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: P981111

Luminaire Tested: **FFX-CLB-80-730-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:	P981111
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-80-730-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:	12078.8 lumens
Efficiency:	N/A
Efficacy:	147.7 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):	81.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.01%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

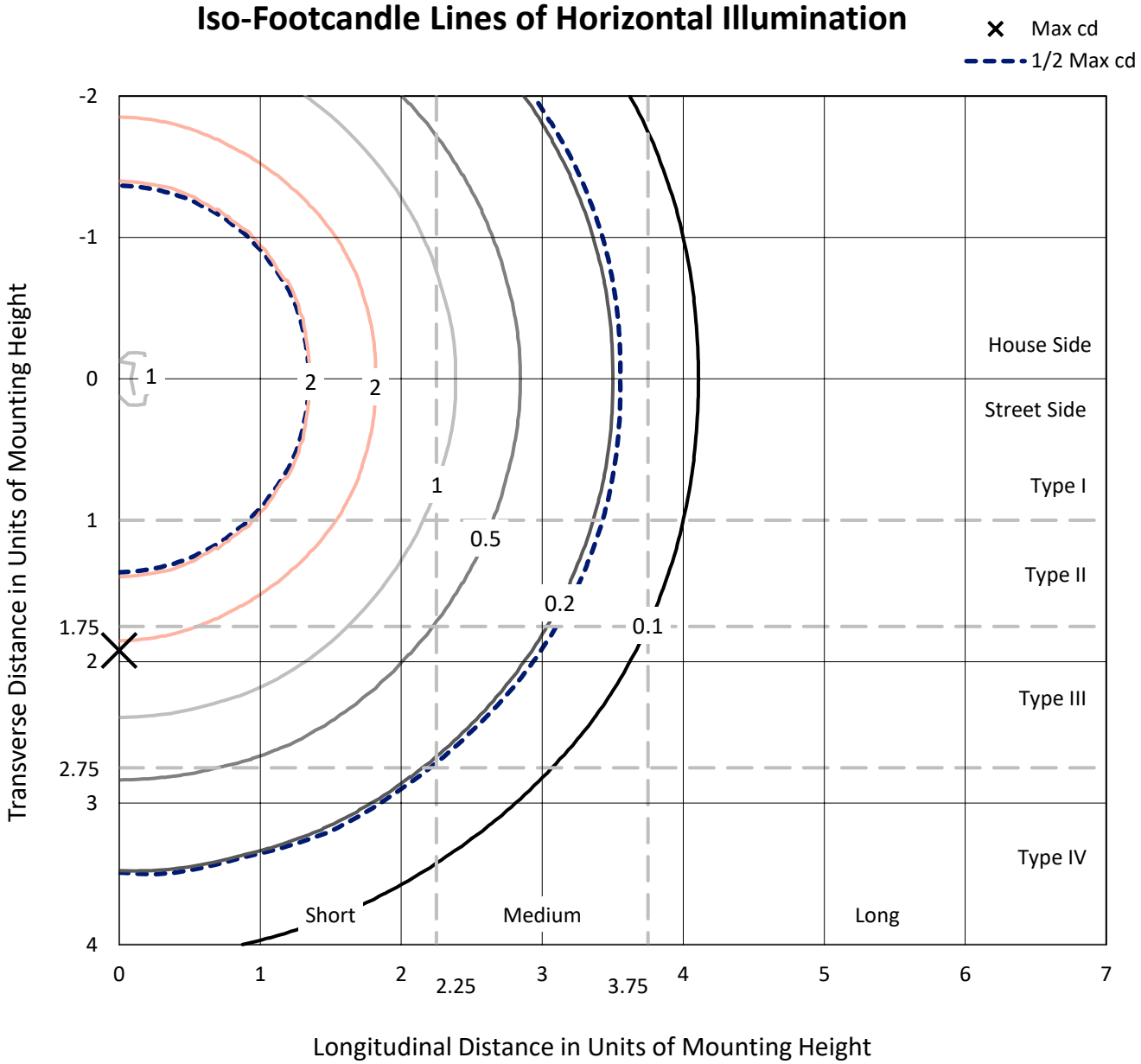


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REPORT NUMBER: P981111
CATALOG NUMBER: FFX-CLB-80-730-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



