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: P981097

Luminaire Tested: **FFX-CLB-40-722-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:	P981097
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-40-722-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:	5079.9 lumens
Efficiency:	N/A
Efficacy:	128.9 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B3 - U3 - G2

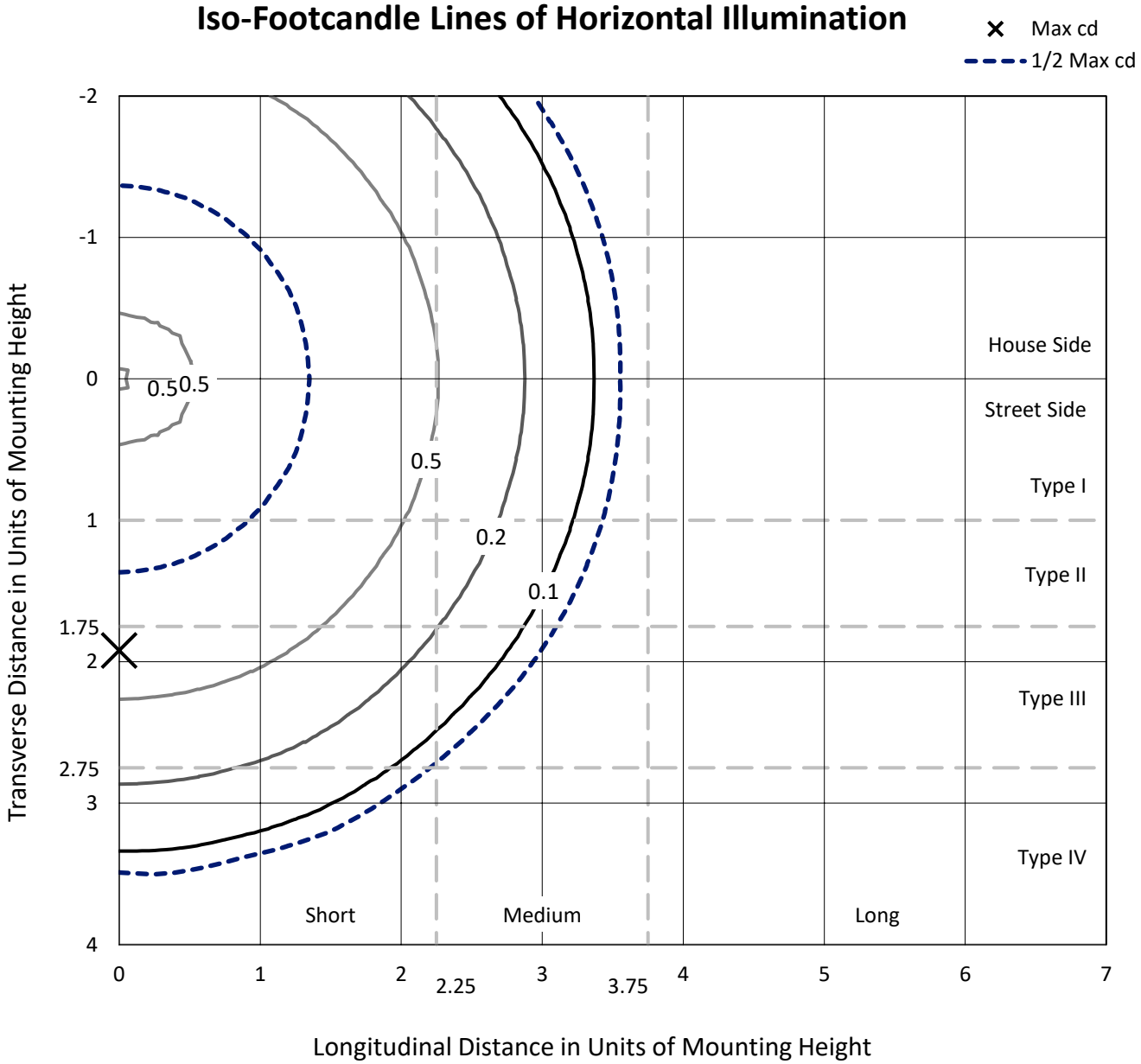
Input Watts (W):	39.4
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981097
CATALOG NUMBER: FFX-CLB-40-722-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



