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: P981279

Luminaire Tested: **FFX-CLB-20-722-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:	P981279
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-20-722-U-VM9-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK
Light Source:	(6) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2843.4 lumens
Efficiency:	N/A
Efficacy:	143.6 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B1 - U4 - G2

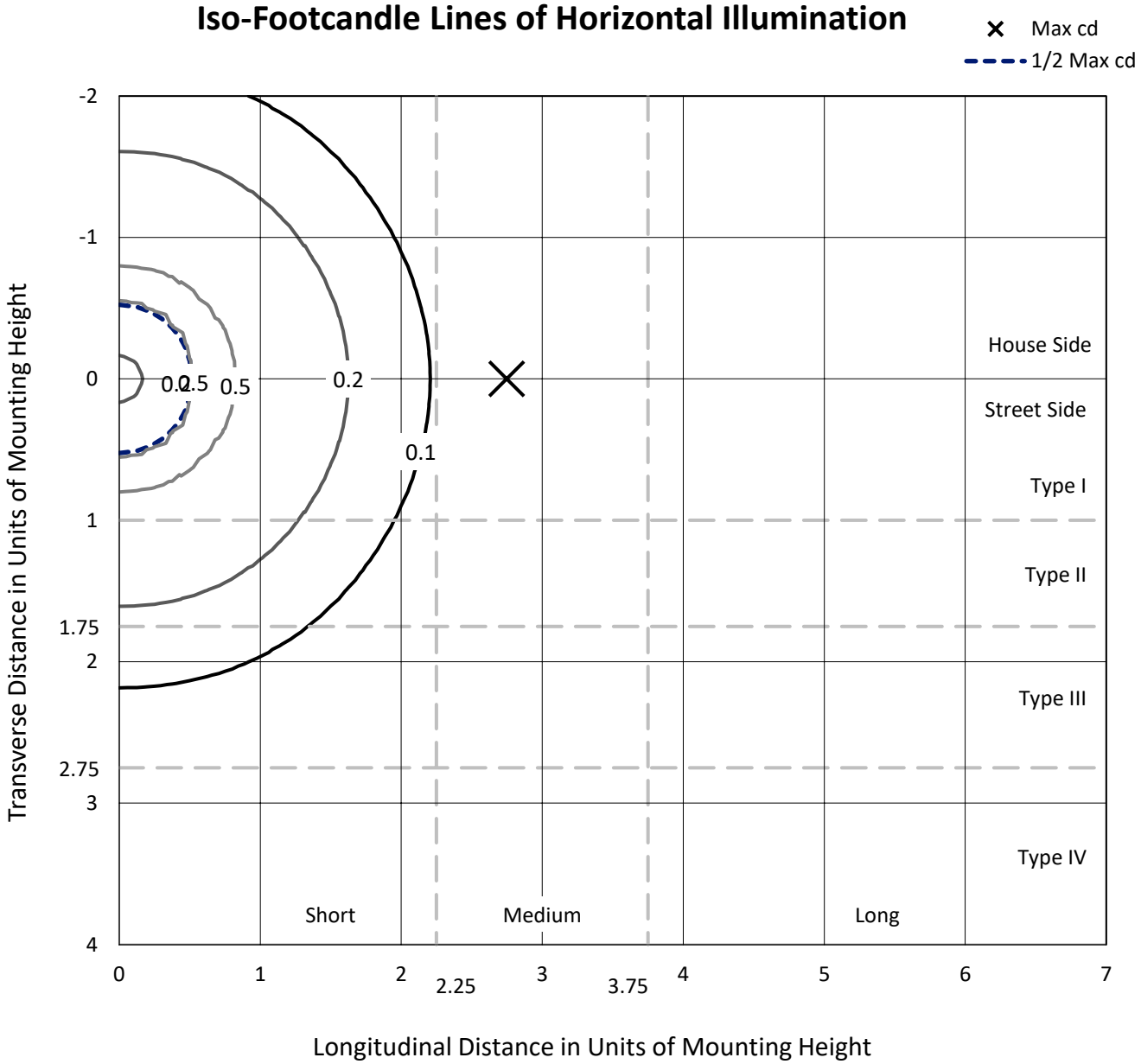
Input Watts (W):	19.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	9.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981279
CATALOG NUMBER: FFX-CLB-20-722-U-VM9-T5

Iso-Footcandle Lines of Horizontal Illumination



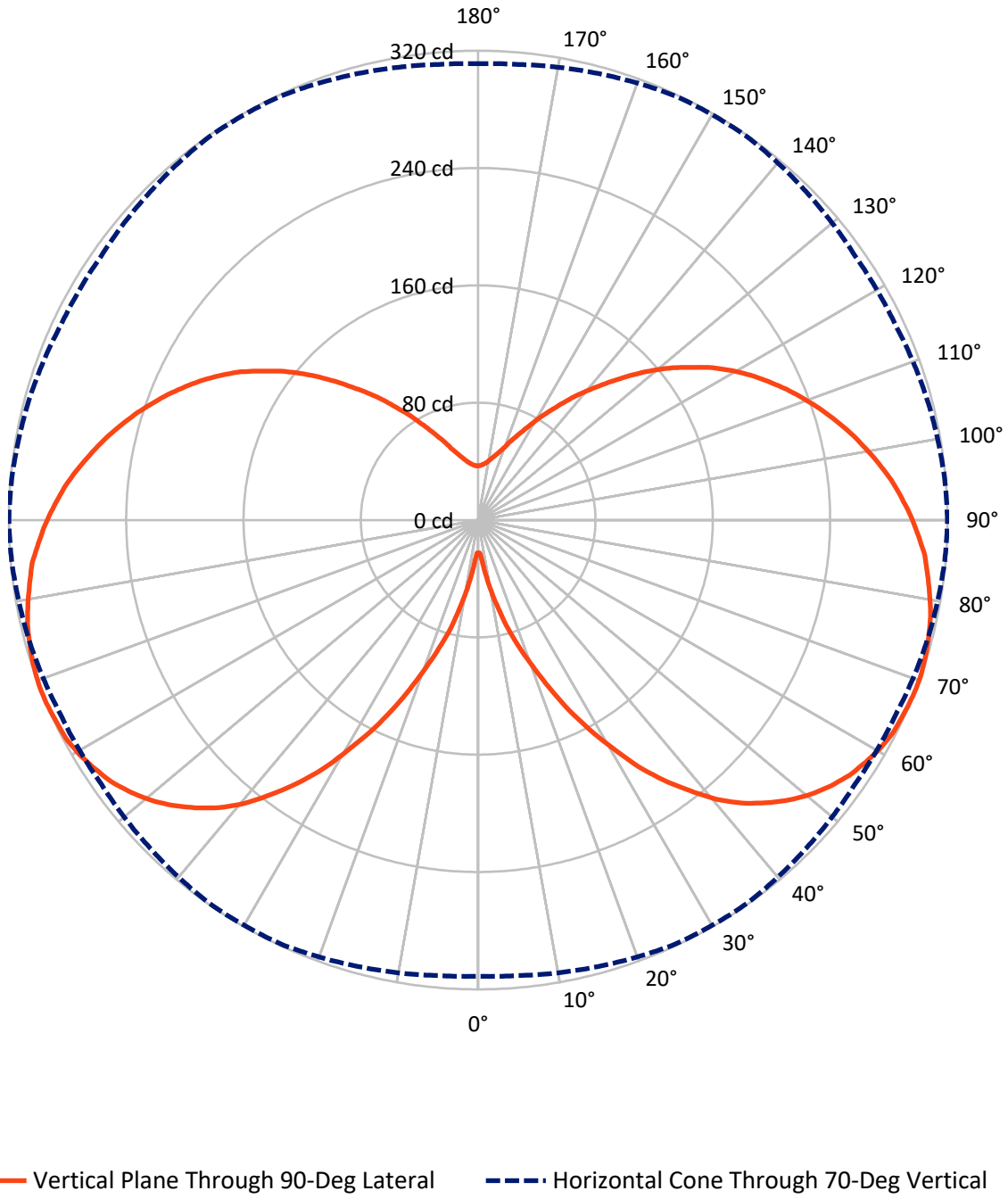
Based on 15 foot mounting height. Maximum calculated value = 0.5 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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Scaled Data Report

