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: P981243

Luminaire Tested: **FFX-CLB-20-727-U-VM8-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:	P981243
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-20-727-U-VM8-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source:	(6) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3174.6 lumens
Efficiency:	N/A
Efficacy:	160.3 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

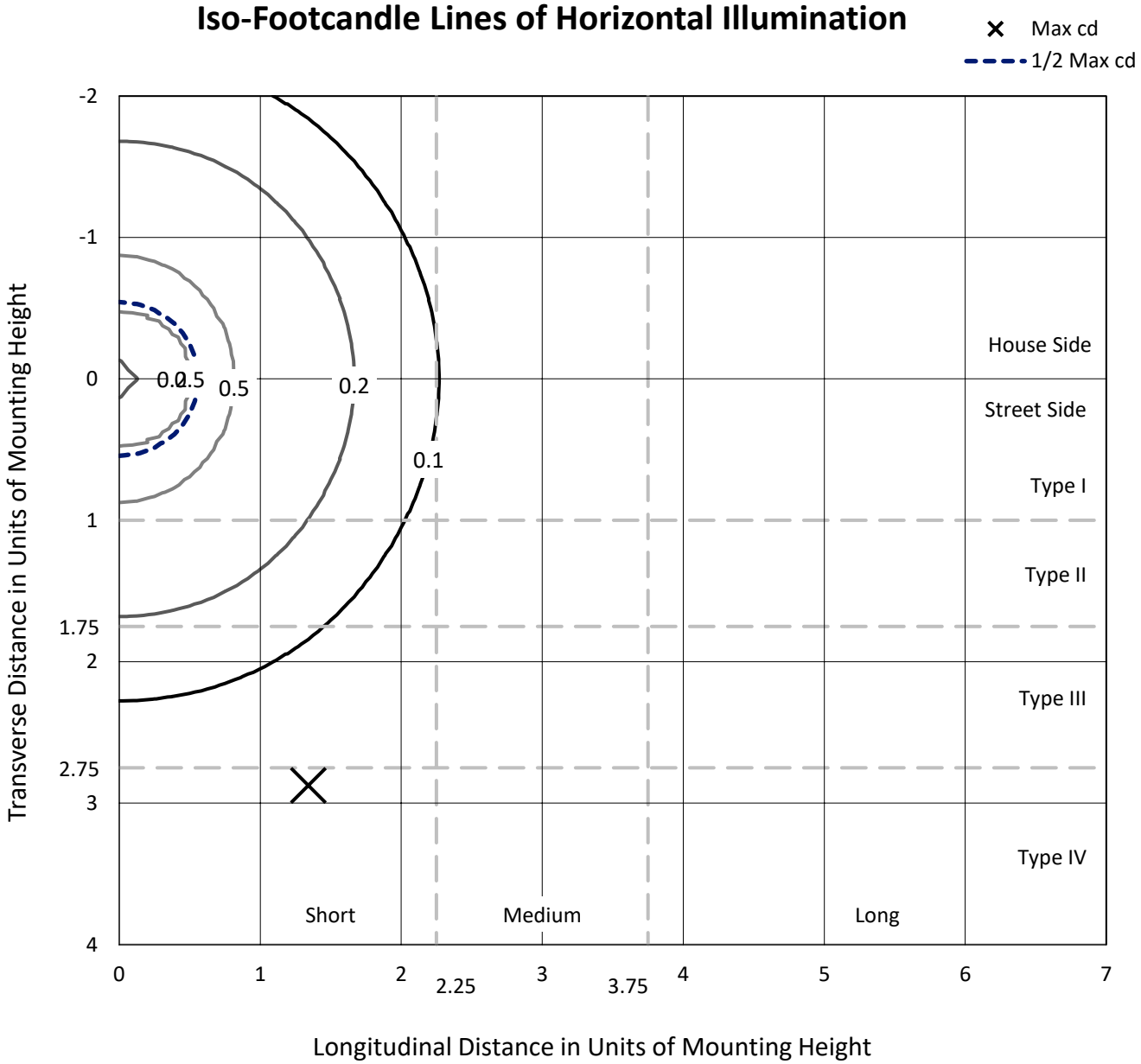


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Scaled Data Report

REPORT NUMBER: P981243
CATALOG NUMBER: FFX-CLB-20-727-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



