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: P981106

Luminaire Tested: **FFX-CLB-40-727-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:	P981106
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-40-727-U-FR-T5-UPLR
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS AND UPLIGHT REFLECTOR
Light Source:	(6) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5714.9 lumens
Efficiency:	N/A
Efficacy:	145.0 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B3 - U4 - G2

Input Watts (W):	39.4
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

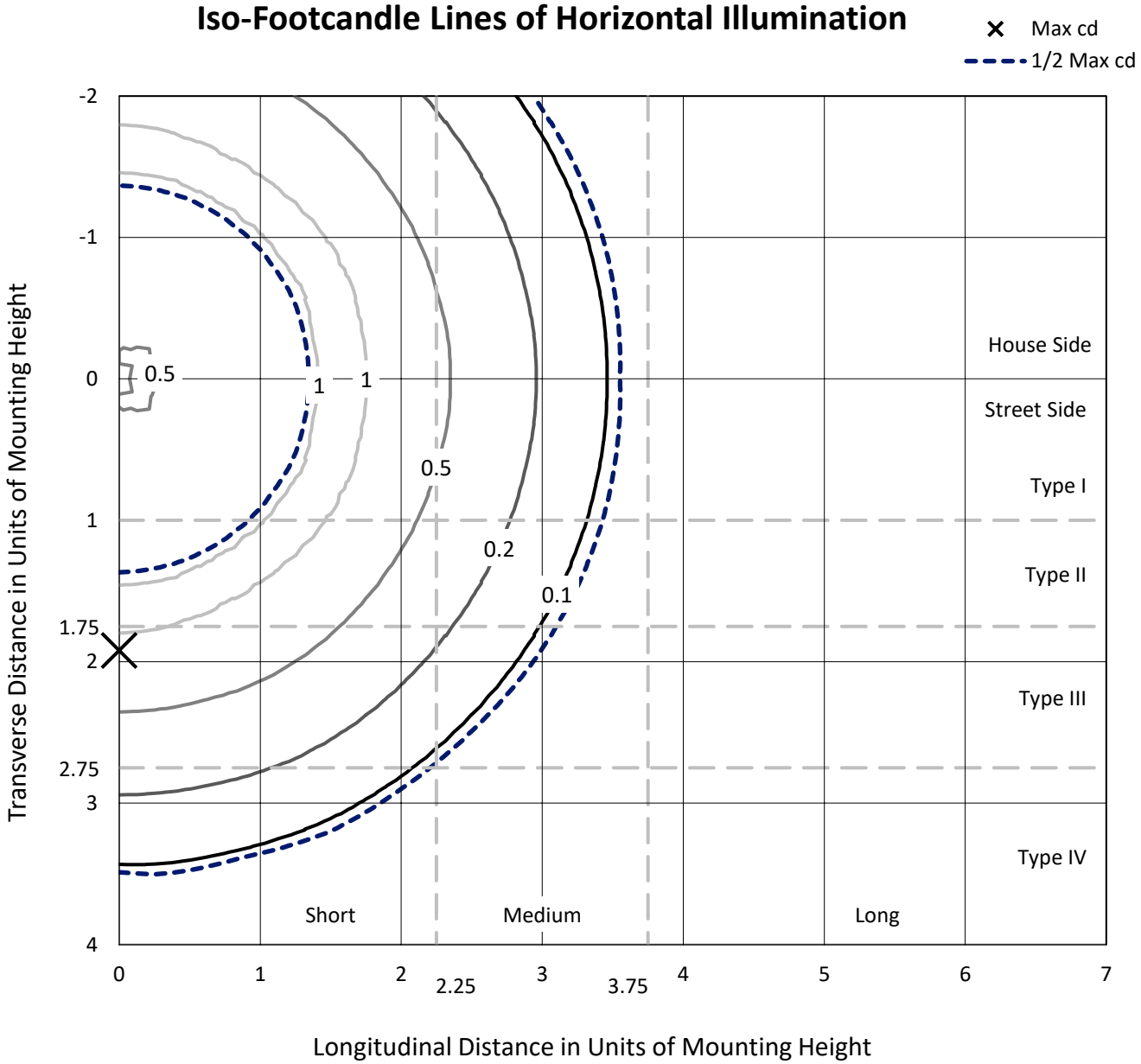


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REPORT NUMBER: P981106
CATALOG NUMBER: FFX-CLB-40-727-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