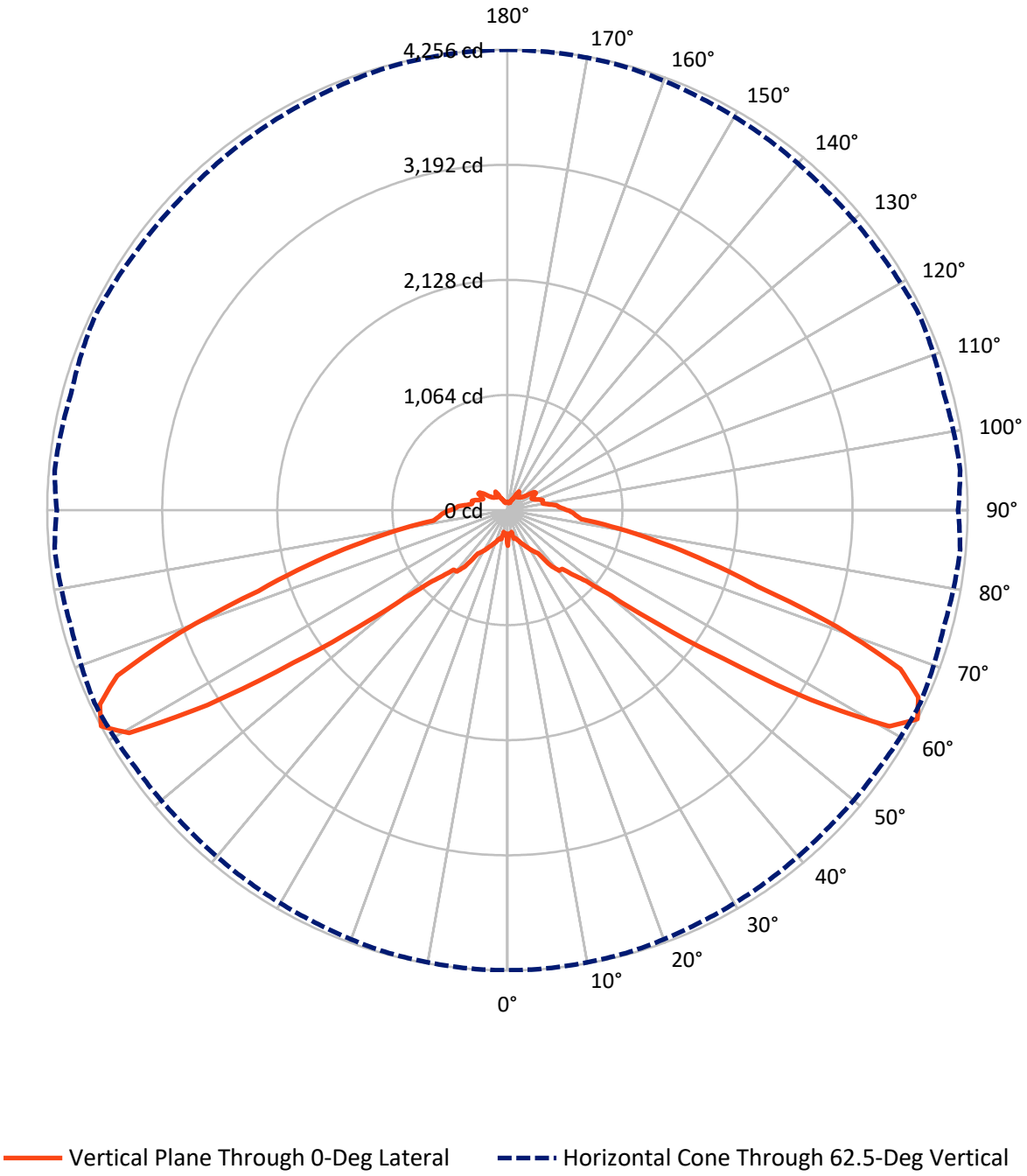
Based on 15 foot mounting height. Maximum calculated value = 2.3 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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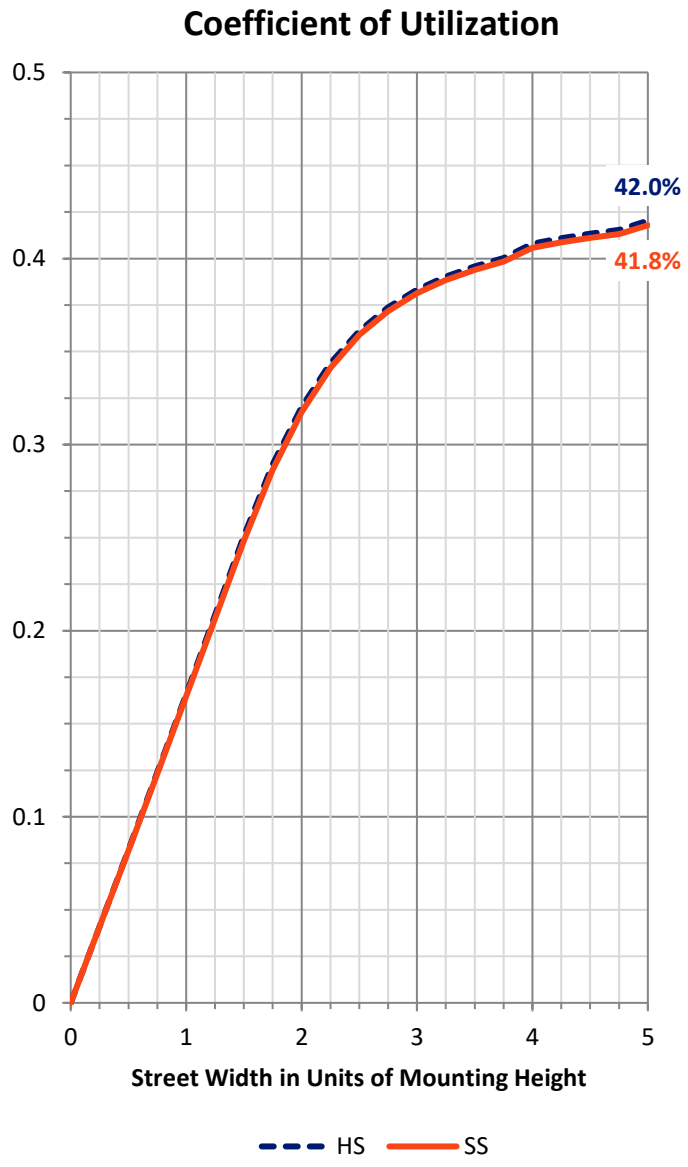
REPORT NUMBER: P981111
CATALOG NUMBER: FFX-CLB-80-730-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5257.2	782.2	6039.4
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	5257.2	782.2	6039.4
	% Fixture	43.5	6.5	50.0
Total	Lumens	10514.4	1564.4	12078.8
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.6	0.2
10°-20°	76.6	0.6
20°-30°	167.9	1.4
30°-40°	345.0	2.9
40°-50°	712.3	5.9
50°-60°	2326.6	19.3
60°-70°	3922.7	32.5
70°-80°	2135.2	17.7
80°-90°	807.5	6.7
90°-100°	490.8	4.1
100°-110°	309.6	2.6
110°-120°	235.5	1.9
120°-130°	201.3	1.7
130°-140°	135.3	1.1
140°-150°	111.4	0.9
150°-160°	52.6	0.4
160°-170°	20.9	0.2
170°-180°	6.9	0.1
0°-90°	10514.4	87.0
0°-180°	12078.8	100.0



