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: P981288

Luminaire Tested: **FFX-CLB-20-727-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:	P981288
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-VM9-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK
Light Source:	(6) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3198.8 lumens
Efficiency:	N/A
Efficacy:	161.6 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B1 - U4 - 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

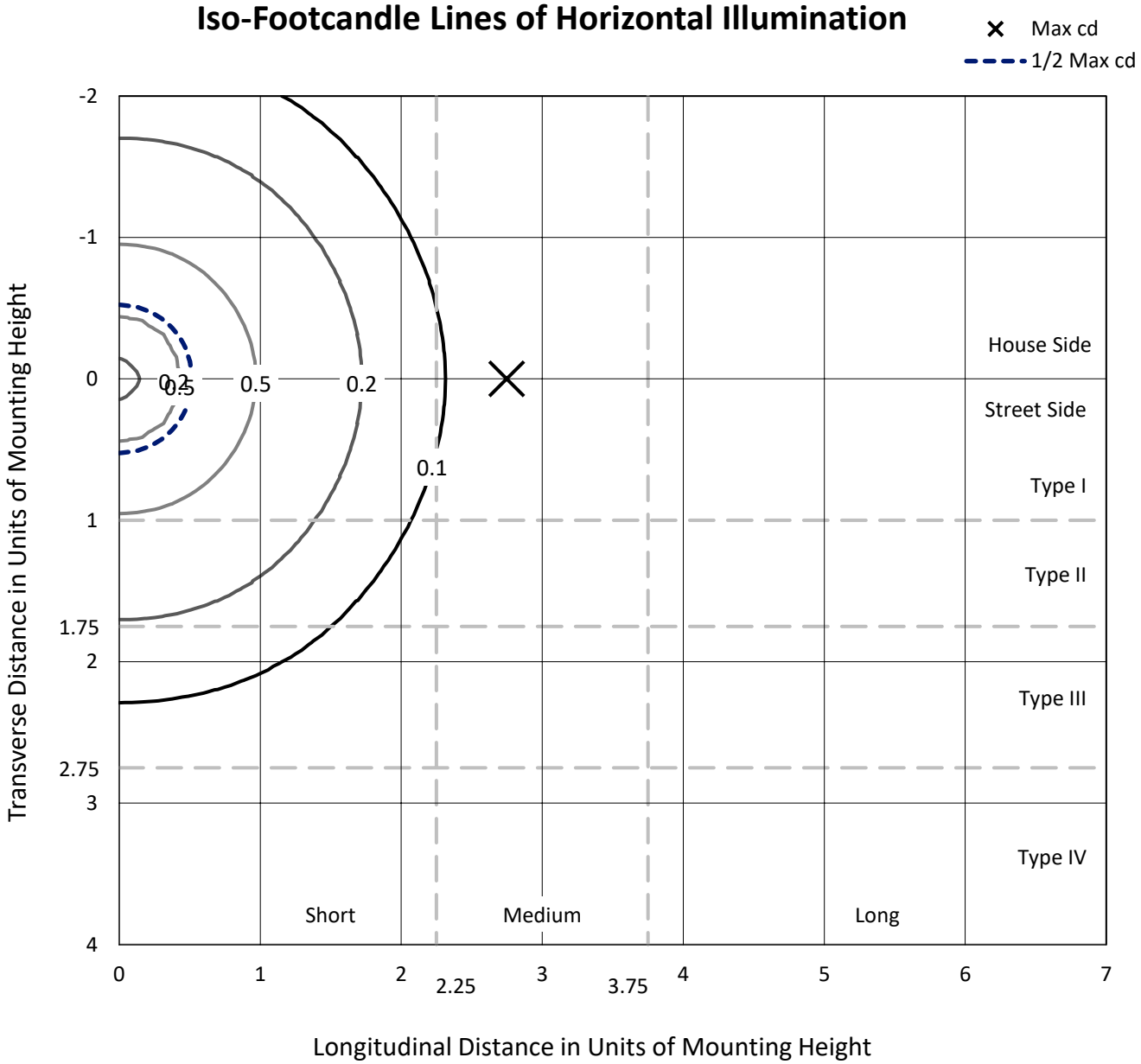


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REPORT NUMBER: P981288
CATALOG NUMBER: FFX-CLB-20-727-U-VM9-T5

Iso-Footcandle Lines of Horizontal Illumination



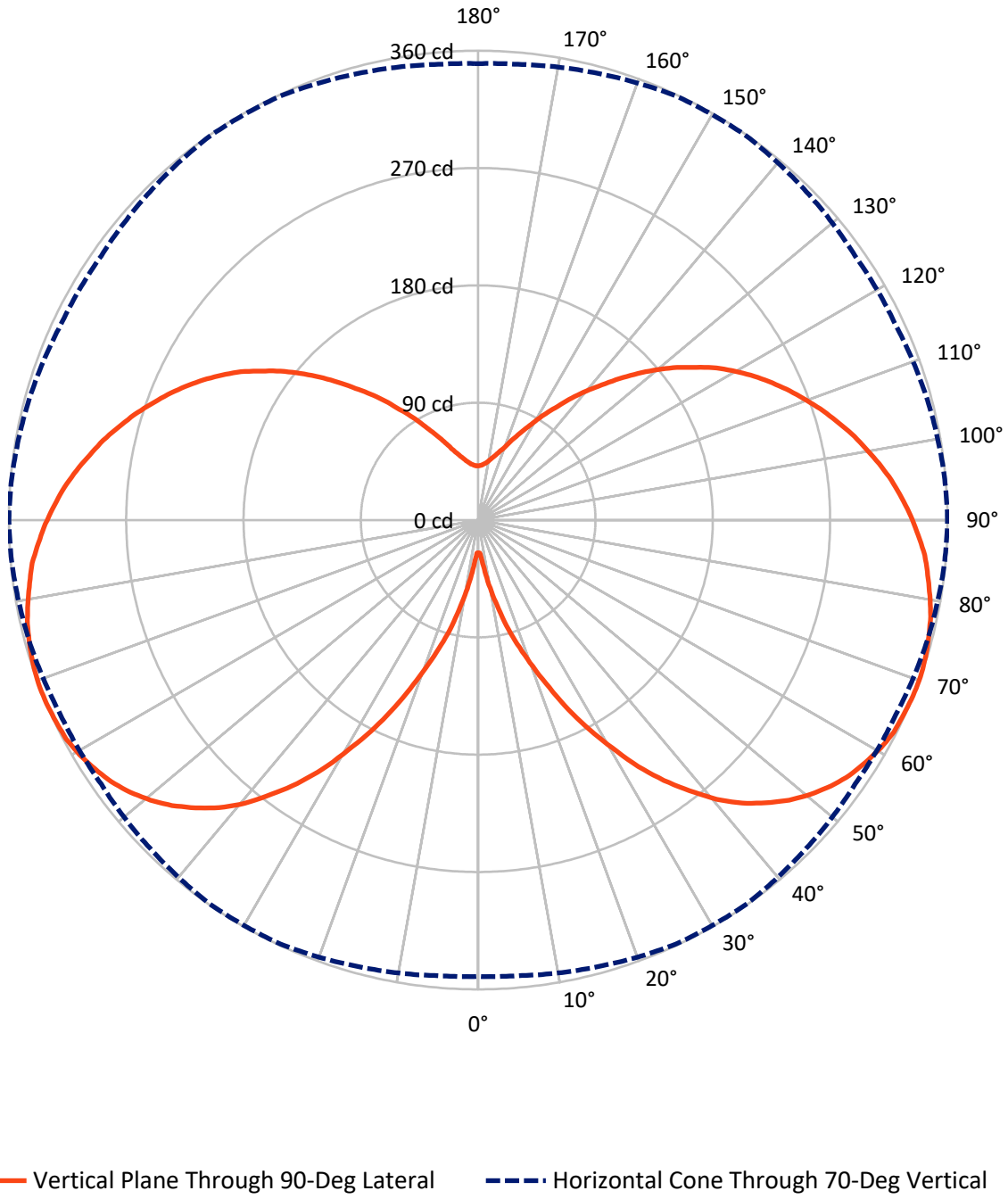
