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: P981114

Luminaire Tested: **FFX-CLB-50-730-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:	P981114
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-50-730-U-FR-T5-UPLR
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS AND UPLIGHT REFLECTOR
Light Source:	(6) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7648.6 lumens
Efficiency:	N/A
Efficacy:	151.2 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B3 - U4 - 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

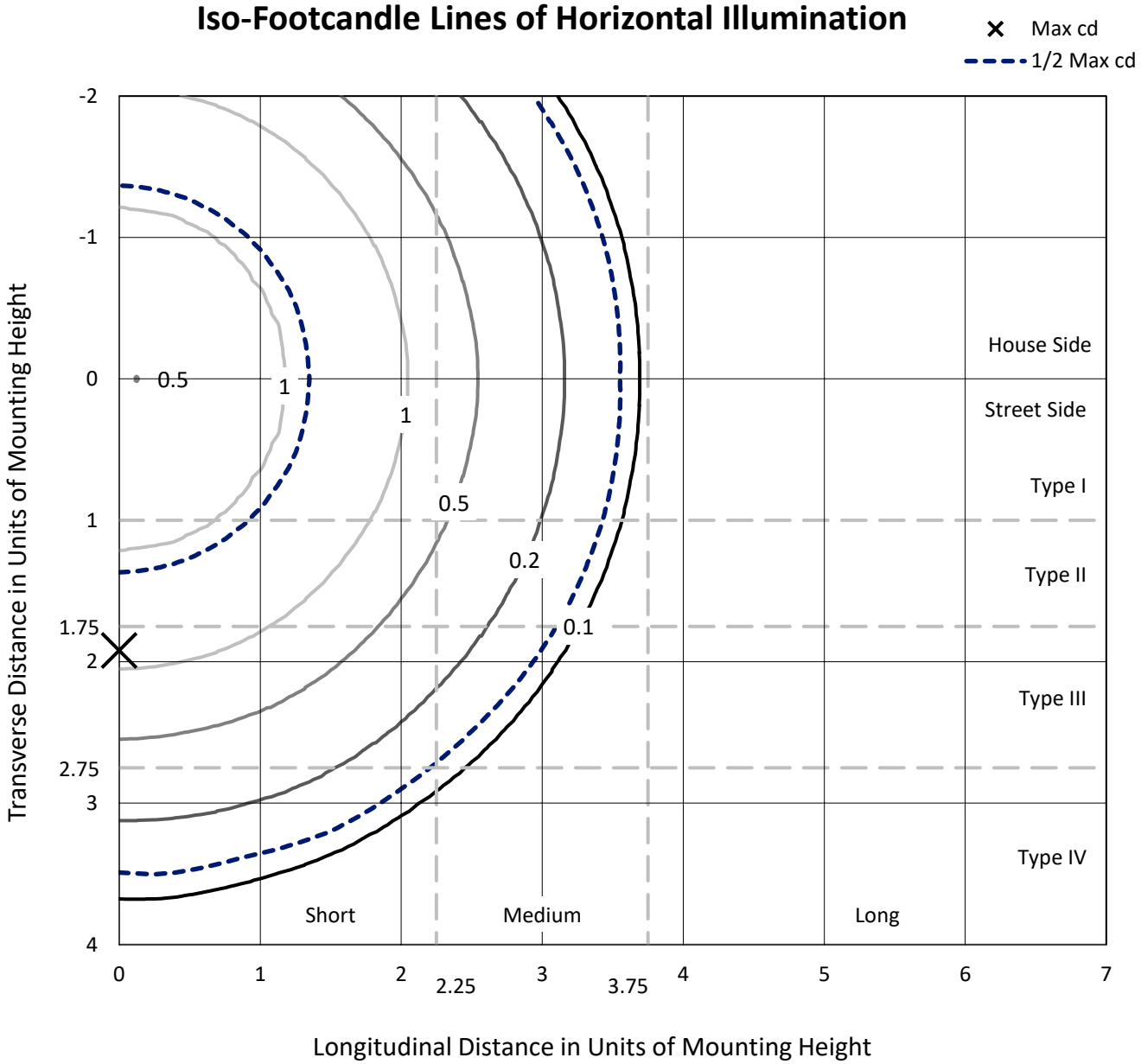


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REPORT NUMBER: P981114
CATALOG NUMBER: FFX-CLB-50-730-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



