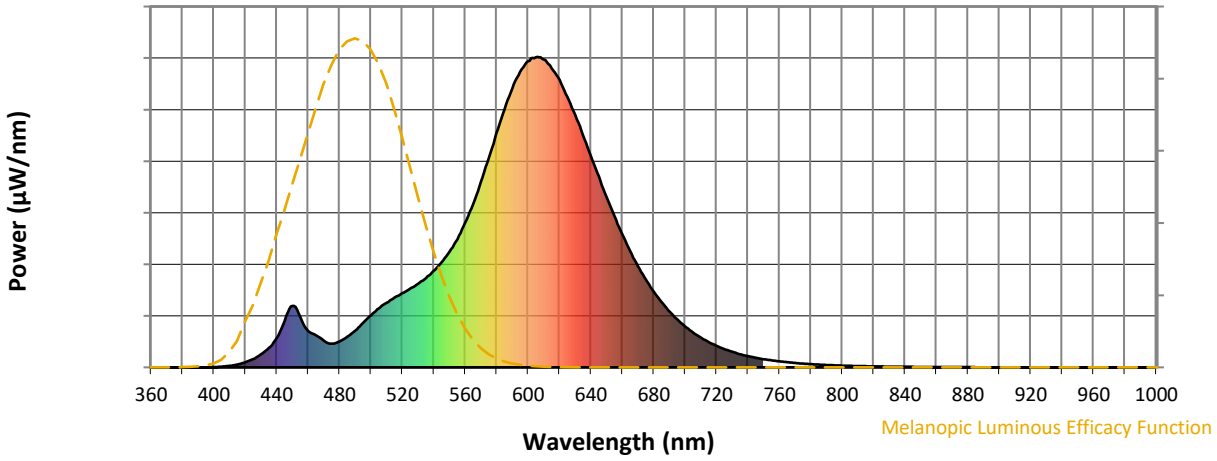


Scotopic Lumens: NR **S/P: 0.94**

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			

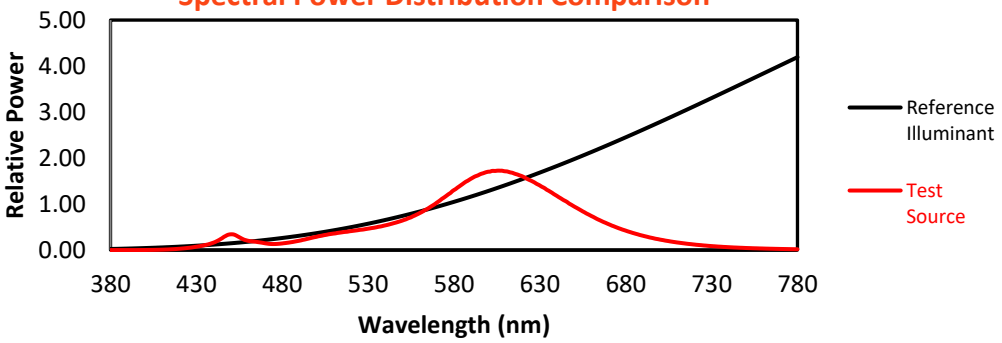
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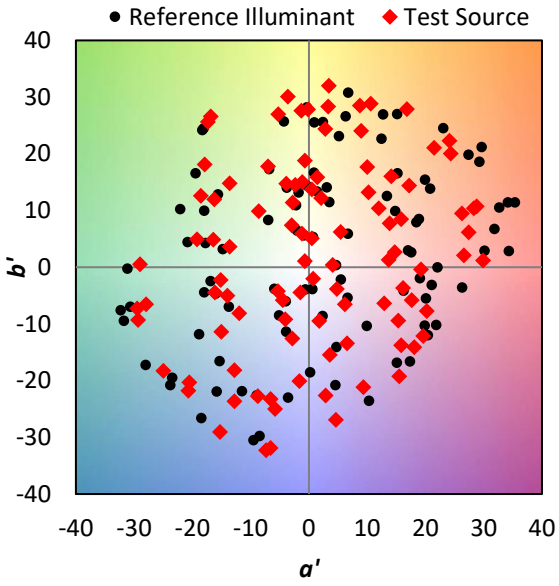
Summary