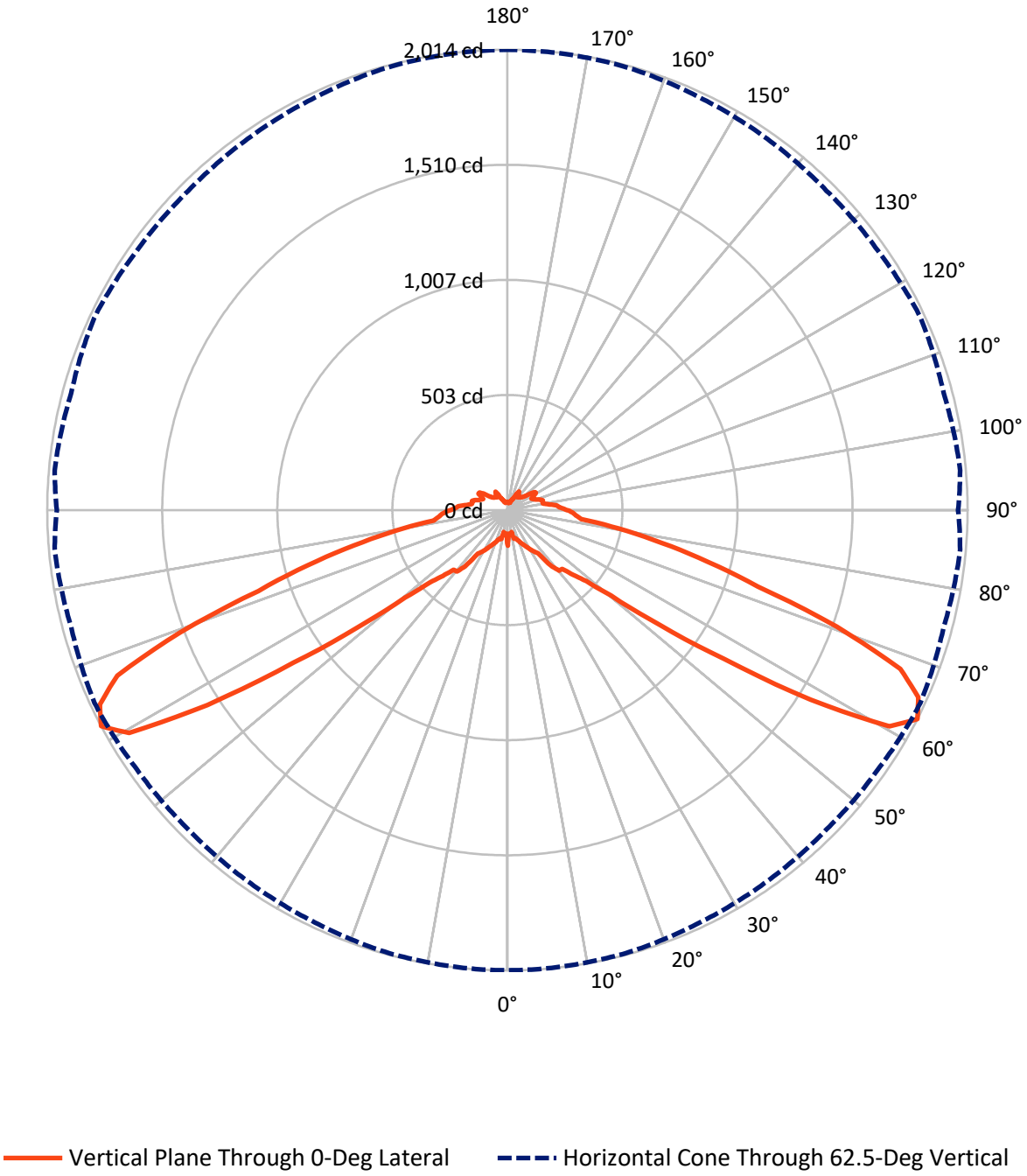
Based on 15 foot mounting height. Maximum calculated value = 1.1 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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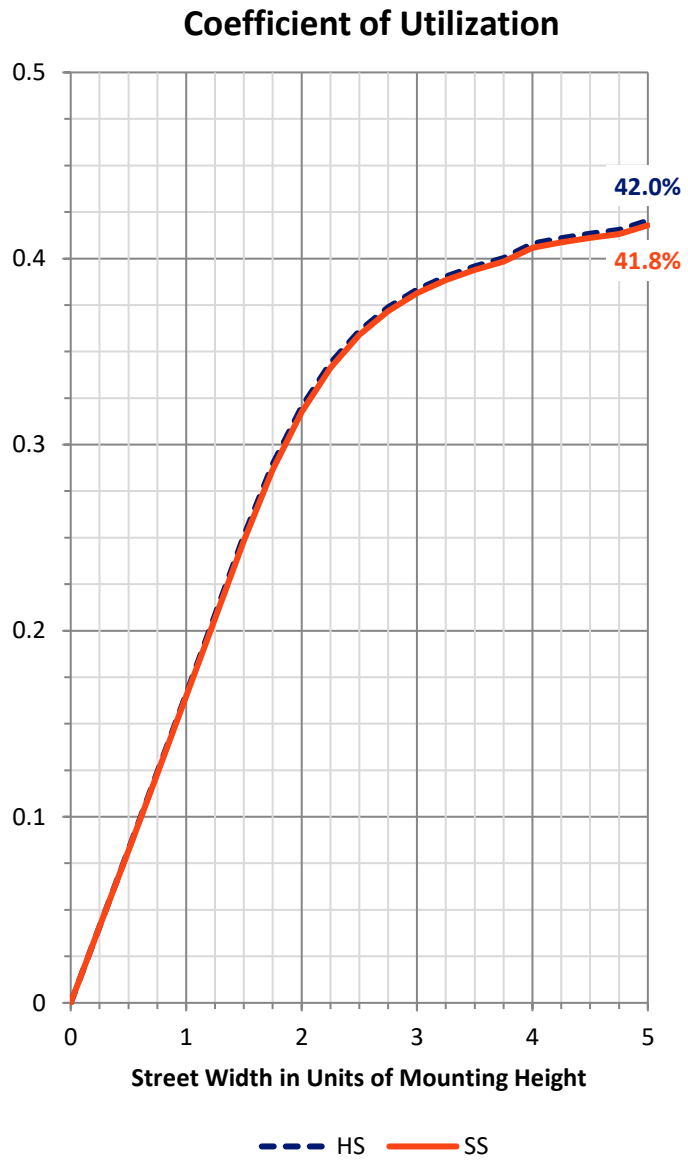
REPORT NUMBER: P981106
CATALOG NUMBER: FFX-CLB-40-727-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2487.4	370.1	2857.5
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	2487.4	370.1	2857.5
	% Fixture	43.5	6.5	50.0
Total	Lumens	4974.8	740.2	5714.9
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.7	0.2
10°-20°	36.2	0.6
20°-30°	79.4	1.4
30°-40°	163.2	2.9
40°-50°	337.0	5.9
50°-60°	1100.8	19.3
60°-70°	1856.0	32.5
70°-80°	1010.3	17.7
80°-90°	382.1	6.7
90°-100°	232.2	4.1
100°-110°	146.5	2.6
110°-120°	111.4	1.9
120°-130°	95.2	1.7
130°-140°	64.0	1.1
140°-150°	52.7	0.9
150°-160°	24.9	0.4
160°-170°	9.9	0.2
170°-180°	3.3	0.1
0°-90°	4974.8	87.0
0°-180°	5714.9	100.0



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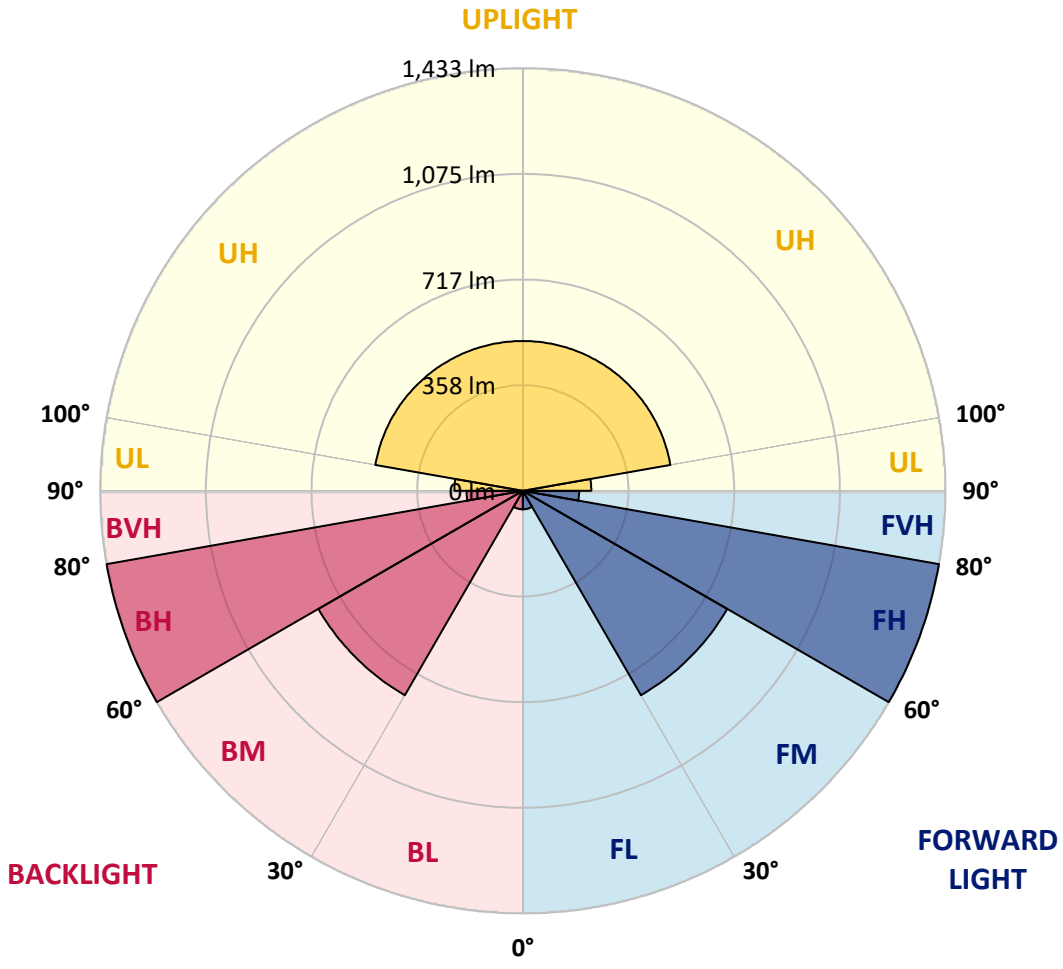
Scaled Data Report

