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: P981109

Luminaire Tested: **FFX-CLB-100-730-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:	P981109
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-100-730-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:	14405.1 lumens
Efficiency:	N/A
Efficacy:	148.5 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B4 - U5 - G3

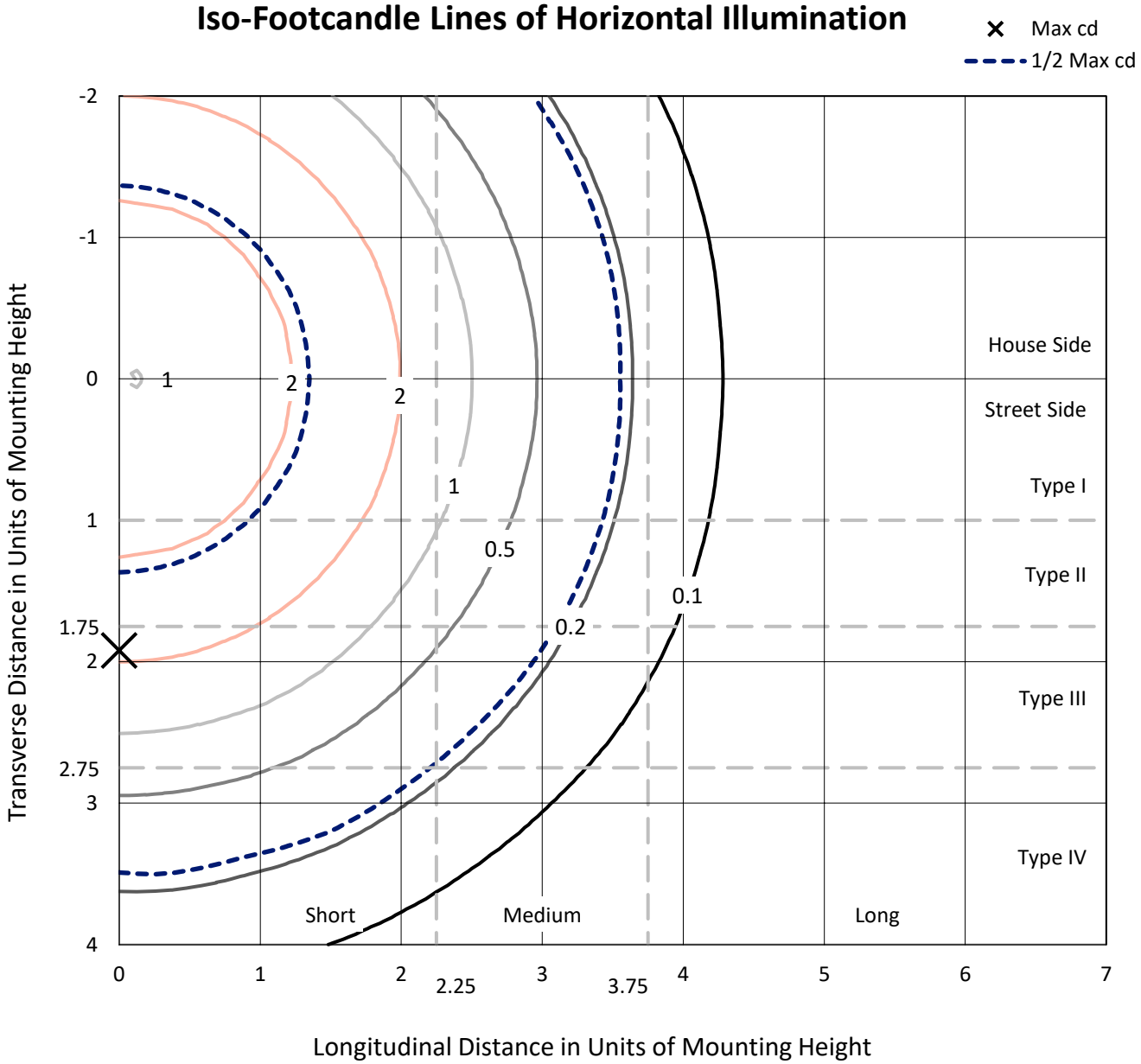
Input Watts (W):	97
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981109
CATALOG NUMBER: FFX-CLB-100-730-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



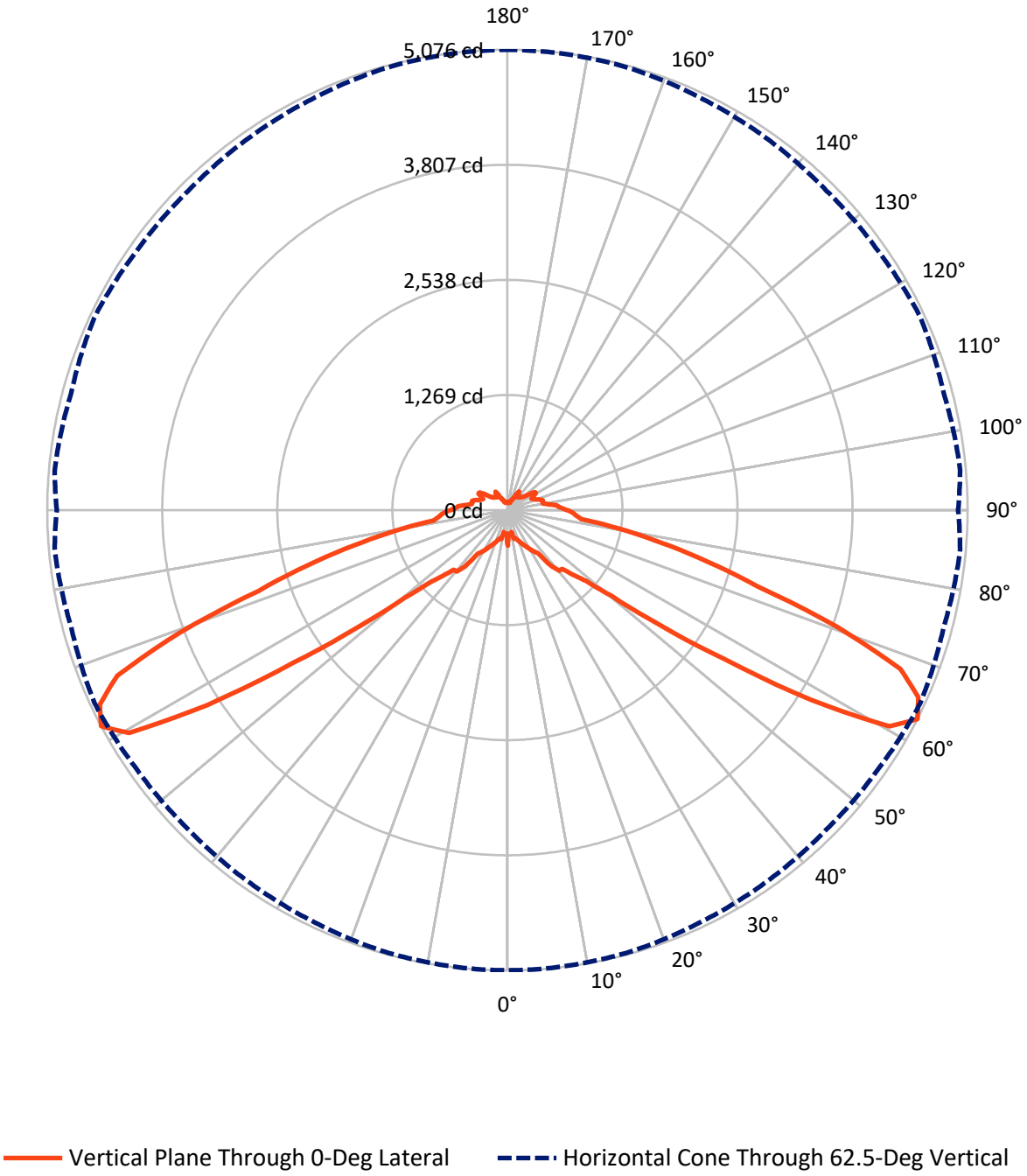
Based on 15 foot mounting height. Maximum calculated value = 2.7 fc
Type V - Short - N/A

