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: P981060

Luminaire Tested: **FFX-CLB-50-727-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:	P981060
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-50-727-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:	7639.6 lumens
Efficiency:	N/A
Efficacy:	151.0 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G3

Input Watts (W):	50.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.12%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

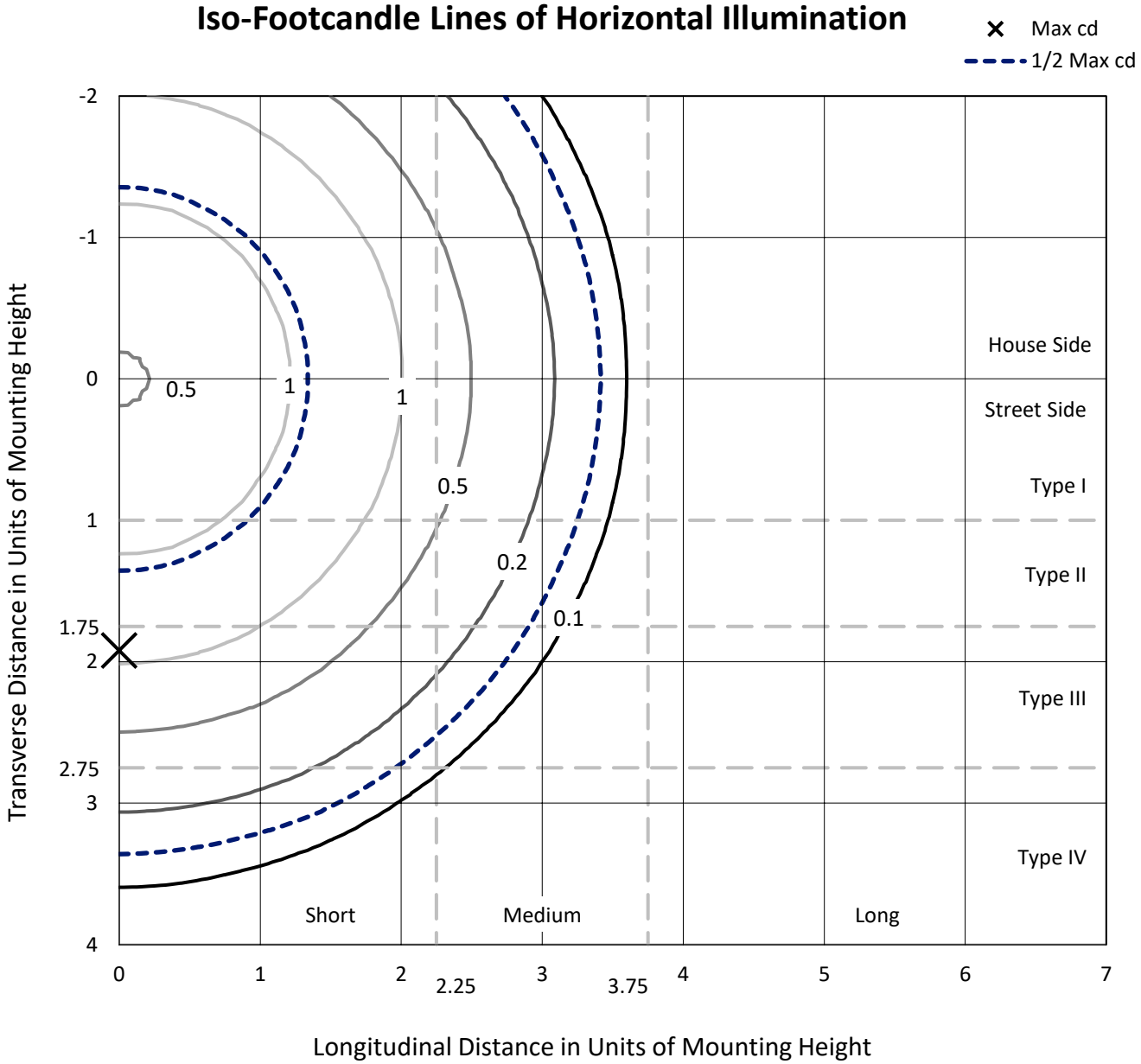


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REPORT NUMBER: P981060
CATALOG NUMBER: FFX-CLB-50-727-U-FR-T5

Iso-Footcandle Lines of Horizontal Illumination



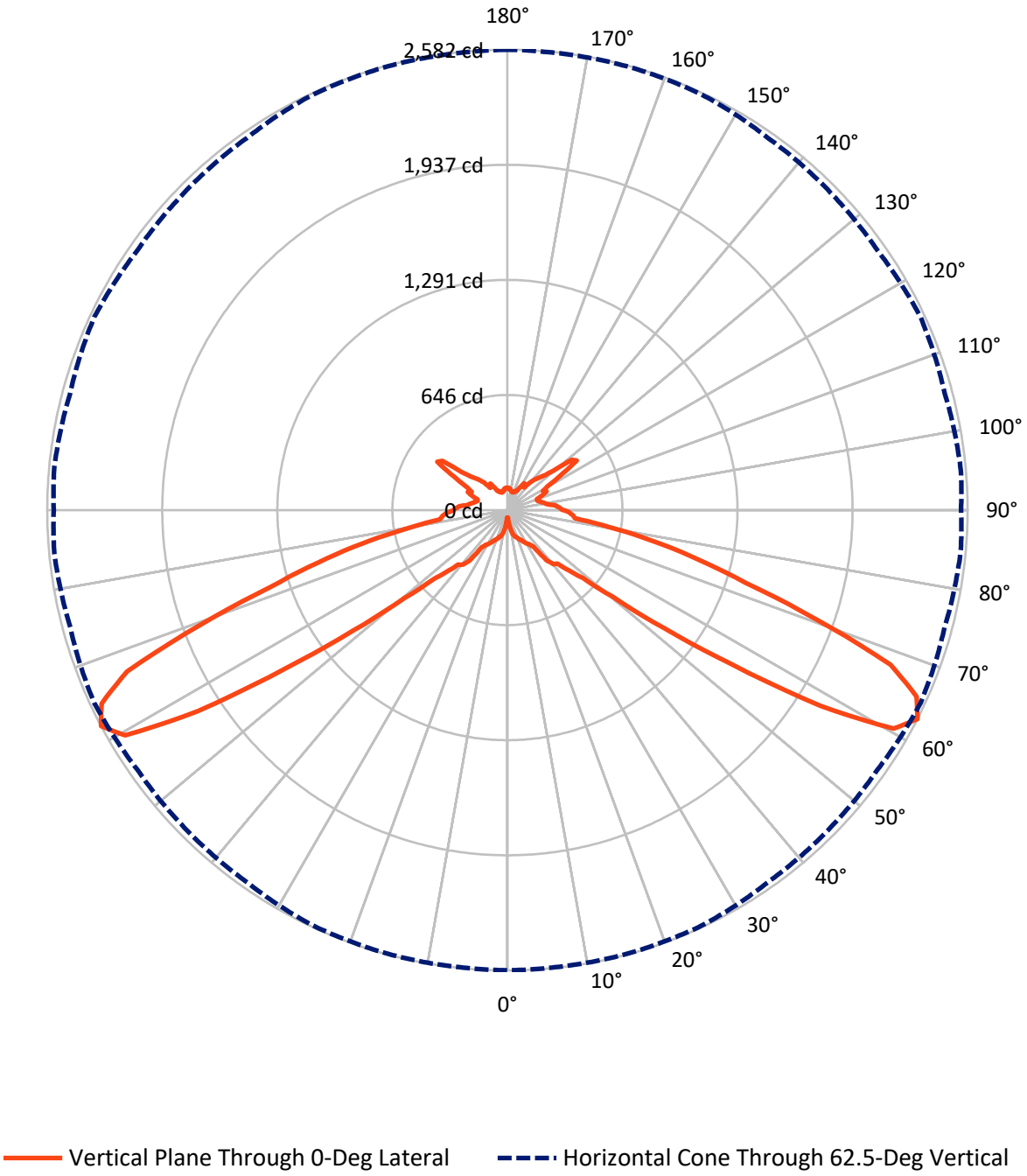
