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: P981065

Luminaire Tested: **FFX-CLB-90-730-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:	P981065
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-90-730-U-FR-T5
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS
Light Source:	(6) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14360.6 lumens
Efficiency:	N/A
Efficacy:	158.5 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B4 - U5 - G3

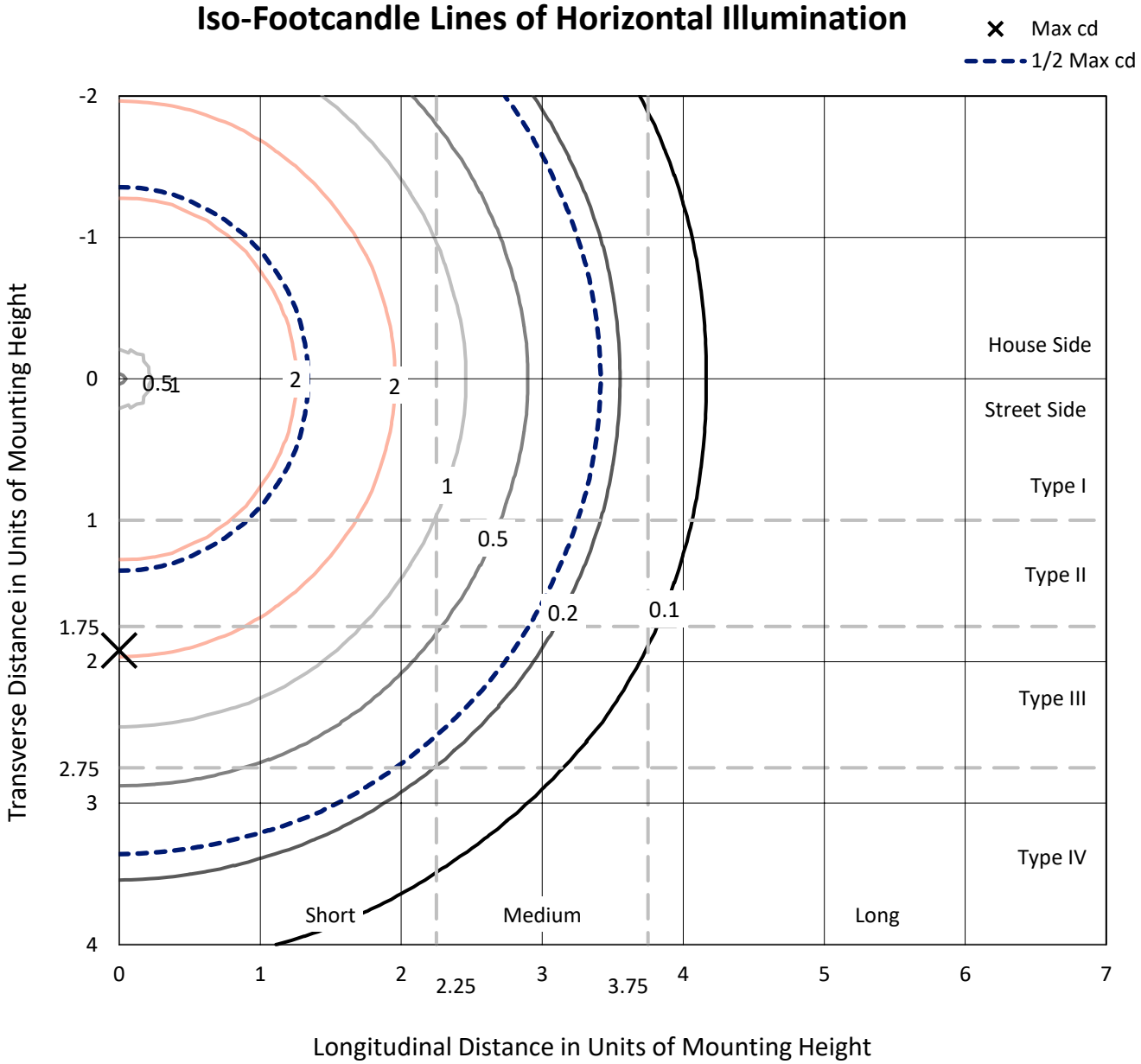
Input Watts (W):	90.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P981065
CATALOG NUMBER: FFX-CLB-90-730-U-FR-T5

Iso-Footcandle Lines of Horizontal Illumination



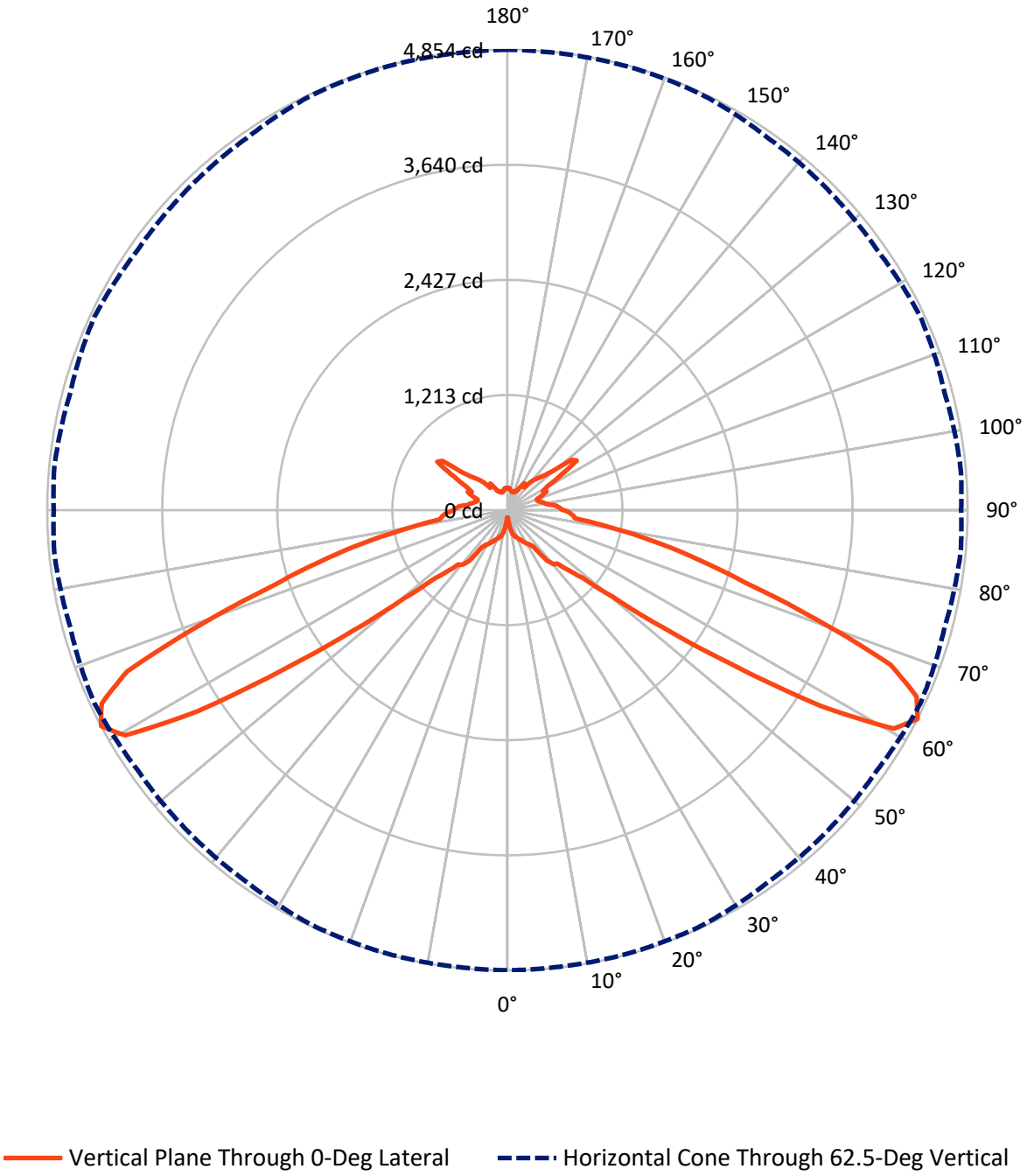
Based on 15 foot mounting height. Maximum calculated value = 2.7 fc
Type V - Short - N/A