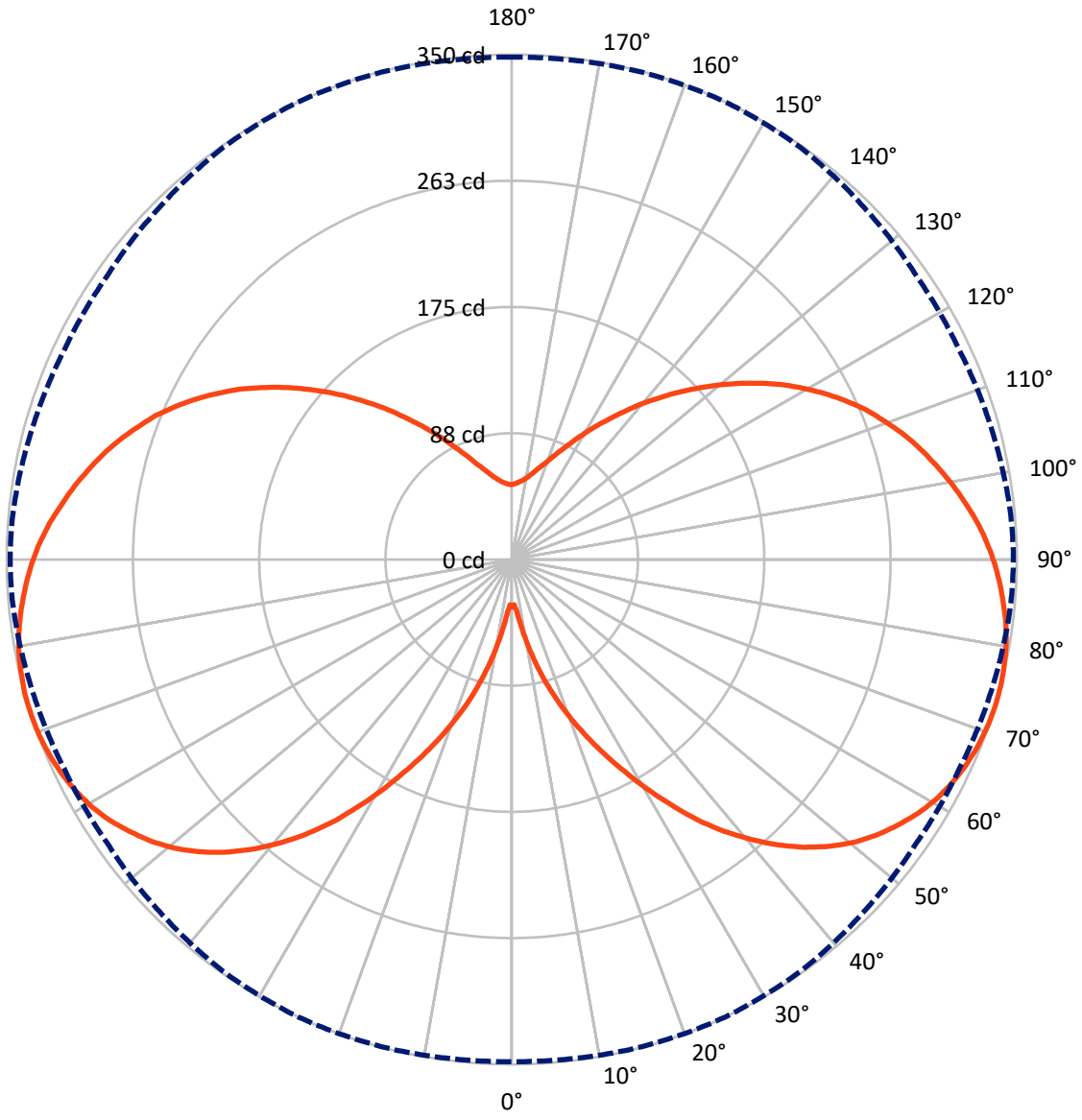
Based on 15 foot mounting height. Maximum calculated value = 0.5 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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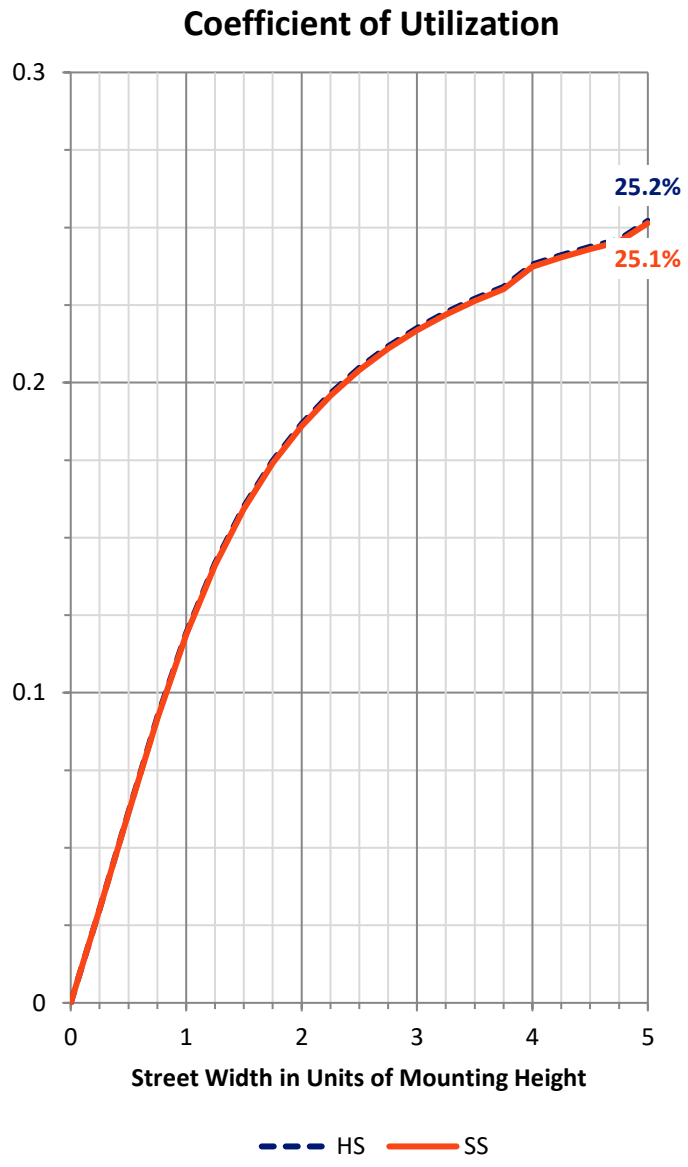
REPORT NUMBER: P981243
CATALOG NUMBER: FFX-CLB-20-727-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	908.1	679.2	1587.3
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	908.1	679.2	1587.3
	% Fixture	28.6	21.4	50.0
Total	Lumens	1816.3	1358.3	3174.6
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.2	0.1
10°-20°	25.8	0.8
20°-30°	69.9	2.2
30°-40°	138.0	4.3
40°-50°	217.4	6.8
50°-60°	288.1	9.1
60°-70°	338.7	10.7
70°-80°	365.9	11.5
80°-90°	368.2	11.6
90°-100°	346.7	10.9
100°-110°	306.4	9.7
110°-120°	252.6	8.0
120°-130°	188.8	5.9
130°-140°	126.1	4.0
140°-150°	74.9	2.4
150°-160°	39.4	1.2
160°-170°	18.2	0.6
170°-180°	5.2	0.2
0°-90°	1816.3	57.2
0°-180°	3174.6	100.0