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REPORT NUMBER: P981109
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Luminous Intensity Polar Plot



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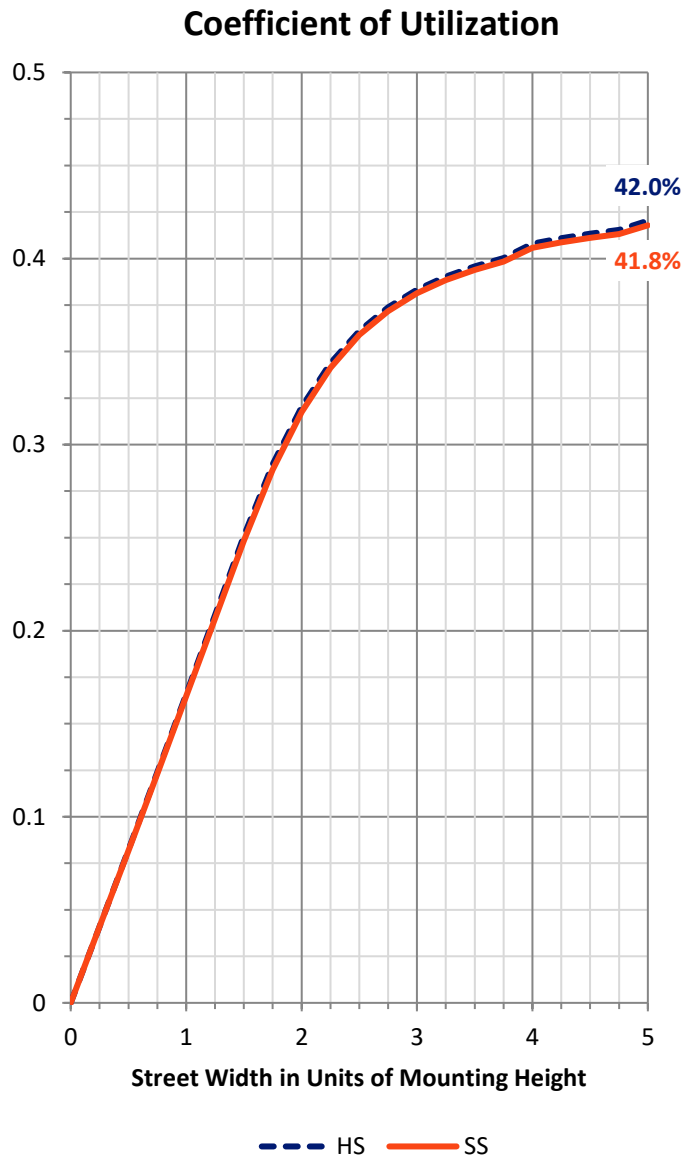
REPORT NUMBER: P981109
CATALOG NUMBER: FFX-CLB-100-730-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6269.7	932.8	7202.6
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	6269.7	932.8	7202.6
	% Fixture	43.5	6.5	50.0
Total	Lumens	12539.5	1865.6	14405.1
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.6	0.2
10°-20°	91.3	0.6
20°-30°	200.3	1.4
30°-40°	411.4	2.9
40°-50°	849.5	5.9
50°-60°	2774.7	19.3
60°-70°	4678.2	32.5
70°-80°	2546.5	17.7
80°-90°	963.0	6.7
90°-100°	585.4	4.1
100°-110°	369.3	2.6
110°-120°	280.8	1.9
120°-130°	240.1	1.7
130°-140°	161.4	1.1
140°-150°	132.9	0.9
150°-160°	62.8	0.4
160°-170°	24.9	0.2
170°-180°	8.2	0.1
0°-90°	12539.5	87.0
0°-180°	14405.1	100.0