REPORT NUMBER: P981106
CATALOG NUMBER: FFX-CLB-40-727-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°)	62.7	1.1			
FM	(30°-60°)	800.5	14.0			
FH	(60°-80°)	1433.1	25.1			G1/1800
FVH	(80°-90°)	191.0	3.3			G2/225
BL	(0°-30°)	62.7	1.1	B0/110		
BM	(30°-60°)	800.5	14.0	B1/1000		
BH	(60°-80°)	1433.1	25.1	B3/2500		G1/1800
BVH	(80°-90°)	191.0	3.3			G2/225
UL	(90°-100°)	232.2	4.1		U3/500	
UH	(100°-180°)	507.9	8.9		U4/1000	

BUG Rating: B3-U4-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6
2.5°	103.6	107.8	130.7	149.6	149.2	136.0	119.1	120.6	130.7	139.8	142.1
5°	104.4	102.9	101.7	97.2	95.7	98.0	96.5	91.9	90.1	90.4	97.6
7.5°	108.5	106.6	95.7	87.4	86.3	91.2	101.7	101.7	90.4	81.8	81.4
10°	97.6	97.2	101.0	104.7	105.9	101.4	96.8	94.6	93.8	93.1	92.3
12.5°	128.9	127.4	119.4	114.5	113.8	116.1	119.4	118.3	112.7	109.6	109.6
15°	128.1	128.9	130.0	128.1	127.7	128.1	130.0	128.9	127.0	124.7	124.7
17.5°	135.3	135.6	136.0	136.8	136.0	134.9	134.9	134.5	134.9	135.6	135.6
20°	146.2	146.6	146.6	146.6	146.2	143.9	143.9	144.3	143.9	144.7	144.3
22.5°	158.3	157.9	157.9	157.9	156.7	154.9	154.5	154.9	153.7	153.7	153.7
25°	169.9	170.7	171.8	171.4	169.6	168.1	166.9	167.3	166.5	166.5	166.5
27.5°	184.6	183.9	186.1	185.4	183.5	183.5	182.4	182.4	181.2	180.9	180.5
30°	201.2	200.8	200.8	201.2	200.5	199.7	199.7	198.9	197.1	197.4	198.2
32.5°	217.4	217.0	216.3	216.7	216.3	215.2	217.0	217.0	216.3	216.7	218.9
35°	233.2	235.5	240.8	244.5	245.7	245.3	246.8	249.4	247.6	246.4	247.6
37.5°	308.6	307.1	301.4	298.0	298.8	300.7	296.5	293.5	291.6	291.3	293.1
40°	348.2	346.7	338.4	339.1	333.5	335.3	337.2	339.9	338.0	333.8	333.8
42.5°	351.6	351.9	363.6	381.3	376.0	364.7	354.2	359.5	367.4	372.3	374.2
45°	403.5	408.4	408.4	409.6	410.0	410.3	402.8	406.2	412.6	420.5	420.1
47.5°	463.5	466.5	468.4	470.6	469.5	470.6	480.4	477.8	484.9	484.2	483.4
50°	588.9	601.7	604.0	612.7	607.4	608.5	626.6	628.1	628.1	627.0	628.5
52.5°	835.7	847.0	845.2	825.9	835.4	852.3	871.9	858.0	877.9	868.1	863.6
55°	1149.2	1149.6	1162.0	1188.8	1201.2	1188.0	1198.6	1172.6	1216.3	1221.6	1208.4
57.5°	1565.2	1573.1	1575.8	1582.5	1572.7	1571.2	1578.8	1562.6	1582.9	1563.0	1570.9
60°	1920.9	1910.7	1881.7	1840.7	1845.2	1861.4	1890.8	1880.6	1866.3	1838.4	1832.0
62.5°	2013.6	2012.1	2006.1	1991.0	1981.9	1974.8	1978.6	1994.0	1975.9	1988.4	1971.8
65°	1975.5	1974.4	1980.1	1993.3	1983.5	1959.3	1938.2	1963.5	1952.2	1993.6	1981.6
67.5°	1853.8	1848.9	1843.3	1867.8	1852.3	1817.7	1802.2	1804.5	1797.7	1839.1	1827.1
70°	1529.0	1521.1	1531.7	1570.5	1548.3	1517.4	1499.6	1507.2	1509.1	1535.4	1539.6
72.5°	1145.8	1155.6	1166.2	1192.2	1186.9	1170.0	1179.7	1191.1	1202.0	1211.8	1207.6
75°	906.9	918.6	897.5	910.3	905.8	919.0	928.0	933.3	932.2	922.0	917.5
77.5°	689.5	699.0	694.1	690.3	693.7	706.9	735.5	732.1	715.9	698.6	702.0
80°	495.9	512.4	514.3	512.8	520.0	521.9	546.0	539.6	526.4	526.0	529.8
82.5°	324.8	332.3	356.1	377.2	382.8	373.4	389.2	395.3	398.7	399.0	397.9
85°	300.7	309.0	303.3	314.6	317.3	319.9	322.5	324.8	328.6	332.0	333.5
87.5°	284.1	297.7	296.9	304.5	303.7	309.0	313.9	315.4	310.9	306.0	304.5
90°	254.0	264.9	269.0	273.6	275.8	275.1	279.2	279.2	276.2	273.9	273.2
92.5°	228.0	234.0	237.8	243.4	244.9	244.2	248.3	246.4	246.8	247.6	248.3
95°	215.5	218.2	217.0	219.3	216.3	213.6	215.2	212.9	211.8	209.9	209.9
97.5°	180.1	179.7	179.7	180.5	179.0	176.7	177.8	177.5	177.8	177.8	176.3
100°	157.9	157.5	155.2	154.9	154.5	153.7	152.6	153.0	153.0	152.6	153.0
102.5°	157.5	154.1	149.2	143.9	143.9	142.8	143.2	142.8	142.4	140.2	139.0
105°	160.5	155.2	147.0	136.4	134.9	135.3	136.4	136.0	134.5	132.3	130.7
107.5°	148.5	142.4	137.5	130.7	128.9	128.5	129.2	129.6	128.1	125.1	122.8
110°	131.5	129.2	127.0	124.3	122.5	122.1	122.1	122.1	120.6	119.4	116.8