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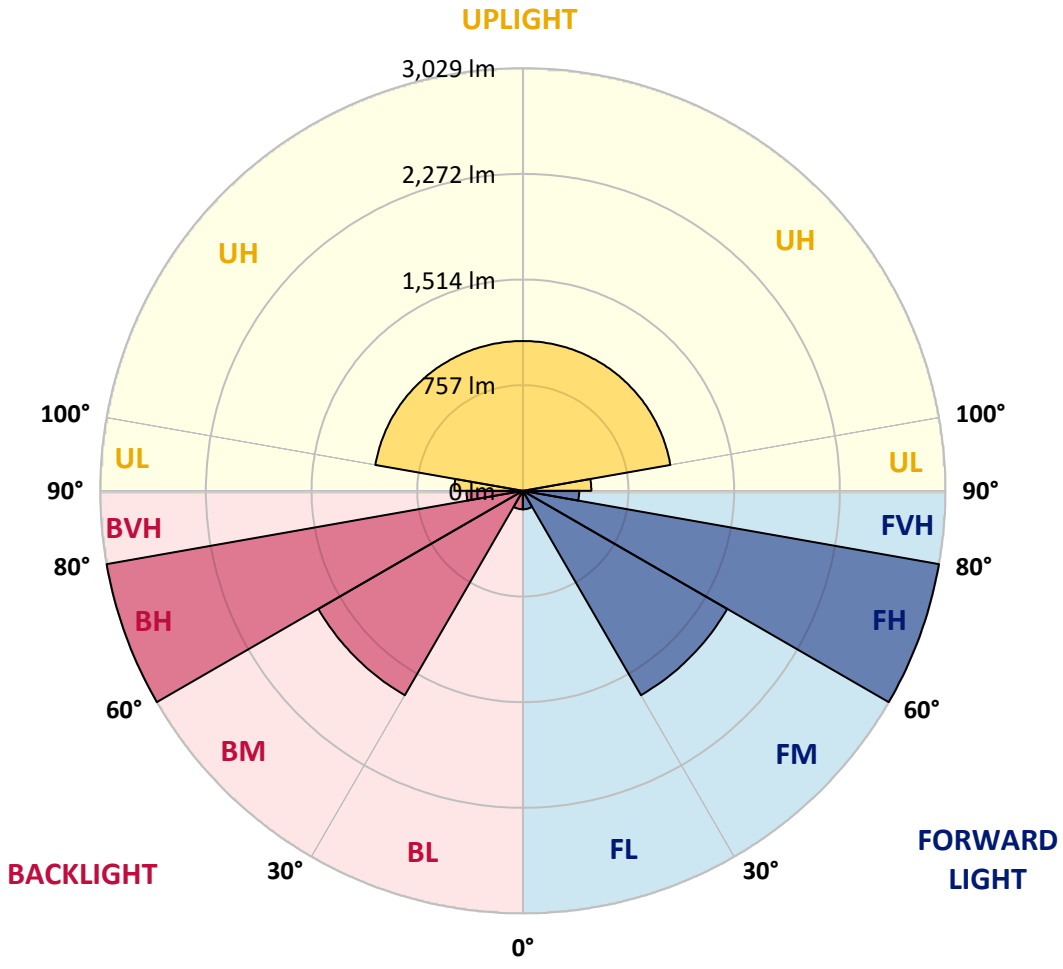
Scaled Data Report

REPORT NUMBER: P981111
CATALOG NUMBER: FFX-CLB-80-730-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°)	132.5	1.1			
FM	(30°-60°)	1691.9	14.0			
FH	(60°-80°)	3029.0	25.1			G2/5000
FVH	(80°-90°)	403.8	3.3			G3/500
BL	(0°-30°)	132.5	1.1	B1/500		
BM	(30°-60°)	1691.9	14.0	B2/2500		
BH	(60°-80°)	3029.0	25.1	B4/5000		G2/5000
BVH	(80°-90°)	403.8	3.3			G3/500
UL	(90°-100°)	490.8	4.1		U3/500	
UH	(100°-180°)	1073.5	8.9		U5	

BUG Rating: B4-U5-G3
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	328.9	328.9	328.9	328.9	328.9	328.9	328.9	328.9	328.9	328.9	328.9
2.5°	219.0	227.8	276.3	316.2	315.4	287.5	251.7	254.8	276.3	295.5	300.2
5°	220.6	217.4	215.0	205.5	202.3	207.1	203.9	194.3	190.3	191.1	206.3
7.5°	229.4	225.4	202.3	184.8	182.4	192.7	215.0	215.0	191.1	172.8	172.0
10°	206.3	205.5	213.4	221.4	223.8	214.2	204.7	199.9	198.3	196.7	195.1
12.5°	272.4	269.2	252.5	242.1	240.5	245.3	252.5	250.1	238.1	231.7	231.7
15°	270.8	272.4	274.7	270.8	270.0	270.8	274.7	272.4	268.4	263.6	263.6
17.5°	285.9	286.7	287.5	289.1	287.5	285.1	285.1	284.3	285.1	286.7	286.7
20°	309.0	309.8	309.8	309.8	309.0	304.2	304.2	305.0	304.2	305.8	305.0
22.5°	334.5	333.7	333.7	333.7	331.3	327.3	326.5	327.3	324.9	324.9	324.9
25°	359.2	360.8	363.1	362.4	358.4	355.2	352.8	353.6	352.0	352.0	352.0
27.5°	390.2	388.6	393.4	391.8	387.8	387.8	385.4	385.4	383.1	382.3	381.5
30°	425.3	424.5	424.5	425.3	423.7	422.1	422.1	420.5	416.5	417.3	418.9
32.5°	459.5	458.7	457.1	457.9	457.1	454.7	458.7	458.7	457.1	457.9	462.7
35°	493.0	497.7	508.9	516.8	519.2	518.4	521.6	527.2	523.2	520.8	523.2
37.5°	652.2	649.0	637.1	629.9	631.5	635.5	626.7	620.4	616.4	615.6	619.6
40°	735.9	732.7	715.1	716.7	704.8	708.8	712.8	718.3	714.3	705.6	705.6
42.5°	743.0	743.8	768.5	805.9	794.8	770.9	748.6	759.7	776.5	786.8	790.8
45°	852.9	863.3	863.3	865.7	866.5	867.3	851.3	858.5	872.0	888.8	888.0
47.5°	979.5	985.9	989.9	994.7	992.3	994.7	1015.4	1009.8	1024.9	1023.3	1021.8
50°	1244.7	1271.8	1276.6	1294.9	1283.8	1286.1	1324.4	1327.6	1327.6	1325.2	1328.4
52.5°	1766.4	1790.3	1786.3	1745.7	1765.6	1801.4	1842.8	1813.3	1855.6	1834.9	1825.3
55°	2428.9	2429.7	2456.0	2512.6	2538.8	2511.0	2533.3	2478.3	2570.7	2581.9	2554.0
57.5°	3308.1	3324.9	3330.4	3344.8	3324.1	3320.9	3336.8	3302.6	3345.6	3303.4	3320.1
60°	4059.9	4038.4	3977.1	3890.3	3899.9	3934.1	3996.2	3974.7	3944.5	3885.5	3872.0
62.5°	4255.8	4252.6	4239.9	4208.1	4188.9	4173.8	4181.8	4214.4	4176.2	4202.5	4167.4
65°	4175.4	4173.0	4185.0	4212.8	4192.1	4141.2	4096.6	4149.9	4126.0	4213.6	4188.1
67.5°	3918.2	3907.8	3895.9	3947.6	3915.0	3841.7	3809.1	3813.8	3799.5	3887.1	3861.6
70°	3231.7	3215.0	3237.3	3319.3	3272.3	3207.0	3169.6	3185.5	3189.5	3245.2	3254.0
72.5°	2421.8	2442.5	2464.8	2519.7	2508.6	2472.7	2493.5	2517.3	2540.4	2561.1	2552.4
75°	1916.9	1941.6	1897.0	1924.0	1914.5	1942.4	1961.5	1972.6	1970.2	1948.7	1939.2
77.5°	1457.4	1477.3	1466.9	1459.0	1466.1	1494.0	1554.5	1547.4	1513.1	1476.5	1483.6
80°	1048.0	1083.1	1087.1	1083.9	1099.0	1103.0	1153.9	1140.4	1112.5	1111.7	1119.7
82.5°	686.5	702.4	752.6	797.2	809.1	789.2	822.7	835.4	842.6	843.4	841.0
85°	635.5	653.0	641.1	665.0	670.5	676.1	681.7	686.5	694.4	701.6	704.8
87.5°	600.5	629.1	627.5	643.5	641.9	653.0	663.4	666.6	657.0	646.7	643.5
90°	536.8	559.9	568.6	578.2	582.9	581.4	590.1	590.1	583.7	579.0	577.4
92.5°	481.8	494.5	502.5	514.5	517.6	516.1	524.8	520.8	521.6	523.2	524.8
95°	455.5	461.1	458.7	463.5	457.1	451.5	454.7	450.0	447.6	443.6	443.6
97.5°	380.7	379.9	379.9	381.5	378.3	373.5	375.9	375.1	375.9	375.9	372.7
100°	333.7	332.9	328.1	327.3	326.5	324.9	322.5	323.3	323.3	322.5	323.3
102.5°	332.9	325.7	315.4	304.2	304.2	301.8	302.6	301.8	301.0	296.3	293.9
105°	339.3	328.1	310.6	288.3	285.1	285.9	288.3	287.5	284.3	279.5	276.3
107.5°	313.8	301.0	290.7	276.3	272.4	271.6	273.2	274.0	270.8	264.4	259.6
110°	277.9	273.2	268.4	262.8	258.8	258.0	258.0	258.0	254.8	252.5	246.9