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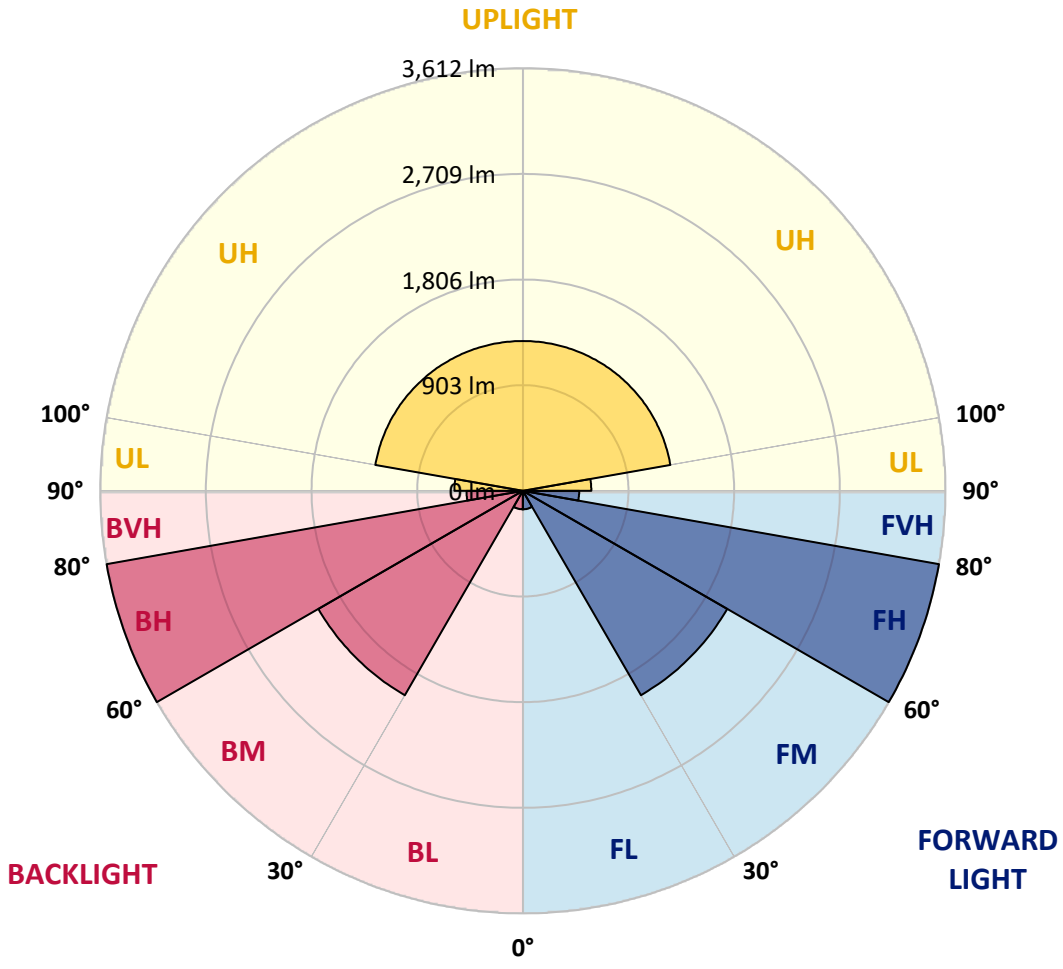
Scaled Data Report

REPORT NUMBER: P981109
CATALOG NUMBER: FFX-CLB-100-730-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°)	158.1	1.1			
FM	(30°-60°)	2017.8	14.0			
FH	(60°-80°)	3612.4	25.1			G2/5000
FVH	(80°-90°)	481.5	3.3			G3/500
BL	(0°-30°)	158.1	1.1	B1/500		
BM	(30°-60°)	2017.8	14.0	B2/2500		
BH	(60°-80°)	3612.4	25.1	B4/5000		G2/5000
BVH	(80°-90°)	481.5	3.3			G3/500
UL	(90°-100°)	585.4	4.1		U4/1000	
UH	(100°-180°)	1280.2	8.9		U5	

BUG Rating: B4-U5-G3
Type V Short



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REPORT NUMBER: P981109
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	392.3	392.3	392.3	392.3	392.3	392.3	392.3	392.3	392.3	392.3	392.3
2.5°	261.2	271.6	329.6	377.1	376.1	342.9	300.1	303.9	329.6	352.4	358.1
5°	263.1	259.3	256.4	245.0	241.2	246.9	243.1	231.7	227.0	227.9	246.0
7.5°	273.5	268.8	241.2	220.3	217.5	229.8	256.4	256.4	227.9	206.1	205.1
10°	246.0	245.0	254.5	264.0	266.9	255.5	244.1	238.4	236.5	234.6	232.7
12.5°	324.8	321.0	301.1	288.7	286.8	292.5	301.1	298.2	284.0	276.4	276.4
15°	322.9	324.8	327.7	322.9	322.0	322.9	327.7	324.8	320.1	314.4	314.4
17.5°	341.0	341.9	342.9	344.8	342.9	340.0	340.0	339.1	340.0	341.9	341.9
20°	368.5	369.5	369.5	369.5	368.5	362.8	362.8	363.8	362.8	364.7	363.8
22.5°	398.9	397.9	397.9	397.9	395.1	390.4	389.4	390.4	387.5	387.5	387.5
25°	428.3	430.2	433.1	432.1	427.4	423.6	420.7	421.7	419.8	419.8	419.8
27.5°	465.4	463.5	469.2	467.3	462.5	462.5	459.7	459.7	456.8	455.9	454.9
30°	507.2	506.2	506.2	507.2	505.3	503.4	503.4	501.5	496.7	497.7	499.6
32.5°	548.0	547.1	545.2	546.1	545.2	542.3	547.1	547.1	545.2	546.1	551.8
35°	587.9	593.6	606.9	616.4	619.2	618.3	622.1	628.7	624.0	621.1	624.0
37.5°	777.9	774.1	759.8	751.3	753.2	757.9	747.5	739.9	735.1	734.2	738.9
40°	877.6	873.8	852.9	854.8	840.5	845.3	850.0	856.7	851.9	841.5	841.5
42.5°	886.1	887.1	916.5	961.2	947.9	919.4	892.8	906.1	926.0	938.4	943.1
45°	1017.2	1029.5	1029.5	1032.4	1033.3	1034.3	1015.3	1023.8	1040.0	1059.9	1059.0
47.5°	1168.2	1175.8	1180.5	1186.2	1183.4	1186.2	1210.9	1204.3	1222.3	1220.4	1218.5
50°	1484.5	1516.8	1522.5	1544.3	1531.0	1533.9	1579.4	1583.2	1583.2	1580.4	1584.2
52.5°	2106.6	2135.1	2130.3	2081.9	2105.6	2148.4	2197.7	2162.6	2212.9	2188.2	2176.8
55°	2896.8	2897.7	2929.1	2996.5	3027.8	2994.6	3021.2	2955.6	3065.8	3079.1	3045.9
57.5°	3945.3	3965.2	3971.9	3989.0	3964.3	3960.5	3979.5	3938.6	3989.9	3939.6	3959.5
60°	4841.9	4816.2	4743.1	4639.6	4651.0	4691.8	4765.9	4740.2	4704.2	4633.9	4617.7
62.5°	5075.5	5071.7	5056.5	5018.5	4995.7	4977.7	4987.2	5026.1	4980.5	5011.9	4970.1
65°	4979.6	4976.7	4991.0	5024.2	4999.5	4938.7	4885.6	4949.2	4920.7	5025.2	4994.8
67.5°	4672.8	4660.5	4646.2	4708.0	4669.0	4581.6	4542.7	4548.4	4531.3	4635.8	4605.4
70°	3854.1	3834.2	3860.8	3958.6	3902.6	3824.7	3780.0	3799.0	3803.8	3870.3	3880.7
72.5°	2888.2	2912.9	2939.5	3005.0	2991.7	2949.0	2973.7	3002.2	3029.7	3054.4	3044.0
75°	2286.1	2315.5	2262.3	2294.6	2283.2	2316.5	2339.3	2352.6	2349.7	2324.1	2312.7
77.5°	1738.1	1761.8	1749.5	1740.0	1748.5	1781.7	1853.9	1845.4	1804.5	1760.9	1769.4
80°	1249.9	1291.7	1296.4	1292.6	1310.7	1315.4	1376.2	1360.1	1326.8	1325.9	1335.4
82.5°	818.7	837.7	897.5	950.7	965.0	941.2	981.1	996.3	1004.8	1005.8	1002.9
85°	757.9	778.8	764.6	793.0	799.7	806.3	813.0	818.7	828.2	836.7	840.5
87.5°	716.1	750.3	748.4	767.4	765.5	778.8	791.1	794.9	783.6	771.2	767.4
90°	640.1	667.7	678.1	689.5	695.2	693.3	703.8	703.8	696.2	690.5	688.6
92.5°	574.6	589.8	599.3	613.5	617.3	615.4	625.9	621.1	622.1	624.0	625.9
95°	543.3	549.9	547.1	552.8	545.2	538.5	542.3	536.6	533.8	529.0	529.0
97.5°	454.0	453.0	453.0	454.9	451.1	445.4	448.3	447.3	448.3	448.3	444.5
100°	397.9	397.0	391.3	390.4	389.4	387.5	384.7	385.6	385.6	384.7	385.6
102.5°	397.0	388.5	376.1	362.8	362.8	360.0	360.9	360.0	359.0	353.3	350.5
105°	404.6	391.3	370.4	343.8	340.0	341.0	343.8	342.9	339.1	333.4	329.6
107.5°	374.2	359.0	346.7	329.6	324.8	323.9	325.8	326.7	322.9	315.3	309.6
110°	331.5	325.8	320.1	313.4	308.7	307.7	307.7	307.7	303.9	301.1	294.4