Based on 15 foot mounting height. Maximum calculated value = 0.6 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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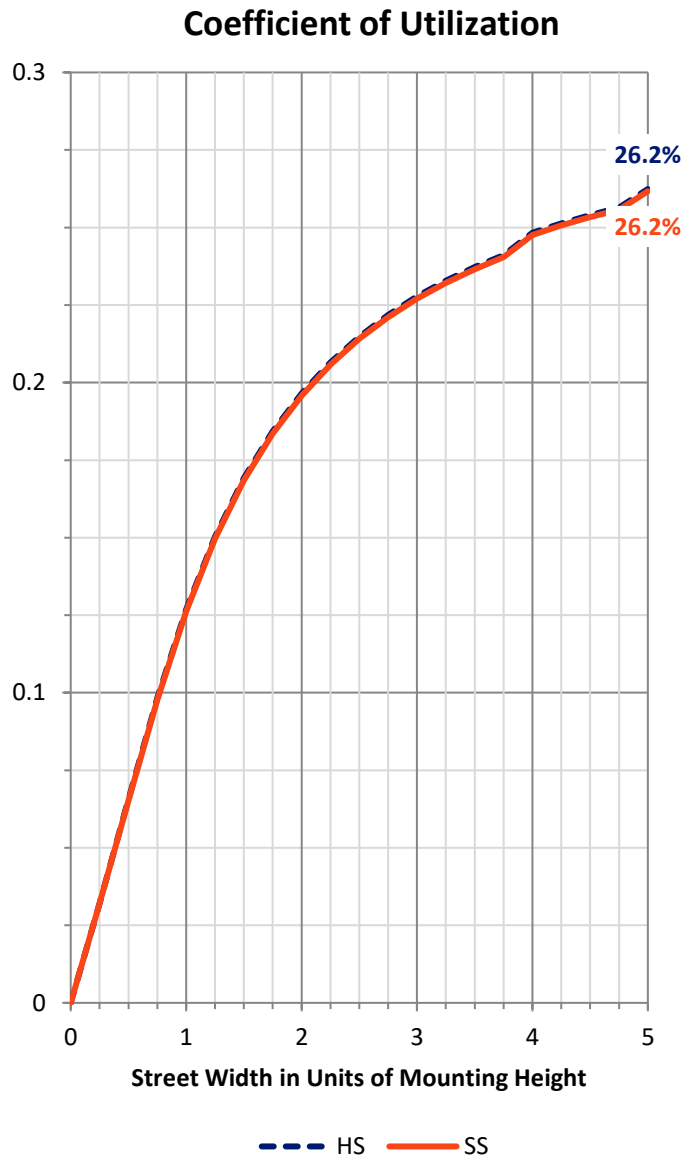
REPORT NUMBER: P981288
CATALOG NUMBER: FFX-CLB-20-727-U-VM9-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	946.9	652.5	1599.4
	% Fixture	29.6	20.4	50.0
Street Side	Lumens	946.9	652.5	1599.4
	% Fixture	29.6	20.4	50.0
Total	Lumens	1893.9	1304.9	3198.8
	% Fixture	59.2	40.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.8	0.1
10°-20°	25.6	0.8
20°-30°	75.0	2.3
30°-40°	152.7	4.8
40°-50°	236.9	7.4
50°-60°	305.9	9.6
60°-70°	351.7	11.0
70°-80°	372.7	11.7
80°-90°	369.6	11.6
90°-100°	343.6	10.7
100°-110°	299.5	9.4
110°-120°	244.6	7.6
120°-130°	181.4	5.7
130°-140°	117.4	3.7
140°-150°	66.4	2.1
150°-160°	33.1	1.0
160°-170°	14.7	0.5
170°-180°	4.2	0.1
0°-90°	1893.9	59.2
0°-180°	3198.8	100.0