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CATALOG NUMBER: FFX-CLB-80-730-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*262.0*	256.4	250.9	246.1	243.7	242.9	241.3	239.7	237.3	234.9	231.7
115°	*246.9*	246.9	242.9	225.4	221.4	220.6	219.8	219.8	219.8	219.8	219.0
117.5°	*267.6*	265.2	250.1	227.8	220.6	216.6	213.4	215.0	214.2	219.8	218.2
120°	*306.6*	289.1	256.4	240.5	234.1	230.9	231.7	232.5	231.7	230.2	227.0
122.5°	*303.4*	284.3	264.4	252.5	245.3	244.5	247.7	246.9	239.7	228.6	219.8
125°	*266.8*	256.4	244.5	233.3	229.4	227.8	229.4	227.0	222.2	216.6	207.9
127.5°	*207.1*	205.5	199.1	194.3	195.1	197.5	201.5	201.5	199.1	195.9	191.1
130°	*185.6*	184.0	184.8	186.4	185.6	185.6	181.6	178.4	184.0	188.7	186.4
132.5°	*171.2*	172.0	180.0	191.9	189.5	183.2	173.6	172.0	180.8	190.3	189.5
135°	*164.8*	165.6	172.0	184.0	180.8	172.8	168.8	169.6	174.4	179.2	178.4
137.5°	*164.8*	164.8	163.3	167.2	167.2	167.2	166.4	168.8	172.0	172.0	169.6
140°	*162.5*	164.1	159.3	160.1	162.5	164.8	165.6	168.8	169.6	168.8	165.6
142.5°	*148.9*	150.5	155.3	161.7	163.3	164.8	169.6	168.8	168.8	168.8	167.2
145°	*183.2*	183.2	187.1	192.7	190.3	187.1	188.7	189.5	191.1	192.7	191.1
147.5°	*202.3*	202.3	197.5	195.9	191.9	191.9	196.7	195.9	195.1	193.5	194.3
150°	*167.2*	166.4	162.5	160.9	160.9	159.3	161.7	161.7	159.3	157.7	158.5
152.5°	*119.5*	120.3	118.7	120.3	122.6	125.0	127.4	129.0	129.0	129.0	127.4
155°	*108.3*	106.7	105.9	107.5	108.3	107.5	105.9	105.9	105.9	104.3	103.5
157.5°	*94.0*	93.2	92.4	93.2	93.2	94.0	94.8	95.6	95.6	94.0	93.2
160°	*81.2*	81.2	81.2	82.0	82.0	81.2	80.4	81.2	82.8	82.8	82.8
162.5°	*73.3*	74.1	74.9	76.5	76.5	74.9	73.3	73.3	74.9	76.5	76.5
165°	*67.7*	67.7	69.3	72.5	73.3	70.9	68.5	68.5	70.9	74.1	74.9
167.5°	*67.7*	68.5	70.9	73.3	72.5	70.1	67.7	67.7	70.1	72.5	72.5
170°	*72.5*	72.5	71.7	70.9	70.1	70.1	70.1	70.9	71.7	70.9	70.9
172.5°	*76.5*	75.7	73.3	70.9	70.1	72.5	74.1	73.3	72.5	70.9	70.9
175°	*78.0*	77.2	75.7	74.1	74.1	75.7	76.5	74.9	73.3	72.5	71.7
177.5°	*70.1*	70.1	69.3	69.3	70.1	69.3	69.3	69.3	68.5	67.7	66.9
180°	*60.5*	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5

