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: P981078

Luminaire Tested: **FFX-CLB-50-740-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:	P981078
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-50-740-U-FR-T5
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS
Light Source:	(6) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8488.5 lumens
Efficiency:	N/A
Efficacy:	167.8 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G3

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

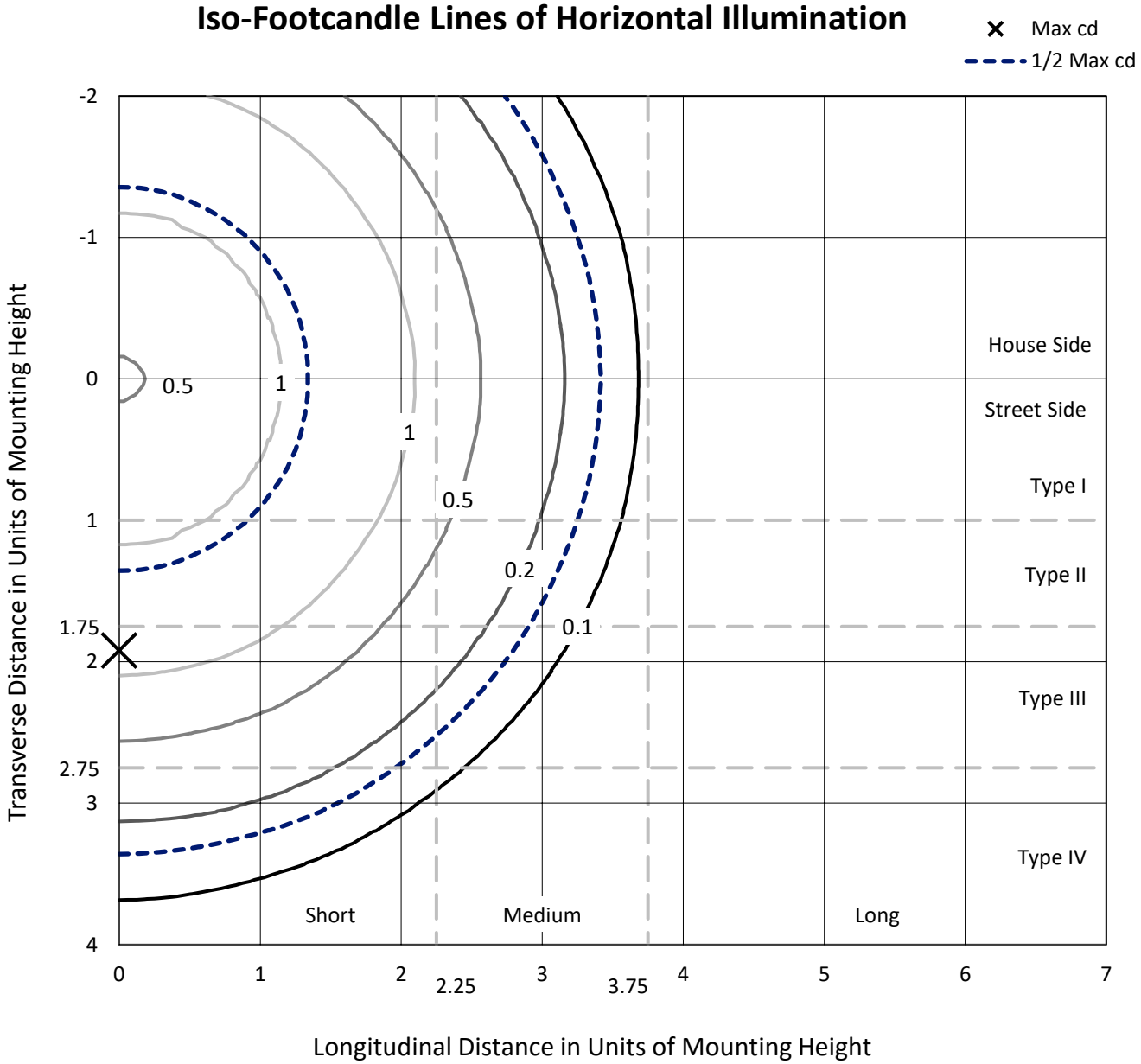


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REPORT NUMBER: P981078
CATALOG NUMBER: FFX-CLB-50-740-U-FR-T5

Iso-Footcandle Lines of Horizontal Illumination



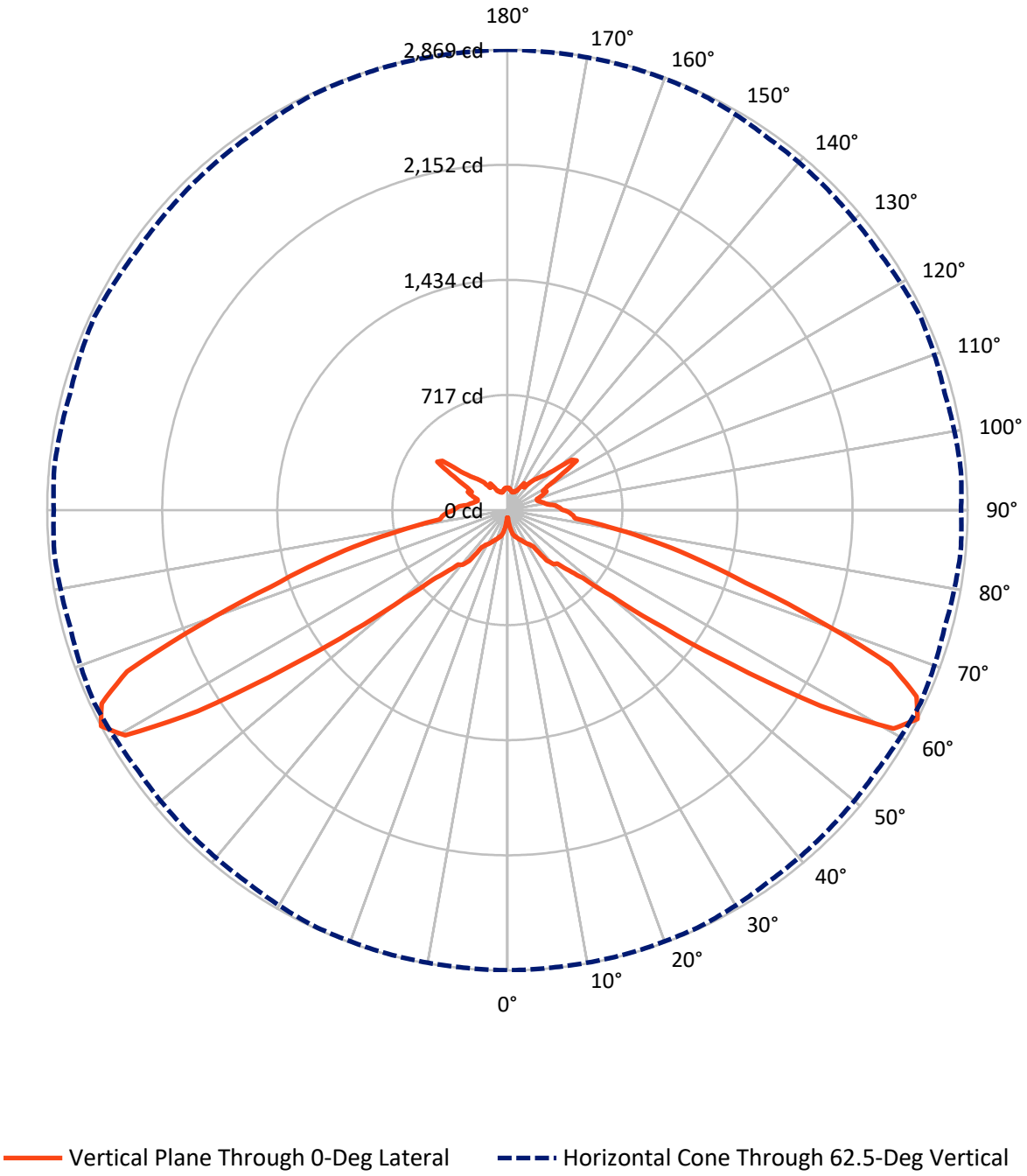
Based on 15 foot mounting height. Maximum calculated value = 1.6 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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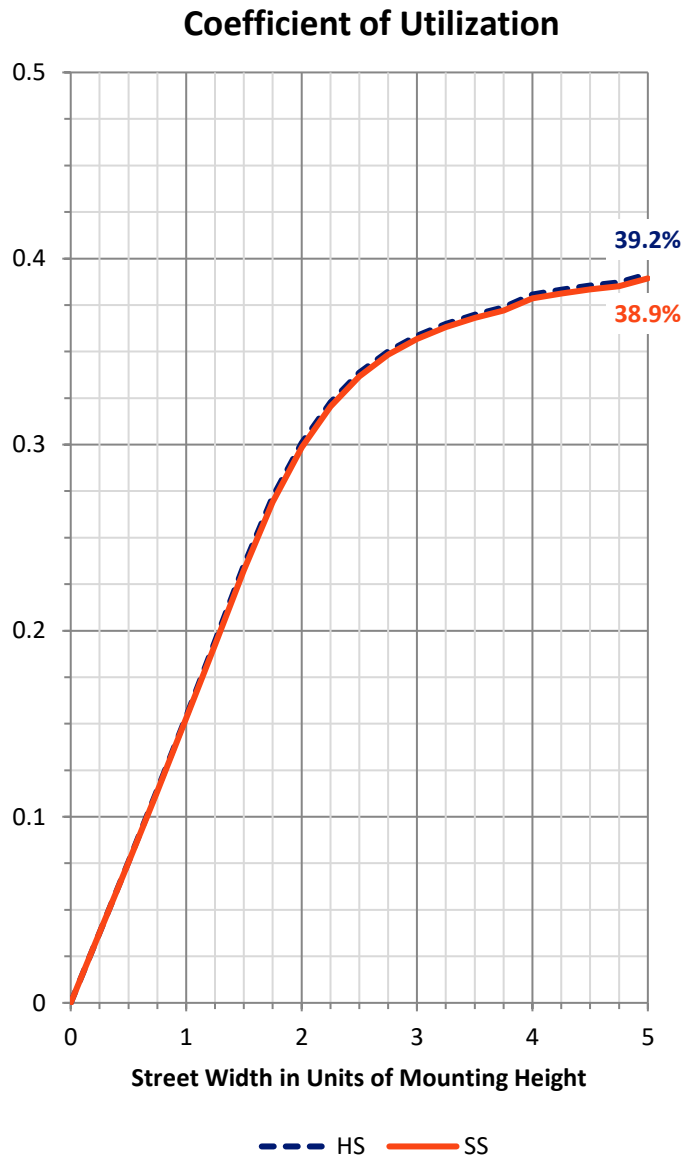