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REPORT NUMBER: P981065
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Luminous Intensity Polar Plot



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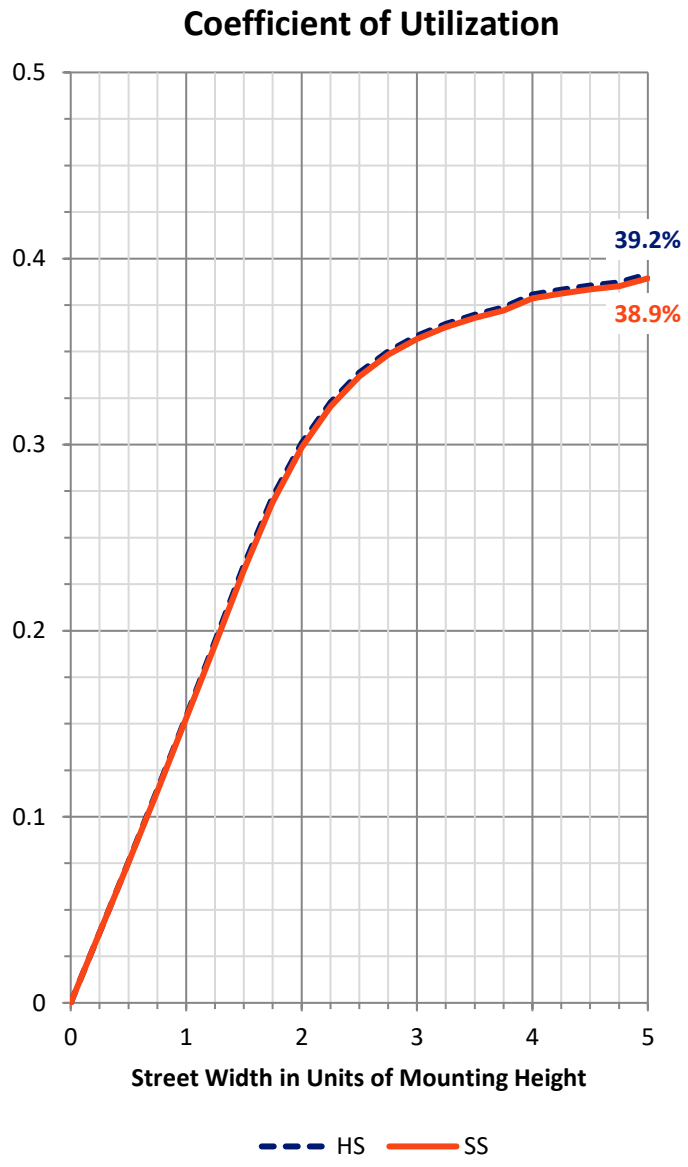
REPORT NUMBER: P981065
CATALOG NUMBER: FFX-CLB-90-730-U-FR-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5815.6	1364.7	7180.3
	% Fixture	40.5	9.5	50.0
Street Side	Lumens	5815.6	1364.7	7180.3
	% Fixture	40.5	9.5	50.0
Total	Lumens	11631.2	2729.4	14360.6
	% Fixture	81.0	19.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.8	0.1
10°-20°	79.8	0.6
20°-30°	169.7	1.2
30°-40°	343.0	2.4
40°-50°	766.3	5.3
50°-60°	2702.7	18.8
60°-70°	4423.3	30.8
70°-80°	2275.5	15.8
80°-90°	856.2	6.0
90°-100°	551.0	3.8
100°-110°	367.5	2.6
110°-120°	394.6	2.7
120°-130°	645.8	4.5
130°-140°	386.5	2.7
140°-150°	200.9	1.4
150°-160°	105.0	0.7
160°-170°	56.8	0.4
170°-180°	21.3	0.1
0°-90°	11631.2	81.0
0°-180°	14360.6	100.0