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REPORT NUMBER: P981109
CATALOG NUMBER: FFX-CLB-100-730-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*312.5*	305.8	299.2	293.5	290.6	289.7	287.8	285.9	283.0	280.2	276.4
115°	*294.4*	294.4	289.7	268.8	264.0	263.1	262.1	262.1	262.1	262.1	261.2
117.5°	*319.1*	316.3	298.2	271.6	263.1	258.3	254.5	256.4	255.5	262.1	260.2
120°	*365.7*	344.8	305.8	286.8	279.2	275.4	276.4	277.3	276.4	274.5	270.7
122.5°	*361.9*	339.1	315.3	301.1	292.5	291.6	295.4	294.4	285.9	272.6	262.1
125°	*318.2*	305.8	291.6	278.3	273.5	271.6	273.5	270.7	265.0	258.3	247.9
127.5°	*246.9*	245.0	237.4	231.7	232.7	235.5	240.3	240.3	237.4	233.6	227.9
130°	*221.3*	219.4	220.3	222.2	221.3	221.3	216.5	212.7	219.4	225.1	222.2
132.5°	*204.2*	205.1	214.6	228.9	226.0	218.4	207.0	205.1	215.6	227.0	226.0
135°	*196.6*	197.5	205.1	219.4	215.6	206.1	201.3	202.3	208.0	213.7	212.7
137.5°	*196.6*	196.6	194.7	199.4	199.4	199.4	198.5	201.3	205.1	205.1	202.3
140°	*193.8*	195.7	190.0	190.9	193.8	196.6	197.5	201.3	202.3	201.3	197.5
142.5°	*177.6*	179.5	185.2	192.8	194.7	196.6	202.3	201.3	201.3	201.3	199.4
145°	*218.4*	218.4	223.2	229.8	227.0	223.2	225.1	226.0	227.9	229.8	227.9
147.5°	*241.2*	241.2	235.5	233.6	228.9	228.9	234.6	233.6	232.7	230.8	231.7
150°	*199.4*	198.5	193.8	191.9	191.9	190.0	192.8	192.8	190.0	188.1	189.0
152.5°	*142.5*	143.4	141.5	143.4	146.3	149.1	152.0	153.9	153.9	153.9	152.0
155°	*129.2*	127.3	126.3	128.2	129.2	128.2	126.3	126.3	126.3	124.4	123.5
157.5°	*112.1*	111.1	110.2	111.1	111.1	112.1	113.0	114.0	114.0	112.1	111.1
160°	*96.9*	96.9	96.9	97.8	97.8	96.9	95.9	96.9	98.8	98.8	98.8
162.5°	*87.4*	88.3	89.3	91.2	91.2	89.3	87.4	87.4	89.3	91.2	91.2
165°	*80.7*	80.7	82.6	86.4	87.4	84.5	81.7	81.7	84.5	88.3	89.3
167.5°	*80.7*	81.7	84.5	87.4	86.4	83.6	80.7	80.7	83.6	86.4	86.4
170°	*86.4*	86.4	85.5	84.5	83.6	83.6	83.6	84.5	85.5	84.5	84.5
172.5°	*91.2*	90.2	87.4	84.5	83.6	86.4	88.3	87.4	86.4	84.5	84.5
175°	*93.1*	92.1	90.2	88.3	88.3	90.2	91.2	89.3	87.4	86.4	85.5
177.5°	*83.6*	83.6	82.6	82.6	83.6	82.6	82.6	82.6	81.7	80.7	79.8
180°	*72.2*	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2

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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: SP1-2501-332-4

