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: P981306

Luminaire Tested: **FFX-CLB-20-740-U-VM9-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:	P981306
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-20-740-U-VM9-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK
Light Source:	(6) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3554.2 lumens
Efficiency:	N/A
Efficacy:	179.5 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B1 - U5 - G2

Input Watts (W):	19.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	9.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

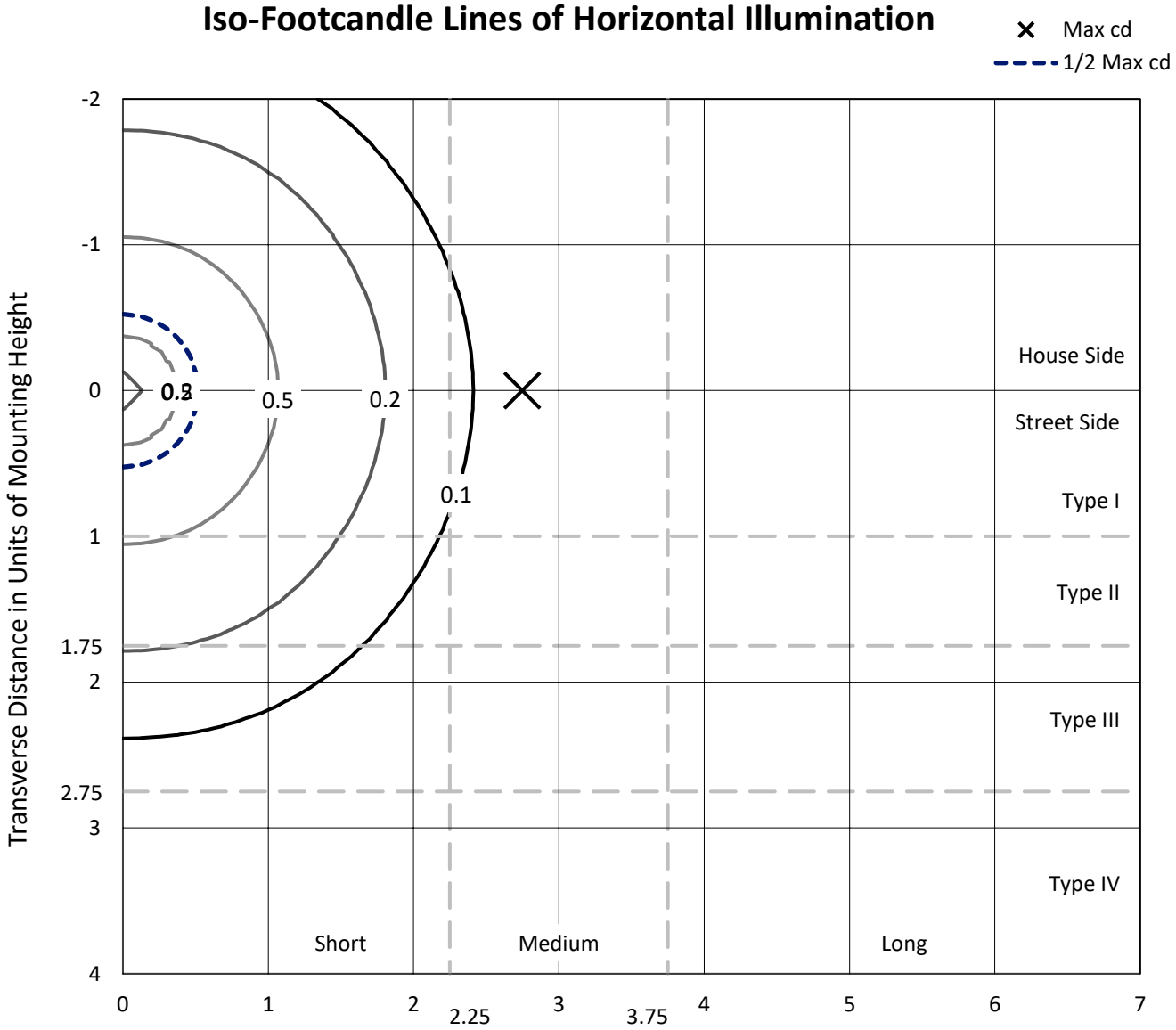


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REPORT NUMBER: P981306
CATALOG NUMBER: FFX-CLB-20-740-U-VM9-T5

Iso-Footcandle Lines of Horizontal Illumination



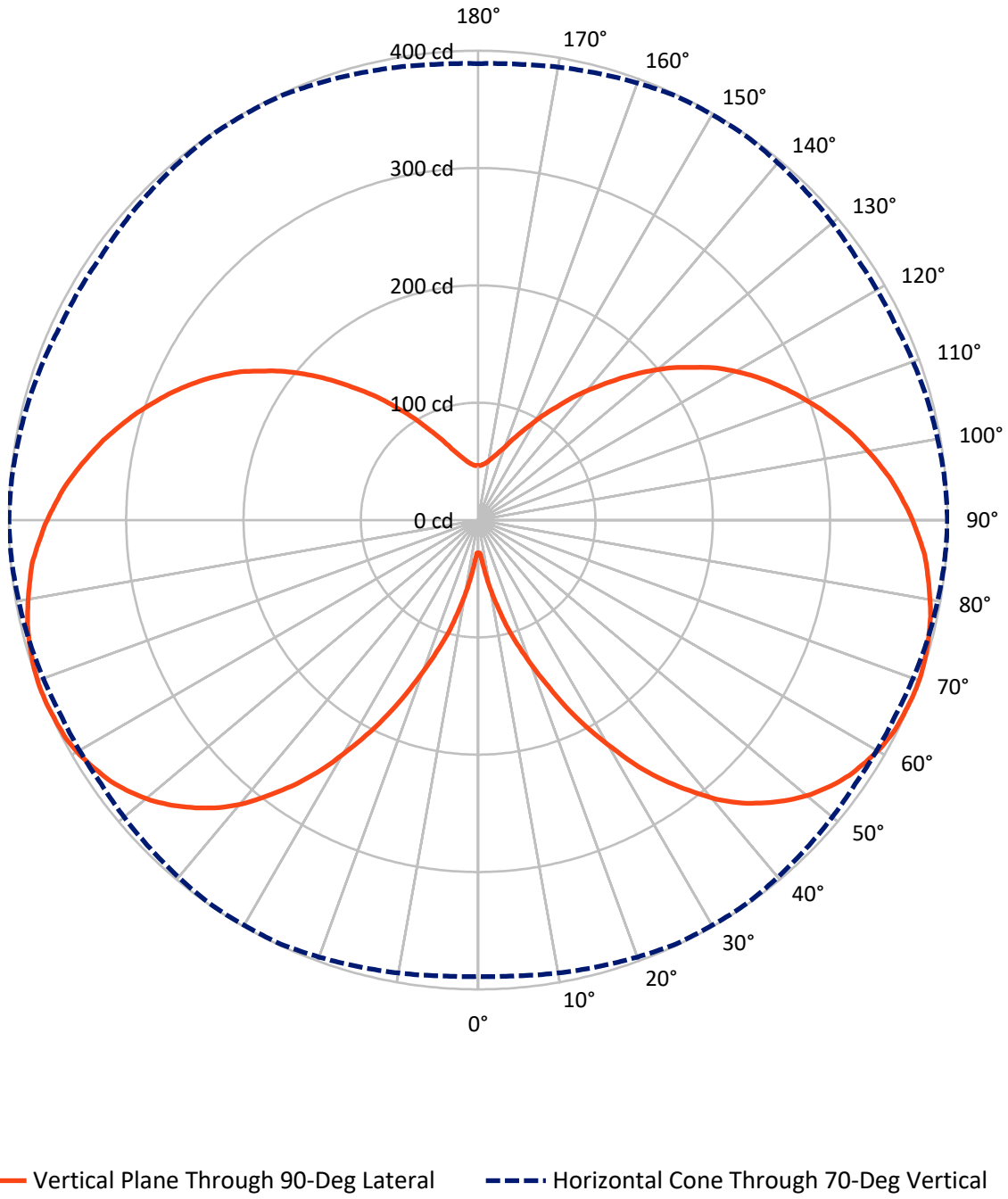