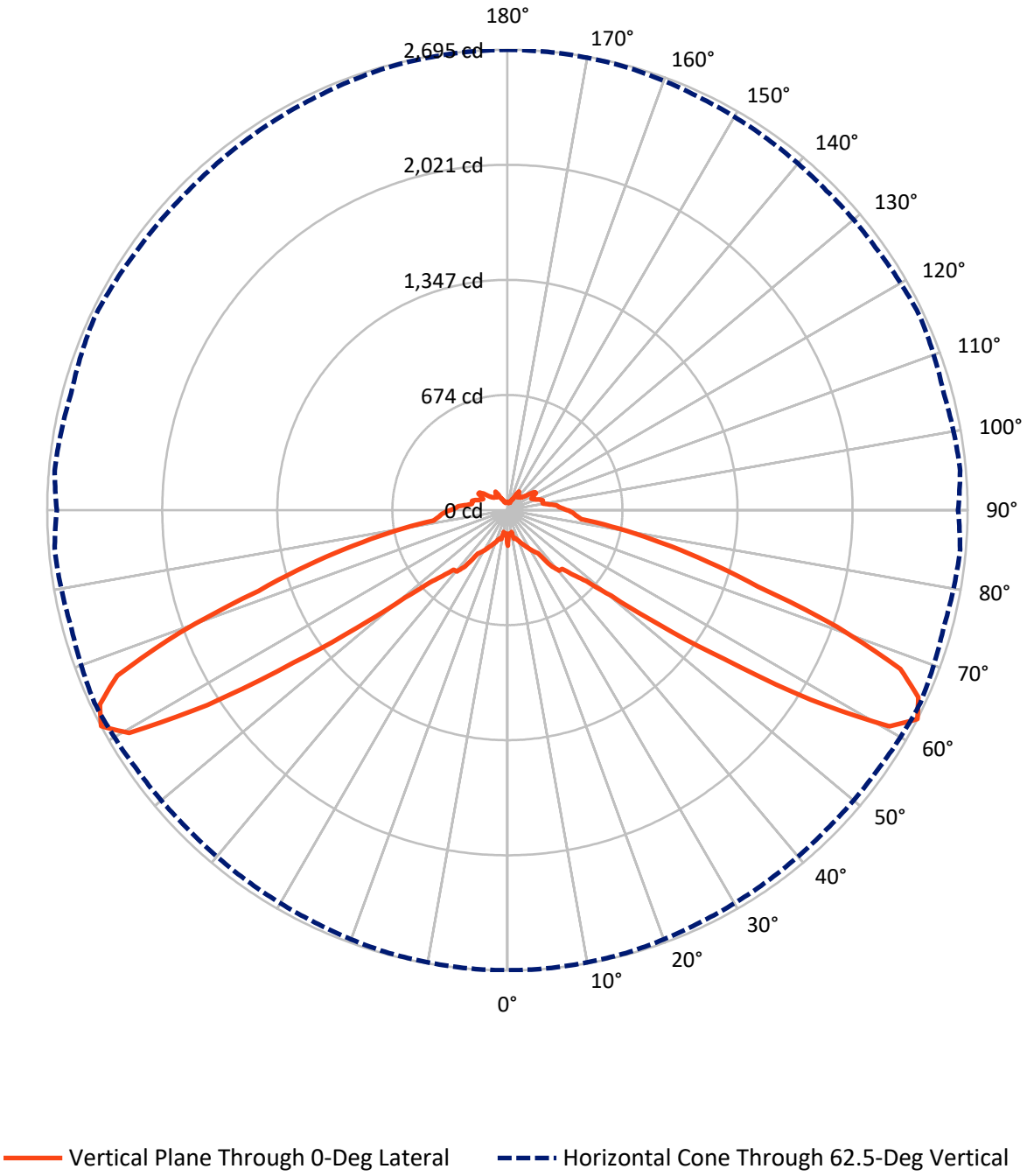
Based on 15 foot mounting height. Maximum calculated value = 1.5 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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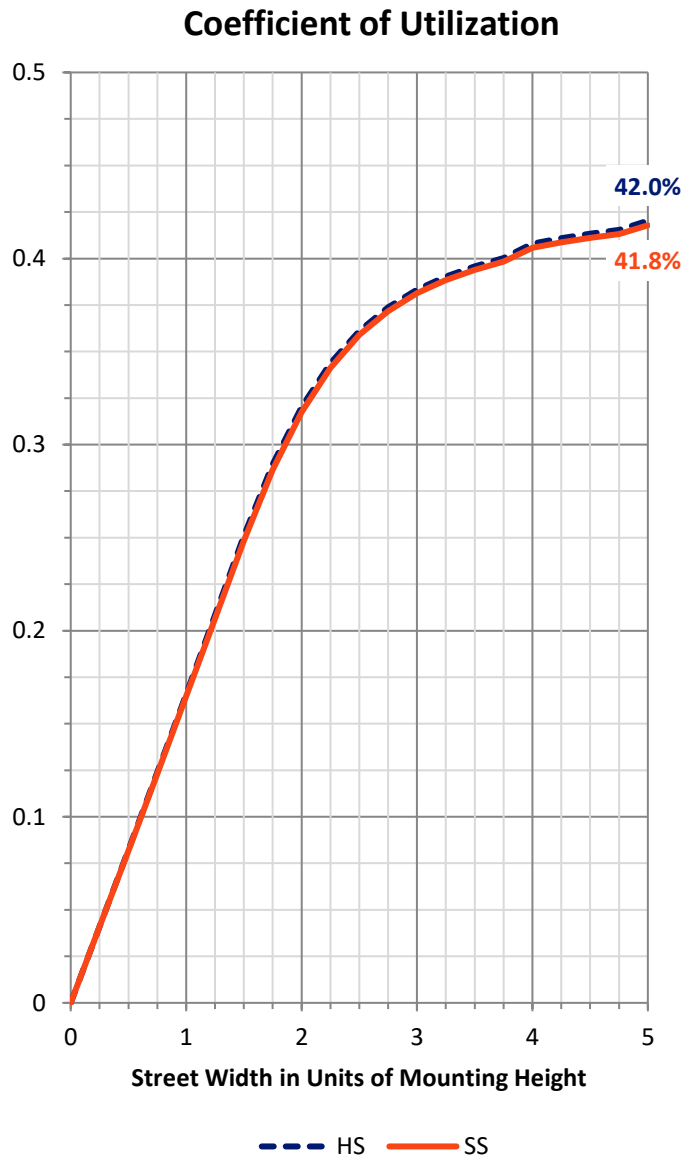
REPORT NUMBER: P981114
CATALOG NUMBER: FFX-CLB-50-730-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3329.0	495.3	3824.3
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	3329.0	495.3	3824.3
	% Fixture	43.5	6.5	50.0
Total	Lumens	6658.0	990.6	7648.6
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.0	0.2
10°-20°	48.5	0.6
20°-30°	106.3	1.4
30°-40°	218.4	2.9
40°-50°	451.1	5.9
50°-60°	1473.2	19.3
60°-70°	2484.0	32.5
70°-80°	1352.1	17.7
80°-90°	511.3	6.7
90°-100°	310.8	4.1
100°-110°	196.1	2.6
110°-120°	149.1	1.9
120°-130°	127.5	1.7
130°-140°	85.7	1.1
140°-150°	70.5	0.9
150°-160°	33.3	0.4
160°-170°	13.2	0.2
170°-180°	4.4	0.1
0°-90°	6658.0	87.0
0°-180°	7648.6	100.0



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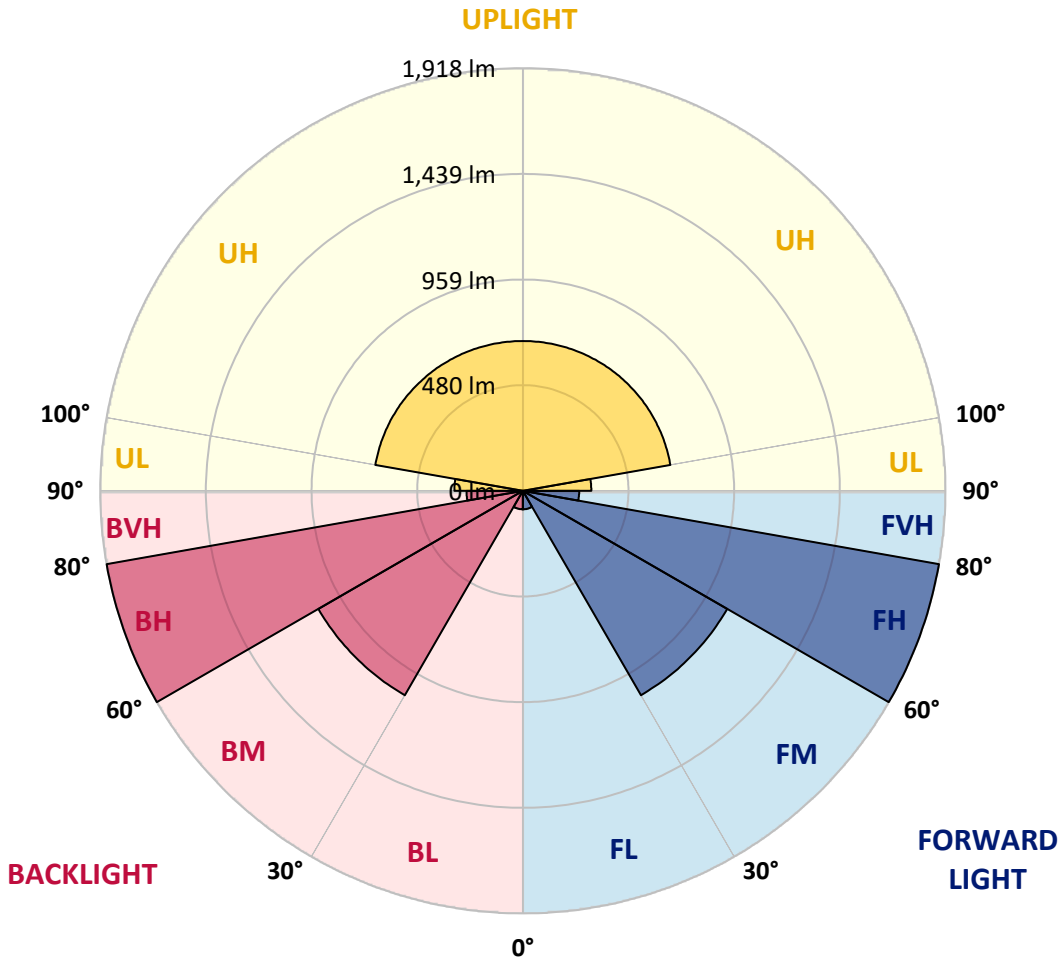
Scaled Data Report