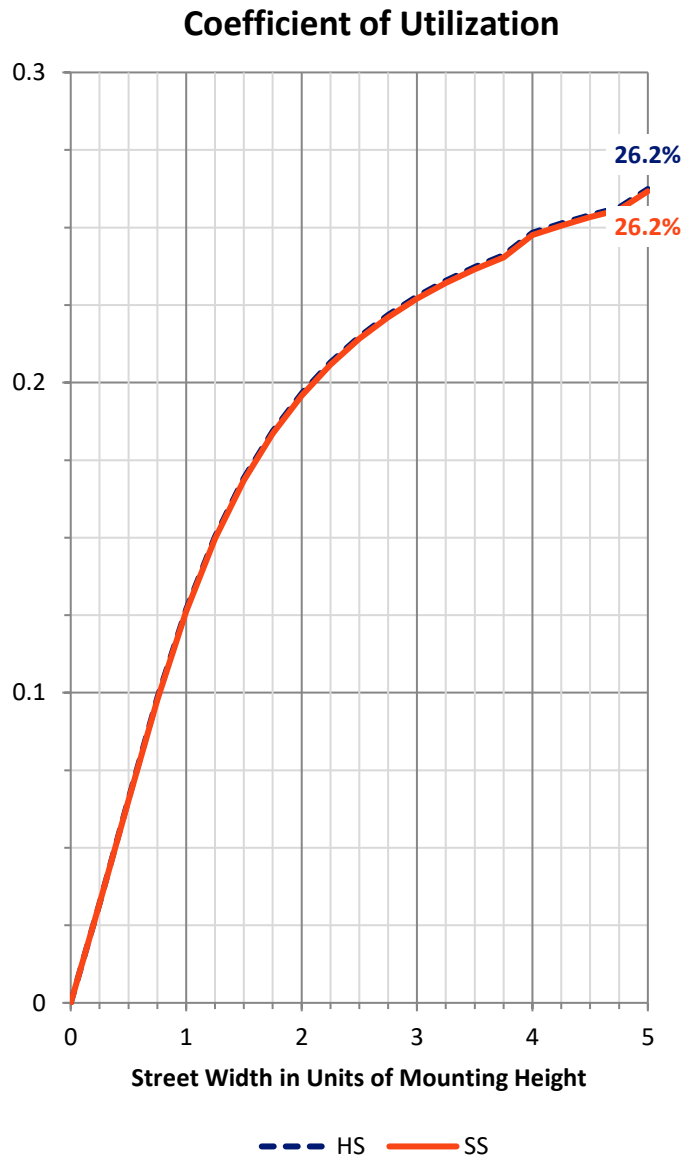
REPORT NUMBER: P981279
CATALOG NUMBER: FFX-CLB-20-722-U-VM9-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	841.7	580.0	1421.7
	% Fixture	29.6	20.4	50.0
Street Side	Lumens	841.7	580.0	1421.7
	% Fixture	29.6	20.4	50.0
Total	Lumens	1683.4	1159.9	2843.4
	% Fixture	59.2	40.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.4	0.1
10°-20°	22.7	0.8
20°-30°	66.7	2.3
30°-40°	135.7	4.8
40°-50°	210.5	7.4
50°-60°	271.9	9.6
60°-70°	312.6	11.0
70°-80°	331.3	11.7
80°-90°	328.5	11.6
90°-100°	305.4	10.7
100°-110°	266.3	9.4
110°-120°	217.5	7.6
120°-130°	161.2	5.7
130°-140°	104.4	3.7
140°-150°	59.0	2.1
150°-160°	29.4	1.0
160°-170°	13.1	0.5
170°-180°	3.7	0.1
0°-90°	1683.4	59.2
0°-180°	2843.4	100.0