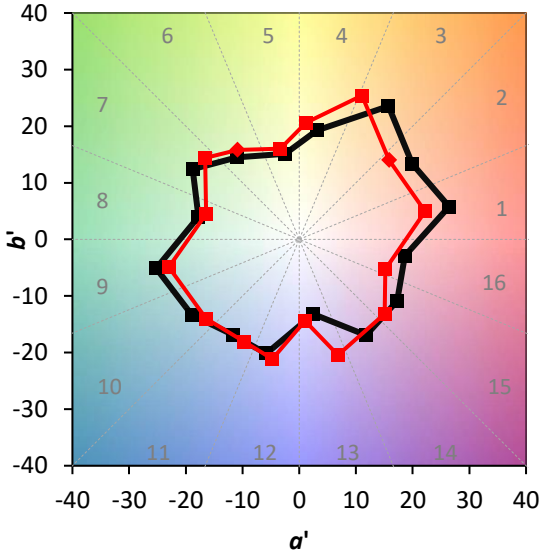
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

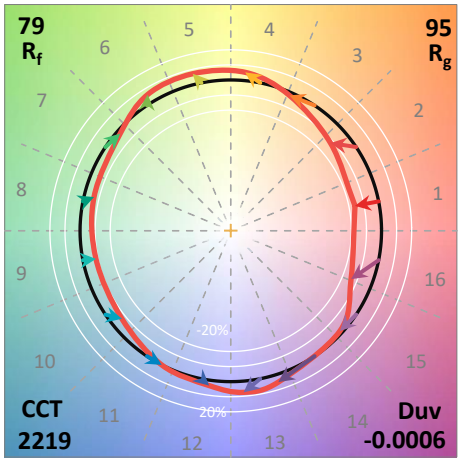
Spectral Power Distribution Comparison

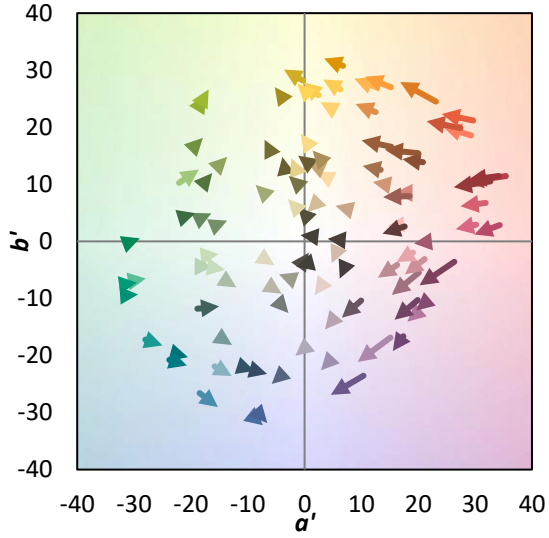


Color Vector Graphics







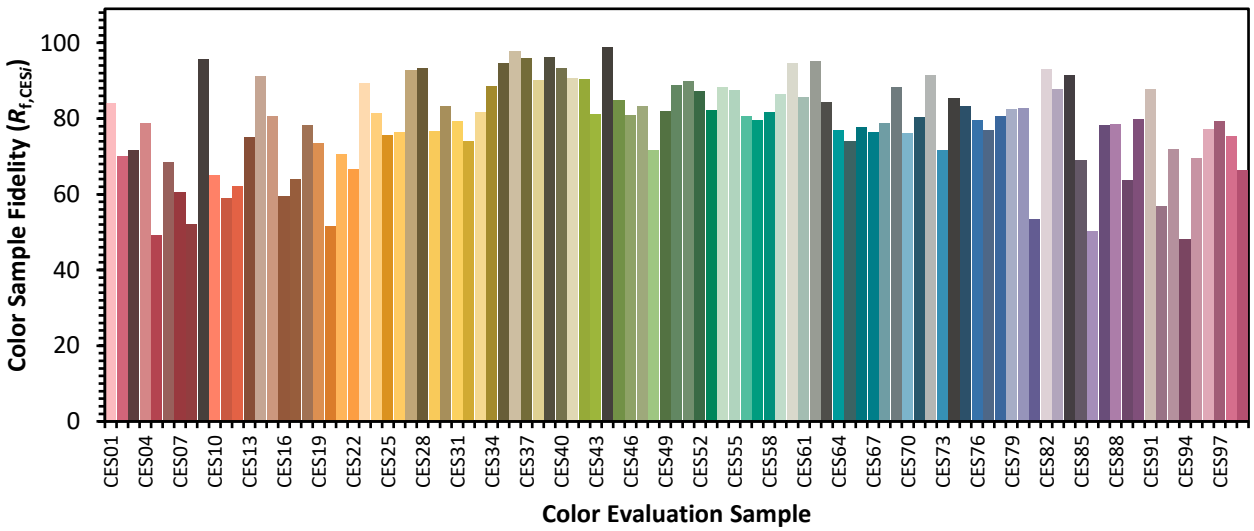


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Individual Sample Fidelity Index ($R_{f,i}$)