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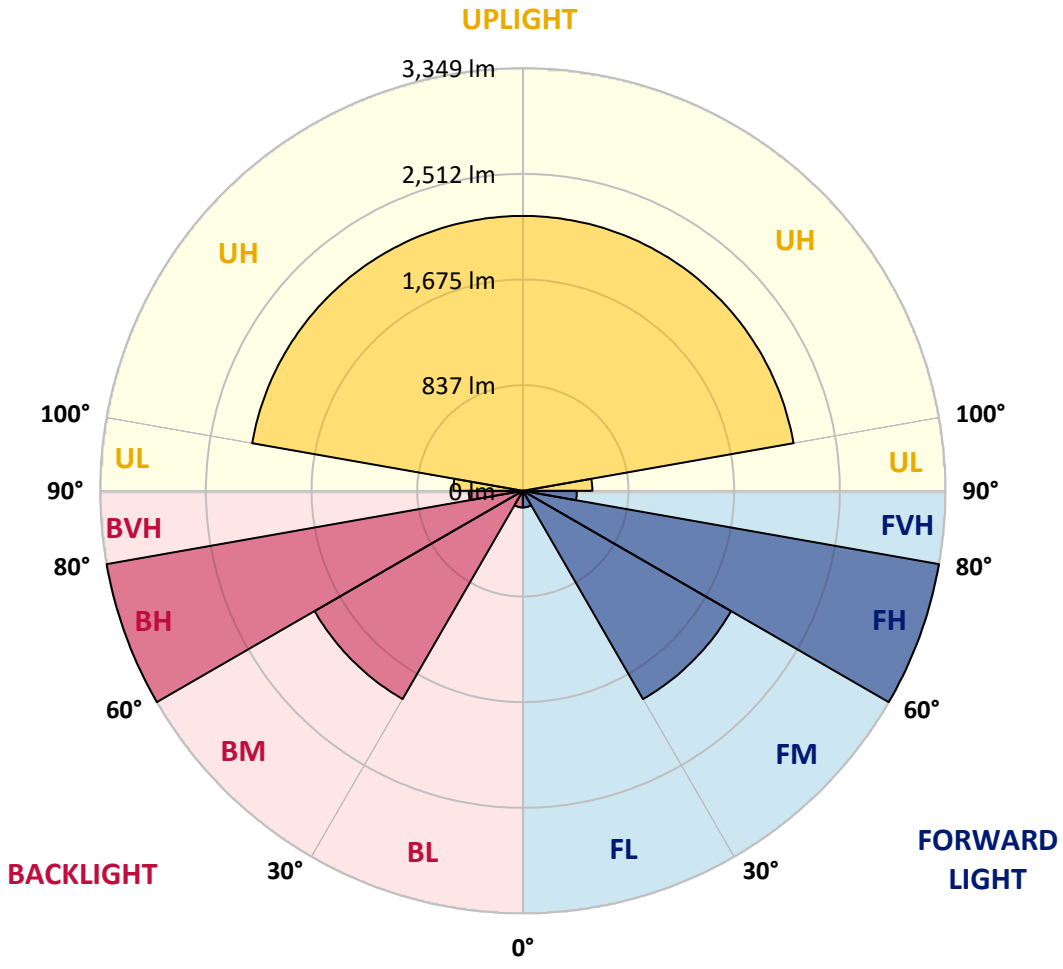
Scaled Data Report

REPORT NUMBER: P981065
CATALOG NUMBER: FFX-CLB-90-730-U-FR-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	132.1	0.9			
FM	(30°-60°)	1906.0	13.3			
FH	(60°-80°)	3349.4	23.3			G2/5000
FVH	(80°-90°)	428.1	3.0			G3/500
BL	(0°-30°)	132.1	0.9	B1/500		
BM	(30°-60°)	1906.0	13.3	B2/2500		
BH	(60°-80°)	3349.4	23.3	B4/5000		G2/5000
BVH	(80°-90°)	428.1	3.0			G3/500
UL	(90°-100°)	551.0	3.8		U4/1000	
UH	(100°-180°)	2178.4	15.2		U5	

BUG Rating: B4-U5-G3
Type V Short



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REPORT NUMBER: P981065
CATALOG NUMBER: FFX-CLB-90-730-U-FR-T5

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
2.5°	81.8	82.7	85.5	87.3	88.2	86.4	87.3	89.2	89.2	90.1	90.1
5°	121.3	122.3	121.3	120.4	119.5	121.3	122.3	121.3	118.6	119.5	118.6
7.5°	179.2	179.2	171.9	170.1	168.2	176.5	181.1	179.2	170.1	161.8	159.9
10°	220.6	219.7	213.3	205.0	204.1	209.6	221.5	224.3	209.6	199.5	197.6
12.5°	262.0	255.5	251.9	243.6	244.5	248.2	256.5	257.4	247.3	239.0	233.5
15°	286.8	287.7	287.7	283.1	281.3	285.0	288.6	291.4	284.0	277.6	273.9
17.5°	297.8	298.7	301.5	304.3	304.3	302.4	302.4	303.3	303.3	303.3	302.4
20°	320.8	321.7	320.8	322.6	325.4	323.6	320.8	321.7	320.8	321.7	320.8
22.5°	339.2	338.3	338.3	341.0	342.9	342.0	339.2	340.1	338.3	339.2	339.2
25°	358.5	359.4	361.3	362.2	363.1	363.1	362.2	364.0	363.1	361.3	361.3
27.5°	385.2	385.2	385.2	385.2	388.8	388.8	387.0	387.9	385.2	383.3	382.4
30°	410.9	411.8	410.0	411.8	415.5	413.7	412.7	414.6	410.9	410.0	410.0
32.5°	434.8	434.8	433.9	439.4	440.3	438.5	441.2	443.1	444.9	444.0	448.6
35°	475.2	477.1	492.7	506.5	511.1	510.2	513.8	515.7	512.0	512.0	509.3
37.5°	671.0	670.1	648.1	626.9	637.0	649.9	637.0	633.3	626.0	622.3	620.5
40°	749.2	749.2	728.9	730.8	723.4	724.4	728.9	743.7	735.4	720.7	721.6
42.5°	773.1	780.4	804.3	847.5	831.9	807.1	777.7	787.8	808.9	821.8	824.5
45°	909.1	919.2	921.1	919.2	911.9	922.0	914.6	920.1	922.9	939.5	946.8
47.5°	1069.1	1065.4	1066.3	1089.3	1081.0	1087.4	1101.2	1099.4	1111.3	1109.5	1115.9
50°	1433.1	1443.2	1428.5	1457.9	1465.3	1454.2	1507.5	1507.5	1513.1	1489.2	1491.9
52.5°	2060.0	2036.1	2036.1	2043.4	2045.3	2079.3	2117.0	2116.1	2129.9	2117.0	2145.5
55°	2867.1	2861.6	2873.5	2959.0	2968.2	2938.8	2947.1	2909.4	3030.7	2999.4	3022.4
57.5°	3893.9	3907.6	3892.0	3892.9	3885.6	3877.3	3923.3	3845.1	3904.0	3837.8	3839.6
60°	4679.8	4661.4	4609.9	4508.8	4500.5	4530.9	4582.4	4585.1	4526.3	4489.5	4458.3
62.5°	4853.5	4847.1	4845.3	4837.0	4790.1	4777.2	4767.1	4808.5	4773.6	4800.2	4784.6
65°	4742.3	4714.7	4739.5	4779.1	4748.7	4689.0	4637.5	4709.2	4686.2	4785.5	4734.0
67.5°	4357.1	4331.4	4321.3	4399.4	4361.7	4267.1	4232.1	4248.7	4222.0	4331.4	4311.2
70°	3458.1	3459.1	3479.3	3580.4	3542.7	3472.9	3430.6	3441.6	3468.3	3560.2	3534.4
72.5°	2623.5	2618.0	2641.9	2667.6	2669.4	2663.9	2652.9	2661.2	2676.8	2727.4	2740.2
75°	2070.1	2068.3	2029.7	2043.4	2037.9	2062.8	2099.5	2094.0	2102.3	2063.7	2052.6
77.5°	1566.4	1568.2	1553.5	1547.1	1541.5	1582.0	1640.8	1643.6	1604.1	1575.6	1563.6
80°	1083.8	1091.1	1135.2	1136.2	1144.4	1144.4	1191.3	1185.8	1172.0	1171.1	1171.1
82.5°	718.8	731.7	776.7	828.2	836.5	826.4	852.1	859.5	876.9	889.8	893.5
85°	691.3	714.2	699.5	721.6	722.5	728.9	739.1	742.7	740.9	743.7	738.1
87.5°	647.1	675.6	672.0	686.7	690.3	700.5	711.5	716.1	706.9	699.5	697.7
90°	574.5	601.2	614.0	626.0	629.7	626.9	634.3	636.1	635.2	626.9	625.1
92.5°	544.2	554.3	561.6	570.8	581.9	575.4	580.0	575.4	582.8	581.0	582.8
95°	505.6	509.3	504.7	510.2	512.0	505.6	504.7	504.7	501.0	496.4	498.2
97.5°	427.4	433.9	432.0	432.0	433.0	430.2	431.1	430.2	432.0	429.3	428.4
100°	398.9	398.9	397.1	396.2	395.3	392.5	391.6	388.8	388.8	386.1	384.2
102.5°	369.5	372.3	369.5	368.6	368.6	364.0	364.9	364.9	363.1	362.2	357.6
105°	348.4	347.5	345.6	342.0	338.3	338.3	340.1	339.2	336.4	335.5	331.8
107.5°	329.1	327.2	324.5	319.0	317.1	318.1	320.8	321.7	320.8	317.1	314.4
110°	332.8	330.0	325.4	323.6	326.3	328.2	329.1	330.9	336.4	338.3	334.6