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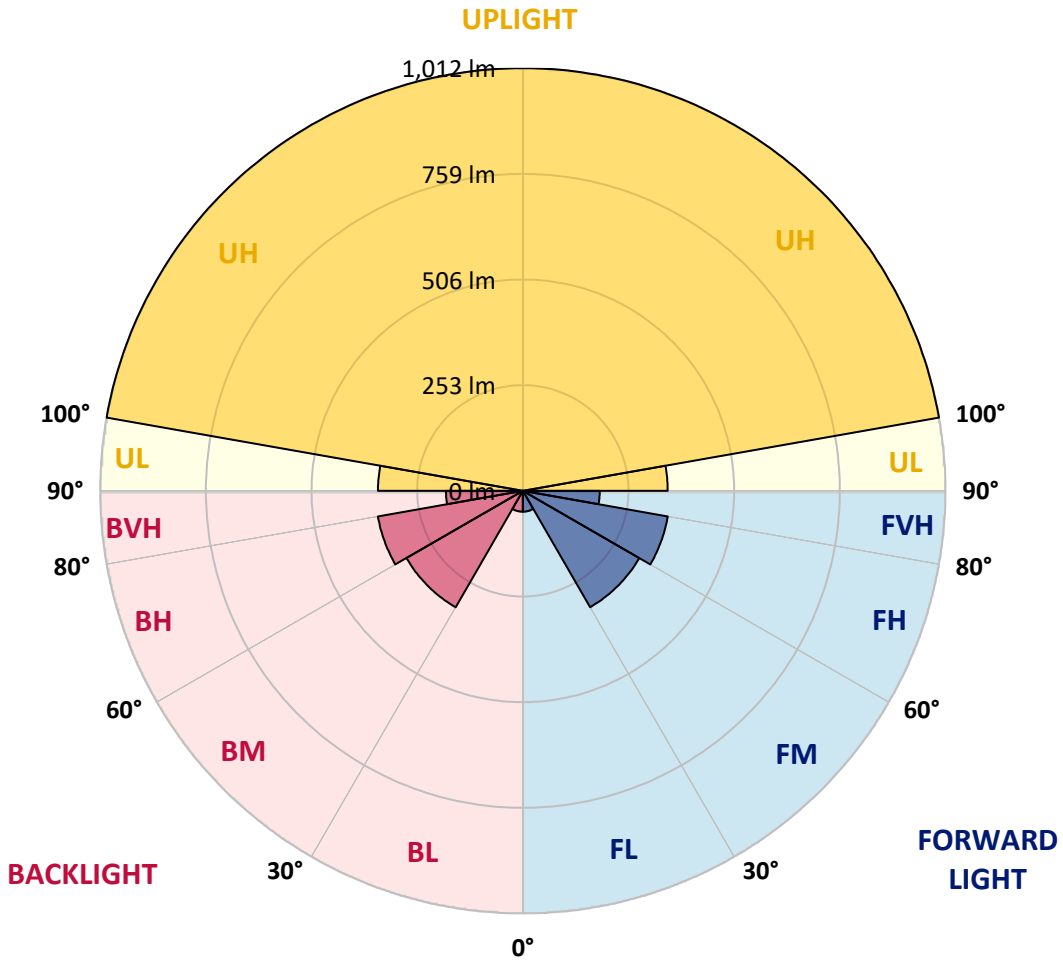
Scaled Data Report

REPORT NUMBER: P981243
CATALOG NUMBER: FFX-CLB-20-727-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	50.0	1.6			
FM	(30°-60°)	321.7	10.1			
FH	(60°-80°)	352.3	11.1			G0/660
FVH	(80°-90°)	184.1	5.8			G2/225
BL	(0°-30°)	50.0	1.6	B0/110		
BM	(30°-60°)	321.7	10.1	B1/1000		
BH	(60°-80°)	352.3	11.1	B1/500		G0/660
BVH	(80°-90°)	184.1	5.8			G2/225
UL	(90°-100°)	346.7	10.9		U3/500	
UH	(100°-180°)	1011.6	31.9		U5	

BUG Rating: B1-U5-G2
Type V Short



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Scaled Data Report

REPORT NUMBER: P981243
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
2.5°	31.0	31.0	31.2	31.4	31.6	31.8	32.0	32.2	32.4	32.2	32.2
5°	35.8	36.2	36.2	36.2	36.0	36.2	36.6	36.6	37.0	36.8	36.6
7.5°	45.9	46.9	46.9	46.7	46.5	46.7	46.5	46.5	46.5	46.3	46.7
10°	59.8	59.4	59.6	59.4	59.0	59.2	59.4	59.0	59.0	59.0	59.0
12.5°	73.3	73.1	73.7	73.5	73.7	73.1	73.5	73.1	73.1	72.5	72.7
15°	89.2	89.2	89.0	88.4	88.6	87.8	88.2	88.0	87.4	87.4	87.2
17.5°	103.9	103.7	103.9	103.1	103.1	102.9	102.5	102.3	102.3	101.7	101.5
20°	118.6	118.2	118.0	118.0	117.4	117.4	117.0	116.2	115.8	116.0	115.6
22.5°	134.5	133.7	133.7	133.7	132.5	132.1	131.9	131.1	131.1	130.5	130.5
25°	150.4	150.6	150.6	149.8	149.2	148.4	148.0	147.4	146.8	146.6	146.8
27.5°	167.9	168.3	167.7	166.3	166.1	165.3	164.3	163.5	163.7	162.7	163.5
30°	187.0	186.2	185.0	184.6	183.8	183.0	182.2	180.6	180.8	180.4	180.6
32.5°	204.4	204.4	204.0	202.8	202.3	200.5	199.7	197.7	197.9	197.7	196.9
35°	223.5	222.9	222.1	221.9	219.9	218.7	217.3	215.2	215.6	215.4	215.6
37.5°	239.6	239.8	240.2	239.2	237.4	235.8	234.2	232.6	232.3	232.4	232.1
40°	257.1	256.9	256.5	255.3	253.9	252.1	250.1	249.1	247.9	248.7	248.5
42.5°	271.4	272.0	271.8	270.6	268.8	267.0	265.4	263.8	263.2	263.0	263.0
45°	285.3	285.5	284.9	284.7	282.3	280.7	278.7	277.3	277.0	277.0	277.5
47.5°	298.2	298.0	297.6	297.2	295.4	293.0	290.7	289.7	289.5	289.9	290.1
50°	308.5	308.9	308.7	308.1	306.4	304.2	301.6	300.6	300.8	301.2	301.4
52.5°	317.9	317.9	318.1	317.3	315.7	313.3	310.9	310.1	310.1	310.7	310.3
55°	325.0	325.4	325.6	325.0	324.0	321.3	318.9	317.5	318.1	318.7	318.9
57.5°	331.8	332.2	332.2	332.2	330.6	328.0	325.6	324.4	325.2	326.2	326.4
60°	337.2	337.3	337.9	337.9	336.6	333.6	331.0	330.0	331.0	332.4	332.2
62.5°	341.1	341.1	341.9	342.1	340.7	337.7	335.2	334.4	335.6	337.2	337.7
65°	344.5	344.7	345.3	345.5	344.3	340.9	338.1	337.9	339.5	341.1	341.3
67.5°	346.3	346.5	347.5	347.9	346.5	343.1	340.5	339.9	342.1	344.1	344.3
70°	347.5	347.9	349.1	349.5	348.1	344.5	341.7	341.5	343.9	346.1	346.3
72.5°	348.3	348.5	349.7	350.1	348.7	345.3	342.5	342.5	344.7	347.3	347.7
75°	348.3	348.5	349.5	350.1	348.7	345.1	342.1	342.1	345.1	347.7	348.3
77.5°	346.7	347.3	348.5	349.1	347.7	344.1	341.3	341.3	344.3	347.1	347.7
80°	345.1	345.3	346.7	347.5	345.9	342.5	339.5	339.5	342.7	345.7	346.1
82.5°	342.5	342.7	344.1	344.9	343.5	339.9	337.0	337.2	340.1	343.1	343.5
85°	338.9	339.3	340.7	341.3	340.1	336.4	333.6	333.8	337.0	339.7	340.1
87.5°	335.2	335.2	336.8	337.3	336.2	332.4	329.6	329.6	332.8	335.8	336.0
90°	330.0	330.4	331.8	332.8	331.2	328.0	325.0	325.0	328.0	330.8	331.6
92.5°	325.2	325.4	326.8	327.4	326.0	322.6	320.1	320.1	323.0	325.8	326.2
95°	319.5	319.5	320.5	321.3	319.7	316.9	314.5	314.5	316.9	319.3	319.7
97.5°	313.3	313.3	314.5	314.3	313.1	310.1	308.1	307.9	310.3	312.3	312.9
100°	306.4	306.8	307.5	307.3	306.4	303.4	301.6	301.6	303.4	305.2	305.6
102.5°	299.6	299.6	300.0	299.8	298.4	295.8	294.8	294.6	296.2	297.4	297.6
105°	292.6	292.6	292.3	292.3	290.5	288.5	287.3	287.3	288.7	289.5	289.5
107.5°	284.7	284.3	284.7	284.1	282.3	280.3	279.7	279.5	280.1	280.9	280.5
110°	276.6	276.4	276.2	275.0	273.6	272.4	271.4	271.4	272.0	272.2	272.2