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

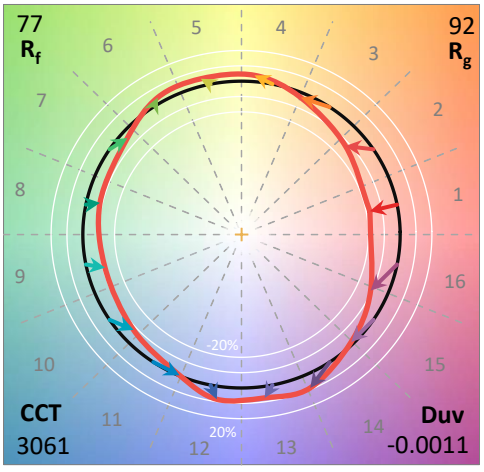
Test Information

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

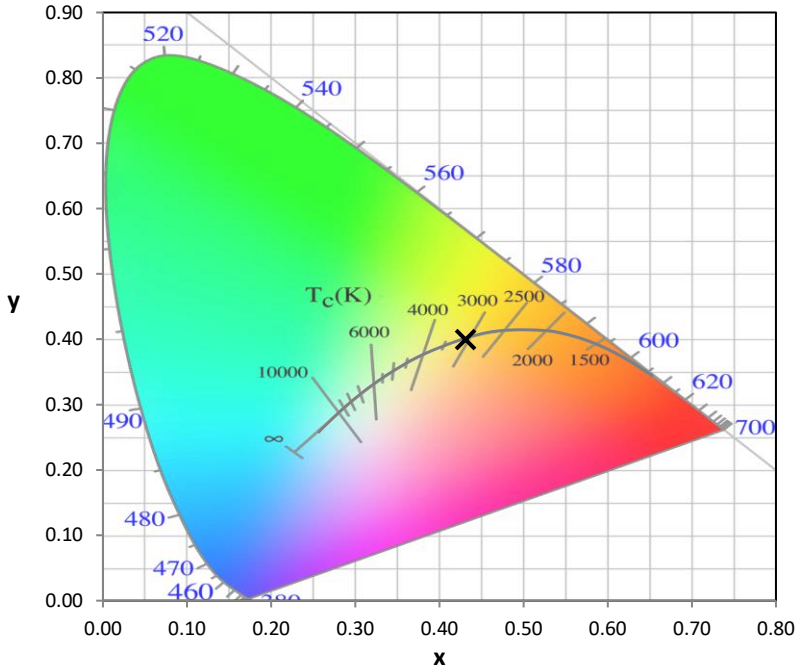
Stabilization Time:	56M
Operation Time:	1H 56M
Sphere Temperature (°C):	24.8

REPORT NUMBER: SP1-2501-332-4

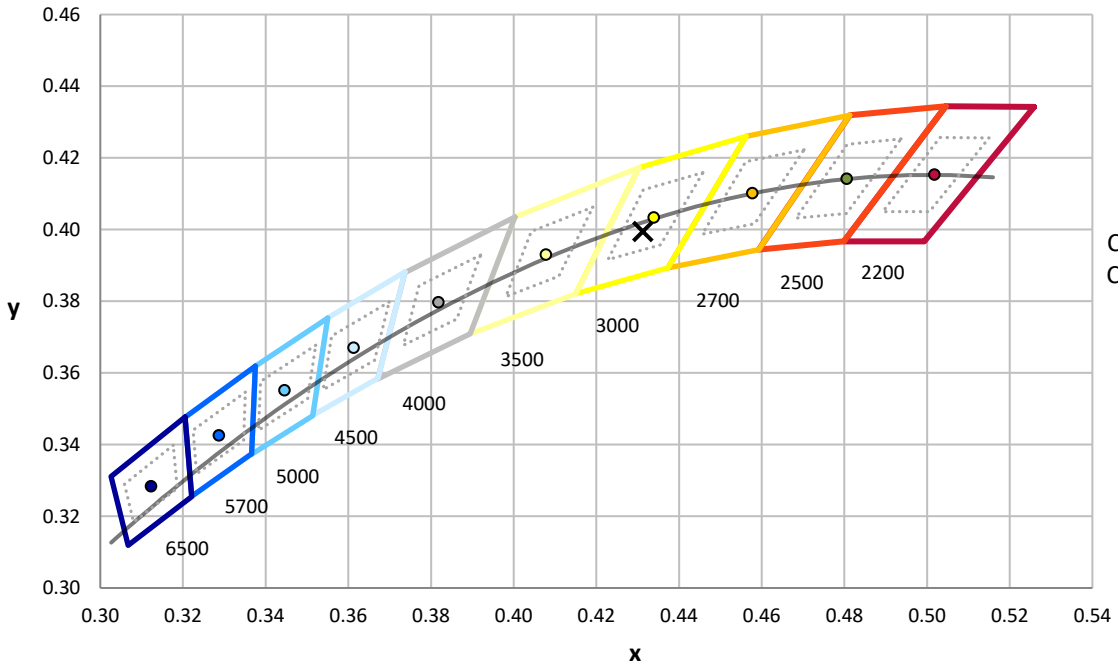
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

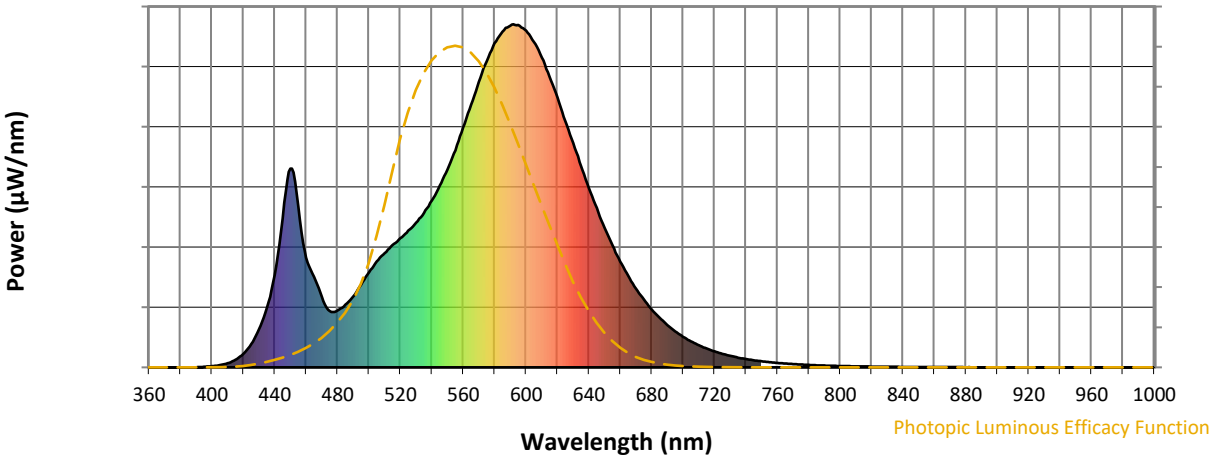


CCT = 3061K
CIE x = 0.4312
CIE y = 0.3995
Duv = -0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-4