REPORT NUMBER: P981114
CATALOG NUMBER: FFX-CLB-50-730-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°)	83.9	1.1			
FM	(30°-60°)	1071.4	14.0			
FH	(60°-80°)	1918.0	25.1			G2/5000
FVH	(80°-90°)	255.7	3.3			G3/500
BL	(0°-30°)	83.9	1.1	B0/110		
BM	(30°-60°)	1071.4	14.0	B2/2500		
BH	(60°-80°)	1918.0	25.1	B3/2500		G2/5000
BVH	(80°-90°)	255.7	3.3			G3/500
UL	(90°-100°)	310.8	4.1		U3/500	
UH	(100°-180°)	679.8	8.9		U4/1000	

BUG Rating: B3-U4-G3
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	208.3	208.3	208.3	208.3	208.3	208.3	208.3	208.3	208.3	208.3	208.3
2.5°	138.7	144.2	175.0	200.2	199.7	182.0	159.4	161.4	175.0	187.1	190.1
5°	139.7	137.7	136.2	130.1	128.1	131.1	129.1	123.0	120.5	121.0	130.6
7.5°	145.2	142.7	128.1	117.0	115.5	122.0	136.2	136.2	121.0	109.4	108.9
10°	130.6	130.1	135.1	140.2	141.7	135.7	129.6	126.6	125.6	124.6	123.5
12.5°	172.5	170.4	159.9	153.3	152.3	155.3	159.9	158.3	150.8	146.7	146.7
15°	171.5	172.5	174.0	171.5	171.0	171.5	174.0	172.5	169.9	166.9	166.9
17.5°	181.0	181.5	182.0	183.1	182.0	180.5	180.5	180.0	180.5	181.5	181.5
20°	195.7	196.2	196.2	196.2	195.7	192.6	192.6	193.1	192.6	193.6	193.1
22.5°	211.8	211.3	211.3	211.3	209.8	207.3	206.8	207.3	205.7	205.7	205.7
25°	227.4	228.4	230.0	229.4	226.9	224.9	223.4	223.9	222.9	222.9	222.9
27.5°	247.1	246.1	249.1	248.1	245.6	245.6	244.1	244.1	242.6	242.1	241.6
30°	269.3	268.8	268.8	269.3	268.3	267.3	267.3	266.3	263.7	264.2	265.3
32.5°	291.0	290.5	289.5	290.0	289.5	287.9	290.5	290.5	289.5	290.0	293.0
35°	312.2	315.2	322.2	327.3	328.8	328.3	330.3	333.8	331.3	329.8	331.3
37.5°	413.0	411.0	403.4	398.9	399.9	402.4	396.9	392.8	390.3	389.8	392.3
40°	466.0	463.9	452.8	453.9	446.3	448.8	451.3	454.9	452.3	446.8	446.8
42.5°	470.5	471.0	486.6	510.3	503.3	488.1	474.0	481.1	491.7	498.2	500.8
45°	540.1	546.6	546.6	548.2	548.7	549.2	539.1	543.6	552.2	562.8	562.3
47.5°	620.3	624.3	626.8	629.9	628.3	629.9	643.0	639.4	649.0	648.0	647.0
50°	788.2	805.3	808.4	820.0	812.9	814.4	838.6	840.6	840.6	839.1	841.1
52.5°	1118.5	1133.6	1131.1	1105.4	1118.0	1140.7	1166.9	1148.3	1175.0	1161.9	1155.8
55°	1538.1	1538.6	1555.2	1591.0	1607.7	1590.0	1604.1	1569.3	1627.8	1634.9	1617.2
57.5°	2094.8	2105.4	2108.9	2118.0	2104.9	2102.9	2112.9	2091.3	2118.5	2091.8	2102.4
60°	2570.8	2557.2	2518.4	2463.4	2469.5	2491.2	2530.5	2516.9	2497.7	2460.4	2451.8
62.5°	2694.9	2692.9	2684.8	2664.6	2652.5	2643.0	2648.0	2668.7	2644.5	2661.1	2638.9
65°	2644.0	2642.4	2650.0	2667.7	2654.6	2622.3	2594.0	2627.8	2612.7	2668.2	2652.0
67.5°	2481.1	2474.5	2467.0	2499.7	2479.1	2432.7	2412.0	2415.0	2405.9	2461.4	2445.3
70°	2046.4	2035.8	2049.9	2101.9	2072.1	2030.8	2007.0	2017.1	2019.7	2055.0	2060.5
72.5°	1533.5	1546.6	1560.8	1595.6	1588.5	1565.8	1578.9	1594.0	1608.7	1621.8	1616.2
75°	1213.8	1229.4	1201.2	1218.3	1212.3	1229.9	1242.1	1249.1	1247.6	1234.0	1227.9
77.5°	922.8	935.4	928.9	923.8	928.4	946.0	984.4	979.8	958.1	934.9	939.5
80°	663.6	685.8	688.3	686.3	695.9	698.4	730.7	722.1	704.5	704.0	709.0
82.5°	434.7	444.8	476.5	504.8	512.4	499.7	520.9	529.0	533.5	534.0	532.5
85°	402.4	413.5	405.9	421.1	424.6	428.1	431.7	434.7	439.7	444.3	446.3
87.5°	380.2	398.4	397.4	407.5	406.5	413.5	420.1	422.1	416.0	409.5	407.5
90°	339.9	354.5	360.1	366.1	369.1	368.1	373.7	373.7	369.6	366.6	365.6
92.5°	305.1	313.2	318.2	325.8	327.8	326.8	332.3	329.8	330.3	331.3	332.3
95°	288.5	292.0	290.5	293.5	289.5	285.9	287.9	284.9	283.4	280.9	280.9
97.5°	241.0	240.5	240.5	241.6	239.5	236.5	238.0	237.5	238.0	238.0	236.0
100°	211.3	210.8	207.8	207.3	206.8	205.7	204.2	204.7	204.7	204.2	204.7
102.5°	210.8	206.3	199.7	192.6	192.6	191.1	191.6	191.1	190.6	187.6	186.1
105°	214.8	207.8	196.7	182.6	180.5	181.0	182.6	182.0	180.0	177.0	175.0
107.5°	198.7	190.6	184.1	175.0	172.5	172.0	173.0	173.5	171.5	167.4	164.4
110°	176.0	173.0	169.9	166.4	163.9	163.4	163.4	163.4	161.4	159.9	156.3