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REPORT NUMBER: P981065
CATALOG NUMBER: FFX-CLB-90-730-U-FR-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*400.8*	396.2	393.4	381.5	390.7	392.5	390.7	391.6	394.3	390.7	392.5
115°	*457.8*	462.4	463.3	426.5	427.4	421.9	416.4	414.6	406.3	412.7	433.9
117.5°	*422.8*	437.6	405.4	388.8	378.7	375.0	384.2	386.1	377.8	387.9	418.2
120°	*485.4*	491.8	425.6	393.4	392.5	408.1	433.0	440.3	431.1	450.4	485.4
122.5°	*659.1*	654.5	648.1	653.6	638.9	637.9	658.2	655.4	630.6	633.3	641.6
125°	*898.1*	896.2	884.3	872.3	862.2	867.8	859.5	849.4	831.0	828.2	828.2
127.5°	*859.5*	859.5	851.2	844.8	834.7	835.6	834.7	816.3	808.9	809.8	809.8
130°	*632.4*	633.3	659.1	682.1	675.6	678.4	661.8	656.3	680.2	702.3	702.3
132.5°	*535.9*	537.7	566.2	583.7	574.5	556.1	538.7	540.5	555.2	577.3	576.4
135°	*478.9*	482.6	484.4	482.6	477.1	472.5	471.6	476.2	479.8	495.5	499.1
137.5°	*433.9*	431.1	421.9	413.7	407.2	419.2	426.5	424.7	421.0	418.2	420.1
140°	*381.5*	377.8	364.9	363.1	366.8	372.3	374.1	376.0	376.9	375.0	374.1
142.5°	*297.8*	300.6	312.5	327.2	328.2	319.0	319.9	319.9	323.6	328.2	326.3
145°	*298.7*	300.6	305.2	316.2	316.2	308.9	306.1	308.9	317.1	326.3	326.3
147.5°	*332.8*	330.0	323.6	320.8	318.1	317.1	317.1	310.7	311.6	311.6	311.6
150°	*283.1*	282.2	278.5	276.7	275.8	274.8	279.4	278.5	280.4	278.5	277.6
152.5°	*233.5*	232.6	228.9	226.1	227.0	232.6	239.9	242.7	240.8	237.2	235.3
155°	*221.5*	222.5	216.9	215.1	216.0	218.8	220.6	220.6	216.9	212.3	212.3
157.5°	*209.6*	210.5	207.7	205.9	206.8	208.7	211.4	212.3	209.6	205.9	205.0
160°	*200.4*	199.5	198.6	198.6	198.6	198.6	199.5	200.4	199.5	198.6	197.6
162.5°	*195.8*	195.8	195.8	195.8	196.7	195.8	195.8	195.8	195.8	195.8	195.8
165°	*194.9*	194.9	195.8	197.6	198.6	197.6	197.6	197.6	198.6	200.4	200.4
167.5°	*203.1*	202.2	205.0	205.9	206.8	205.9	205.0	204.1	205.0	206.8	206.8
170°	*212.3*	213.3	213.3	214.2	214.2	213.3	212.3	213.3	212.3	213.3	213.3
172.5°	*221.5*	221.5	221.5	220.6	220.6	220.6	220.6	220.6	220.6	219.7	219.7
175°	*228.9*	228.9	228.9	228.9	228.0	228.9	229.8	229.8	228.9	228.9	227.0
177.5°	*235.3*	235.3	235.3	235.3	235.3	235.3	235.3	234.4	234.4	234.4	233.5
180°	*236.2*	236.2	236.2	236.2	236.2	236.2	236.2	236.2	236.2	236.2	236.2

Cooper Lighting Solutions Photometric Lab
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: SP1-2501-332-4