Based on 15 foot mounting height. Maximum calculated value = 0.7 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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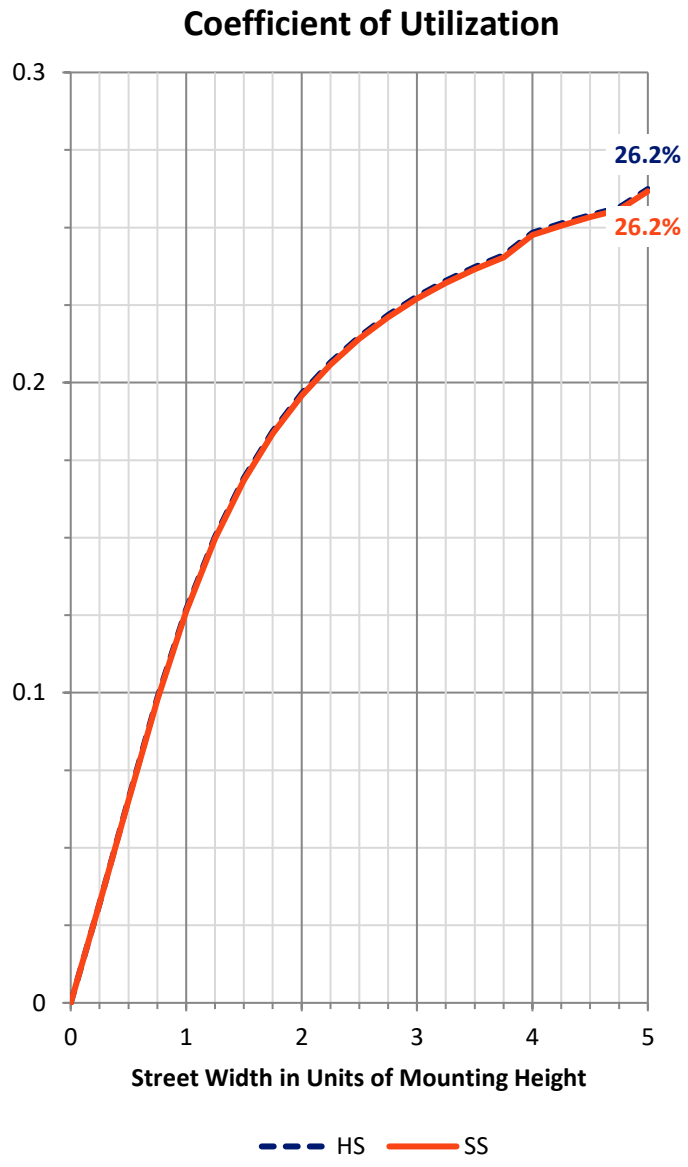
REPORT NUMBER: P981306
CATALOG NUMBER: FFX-CLB-20-740-U-VM9-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1052.1	725.0	1777.1
	% Fixture	29.6	20.4	50.0
Street Side	Lumens	1052.1	725.0	1777.1
	% Fixture	29.6	20.4	50.0
Total	Lumens	2104.3	1449.9	3554.2
	% Fixture	59.2	40.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.2	0.1
10°-20°	28.4	0.8
20°-30°	83.4	2.3
30°-40°	169.6	4.8
40°-50°	263.2	7.4
50°-60°	339.9	9.6
60°-70°	390.8	11.0
70°-80°	414.1	11.7
80°-90°	410.7	11.6
90°-100°	381.8	10.7
100°-110°	332.8	9.4
110°-120°	271.8	7.6
120°-130°	201.5	5.7
130°-140°	130.4	3.7
140°-150°	73.8	2.1
150°-160°	36.8	1.0
160°-170°	16.3	0.5
170°-180°	4.6	0.1
0°-90°	2104.3	59.2
0°-180°	3554.2	100.0