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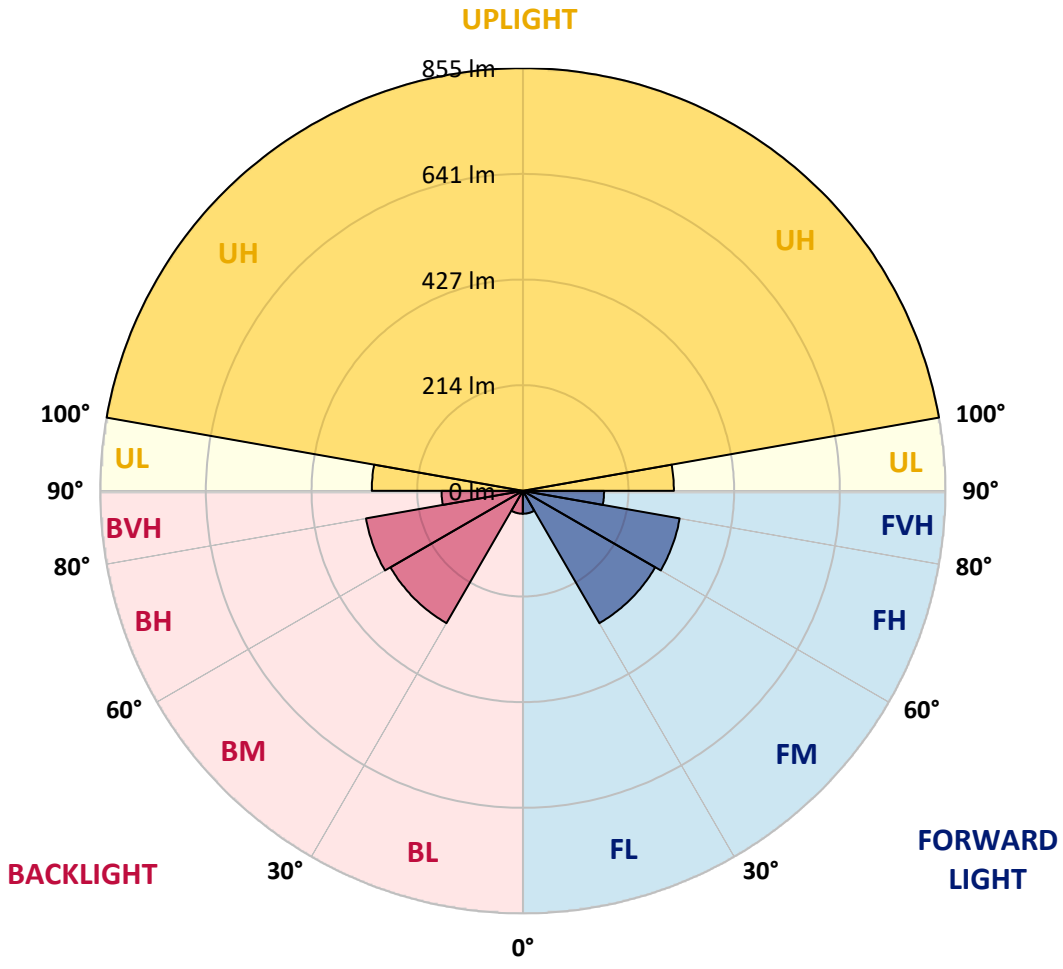
Scaled Data Report

REPORT NUMBER: P981279
CATALOG NUMBER: FFX-CLB-20-722-U-VM9-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	46.4	1.6			
FM	(30°-60°)	309.1	10.9			
FH	(60°-80°)	322.0	11.3			G0/660
FVH	(80°-90°)	164.3	5.8			G2/225
BL	(0°-30°)	46.4	1.6	B0/110		
BM	(30°-60°)	309.1	10.9	B1/1000		
BH	(60°-80°)	322.0	11.3	B1/500		G0/660
BVH	(80°-90°)	164.3	5.8			G2/225
UL	(90°-100°)	305.4	10.7		U3/500	
UH	(100°-180°)	854.5	30.1		U4/1000	

BUG Rating: B1-U4-G2
Type V Short



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REPORT NUMBER: P981279
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	*22.6*
2.5°	22.6	22.6	22.6	22.6	22.4	22.4	22.4	22.4	22.4	22.4	*22.4*
5°	27.9	27.7	27.7	27.9	27.9	27.9	27.7	27.9	27.6	27.4	*27.7*
7.5°	37.5	37.5	37.5	37.5	37.1	37.1	37.6	37.3	37.5	37.3	*37.6*
10°	48.9	48.9	48.8	49.1	49.3	49.1	48.9	49.5	49.1	49.1	*49.5*
12.5°	62.0	62.2	62.2	62.4	62.7	62.2	62.7	62.7	62.7	62.4	*62.2*
15°	77.0	76.9	77.2	77.0	76.3	77.0	77.2	76.9	77.0	77.2	*77.4*
17.5°	91.0	90.8	91.0	90.8	91.5	91.7	91.5	91.5	91.5	91.7	*91.3*
20°	106.4	106.5	106.0	106.5	106.5	106.9	107.6	107.4	107.6	107.1	*106.5*
22.5°	123.1	123.3	122.8	122.6	123.7	123.5	123.5	124.0	124.4	124.4	*124.0*
25°	141.2	140.8	140.8	141.3	141.3	141.2	142.0	142.4	142.2	142.8	*143.1*
27.5°	159.2	158.8	158.8	159.5	159.5	159.5	159.5	161.1	161.3	161.7	*161.8*
30°	176.7	177.9	177.9	177.6	178.1	179.0	179.5	179.5	180.0	180.0	*180.2*
32.5°	195.8	195.8	196.1	196.6	196.6	198.2	197.3	198.8	198.4	199.5	*200.2*
35°	213.8	214.1	214.1	215.2	215.2	215.5	215.7	216.6	217.8	217.7	*217.8*
37.5°	230.6	230.4	230.0	231.6	232.0	231.8	232.0	233.4	233.7	234.3	*233.9*
40°	245.9	245.4	246.3	247.2	247.2	247.5	247.9	248.6	249.3	249.6	*250.2*
42.5°	258.8	258.6	259.5	260.2	260.4	260.6	260.6	261.1	262.9	263.4	*263.8*
45°	270.1	270.0	271.0	271.9	272.4	272.4	271.9	272.6	274.2	274.7	*274.9*
47.5°	279.8	280.0	281.4	282.5	282.9	282.3	282.0	282.7	283.9	285.3	*285.1*
50°	288.0	288.2	289.7	291.5	291.7	291.2	290.3	290.8	292.6	293.6	*293.8*
52.5°	294.9	295.0	297.0	298.8	298.9	298.0	297.0	297.9	299.5	300.7	*301.0*
55°	300.3	300.9	302.8	304.8	305.3	304.1	302.6	303.2	304.9	306.9	*307.1*
57.5°	304.4	304.6	307.1	309.2	309.9	308.1	307.1	307.1	309.2	310.9	*311.3*
60°	307.2	307.9	310.8	313.2	313.6	312.0	310.1	310.4	312.7	314.7	*315.2*
62.5°	309.7	310.4	313.1	316.1	316.4	314.3	312.4	312.5	315.2	317.1	*317.8*
65°	310.9	311.5	314.7	317.7	318.0	315.9	313.6	313.8	316.2	318.5	*318.7*
67.5°	311.3	311.8	315.2	318.7	318.9	316.6	313.9	314.5	316.9	319.2	*319.6*
70°	*310.9*	*311.6*	*315.0*	*318.7*	*319.1*	*316.2*	*313.6*	*313.9*	*316.8*	*319.1*	*319.8*
72.5°	309.7	310.6	313.9	317.8	318.0	315.4	312.7	312.7	315.9	318.4	*318.7*
75°	308.1	309.0	312.7	316.6	316.8	313.9	311.1	311.5	314.5	316.8	*317.1*
77.5°	306.3	306.9	310.6	314.7	315.0	312.0	309.2	309.5	312.4	314.8	*315.2*
80°	303.5	304.1	307.9	311.8	312.2	309.2	306.2	306.9	309.7	312.0	*312.0*
82.5°	300.2	300.5	304.4	308.6	308.8	305.8	303.2	303.5	306.3	308.6	*308.6*
85°	296.3	296.8	300.7	304.8	304.8	301.9	299.1	299.8	302.5	304.6	*305.3*
87.5°	292.0	292.2	296.1	299.8	300.0	297.2	294.7	295.2	297.9	299.8	*300.0*
90°	287.1	287.4	291.2	294.7	294.9	292.0	289.7	290.4	292.6	294.3	*294.9*
92.5°	281.6	282.1	285.7	289.0	288.9	286.4	284.4	285.3	287.1	288.9	*288.9*
95°	276.0	276.7	279.5	282.7	282.3	280.2	278.6	279.3	281.1	282.5	*282.9*
97.5°	270.0	270.1	273.1	275.4	275.4	273.5	272.3	272.8	274.5	275.4	*275.8*
100°	263.4	263.6	265.9	268.2	268.2	266.4	265.5	266.1	267.5	268.2	*268.4*
102.5°	256.9	256.7	258.6	260.6	260.6	259.2	258.5	259.5	260.2	260.8	*261.1*
105°	249.5	249.3	251.0	252.8	252.5	251.6	250.9	251.8	252.6	253.0	*253.0*
107.5°	241.3	242.0	243.1	244.5	244.3	243.6	243.6	244.2	244.7	244.9	*245.0*
110°	234.4	234.3	235.3	236.0	236.2	235.9	236.2	236.4	236.6	236.6	*236.6*

