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: P981061

Luminaire Tested: **FFX-CLB-40-727-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:	P981061
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
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS
Light Source:	(6) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6025.4 lumens
Efficiency:	N/A
Efficacy:	152.9 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

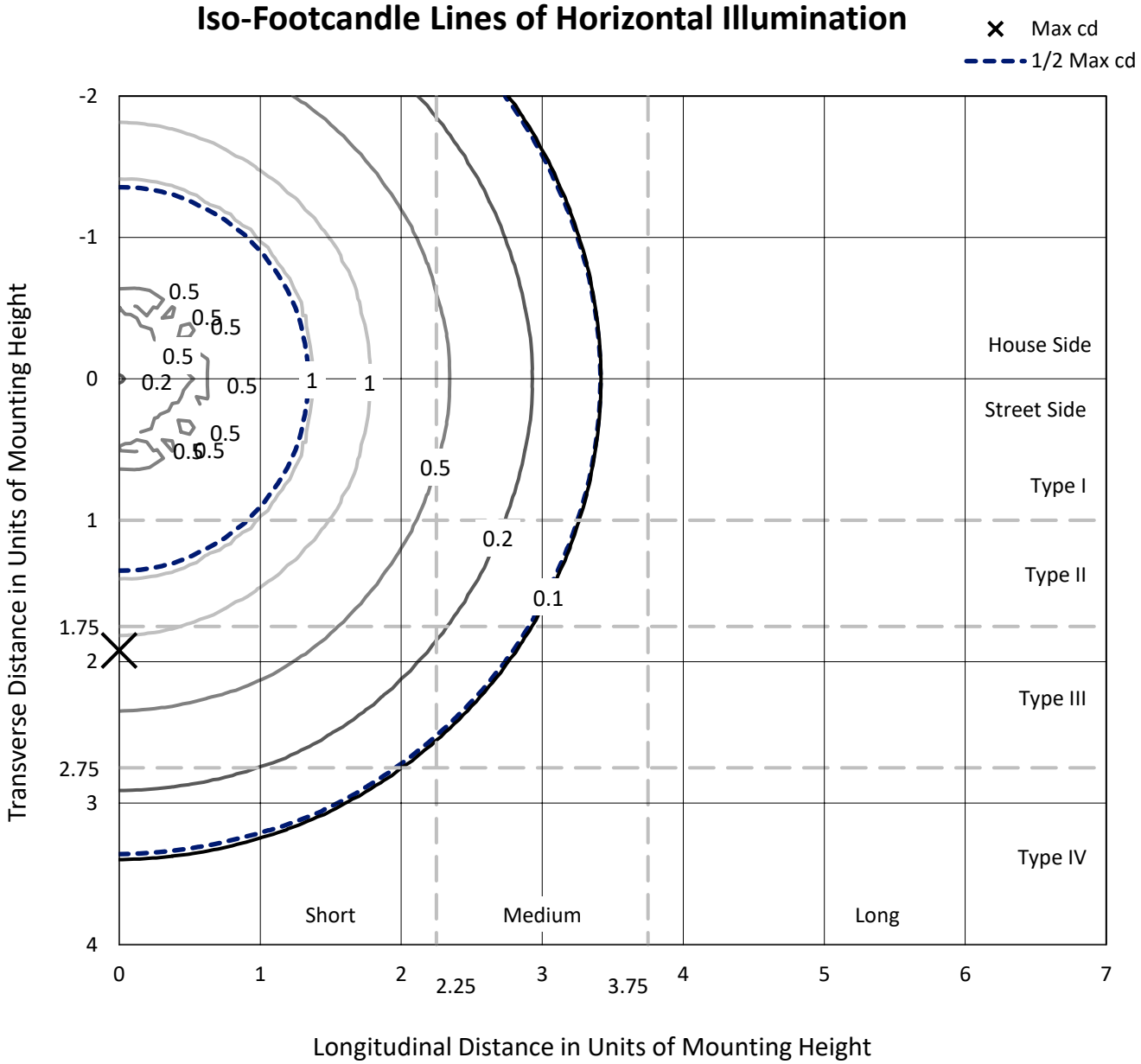


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REPORT NUMBER: P981061
CATALOG NUMBER: FFX-CLB-40-727-U-FR-T5

Iso-Footcandle Lines of Horizontal Illumination



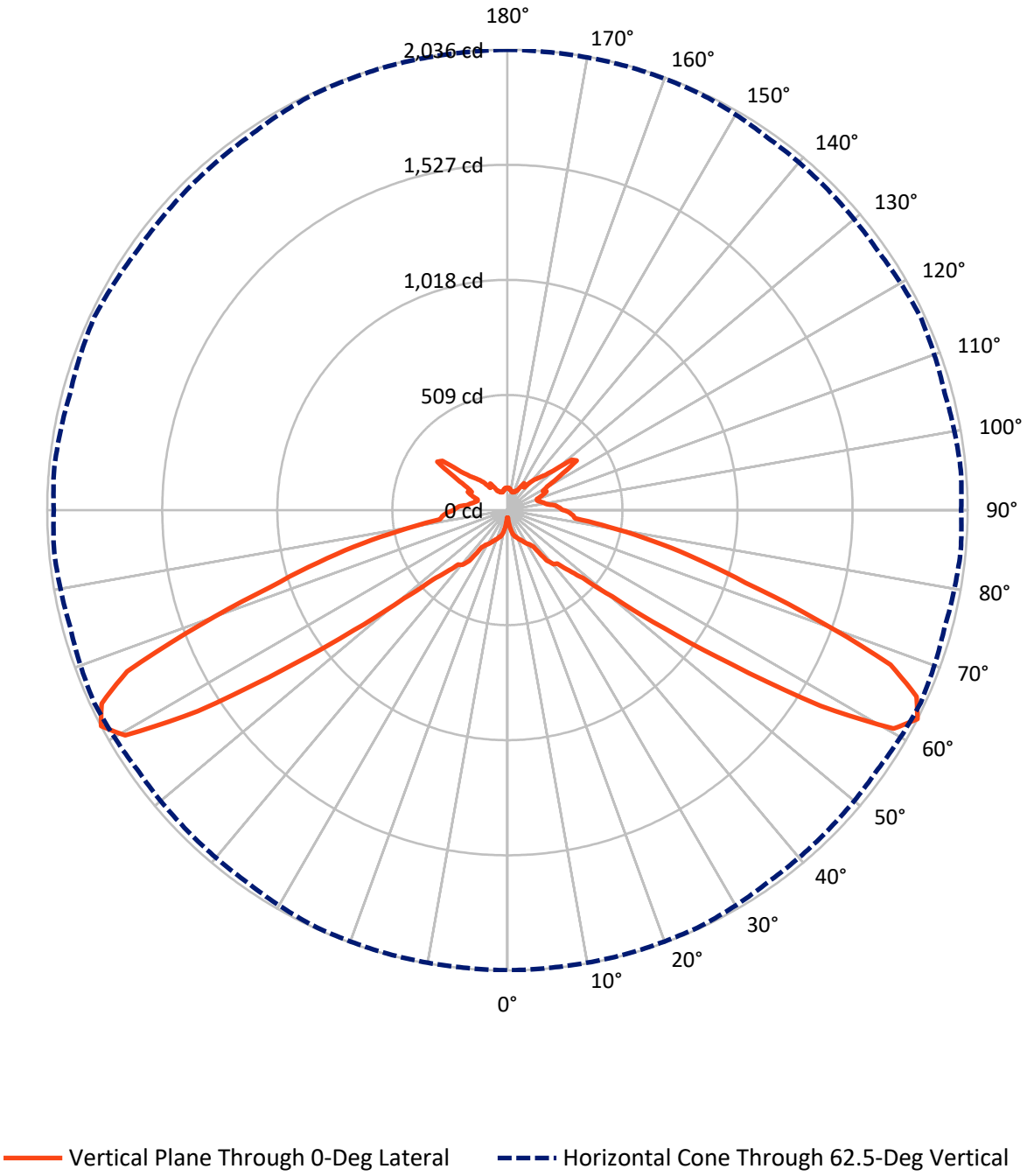
Based on 15 foot mounting height. Maximum calculated value = 1.1 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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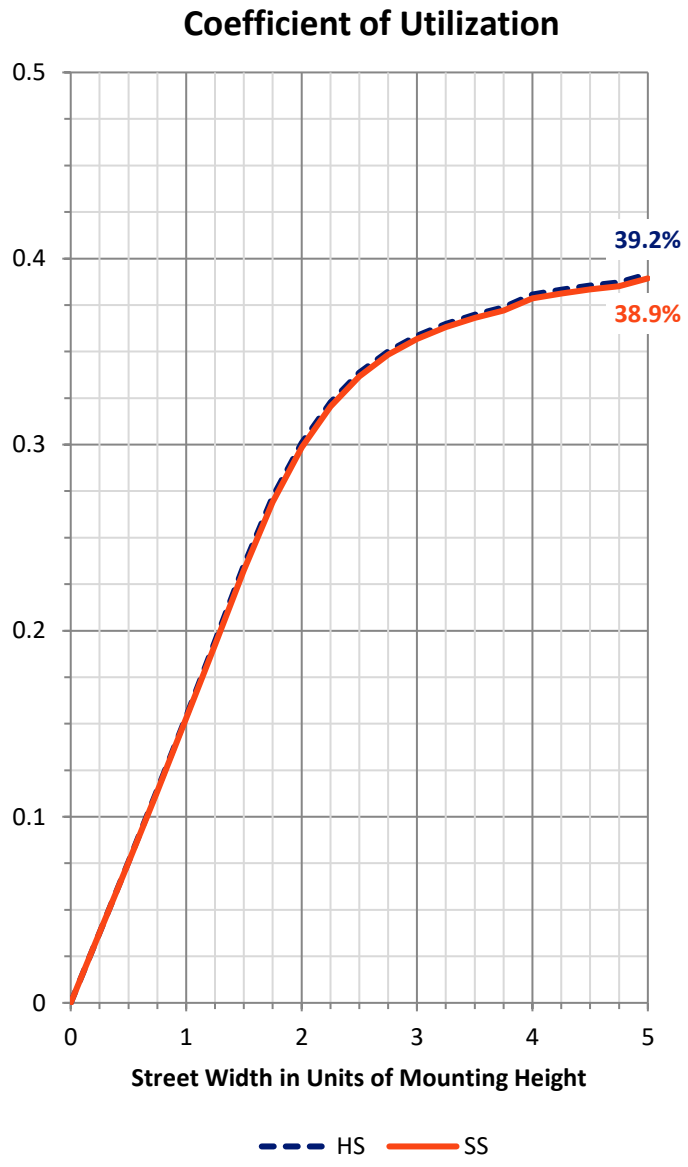
REPORT NUMBER: P981061
CATALOG NUMBER: FFX-CLB-40-727-U-FR-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2440.1	572.6	3012.7
	% Fixture	40.5	9.5	50.0
Street Side	Lumens	2440.1	572.6	3012.7
	% Fixture	40.5	9.5	50.0
Total	Lumens	4880.2	1145.2	6025.4
	% Fixture	81.0	19.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.2	0.1
10°-20°	33.5	0.6
20°-30°	71.2	1.2
30°-40°	143.9	2.4
40°-50°	321.5	5.3
50°-60°	1134.0	18.8
60°-70°	1855.9	30.8
70°-80°	954.8	15.8
80°-90°	359.2	6.0
90°-100°	231.2	3.8
100°-110°	154.2	2.6
110°-120°	165.6	2.7
120°-130°	271.0	4.5
130°-140°	162.2	2.7
140°-150°	84.3	1.4
150°-160°	44.1	0.7
160°-170°	23.8	0.4
170°-180°	8.9	0.1
0°-90°	4880.2	81.0
0°-180°	6025.4	100.0