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CATALOG NUMBER: FFX-CLB-50-730-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*165.9*	162.4	158.8	155.8	154.3	153.8	152.8	151.8	150.3	148.8	146.7
115°	*156.3*	156.3	153.8	142.7	140.2	139.7	139.2	139.2	139.2	139.2	138.7
117.5°	*169.4*	167.9	158.3	144.2	139.7	137.2	135.1	136.2	135.7	139.2	138.2
120°	*194.1*	183.1	162.4	152.3	148.3	146.2	146.7	147.3	146.7	145.7	143.7
122.5°	*192.1*	180.0	167.4	159.9	155.3	154.8	156.8	156.3	151.8	144.7	139.2
125°	*168.9*	162.4	154.8	147.8	145.2	144.2	145.2	143.7	140.7	137.2	131.6
127.5°	*131.1*	130.1	126.1	123.0	123.5	125.1	127.6	127.6	126.1	124.1	121.0
130°	*117.5*	116.5	117.0	118.0	117.5	117.5	115.0	113.0	116.5	119.5	118.0
132.5°	*108.4*	108.9	114.0	121.5	120.0	116.0	109.9	108.9	114.5	120.5	120.0
135°	*104.4*	104.9	108.9	116.5	114.5	109.4	106.9	107.4	110.4	113.5	113.0
137.5°	*104.4*	104.4	103.4	105.9	105.9	105.9	105.4	106.9	108.9	108.9	107.4
140°	*102.9*	103.9	100.9	101.4	102.9	104.4	104.9	106.9	107.4	106.9	104.9
142.5°	*94.3*	95.3	98.3	102.4	103.4	104.4	107.4	106.9	106.9	106.9	105.9
145°	*116.0*	116.0	118.5	122.0	120.5	118.5	119.5	120.0	121.0	122.0	121.0
147.5°	*128.1*	128.1	125.1	124.1	121.5	121.5	124.6	124.1	123.5	122.5	123.0
150°	*105.9*	105.4	102.9	101.9	101.9	100.9	102.4	102.4	100.9	99.8	100.4
152.5°	*75.6*	76.1	75.1	76.1	77.7	79.2	80.7	81.7	81.7	81.7	80.7
155°	*68.6*	67.6	67.1	68.1	68.6	68.1	67.1	67.1	67.1	66.1	65.6
157.5°	*59.5*	59.0	58.5	59.0	59.0	59.5	60.0	60.5	60.5	59.5	59.0
160°	*51.4*	51.4	51.4	51.9	51.9	51.4	50.9	51.4	52.4	52.4	52.4
162.5°	*46.4*	46.9	47.4	48.4	48.4	47.4	46.4	46.4	47.4	48.4	48.4
165°	*42.9*	42.9	43.9	45.9	46.4	44.9	43.4	43.4	44.9	46.9	47.4
167.5°	*42.9*	43.4	44.9	46.4	45.9	44.4	42.9	42.9	44.4	45.9	45.9
170°	*45.9*	45.9	45.4	44.9	44.4	44.4	44.4	44.9	45.4	44.9	44.9
172.5°	*48.4*	47.9	46.4	44.9	44.4	45.9	46.9	46.4	45.9	44.9	44.9
175°	*49.4*	48.9	47.9	46.9	46.9	47.9	48.4	47.4	46.4	45.9	45.4
177.5°	*44.4*	44.4	43.9	43.9	44.4	43.9	43.9	43.9	43.4	42.9	42.4
180°	*38.3*	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3

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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: SP1-2501-332-4

Test Date: 03/21/2025

Luminaire Tested: FFX-CLB-100-730-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-730-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

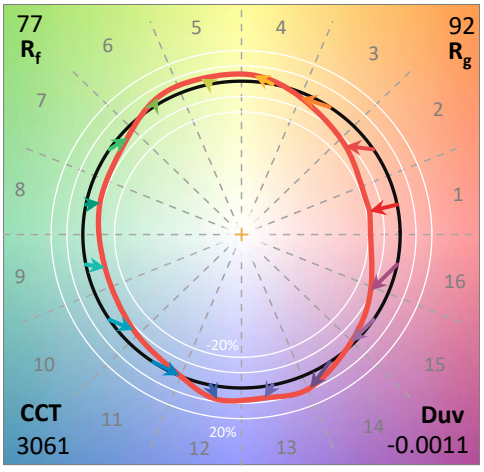
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-4
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-100-730-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3061	CRI (Ra):	71.7		
CIE u':	0.2489	R1:	67.8	R9:	-40.3
CIE v':	0.5187	R2:	85.0	R10:	67.2
Duv:	-0.0011	R3:	92.9	R11:	61.6
CIE x:	0.4312	R4:	66.0	R12:	59.9
CIE y:	0.3995	R5:	68.5	R13:	71.4
CIE z:	0.1693	R6:	80.2	R14:	96.3
Peak Wavelength (nm):	592	R7:	74.5	R15:	58.8
Dominant Wavelength (nm):	582	R8:	39.0		
Purity:	49.32381				