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CATALOG NUMBER: FFX-CLB-40-727-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*124.0*	121.3	118.7	116.4	115.3	114.9	114.2	113.4	112.3	111.2	109.6
115°	*116.8*	116.8	114.9	106.6	104.7	104.4	104.0	104.0	104.0	104.0	103.6
117.5°	*126.6*	125.5	118.3	107.8	104.4	102.5	101.0	101.7	101.4	104.0	103.2
120°	*145.1*	136.8	121.3	113.8	110.8	109.3	109.6	110.0	109.6	108.9	107.4
122.5°	*143.6*	134.5	125.1	119.4	116.1	115.7	117.2	116.8	113.4	108.1	104.0
125°	*126.2*	121.3	115.7	110.4	108.5	107.8	108.5	107.4	105.1	102.5	98.3
127.5°	*98.0*	97.2	94.2	91.9	92.3	93.4	95.3	95.3	94.2	92.7	90.4
130°	*87.8*	87.0	87.4	88.2	87.8	87.8	85.9	84.4	87.0	89.3	88.2
132.5°	*81.0*	81.4	85.2	90.8	89.7	86.7	82.1	81.4	85.5	90.1	89.7
135°	*78.0*	78.4	81.4	87.0	85.5	81.8	79.9	80.3	82.5	84.8	84.4
137.5°	*78.0*	78.0	77.2	79.1	79.1	79.1	78.8	79.9	81.4	81.4	80.3
140°	*76.9*	77.6	75.4	75.7	76.9	78.0	78.4	79.9	80.3	79.9	78.4
142.5°	*70.5*	71.2	73.5	76.5	77.2	78.0	80.3	79.9	79.9	79.9	79.1
145°	*86.7*	86.7	88.5	91.2	90.1	88.5	89.3	89.7	90.4	91.2	90.4
147.5°	*95.7*	95.7	93.4	92.7	90.8	90.8	93.1	92.7	92.3	91.6	91.9
150°	*79.1*	78.8	76.9	76.1	76.1	75.4	76.5	76.5	75.4	74.6	75.0
152.5°	*56.5*	56.9	56.1	56.9	58.0	59.2	60.3	61.0	61.0	61.0	60.3
155°	*51.2*	50.5	50.1	50.9	51.2	50.9	50.1	50.1	50.1	49.4	49.0
157.5°	*44.5*	44.1	43.7	44.1	44.1	44.5	44.8	45.2	45.2	44.5	44.1
160°	*38.4*	38.4	38.4	38.8	38.8	38.4	38.1	38.4	39.2	39.2	39.2
162.5°	*34.7*	35.0	35.4	36.2	36.2	35.4	34.7	34.7	35.4	36.2	36.2
165°	*32.0*	32.0	32.8	34.3	34.7	33.5	32.4	32.4	33.5	35.0	35.4
167.5°	*32.0*	32.4	33.5	34.7	34.3	33.2	32.0	32.0	33.2	34.3	34.3
170°	*34.3*	34.3	33.9	33.5	33.2	33.2	33.2	33.5	33.9	33.5	33.5
172.5°	*36.2*	35.8	34.7	33.5	33.2	34.3	35.0	34.7	34.3	33.5	33.5
175°	*36.9*	36.5	35.8	35.0	35.0	35.8	36.2	35.4	34.7	34.3	33.9
177.5°	*33.2*	33.2	32.8	32.8	33.2	32.8	32.8	32.8	32.4	32.0	31.7
180°	*28.6*	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6

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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: SP1-2501-332-3

Test Date: 03/21/2025

Luminaire Tested: FFX-CLB-100-727-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-727-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

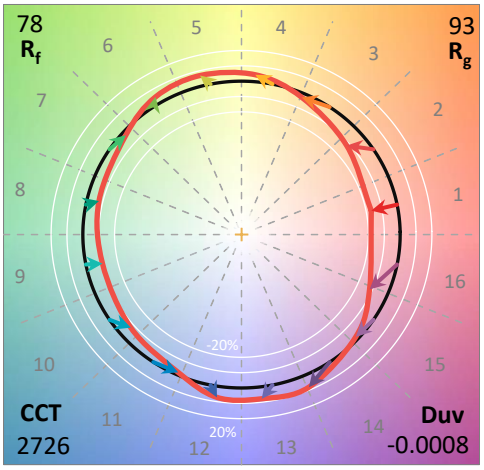
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-3
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-100-727-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	2726	CRI (Ra):	72.7		
CIE u':	0.2616	R1:	69.3	R9:	-32.4
CIE v':	0.5257	R2:	86.2	R10:	70.6
Duv:	-0.0008	R3:	92.5	R11:	63.6
CIE x:	0.4564	R4:	67.2	R12:	64.8
CIE y:	0.4077	R5:	69.7	R13:	72.8
CIE z:	0.1358	R6:	82.9	R14:	96.1
Peak Wavelength (nm):	599	R7:	74.2	R15:	60.3
Dominant Wavelength (nm):	584	R8:	39.5		
Purity:	59.39437				

Rf:	77.8
Rg:	93.1



Test Conditions

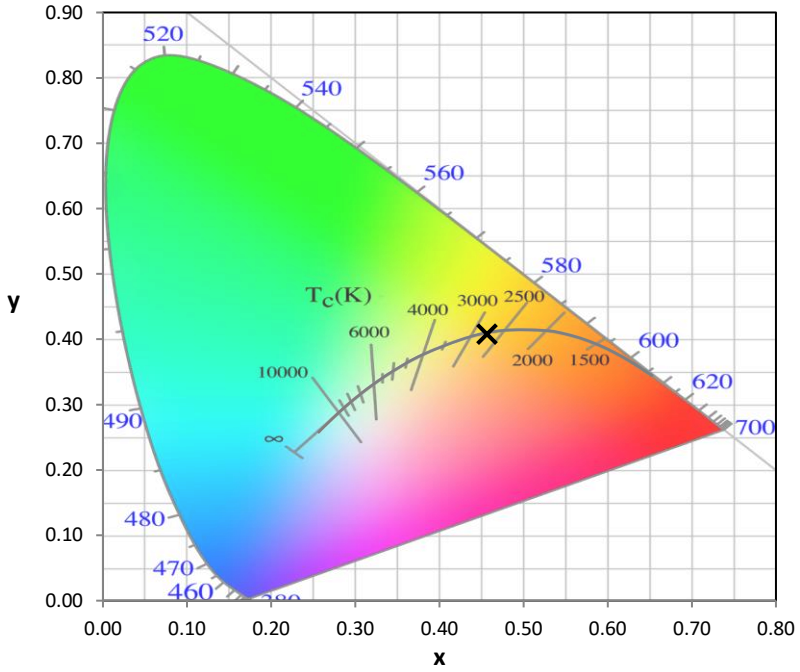
Stabilization Time:	75M
Operation Time:	2H 15M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-3

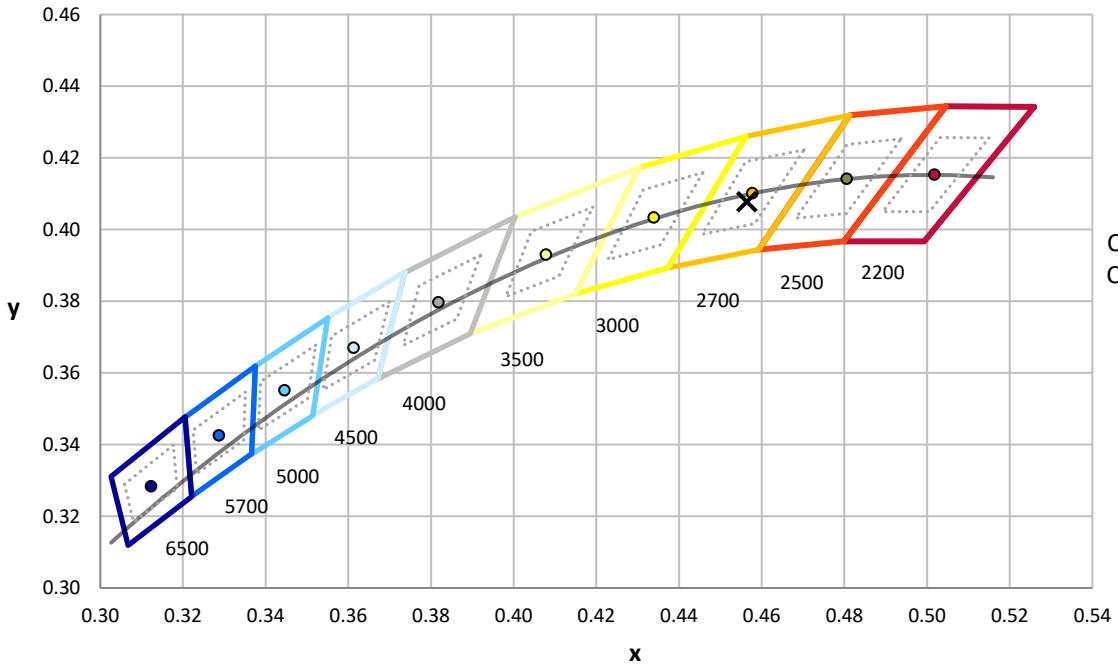
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-3