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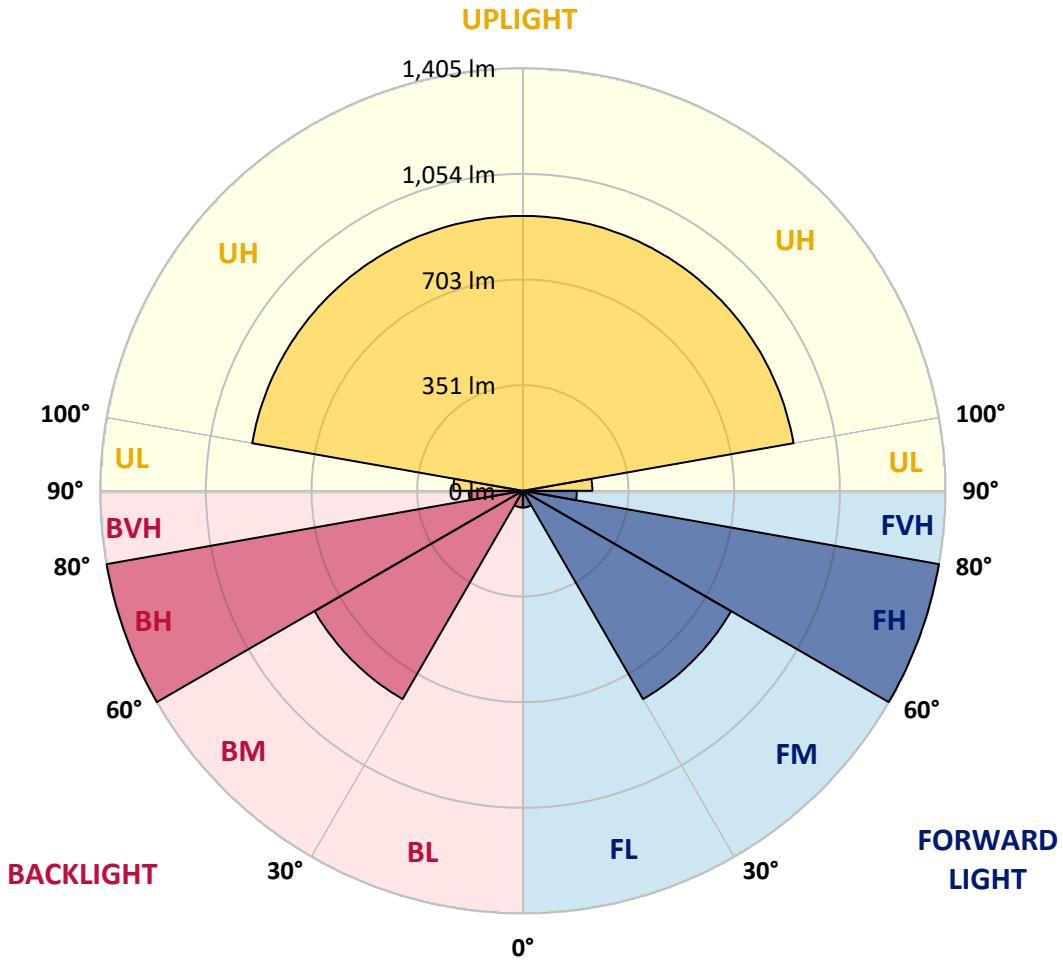
Scaled Data Report

REPORT NUMBER: P981061
CATALOG NUMBER: FFX-CLB-40-727-U-FR-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	55.4	0.9			
FM	(30°-60°)	799.7	13.3			
FH	(60°-80°)	1405.3	23.3			G1/1800
FVH	(80°-90°)	179.6	3.0			G2/225
BL	(0°-30°)	55.4	0.9	B0/110		
BM	(30°-60°)	799.7	13.3	B1/1000		
BH	(60°-80°)	1405.3	23.3	B3/2500		G1/1800
BVH	(80°-90°)	179.6	3.0			G2/225
UL	(90°-100°)	231.2	3.8		U3/500	
UH	(100°-180°)	914.0	15.2		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°	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
2.5°	34.3	34.7	35.9	36.6	37.0	36.3	36.6	37.4	37.4	37.8	37.8
5°	50.9	51.3	50.9	50.5	50.1	50.9	51.3	50.9	49.8	50.1	49.8
7.5°	75.2	75.2	72.1	71.4	70.6	74.1	76.0	75.2	71.4	67.9	67.1
10°	92.6	92.2	89.5	86.0	85.6	87.9	93.0	94.1	87.9	83.7	82.9
12.5°	109.9	107.2	105.7	102.2	102.6	104.1	107.6	108.0	103.7	100.3	98.0
15°	120.3	120.7	120.7	118.8	118.0	119.6	121.1	122.3	119.2	116.5	114.9
17.5°	125.0	125.3	126.5	127.7	127.7	126.9	126.9	127.3	127.3	127.3	126.9
20°	134.6	135.0	134.6	135.4	136.5	135.8	134.6	135.0	134.6	135.0	134.6
22.5°	142.3	141.9	141.9	143.1	143.9	143.5	142.3	142.7	141.9	142.3	142.3
25°	150.4	150.8	151.6	152.0	152.3	152.3	152.0	152.7	152.3	151.6	151.6
27.5°	161.6	161.6	161.6	161.6	163.1	163.1	162.4	162.8	161.6	160.8	160.4
30°	172.4	172.8	172.0	172.8	174.3	173.6	173.2	173.9	172.4	172.0	172.0
32.5°	182.4	182.4	182.0	184.4	184.7	184.0	185.1	185.9	186.7	186.3	188.2
35°	199.4	200.2	206.7	212.5	214.4	214.1	215.6	216.4	214.8	214.8	213.7
37.5°	281.6	281.2	271.9	263.0	267.3	272.7	267.3	265.7	262.7	261.1	260.3
40°	314.3	314.3	305.9	306.6	303.5	303.9	305.9	312.0	308.5	302.4	302.8
42.5°	324.4	327.4	337.5	355.6	349.0	338.6	326.3	330.5	339.4	344.8	346.0
45°	381.4	385.7	386.5	385.7	382.6	386.8	383.8	386.1	387.2	394.2	397.3
47.5°	448.6	447.0	447.4	457.0	453.6	456.3	462.1	461.3	466.3	465.5	468.2
50°	601.3	605.5	599.4	611.7	614.8	610.2	632.5	632.5	634.8	624.8	626.0
52.5°	864.3	854.3	854.3	857.4	858.2	872.4	888.2	887.9	893.6	888.2	900.2
55°	1203.0	1200.6	1205.7	1241.5	1245.4	1233.0	1236.5	1220.7	1271.6	1258.5	1268.1
57.5°	1633.8	1639.6	1633.0	1633.4	1630.3	1626.8	1646.1	1613.3	1638.0	1610.2	1611.0
60°	1963.5	1955.8	1934.2	1891.8	1888.3	1901.1	1922.7	1923.8	1899.1	1883.7	1870.6
62.5°	2036.4	2033.7	2033.0	2029.5	2009.8	2004.4	2000.2	2017.5	2002.9	2014.1	2007.5
65°	1989.8	1978.2	1988.6	2005.2	1992.5	1967.4	1945.8	1975.9	1966.2	2007.9	1986.3
67.5°	1828.2	1817.4	1813.1	1845.9	1830.1	1790.4	1775.7	1782.6	1771.5	1817.4	1808.9
70°	1451.0	1451.3	1459.8	1502.3	1486.4	1457.1	1439.4	1444.0	1455.2	1493.8	1483.0
72.5°	1100.8	1098.4	1108.5	1119.3	1120.0	1117.7	1113.1	1116.6	1123.1	1144.3	1149.7
75°	868.6	867.8	851.6	857.4	855.1	865.5	880.9	878.6	882.1	865.9	861.2
77.5°	657.2	658.0	651.8	649.1	646.8	663.8	688.5	689.6	673.0	661.1	656.1
80°	454.7	457.8	476.3	476.7	480.2	480.2	499.9	497.5	491.8	491.4	491.4
82.5°	301.6	307.0	325.9	347.5	351.0	346.7	357.5	360.6	367.9	373.3	374.9
85°	290.0	299.7	293.5	302.8	303.2	305.9	310.1	311.6	310.9	312.0	309.7
87.5°	271.5	283.5	281.9	288.1	289.7	293.9	298.5	300.5	296.6	293.5	292.7
90°	241.1	252.2	257.6	262.7	264.2	263.0	266.1	266.9	266.5	263.0	262.3
92.5°	228.3	232.6	235.7	239.5	244.1	241.4	243.4	241.4	244.5	243.8	244.5
95°	212.1	213.7	211.7	214.1	214.8	212.1	211.7	211.7	210.2	208.3	209.0
97.5°	179.3	182.0	181.3	181.3	181.7	180.5	180.9	180.5	181.3	180.1	179.7
100°	167.4	167.4	166.6	166.2	165.8	164.7	164.3	163.1	163.1	162.0	161.2
102.5°	155.0	156.2	155.0	154.7	154.7	152.7	153.1	153.1	152.3	152.0	150.0
105°	146.2	145.8	145.0	143.5	141.9	141.9	142.7	142.3	141.2	140.8	139.2
107.5°	138.1	137.3	136.1	133.8	133.1	133.4	134.6	135.0	134.6	133.1	131.9
110°	139.6	138.5	136.5	135.8	136.9	137.7	138.1	138.8	141.2	141.9	140.4