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REPORT NUMBER: P981243
CATALOG NUMBER: FFX-CLB-20-727-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	268.0	267.8	267.2	*266.2*	264.6	263.4	262.6	262.6	262.8	262.6	262.3
115°	258.7	258.3	257.7	*255.9*	254.3	253.5	253.1	253.5	253.3	252.7	252.7
117.5°	248.5	248.1	247.2	*245.2*	243.8	243.2	243.4	243.2	242.8	242.2	242.4
120°	237.2	237.2	235.6	*234.0*	232.8	232.8	232.6	232.6	232.1	231.3	230.9
122.5°	225.5	225.5	224.1	*222.7*	221.3	221.3	221.5	221.3	220.9	220.1	219.7
125°	214.2	213.2	212.0	*210.4*	209.4	209.2	209.8	210.0	209.2	208.2	208.4
127.5°	201.7	201.1	199.9	*198.1*	197.3	197.1	197.7	198.1	197.1	196.5	196.3
130°	188.5	188.1	187.2	*185.8*	185.0	185.2	185.8	186.4	185.4	184.8	184.4
132.5°	175.6	175.6	175.0	*173.6*	172.6	173.4	173.8	174.2	173.2	173.0	172.8
135°	163.9	163.7	162.5	*161.7*	160.9	161.1	161.9	161.7	161.5	161.1	160.7
137.5°	151.8	151.8	151.2	*149.8*	149.8	150.0	150.4	150.4	150.6	149.8	150.0
140°	140.5	140.3	139.9	*138.9*	138.3	138.7	139.1	139.3	139.3	138.5	138.7
142.5°	129.7	129.5	128.3	*127.7*	127.7	127.9	128.1	128.3	128.3	127.9	128.1
145°	118.2	118.6	118.0	*117.4*	117.4	117.4	118.0	118.2	118.4	118.0	118.0
147.5°	108.7	109.1	108.5	*108.1*	108.1	108.1	108.5	108.7	108.3	108.5	108.5
150°	99.7	99.7	99.3	*99.1*	98.9	99.1	99.5	99.7	99.7	99.3	99.3
152.5°	91.2	91.0	90.8	*90.8*	90.8	90.8	91.2	91.2	91.4	91.4	91.0
155°	83.8	83.6	83.6	*83.4*	83.6	83.6	83.6	83.8	83.8	84.0	84.2
157.5°	77.1	76.9	77.1	*77.1*	77.1	77.3	77.3	77.5	77.1	77.3	77.5
160°	71.5	71.7	71.5	*71.3*	71.3	71.5	71.5	71.7	71.7	71.5	71.7
162.5°	66.8	66.8	66.6	*66.8*	67.0	66.8	66.8	67.0	67.0	67.0	67.0
165°	63.0	62.8	62.8	*62.8*	62.8	62.8	63.0	63.0	63.0	63.0	63.2
167.5°	59.6	59.4	59.4	*59.4*	59.6	59.6	59.6	59.8	59.8	59.8	59.6
170°	57.0	56.8	56.8	*56.8*	57.0	57.0	57.0	57.0	57.0	57.0	57.0
172.5°	54.8	54.8	54.8	*54.8*	54.8	54.8	54.8	54.8	54.8	55.0	54.8
175°	53.4	53.4	53.4	*53.4*	53.2	53.2	53.4	53.4	53.4	53.4	53.4
177.5°	52.3	52.3	52.5	*52.3*	52.3	52.3	52.5	52.5	52.5	52.3	52.3
180°	51.9	51.9	51.9	*51.9*	51.9	51.9	51.9	51.9	51.9	51.9	51.9

Cooper Lighting Solutions Photometric Lab
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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