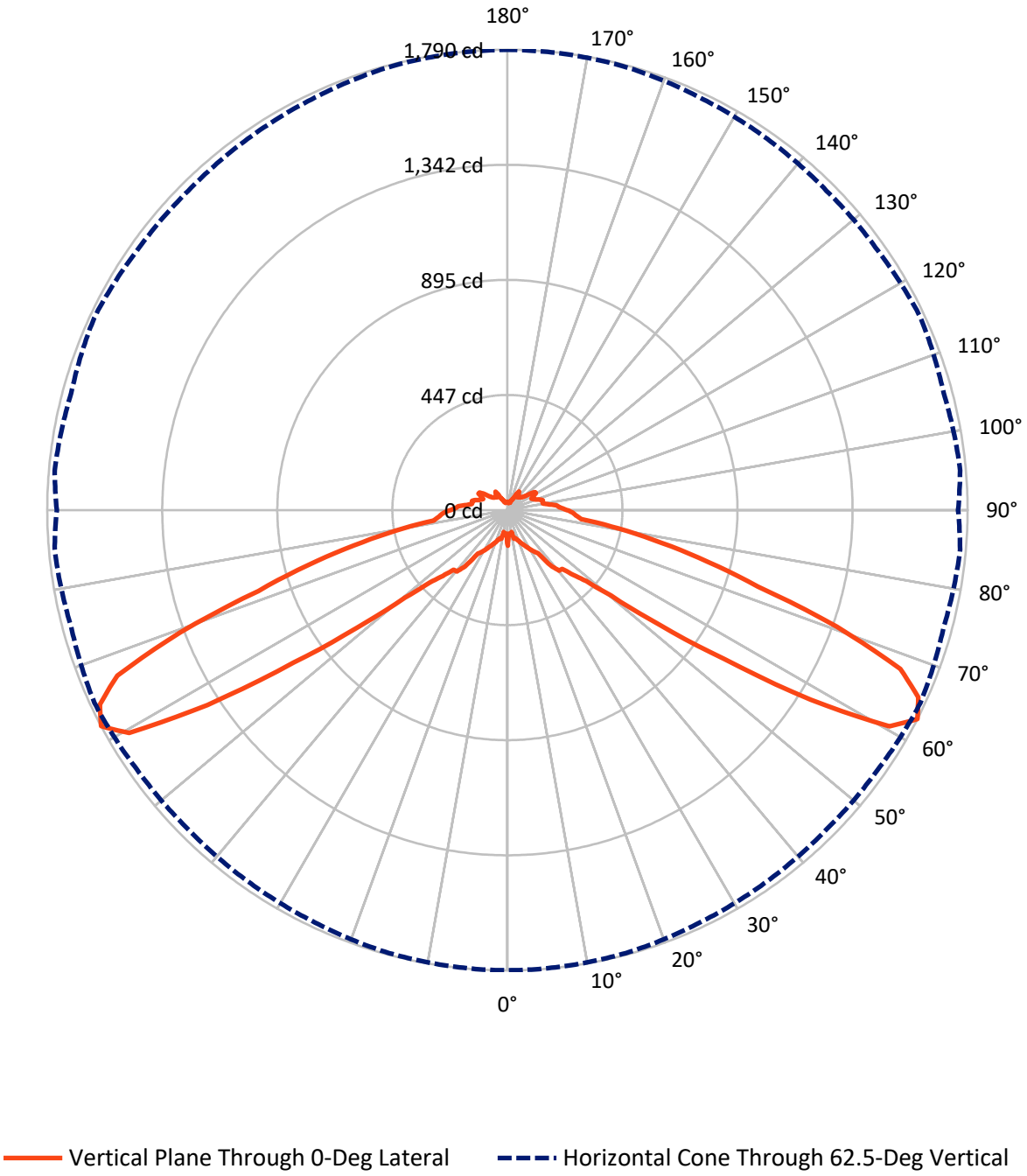
Based on 15 foot mounting height. Maximum calculated value = 1 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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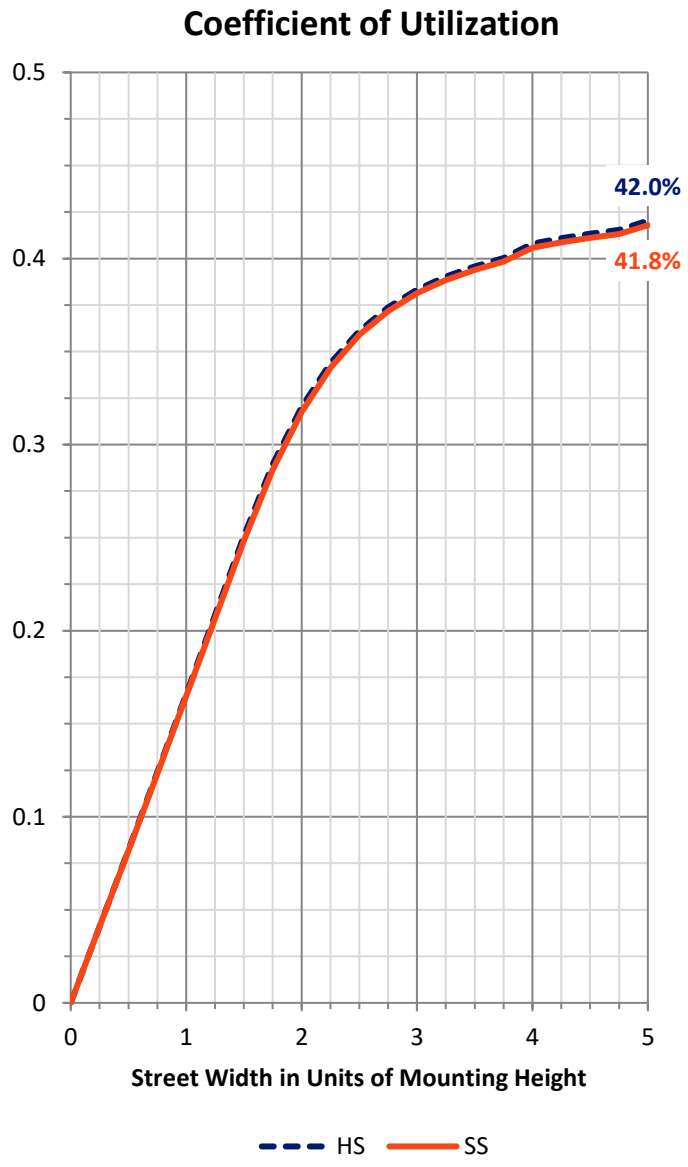
REPORT NUMBER: P981097
CATALOG NUMBER: FFX-CLB-40-722-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2211.0	328.9	2540.0
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	2211.0	328.9	2540.0
	% Fixture	43.5	6.5	50.0
Total	Lumens	4422.0	657.9	5079.9
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.7	0.2
10°-20°	32.2	0.6
20°-30°	70.6	1.4
30°-40°	145.1	2.9
40°-50°	299.6	5.9
50°-60°	978.5	19.3
60°-70°	1649.8	32.5
70°-80°	898.0	17.7
80°-90°	339.6	6.7
90°-100°	206.4	4.1
100°-110°	130.2	2.6
110°-120°	99.0	1.9
120°-130°	84.7	1.7
130°-140°	56.9	1.1
140°-150°	46.9	0.9
150°-160°	22.1	0.4
160°-170°	8.8	0.2
170°-180°	2.9	0.1
0°-90°	4422.0	87.0
0°-180°	5079.9	100.0