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

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*168.2*	166.2	165.1	160.1	163.9	164.7	163.9	164.3	165.5	163.9	164.7
115°	*192.1*	194.0	194.4	179.0	179.3	177.0	174.7	173.9	170.5	173.2	182.0
117.5°	*177.4*	183.6	170.1	163.1	158.9	157.4	161.2	162.0	158.5	162.8	175.5
120°	*203.6*	206.3	178.6	165.1	164.7	171.2	181.7	184.7	180.9	189.0	203.6
122.5°	*276.5*	274.6	271.9	274.2	268.1	267.7	276.2	275.0	264.6	265.7	269.2
125°	*376.8*	376.0	371.0	366.0	361.8	364.1	360.6	356.4	348.7	347.5	347.5
127.5°	*360.6*	360.6	357.1	354.4	350.2	350.6	350.2	342.5	339.4	339.8	339.8
130°	*265.4*	265.7	276.5	286.2	283.5	284.6	277.7	275.4	285.4	294.7	294.7
132.5°	*224.9*	225.6	237.6	244.9	241.1	233.3	226.0	226.8	233.0	242.2	241.8
135°	*200.9*	202.5	203.3	202.5	200.2	198.2	197.9	199.8	201.3	207.9	209.4
137.5°	*182.0*	180.9	177.0	173.6	170.9	175.9	179.0	178.2	176.6	175.5	176.3
140°	*160.1*	158.5	153.1	152.3	153.9	156.2	157.0	157.7	158.1	157.4	157.0
142.5°	*125.0*	126.1	131.1	137.3	137.7	133.8	134.2	134.2	135.8	137.7	136.9
145°	*125.3*	126.1	128.0	132.7	132.7	129.6	128.4	129.6	133.1	136.9	136.9
147.5°	*139.6*	138.5	135.8	134.6	133.4	133.1	133.1	130.4	130.7	130.7	130.7
150°	*118.8*	118.4	116.9	116.1	115.7	115.3	117.2	116.9	117.6	116.9	116.5
152.5°	*98.0*	97.6	96.0	94.9	95.3	97.6	100.7	101.8	101.1	99.5	98.7
155°	*93.0*	93.3	91.0	90.3	90.6	91.8	92.6	92.6	91.0	89.1	89.1
157.5°	*87.9*	88.3	87.2	86.4	86.8	87.6	88.7	89.1	87.9	86.4	86.0
160°	*84.1*	83.7	83.3	83.3	83.3	83.3	83.7	84.1	83.7	83.3	82.9
162.5°	*82.2*	82.2	82.2	82.2	82.5	82.2	82.2	82.2	82.2	82.2	82.2
165°	*81.8*	81.8	82.2	82.9	83.3	82.9	82.9	82.9	83.3	84.1	84.1
167.5°	*85.2*	84.9	86.0	86.4	86.8	86.4	86.0	85.6	86.0	86.8	86.8
170°	*89.1*	89.5	89.5	89.9	89.9	89.5	89.1	89.5	89.1	89.5	89.5
172.5°	*93.0*	93.0	93.0	92.6	92.6	92.6	92.6	92.6	92.6	92.2	92.2
175°	*96.0*	96.0	96.0	96.0	95.7	96.0	96.4	96.4	96.0	96.0	95.3
177.5°	*98.7*	98.7	98.7	98.7	98.7	98.7	98.7	98.4	98.4	98.4	98.0
180°	*99.1*	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

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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