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

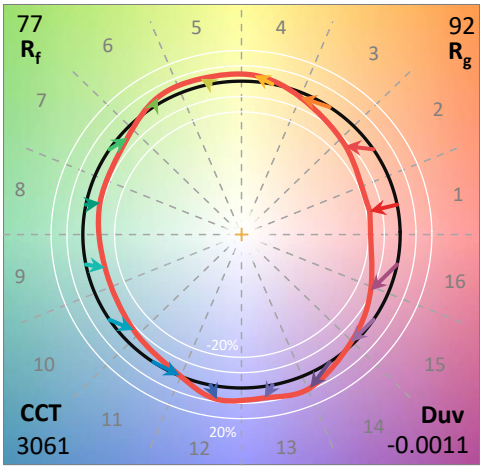
Test Information

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

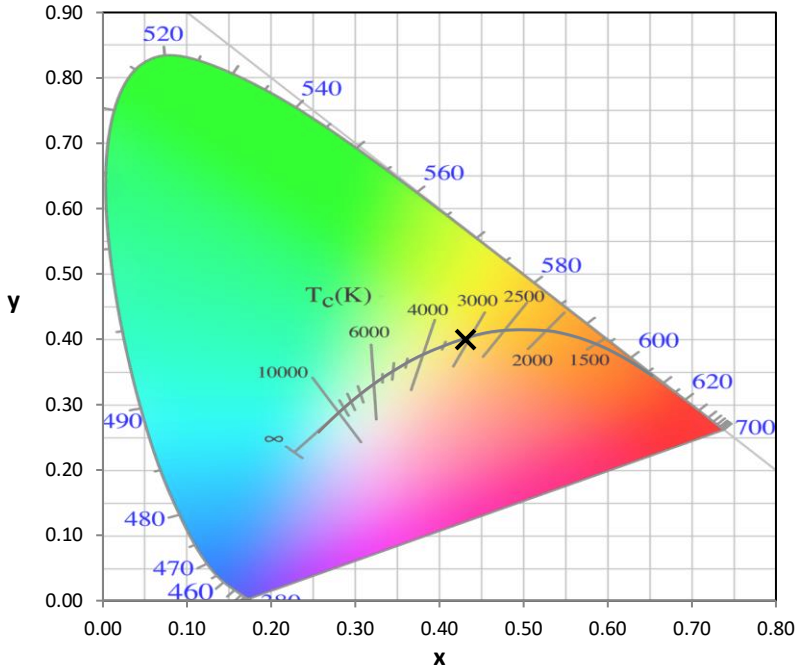
Stabilization Time:	56M
Operation Time:	1H 56M
Sphere Temperature (°C):	24.8

REPORT NUMBER: SP1-2501-332-4

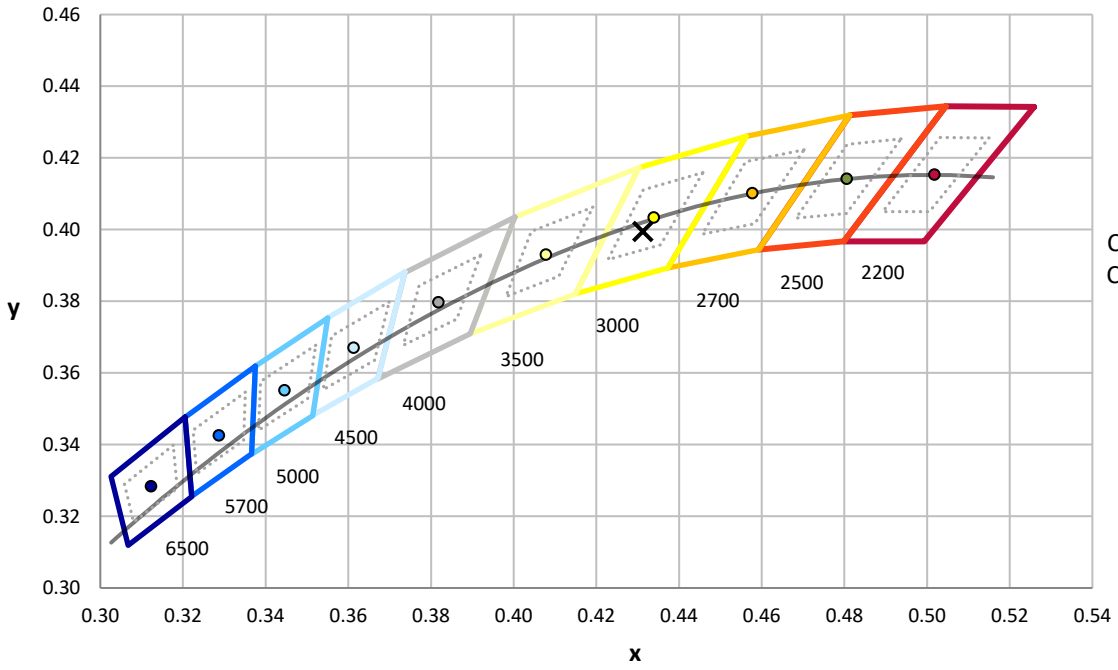
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

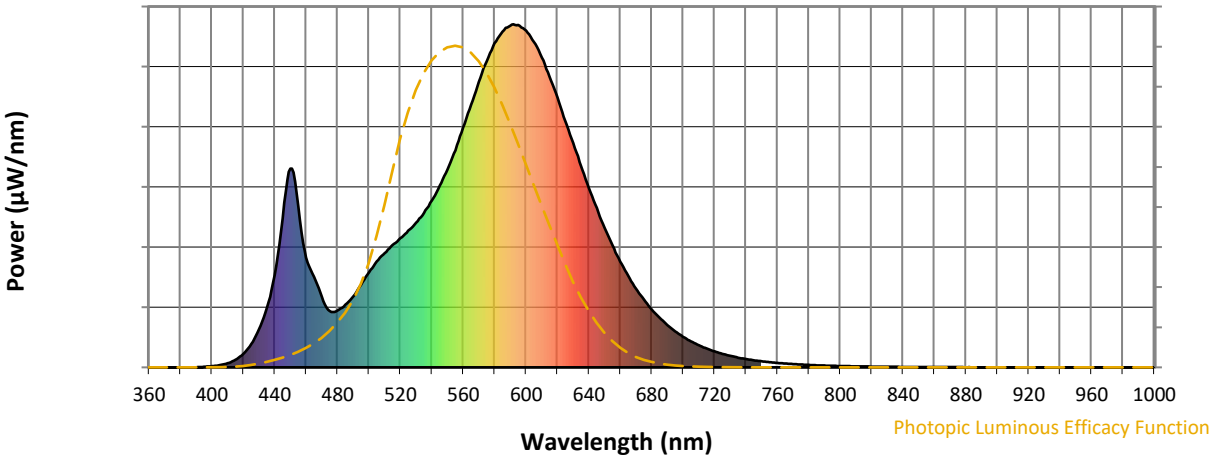


CCT = 3061K
CIE x = 0.4312
CIE y = 0.3995
Duv = -0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-4