Rf:	76.8
Rg:	92.2



Test Conditions

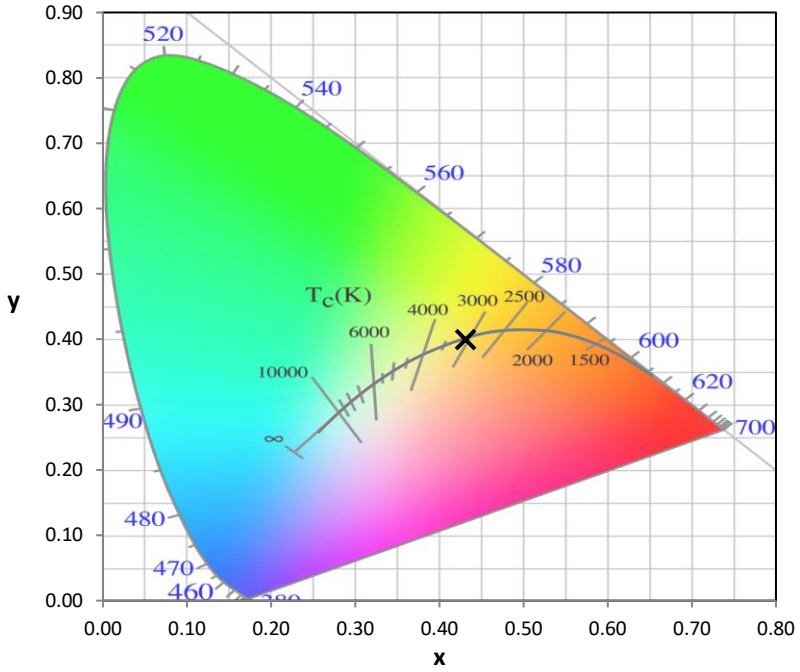
Stabilization Time:	56M
Operation Time:	1H 56M
Sphere Temperature (°C):	24.8

REPORT NUMBER: SP1-2501-332-4

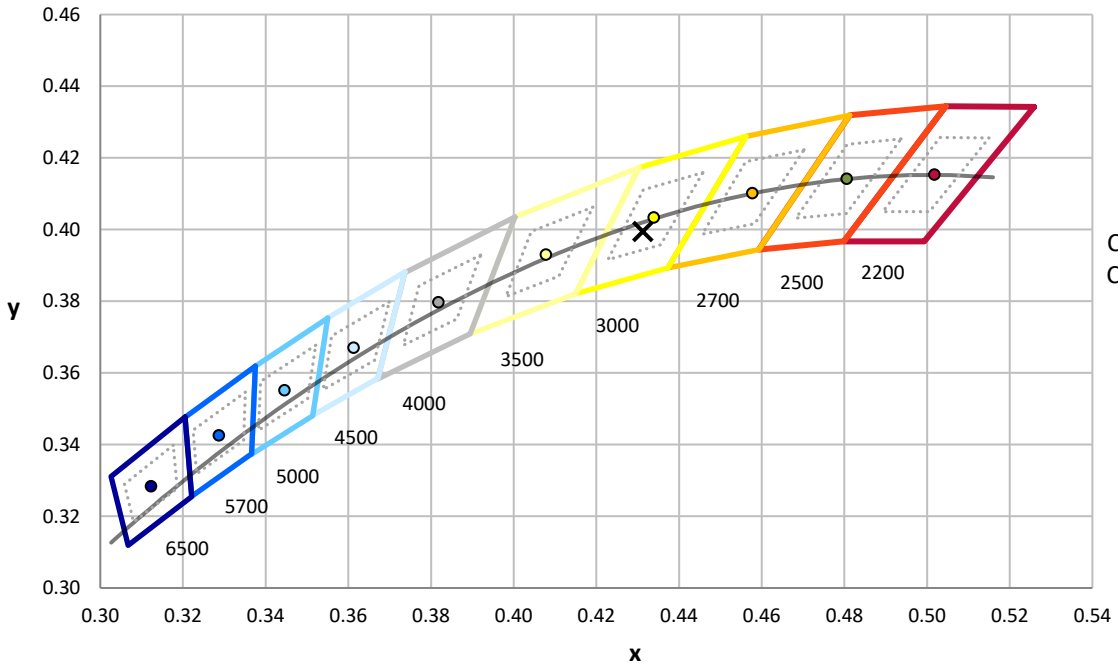
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-4

CIE 1931 Chromaticity Diagram



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

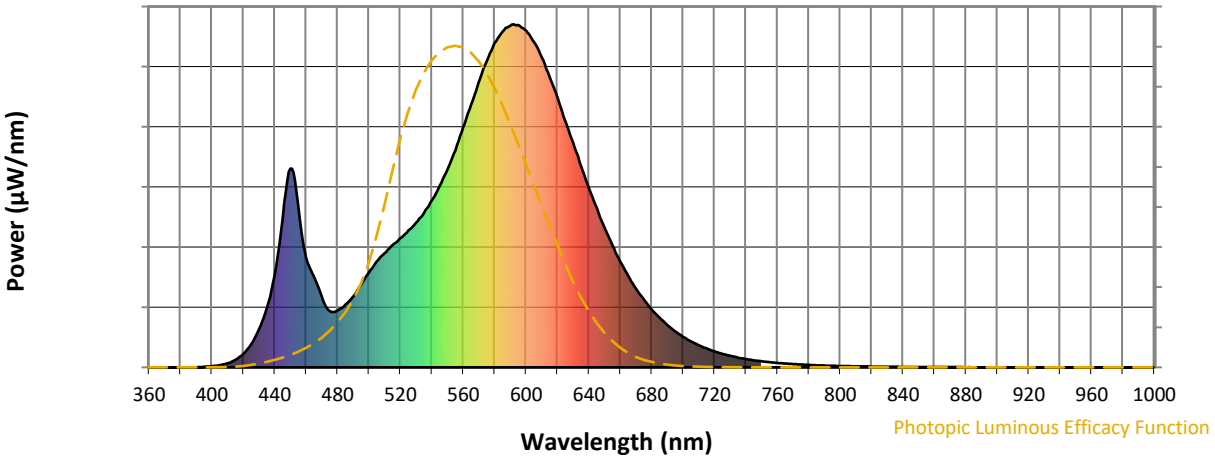


CCT = 3061K
CIE x = 0.4312
CIE y = 0.3995
Duv = -0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-4