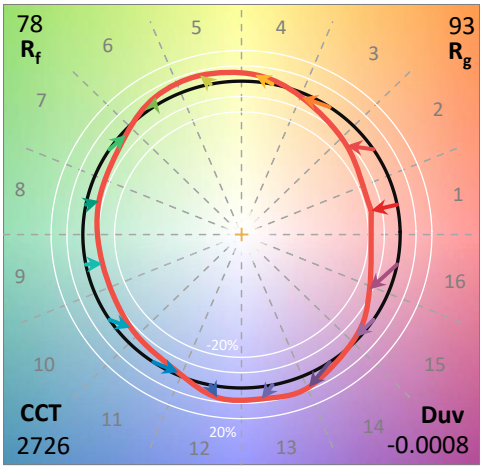
Test Information

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

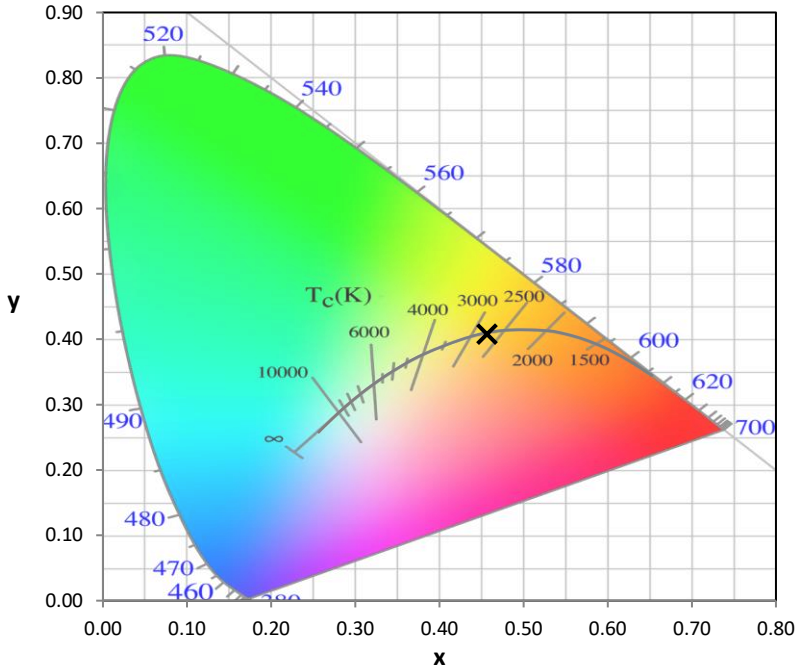
Stabilization Time:	75M
Operation Time:	2H 15M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-3

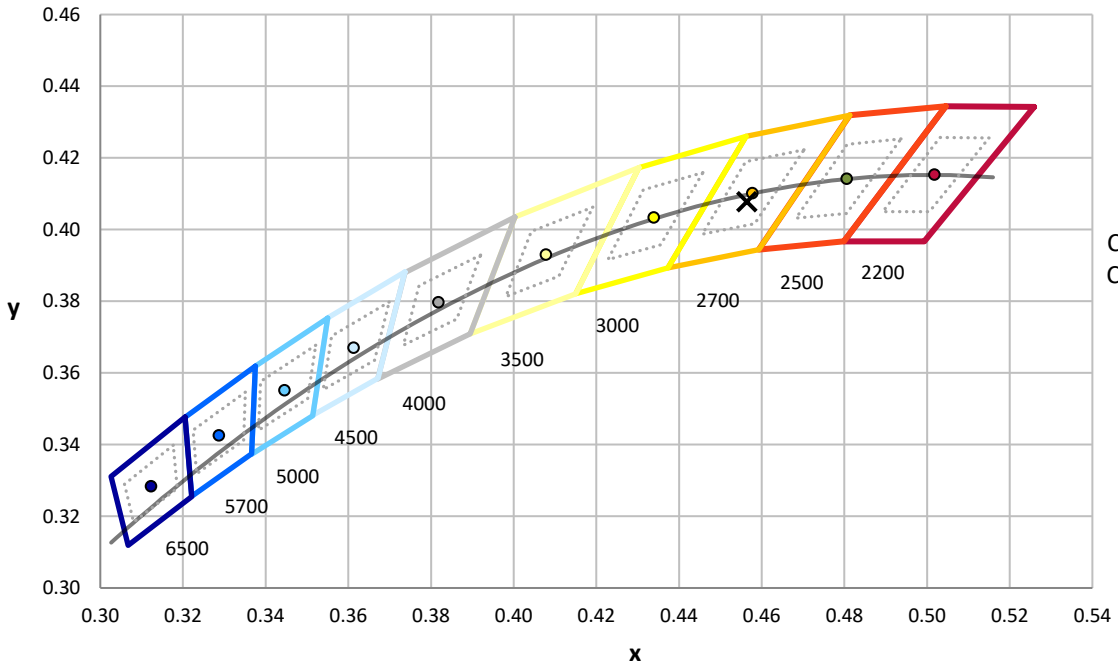
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