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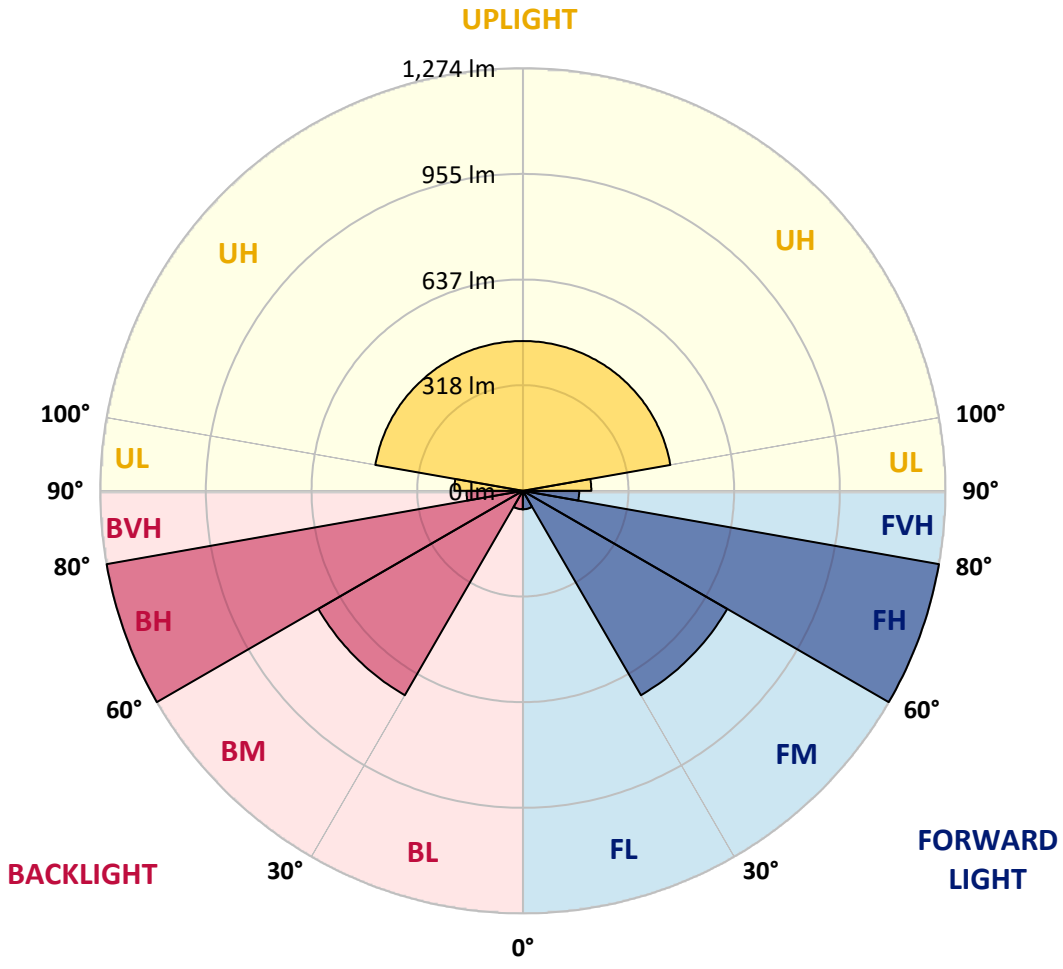
Scaled Data Report

REPORT NUMBER: P981097
CATALOG NUMBER: FFX-CLB-40-722-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°)	55.7	1.1			
FM	(30°-60°)	711.6	14.0			
FH	(60°-80°)	1273.9	25.1			G1/1800
FVH	(80°-90°)	169.8	3.3			G2/225
BL	(0°-30°)	55.7	1.1	B0/110		
BM	(30°-60°)	711.6	14.0	B1/1000		
BH	(60°-80°)	1273.9	25.1	B3/2500		G1/1800
BVH	(80°-90°)	169.8	3.3			G2/225
UL	(90°-100°)	206.4	4.1		U3/500	
UH	(100°-180°)	451.5	8.9		U3/500	

BUG Rating: B3-U3-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	138.3	138.3	138.3	138.3	138.3	138.3	138.3	138.3	138.3	138.3	138.3
2.5°	92.1	95.8	116.2	133.0	132.6	120.9	105.8	107.2	116.2	124.3	126.3
5°	92.8	91.4	90.4	86.4	85.1	87.1	85.7	81.7	80.0	80.4	86.7
7.5°	96.5	94.8	85.1	77.7	76.7	81.1	90.4	90.4	80.4	72.7	72.3
10°	86.7	86.4	89.8	93.1	94.1	90.1	86.1	84.1	83.4	82.7	82.1
12.5°	114.5	113.2	106.2	101.8	101.1	103.2	106.2	105.2	100.1	97.5	97.5
15°	113.9	114.5	115.6	113.9	113.5	113.9	115.6	114.5	112.9	110.9	110.9
17.5°	120.2	120.6	120.9	121.6	120.9	119.9	119.9	119.6	119.9	120.6	120.6
20°	130.0	130.3	130.3	130.3	130.0	127.9	127.9	128.3	127.9	128.6	128.3
22.5°	140.7	140.3	140.3	140.3	139.3	137.7	137.3	137.7	136.7	136.7	136.7
25°	151.1	151.7	152.7	152.4	150.7	149.4	148.4	148.7	148.0	148.0	148.0
27.5°	164.1	163.4	165.5	164.8	163.1	163.1	162.1	162.1	161.1	160.8	160.4
30°	178.9	178.5	178.5	178.9	178.2	177.5	177.5	176.8	175.2	175.5	176.2
32.5°	193.3	192.9	192.2	192.6	192.2	191.2	192.9	192.9	192.2	192.6	194.6
35°	207.3	209.3	214.0	217.4	218.4	218.0	219.4	221.7	220.0	219.0	220.0
37.5°	274.3	273.0	267.9	264.9	265.6	267.3	263.6	260.9	259.2	258.9	260.6
40°	309.5	308.1	300.8	301.4	296.4	298.1	299.8	302.1	300.4	296.7	296.7
42.5°	312.5	312.8	323.2	338.9	334.3	324.2	314.8	319.5	326.6	330.9	332.6
45°	358.7	363.1	363.1	364.1	364.4	364.7	358.0	361.1	366.7	373.8	373.4
47.5°	412.0	414.6	416.3	418.3	417.3	418.3	427.0	424.7	431.1	430.4	429.7
50°	523.5	534.9	536.9	544.6	539.9	540.9	557.0	558.3	558.3	557.3	558.7
52.5°	742.9	752.9	751.2	734.2	742.5	757.6	775.0	762.6	780.4	771.7	767.7
55°	1021.5	1021.9	1032.9	1056.7	1067.8	1056.0	1065.4	1042.3	1081.2	1085.8	1074.1
57.5°	1391.3	1398.3	1400.7	1406.7	1398.0	1396.7	1403.4	1389.0	1407.0	1389.3	1396.3
60°	1707.5	1698.4	1672.6	1636.1	1640.2	1654.6	1680.7	1671.6	1658.9	1634.1	1628.4
62.5°	1789.9	1788.5	1783.2	1769.8	1761.7	1755.4	1758.7	1772.5	1756.4	1767.4	1752.7
65°	1756.0	1755.0	1760.1	1771.8	1763.1	1741.6	1722.9	1745.3	1735.3	1772.1	1761.4
67.5°	1647.9	1643.5	1638.5	1660.2	1646.5	1615.7	1602.0	1604.0	1598.0	1634.8	1624.1
70°	1359.1	1352.1	1361.5	1396.0	1376.2	1348.8	1333.0	1339.7	1341.4	1364.8	1368.5
72.5°	1018.5	1027.2	1036.6	1059.7	1055.0	1040.0	1048.7	1058.7	1068.4	1077.1	1073.5
75°	806.2	816.6	797.8	809.2	805.2	816.9	824.9	829.6	828.6	819.6	815.6
77.5°	612.9	621.3	616.9	613.6	616.6	628.3	653.8	650.8	636.4	621.0	624.0
80°	440.8	455.5	457.2	455.8	462.2	463.9	485.3	479.6	467.9	467.6	470.9
82.5°	288.7	295.4	316.5	335.3	340.3	331.9	346.0	351.3	354.4	354.7	353.7
85°	267.3	274.6	269.6	279.7	282.0	284.4	286.7	288.7	292.1	295.1	296.4
87.5°	252.5	264.6	263.9	270.6	270.0	274.6	279.0	280.3	276.3	272.0	270.6
90°	225.7	235.5	239.1	243.2	245.2	244.5	248.2	248.2	245.5	243.5	242.8
92.5°	202.6	208.0	211.3	216.4	217.7	217.0	220.7	219.0	219.4	220.0	220.7
95°	191.6	193.9	192.9	194.9	192.2	189.9	191.2	189.2	188.2	186.6	186.6
97.5°	160.1	159.8	159.8	160.4	159.1	157.1	158.1	157.8	158.1	158.1	156.7
100°	140.3	140.0	138.0	137.7	137.3	136.7	135.6	136.0	136.0	135.6	136.0
102.5°	140.0	137.0	132.6	127.9	127.9	126.9	127.3	126.9	126.6	124.6	123.6
105°	142.7	138.0	130.6	121.2	119.9	120.2	121.2	120.9	119.6	117.6	116.2
107.5°	132.0	126.6	122.2	116.2	114.5	114.2	114.9	115.2	113.9	111.2	109.2
110°	116.9	114.9	112.9	110.5	108.9	108.5	108.5	108.5	107.2	106.2	103.8