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CATALOG NUMBER: FFX-CLB-20-722-U-VM9-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	226.5	226.5	226.8	227.4	227.6	227.7	227.9	228.6	228.3	228.4	*228.1*
115°	217.8	218.0	218.4	218.5	218.9	219.1	220.0	220.0	220.1	219.8	*219.2*
117.5°	209.2	209.5	209.4	209.2	209.9	210.4	210.9	211.3	211.3	210.6	*210.2*
120°	199.8	199.5	199.5	199.5	200.0	200.9	201.6	201.8	201.6	200.7	*200.5*
122.5°	189.6	189.9	189.4	189.6	189.7	191.0	191.5	191.9	191.3	190.3	*190.6*
125°	179.0	179.3	178.4	178.4	179.3	179.9	180.4	180.9	180.0	179.5	*179.1*
127.5°	167.7	167.7	167.5	167.0	168.0	168.5	169.6	169.6	168.9	168.2	*168.5*
130°	156.2	156.0	156.4	156.0	156.2	157.2	158.1	157.8	157.4	157.1	*157.1*
132.5°	144.3	144.7	144.3	144.2	145.0	145.4	146.3	146.6	145.9	145.0	*145.4*
135°	133.2	133.0	132.9	132.9	133.4	134.3	134.8	134.6	134.6	134.3	*133.9*
137.5°	121.7	122.3	121.9	121.9	122.3	123.1	124.0	123.8	123.7	123.0	*122.6*
140°	111.5	111.1	111.3	111.3	112.2	112.2	113.1	113.1	112.9	112.4	*112.7*
142.5°	101.2	101.1	101.8	101.4	101.8	102.6	103.0	102.8	102.5	102.6	*102.8*
145°	91.9	92.0	91.9	92.0	92.6	93.1	93.8	93.5	93.5	92.9	*92.8*
147.5°	83.0	83.0	82.9	83.6	83.7	84.4	84.6	84.8	84.4	84.1	*84.6*
150°	75.3	75.1	75.1	75.3	75.6	76.1	76.5	76.5	76.7	76.3	*76.1*
152.5°	68.0	67.7	67.8	68.2	68.4	68.9	68.9	69.3	69.1	68.9	*68.9*
155°	61.5	61.7	61.7	61.8	62.2	62.4	62.7	62.5	62.7	62.5	*62.5*
157.5°	56.2	56.5	56.5	56.7	56.5	56.7	56.9	57.1	57.1	57.1	*57.1*
160°	51.9	51.8	51.8	51.8	51.8	51.9	52.3	52.1	52.3	52.1	*51.9*
162.5°	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.4	48.2	48.2	*48.2*
165°	44.9	45.1	44.9	44.9	44.9	45.1	45.1	45.1	45.1	45.1	*45.1*
167.5°	42.4	42.6	42.6	42.6	42.6	42.6	42.8	42.6	42.6	42.6	*42.6*
170°	40.5	40.6	40.6	40.5	40.6	40.5	40.5	40.6	40.5	40.5	*40.5*
172.5°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	38.9	*38.9*
175°	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	*37.8*
177.5°	37.1	37.1	37.3	37.1	37.1	37.1	37.1	37.1	37.1	37.1	*37.1*
180°	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	*36.9*

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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: SP1-2501-332-2

Test Date: 03/20/2025

Luminaire Tested: FFX-CLB-100-722-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-722-U-FR-T5

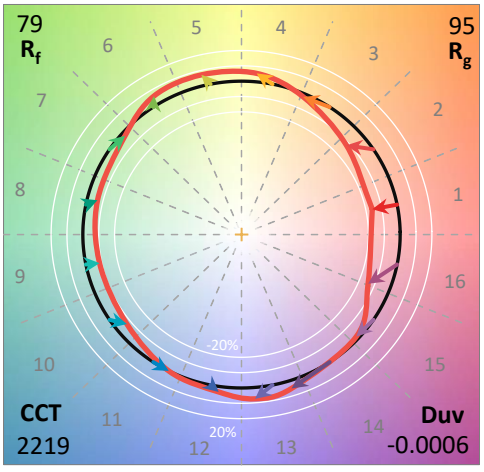
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-2
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-100-722-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	2219	CRI (Ra):	73.3		
CIE u':	0.2889	R1:	71.2	R9:	-25.6
CIE v':	0.5348	R2:	89.1	R10:	78.7
Duv:	-0.0006	R3:	88.3	R11:	66.6
CIE x:	0.5023	R4:	68.0	R12:	77.1
CIE y:	0.4133	R5:	71.8	R13:	75.0
CIE z:	0.0844	R6:	89.6	R14:	93.9
Peak Wavelength (nm):	606	R7:	71.4	R15:	61.0
Dominant Wavelength (nm):	587	R8:	37.3		
Purity:	74.84521				
Rf:	78.8				
Rg:	94.5				