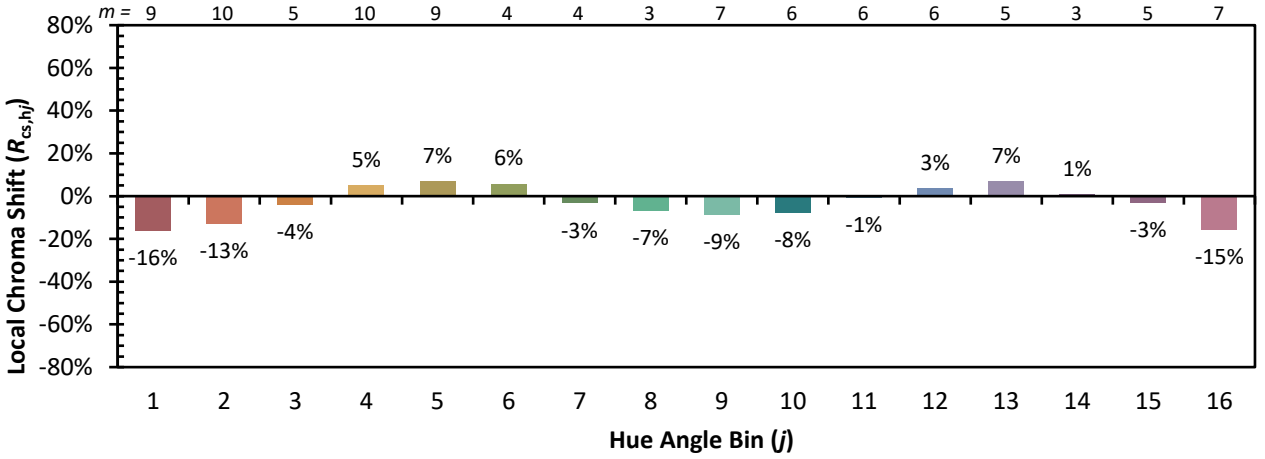
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82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