REPORT NUMBER: P981078
CATALOG NUMBER: FFX-CLB-50-740-U-FR-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3437.6	806.7	4244.2
	% Fixture	40.5	9.5	50.0
Street Side	Lumens	3437.6	806.7	4244.2
	% Fixture	40.5	9.5	50.0
Total	Lumens	6875.2	1613.3	8488.5
	% Fixture	81.0	19.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.7	0.1
10°-20°	47.2	0.6
20°-30°	100.3	1.2
30°-40°	202.7	2.4
40°-50°	453.0	5.3
50°-60°	1597.5	18.8
60°-70°	2614.6	30.8
70°-80°	1345.0	15.8
80°-90°	506.1	6.0
90°-100°	325.7	3.8
100°-110°	217.2	2.6
110°-120°	233.3	2.7
120°-130°	381.7	4.5
130°-140°	228.5	2.7
140°-150°	118.7	1.4
150°-160°	62.1	0.7
160°-170°	33.6	0.4
170°-180°	12.6	0.1
0°-90°	6875.2	81.0
0°-180°	8488.5	100.0



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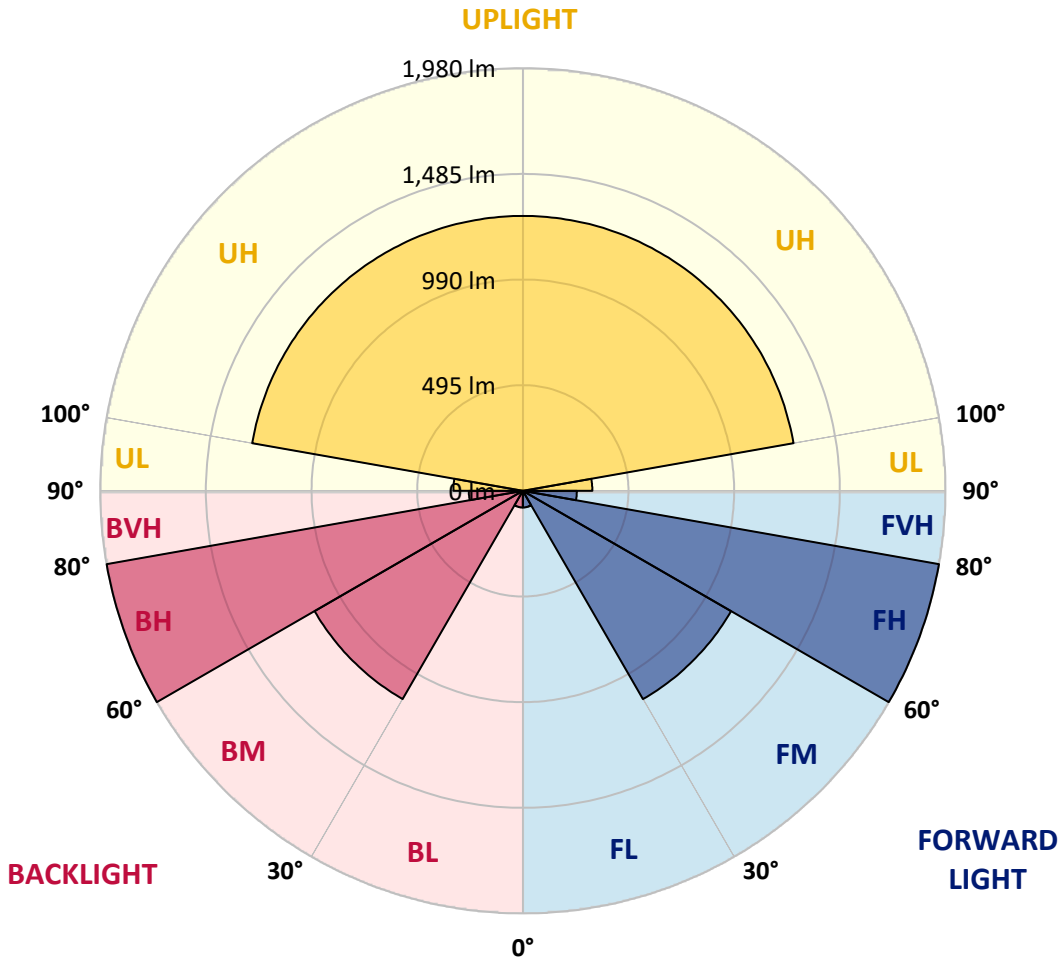
Scaled Data Report