CIE 1931 Chromaticity Diagram



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

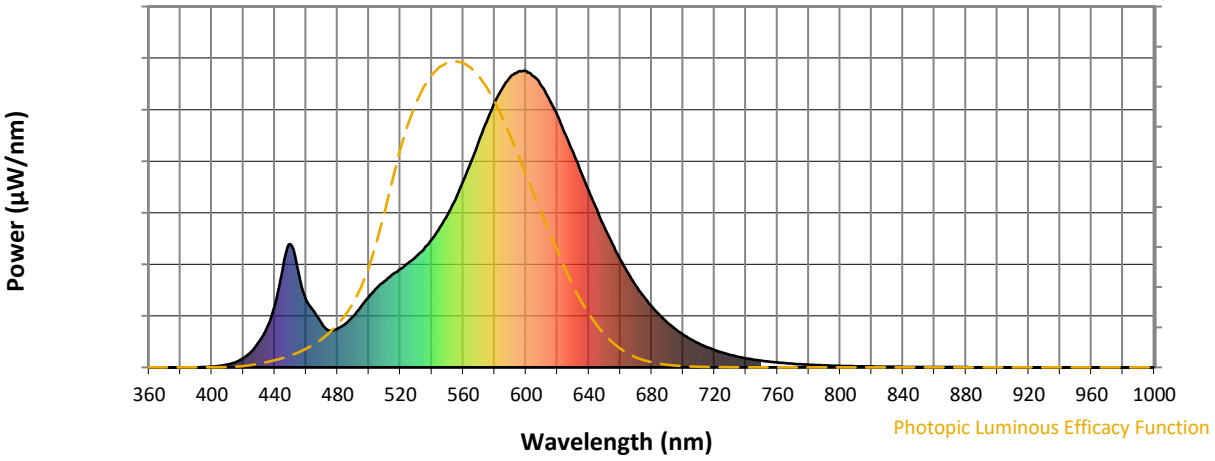


CCT = 2726K
CIE x = 0.4564
CIE y = 0.4077
Duv = -0.0008

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-3

Photopic Flux vs. Wavelength

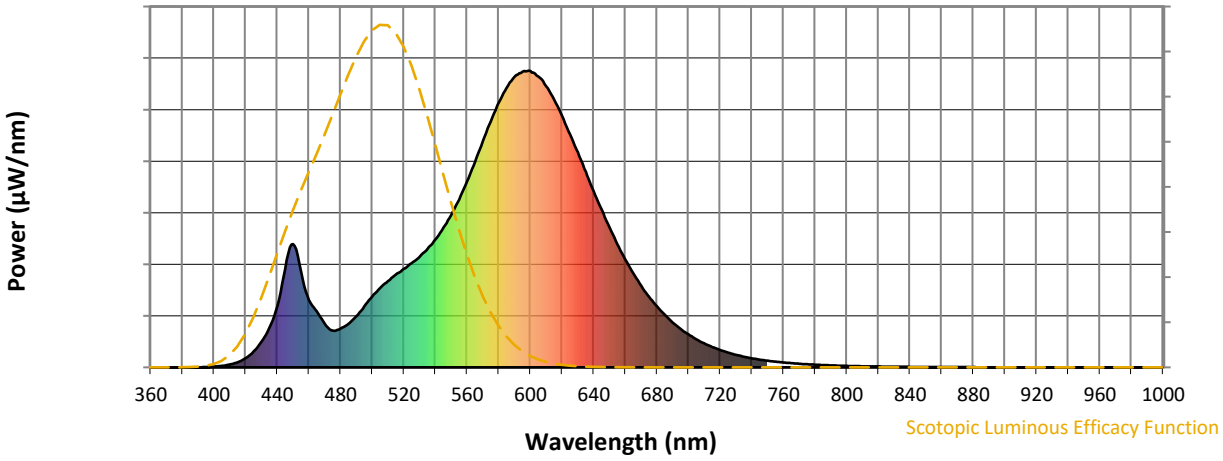


Photopic Lumens: NR

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	172	NR	620	849	NR	750	22	NR	880	1	NR
365	0	NR	495	205	NR	625	786	NR	755	19	NR	885	0	NR
370	0	NR	500	239	NR	630	724	NR	760	17	NR	890	0	NR
375	0	NR	505	268	NR	635	659	NR	765	14	NR	895	0	NR
380	0	NR	510	291	NR	640	594	NR	770	12	NR	900	0	NR
385	0	NR	515	313	NR	645	533	NR	775	10	NR	905	0	NR
390	0	NR	520	332	NR	650	472	NR	780	9	NR	910	0	NR
395	1	NR	525	352	NR	655	416	NR	785	8	NR	915	0	NR
400	3	NR	530	374	NR	660	364	NR	790	7	NR	920	0	NR
405	5	NR	535	399	NR	665	317	NR	795	6	NR	925	0	NR
410	10	NR	540	432	NR	670	275	NR	800	5	NR	930	0	NR
415	18	NR	545	471	NR	675	238	NR	805	4	NR	935	0	NR
420	31	NR	550	513	NR	680	206	NR	810	4	NR	940	0	NR
425	52	NR	555	565	NR	685	177	NR	815	3	NR	945	0	NR
430	86	NR	560	628	NR	690	151	NR	820	3	NR	950	0	NR
435	134	NR	565	693	NR	695	130	NR	825	2	NR	955	0	NR
440	207	NR	570	763	NR	700	111	NR	830	2	NR	960	0	NR
445	330	NR	575	829	NR	705	94	NR	835	2	NR	965	0	NR
450	415	NR	580	893	NR	710	80	NR	840	2	NR	970	0	NR
455	323	NR	585	942	NR	715	68	NR	845	1	NR	975	0	NR
460	228	NR	590	979	NR	720	58	NR	850	1	NR	980	0	NR
465	189	NR	595	996	NR	725	50	NR	855	1	NR	985	0	NR
470	146	NR	600	998	NR	730	43	NR	860	1	NR	990	0	NR
475	125	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	131	NR	610	947	NR	740	31	NR	870	1	NR	1000	0	NR
485	147	NR	615	902	NR	745	26	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