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CATALOG NUMBER: FFX-CLB-40-722-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*110.2*	107.8	105.5	103.5	102.5	102.2	101.5	100.8	99.8	98.8	97.5
115°	*103.8*	103.8	102.2	94.8	93.1	92.8	92.4	92.4	92.4	92.4	92.1
117.5°	*112.5*	111.5	105.2	95.8	92.8	91.1	89.8	90.4	90.1	92.4	91.8
120°	*128.9*	121.6	107.8	101.1	98.5	97.1	97.5	97.8	97.5	96.8	95.5
122.5°	*127.6*	119.6	111.2	106.2	103.2	102.8	104.2	103.8	100.8	96.1	92.4
125°	*112.2*	107.8	102.8	98.1	96.5	95.8	96.5	95.5	93.4	91.1	87.4
127.5°	*87.1*	86.4	83.7	81.7	82.1	83.1	84.7	84.7	83.7	82.4	80.4
130°	*78.0*	77.4	77.7	78.4	78.0	78.0	76.4	75.0	77.4	79.4	78.4
132.5°	*72.0*	72.3	75.7	80.7	79.7	77.0	73.0	72.3	76.0	80.0	79.7
135°	*69.3*	69.7	72.3	77.4	76.0	72.7	71.0	71.3	73.3	75.4	75.0
137.5°	*69.3*	69.3	68.7	70.3	70.3	70.3	70.0	71.0	72.3	72.3	71.3
140°	*68.3*	69.0	67.0	67.3	68.3	69.3	69.7	71.0	71.3	71.0	69.7
142.5°	*62.6*	63.3	65.3	68.0	68.7	69.3	71.3	71.0	71.0	71.0	70.3
145°	*77.0*	77.0	78.7	81.1	80.0	78.7	79.4	79.7	80.4	81.1	80.4
147.5°	*85.1*	85.1	83.1	82.4	80.7	80.7	82.7	82.4	82.1	81.4	81.7
150°	*70.3*	70.0	68.3	67.7	67.7	67.0	68.0	68.0	67.0	66.3	66.7
152.5°	*50.2*	50.6	49.9	50.6	51.6	52.6	53.6	54.3	54.3	54.3	53.6
155°	*45.6*	44.9	44.5	45.2	45.6	45.2	44.5	44.5	44.5	43.9	43.5
157.5°	*39.5*	39.2	38.9	39.2	39.2	39.5	39.9	40.2	40.2	39.5	39.2
160°	*34.2*	34.2	34.2	34.5	34.5	34.2	33.8	34.2	34.8	34.8	34.8
162.5°	*30.8*	31.1	31.5	32.2	32.2	31.5	30.8	30.8	31.5	32.2	32.2
165°	*28.5*	28.5	29.1	30.5	30.8	29.8	28.8	28.8	29.8	31.1	31.5
167.5°	*28.5*	28.8	29.8	30.8	30.5	29.5	28.5	28.5	29.5	30.5	30.5
170°	*30.5*	30.5	30.1	29.8	29.5	29.5	29.5	29.8	30.1	29.8	29.8
172.5°	*32.2*	31.8	30.8	29.8	29.5	30.5	31.1	30.8	30.5	29.8	29.8
175°	*32.8*	32.5	31.8	31.1	31.1	31.8	32.2	31.5	30.8	30.5	30.1
177.5°	*29.5*	29.5	29.1	29.1	29.5	29.1	29.1	29.1	28.8	28.5	28.1
180°	*25.5*	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5

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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

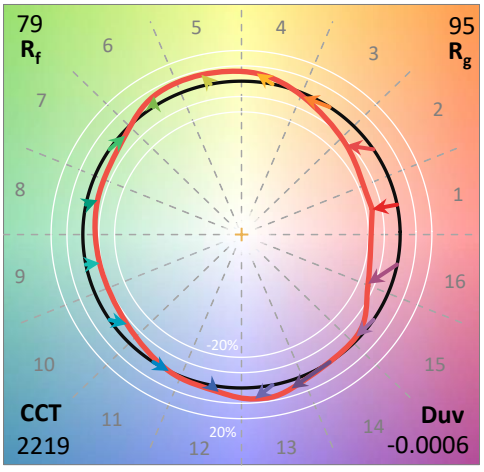
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Version: v7.04