Photopic Flux vs. Wavelength

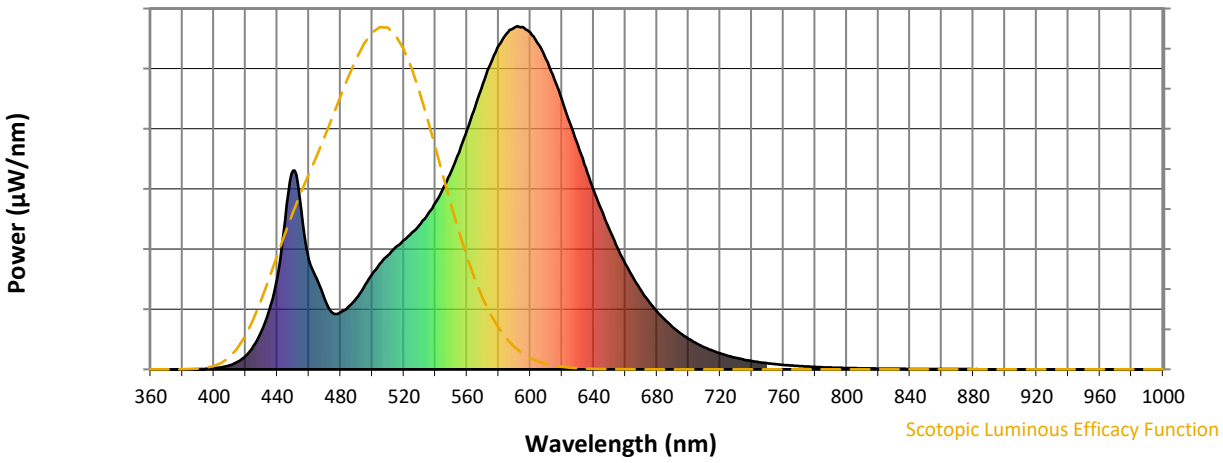


Photopic Lumens: NR

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

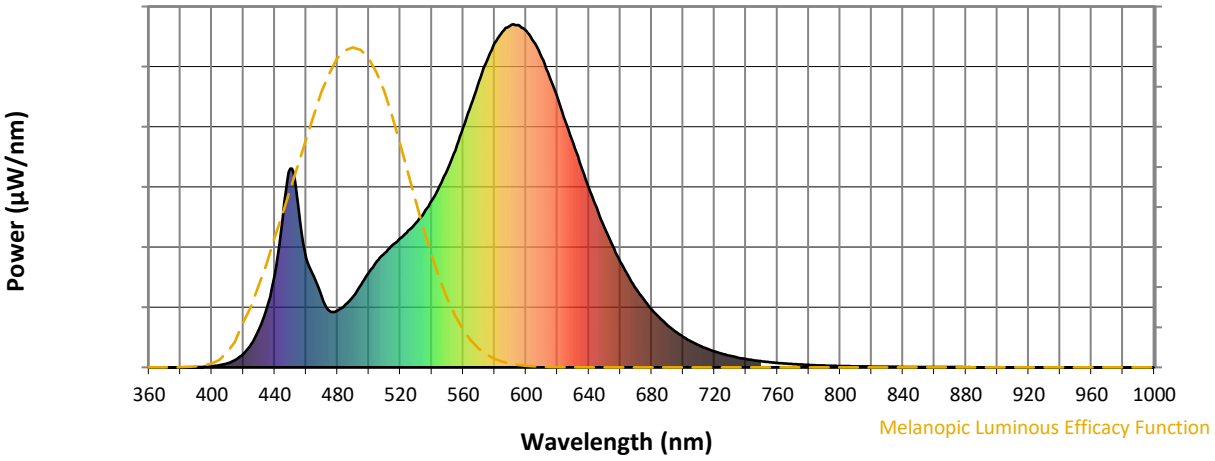


Scotopic Lumens: NR **S/P: 1.29**

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			

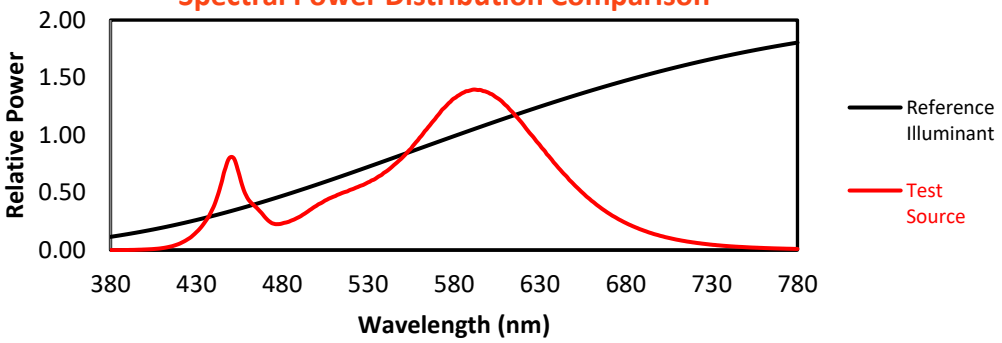
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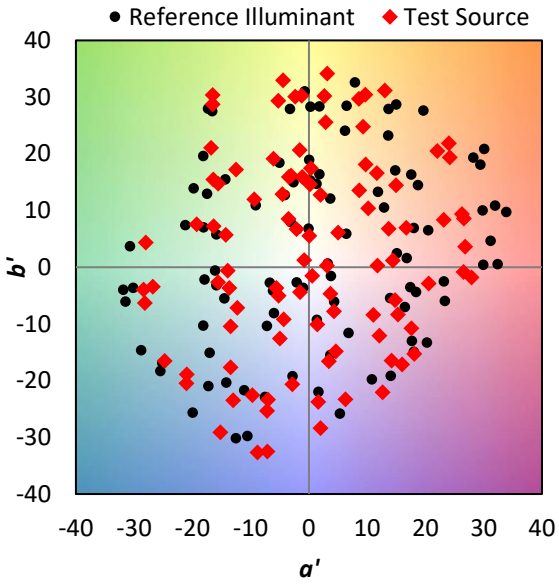
Summary

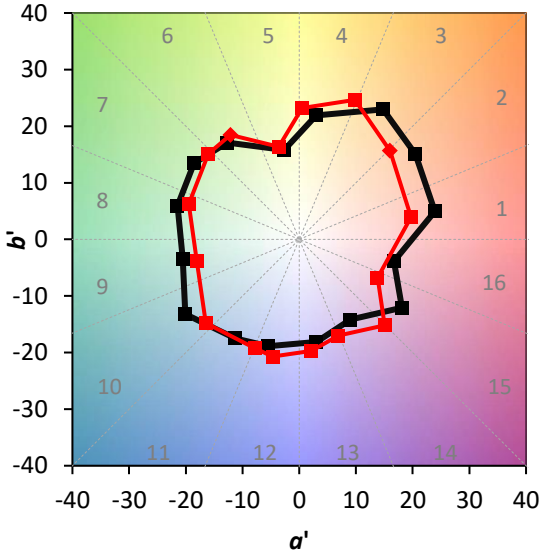
R_f = 76.8
R_g = 92.2
CIE R_a = 71.7
R_9 = -40.3