Based on 15 foot mounting height. Maximum calculated value = 1.4 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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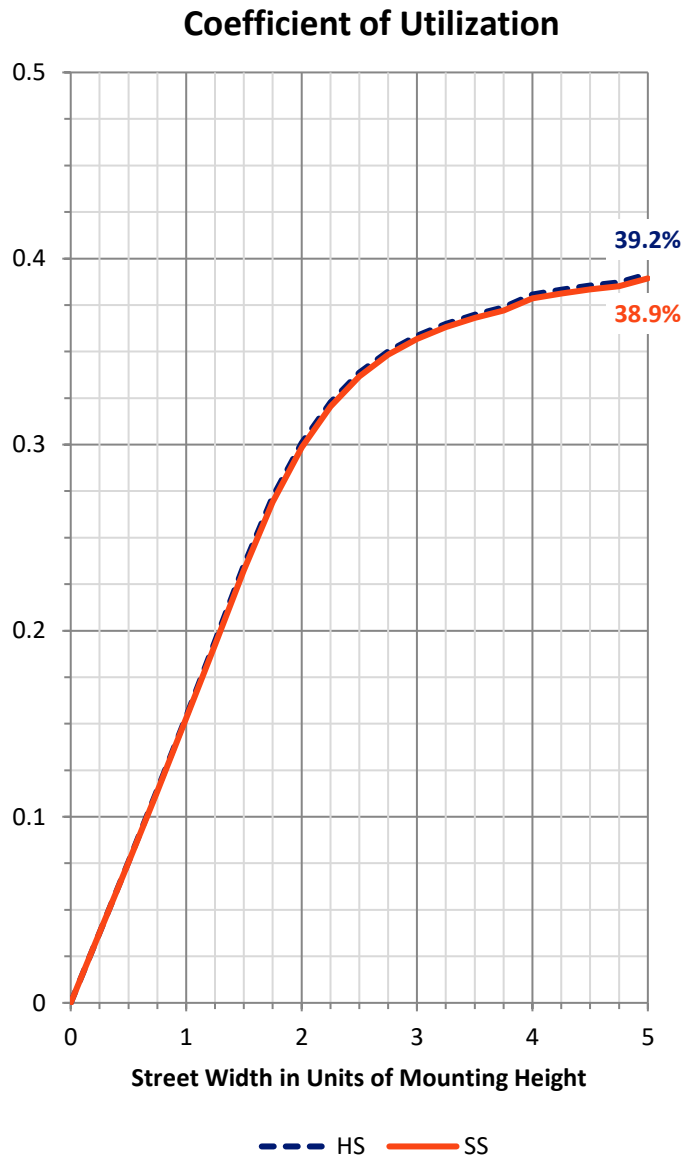
REPORT NUMBER: P981060
CATALOG NUMBER: FFX-CLB-50-727-U-FR-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3093.8	726.0	3819.8
	% Fixture	40.5	9.5	50.0
Street Side	Lumens	3093.8	726.0	3819.8
	% Fixture	40.5	9.5	50.0
Total	Lumens	6187.6	1452.0	7639.6
	% Fixture	81.0	19.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.9	0.1
10°-20°	42.5	0.6
20°-30°	90.3	1.2
30°-40°	182.5	2.4
40°-50°	407.7	5.3
50°-60°	1437.8	18.8
60°-70°	2353.1	30.8
70°-80°	1210.5	15.8
80°-90°	455.5	6.0
90°-100°	293.1	3.8
100°-110°	195.5	2.6
110°-120°	209.9	2.7
120°-130°	343.5	4.5
130°-140°	205.6	2.7
140°-150°	106.9	1.4
150°-160°	55.8	0.7
160°-170°	30.2	0.4
170°-180°	11.3	0.1
0°-90°	6187.6	81.0
0°-180°	7639.6	100.0