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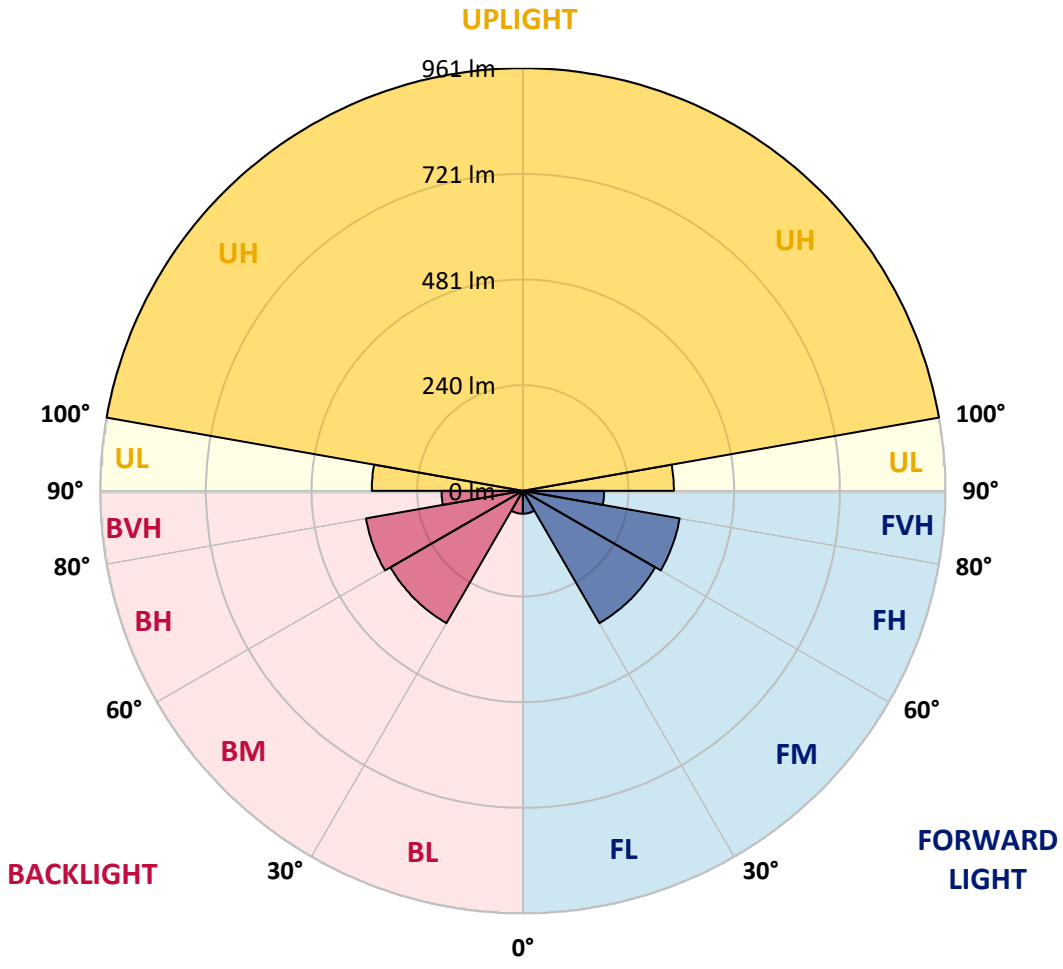
Scaled Data Report

REPORT NUMBER: P981288
CATALOG NUMBER: FFX-CLB-20-727-U-VM9-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	52.2	1.6			
FM	(30°-60°)	347.7	10.9			
FH	(60°-80°)	362.2	11.3			G0/660
FVH	(80°-90°)	184.8	5.8			G2/225
BL	(0°-30°)	52.2	1.6	B0/110		
BM	(30°-60°)	347.7	10.9	B1/1000		
BH	(60°-80°)	362.2	11.3	B1/500		G0/660
BVH	(80°-90°)	184.8	5.8			G2/225
UL	(90°-100°)	343.6	10.7		U3/500	
UH	(100°-180°)	961.3	30.1		U4/1000	

BUG Rating: B1-U4-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	*25.4*
2.5°	25.4	25.4	25.4	25.4	25.2	25.2	25.2	25.2	25.2	25.2	*25.2*
5°	31.4	31.2	31.2	31.4	31.4	31.4	31.2	31.4	31.0	30.8	*31.2*
7.5°	42.1	42.1	42.1	42.1	41.7	41.7	42.3	41.9	42.1	41.9	*42.3*
10°	55.1	55.1	54.9	55.3	55.5	55.3	55.1	55.7	55.3	55.3	*55.7*
12.5°	69.8	70.0	70.0	70.2	70.6	70.0	70.6	70.6	70.6	70.2	*70.0*
15°	86.7	86.5	86.9	86.7	85.9	86.7	86.9	86.5	86.7	86.9	*87.1*
17.5°	102.4	102.2	102.4	102.2	103.0	103.2	103.0	103.0	103.0	103.2	*102.8*
20°	119.7	119.8	119.3	119.8	119.8	120.2	121.0	120.8	121.0	120.4	*119.8*
22.5°	138.5	138.7	138.1	137.9	139.1	138.9	138.9	139.5	139.9	139.9	*139.5*
25°	158.8	158.4	158.4	159.0	159.0	158.8	159.8	160.2	160.0	160.6	*161.0*
27.5°	179.1	178.7	178.7	179.5	179.5	179.5	179.5	181.3	181.5	181.9	*182.1*
30°	198.8	200.1	200.1	199.7	200.3	201.3	201.9	201.9	202.5	202.5	*202.7*
32.5°	220.2	220.2	220.6	221.2	221.2	223.0	222.0	223.6	223.2	224.4	*225.2*
35°	240.5	240.9	240.9	242.1	242.1	242.5	242.7	243.7	245.1	244.9	*245.1*
37.5°	259.4	259.2	258.8	260.6	261.0	260.8	261.0	262.6	263.0	263.5	*263.2*
40°	276.7	276.1	277.1	278.1	278.1	278.5	278.9	279.6	280.4	280.8	*281.4*
42.5°	291.2	291.0	292.0	292.8	293.0	293.2	293.2	293.8	295.7	296.3	*296.7*
45°	303.9	303.7	304.9	305.9	306.5	306.5	305.9	306.7	308.5	309.1	*309.3*
47.5°	314.8	315.0	316.6	317.8	318.2	317.6	317.2	318.0	319.4	321.0	*320.8*
50°	324.0	324.2	326.0	327.9	328.1	327.5	326.6	327.2	329.1	330.3	*330.5*
52.5°	331.7	331.9	334.1	336.1	336.3	335.3	334.1	335.1	336.9	338.3	*338.7*
55°	337.9	338.5	340.7	342.9	343.4	342.1	340.5	341.1	343.1	345.2	*345.4*
57.5°	342.5	342.7	345.4	347.8	348.6	346.6	345.4	345.4	347.8	349.8	*350.2*
60°	345.6	346.4	349.6	352.4	352.8	351.0	348.8	349.2	351.8	354.0	*354.6*
62.5°	348.4	349.2	352.2	355.6	356.0	353.6	351.4	351.6	354.6	356.8	*357.6*
65°	349.8	350.4	354.0	357.4	357.8	355.4	352.8	353.0	355.8	358.4	*358.6*
67.5°	350.2	350.8	354.6	358.6	358.8	356.2	353.2	353.8	356.6	359.2	*359.5*
70°	*349.8*	*350.6*	*354.4*	*358.6*	*359.0*	*355.8*	*352.8*	*353.2*	*356.4*	*359.0*	*359.7*
72.5°	348.4	349.4	353.2	357.6	357.8	354.8	351.8	351.8	355.4	358.2	*358.6*
75°	346.6	347.6	351.8	356.2	356.4	353.2	350.0	350.4	353.8	356.4	*356.8*
77.5°	344.6	345.2	349.4	354.0	354.4	351.0	347.8	348.2	351.4	354.2	*354.6*
80°	341.5	342.1	346.4	350.8	351.2	347.8	344.4	345.2	348.4	351.0	*351.0*
82.5°	337.7	338.1	342.5	347.2	347.4	344.0	341.1	341.5	344.6	347.2	*347.2*
85°	333.3	333.9	338.3	342.9	342.9	339.7	336.5	337.3	340.3	342.7	*343.4*
87.5°	328.5	328.7	333.1	337.3	337.5	334.3	331.5	332.1	335.1	337.3	*337.5*
90°	323.0	323.4	327.5	331.5	331.7	328.5	326.0	326.8	329.1	331.1	*331.7*
92.5°	316.8	317.4	321.4	325.2	325.0	322.2	320.0	321.0	323.0	325.0	*325.0*
95°	310.5	311.3	314.4	318.0	317.6	315.2	313.4	314.2	316.2	317.8	*318.2*
97.5°	303.7	303.9	307.3	309.9	309.9	307.7	306.3	306.9	308.9	309.9	*310.3*
100°	296.3	296.5	299.1	301.7	301.7	299.7	298.7	299.3	300.9	301.7	*301.9*
102.5°	289.0	288.8	291.0	293.2	293.2	291.6	290.8	292.0	292.8	293.4	*293.8*
105°	280.6	280.4	282.4	284.4	284.0	283.0	282.2	283.2	284.2	284.6	*284.6*
107.5°	271.5	272.3	273.5	275.1	274.9	274.1	274.1	274.7	275.3	275.5	*275.7*
110°	263.7	263.5	264.7	265.5	265.7	265.3	265.7	265.9	266.1	266.1	*266.1*