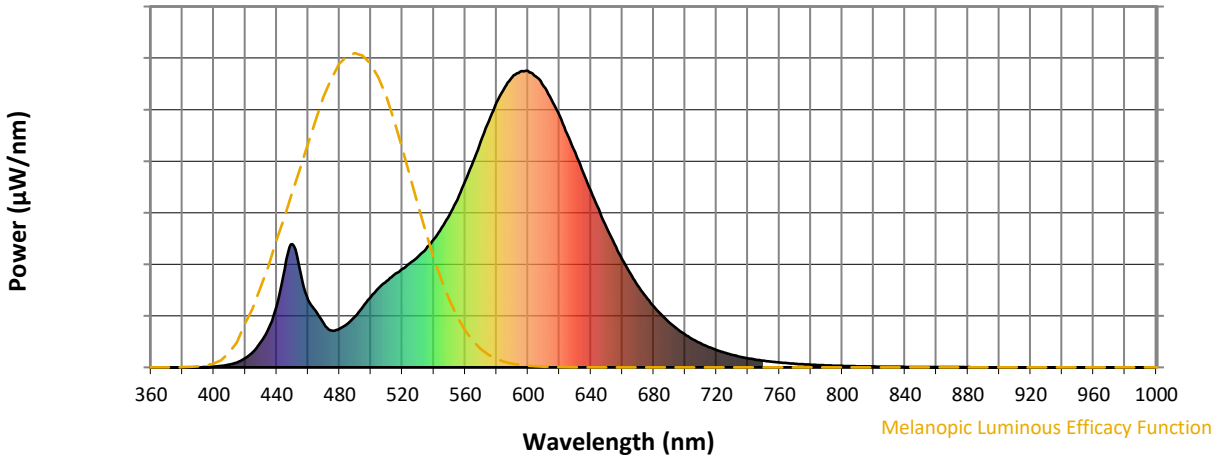


Scotopic Lumens: NR **S/P: 1.16**

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	172	NR	620	849	NR	750	22	NR	880	1	NR
365	0	NR	495	205	NR	625	786	NR	755	19	NR	885	0	NR
370	0	NR	500	239	NR	630	724	NR	760	17	NR	890	0	NR
375	0	NR	505	268	NR	635	659	NR	765	14	NR	895	0	NR
380	0	NR	510	291	NR	640	594	NR	770	12	NR	900	0	NR
385	0	NR	515	313	NR	645	533	NR	775	10	NR	905	0	NR
390	0	NR	520	332	NR	650	472	NR	780	9	NR	910	0	NR
395	1	NR	525	352	NR	655	416	NR	785	8	NR	915	0	NR
400	3	NR	530	374	NR	660	364	NR	790	7	NR	920	0	NR
405	5	NR	535	399	NR	665	317	NR	795	6	NR	925	0	NR
410	10	NR	540	432	NR	670	275	NR	800	5	NR	930	0	NR
415	18	NR	545	471	NR	675	238	NR	805	4	NR	935	0	NR
420	31	NR	550	513	NR	680	206	NR	810	4	NR	940	0	NR
425	52	NR	555	565	NR	685	177	NR	815	3	NR	945	0	NR
430	86	NR	560	628	NR	690	151	NR	820	3	NR	950	0	NR
435	134	NR	565	693	NR	695	130	NR	825	2	NR	955	0	NR
440	207	NR	570	763	NR	700	111	NR	830	2	NR	960	0	NR
445	330	NR	575	829	NR	705	94	NR	835	2	NR	965	0	NR
450	415	NR	580	893	NR	710	80	NR	840	2	NR	970	0	NR
455	323	NR	585	942	NR	715	68	NR	845	1	NR	975	0	NR
460	228	NR	590	979	NR	720	58	NR	850	1	NR	980	0	NR
465	189	NR	595	996	NR	725	50	NR	855	1	NR	985	0	NR
470	146	NR	600	998	NR	730	43	NR	860	1	NR	990	0	NR
475	125	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	131	NR	610	947	NR	740	31	NR	870	1	NR	1000	0	NR
485	147	NR	615	902	NR	745	26	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.15**

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	172	NR	620	849	NR	750	22	NR	880	1	NR
365	0	NR	495	205	NR	625	786	NR	755	19	NR	885	0	NR
370	0	NR	500	239	NR	630	724	NR	760	17	NR	890	0	NR
375	0	NR	505	268	NR	635	659	NR	765	14	NR	895	0	NR
380	0	NR	510	291	NR	640	594	NR	770	12	NR	900	0	NR
385	0	NR	515	313	NR	645	533	NR	775	10	NR	905	0	NR
390	0	NR	520	332	NR	650	472	NR	780	9	NR	910	0	NR
395	1	NR	525	352	NR	655	416	NR	785	8	NR	915	0	NR
400	3	NR	530	374	NR	660	364	NR	790	7	NR	920	0	NR
405	5	NR	535	399	NR	665	317	NR	795	6	NR	925	0	NR
410	10	NR	540	432	NR	670	275	NR	800	5	NR	930	0	NR
415	18	NR	545	471	NR	675	238	NR	805	4	NR	935	0	NR
420	31	NR	550	513	NR	680	206	NR	810	4	NR	940	0	NR
425	52	NR	555	565	NR	685	177	NR	815	3	NR	945	0	NR
430	86	NR	560	628	NR	690	151	NR	820	3	NR	950	0	NR
435	134	NR	565	693	NR	695	130	NR	825	2	NR	955	0	NR
440	207	NR	570	763	NR	700	111	NR	830	2	NR	960	0	NR
445	330	NR	575	829	NR	705	94	NR	835	2	NR	965	0	NR
450	415	NR	580	893	NR	710	80	NR	840	2	NR	970	0	NR
455	323	NR	585	942	NR	715	68	NR	845	1	NR	975	0	NR
460	228	NR	590	979	NR	720	58	NR	850	1	NR	980	0	NR
465	189	NR	595	996	NR	725	50	NR	855	1	NR	985	0	NR
470	146	NR	600	998	NR	730	43	NR	860	1	NR	990	0	NR
475	125	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	131	NR	610	947	NR	740	31	NR	870	1	NR	1000	0	NR
485	147	NR	615	902	NR	745	26	NR	875	1	NR			

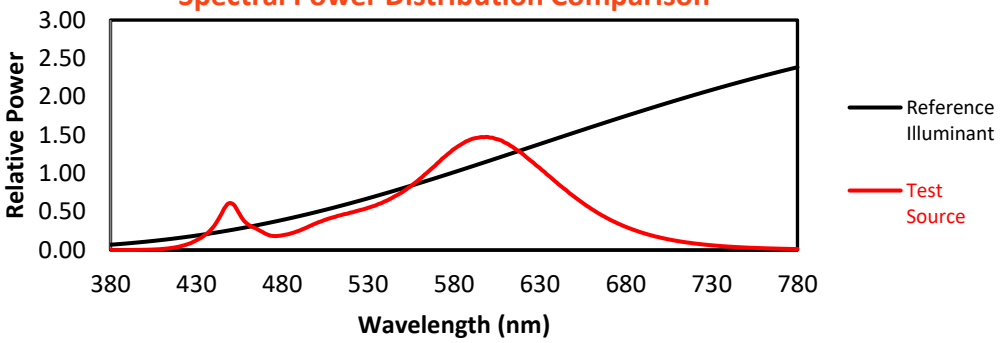
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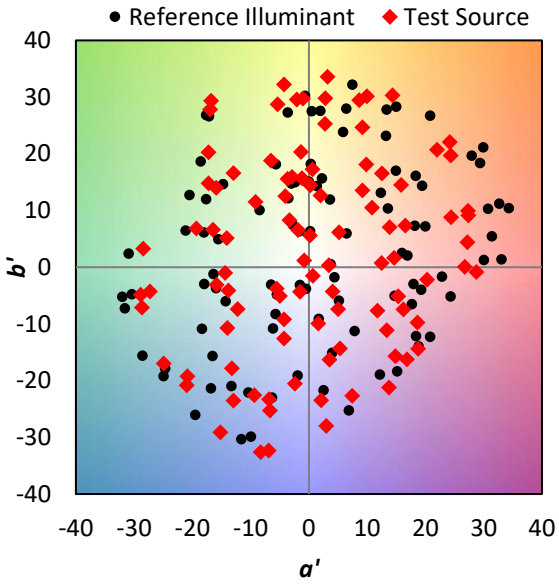
Summary

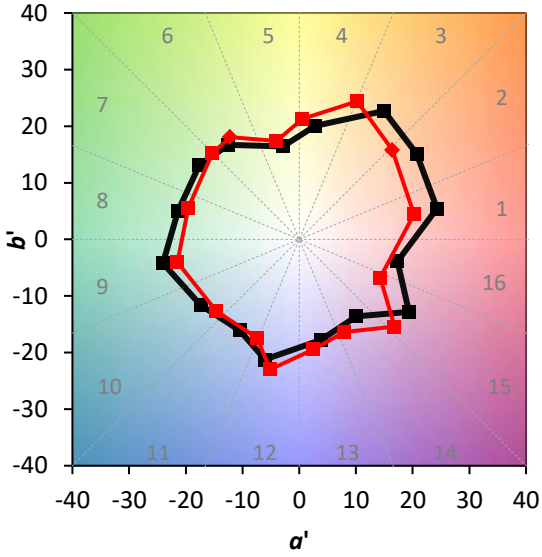
R_f = 77.8
R_g = 93.1
CIE R_a = 72.7
R_9 = -32.4