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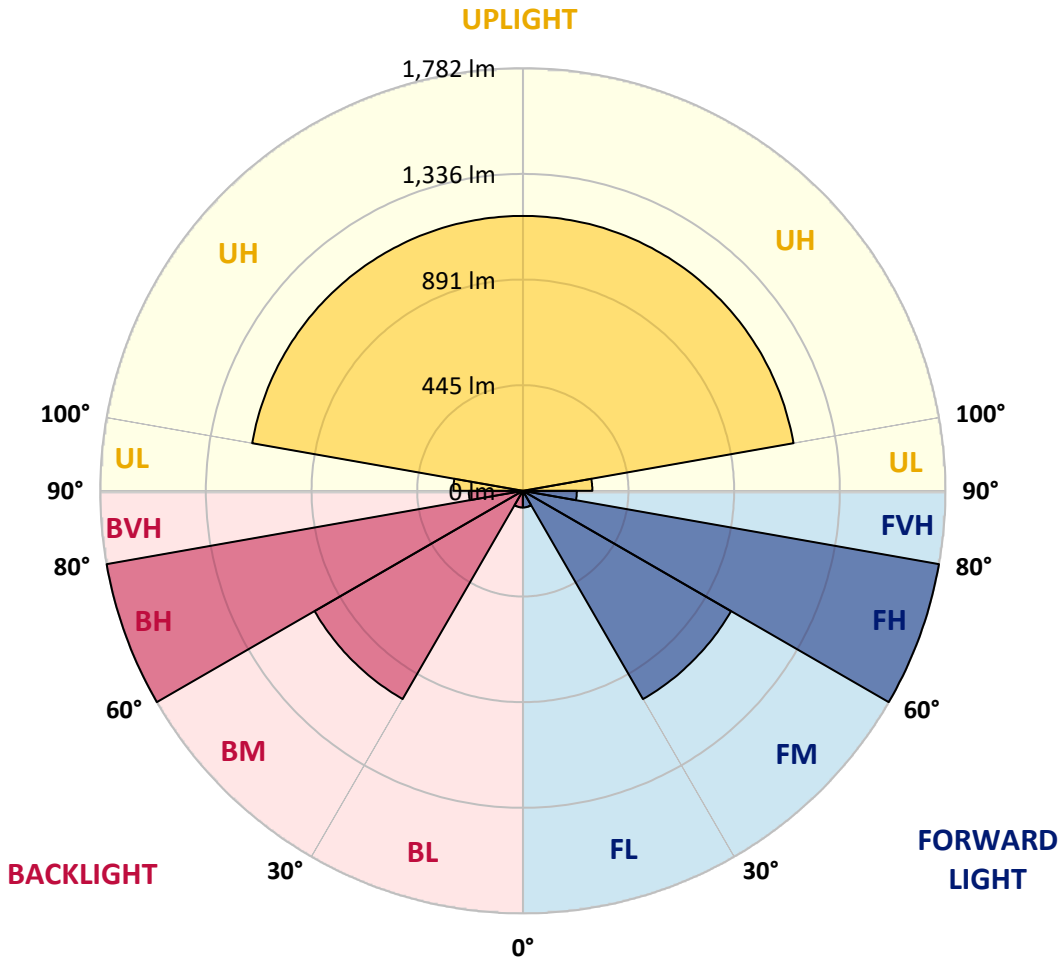
Scaled Data Report

REPORT NUMBER: P981060
CATALOG NUMBER: FFX-CLB-50-727-U-FR-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	70.3	0.9			
FM	(30°-60°)	1014.0	13.3			
FH	(60°-80°)	1781.8	23.3			G1/1800
FVH	(80°-90°)	227.7	3.0			G3/500
BL	(0°-30°)	70.3	0.9	B0/110		
BM	(30°-60°)	1014.0	13.3	B2/2500		
BH	(60°-80°)	1781.8	23.3	B3/2500		G1/1800
BVH	(80°-90°)	227.7	3.0			G3/500
UL	(90°-100°)	293.1	3.8		U3/500	
UH	(100°-180°)	1158.9	15.2		U5	

BUG Rating: B3-U5-G3
Type V Short



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REPORT NUMBER: P981060
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
2.5°	43.5	44.0	45.5	46.5	46.9	46.0	46.5	47.4	47.4	47.9	47.9
5°	64.6	65.0	64.6	64.1	63.6	64.6	65.0	64.6	63.1	63.6	63.1
7.5°	95.4	95.4	91.4	90.5	89.5	93.9	96.3	95.4	90.5	86.1	85.1
10°	117.4	116.9	113.5	109.1	108.6	111.5	117.9	119.3	111.5	106.1	105.1
12.5°	139.4	135.9	134.0	129.6	130.1	132.0	136.4	136.9	131.5	127.1	124.2
15°	152.6	153.1	153.1	150.6	149.6	151.6	153.6	155.0	151.1	147.7	145.7
17.5°	158.4	158.9	160.4	161.9	161.9	160.9	160.9	161.4	161.4	161.4	160.9
20°	170.7	171.2	170.7	171.6	173.1	172.1	170.7	171.2	170.7	171.2	170.7
22.5°	180.4	180.0	180.0	181.4	182.4	181.9	180.4	180.9	180.0	180.4	180.4
25°	190.7	191.2	192.2	192.7	193.2	193.2	192.7	193.7	193.2	192.2	192.2
27.5°	204.9	204.9	204.9	204.9	206.9	206.9	205.9	206.4	204.9	203.9	203.4
30°	218.6	219.1	218.1	219.1	221.0	220.1	219.6	220.5	218.6	218.1	218.1
32.5°	231.3	231.3	230.8	233.7	234.2	233.3	234.7	235.7	236.7	236.2	238.6
35°	252.8	253.8	262.1	269.4	271.9	271.4	273.4	274.3	272.4	272.4	270.9
37.5°	357.0	356.5	344.8	333.5	338.9	345.7	338.9	336.9	333.0	331.1	330.1
40°	398.5	398.5	387.8	388.8	384.9	385.3	387.8	395.6	391.2	383.4	383.9
42.5°	411.3	415.2	427.9	450.9	442.6	429.4	413.7	419.1	430.3	437.2	438.6
45°	483.6	489.0	490.0	489.0	485.1	490.5	486.6	489.5	491.0	499.8	503.7
47.5°	568.7	566.8	567.3	579.5	575.1	578.5	585.8	584.9	591.2	590.2	593.7
50°	762.4	767.8	759.9	775.6	779.5	773.6	802.0	802.0	804.9	792.2	793.7
52.5°	1095.9	1083.2	1083.2	1087.1	1088.1	1106.2	1126.2	1125.7	1133.0	1126.2	1141.4
55°	1525.2	1522.3	1528.7	1574.1	1579.0	1563.4	1567.8	1547.7	1612.3	1595.7	1607.9
57.5°	2071.5	2078.8	2070.5	2071.0	2067.1	2062.7	2087.1	2045.6	2076.8	2041.6	2042.6
60°	2489.6	2479.8	2452.4	2398.6	2394.2	2410.4	2437.7	2439.2	2407.9	2388.4	2371.7
62.5°	2582.0	2578.6	2577.6	2573.2	2548.3	2541.4	2536.0	2558.0	2539.5	2553.6	2545.3
65°	2522.8	2508.2	2521.4	2542.4	2526.3	2494.5	2467.1	2505.2	2493.0	2545.8	2518.4
67.5°	2317.9	2304.2	2298.9	2340.4	2320.4	2270.0	2251.4	2260.2	2246.0	2304.2	2293.5
70°	1839.7	1840.2	1850.9	1904.7	1884.7	1847.5	1825.0	1830.9	1845.1	1894.0	1880.3
72.5°	1395.7	1392.7	1405.4	1419.1	1420.1	1417.2	1411.3	1415.7	1424.0	1450.9	1457.8
75°	1101.3	1100.3	1079.7	1087.1	1084.1	1097.4	1116.9	1114.0	1118.4	1097.8	1092.0
77.5°	833.3	834.3	826.4	823.0	820.1	841.6	872.9	874.4	853.3	838.2	831.8
80°	576.5	580.5	603.9	604.4	608.8	608.8	633.8	630.8	623.5	623.0	623.0
82.5°	382.4	389.3	413.2	440.6	445.0	439.6	453.3	457.2	466.5	473.4	475.3
85°	367.7	380.0	372.1	383.9	384.4	387.8	393.2	395.1	394.1	395.6	392.7
87.5°	344.3	359.4	357.5	365.3	367.3	372.6	378.5	380.9	376.1	372.1	371.2
90°	305.6	319.8	326.7	333.0	335.0	333.5	337.4	338.4	337.9	333.5	332.5
92.5°	289.5	294.9	298.8	303.7	309.5	306.1	308.6	306.1	310.0	309.1	310.0
95°	269.0	270.9	268.5	271.4	272.4	269.0	268.5	268.5	266.5	264.1	265.0
97.5°	227.4	230.8	229.8	229.8	230.3	228.9	229.3	228.9	229.8	228.4	227.9
100°	212.2	212.2	211.3	210.8	210.3	208.8	208.3	206.9	206.9	205.4	204.4
102.5°	196.6	198.1	196.6	196.1	196.1	193.7	194.1	194.1	193.2	192.7	190.2
105°	185.3	184.8	183.9	181.9	180.0	180.0	180.9	180.4	179.0	178.5	176.5
107.5°	175.1	174.1	172.6	169.7	168.7	169.2	170.7	171.2	170.7	168.7	167.2
110°	177.0	175.6	173.1	172.1	173.6	174.6	175.1	176.0	179.0	180.0	178.0