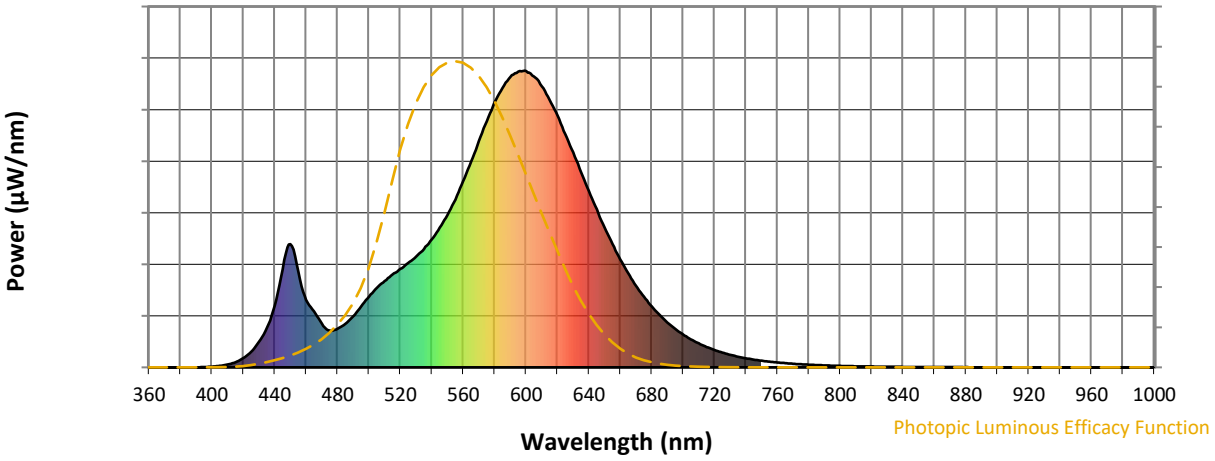


CCT = 2726K
CIE x = 0.4564
CIE y = 0.4077
Duv = -0.0008

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-3

Photopic Flux vs. Wavelength

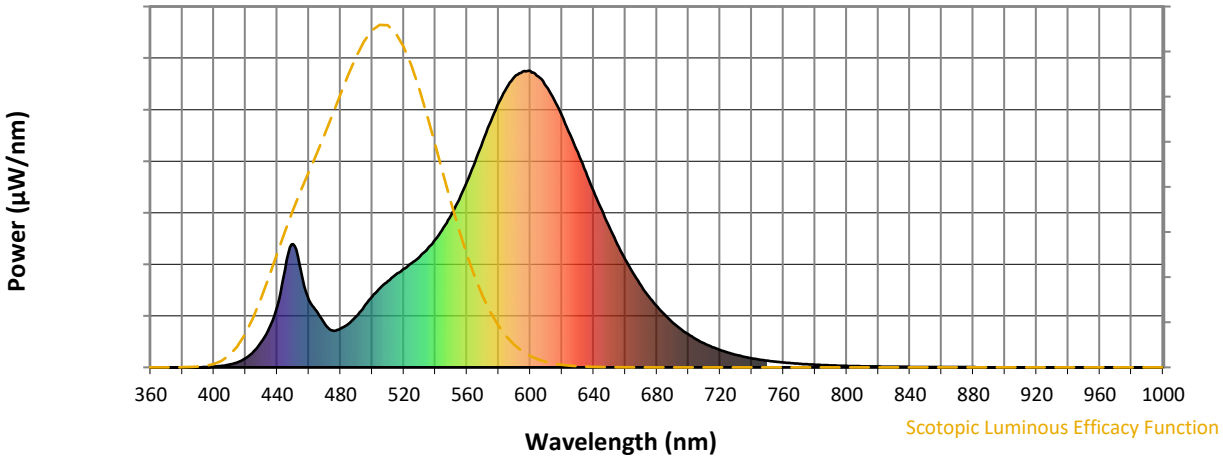


Photopic Lumens: NR

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

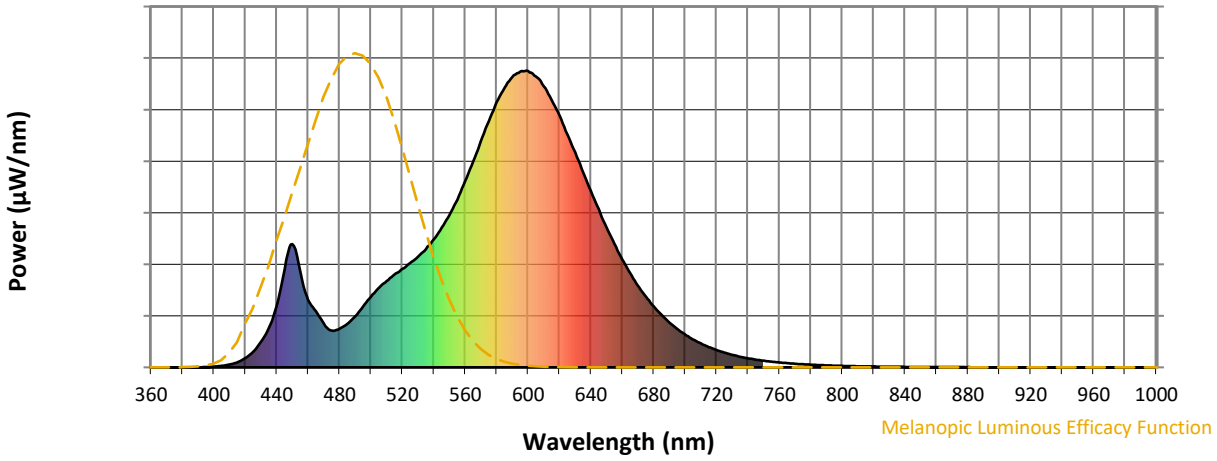


Scotopic Lumens: NR **S/P: 1.16**

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			

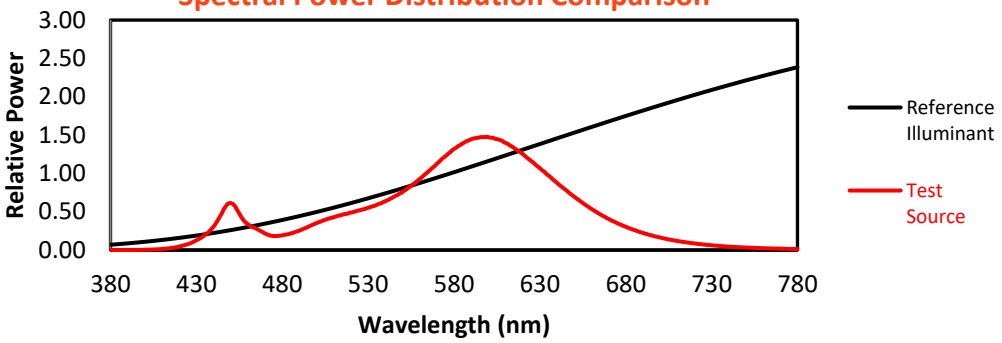
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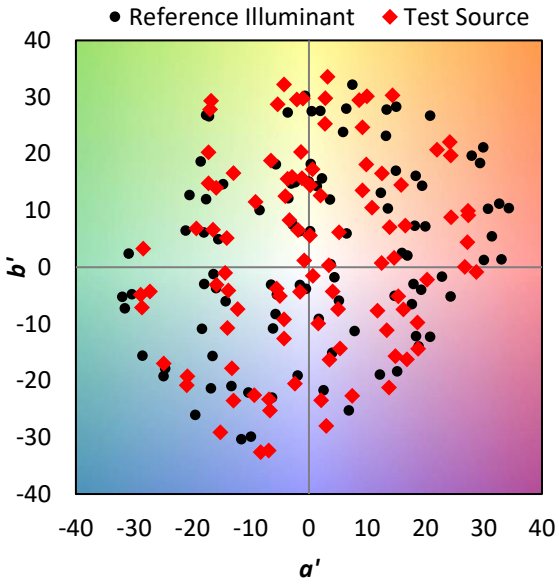
Summary

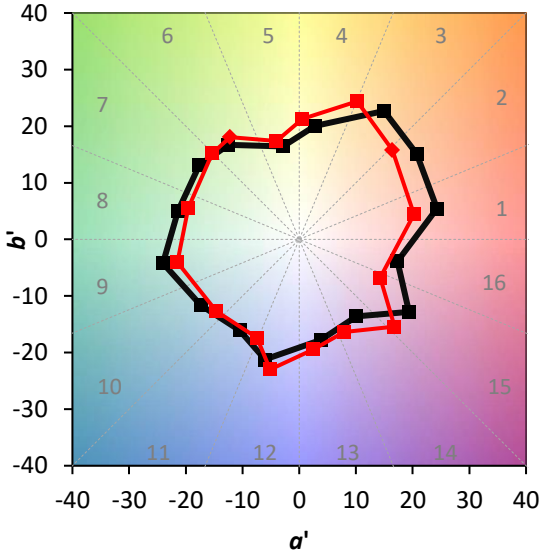
R_f = 77.8
R_g = 93.1
CIE R_a = 72.7
R_9 = -32.4