REPORT NUMBER: P981078
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	78.1	0.9			
FM	(30°-60°)	1126.6	13.3			
FH	(60°-80°)	1979.8	23.3			G2/5000
FVH	(80°-90°)	253.0	3.0			G3/500
BL	(0°-30°)	78.1	0.9	B0/110		
BM	(30°-60°)	1126.6	13.3	B2/2500		
BH	(60°-80°)	1979.8	23.3	B3/2500		G2/5000
BVH	(80°-90°)	253.0	3.0			G3/500
UL	(90°-100°)	325.7	3.8		U3/500	
UH	(100°-180°)	1287.6	15.2		U5	

BUG Rating: B3-U5-G3
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
2.5°	48.4	48.9	50.5	51.6	52.2	51.1	51.6	52.7	52.7	53.2	53.2
5°	71.7	72.3	71.7	71.2	70.6	71.7	72.3	71.7	70.1	70.6	70.1
7.5°	106.0	106.0	101.6	100.5	99.4	104.3	107.0	106.0	100.5	95.6	94.5
10°	130.4	129.9	126.1	121.2	120.6	123.9	130.9	132.6	123.9	117.9	116.8
12.5°	154.9	151.1	148.9	144.0	144.5	146.7	151.6	152.1	146.2	141.3	138.0
15°	169.5	170.1	170.1	167.4	166.3	168.4	170.6	172.2	167.9	164.1	161.9
17.5°	176.0	176.6	178.2	179.8	179.8	178.8	178.8	179.3	179.3	179.3	178.8
20°	189.6	190.2	189.6	190.7	192.3	191.3	189.6	190.2	189.6	190.2	189.6
22.5°	200.5	200.0	200.0	201.6	202.7	202.1	200.5	201.0	200.0	200.5	200.5
25°	211.9	212.5	213.5	214.1	214.6	214.6	214.1	215.2	214.6	213.5	213.5
27.5°	227.7	227.7	227.7	227.7	229.8	229.8	228.8	229.3	227.7	226.6	226.0
30°	242.9	243.4	242.3	243.4	245.6	244.5	244.0	245.1	242.9	242.3	242.3
32.5°	257.0	257.0	256.5	259.7	260.3	259.2	260.8	261.9	263.0	262.4	265.2
35°	280.9	282.0	291.2	299.4	302.1	301.6	303.7	304.8	302.6	302.6	301.0
37.5°	396.6	396.1	383.1	370.6	376.5	384.1	376.5	374.4	370.0	367.8	366.8
40°	442.8	442.8	430.9	432.0	427.6	428.2	430.9	439.6	434.7	426.0	426.5
42.5°	457.0	461.3	475.4	501.0	491.7	477.1	459.7	465.7	478.1	485.8	487.4
45°	537.4	543.4	544.4	543.4	539.0	545.0	540.6	543.9	545.5	555.3	559.7
47.5°	631.9	629.7	630.3	643.9	639.0	642.8	650.9	649.8	656.9	655.8	659.6
50°	847.1	853.1	844.4	861.8	866.1	859.6	891.1	891.1	894.4	880.2	881.9
52.5°	1217.6	1203.5	1203.5	1207.9	1209.0	1229.1	1251.3	1250.8	1258.9	1251.3	1268.2
55°	1694.7	1691.5	1698.5	1749.0	1754.5	1737.1	1742.0	1719.7	1791.4	1773.0	1786.5
57.5°	2301.6	2309.8	2300.5	2301.1	2296.7	2291.9	2319.0	2272.8	2307.6	2268.5	2269.6
60°	2766.2	2755.3	2724.9	2665.1	2660.2	2678.2	2708.6	2710.2	2675.5	2653.7	2635.2
62.5°	2868.9	2865.1	2864.0	2859.1	2831.4	2823.8	2817.8	2842.3	2821.6	2837.4	2828.1
65°	2803.1	2786.8	2801.5	2824.9	2806.9	2771.6	2741.2	2783.6	2770.0	2828.7	2798.3
67.5°	2575.5	2560.3	2554.3	2600.5	2578.2	2522.2	2501.6	2511.4	2495.6	2560.3	2548.3
70°	2044.1	2044.6	2056.6	2116.4	2094.1	2052.8	2027.8	2034.3	2050.1	2104.4	2089.2
72.5°	1550.7	1547.5	1561.6	1576.8	1577.9	1574.6	1568.1	1573.0	1582.2	1612.1	1619.7
75°	1223.6	1222.5	1199.7	1207.9	1204.6	1219.3	1241.0	1237.8	1242.6	1219.8	1213.3
77.5°	925.9	927.0	918.3	914.5	911.2	935.1	969.9	971.5	948.1	931.3	924.2
80°	640.6	645.0	671.0	671.6	676.5	676.5	704.2	700.9	692.8	692.2	692.2
82.5°	424.9	432.5	459.1	489.6	494.4	488.5	503.7	508.0	518.4	526.0	528.1
85°	408.6	422.2	413.5	426.5	427.1	430.9	436.9	439.0	437.9	439.6	436.3
87.5°	382.5	399.4	397.2	405.9	408.1	414.0	420.6	423.3	417.8	413.5	412.4
90°	339.6	355.4	363.0	370.0	372.2	370.6	374.9	376.0	375.5	370.6	369.5
92.5°	321.7	327.6	332.0	337.4	343.9	340.1	342.9	340.1	344.5	343.4	344.5
95°	298.8	301.0	298.3	301.6	302.6	298.8	298.3	298.3	296.1	293.4	294.5
97.5°	252.7	256.5	255.4	255.4	255.9	254.3	254.8	254.3	255.4	253.7	253.2
100°	235.8	235.8	234.7	234.2	233.6	232.0	231.5	229.8	229.8	228.2	227.1
102.5°	218.4	220.1	218.4	217.9	217.9	215.2	215.7	215.7	214.6	214.1	211.4
105°	205.9	205.4	204.3	202.1	200.0	200.0	201.0	200.5	198.9	198.3	196.1
107.5°	194.5	193.4	191.8	188.5	187.5	188.0	189.6	190.2	189.6	187.5	185.8
110°	196.7	195.1	192.3	191.3	192.9	194.0	194.5	195.6	198.9	200.0	197.8