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CATALOG NUMBER: FFX-CLB-50-727-U-FR-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*213.2*	210.8	209.3	202.9	207.8	208.8	207.8	208.3	209.8	207.8	208.8
115°	*243.5*	246.0	246.5	226.9	227.4	224.5	221.5	220.5	216.1	219.6	230.8
117.5°	*224.9*	232.8	215.7	206.9	201.5	199.5	204.4	205.4	201.0	206.4	222.5
120°	*258.2*	261.6	226.4	209.3	208.8	217.1	230.3	234.2	229.3	239.6	258.2
122.5°	*350.6*	348.2	344.8	347.7	339.9	339.4	350.1	348.7	335.5	336.9	341.3
125°	*477.8*	476.8	470.4	464.1	458.7	461.6	457.2	451.9	442.1	440.6	440.6
127.5°	*457.2*	457.2	452.8	449.4	444.0	444.5	444.0	434.2	430.3	430.8	430.8
130°	*336.4*	336.9	350.6	362.8	359.4	360.9	352.1	349.2	361.9	373.6	373.6
132.5°	*285.1*	286.1	301.2	310.5	305.6	295.9	286.6	287.5	295.4	307.1	306.6
135°	*254.8*	256.7	257.7	256.7	253.8	251.4	250.9	253.3	255.3	263.6	265.5
137.5°	*230.8*	229.3	224.5	220.1	216.6	223.0	226.9	225.9	224.0	222.5	223.5
140°	*202.9*	201.0	194.1	193.2	195.1	198.1	199.0	200.0	200.5	199.5	199.0
142.5°	*158.4*	159.9	166.3	174.1	174.6	169.7	170.2	170.2	172.1	174.6	173.6
145°	*158.9*	159.9	162.4	168.2	168.2	164.3	162.8	164.3	168.7	173.6	173.6
147.5°	*177.0*	175.6	172.1	170.7	169.2	168.7	168.7	165.3	165.8	165.8	165.8
150°	*150.6*	150.1	148.2	147.2	146.7	146.2	148.7	148.2	149.1	148.2	147.7
152.5°	*124.2*	123.7	121.8	120.3	120.8	123.7	127.6	129.1	128.1	126.2	125.2
155°	*117.9*	118.3	115.4	114.4	114.9	116.4	117.4	117.4	115.4	113.0	113.0
157.5°	*111.5*	112.0	110.5	109.5	110.0	111.0	112.5	113.0	111.5	109.5	109.1
160°	*106.6*	106.1	105.6	105.6	105.6	105.6	106.1	106.6	106.1	105.6	105.1
162.5°	*104.2*	104.2	104.2	104.2	104.6	104.2	104.2	104.2	104.2	104.2	104.2
165°	*103.7*	103.7	104.2	105.1	105.6	105.1	105.1	105.1	105.6	106.6	106.6
167.5°	*108.1*	107.6	109.1	109.5	110.0	109.5	109.1	108.6	109.1	110.0	110.0
170°	*113.0*	113.5	113.5	113.9	113.9	113.5	113.0	113.5	113.0	113.5	113.5
172.5°	*117.9*	117.9	117.9	117.4	117.4	117.4	117.4	117.4	117.4	116.9	116.9
175°	*121.8*	121.8	121.8	121.8	121.3	121.8	122.3	122.3	121.8	121.8	120.8
177.5°	*125.2*	125.2	125.2	125.2	125.2	125.2	125.2	124.7	124.7	124.7	124.2
180°	*125.7*	125.7	125.7	125.7	125.7	125.7	125.7	125.7	125.7	125.7	125.7

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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: SP1-2501-332-3