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REPORT NUMBER: P981288
CATALOG NUMBER: FFX-CLB-20-727-U-VM9-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	254.8	254.8	255.2	255.8	256.0	256.2	256.4	257.2	256.8	257.0	*256.6*
115°	245.1	245.3	245.7	245.9	246.3	246.5	247.4	247.4	247.6	247.3	*246.7*
117.5°	235.3	235.7	235.5	235.3	236.1	236.7	237.3	237.7	237.7	236.9	*236.5*
120°	224.8	224.4	224.4	224.4	225.0	226.0	226.8	227.0	226.8	225.8	*225.6*
122.5°	213.3	213.7	213.1	213.3	213.5	214.9	215.5	215.8	215.3	214.1	*214.5*
125°	201.3	201.7	200.7	200.7	201.7	202.3	202.9	203.5	202.5	201.9	*201.5*
127.5°	188.6	188.6	188.4	187.8	189.0	189.6	190.8	190.8	190.0	189.2	*189.6*
130°	175.7	175.5	175.9	175.5	175.7	176.9	177.9	177.5	177.1	176.7	*176.7*
132.5°	162.4	162.8	162.4	162.2	163.2	163.6	164.6	165.0	164.2	163.2	*163.6*
135°	149.9	149.7	149.5	149.5	150.1	151.1	151.7	151.5	151.5	151.1	*150.7*
137.5°	136.9	137.5	137.1	137.1	137.5	138.5	139.5	139.3	139.1	138.3	*137.9*
140°	125.4	125.0	125.2	125.2	126.2	126.2	127.2	127.2	127.0	126.4	*126.8*
142.5°	113.9	113.7	114.5	114.1	114.5	115.5	115.9	115.7	115.3	115.5	*115.7*
145°	103.4	103.6	103.4	103.6	104.1	104.7	105.5	105.1	105.1	104.5	*104.3*
147.5°	93.4	93.4	93.2	94.0	94.2	95.0	95.2	95.4	95.0	94.6	*95.2*
150°	84.7	84.5	84.5	84.7	85.1	85.7	86.1	86.1	86.3	85.9	*85.7*
152.5°	76.5	76.1	76.3	76.7	76.9	77.5	77.5	77.9	77.7	77.5	*77.5*
155°	69.2	69.4	69.4	69.6	70.0	70.2	70.6	70.4	70.6	70.4	*70.4*
157.5°	63.2	63.6	63.6	63.8	63.6	63.8	64.0	64.2	64.2	64.2	*64.2*
160°	58.4	58.2	58.2	58.2	58.2	58.4	58.8	58.6	58.8	58.6	*58.4*
162.5°	54.1	54.1	54.1	54.1	54.3	54.3	54.3	54.5	54.3	54.3	*54.3*
165°	50.5	50.7	50.5	50.5	50.5	50.7	50.7	50.7	50.7	50.7	*50.7*
167.5°	47.7	47.9	47.9	47.9	47.9	47.9	48.1	47.9	47.9	47.9	*47.9*
170°	45.5	45.7	45.7	45.5	45.7	45.5	45.5	45.7	45.5	45.5	*45.5*
172.5°	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.7	*43.7*
175°	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	*42.5*
177.5°	41.7	41.7	41.9	41.7	41.7	41.7	41.7	41.7	41.7	41.7	*41.7*
180°	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	*41.5*

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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