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CATALOG NUMBER: FFX-CLB-50-740-U-FR-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*236.9*	234.2	232.6	225.5	230.9	232.0	230.9	231.5	233.1	230.9	232.0
115°	*270.6*	273.3	273.8	252.1	252.7	249.4	246.1	245.1	240.2	244.0	256.5
117.5°	*249.9*	258.6	239.6	229.8	223.9	221.7	227.1	228.2	223.3	229.3	247.2
120°	*286.9*	290.7	251.6	232.6	232.0	241.2	255.9	260.3	254.8	266.2	286.9
122.5°	*389.6*	386.9	383.1	386.3	377.6	377.1	389.0	387.4	372.7	374.4	379.3
125°	*530.9*	529.8	522.7	515.6	509.7	512.9	508.0	502.1	491.2	489.6	489.6
127.5°	*508.0*	508.0	503.1	499.3	493.4	493.9	493.4	482.5	478.1	478.7	478.7
130°	*373.8*	374.4	389.6	403.2	399.4	401.0	391.2	388.0	402.1	415.1	415.1
132.5°	*316.8*	317.9	334.7	345.0	339.6	328.7	318.4	319.5	328.2	341.2	340.7
135°	*283.1*	285.3	286.3	285.3	282.0	279.3	278.7	281.5	283.6	292.9	295.0
137.5°	*256.5*	254.8	249.4	244.5	240.7	247.8	252.1	251.0	248.9	247.2	248.3
140°	*225.5*	223.3	215.7	214.6	216.8	220.1	221.1	222.2	222.8	221.7	221.1
142.5°	*176.0*	177.7	184.7	193.4	194.0	188.5	189.1	189.1	191.3	194.0	192.9
145°	*176.6*	177.7	180.4	186.9	186.9	182.6	180.9	182.6	187.5	192.9	192.9
147.5°	*196.7*	195.1	191.3	189.6	188.0	187.5	187.5	183.7	184.2	184.2	184.2
150°	*167.4*	166.8	164.6	163.5	163.0	162.5	165.2	164.6	165.7	164.6	164.1
152.5°	*138.0*	137.5	135.3	133.7	134.2	137.5	141.8	143.4	142.4	140.2	139.1
155°	*130.9*	131.5	128.2	127.1	127.7	129.3	130.4	130.4	128.2	125.5	125.5
157.5°	*123.9*	124.4	122.8	121.7	122.3	123.3	125.0	125.5	123.9	121.7	121.2
160°	*118.5*	117.9	117.4	117.4	117.4	117.4	117.9	118.5	117.9	117.4	116.8
162.5°	*115.7*	115.7	115.7	115.7	116.3	115.7	115.7	115.7	115.7	115.7	115.7
165°	*115.2*	115.2	115.7	116.8	117.4	116.8	116.8	116.8	117.4	118.5	118.5
167.5°	*120.1*	119.5	121.2	121.7	122.3	121.7	121.2	120.6	121.2	122.3	122.3
170°	*125.5*	126.1	126.1	126.6	126.6	126.1	125.5	126.1	125.5	126.1	126.1
172.5°	*130.9*	130.9	130.9	130.4	130.4	130.4	130.4	130.4	130.4	129.9	129.9
175°	*135.3*	135.3	135.3	135.3	134.8	135.3	135.8	135.8	135.3	135.3	134.2
177.5°	*139.1*	139.1	139.1	139.1	139.1	139.1	139.1	138.6	138.6	138.6	138.0
180°	*139.6*	139.6	139.6	139.6	139.6	139.6	139.6	139.6	139.6	139.6	139.6

Cooper Lighting Solutions Photometric Lab
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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: SP1-2501-332-1

Test Date: 03/20/2025

Luminaire Tested: FFX-CLB-100-740-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-740-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

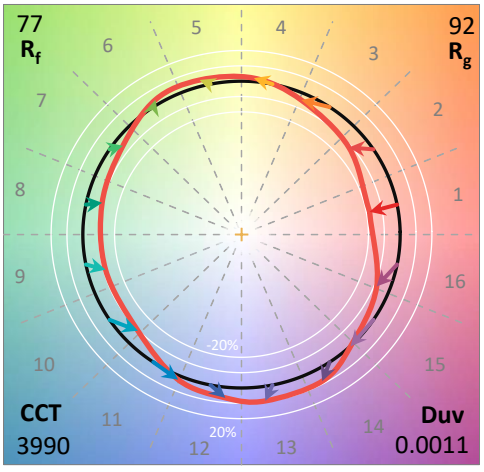
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-1
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-100-740-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3990	CRI (Ra):	73.9		
CIE u':	0.2247	R1:	69.6	R9:	-36.4
CIE v':	0.5031	R2:	83.0	R10:	60.9
Duv:	0.0011	R3:	93.1	R11:	66.8
CIE x:	0.3816	R4:	70.6	R12:	52.5
CIE y:	0.3798	R5:	70.6	R13:	72.5
CIE z:	0.2386	R6:	76.4	R14:	96.4
Peak Wavelength (nm):	450	R7:	79.8	R15:	61.3
Dominant Wavelength (nm):	578	R8:	48.1		
Purity:	28.50862				