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

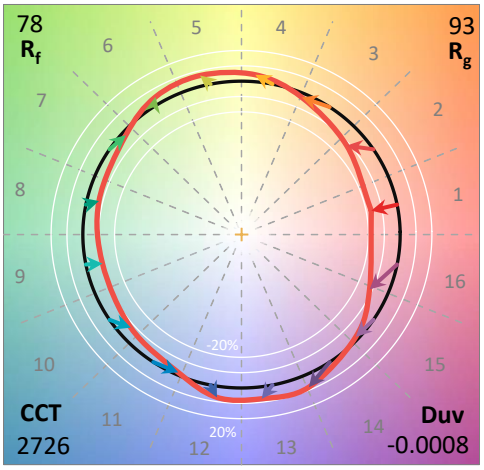
Test Information

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

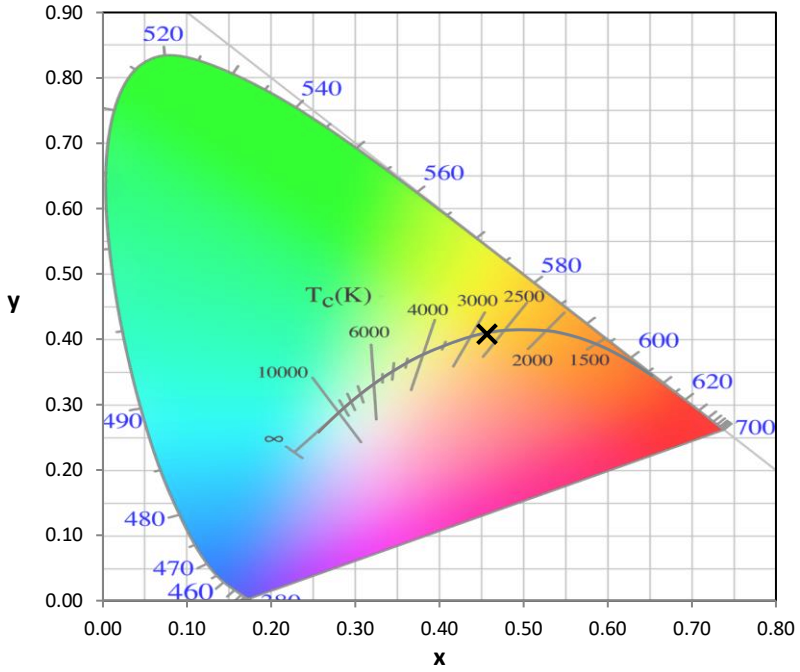
Stabilization Time:	75M
Operation Time:	2H 15M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-3

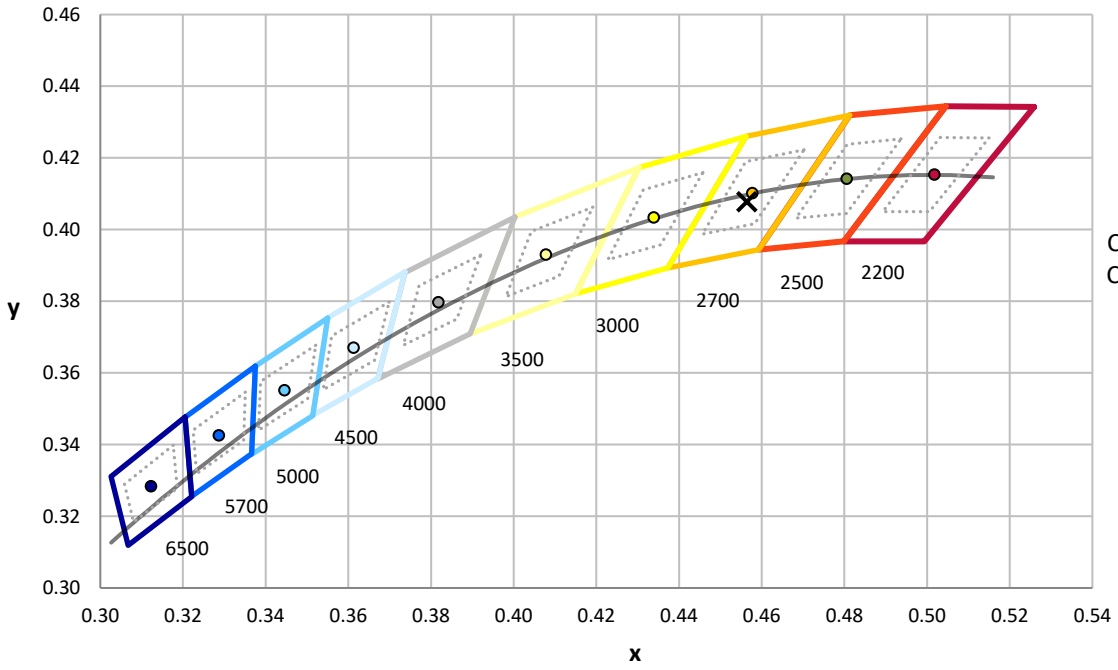
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