Photopic Flux vs. Wavelength

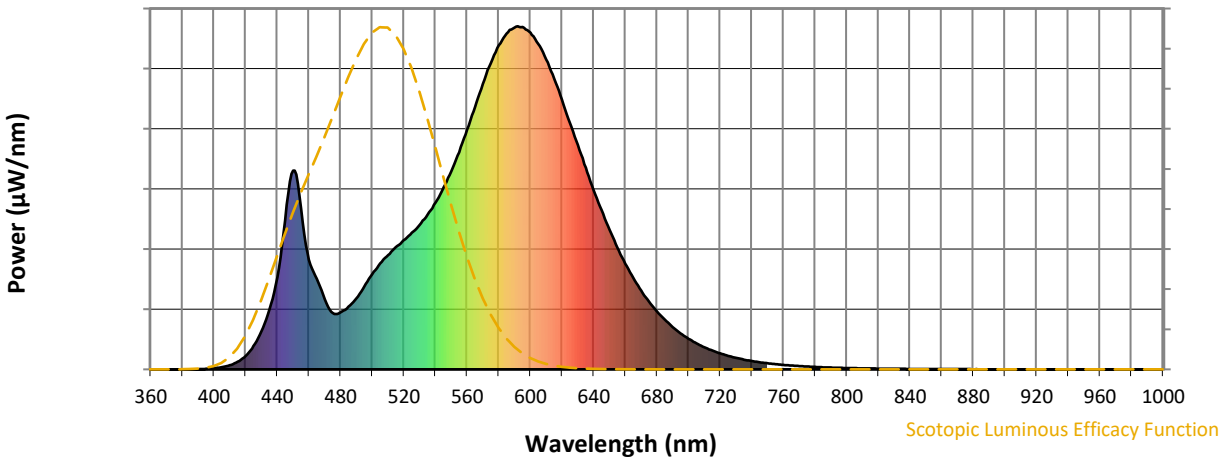


Photopic Lumens: NR

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

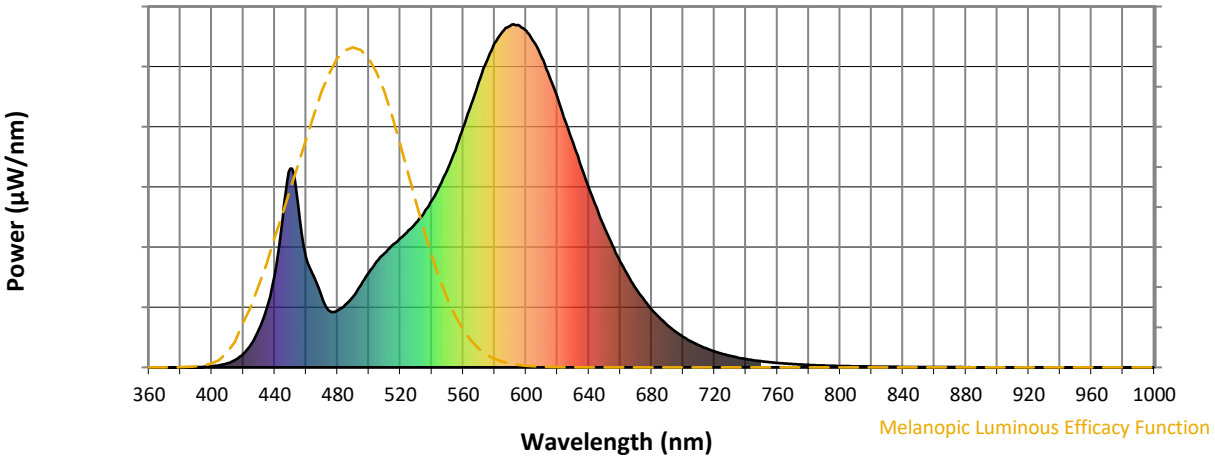


Scotopic Lumens: NR **S/P: 1.29**

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			

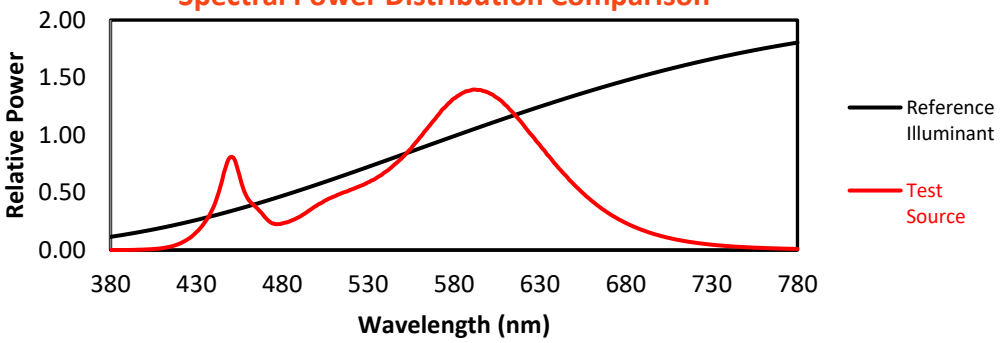
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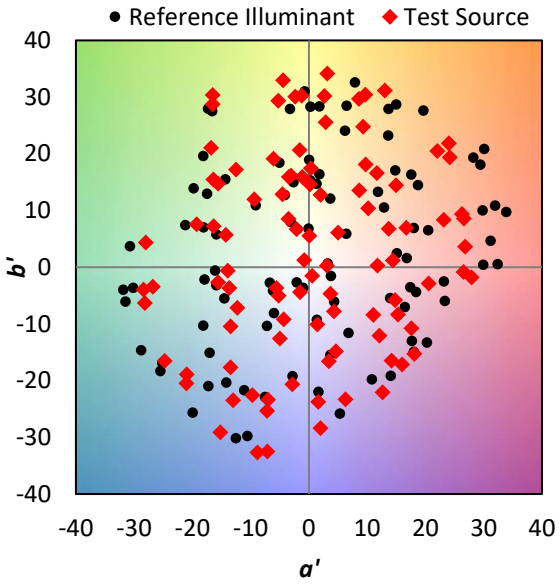
Summary

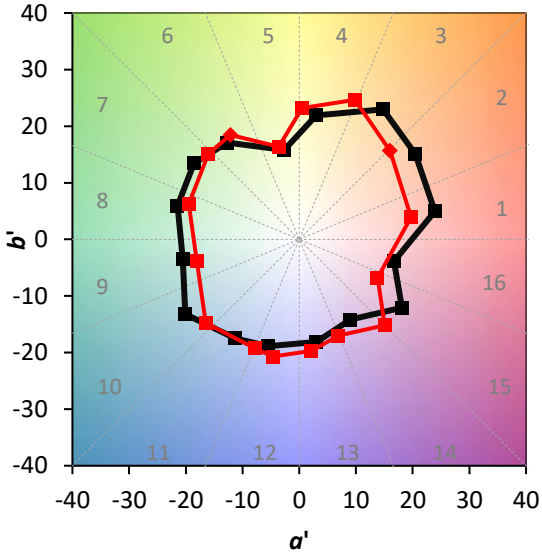
R_f = 76.8
R_g = 92.2
CIE R_a = 71.7
R_9 = -40.3