Rf:	77.5
Rg:	91.9



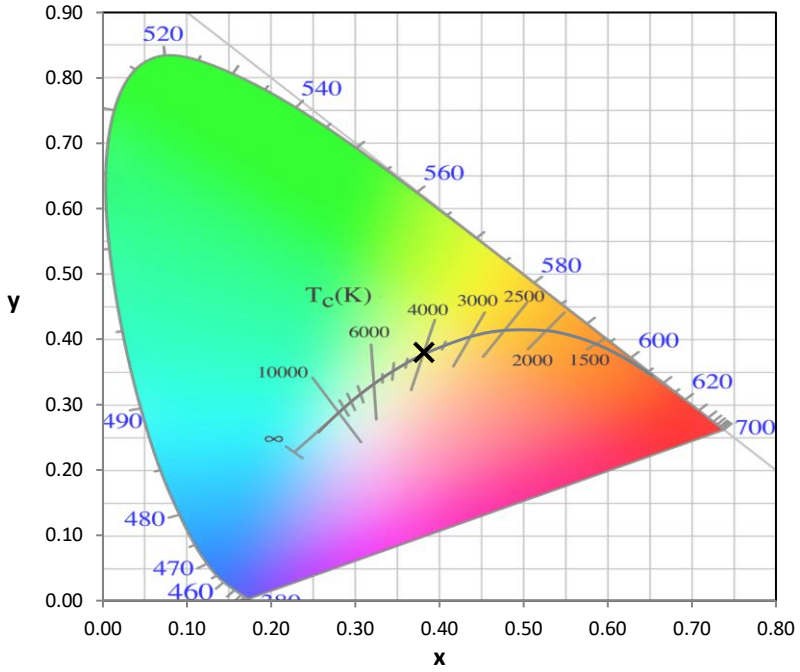
Test Conditions

Stabilization Time:	70M
Operation Time:	2H 10M
Sphere Temperature (°C):	25.0

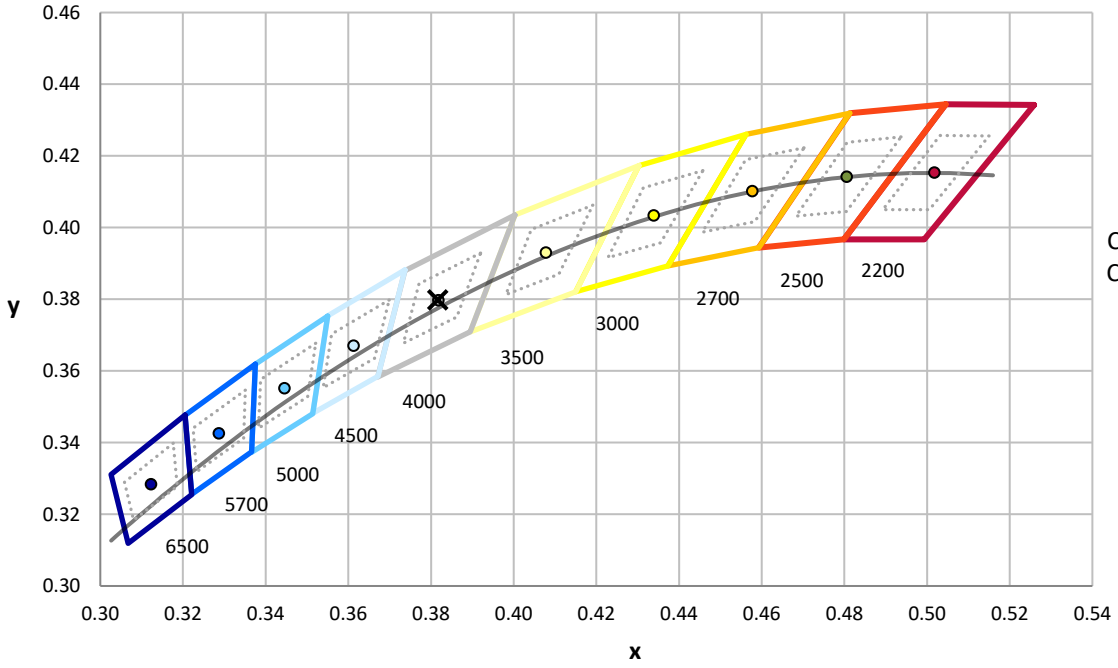
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP1-2501-332-1