Test Conditions

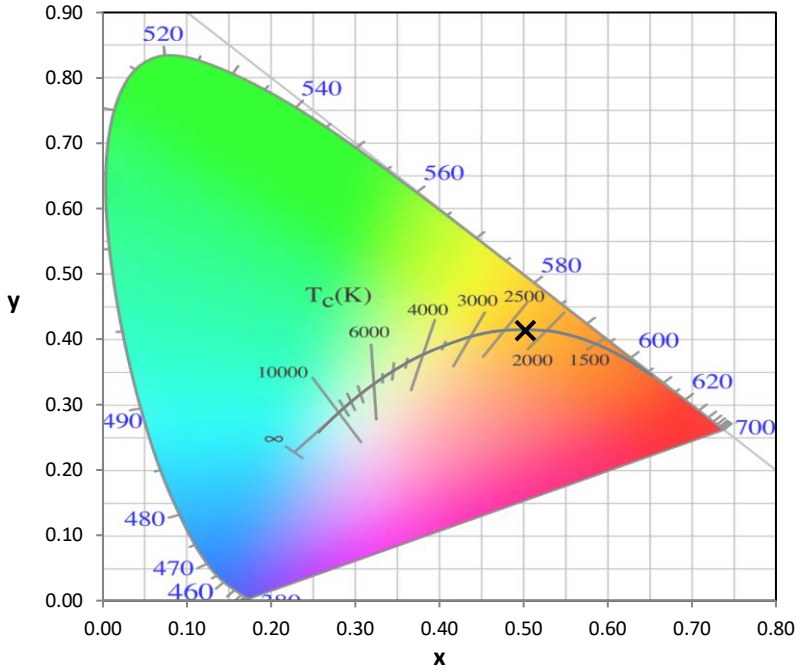
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

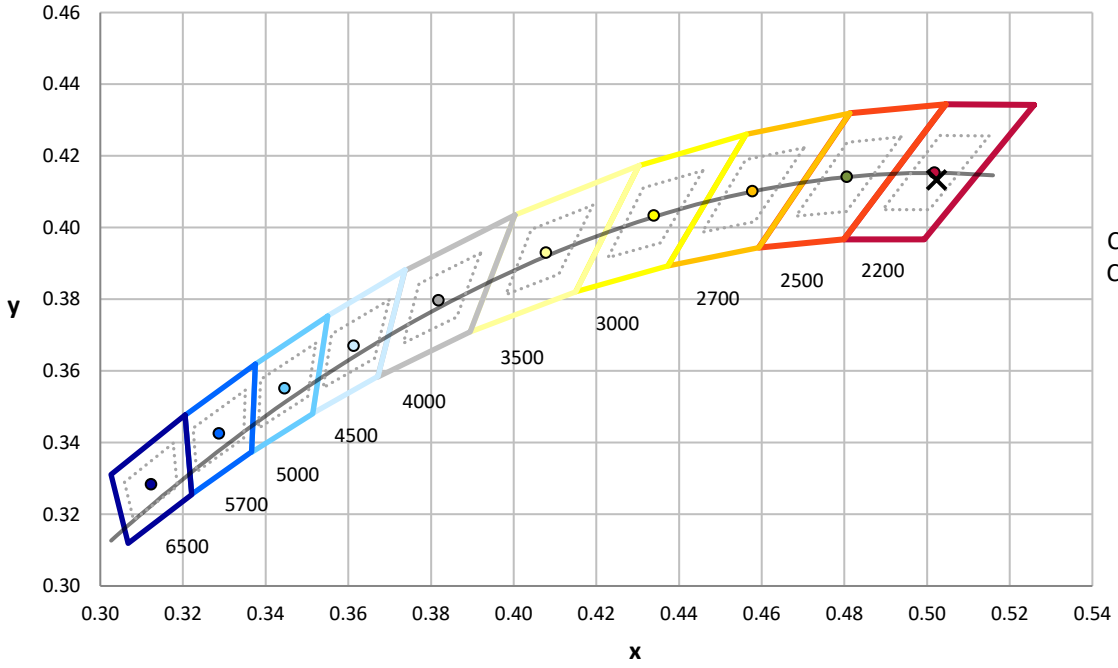
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-2