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

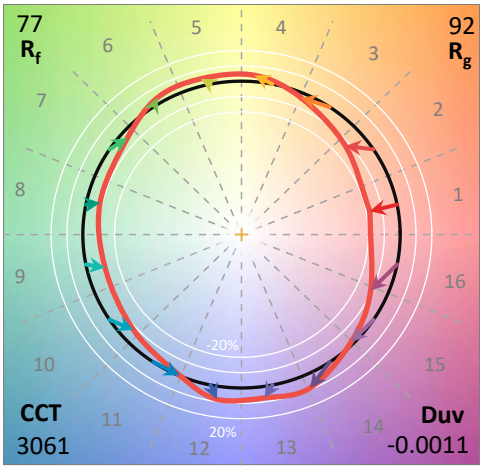
Test Information

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

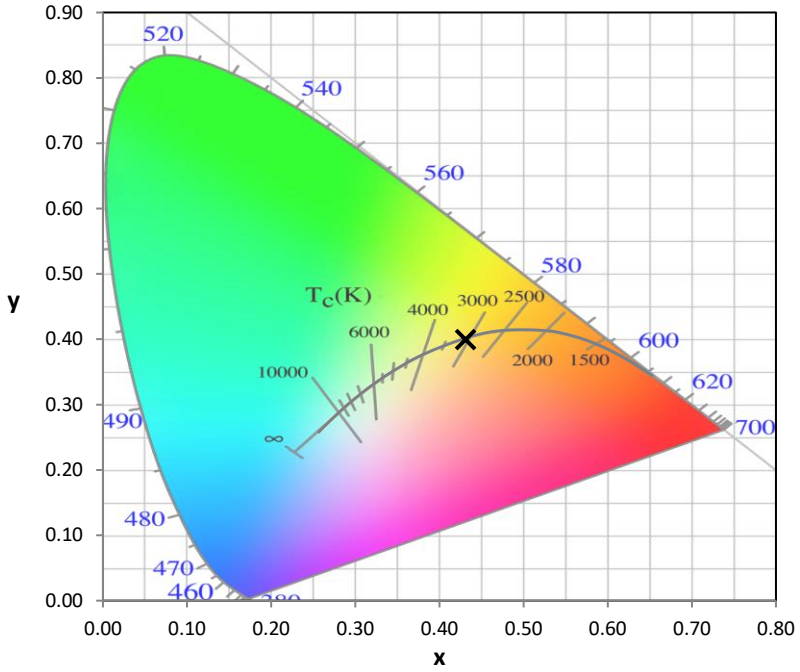
Stabilization Time:	56M
Operation Time:	1H 56M
Sphere Temperature (°C):	24.8

REPORT NUMBER: SP1-2501-332-4

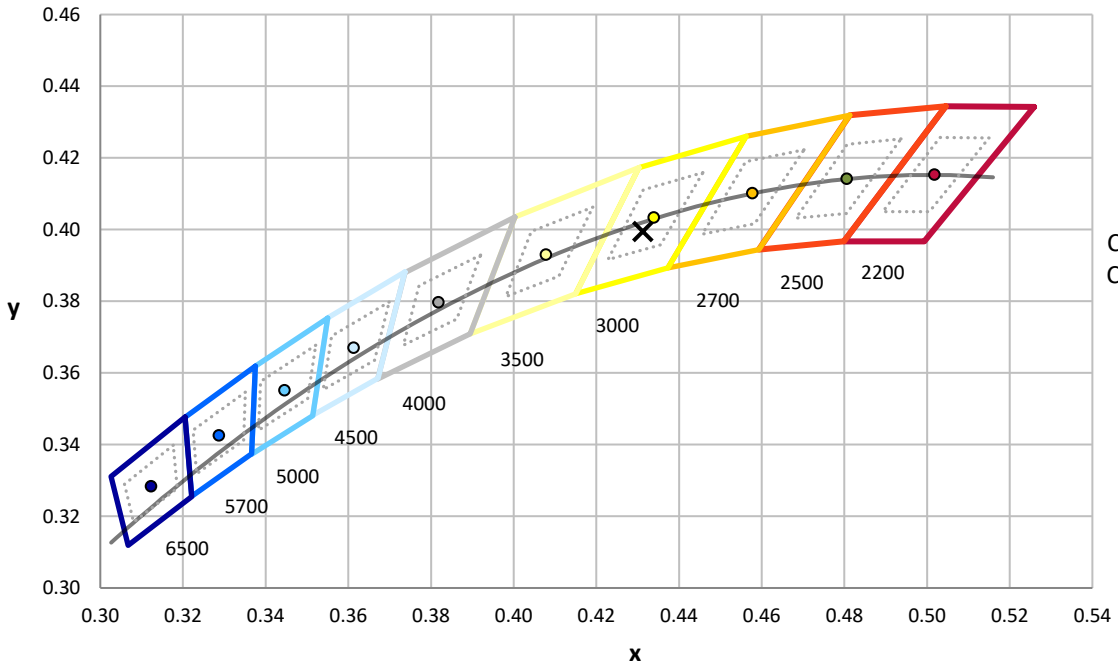
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

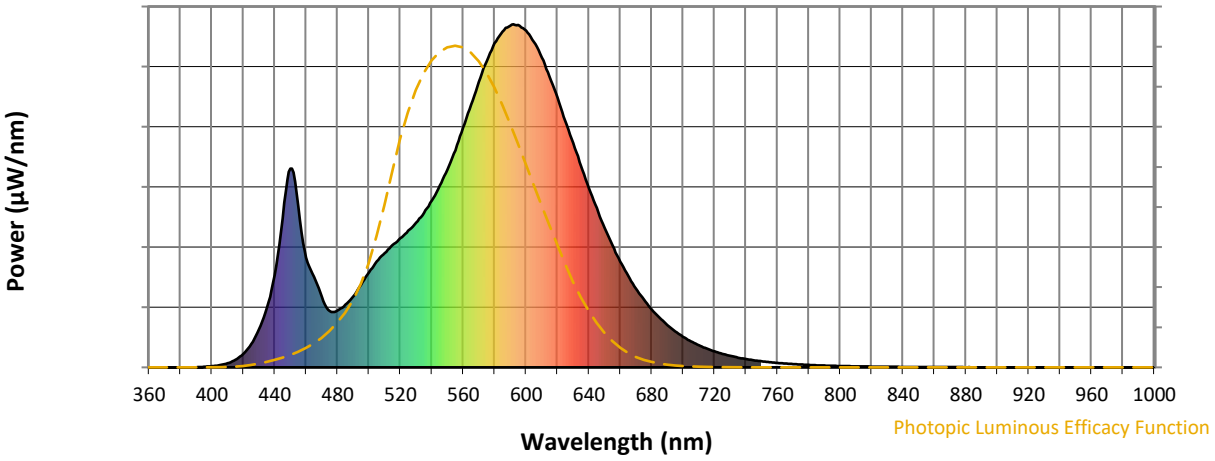


CCT = 3061K
CIE x = 0.4312
CIE y = 0.3995
Duv = -0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-4