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

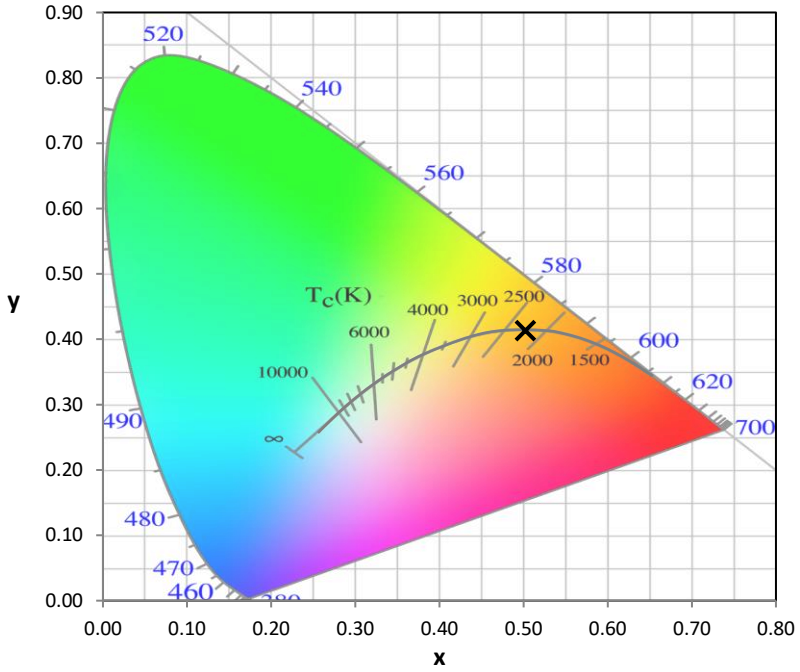
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

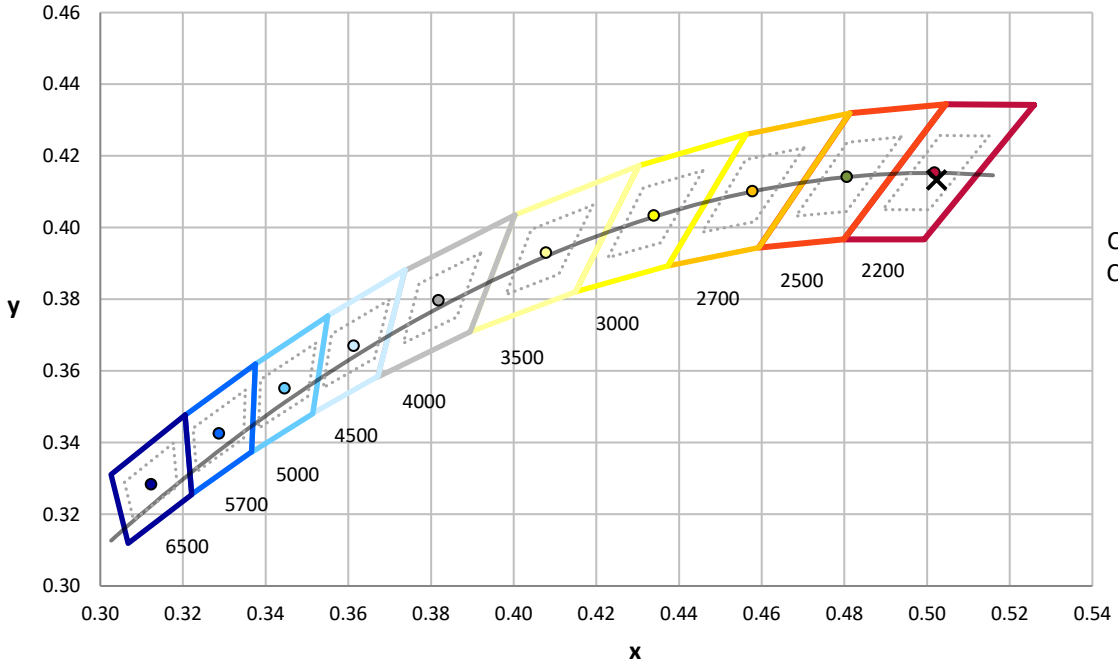
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