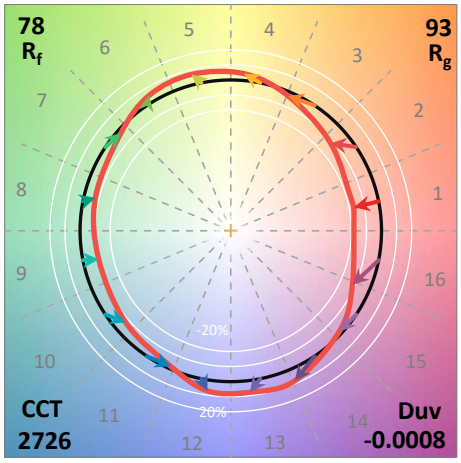
Spectral Power Distribution Comparison

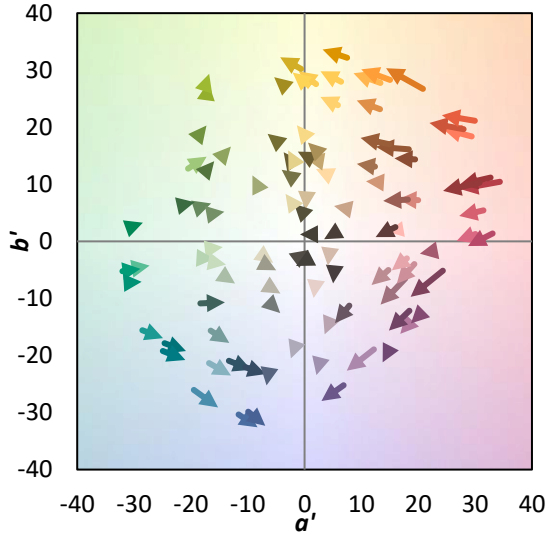


Color Vector Graphics







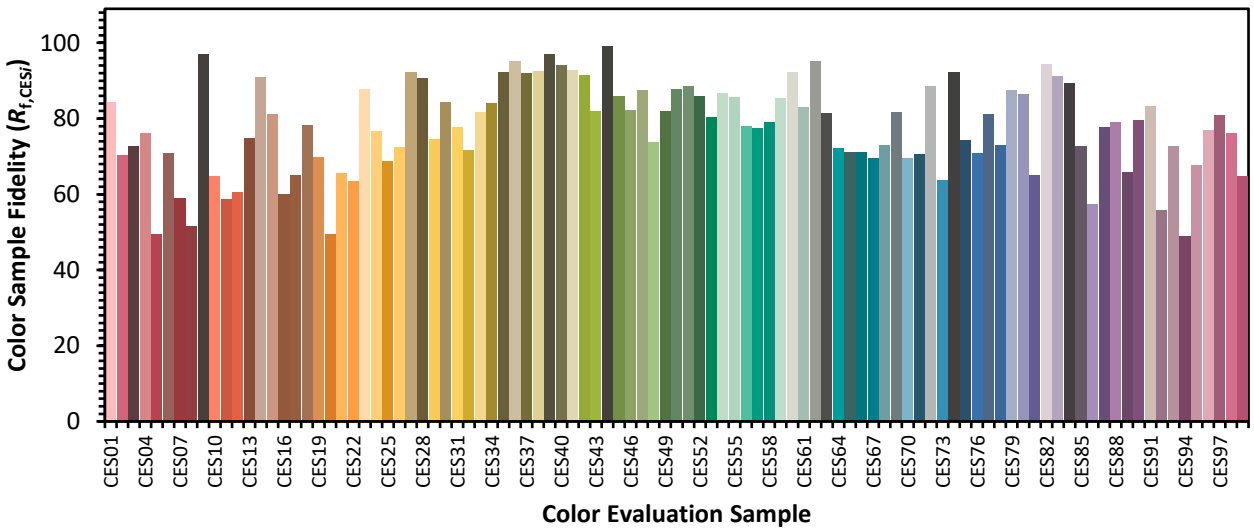


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Individual Sample Fidelity Index ($R_{f,i}$)

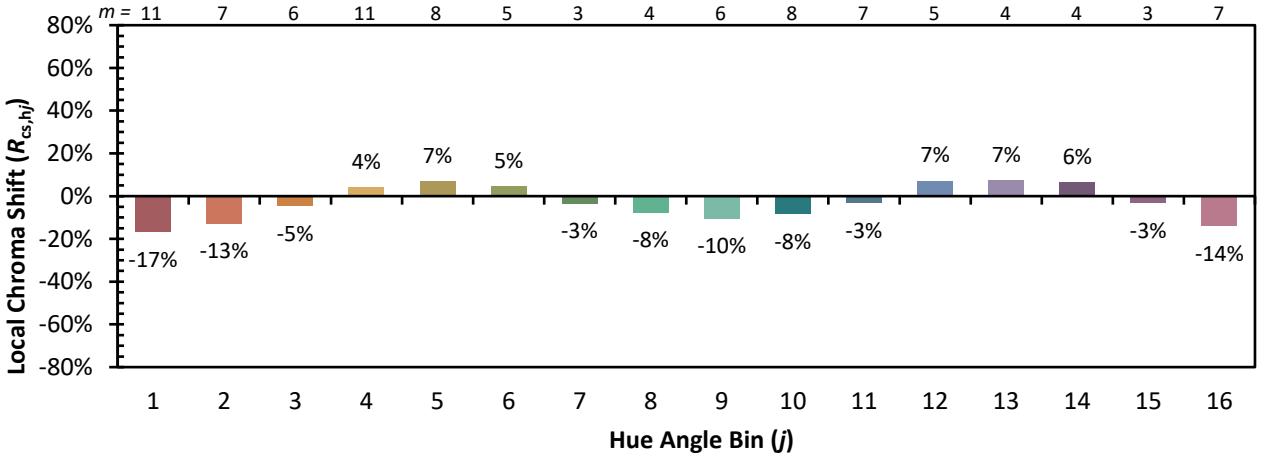
CES01 = 86	CES26 = 72	CES51 = 88	CES76 = 71
CES02 = 63	CES27 = 92	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 91	CES53 = 80	CES78 = 73
CES04 = 71	CES29 = 75	CES54 = 87	CES79 = 88
CES05 = 50	CES30 = 84	CES55 = 86	CES80 = 87
CES06 = 52	CES31 = 78	CES56 = 78	CES81 = 65
CES07 = 42	CES32 = 72	CES57 = 77	CES82 = 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	