Photopic Flux vs. Wavelength

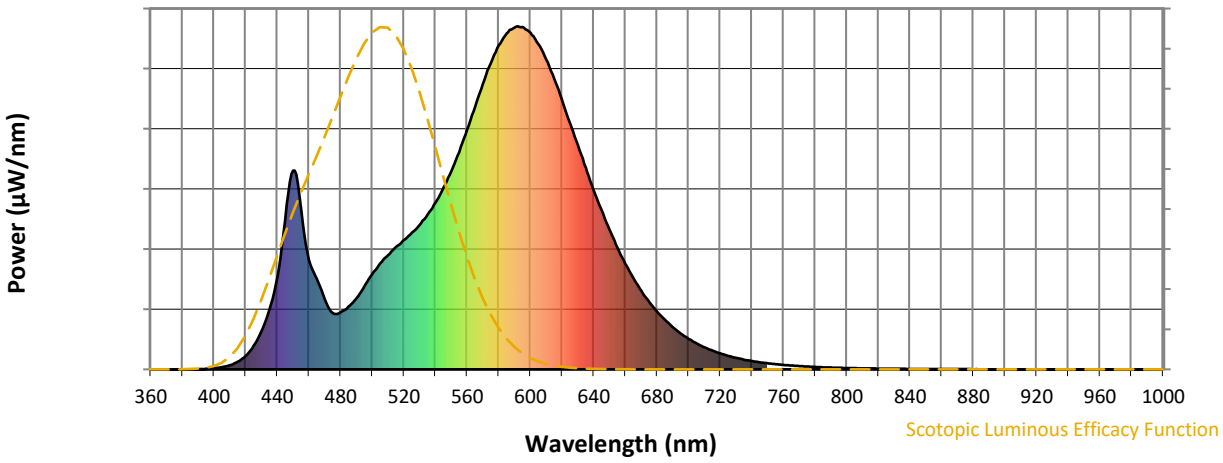


Photopic Lumens: NR

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

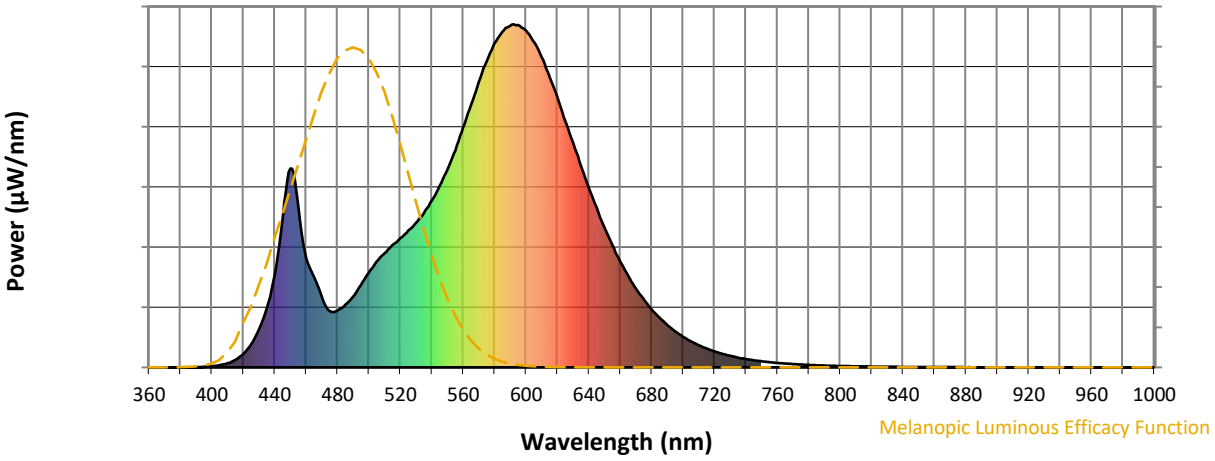


Scotopic Lumens: NR **S/P: 1.29**

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			

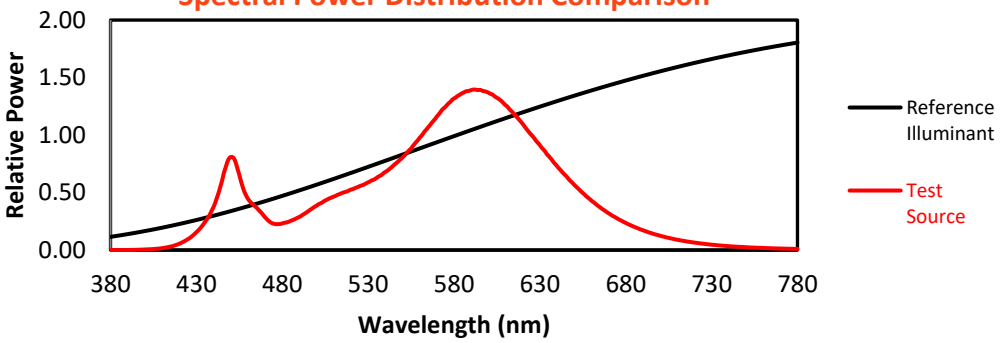
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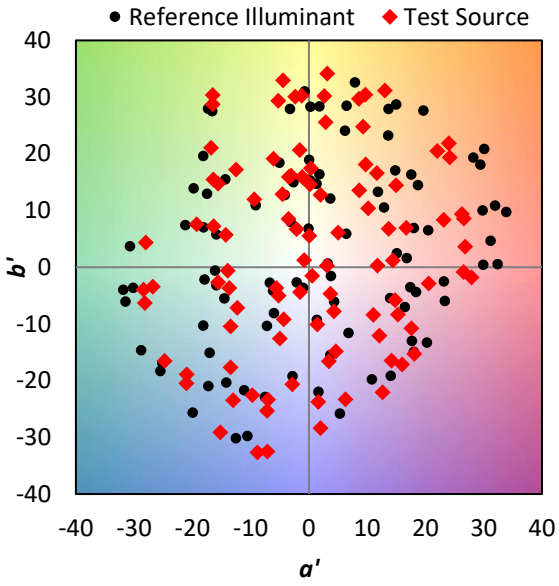
Summary

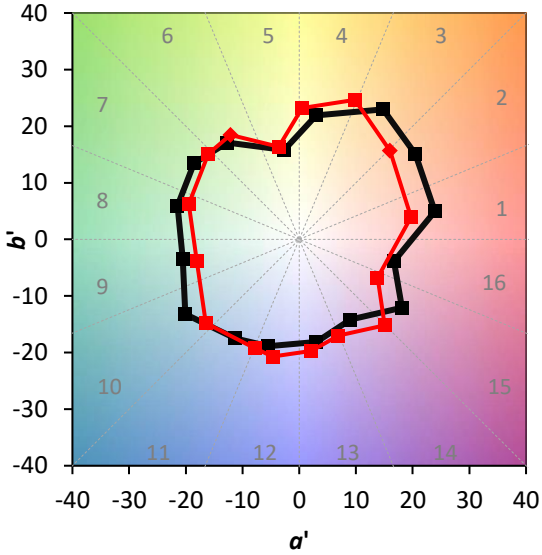
R_f = 76.8
R_g = 92.2
CIE R_a = 71.7
R_9 = -40.3