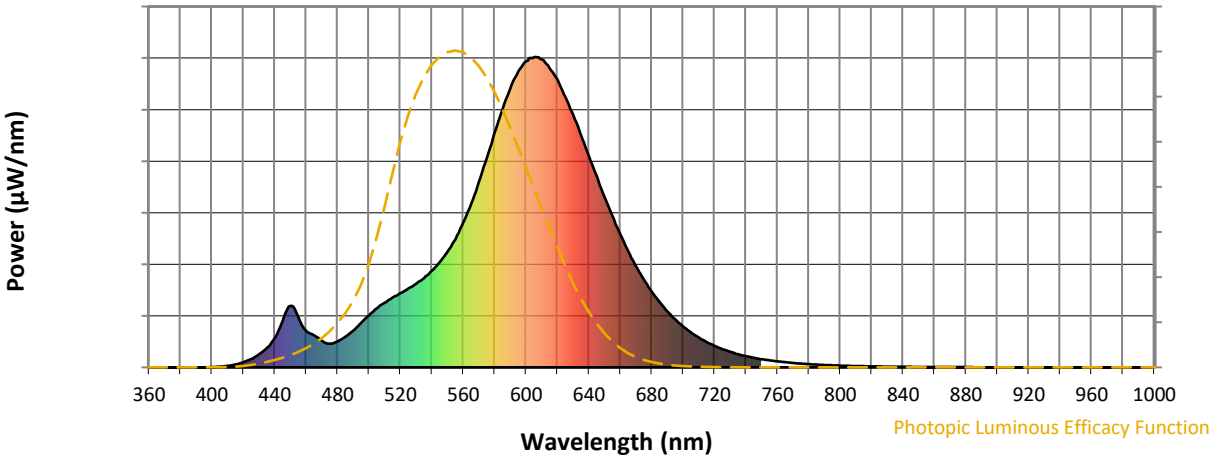


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

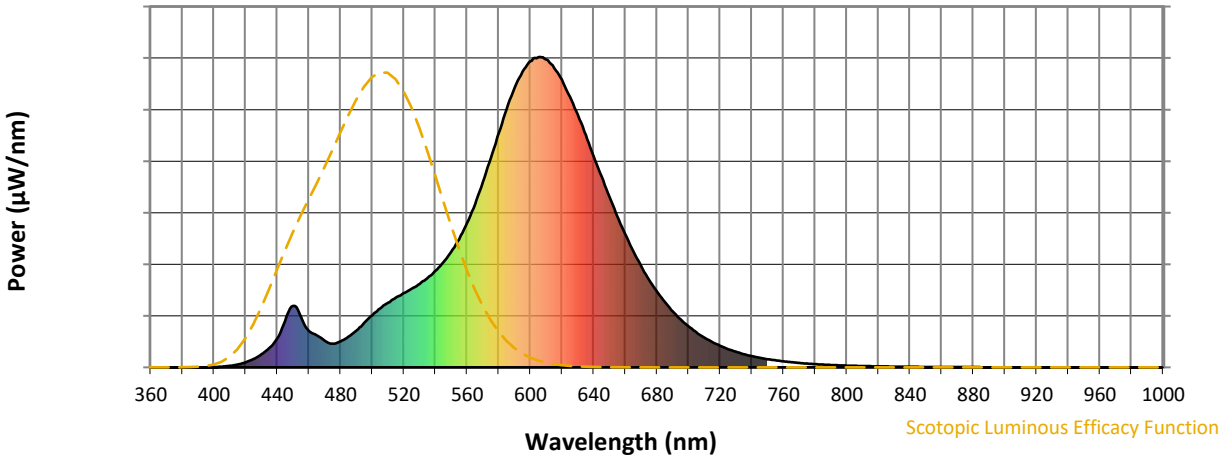


Photopic Lumens: NR

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

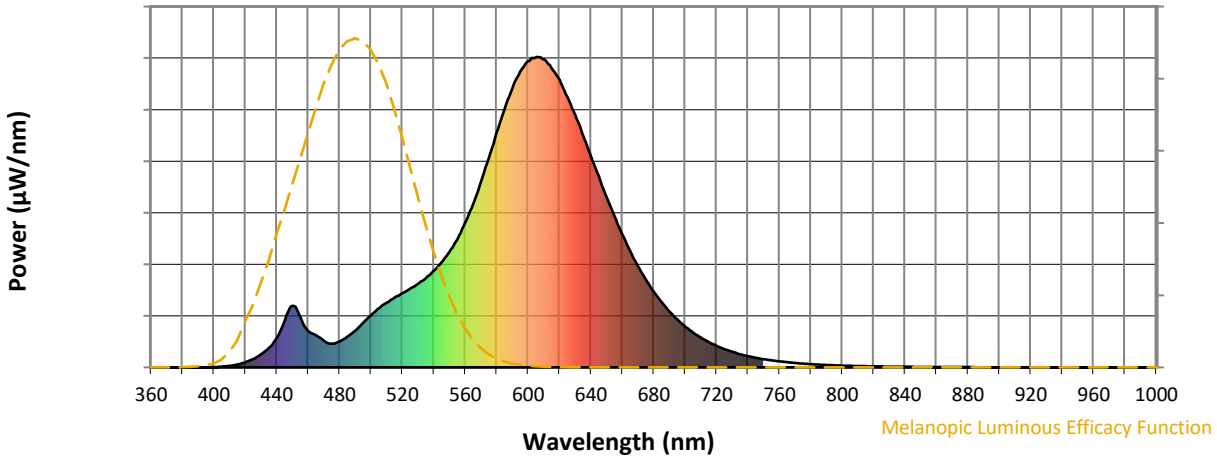


Scotopic Lumens: NR **S/P: 0.94**

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			

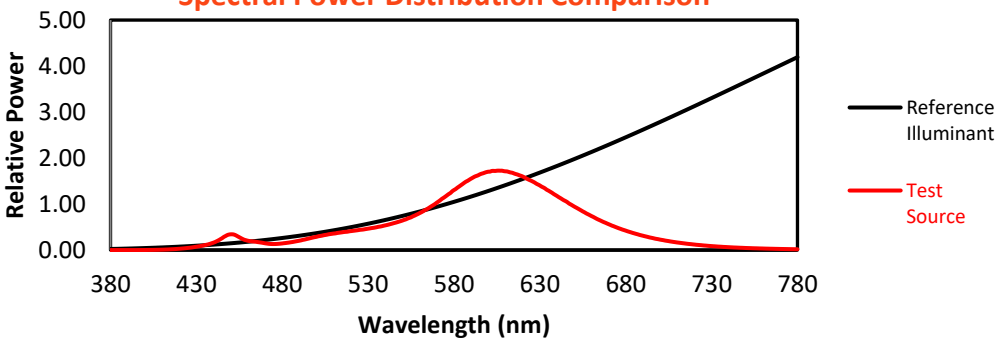
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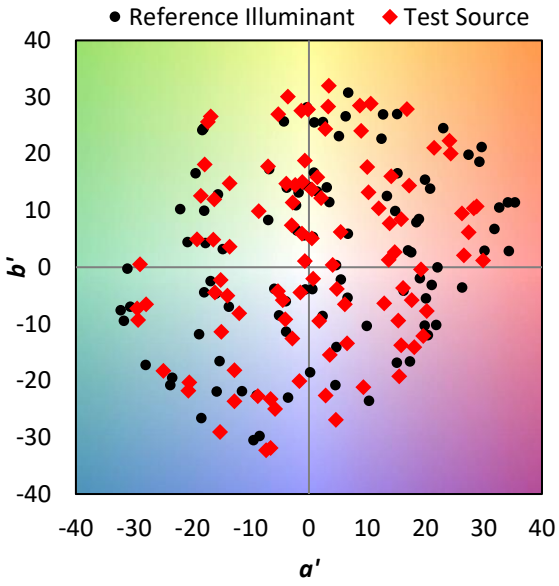
Summary

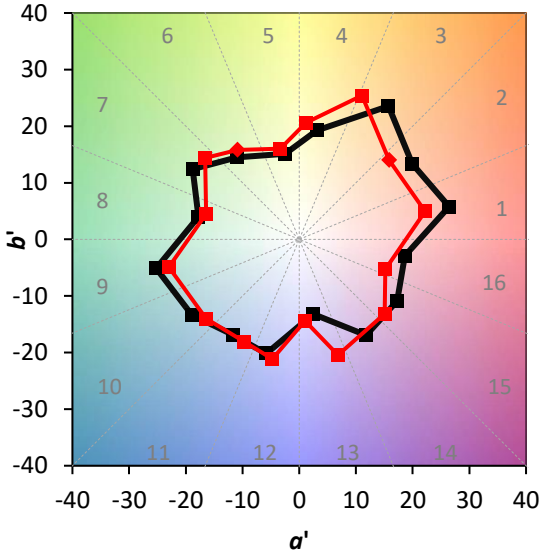
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