Photopic Flux vs. Wavelength

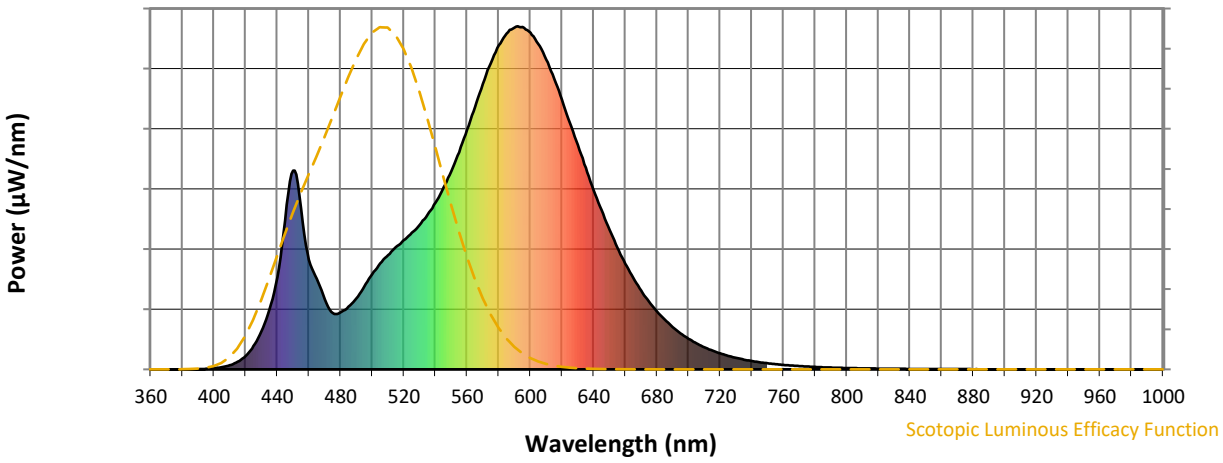


Photopic Lumens: NR

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

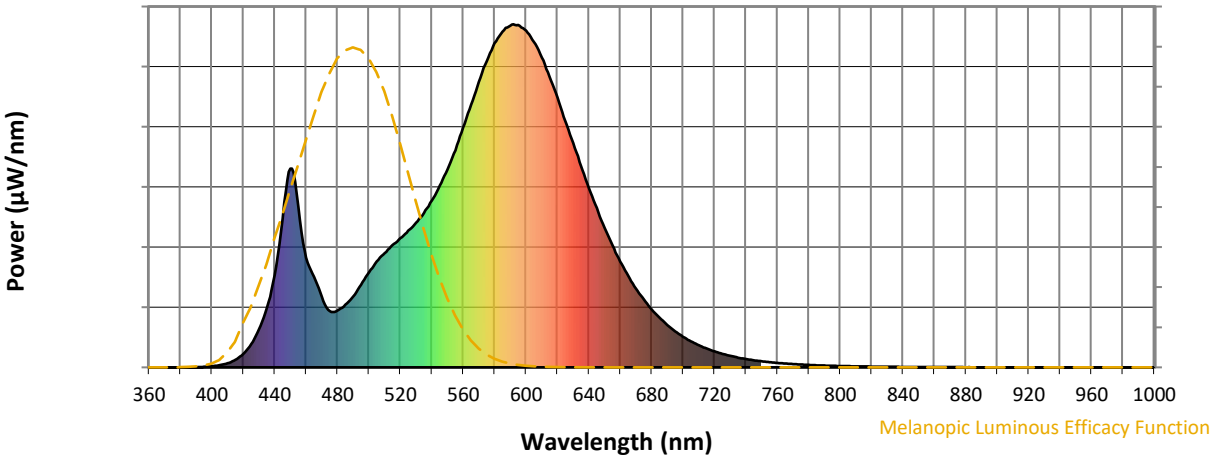


Scotopic Lumens: NR **S/P: 1.29**

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.47**

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

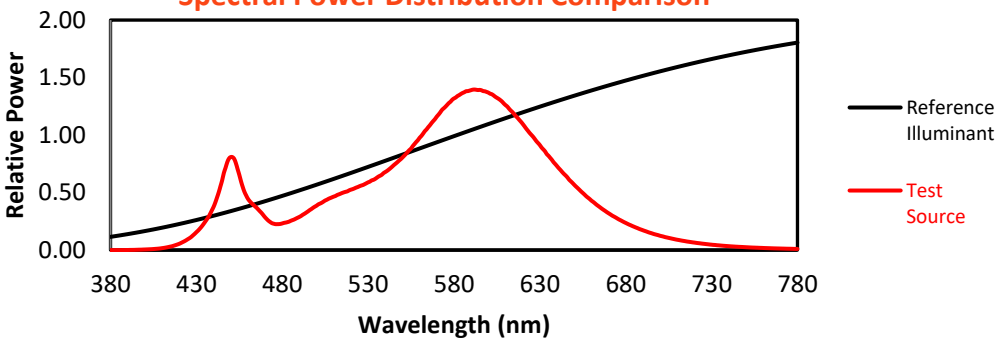
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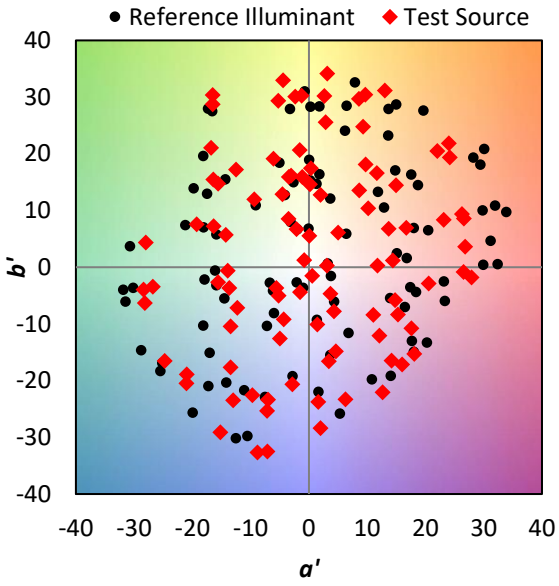
Summary

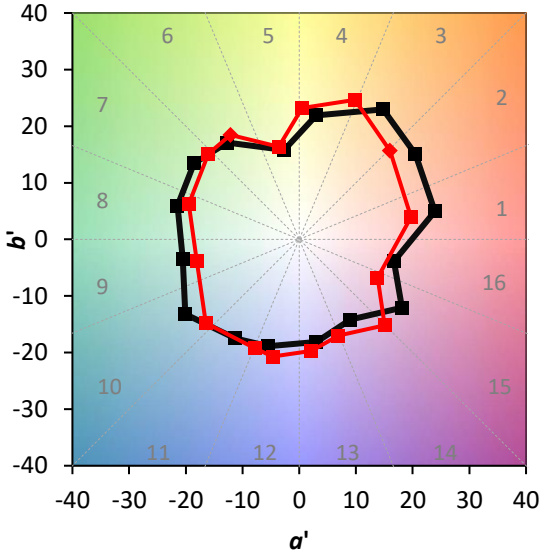
R_f = 76.8
R_g = 92.2
CIE R_a = 71.7
R_9 = -40.3