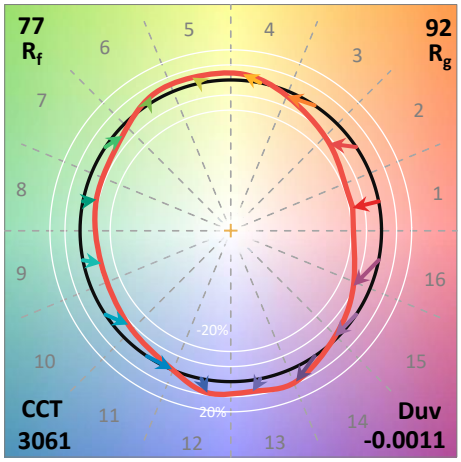
Spectral Power Distribution Comparison

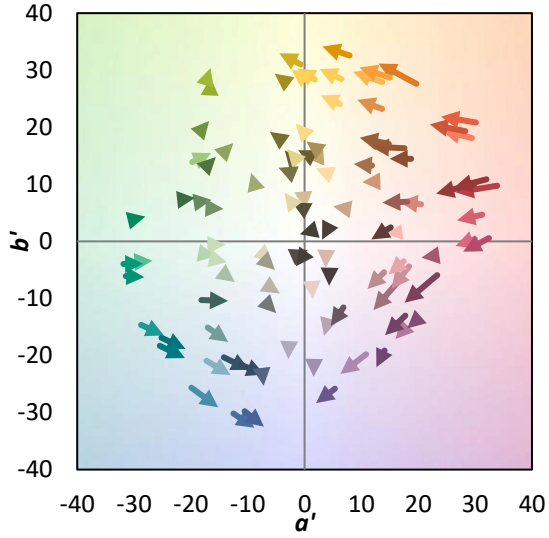


Color Vector Graphics







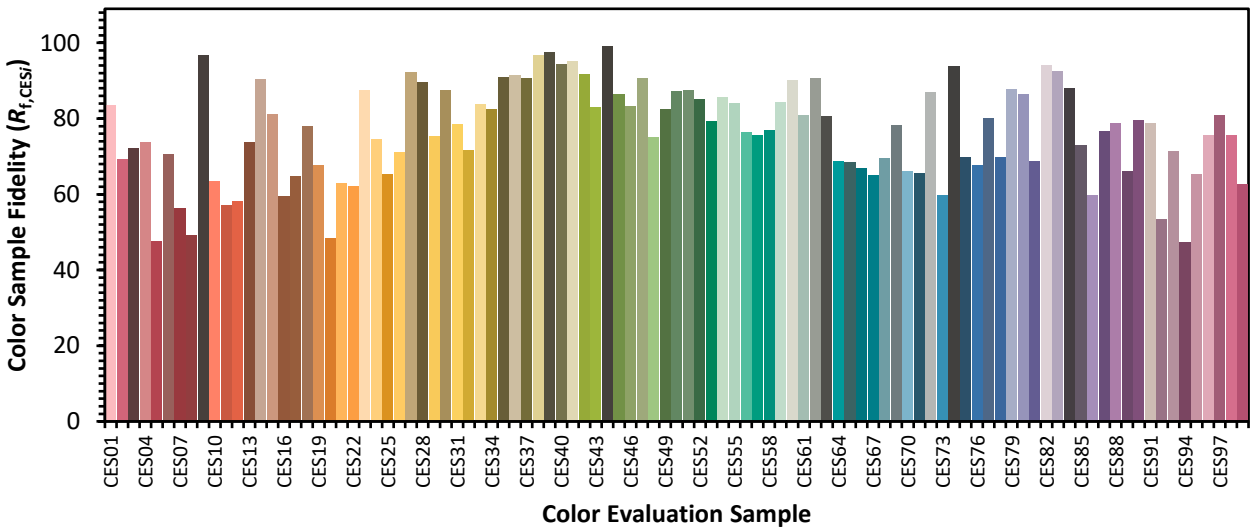


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Individual Sample Fidelity Index ($R_{f,i}$)

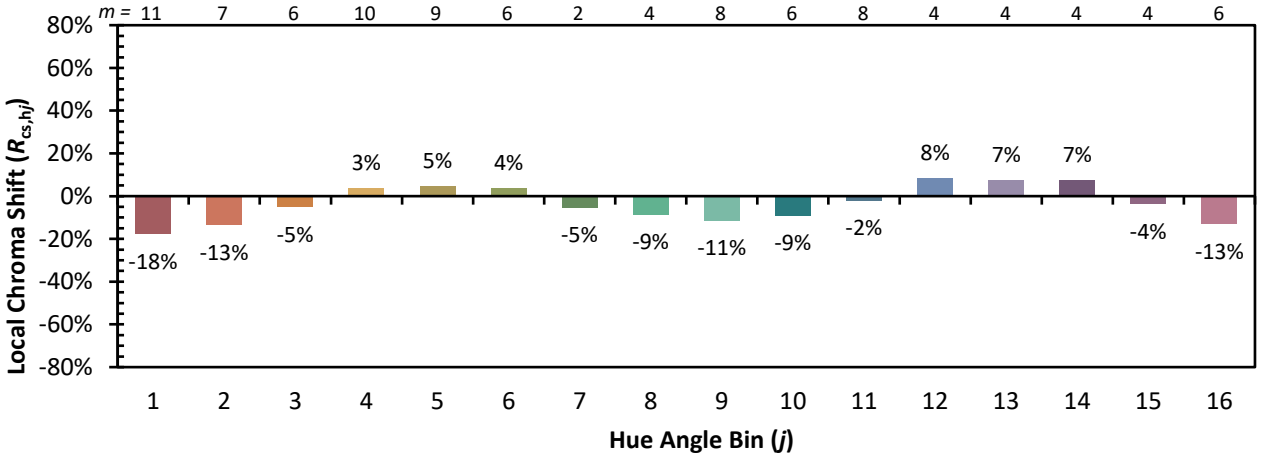
CES01 = 86	CES26 = 71	CES51 = 88	CES76 = 68
CES02 = 62	CES27 = 92	CES52 = 85	CES77 = 80
CES03 = 31	CES28 = 90	CES53 = 79	CES78 = 70
CES04 = 71	CES29 = 75	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 79	CES56 = 76	CES81 = 69
CES07 = 41	CES32 = 72	CES57 = 76	CES82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