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

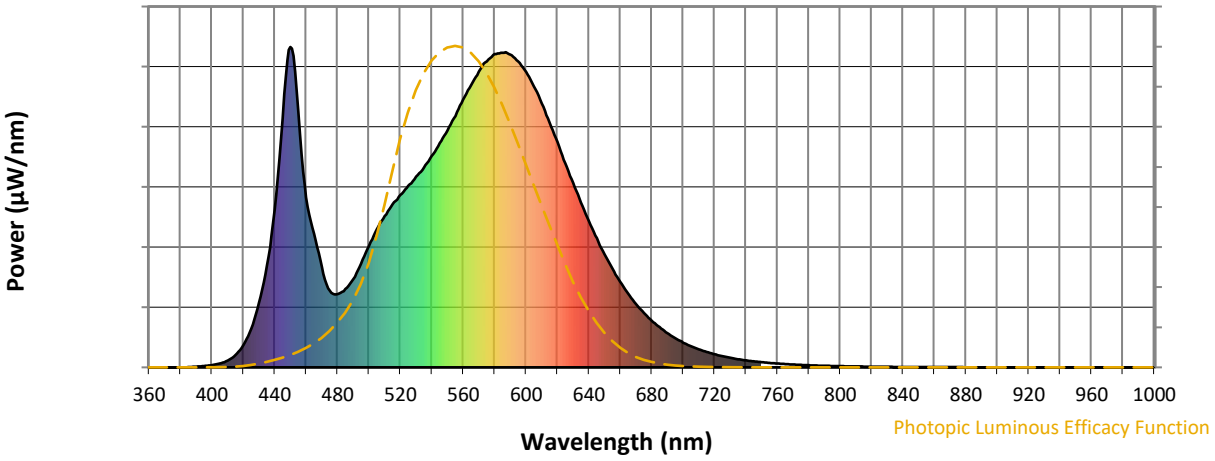


CCT = 3990K
CIE x = 0.3816
CIE y = 0.3798
Duv = 0.0011

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-1

Photopic Flux vs. Wavelength

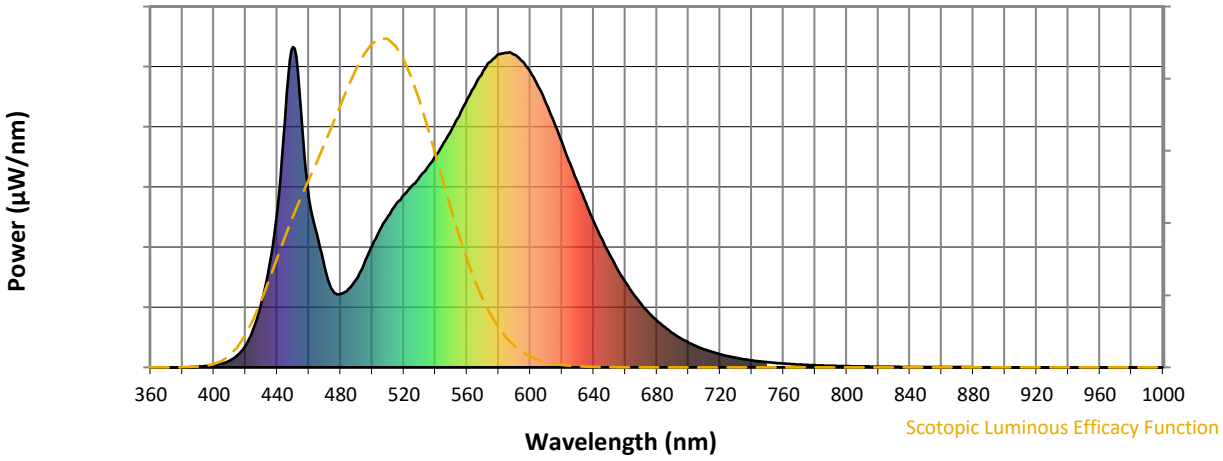


Photopic Lumens: NR

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

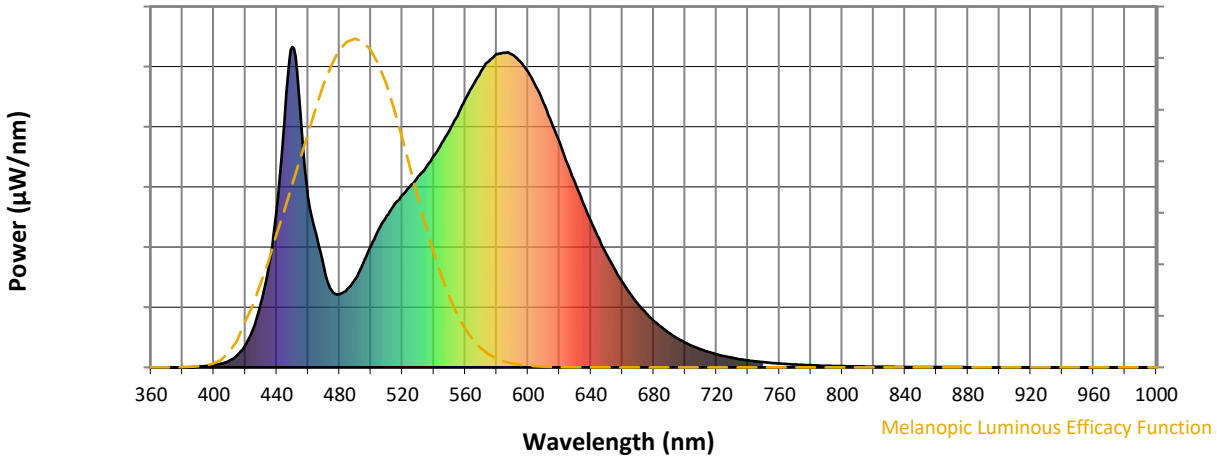


Scotopic Lumens: NR **S/P: 1.59**

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.21**

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

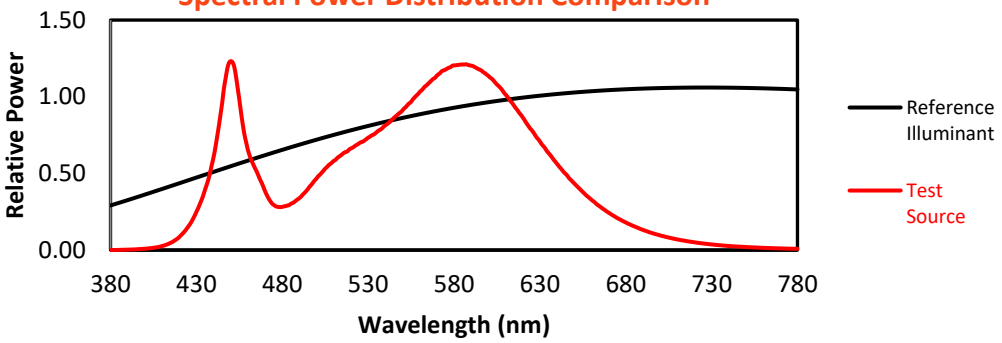
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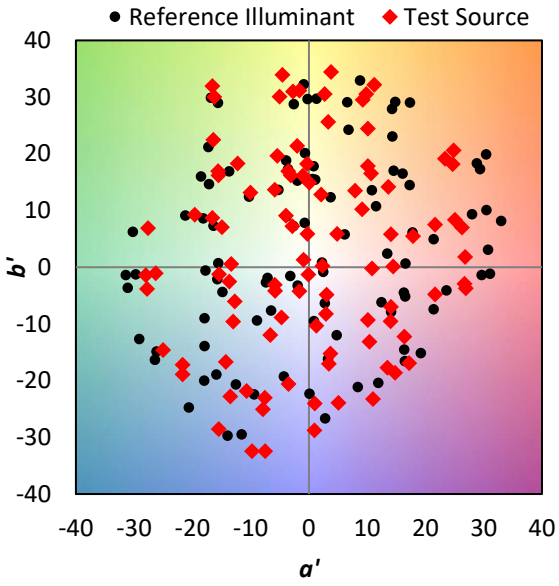
Summary

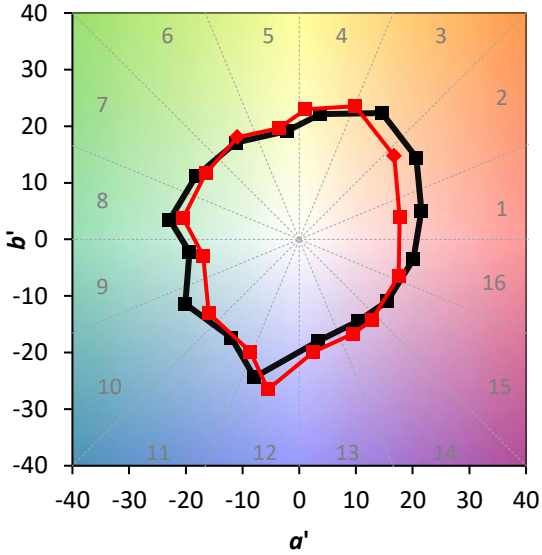
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R_g = 91.9
CIE R_a = 73.9
R_9 = -36.4