CIE 1931 Chromaticity Diagram



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

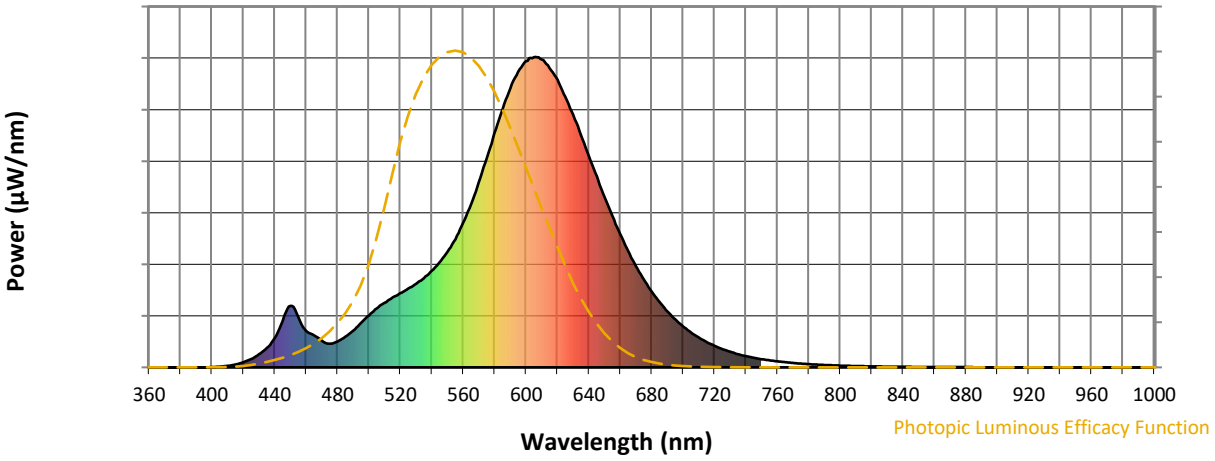


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

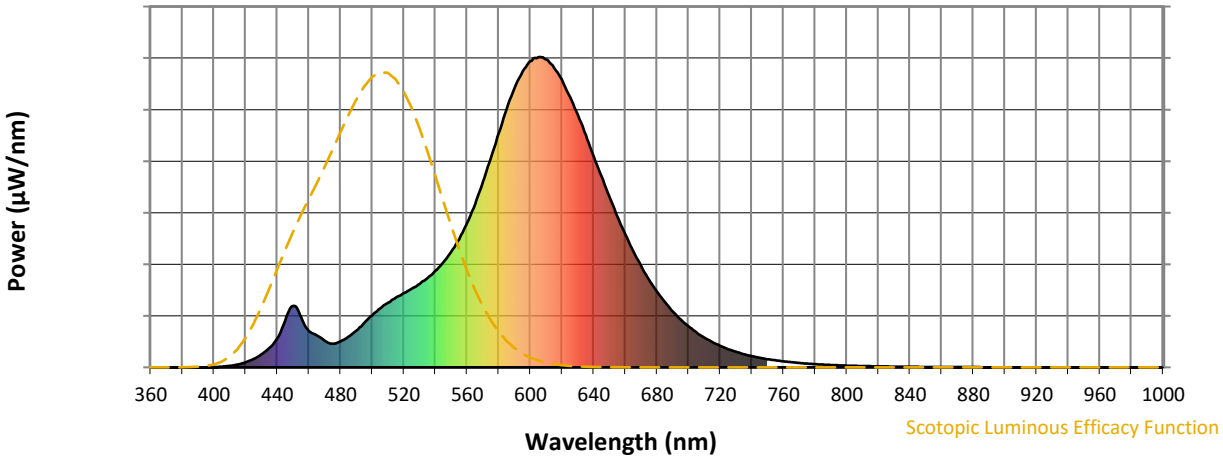


Photopic Lumens: NR

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	118	NR	620	926	NR	750	26	NR	880	1	NR
365	0	NR	495	143	NR	625	872	NR	755	23	NR	885	1	NR
370	0	NR	500	167	NR	630	813	NR	760	19	NR	890	0	NR
375	0	NR	505	190	NR	635	748	NR	765	17	NR	895	0	NR
380	0	NR	510	208	NR	640	681	NR	770	14	NR	900	0	NR
385	0	NR	515	224	NR	645	616	NR	775	12	NR	905	0	NR
390	0	NR	520	239	NR	650	548	NR	780	10	NR	910	0	NR
395	0	NR	525	254	NR	655	486	NR	785	9	NR	915	0	NR
400	1	NR	530	269	NR	660	429	NR	790	8	NR	920	0	NR
405	2	NR	535	288	NR	665	375	NR	795	7	NR	925	0	NR
410	5	NR	540	311	NR	670	326	NR	800	6	NR	930	0	NR
415	10	NR	545	339	NR	675	282	NR	805	5	NR	935	0	NR
420	16	NR	550	372	NR	680	245	NR	810	4	NR	940	0	NR
425	27	NR	555	413	NR	685	210	NR	815	4	NR	945	0	NR
430	42	NR	560	466	NR	690	180	NR	820	3	NR	950	0	NR
435	63	NR	565	526	NR	695	154	NR	825	3	NR	955	0	NR
440	94	NR	570	597	NR	700	132	NR	830	2	NR	960	0	NR
445	150	NR	575	674	NR	705	113	NR	835	2	NR	965	0	NR
450	198	NR	580	756	NR	710	96	NR	840	2	NR	970	0	NR
455	162	NR	585	831	NR	715	82	NR	845	2	NR	975	0	NR
460	117	NR	590	900	NR	720	69	NR	850	1	NR	980	0	NR
465	103	NR	595	952	NR	725	59	NR	855	1	NR	985	0	NR
470	85	NR	600	987	NR	730	50	NR	860	1	NR	990	0	NR
475	76	NR	605	999	NR	735	43	NR	865	1	NR	995	0	NR
480	84	NR	610	991	NR	740	36	NR	870	1	NR	1000	0	NR
485	98	NR	615	964	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