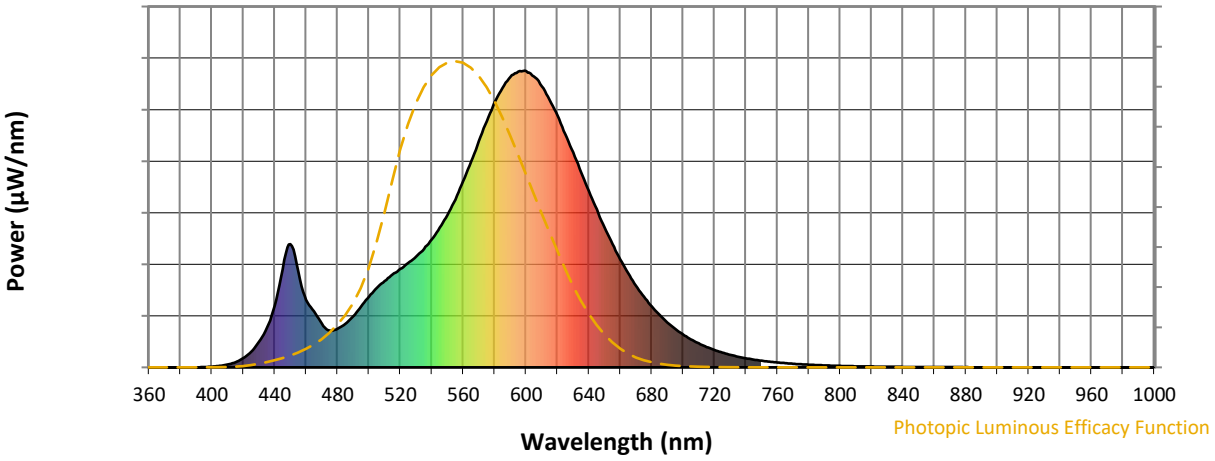


CCT = 2726K
CIE x = 0.4564
CIE y = 0.4077
Duv = -0.0008

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-3

Photopic Flux vs. Wavelength

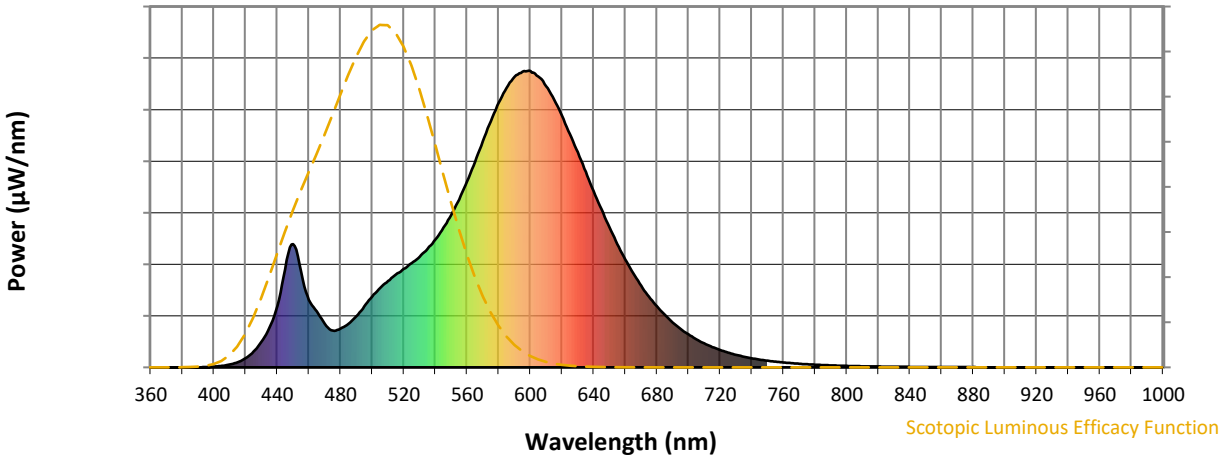


Photopic Lumens: NR

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

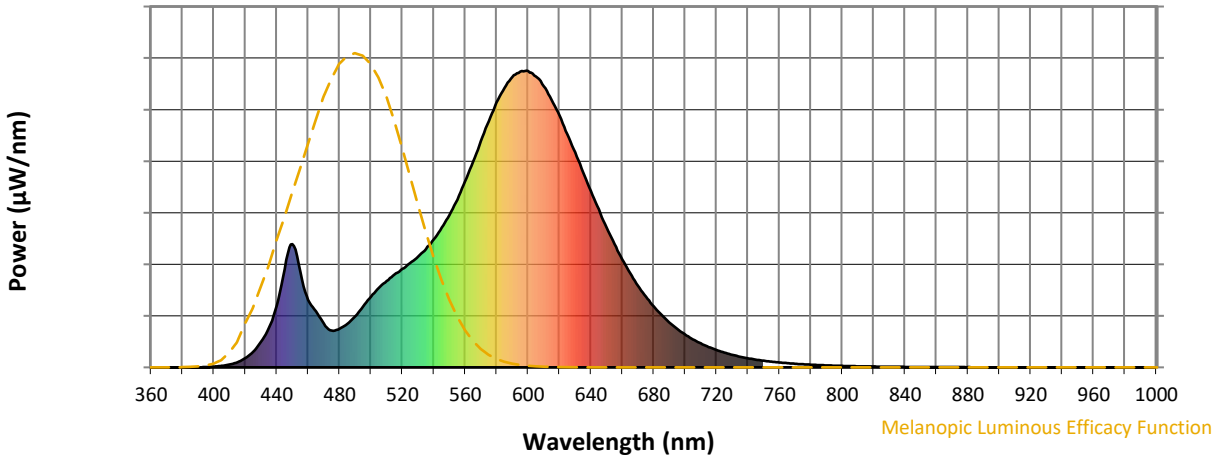


Scotopic Lumens: NR **S/P: 1.16**

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			

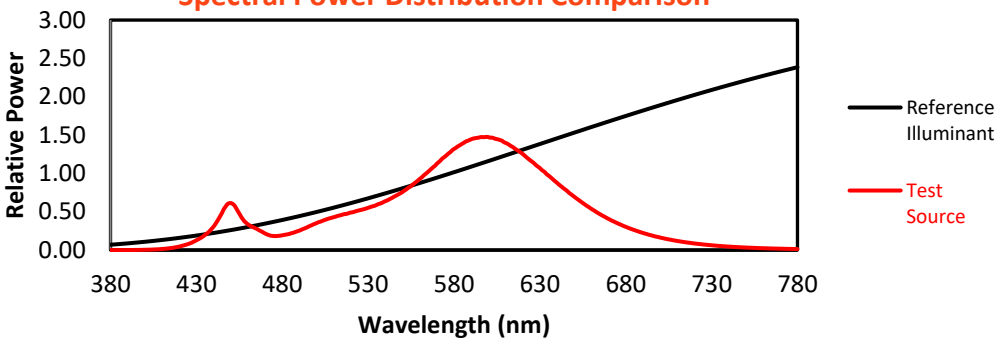
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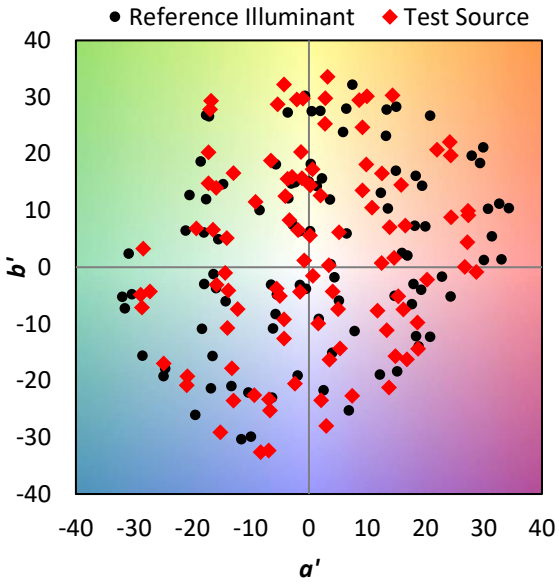
Summary

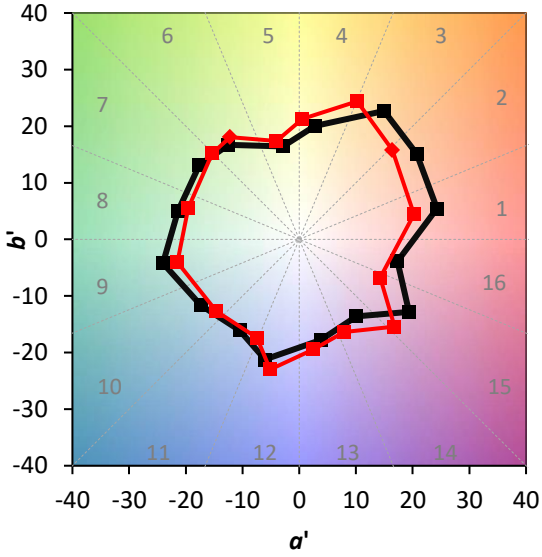
R_f = 77.8
R_g = 93.1
CIE R_a = 72.7
R_9 = -32.4