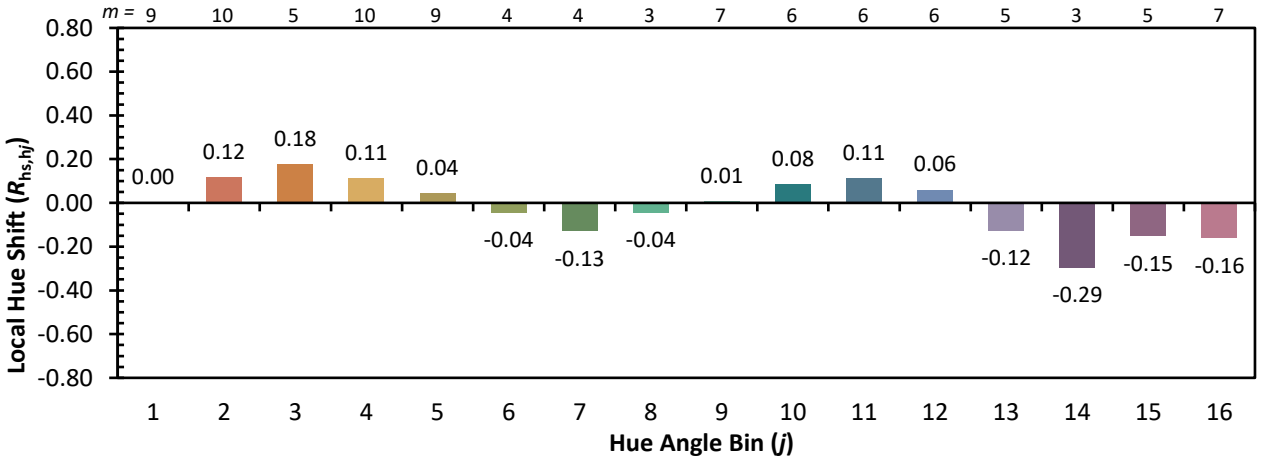


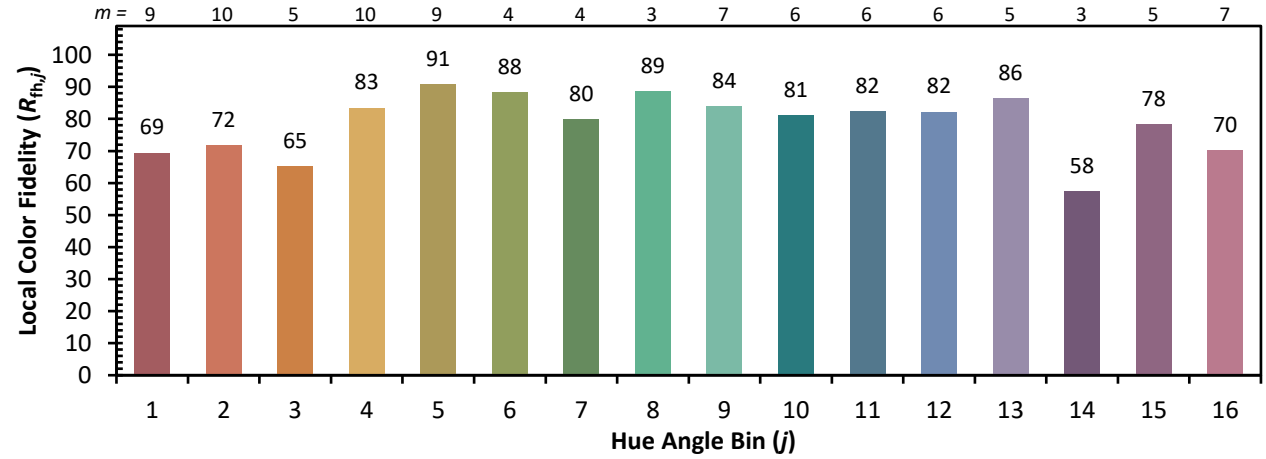
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Color Rendition by Hue-Angle Bin



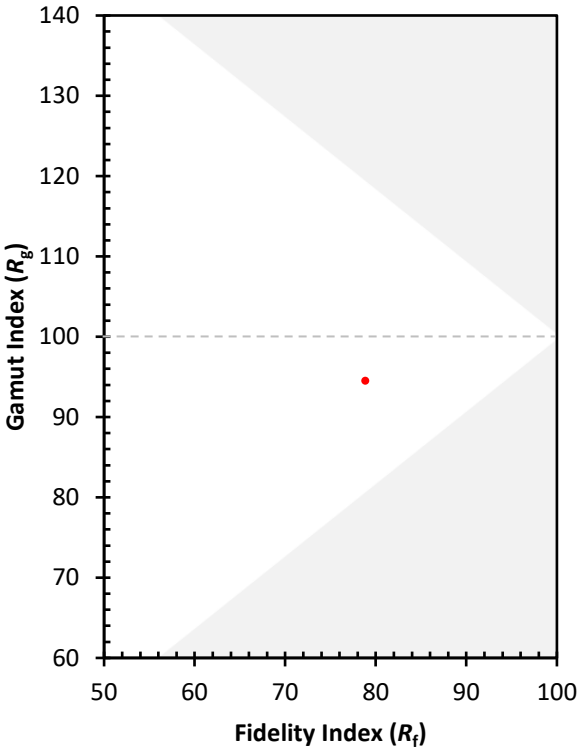


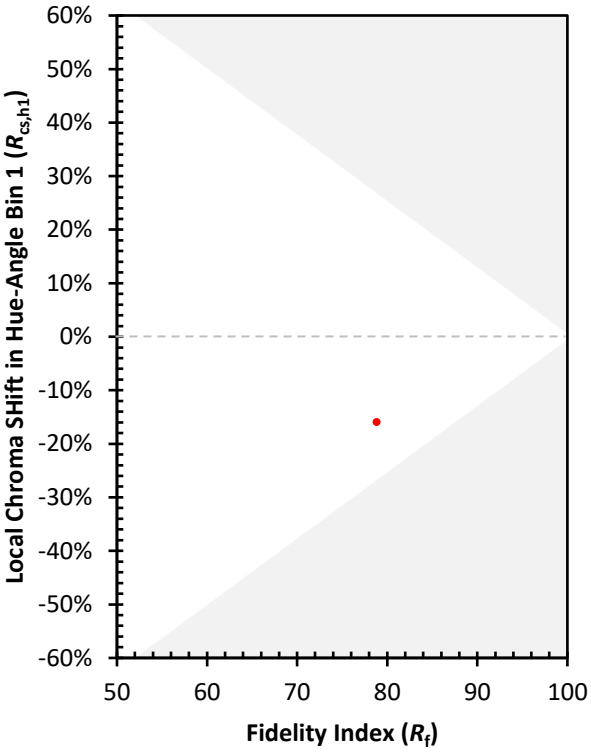


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Measure Comparisons





(END OF REPORT)