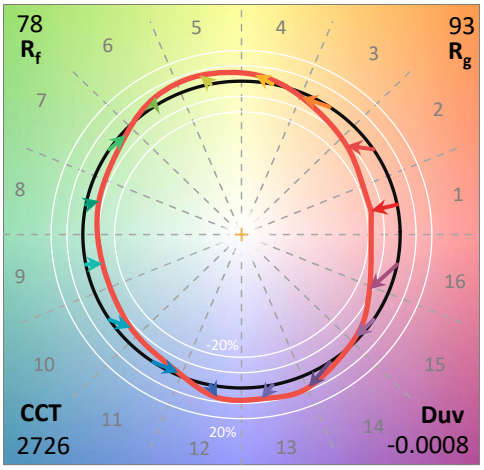
Test Information

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

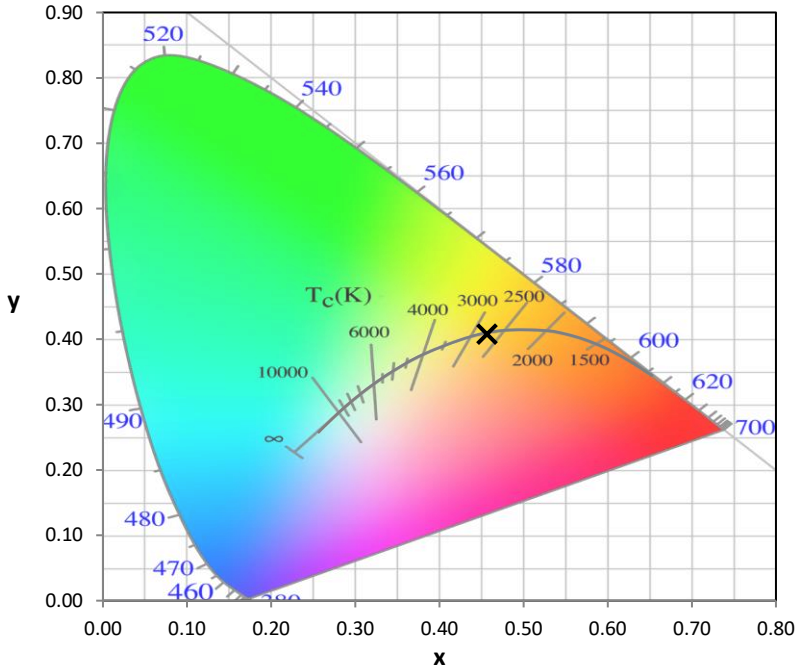
Stabilization Time:	75M
Operation Time:	2H 15M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-3

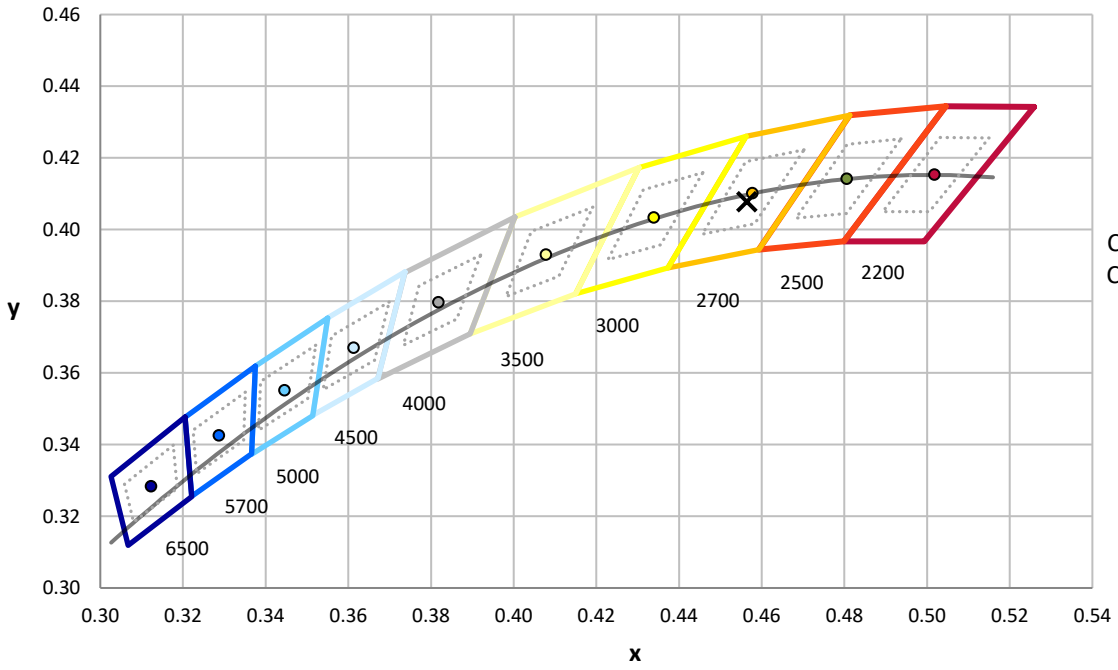
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