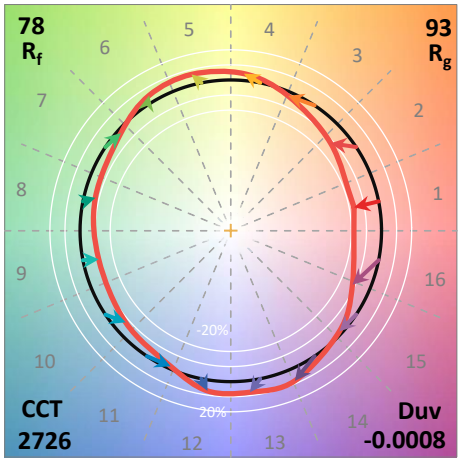
Spectral Power Distribution Comparison

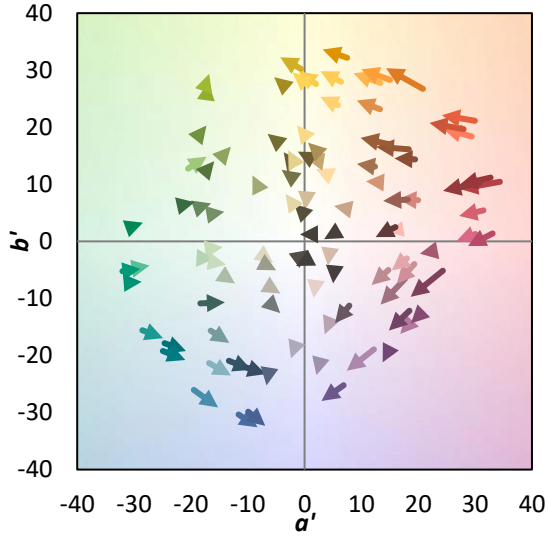


Color Vector Graphics







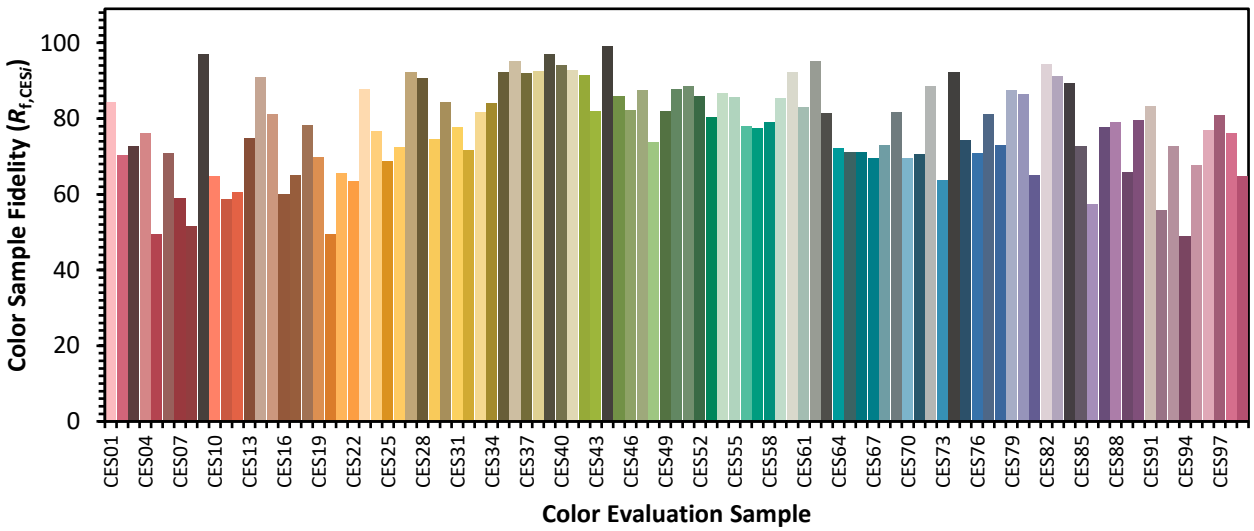


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Individual Sample Fidelity Index ($R_{f,i}$)

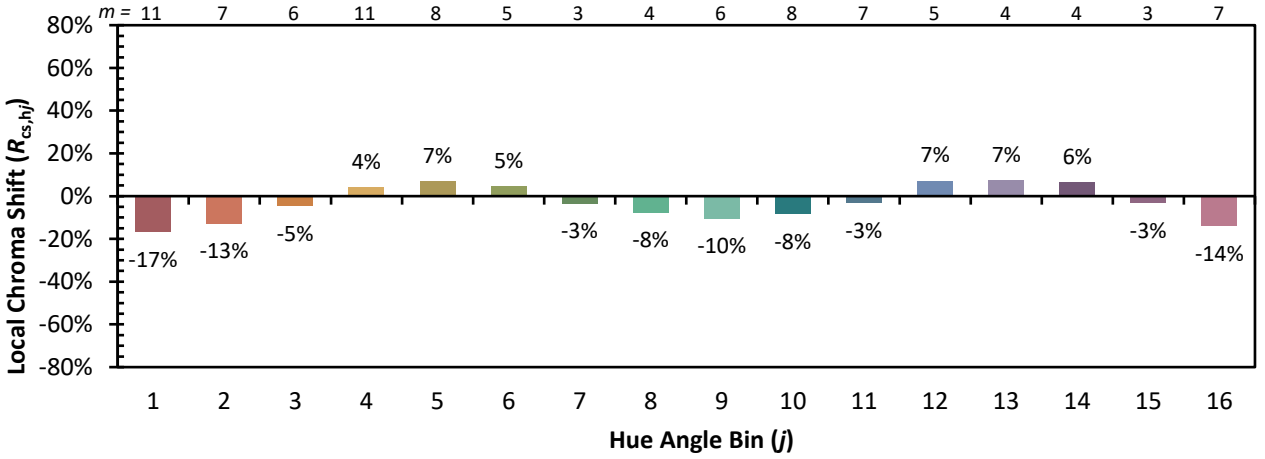
CES01 = 86	CES26 = 72	CES51 = 88	CES76 = 71
CES02 = 63	CES27 = 92	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 91	CES53 = 80	CES78 = 73
CES04 = 71	CES29 = 75	CES54 = 87	CES79 = 88
CES05 = 50	CES30 = 84	CES55 = 86	CES80 = 87
CES06 = 52	CES31 = 78	CES56 = 78	CES81 = 65
CES07 = 42	CES32 = 72	CES57 = 77	CES82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