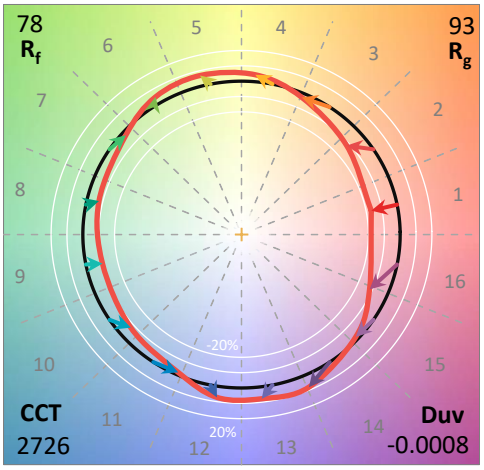
Test Information

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

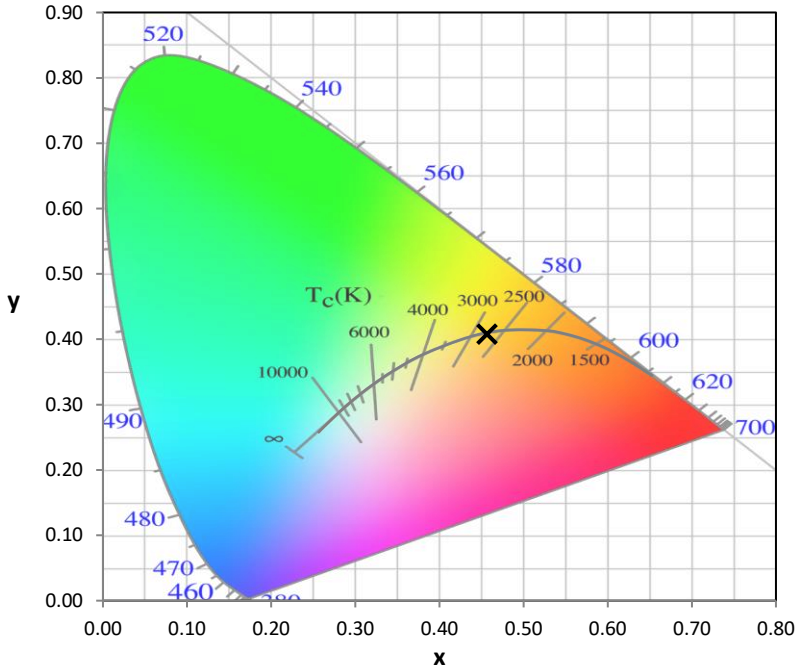
Stabilization Time:	75M
Operation Time:	2H 15M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-3

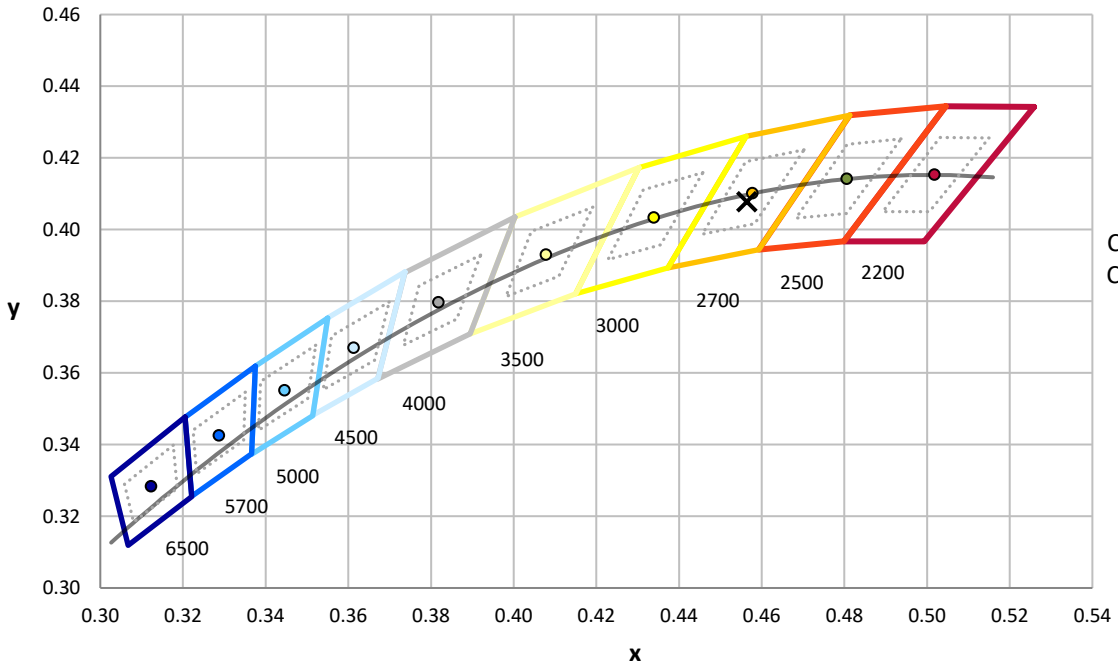
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