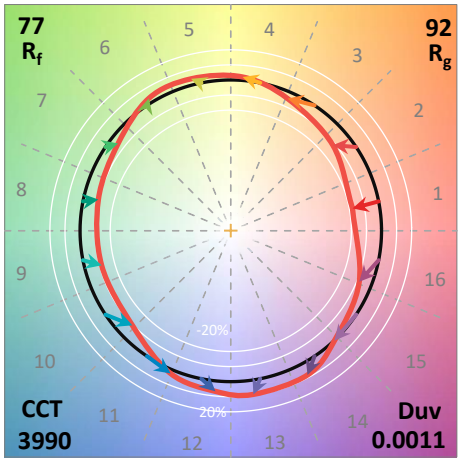
Spectral Power Distribution Comparison

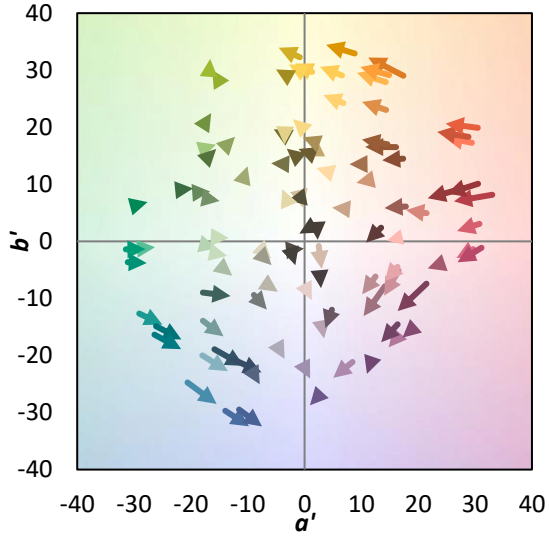


Color Vector Graphics







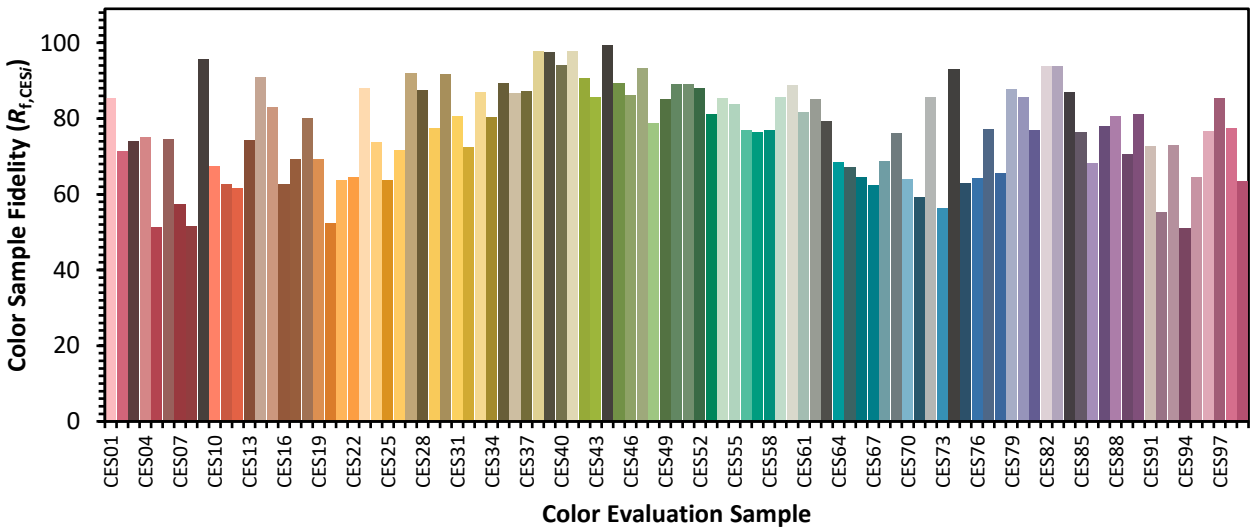


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Individual Sample Fidelity Index ($R_{f,i}$)

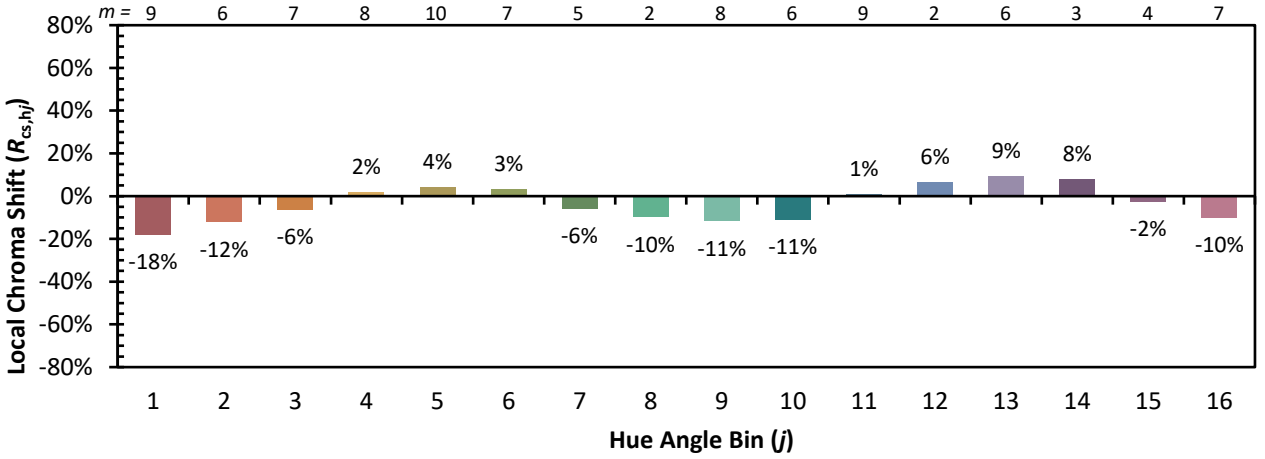
CES01 = 85	CES26 = 72	CES51 = 89	CES76 = 64
CES02 = 61	CES27 = 92	CES52 = 88	CES77 = 77
CES03 = 30	CES28 = 88	CES53 = 81	CES78 = 65
CES04 = 70	CES29 = 78	CES54 = 85	CES79 = 88
CES05 = 47	CES30 = 92	CES55 = 84	CES80 = 86
CES06 = 50	CES31 = 81	CES56 = 77	CES81 = 77
CES07 = 40	CES32 = 72	CES57 = 76	CES82 = 94
CES08 = 39	CES33 = 87	CES58 = 77	CES83 = 94
CES09 = 29	CES34 = 80	CES59 = 86	CES84 = 87
CES10 = 74	CES35 = 89	CES60 = 89	CES85 = 76
CES11 = 57	CES36 = 87	CES61 = 82	CES86 = 68
CES12 = 63	CES37 = 87	CES62 = 85	CES87 = 78
CES13 = 42	CES38 = 98	CES63 = 79	CES88 = 81
CES14 = 74	CES39 = 98	CES64 = 68	CES89 = 71
CES15 = 71	CES40 = 94	CES65 = 67	CES90 = 81
CES16 = 46	CES41 = 98	CES66 = 65	CES91 = 73
CES17 = 49	CES42 = 91	CES67 = 62	CES92 = 55
CES18 = 56	CES43 = 86	CES68 = 69	CES93 = 73
CES19 = 72	CES44 = 99	CES69 = 76	CES94 = 51
CES20 = 65	CES45 = 89	CES70 = 64	CES95 = 65
CES21 = 86	CES46 = 86	CES71 = 59	CES96 = 77
CES22 = 78	CES47 = 93	CES72 = 86	CES97 = 85
CES23 = 92	CES48 = 79	CES73 = 56	CES98 = 77
CES24 = 91	CES49 = 85	CES74 = 93	CES99 = 63
CES25 = 72	CES50 = 89	CES75 = 63	