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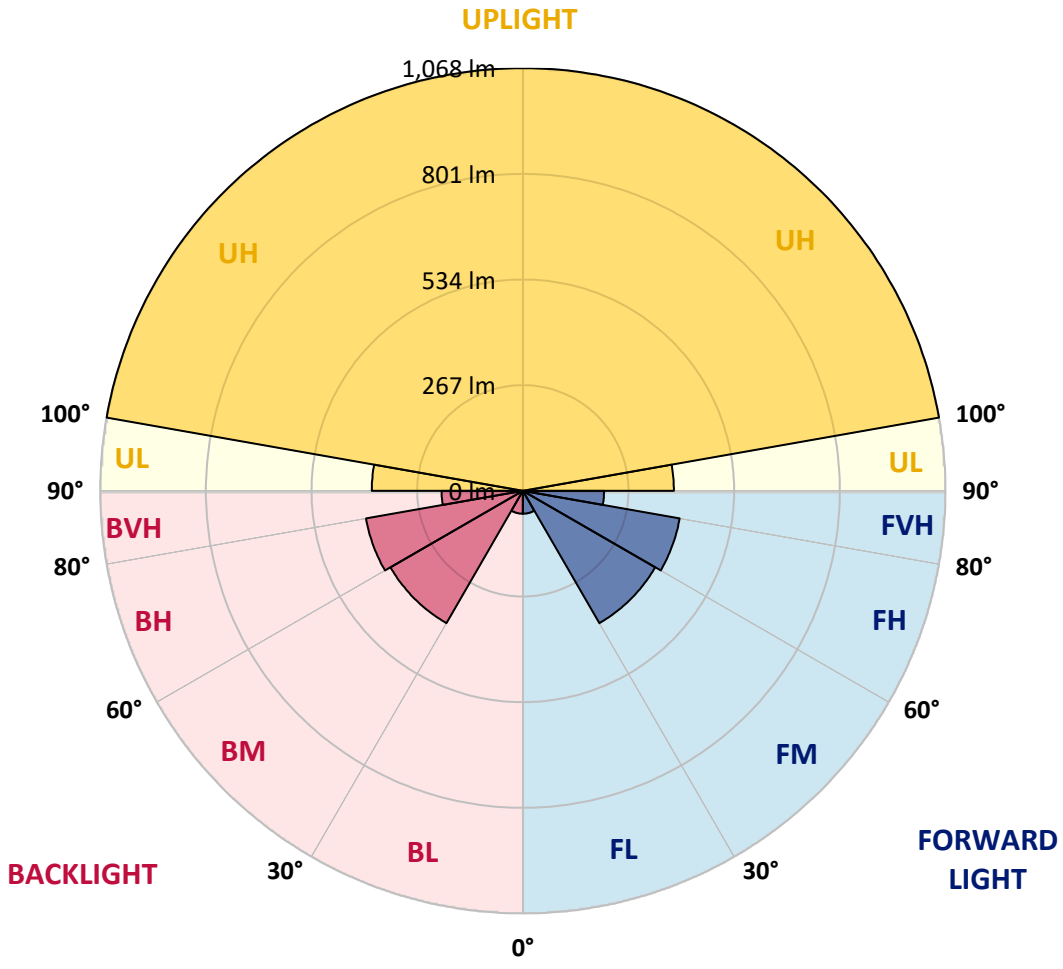
Scaled Data Report

REPORT NUMBER: P981306
CATALOG NUMBER: FFX-CLB-20-740-U-VM9-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	58.0	1.6			
FM	(30°-60°)	386.3	10.9			
FH	(60°-80°)	402.5	11.3			G0/660
FVH	(80°-90°)	205.3	5.8			G2/225
BL	(0°-30°)	58.0	1.6	B0/110		
BM	(30°-60°)	386.3	10.9	B1/1000		
BH	(60°-80°)	402.5	11.3	B1/500		G0/660
BVH	(80°-90°)	205.3	5.8			G2/225
UL	(90°-100°)	381.8	10.7		U3/500	
UH	(100°-180°)	1068.1	30.1		U5	

BUG Rating: B1-U5-G2
Type V Short



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Scaled Data Report

REPORT NUMBER: P981306
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
2.5°	28.3	28.3	28.3	28.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0
5°	34.9	34.7	34.7	34.9	34.9	34.9	34.7	34.9	34.5	34.2	34.7
7.5°	46.8	46.8	46.8	46.8	46.4	46.4	47.0	46.6	46.8	46.6	47.0
10°	61.2	61.2	61.0	61.4	61.6	61.4	61.2	61.8	61.4	61.4	61.8
12.5°	77.5	77.7	77.7	78.0	78.4	77.7	78.4	78.4	78.4	78.0	77.7
15°	96.3	96.1	96.5	96.3	95.4	96.3	96.5	96.1	96.3	96.5	96.7
17.5°	113.7	113.5	113.7	113.5	114.4	114.6	114.4	114.4	114.4	114.6	114.2
20°	132.9	133.2	132.5	133.2	133.2	133.6	134.5	134.3	134.5	133.8	133.2
22.5°	153.9	154.1	153.5	153.3	154.6	154.4	154.4	155.0	155.5	155.5	155.0
25°	176.5	176.0	176.0	176.7	176.7	176.5	177.6	178.0	177.8	178.4	178.9
27.5°	199.0	198.5	198.5	199.4	199.4	199.4	199.4	201.4	201.6	202.1	202.3
30°	220.8	222.4	222.4	221.9	222.6	223.7	224.4	224.4	225.0	225.0	225.3
32.5°	244.7	244.7	245.1	245.8	245.8	247.8	246.7	248.4	248.0	249.3	250.2
35°	267.2	267.7	267.7	269.0	269.0	269.4	269.6	270.7	272.3	272.1	272.3
37.5°	288.2	288.0	287.5	289.5	290.0	289.7	290.0	291.7	292.2	292.8	292.4
40°	307.4	306.7	307.8	309.0	309.0	309.4	309.8	310.7	311.6	312.0	312.7
42.5°	323.5	323.3	324.4	325.3	325.5	325.7	325.7	326.4	328.6	329.3	329.7
45°	337.7	337.4	338.8	339.9	340.5	340.5	339.9	340.8	342.7	343.4	343.6
47.5°	349.8	350.0	351.8	353.1	353.6	352.9	352.5	353.3	354.9	356.7	356.4
50°	360.0	360.2	362.2	364.4	364.6	363.9	362.8	363.5	365.7	367.0	367.3
52.5°	368.6	368.8	371.2	373.4	373.7	372.6	371.2	372.3	374.3	375.9	376.3
55°	375.4	376.1	378.5	380.9	381.6	380.1	378.3	379.0	381.2	383.6	383.8
57.5°	380.5	380.7	383.8	386.5	387.4	385.1	383.8	383.8	386.5	388.7	389.1
60°	384.0	384.9	388.5	391.5	392.0	390.0	387.6	388.0	390.9	393.3	394.0
62.5°	387.1	388.0	391.3	395.1	395.5	392.9	390.4	390.7	394.0	396.4	397.3
65°	388.7	389.3	393.3	397.1	397.5	394.9	392.0	392.2	395.3	398.2	398.4
67.5°	389.1	389.8	394.0	398.4	398.6	395.7	392.4	393.1	396.2	399.1	399.5
70°	388.7	389.6	393.8	398.4	398.8	395.3	392.0	392.4	396.0	398.8	399.7
72.5°	387.1	388.2	392.4	397.3	397.5	394.2	390.9	390.9	394.9	398.0	398.4
75°	385.1	386.2	390.9	395.7	396.0	392.4	388.9	389.3	393.1	396.0	396.4
77.5°	382.9	383.6	388.2	393.3	393.8	390.0	386.5	386.9	390.4	393.5	394.0
80°	379.4	380.1	384.9	389.8	390.2	386.5	382.7	383.6	387.1	390.0	390.0
82.5°	375.2	375.6	380.5	385.8	386.0	382.3	379.0	379.4	382.9	385.8	385.8
85°	370.3	371.0	375.9	380.9	380.9	377.4	373.9	374.8	378.1	380.7	381.6
87.5°	365.0	365.3	370.1	374.8	375.0	371.5	368.4	369.0	372.3	374.8	375.0
90°	358.9	359.3	363.9	368.4	368.6	365.0	362.2	363.1	365.7	367.9	368.6
92.5°	352.0	352.7	357.1	361.3	361.1	358.0	355.6	356.7	358.9	361.1	361.1
95°	345.0	345.8	349.4	353.3	352.9	350.3	348.3	349.1	351.4	353.1	353.6
97.5°	337.4	337.7	341.4	344.3	344.3	341.9	340.3	341.0	343.2	344.3	344.7
100°	329.3	329.5	332.4	335.2	335.2	333.0	331.9	332.6	334.3	335.2	335.5
102.5°	321.1	320.9	323.3	325.7	325.7	324.0	323.1	324.4	325.3	326.0	326.4
105°	311.8	311.6	313.8	316.0	315.6	314.5	313.6	314.7	315.8	316.2	316.2
107.5°	301.7	302.5	303.9	305.6	305.4	304.5	304.5	305.2	305.9	306.1	306.3
110°	293.1	292.8	294.2	295.0	295.3	294.8	295.3	295.5	295.7	295.7	295.7