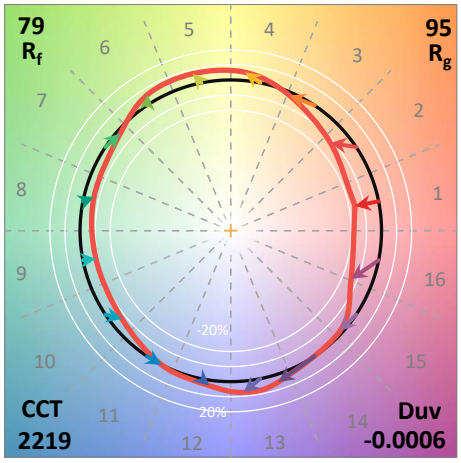
Spectral Power Distribution Comparison

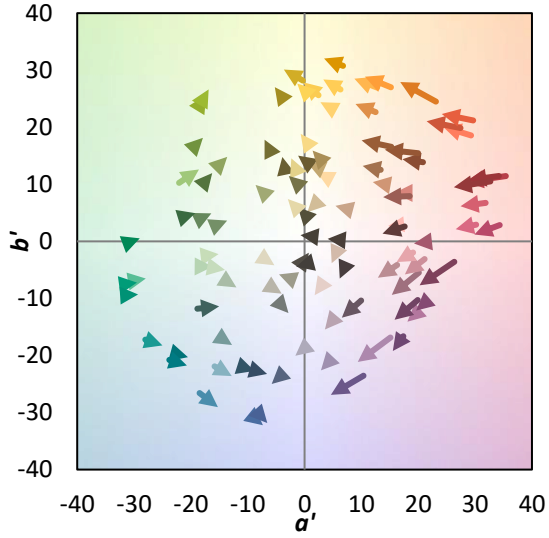


Color Vector Graphics







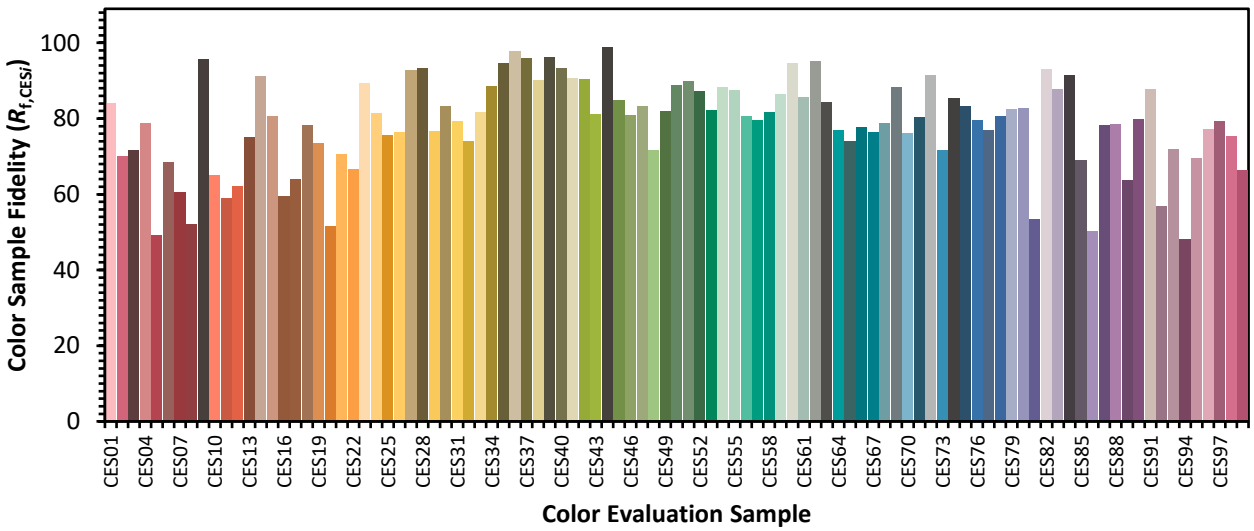


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Individual Sample Fidelity Index ($R_{f,i}$)

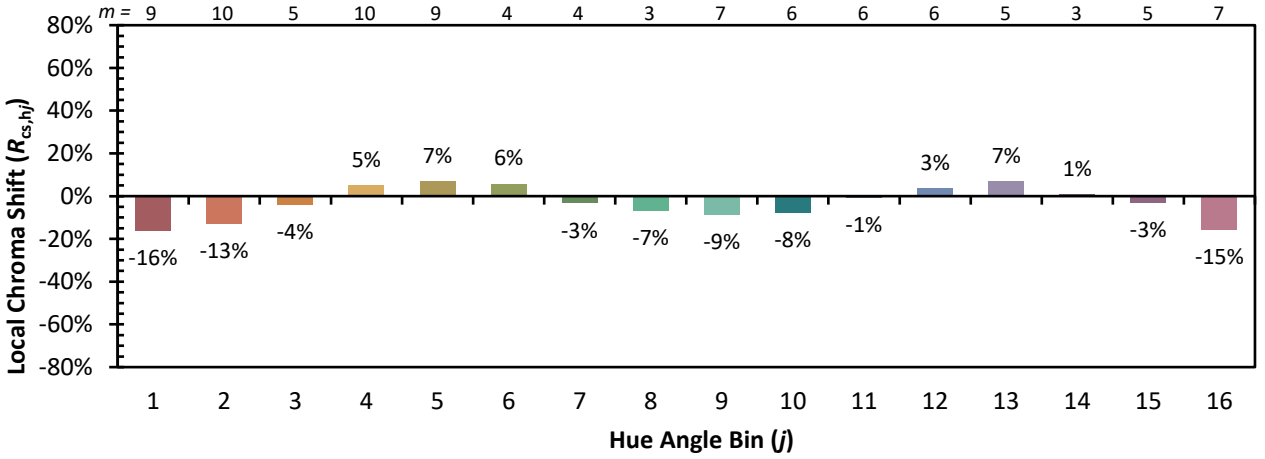
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82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