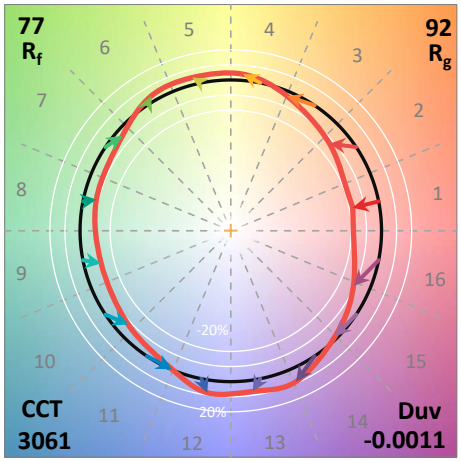
Spectral Power Distribution Comparison

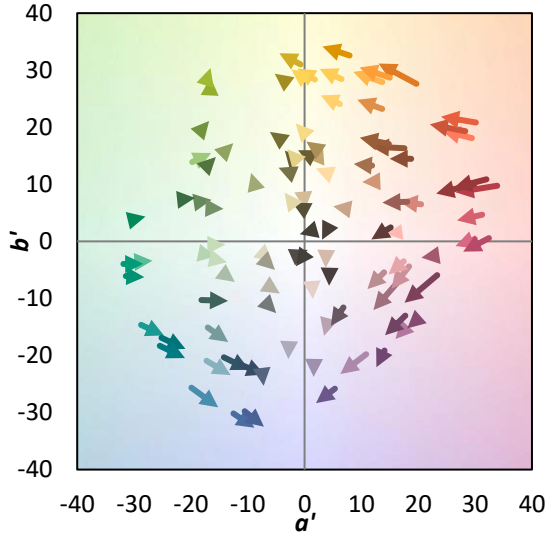


Color Vector Graphics







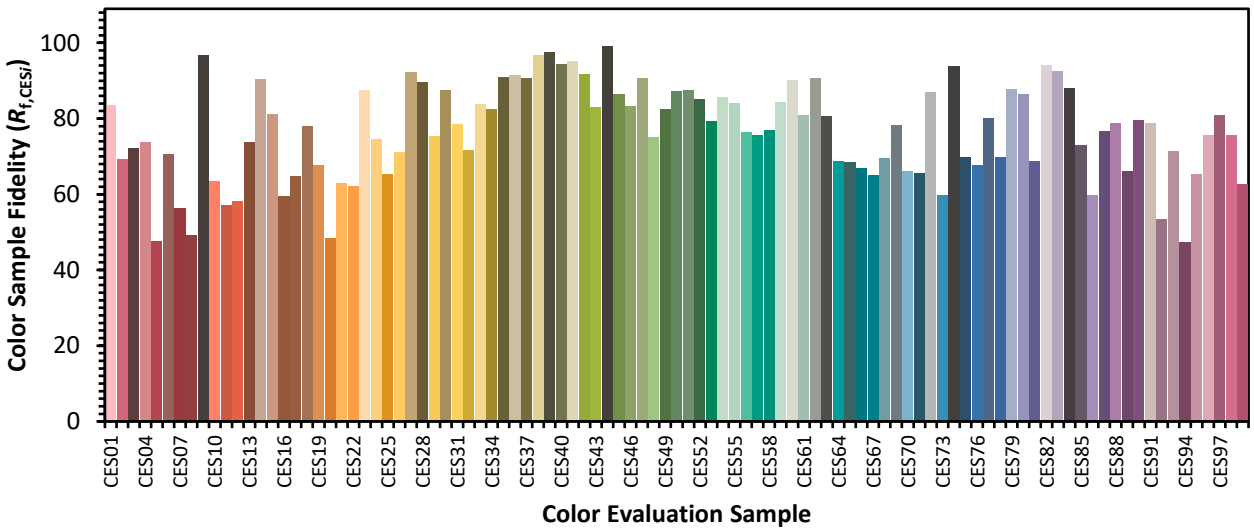


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Individual Sample Fidelity Index ($R_{f,i}$)

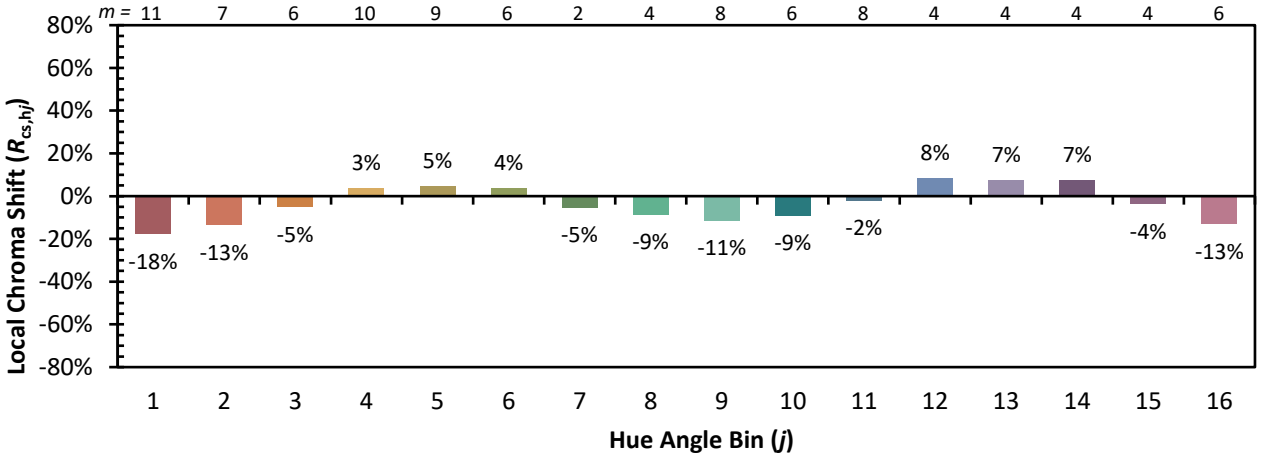
CES01 = 86	CES26 = 71	CES51 = 88	CES76 = 68
CES02 = 62	CES27 = 92	CES52 = 85	CES77 = 80
CES03 = 31	CES28 = 90	CES53 = 79	CES78 = 70
CES04 = 71	CES29 = 75	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 79	CES56 = 76	CES81 = 69
CES07 = 41	CES32 = 72	CES57 = 76	CES82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