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Scaled Data Report

REPORT NUMBER: P981306
CATALOG NUMBER: FFX-CLB-20-740-U-VM9-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	283.1	283.1	283.6	284.2	284.4	284.7	284.9	285.8	285.3	285.5	*285.1*
115°	272.3	272.5	273.0	273.2	273.6	273.8	274.9	274.9	275.2	274.7	*274.1*
117.5°	261.5	261.9	261.7	261.5	262.4	263.0	263.7	264.1	264.1	263.2	*262.8*
120°	249.8	249.3	249.3	249.3	250.0	251.1	252.0	252.2	252.0	250.9	*250.7*
122.5°	237.0	237.4	236.7	237.0	237.2	238.7	239.4	239.8	239.2	237.8	*238.3*
125°	223.7	224.2	223.0	223.0	224.2	224.8	225.5	226.1	225.0	224.4	*223.9*
127.5°	209.6	209.6	209.4	208.7	210.0	210.7	212.0	212.0	211.1	210.2	*210.7*
130°	195.2	195.0	195.4	195.0	195.2	196.5	197.7	197.2	196.8	196.3	*196.3*
132.5°	180.4	180.9	180.4	180.2	181.3	181.8	182.9	183.3	182.4	181.3	*181.8*
135°	166.5	166.3	166.1	166.1	166.7	167.8	168.5	168.3	168.3	167.8	*167.4*
137.5°	152.2	152.8	152.4	152.4	152.8	153.9	155.0	154.8	154.6	153.7	*153.3*
140°	139.3	138.9	139.1	139.1	140.2	140.2	141.3	141.3	141.1	140.5	*140.9*
142.5°	126.5	126.3	127.2	126.8	127.2	128.3	128.7	128.5	128.1	128.3	*128.5*
145°	114.8	115.1	114.8	115.1	115.7	116.4	117.3	116.8	116.8	116.2	*115.9*
147.5°	103.8	103.8	103.6	104.5	104.7	105.6	105.8	106.0	105.6	105.1	*105.8*
150°	94.1	93.9	93.9	94.1	94.5	95.2	95.6	95.6	95.8	95.4	*95.2*
152.5°	85.0	84.6	84.8	85.2	85.5	86.1	86.1	86.6	86.3	86.1	*86.1*
155°	76.9	77.1	77.1	77.3	77.7	78.0	78.4	78.2	78.4	78.2	*78.2*
157.5°	70.2	70.7	70.7	70.9	70.7	70.9	71.1	71.3	71.3	71.3	*71.3*
160°	64.9	64.7	64.7	64.7	64.7	64.9	65.4	65.1	65.4	65.1	*64.9*
162.5°	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.5	60.3	60.3	*60.3*
165°	56.1	56.3	56.1	56.1	56.1	56.3	56.3	56.3	56.3	56.3	*56.3*
167.5°	53.0	53.2	53.2	53.2	53.2	53.2	53.4	53.2	53.2	53.2	*53.2*
170°	50.6	50.8	50.8	50.6	50.8	50.6	50.6	50.8	50.6	50.6	*50.6*
172.5°	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.6	*48.6*
175°	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	*47.3*
177.5°	46.4	46.4	46.6	46.4	46.4	46.4	46.4	46.4	46.4	46.4	*46.4*
180°	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	*46.2*

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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: SP1-2501-332-1

Test Date: 03/20/2025

Luminaire Tested: FFX-CLB-100-740-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-740-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

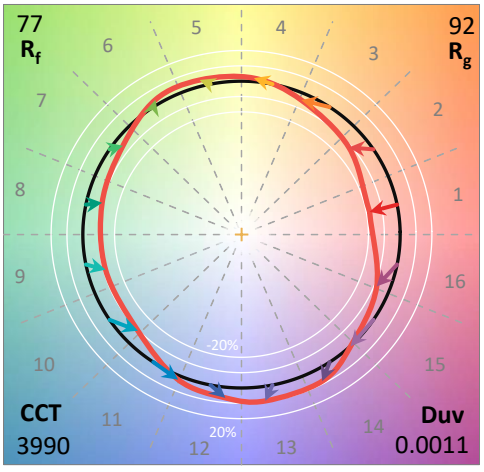
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-1
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-100-740-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3990	CRI (Ra):	73.9		
CIE u':	0.2247	R1:	69.6	R9:	-36.4
CIE v':	0.5031	R2:	83.0	R10:	60.9
Duv:	0.0011	R3:	93.1	R11:	66.8
CIE x:	0.3816	R4:	70.6	R12:	52.5
CIE y:	0.3798	R5:	70.6	R13:	72.5
CIE z:	0.2386	R6:	76.4	R14:	96.4
Peak Wavelength (nm):	450	R7:	79.8	R15:	61.3
Dominant Wavelength (nm):	578	R8:	48.1		
Purity:	28.50862				