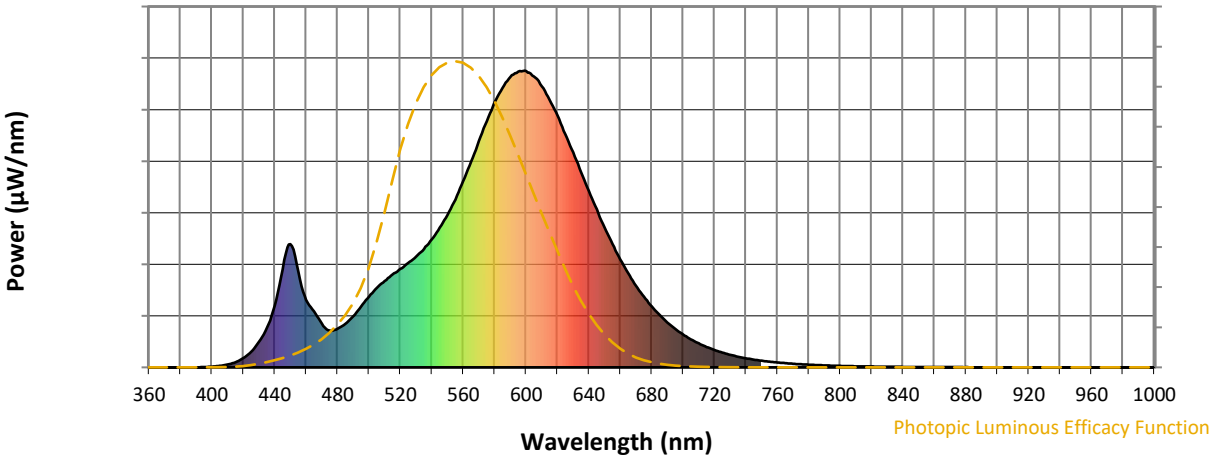


CCT = 2726K
CIE x = 0.4564
CIE y = 0.4077
Duv = -0.0008

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-3

Photopic Flux vs. Wavelength

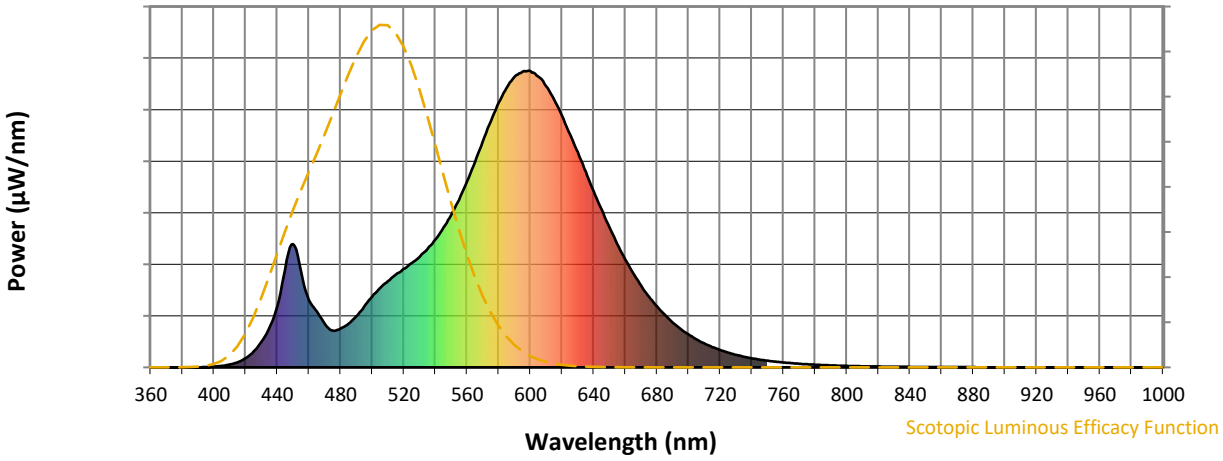


Photopic Lumens: NR

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

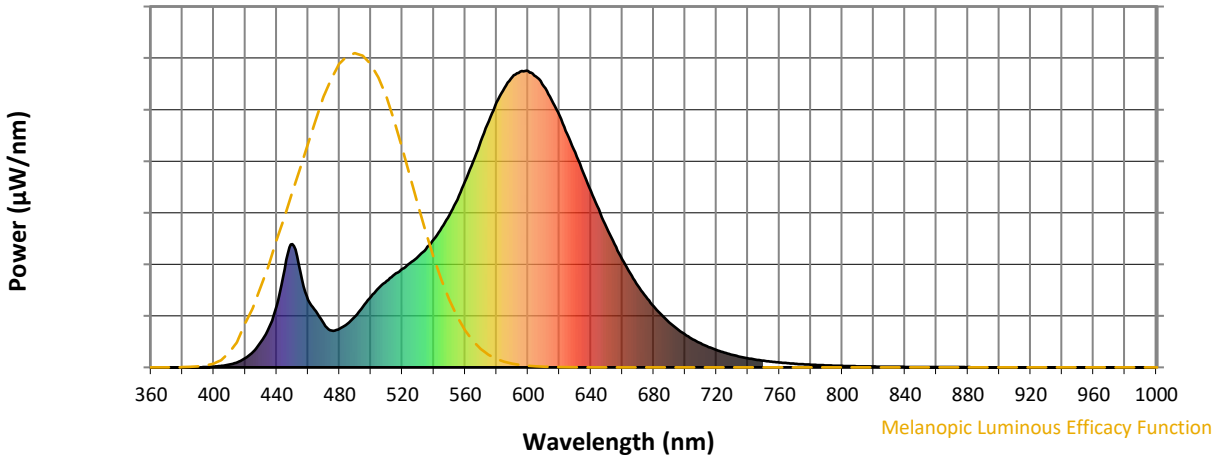


Scotopic Lumens: NR **S/P: 1.16**

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			

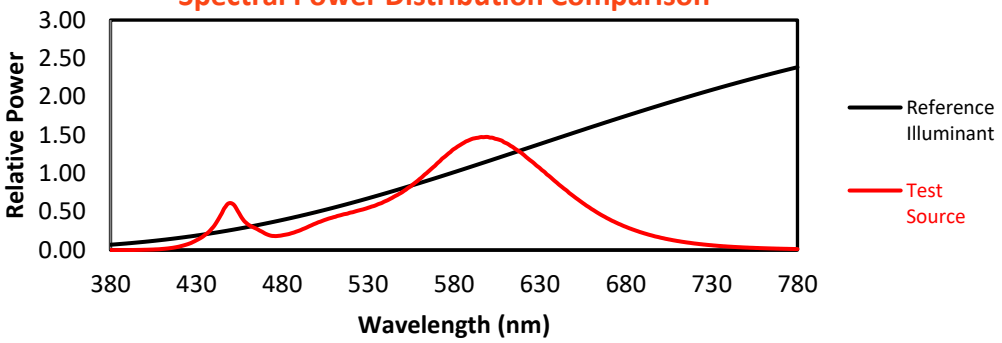
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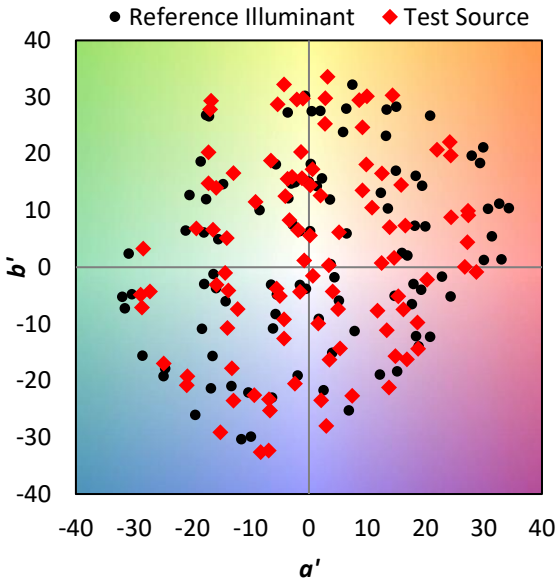
Summary

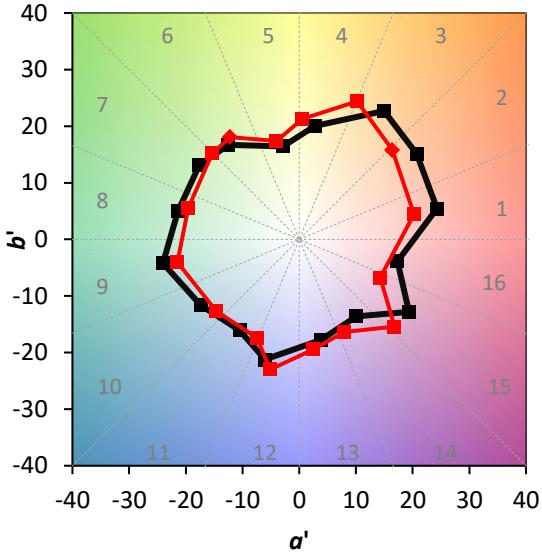
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R_g = 93.1
CIE R_a = 72.7
R_9 = -32.4