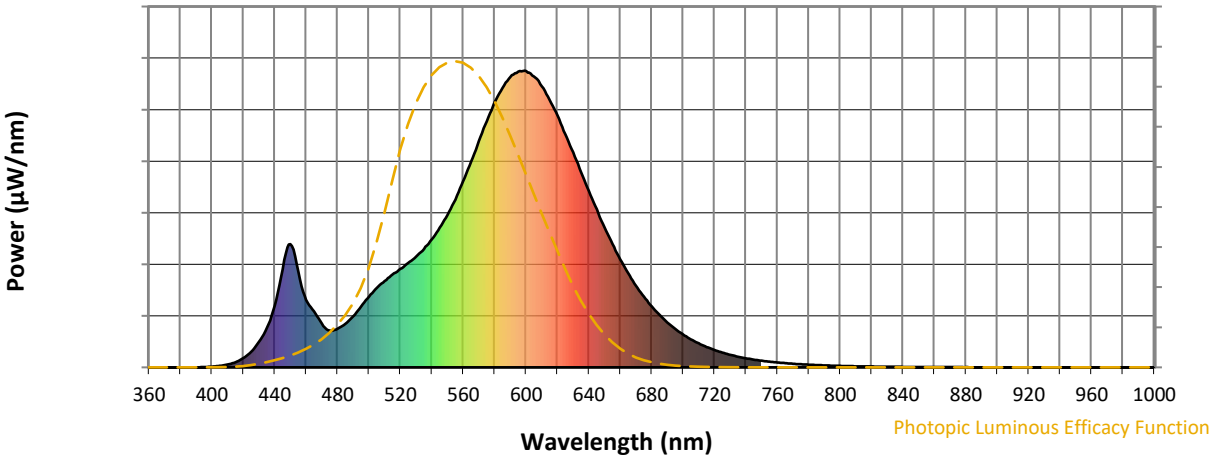


CCT = 2726K
CIE x = 0.4564
CIE y = 0.4077
Duv = -0.0008

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-3

Photopic Flux vs. Wavelength

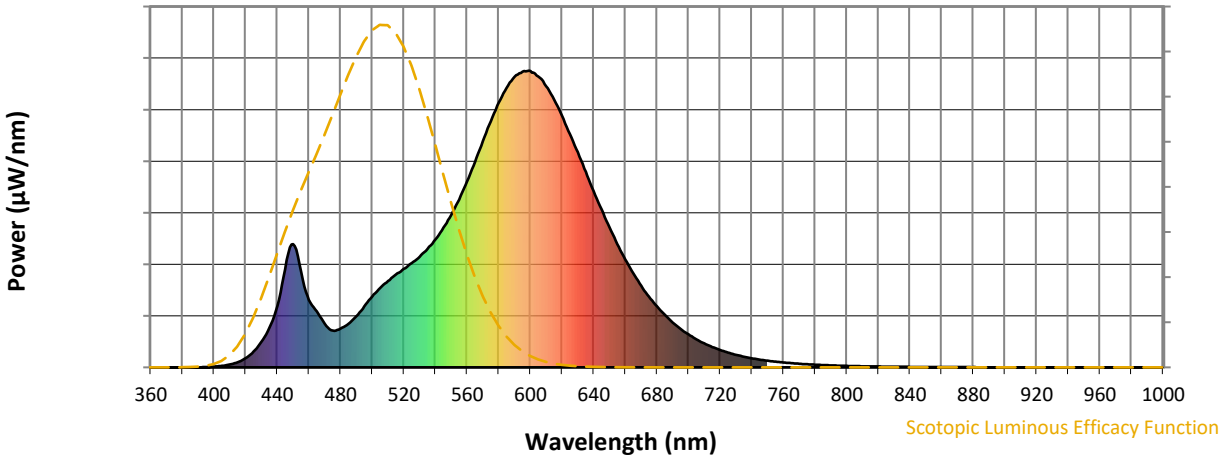


Photopic Lumens: NR

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

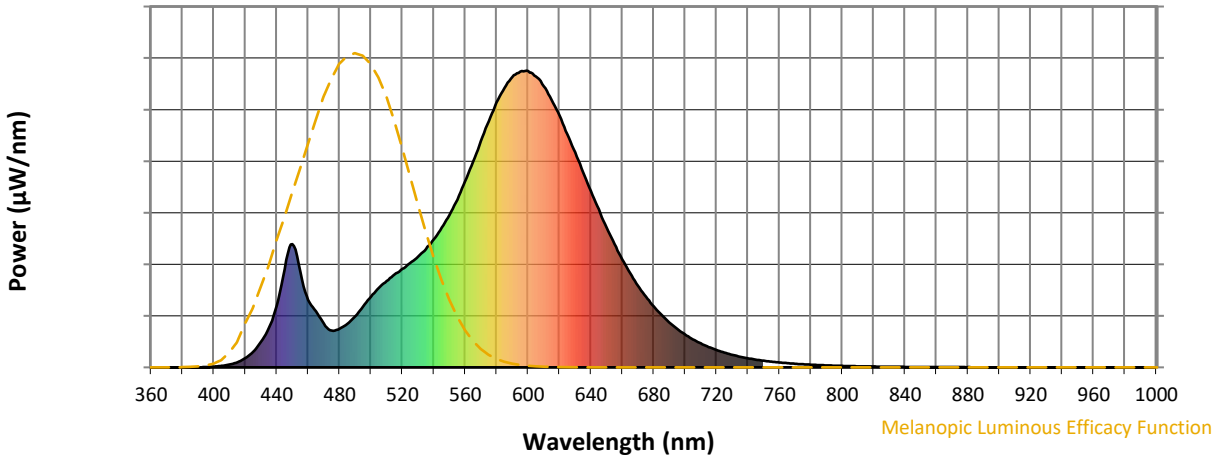


Scotopic Lumens: NR **S/P: 1.16**

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			

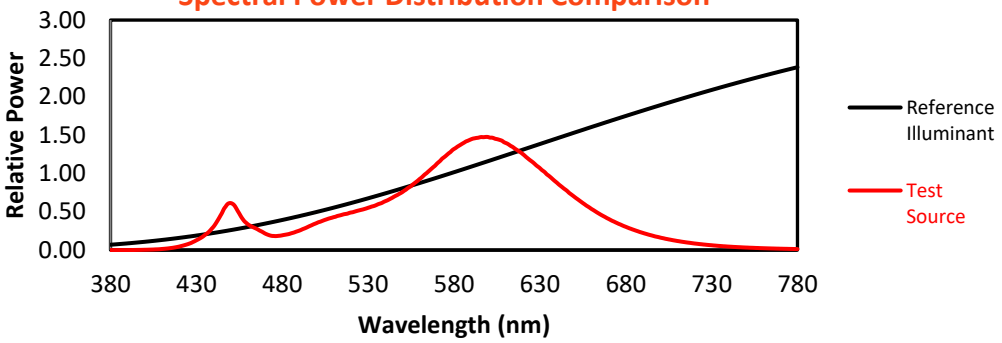
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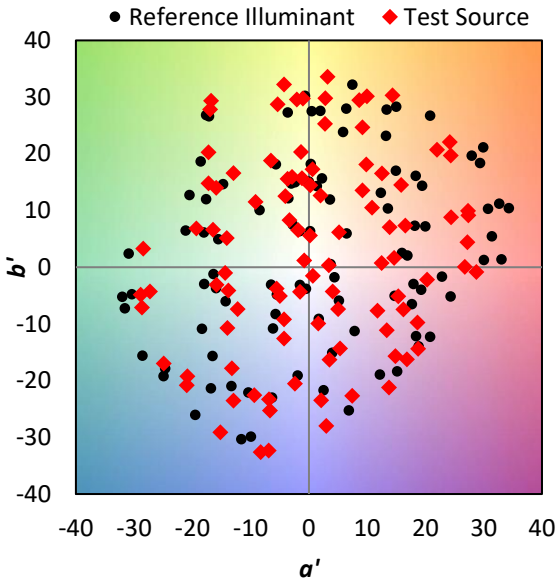
Summary

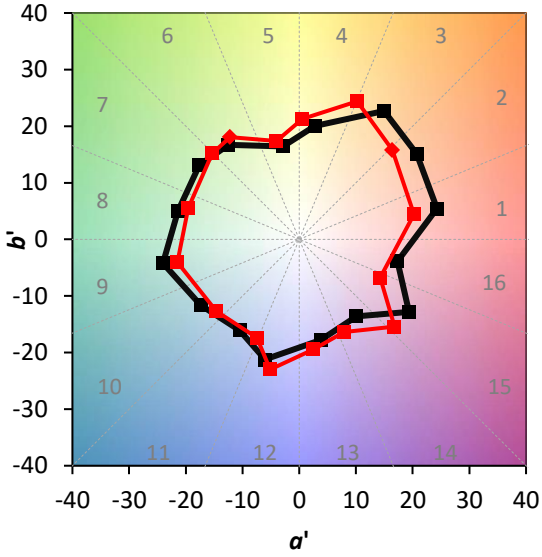
R_f = 77.8
R_g = 93.1
CIE R_a = 72.7
R_9 = -32.4