Rf:	77.5
Rg:	91.9



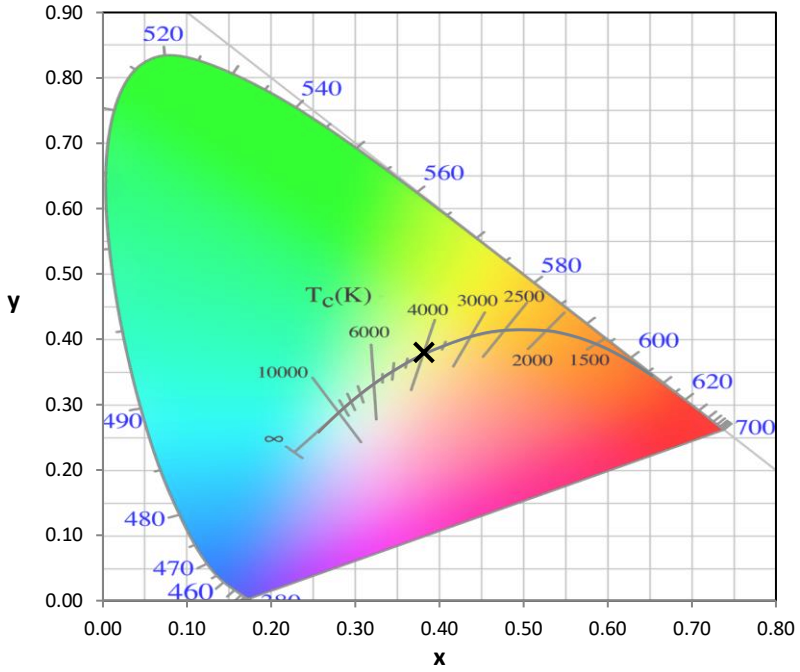
Test Conditions

Stabilization Time:	70M
Operation Time:	2H 10M
Sphere Temperature (°C):	25.0

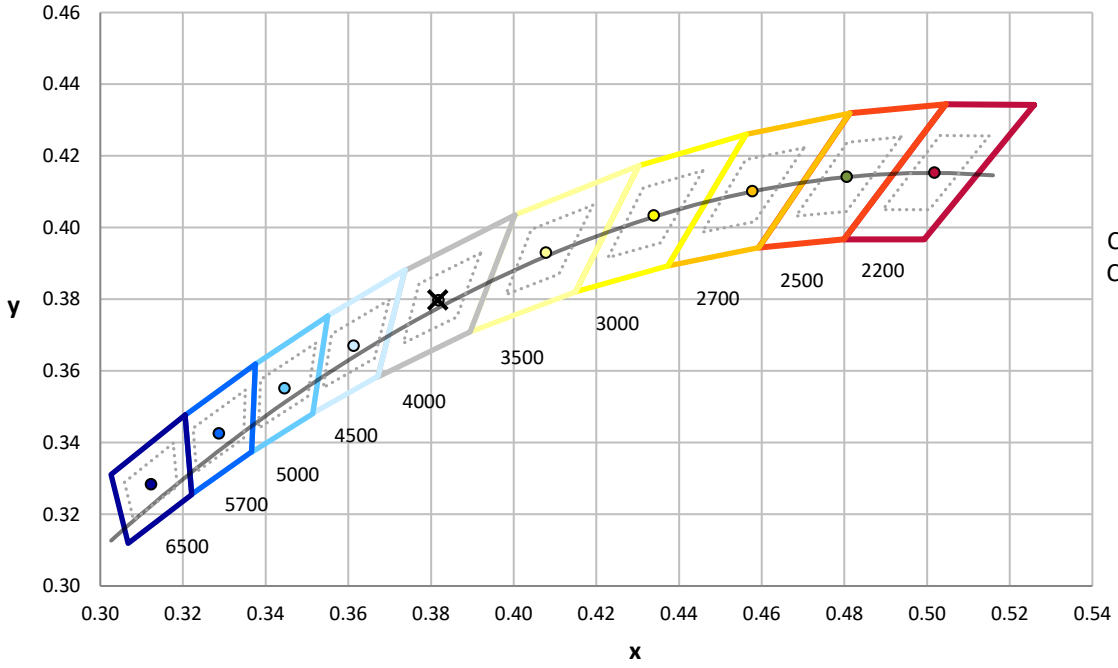
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-1