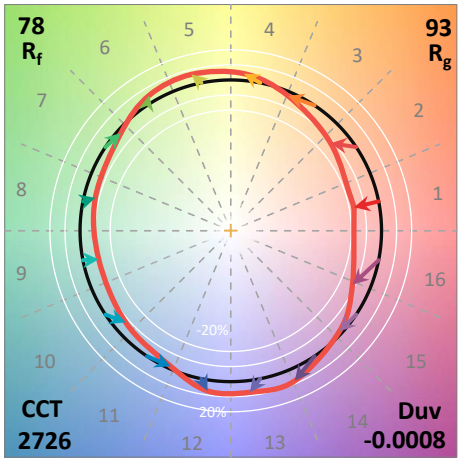
Spectral Power Distribution Comparison

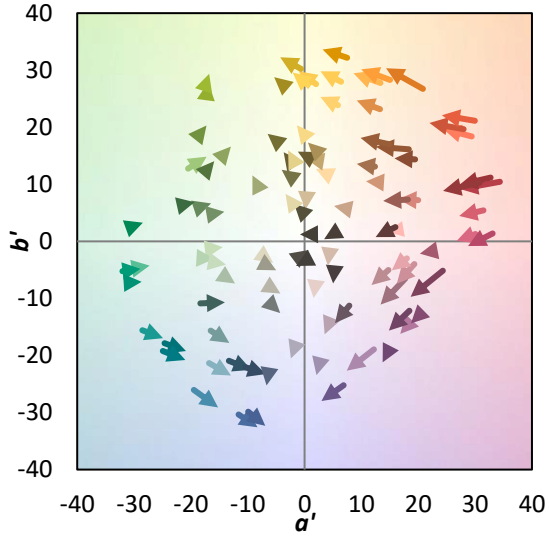


Color Vector Graphics







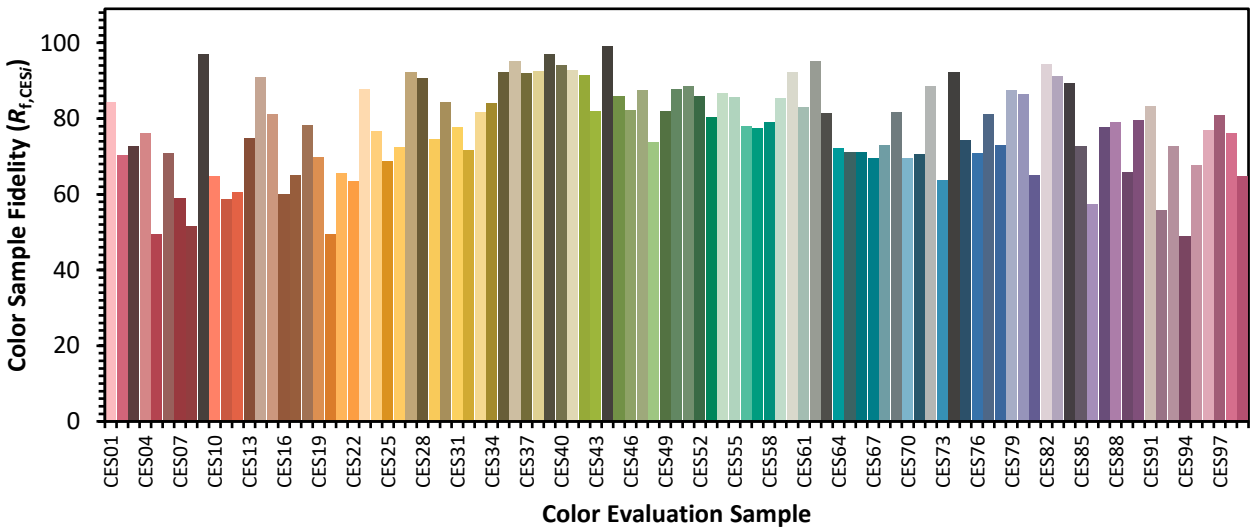


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Individual Sample Fidelity Index ($R_{f,i}$)

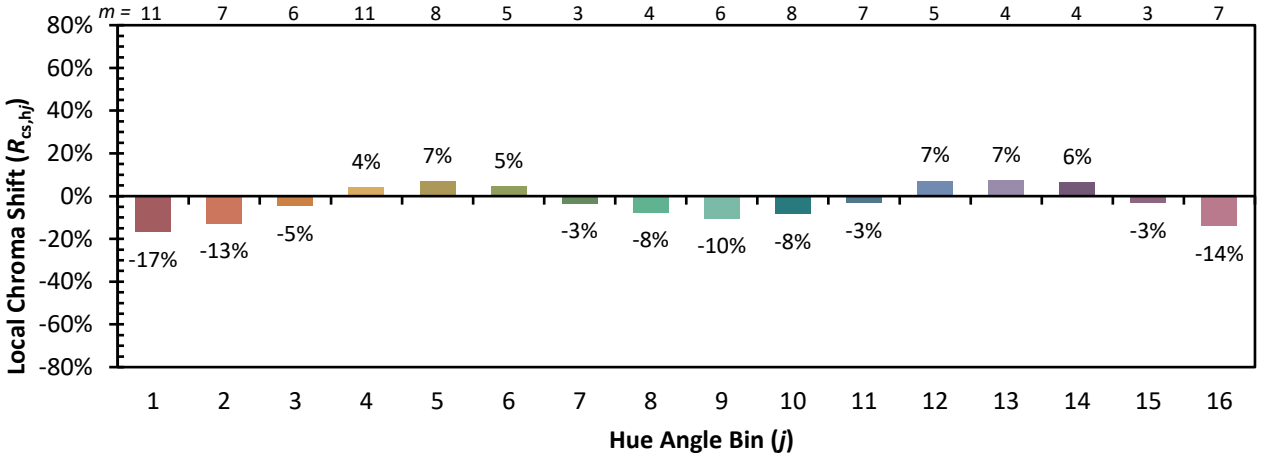
CES01 = 86	CES26 = 72	CES51 = 88	CES76 = 71
CES02 = 63	CES27 = 92	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 91	CES53 = 80	CES78 = 73
CES04 = 71	CES29 = 75	CES54 = 87	CES79 = 88
CES05 = 50	CES30 = 84	CES55 = 86	CES80 = 87
CES06 = 52	CES31 = 78	CES56 = 78	CES81 = 65
CES07 = 42	CES32 = 72	CES57 = 77	CES82 = 94
CES08 = 41	CES33 = 82	CES58 = 79	CES83 = 91
CES09 = 29	CES34 = 84	CES59 = 85	CES84 = 89
CES10 = 77	CES35 = 92	CES60 = 92	CES85 = 73
CES11 = 60	CES36 = 95	CES61 = 83	CES86 = 57
CES12 = 66	CES37 = 92	CES62 = 95	CES87 = 78
CES13 = 44	CES38 = 93	CES63 = 82	CES88 = 79
CES14 = 74	CES39 = 97	CES64 = 72	CES89 = 66
CES15 = 72	CES40 = 94	CES65 = 71	CES90 = 80
CES16 = 48	CES41 = 93	CES66 = 71	CES91 = 83
CES17 = 51	CES42 = 92	CES67 = 69	CES92 = 56
CES18 = 57	CES43 = 82	CES68 = 73	CES93 = 73
CES19 = 73	CES44 = 99	CES69 = 82	CES94 = 49
CES20 = 67	CES45 = 86	CES70 = 70	CES95 = 68
CES21 = 87	CES46 = 82	CES71 = 71	CES96 = 77
CES22 = 80	CES47 = 88	CES72 = 89	CES97 = 81
CES23 = 92	CES48 = 74	CES73 = 64	CES98 = 76
CES24 = 91	CES49 = 82	CES74 = 92	CES99 = 65
CES25 = 73	CES50 = 88	CES75 = 74	