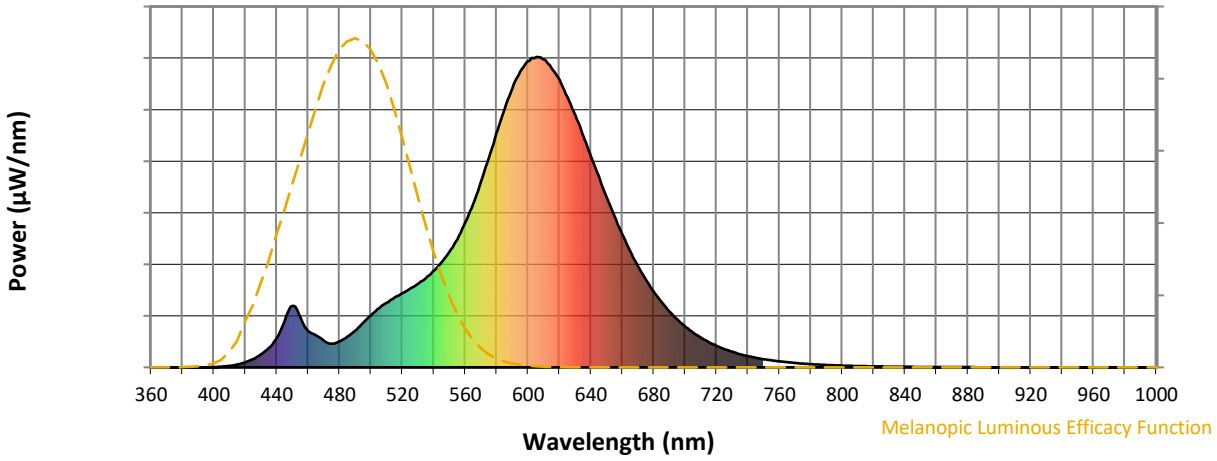


Scotopic Lumens: NR **S/P: 0.94**

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	118	NR	620	926	NR	750	26	NR	880	1	NR
365	0	NR	495	143	NR	625	872	NR	755	23	NR	885	1	NR
370	0	NR	500	167	NR	630	813	NR	760	19	NR	890	0	NR
375	0	NR	505	190	NR	635	748	NR	765	17	NR	895	0	NR
380	0	NR	510	208	NR	640	681	NR	770	14	NR	900	0	NR
385	0	NR	515	224	NR	645	616	NR	775	12	NR	905	0	NR
390	0	NR	520	239	NR	650	548	NR	780	10	NR	910	0	NR
395	0	NR	525	254	NR	655	486	NR	785	9	NR	915	0	NR
400	1	NR	530	269	NR	660	429	NR	790	8	NR	920	0	NR
405	2	NR	535	288	NR	665	375	NR	795	7	NR	925	0	NR
410	5	NR	540	311	NR	670	326	NR	800	6	NR	930	0	NR
415	10	NR	545	339	NR	675	282	NR	805	5	NR	935	0	NR
420	16	NR	550	372	NR	680	245	NR	810	4	NR	940	0	NR
425	27	NR	555	413	NR	685	210	NR	815	4	NR	945	0	NR
430	42	NR	560	466	NR	690	180	NR	820	3	NR	950	0	NR
435	63	NR	565	526	NR	695	154	NR	825	3	NR	955	0	NR
440	94	NR	570	597	NR	700	132	NR	830	2	NR	960	0	NR
445	150	NR	575	674	NR	705	113	NR	835	2	NR	965	0	NR
450	198	NR	580	756	NR	710	96	NR	840	2	NR	970	0	NR
455	162	NR	585	831	NR	715	82	NR	845	2	NR	975	0	NR
460	117	NR	590	900	NR	720	69	NR	850	1	NR	980	0	NR
465	103	NR	595	952	NR	725	59	NR	855	1	NR	985	0	NR
470	85	NR	600	987	NR	730	50	NR	860	1	NR	990	0	NR
475	76	NR	605	999	NR	735	43	NR	865	1	NR	995	0	NR
480	84	NR	610	991	NR	740	36	NR	870	1	NR	1000	0	NR
485	98	NR	615	964	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.65**

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	118	NR	620	926	NR	750	26	NR	880	1	NR
365	0	NR	495	143	NR	625	872	NR	755	23	NR	885	1	NR
370	0	NR	500	167	NR	630	813	NR	760	19	NR	890	0	NR
375	0	NR	505	190	NR	635	748	NR	765	17	NR	895	0	NR
380	0	NR	510	208	NR	640	681	NR	770	14	NR	900	0	NR
385	0	NR	515	224	NR	645	616	NR	775	12	NR	905	0	NR
390	0	NR	520	239	NR	650	548	NR	780	10	NR	910	0	NR
395	0	NR	525	254	NR	655	486	NR	785	9	NR	915	0	NR
400	1	NR	530	269	NR	660	429	NR	790	8	NR	920	0	NR
405	2	NR	535	288	NR	665	375	NR	795	7	NR	925	0	NR
410	5	NR	540	311	NR	670	326	NR	800	6	NR	930	0	NR
415	10	NR	545	339	NR	675	282	NR	805	5	NR	935	0	NR
420	16	NR	550	372	NR	680	245	NR	810	4	NR	940	0	NR
425	27	NR	555	413	NR	685	210	NR	815	4	NR	945	0	NR
430	42	NR	560	466	NR	690	180	NR	820	3	NR	950	0	NR
435	63	NR	565	526	NR	695	154	NR	825	3	NR	955	0	NR
440	94	NR	570	597	NR	700	132	NR	830	2	NR	960	0	NR
445	150	NR	575	674	NR	705	113	NR	835	2	NR	965	0	NR
450	198	NR	580	756	NR	710	96	NR	840	2	NR	970	0	NR
455	162	NR	585	831	NR	715	82	NR	845	2	NR	975	0	NR
460	117	NR	590	900	NR	720	69	NR	850	1	NR	980	0	NR
465	103	NR	595	952	NR	725	59	NR	855	1	NR	985	0	NR
470	85	NR	600	987	NR	730	50	NR	860	1	NR	990	0	NR
475	76	NR	605	999	NR	735	43	NR	865	1	NR	995	0	NR
480	84	NR	610	991	NR	740	36	NR	870	1	NR	1000	0	NR
485	98	NR	615	964	NR	745	31	NR	875	1	NR			

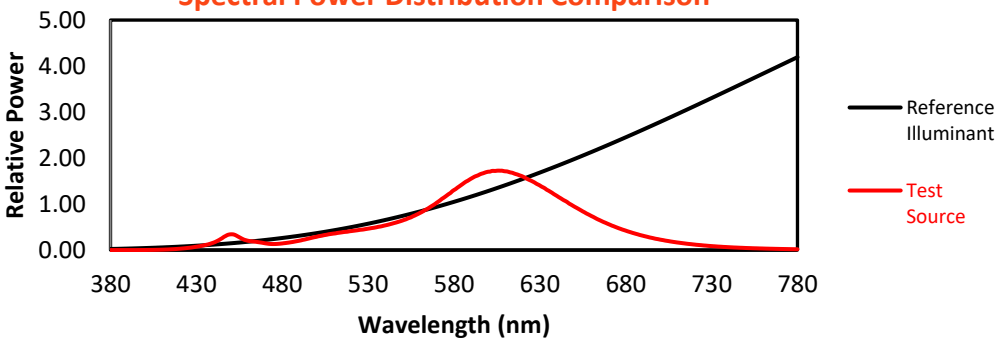
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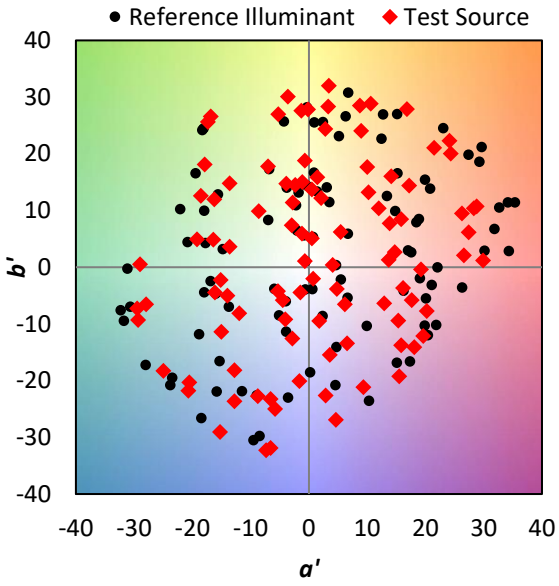
Summary

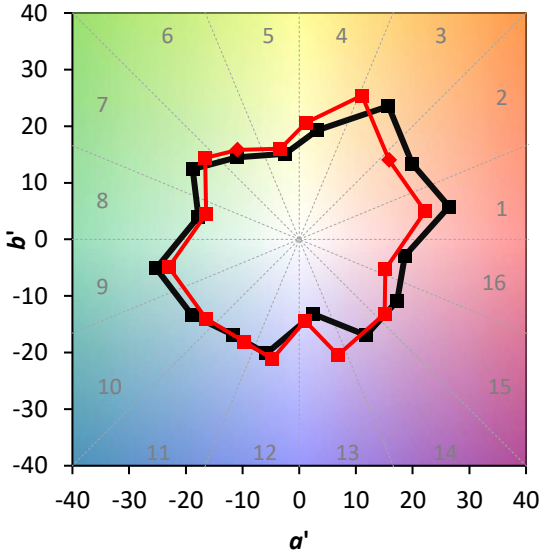
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