CIE 1931 Chromaticity Diagram



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

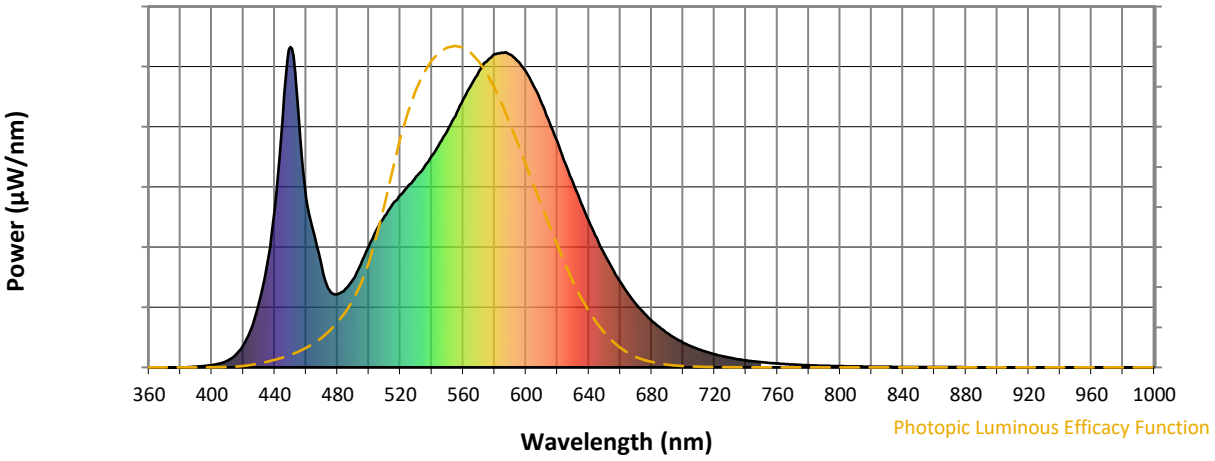


CCT = 3990K
CIE x = 0.3816
CIE y = 0.3798
Duv = 0.0011

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-1

Photopic Flux vs. Wavelength

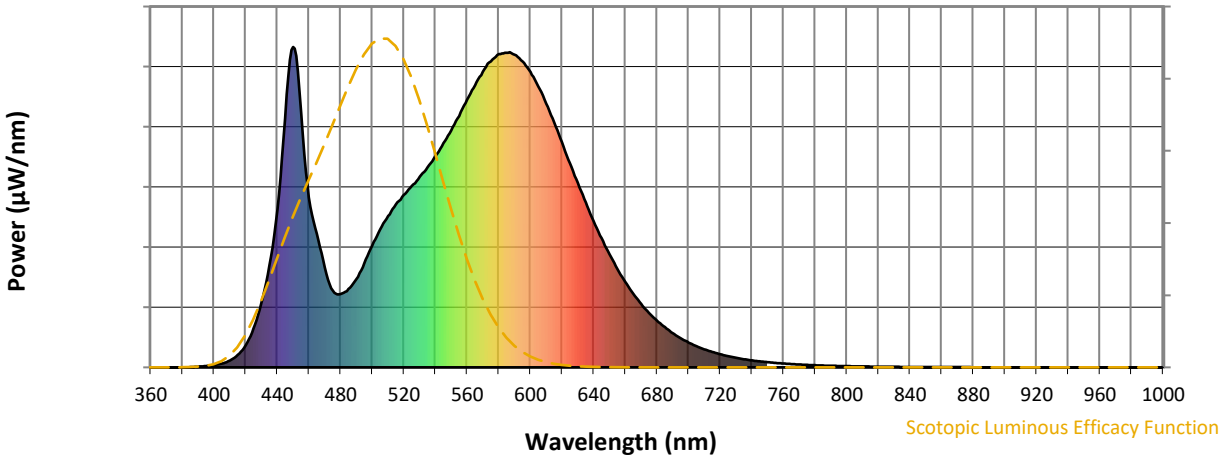


Photopic Lumens: NR

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

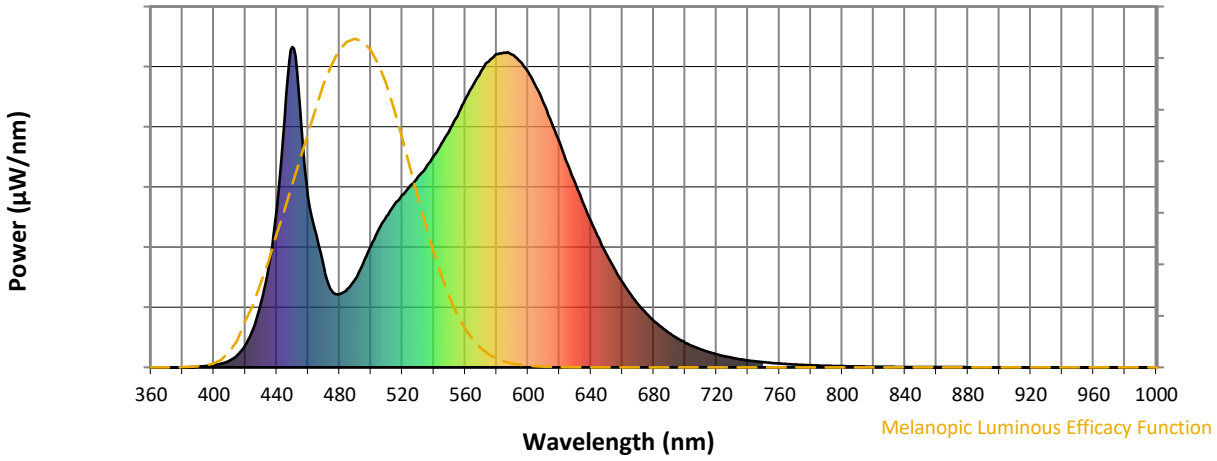


Scotopic Lumens: NR **S/P: 1.59**

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.21**

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

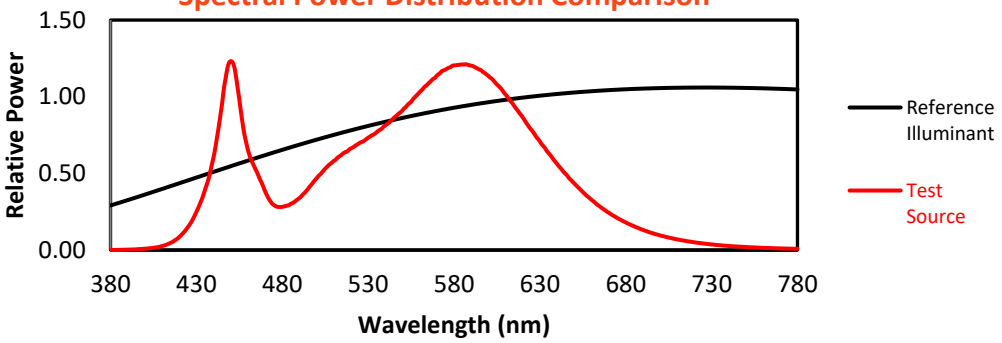
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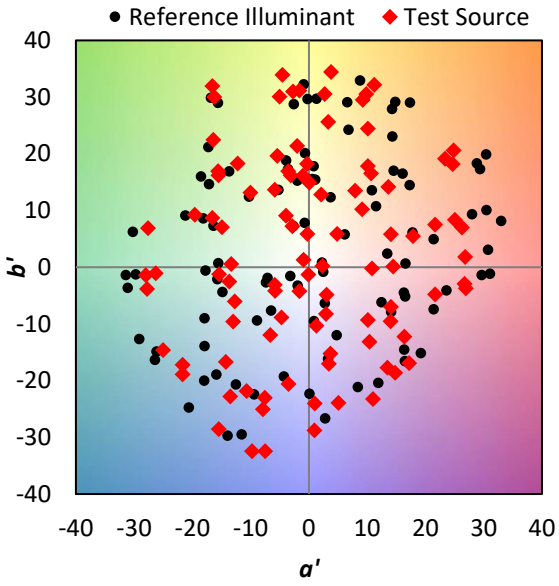
Summary

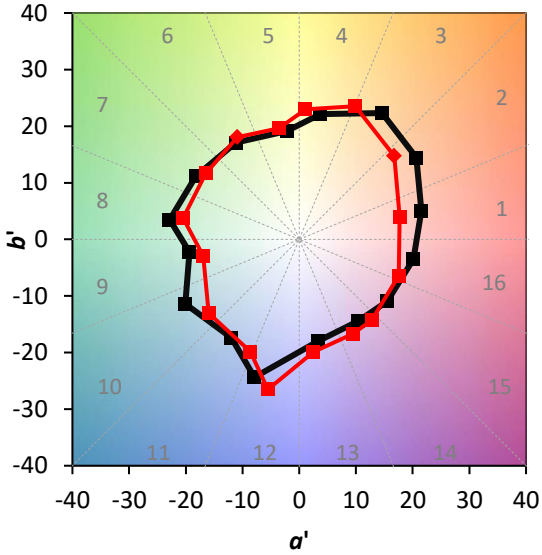
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R_g = 91.9
CIE R_a = 73.9
R_9 = -36.4