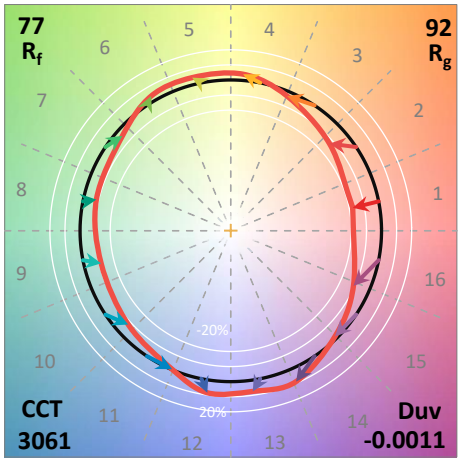
Spectral Power Distribution Comparison

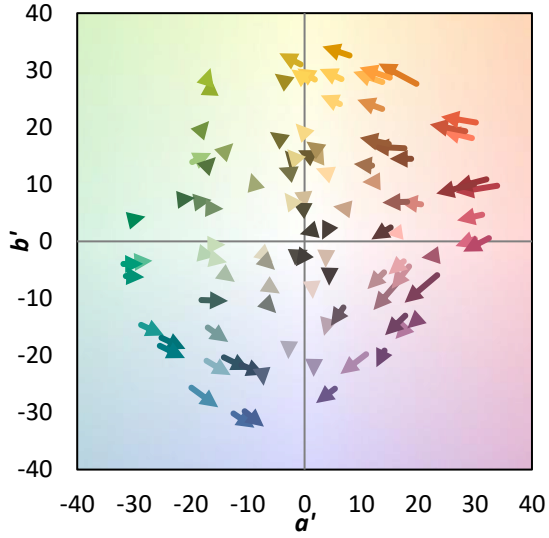


Color Vector Graphics







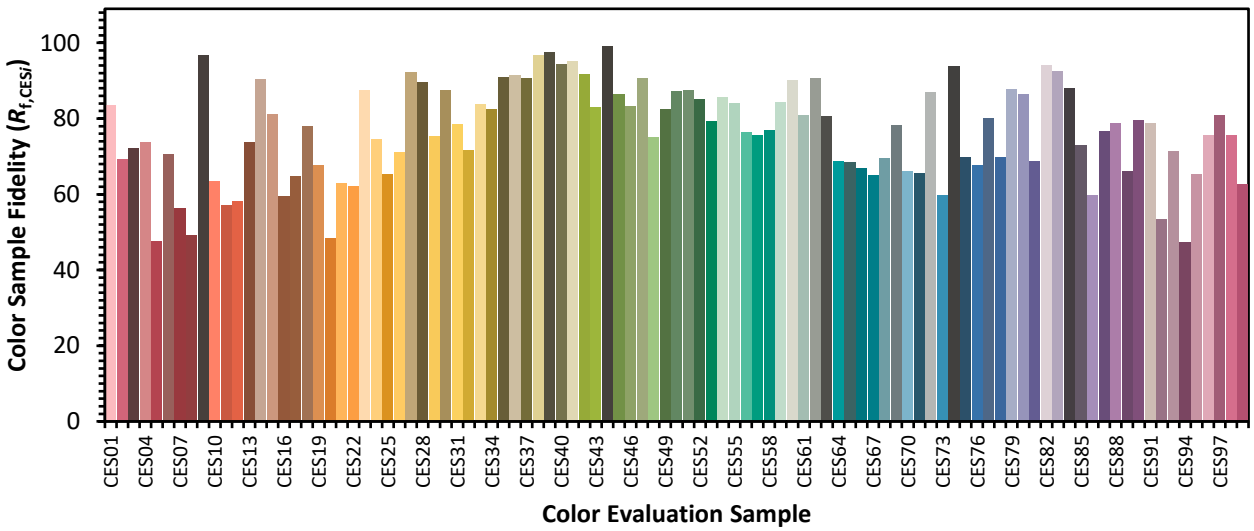


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Individual Sample Fidelity Index ($R_{f,i}$)

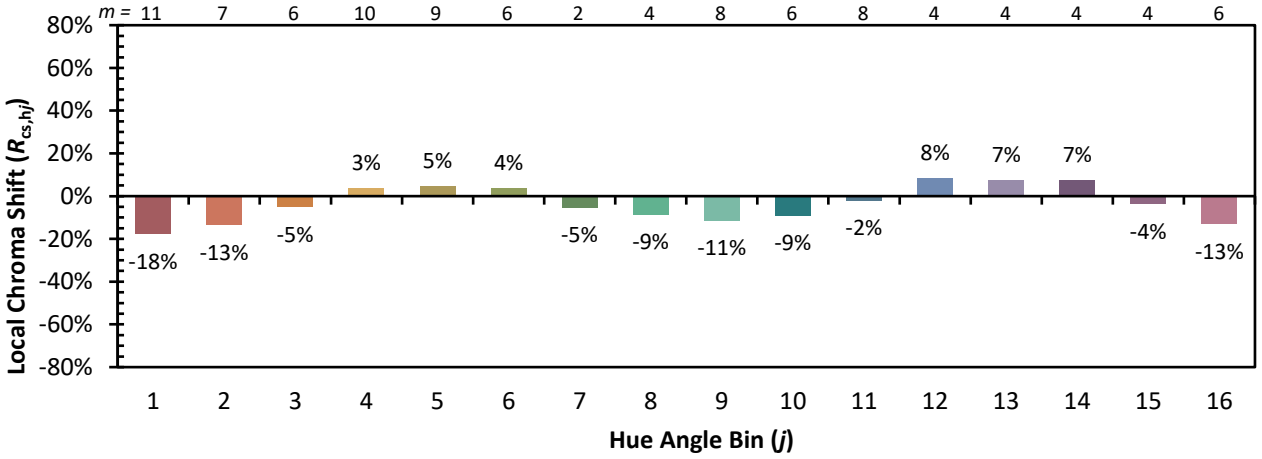
CES01 = 86	CES26 = 71	CES51 = 88	CES76 = 68
CES02 = 62	CES27 = 92	CES52 = 85	CES77 = 80
CES03 = 31	CES28 = 90	CES53 = 79	CES78 = 70
CES04 = 71	CES29 = 75	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 79	CES56 = 76	CES81 = 69
CES07 = 41	CES32 = 72	CES57 = 76	CES82 = 94
CES08 = 40	CES33 = 84	CES58 = 77	CES83 = 92
CES09 = 29	CES34 = 83	CES59 = 84	CES84 = 88
CES10 = 76	CES35 = 91	CES60 = 90	CES85 = 73
CES11 = 59	CES36 = 92	CES61 = 81	CES86 = 60
CES12 = 65	CES37 = 91	CES62 = 91	CES87 = 77
CES13 = 43	CES38 = 97	CES63 = 81	CES88 = 79
CES14 = 74	CES39 = 98	CES64 = 69	CES89 = 66
CES15 = 71	CES40 = 94	CES65 = 69	CES90 = 80
CES16 = 47	CES41 = 95	CES66 = 67	CES91 = 79
CES17 = 50	CES42 = 92	CES67 = 65	CES92 = 53
CES18 = 56	CES43 = 83	CES68 = 70	CES93 = 71
CES19 = 73	CES44 = 99	CES69 = 78	CES94 = 47
CES20 = 66	CES45 = 87	CES70 = 66	CES95 = 65
CES21 = 87	CES46 = 83	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 91	CES72 = 87	CES97 = 81
CES23 = 92	CES48 = 75	CES73 = 60	CES98 = 76
CES24 = 91	CES49 = 83	CES74 = 94	CES99 = 63
CES25 = 73	CES50 = 87	CES75 = 70	