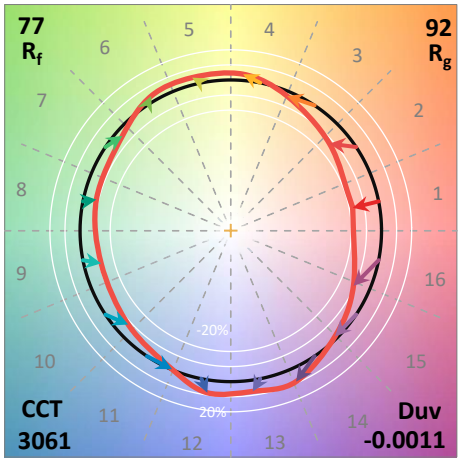
Spectral Power Distribution Comparison

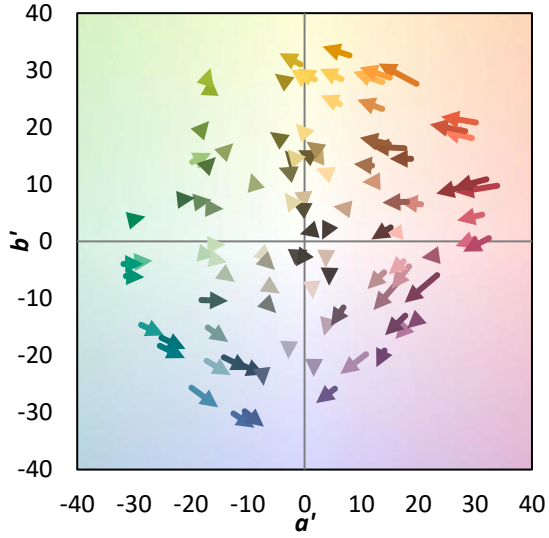


Color Vector Graphics







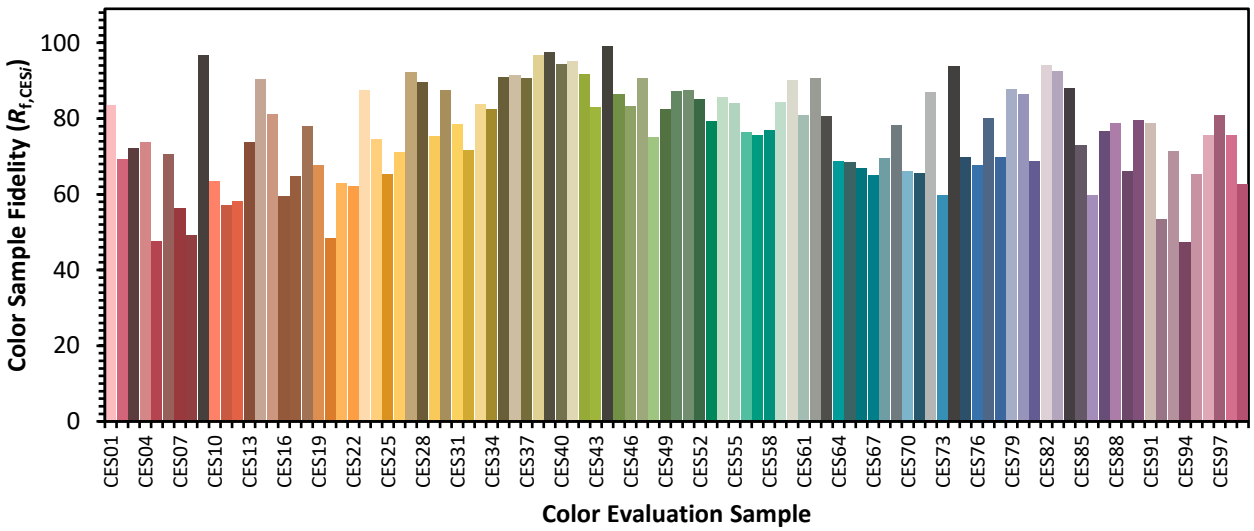


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Individual Sample Fidelity Index ($R_{f,i}$)

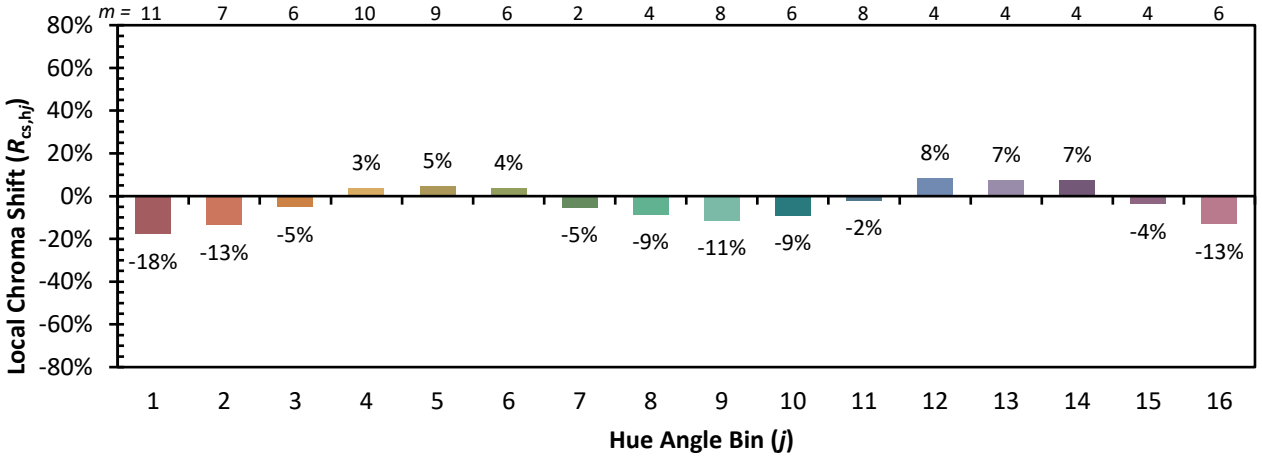
CES01 = 86	CES26 = 71	CES51 = 88	CES76 = 68
CES02 = 62	CES27 = 92	CES52 = 85	CES77 = 80
CES03 = 31	CES28 = 90	CES53 = 79	CES78 = 70
CES04 = 71	CES29 = 75	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 79	CES56 = 76	CES81 = 69
CES07 = 41	CES32 = 72	CES57 = 76	CES82 = 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	