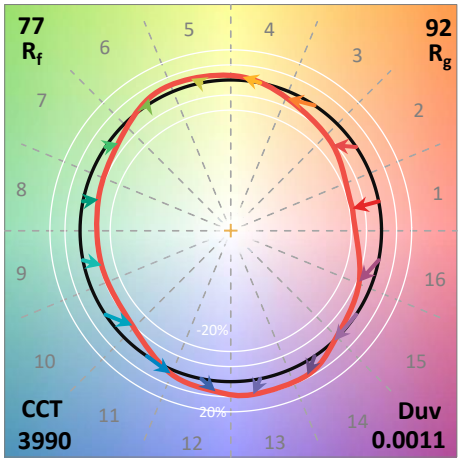
Spectral Power Distribution Comparison

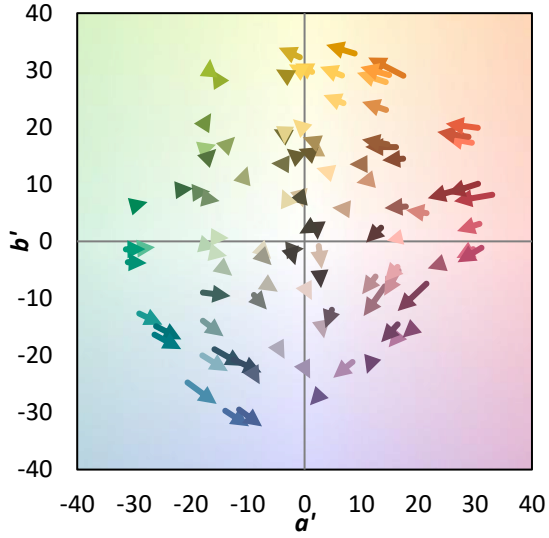


Color Vector Graphics







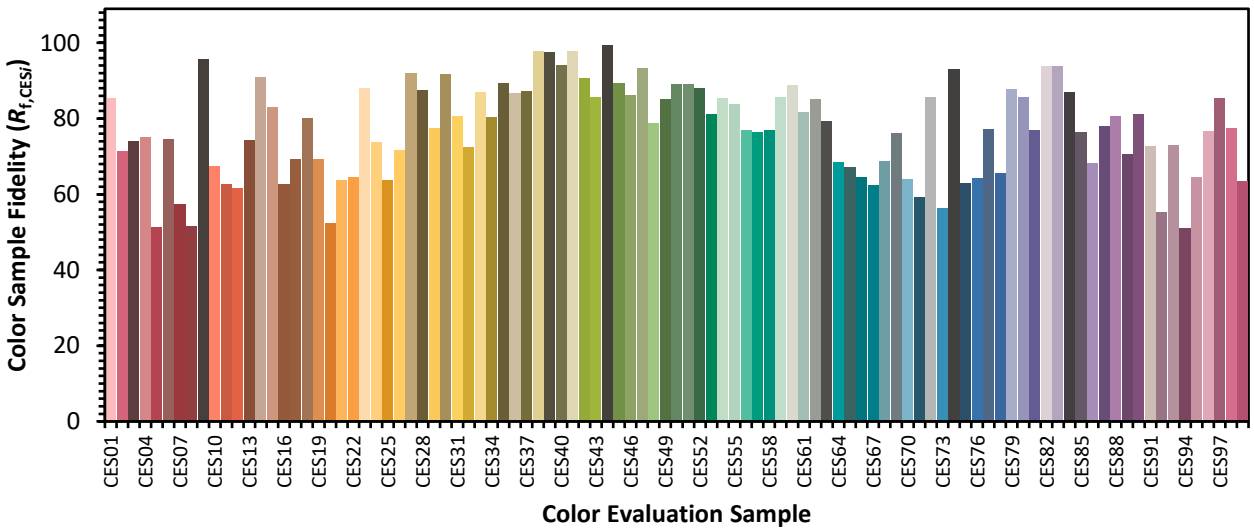


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Individual Sample Fidelity Index ($R_{f,i}$)

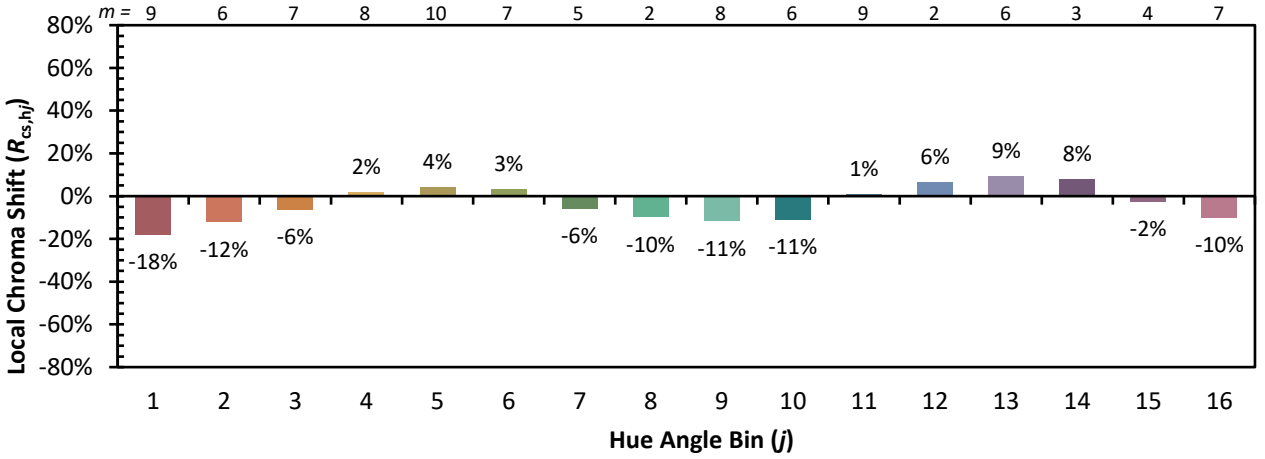
CES01 = 85	CES26 = 72	CES51 = 89	CES76 = 64
CES02 = 61	CES27 = 92	CES52 = 88	CES77 = 77
CES03 = 30	CES28 = 88	CES53 = 81	CES78 = 65
CES04 = 70	CES29 = 78	CES54 = 85	CES79 = 88
CES05 = 47	CES30 = 92	CES55 = 84	CES80 = 86
CES06 = 50	CES31 = 81	CES56 = 77	CES81 = 77
CES07 = 40	CES32 = 72	CES57 = 76	CES82 = 94
CES08 = 39	CES33 = 87	CES58 = 77	CES83 = 94
CES09 = 29	CES34 = 80	CES59 = 86	CES84 = 87
CES10 = 74	CES35 = 89	CES60 = 89	CES85 = 76
CES11 = 57	CES36 = 87	CES61 = 82	CES86 = 68
CES12 = 63	CES37 = 87	CES62 = 85	CES87 = 78
CES13 = 42	CES38 = 98	CES63 = 79	CES88 = 81
CES14 = 74	CES39 = 98	CES64 = 68	CES89 = 71
CES15 = 71	CES40 = 94	CES65 = 67	CES90 = 81
CES16 = 46	CES41 = 98	CES66 = 65	CES91 = 73
CES17 = 49	CES42 = 91	CES67 = 62	CES92 = 55
CES18 = 56	CES43 = 86	CES68 = 69	CES93 = 73
CES19 = 72	CES44 = 99	CES69 = 76	CES94 = 51
CES20 = 65	CES45 = 89	CES70 = 64	CES95 = 65
CES21 = 86	CES46 = 86	CES71 = 59	CES96 = 77
CES22 = 78	CES47 = 93	CES72 = 86	CES97 = 85
CES23 = 92	CES48 = 79	CES73 = 56	CES98 = 77
CES24 = 91	CES49 = 85	CES74 = 93	CES99 = 63
CES25 = 72	CES50 = 89	CES75 = 63	