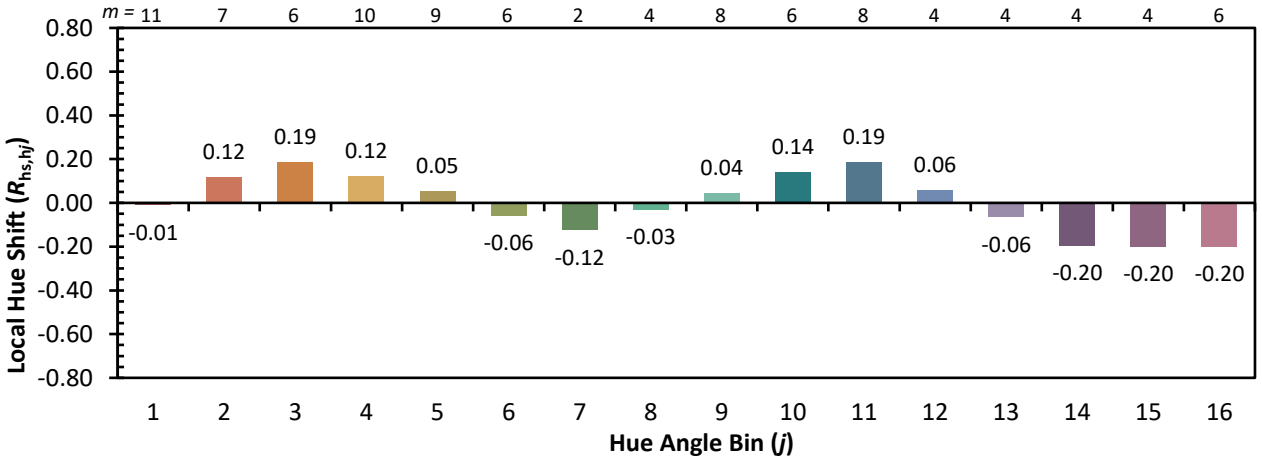


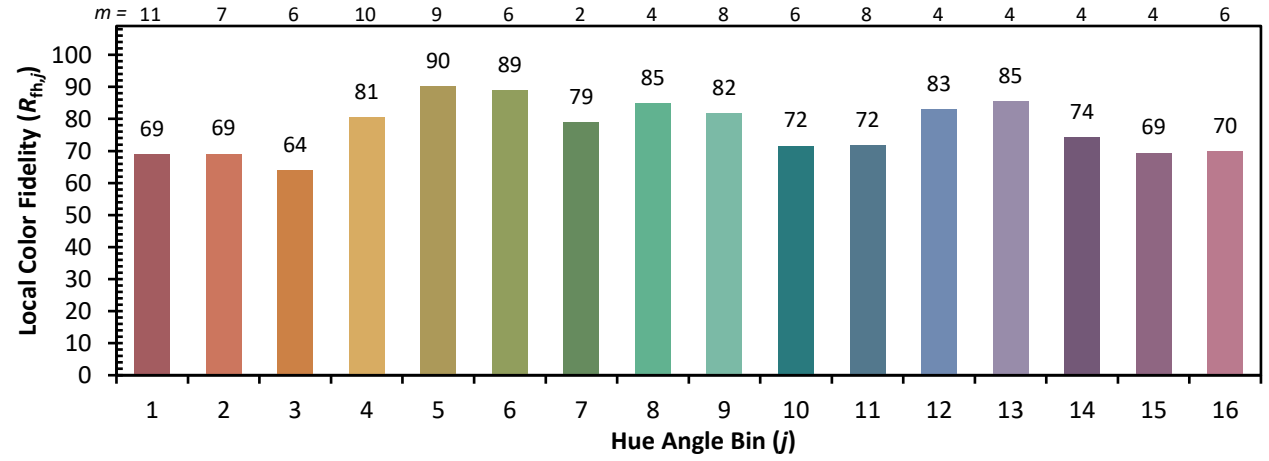
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Color Rendition by Hue-Angle Bin



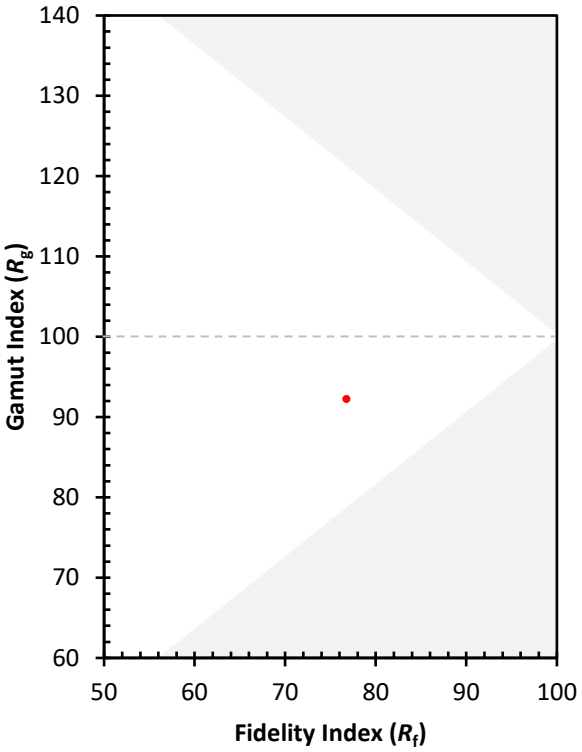


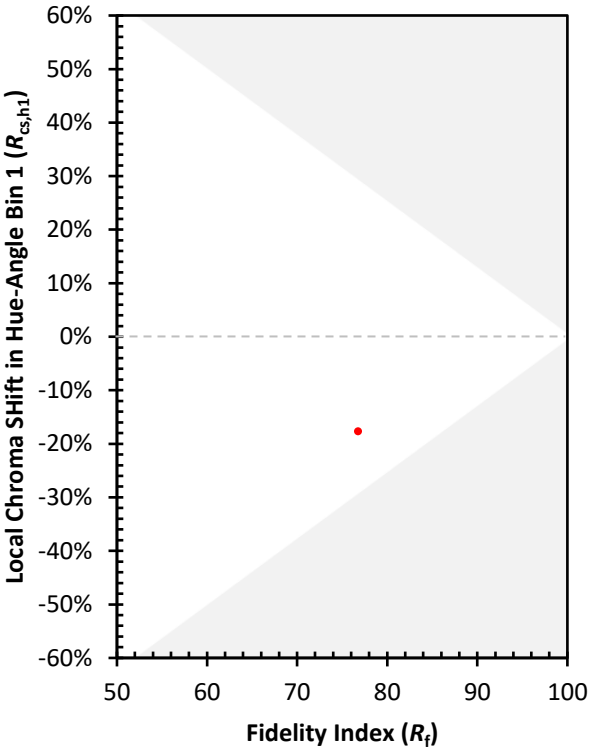


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Measure Comparisons





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