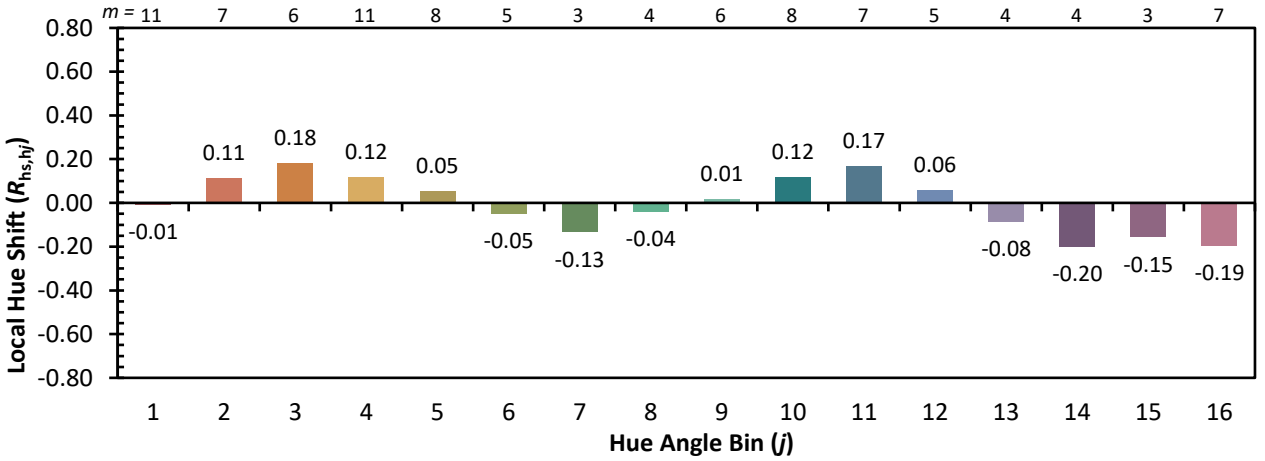


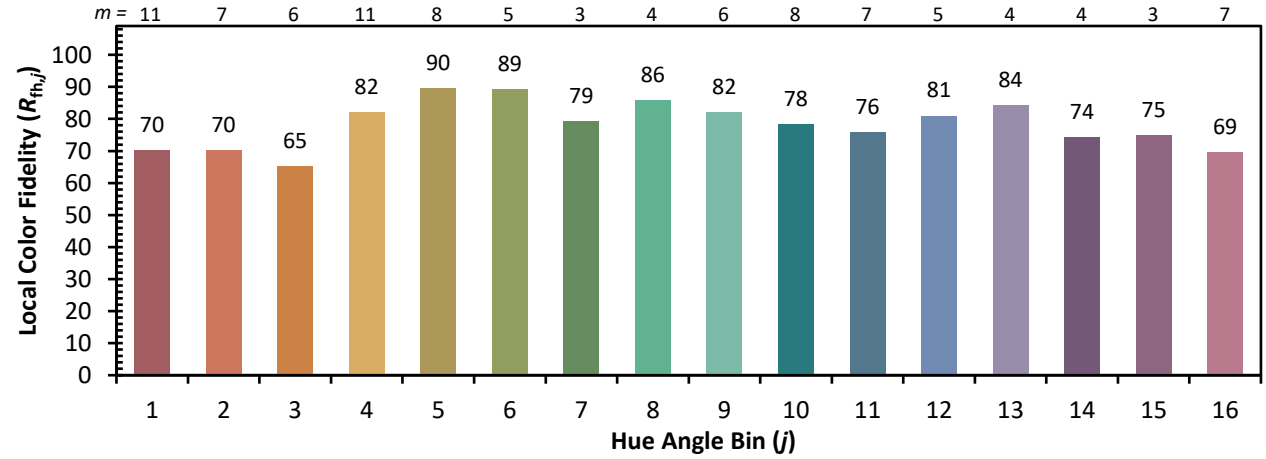
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Color Rendition by Hue-Angle Bin



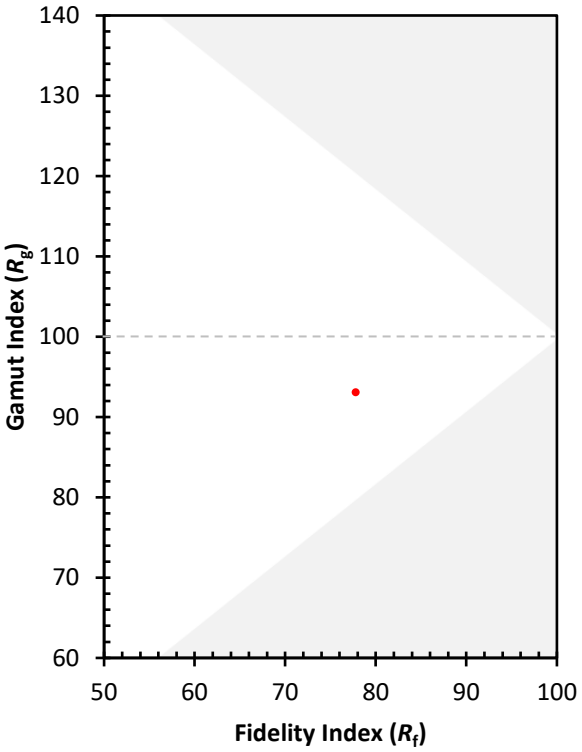


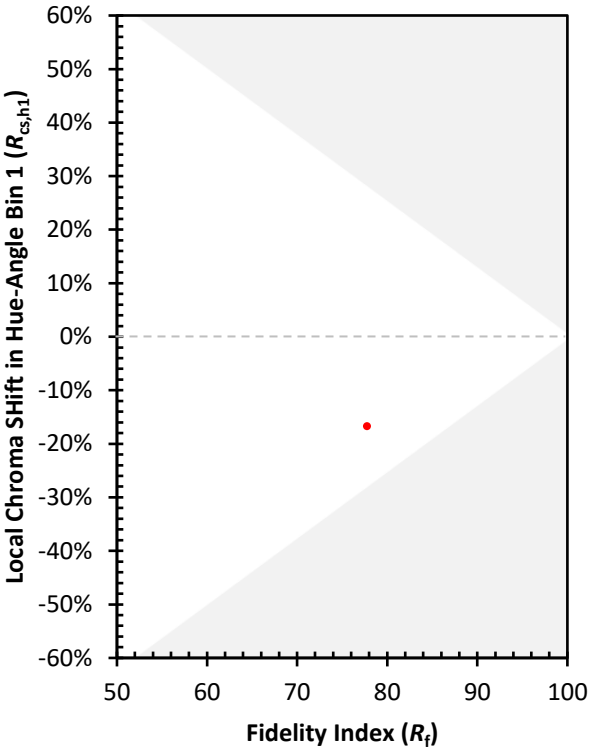


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Measure Comparisons





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