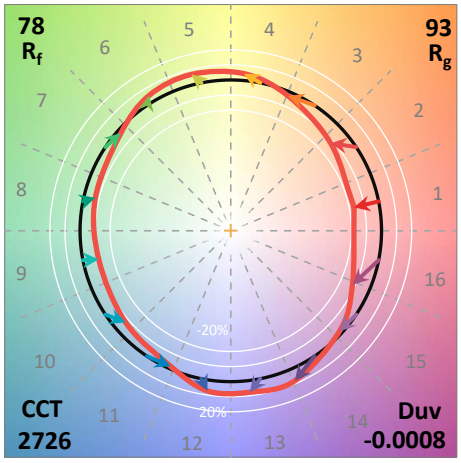
Spectral Power Distribution Comparison

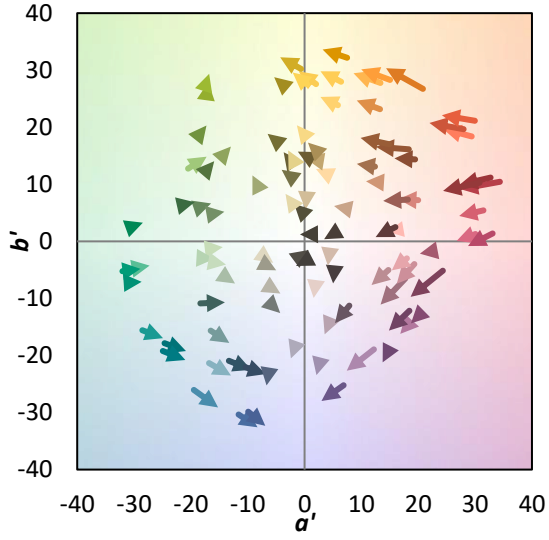


Color Vector Graphics







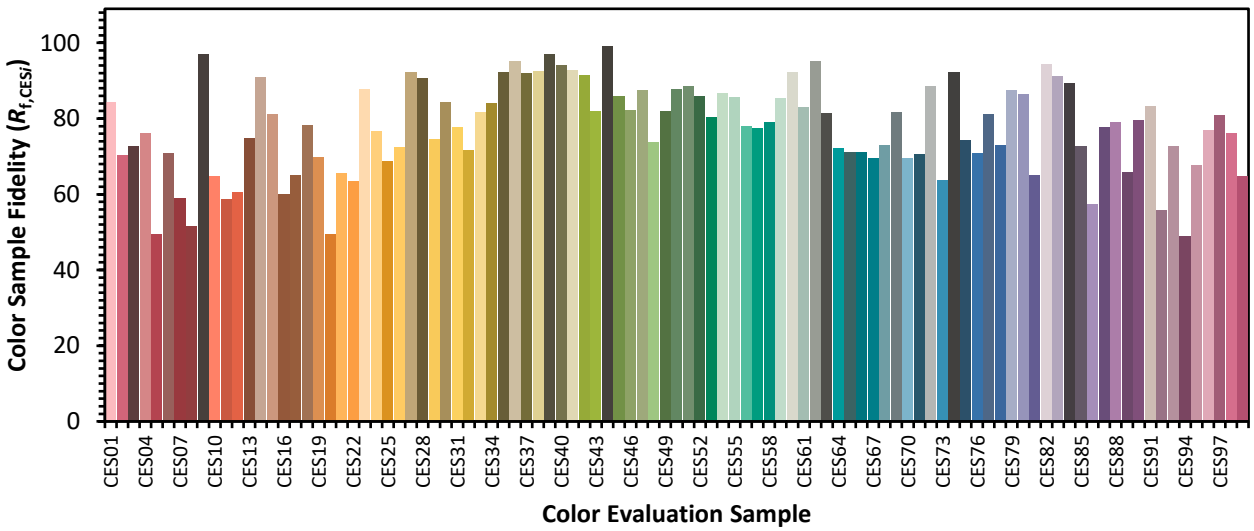


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Individual Sample Fidelity Index ($R_{f,i}$)

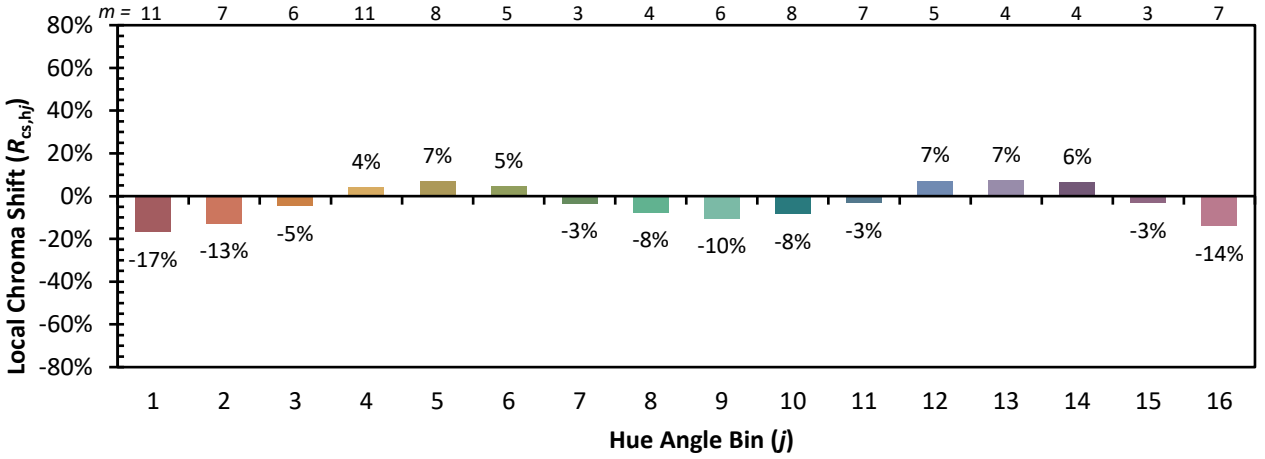
CES01 = 86	CES26 = 72	CES51 = 88	CES76 = 71
CES02 = 63	CES27 = 92	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 91	CES53 = 80	CES78 = 73
CES04 = 71	CES29 = 75	CES54 = 87	CES79 = 88
CES05 = 50	CES30 = 84	CES55 = 86	CES80 = 87
CES06 = 52	CES31 = 78	CES56 = 78	CES81 = 65
CES07 = 42	CES32 = 72	CES57 = 77	CES82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