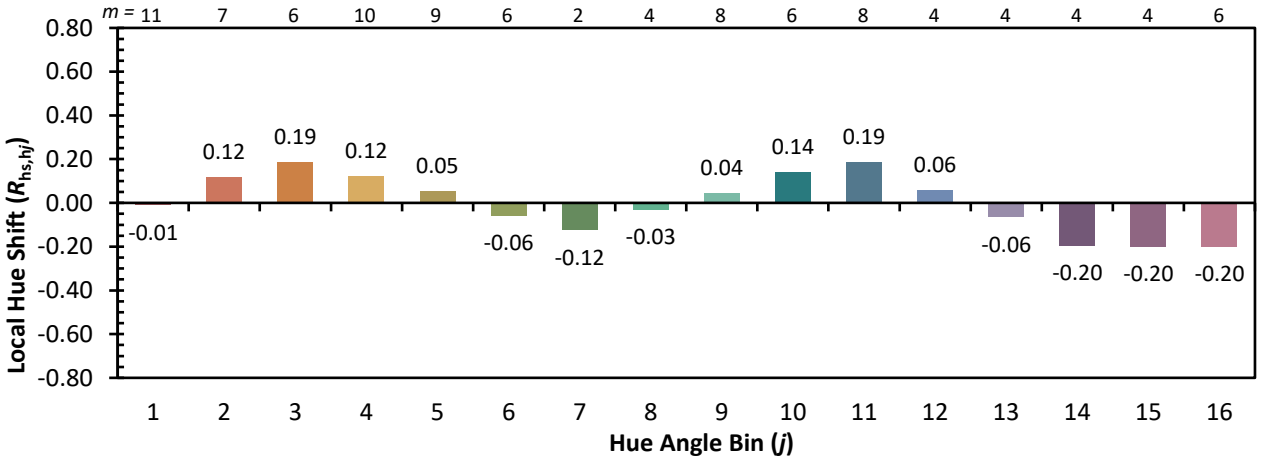


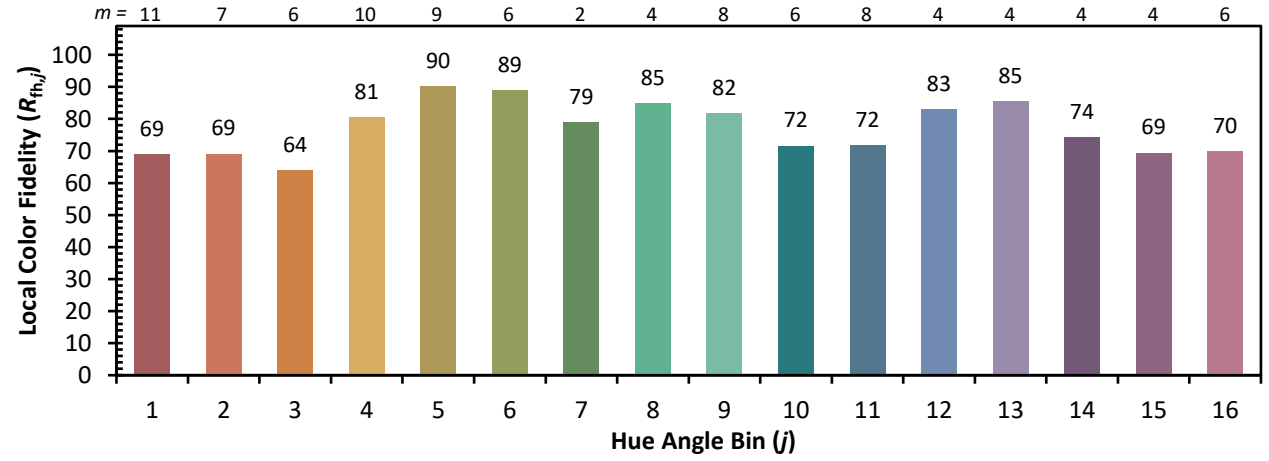
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Color Rendition by Hue-Angle Bin



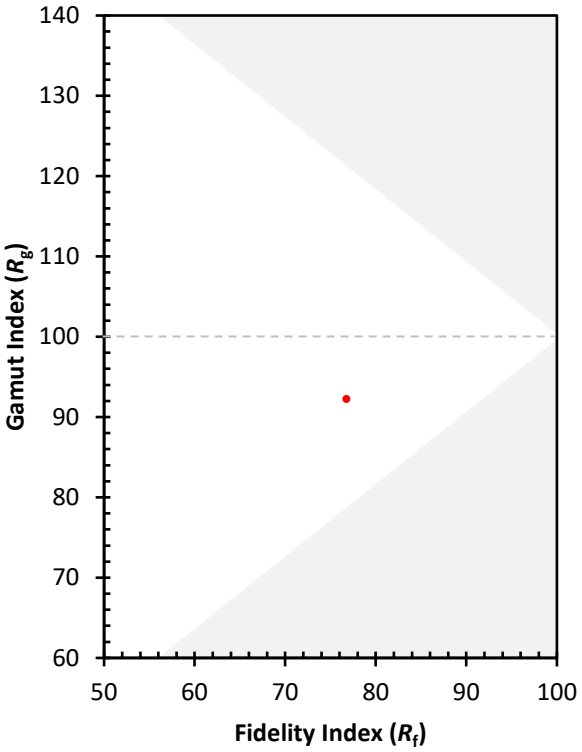


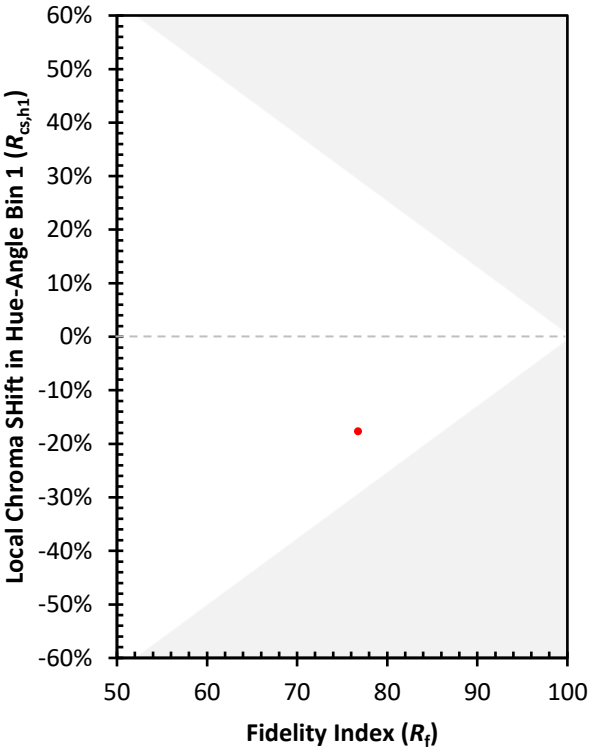


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Measure Comparisons





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