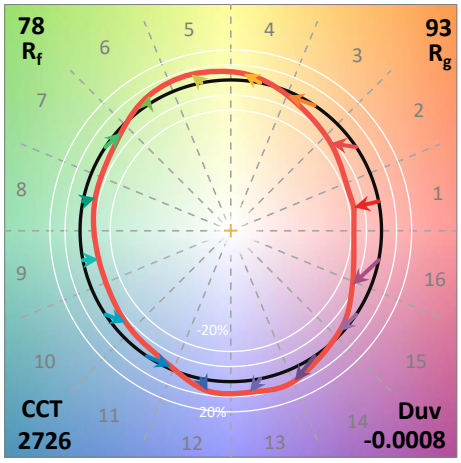
Spectral Power Distribution Comparison

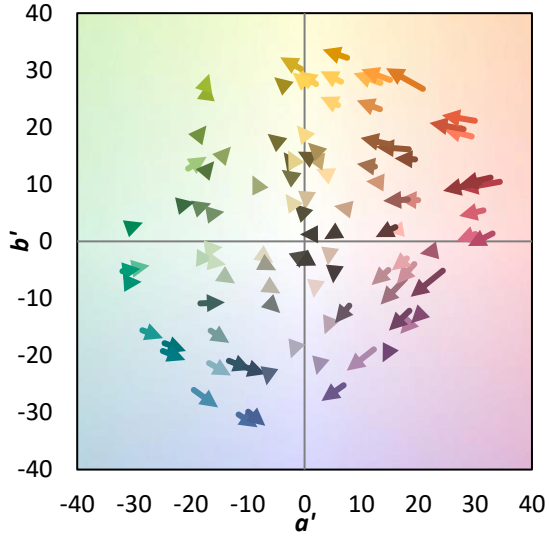


Color Vector Graphics







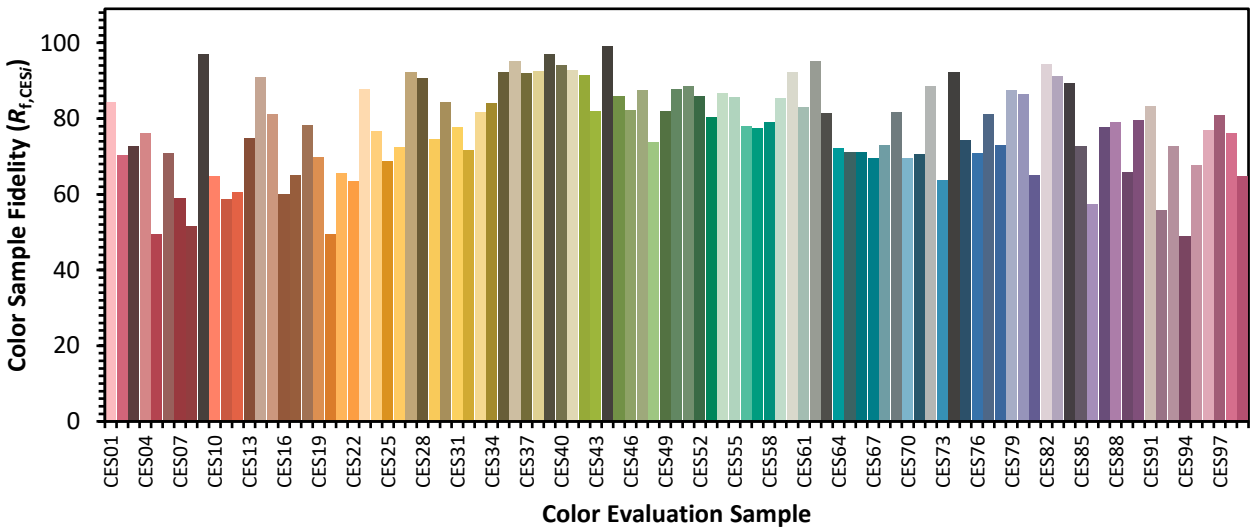


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Individual Sample Fidelity Index ($R_{f,i}$)

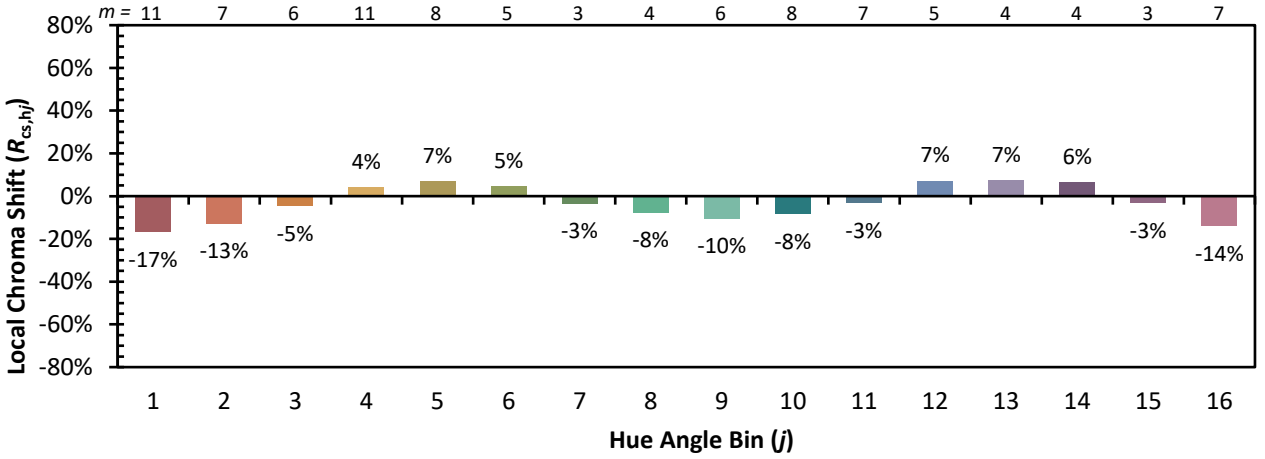
CES01 = 86	CES26 = 72	CES51 = 88	CES76 = 71
CES02 = 63	CES27 = 92	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 91	CES53 = 80	CES78 = 73
CES04 = 71	CES29 = 75	CES54 = 87	CES79 = 88
CES05 = 50	CES30 = 84	CES55 = 86	CES80 = 87
CES06 = 52	CES31 = 78	CES56 = 78	CES81 = 65
CES07 = 42	CES32 = 72	CES57 = 77	CES82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