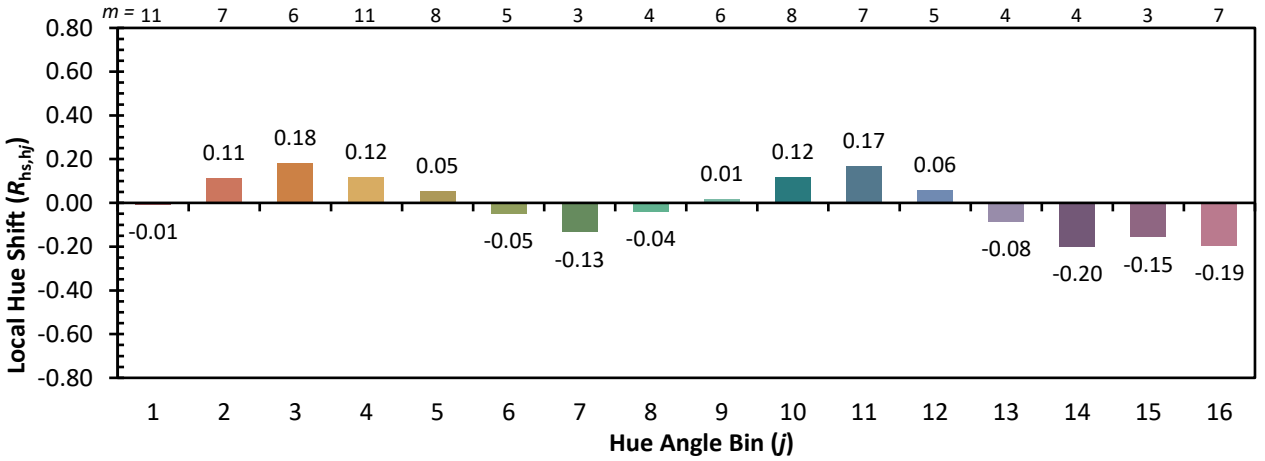


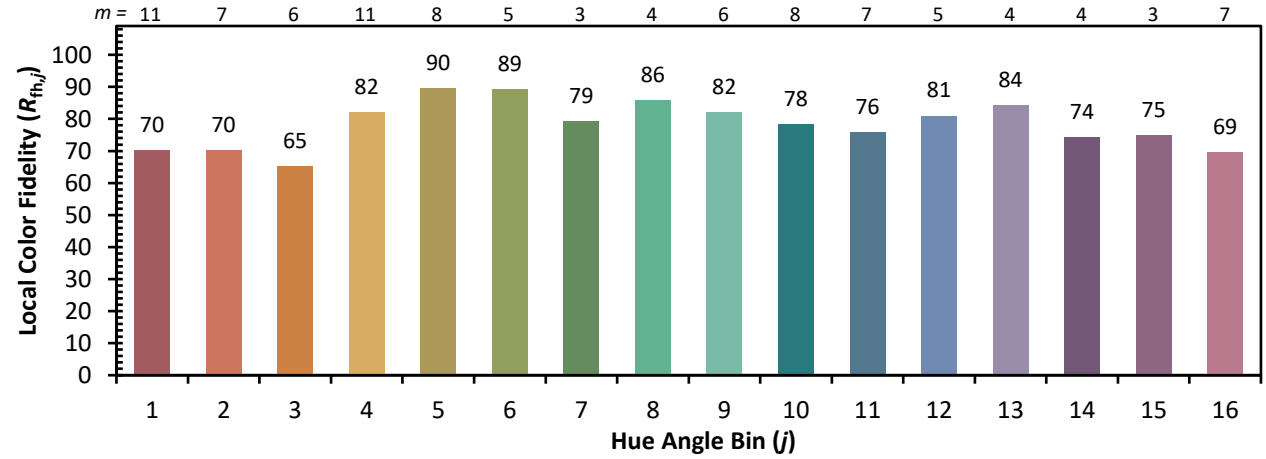
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Color Rendition by Hue-Angle Bin



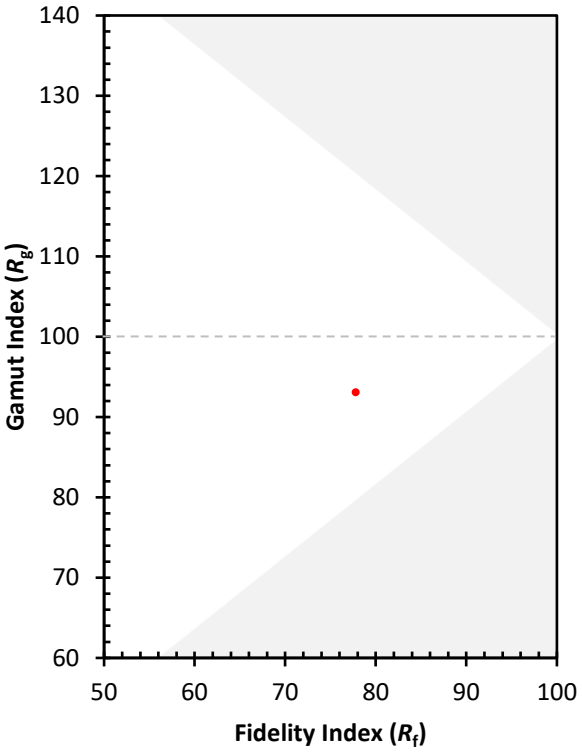


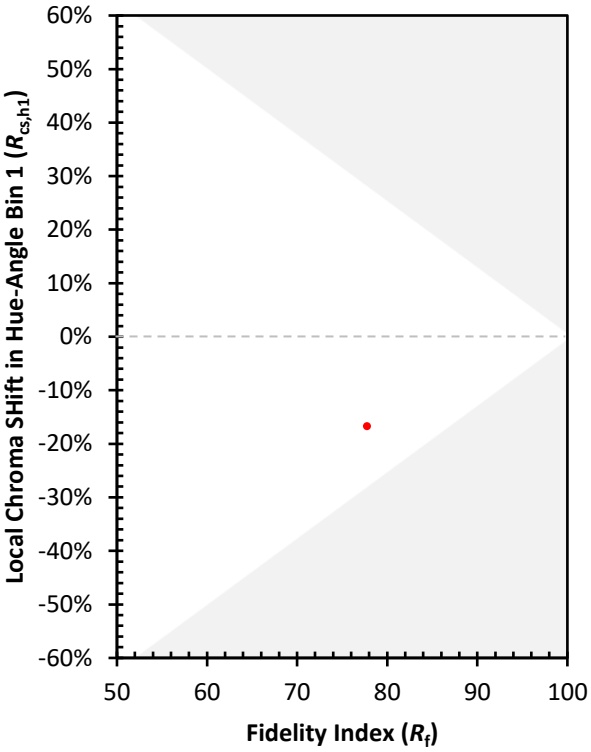


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Measure Comparisons





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