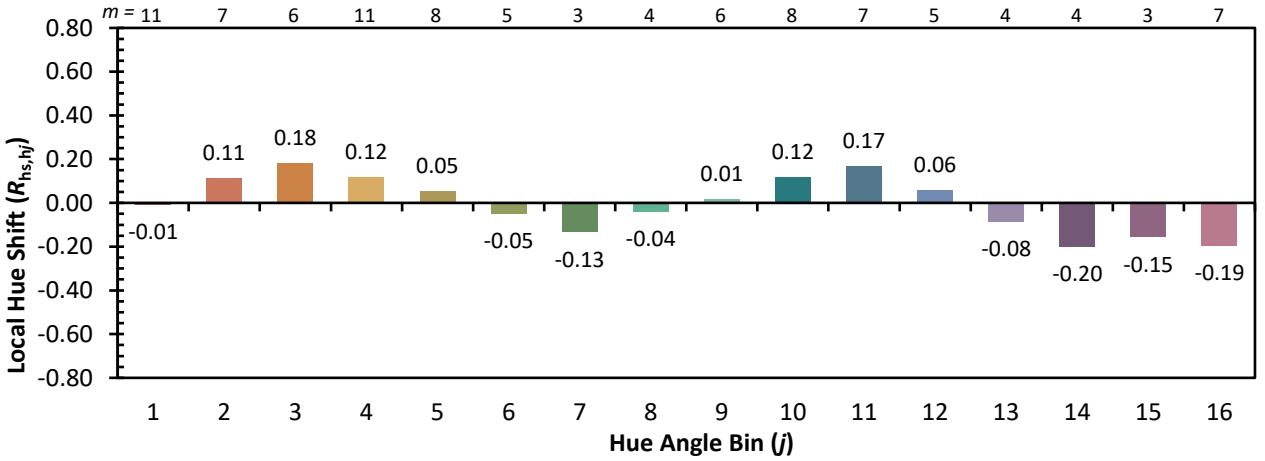


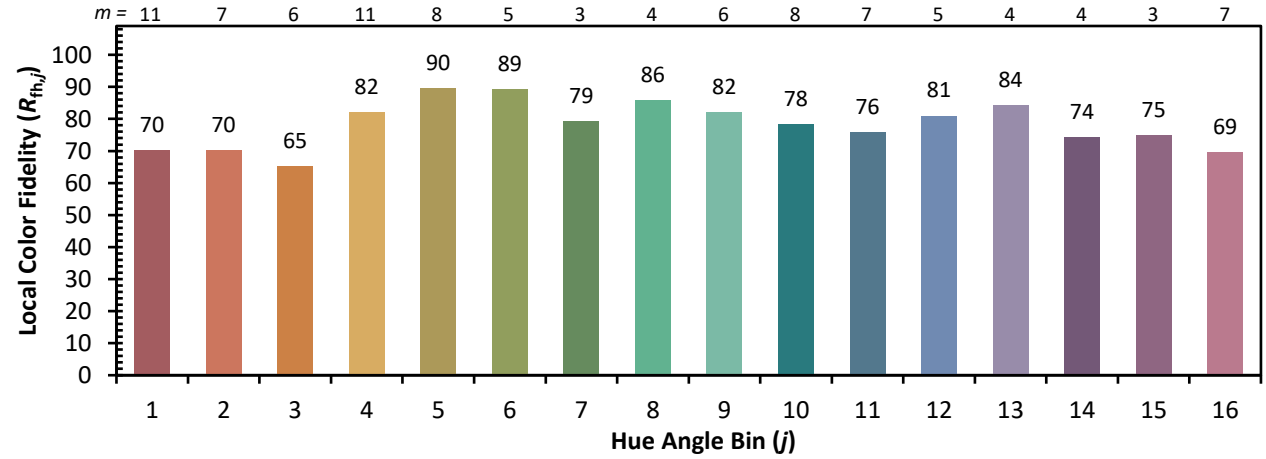
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Color Rendition by Hue-Angle Bin



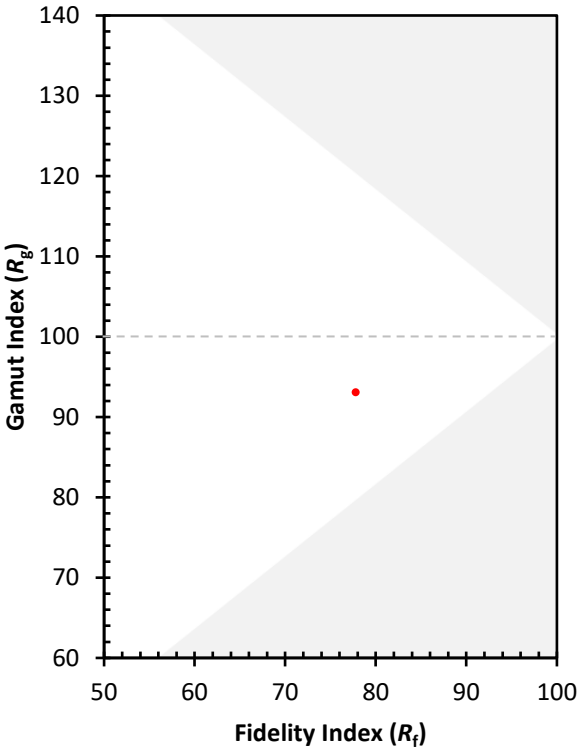


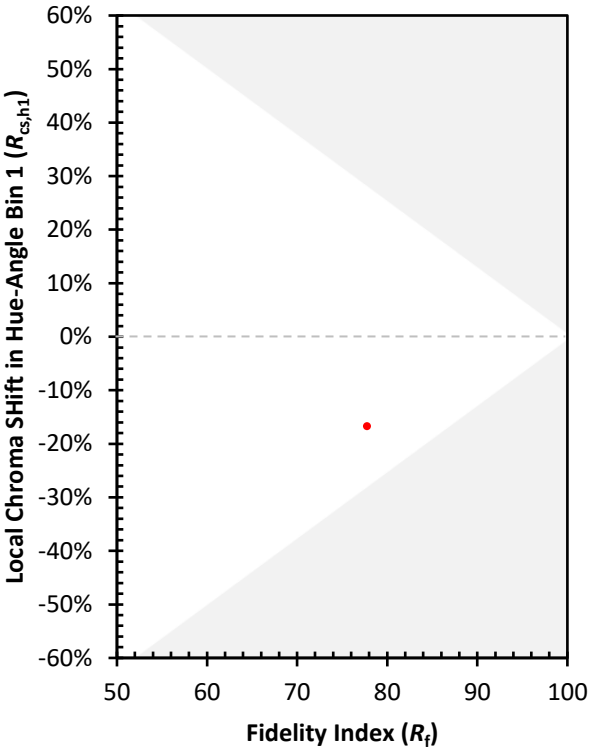


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Measure Comparisons





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