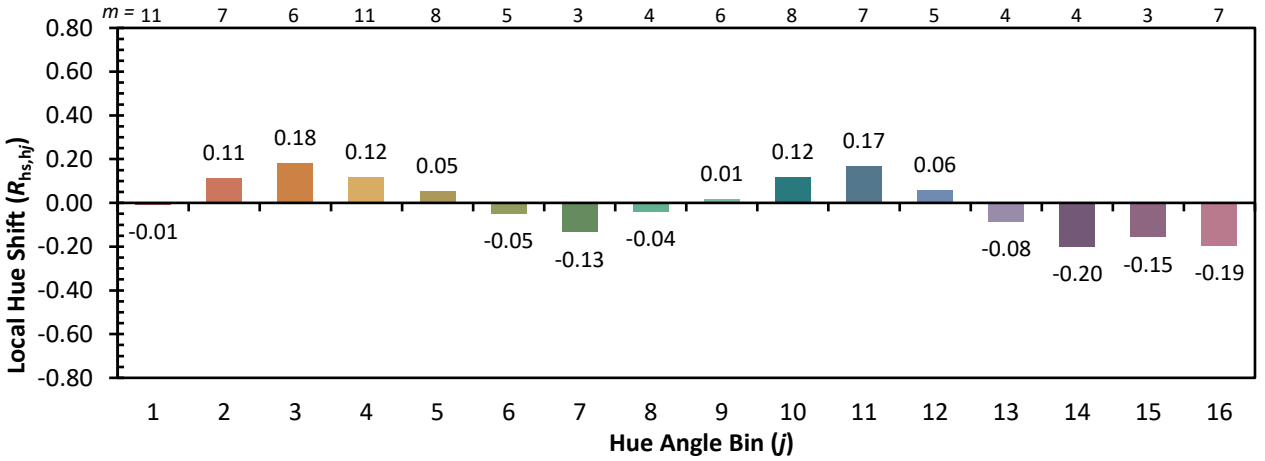


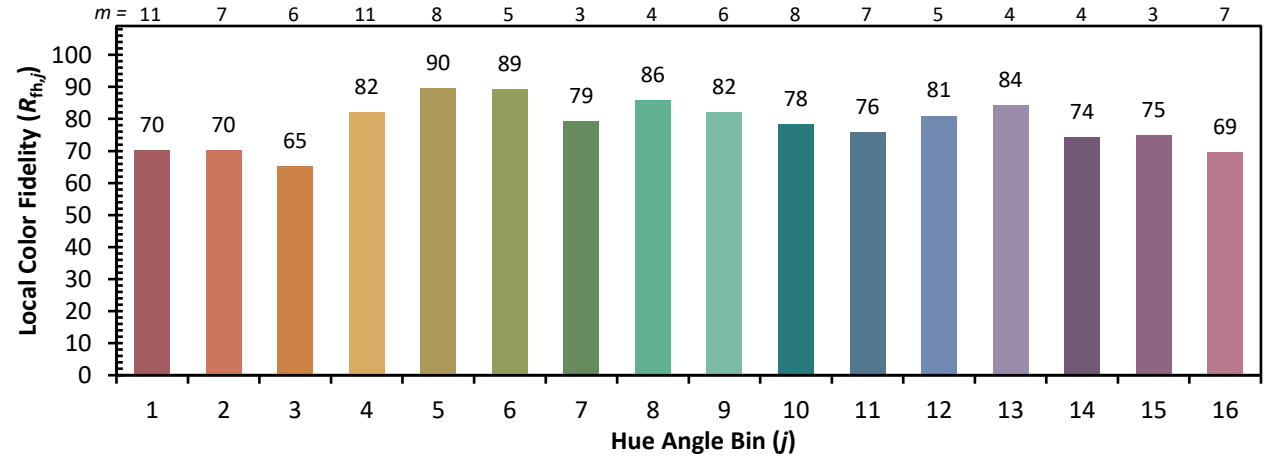
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Color Rendition by Hue-Angle Bin



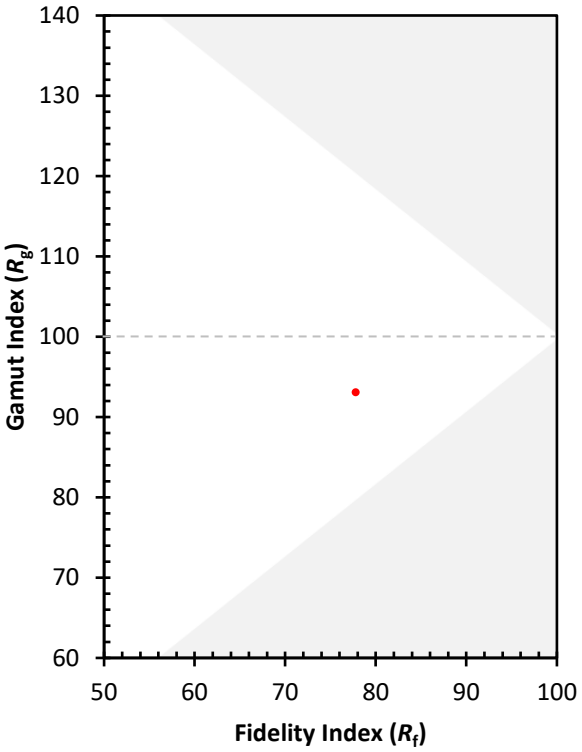


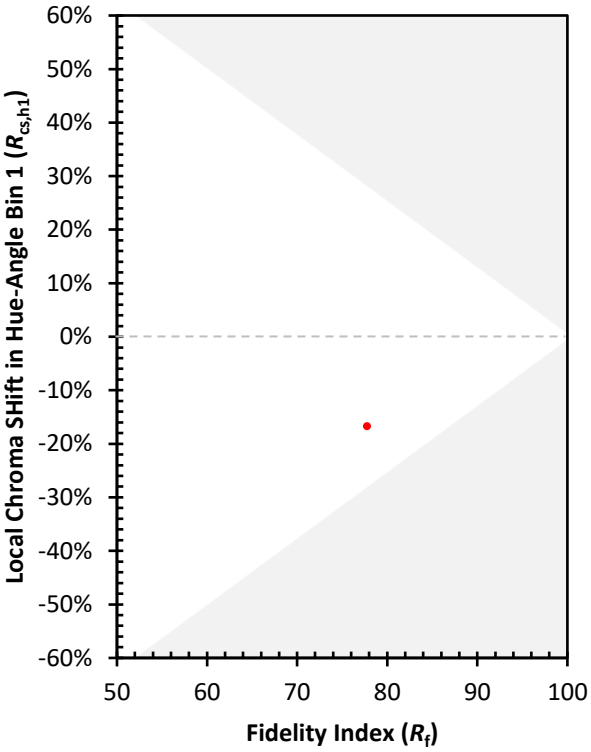


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Measure Comparisons





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