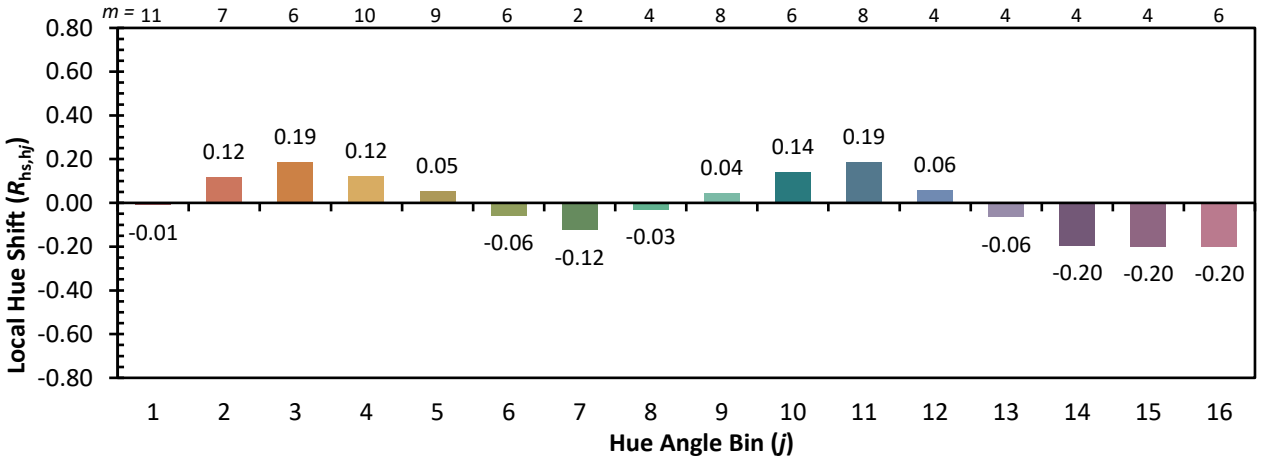


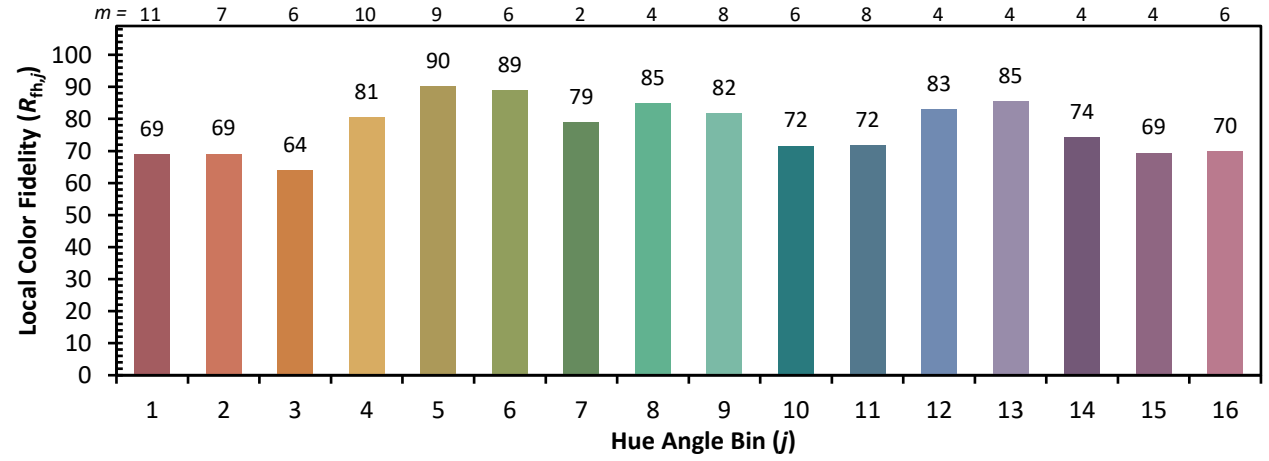
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Color Rendition by Hue-Angle Bin



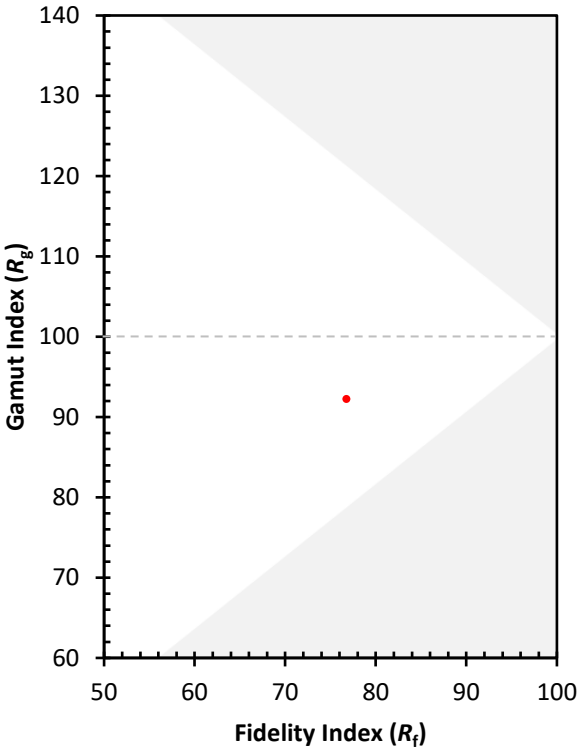


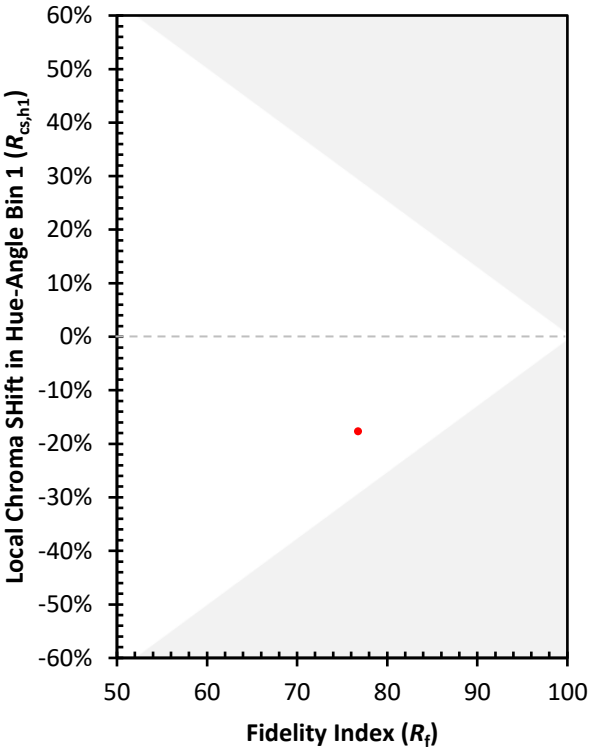


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Measure Comparisons





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