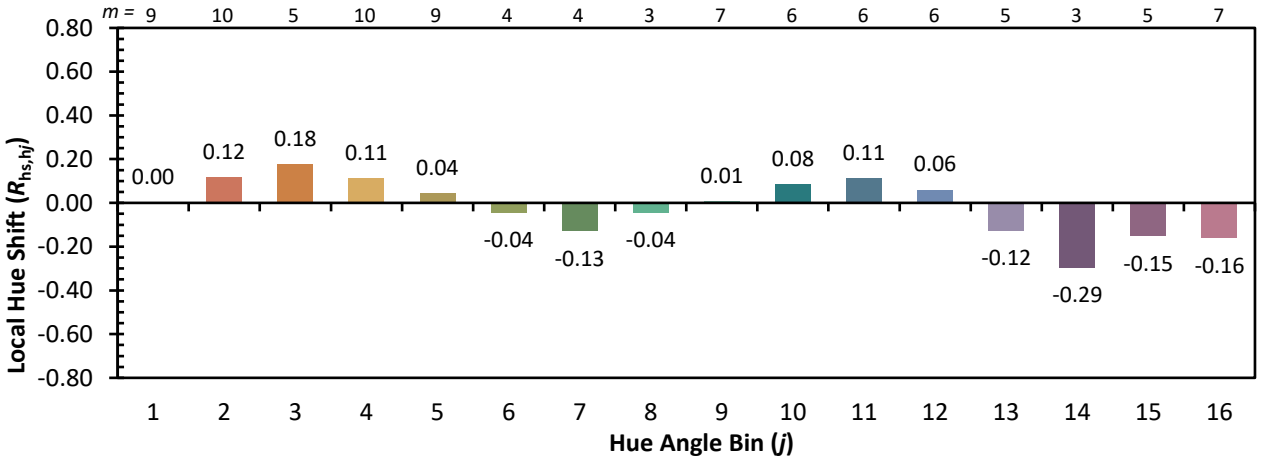


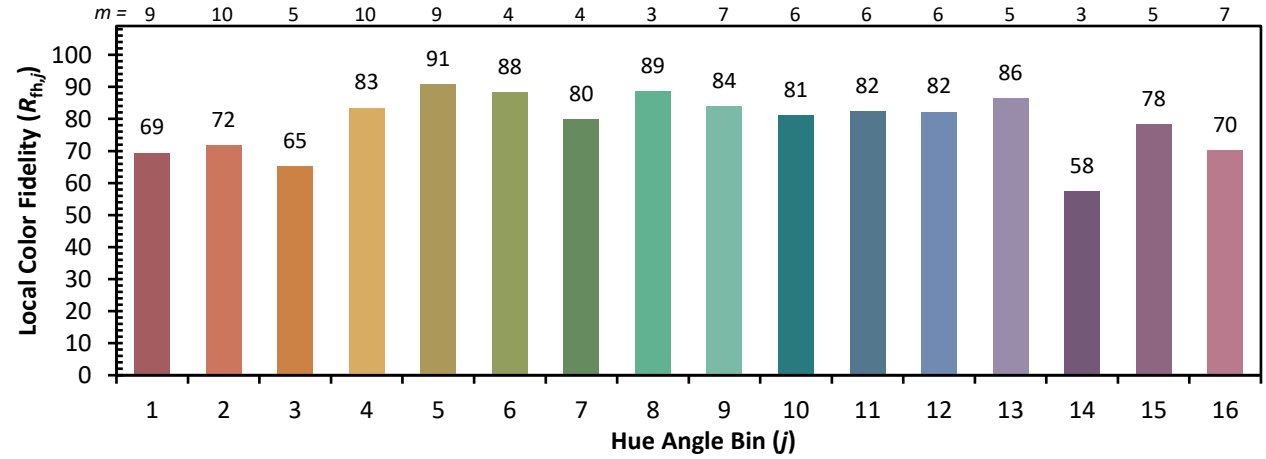
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Color Rendition by Hue-Angle Bin



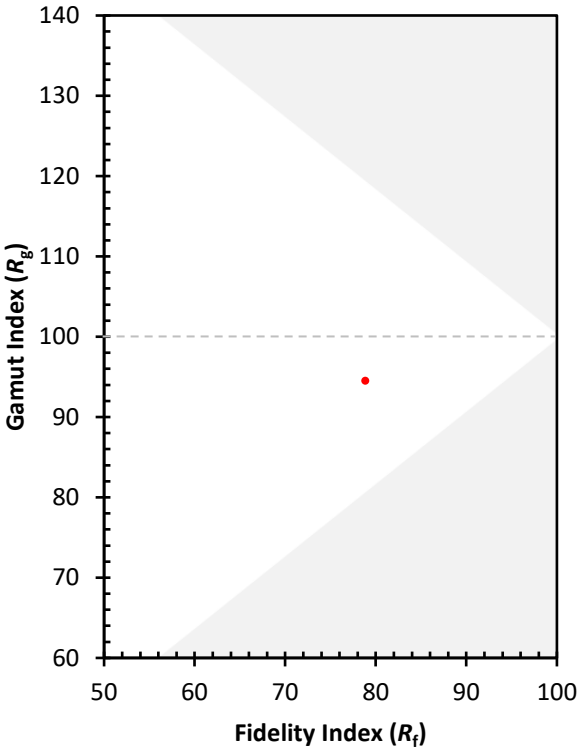


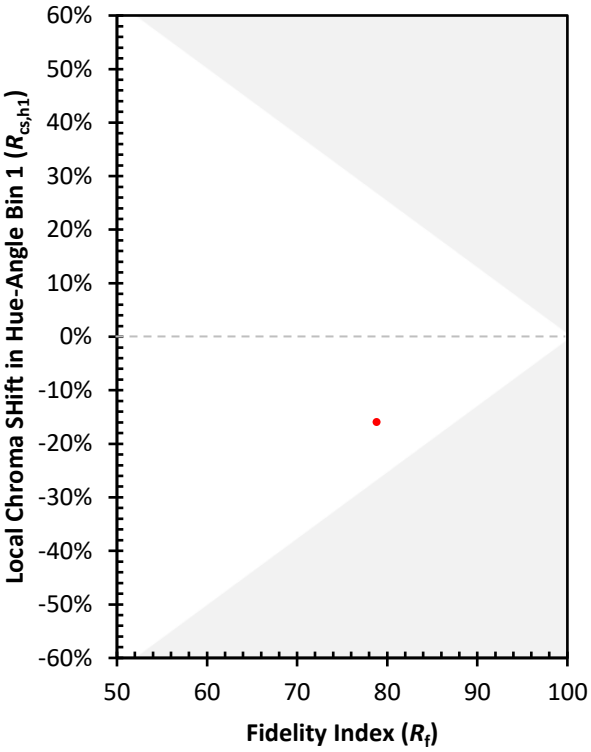


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Measure Comparisons





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