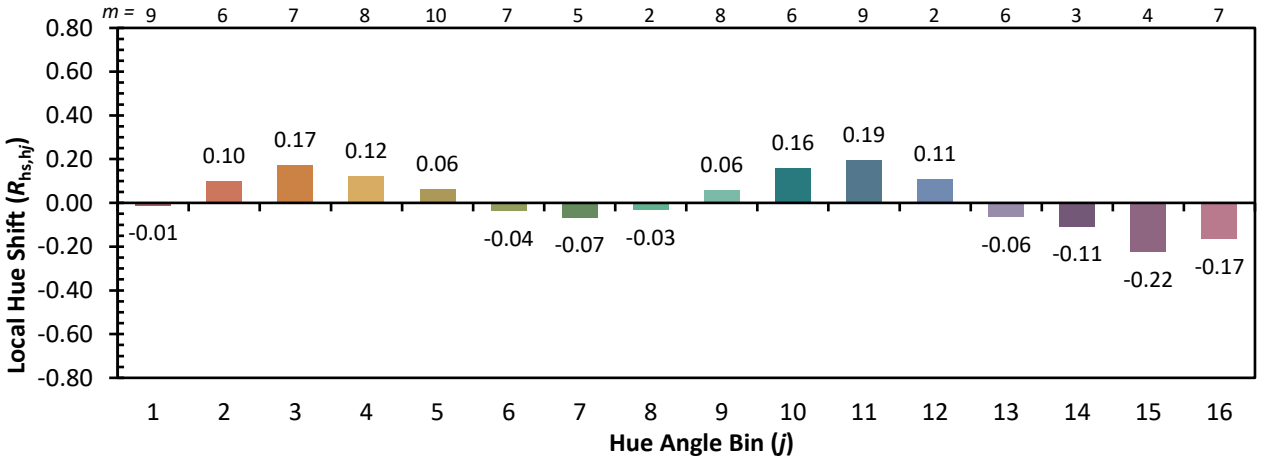


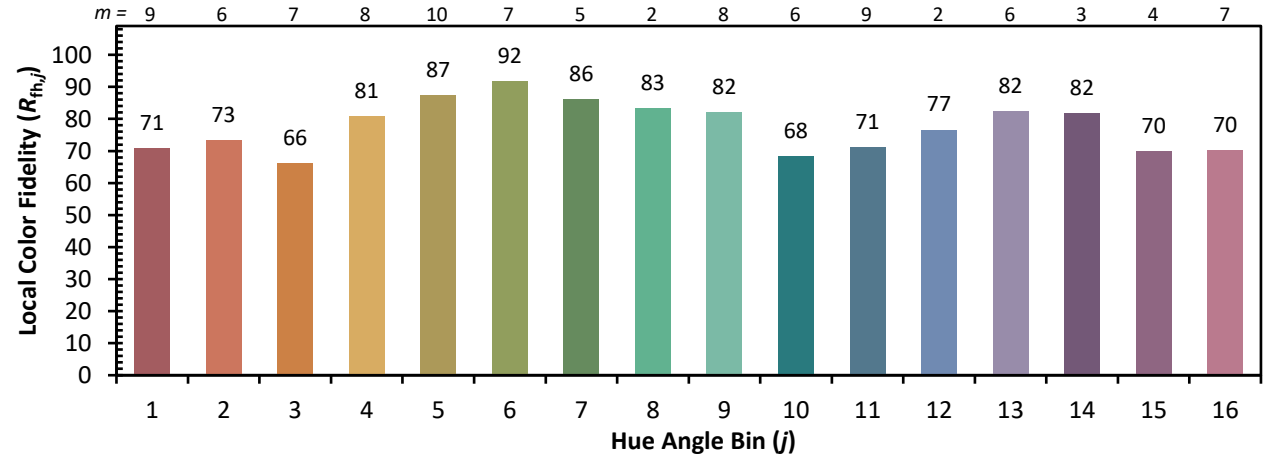
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Color Rendition by Hue-Angle Bin



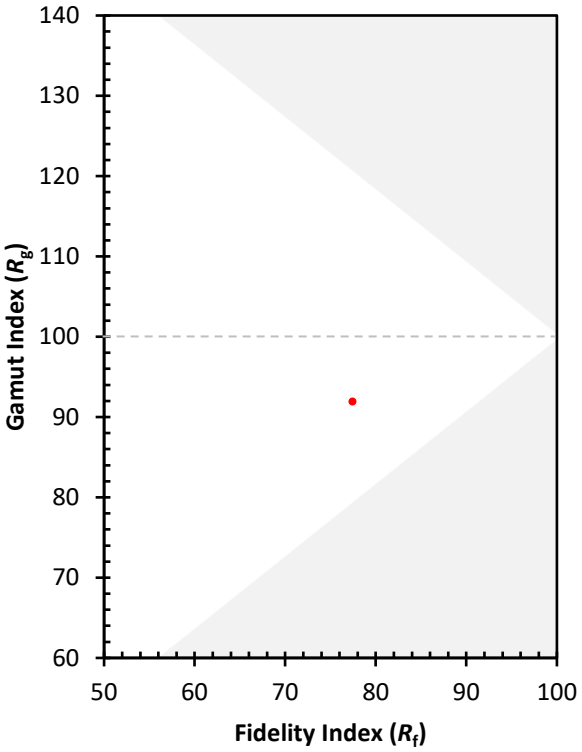


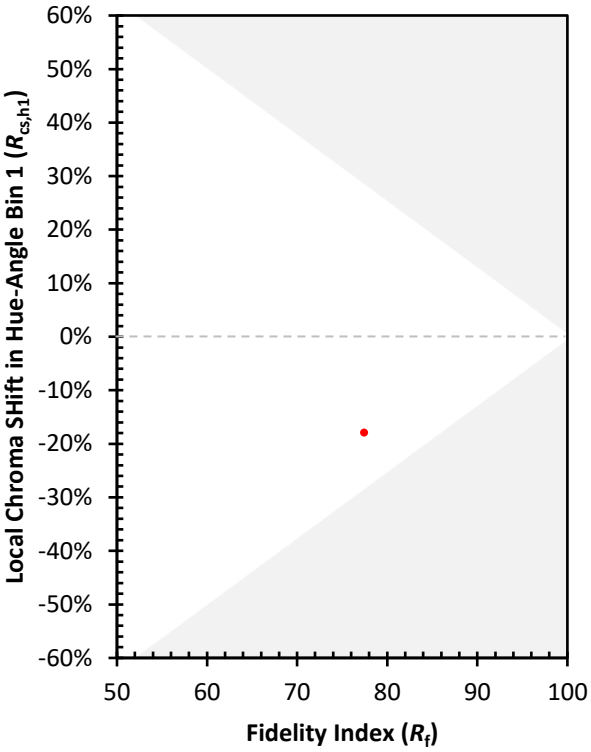


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Measure Comparisons





(END OF REPORT)