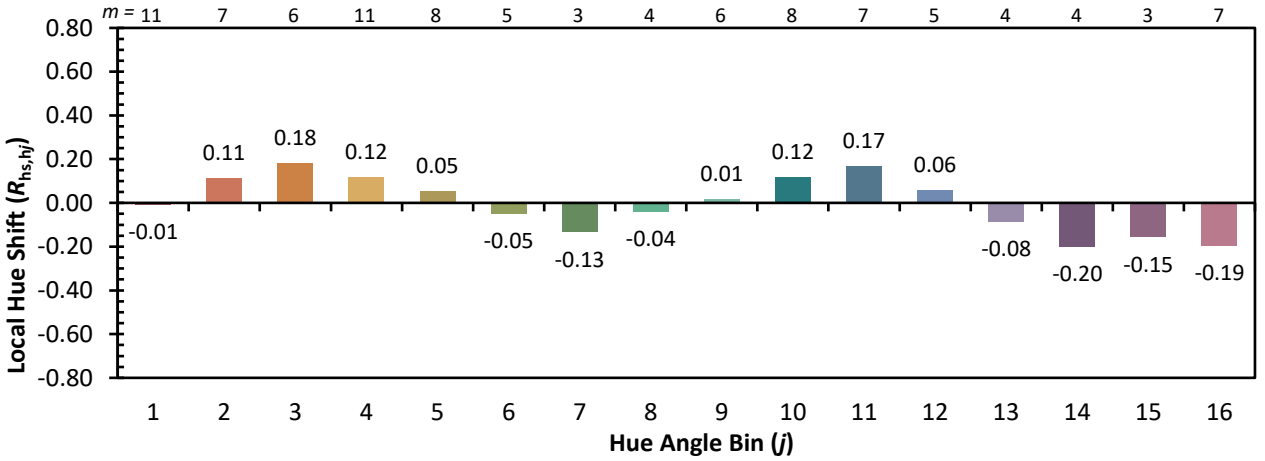


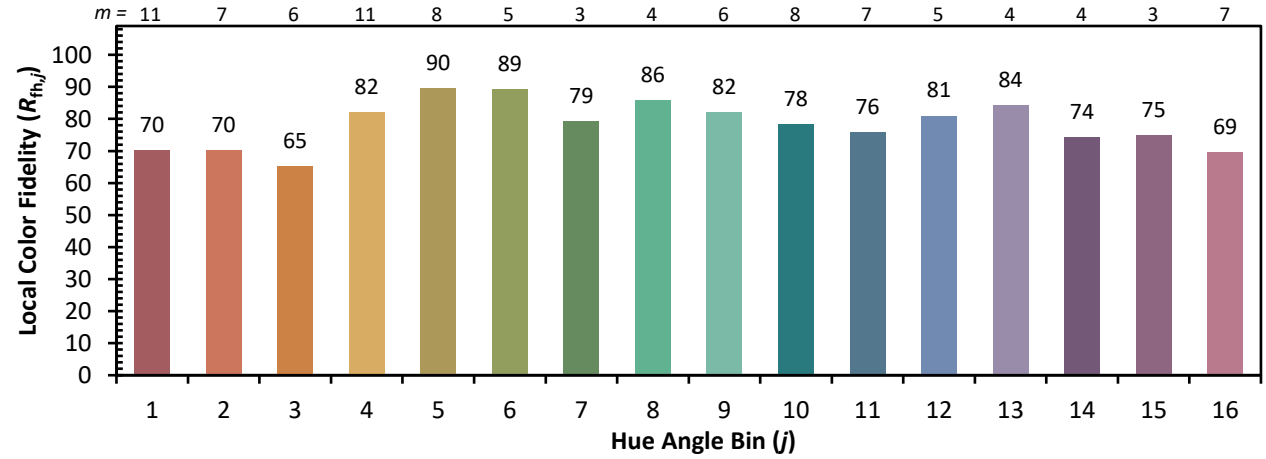
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Color Rendition by Hue-Angle Bin



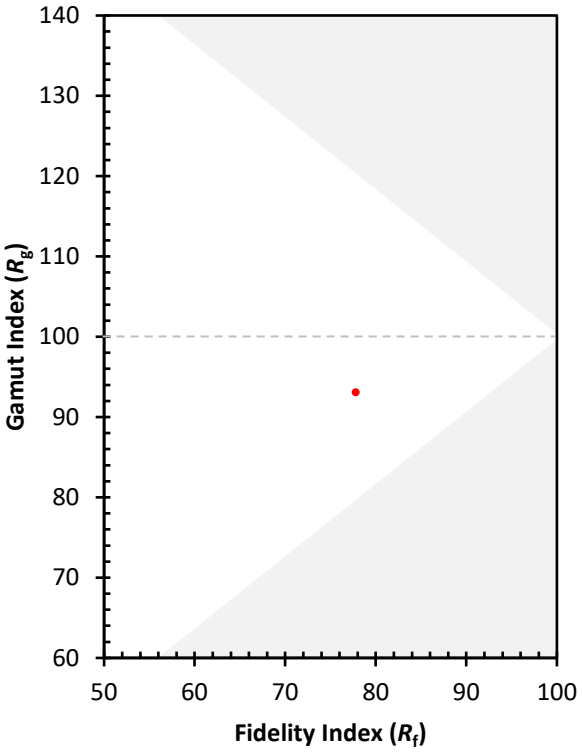


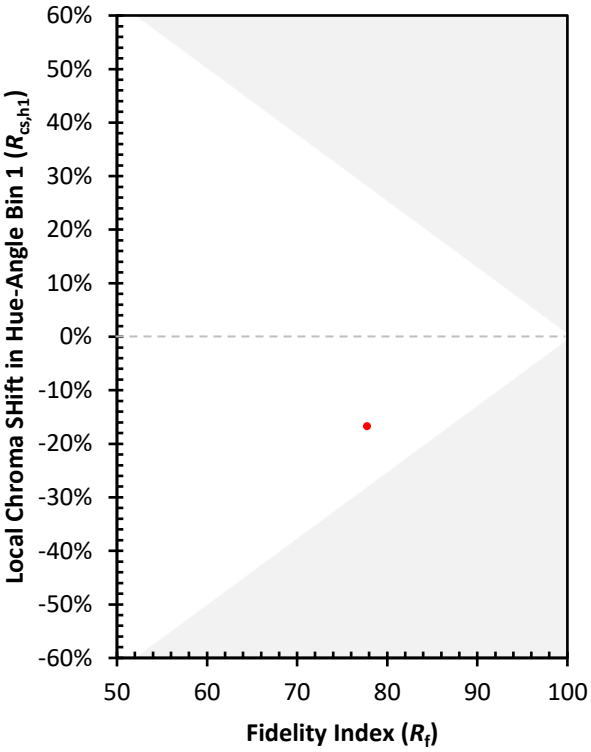


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Measure Comparisons





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