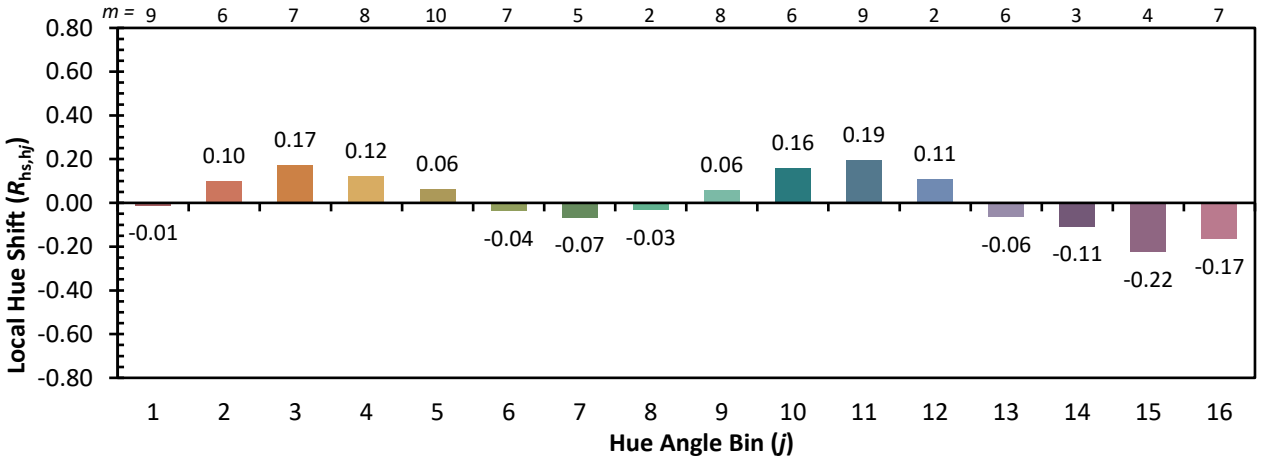


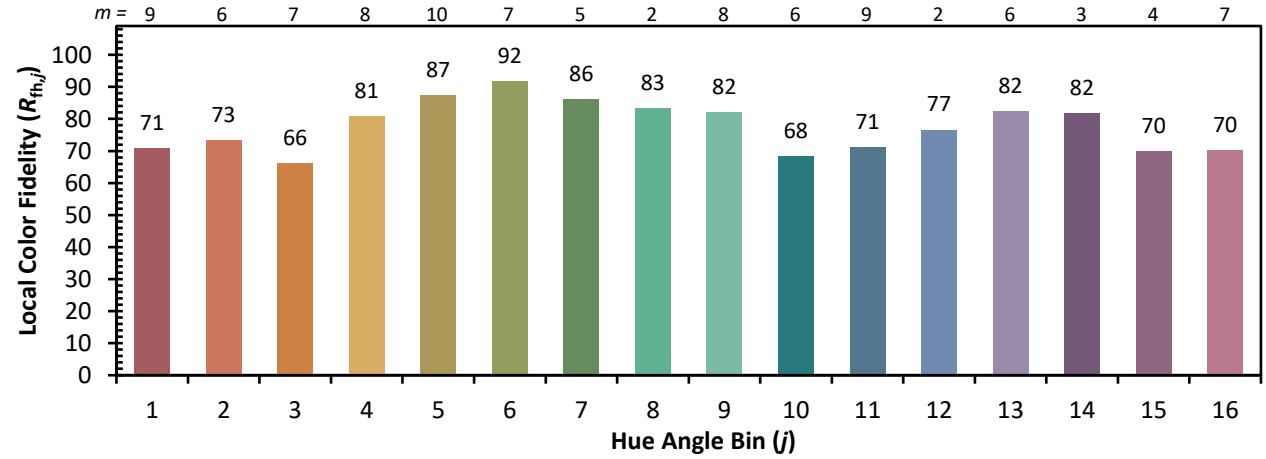
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Color Rendition by Hue-Angle Bin



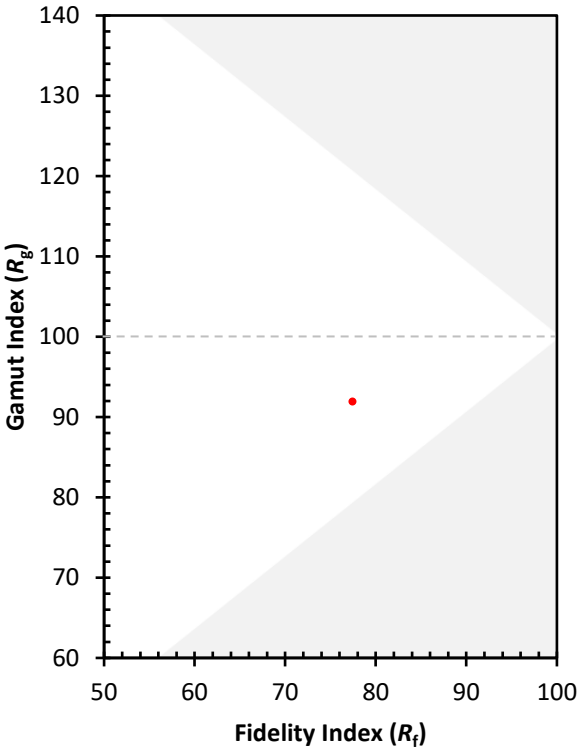


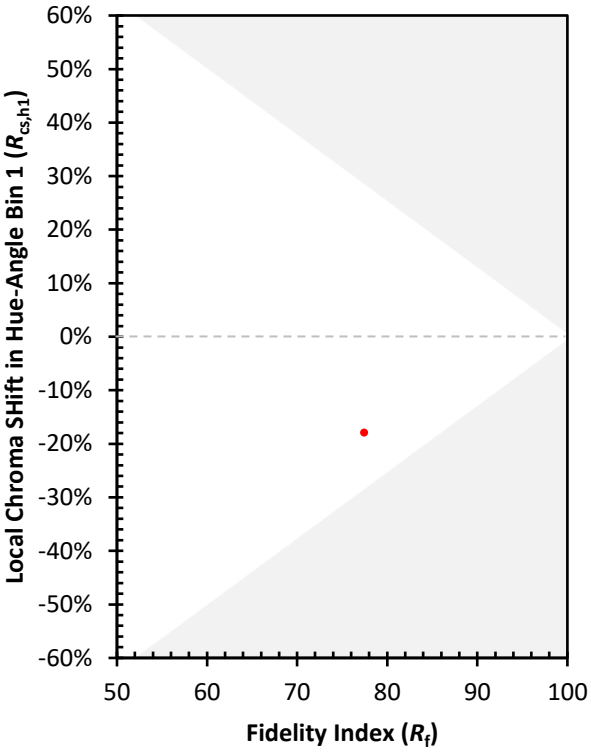


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Measure Comparisons





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