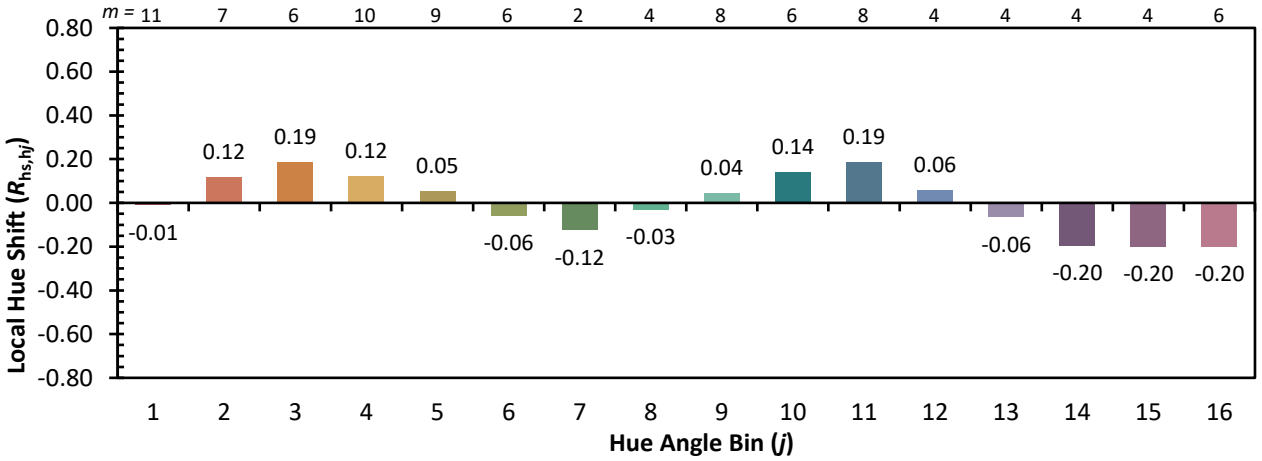


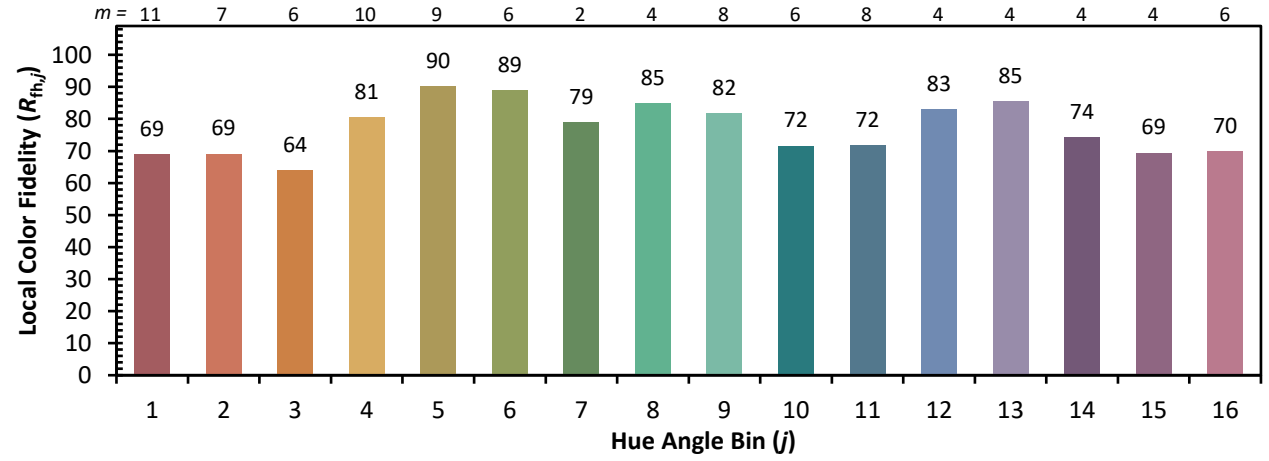
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Color Rendition by Hue-Angle Bin



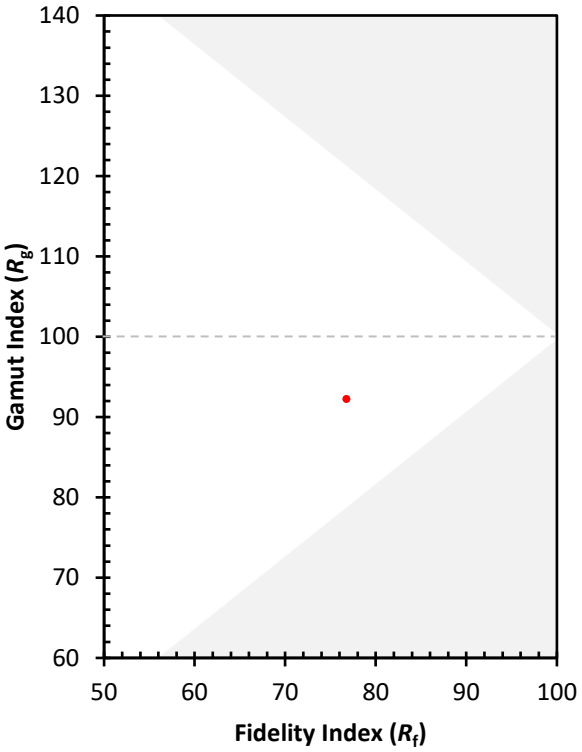


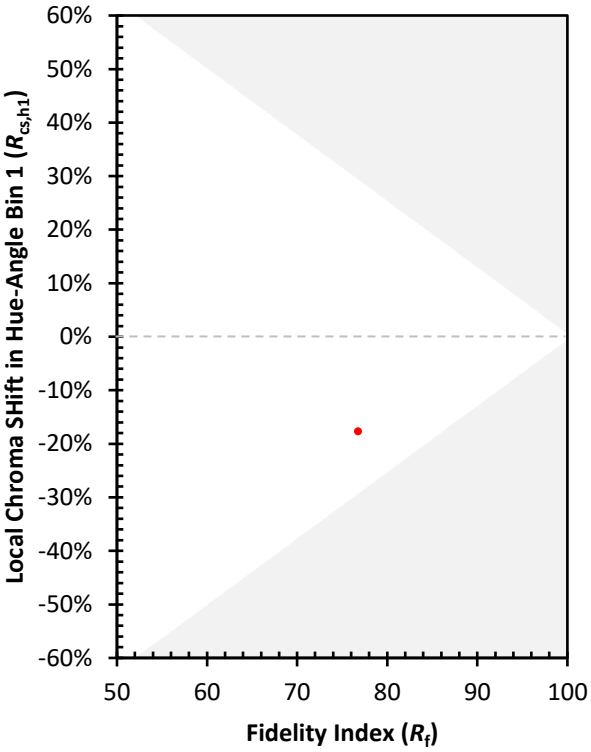


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Measure Comparisons





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