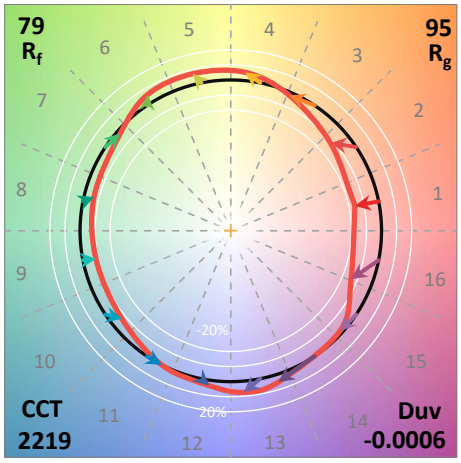
Spectral Power Distribution Comparison

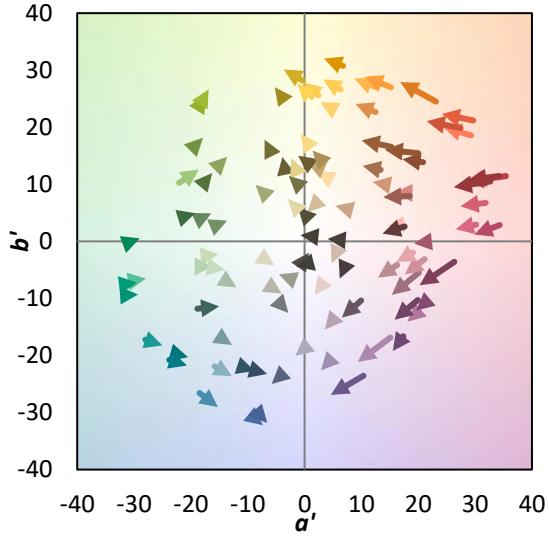


Color Vector Graphics







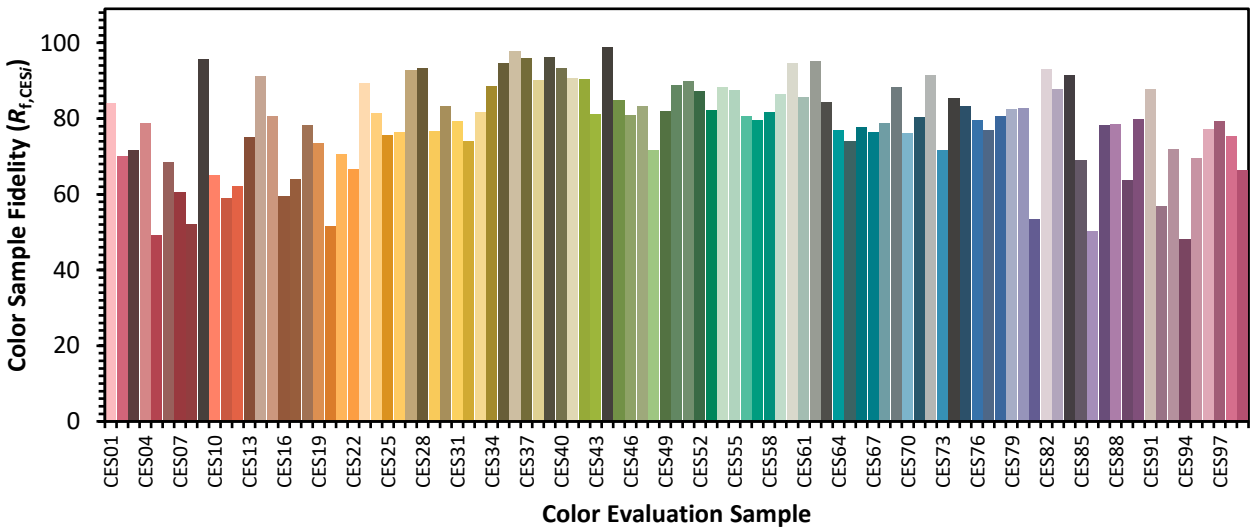


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Individual Sample Fidelity Index ($R_{f,i}$)

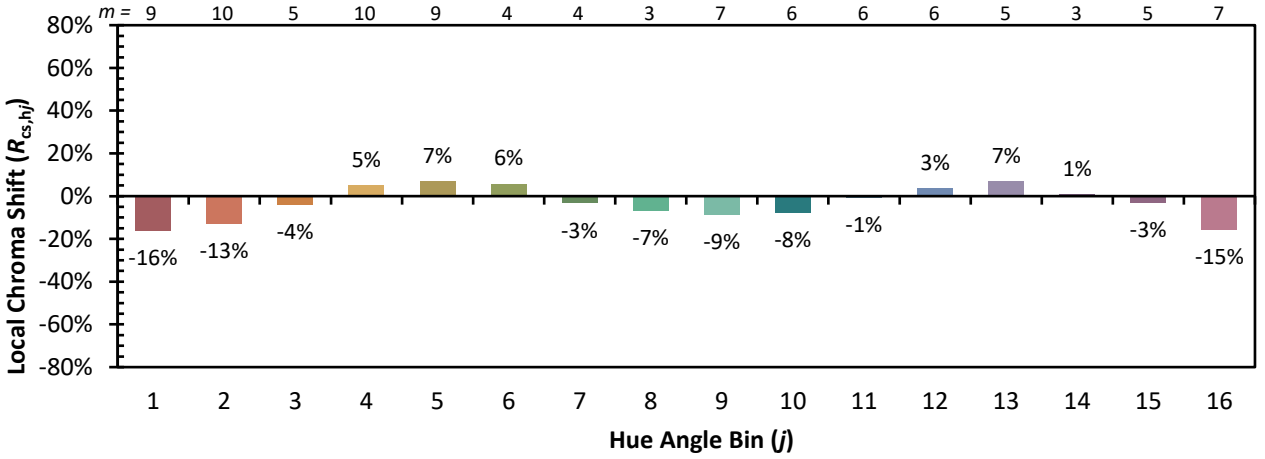
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82 = 93
CES08 = 42	CES33 = 82	CES58 = 82	CES83 = 88
CES09 = 29	CES34 = 89	CES59 = 87	CES84 = 91
CES10 = 79	CES35 = 95	CES60 = 95	CES85 = 69
CES11 = 62	CES36 = 98	CES61 = 86	CES86 = 50
CES12 = 68	CES37 = 96	CES62 = 95	CES87 = 78
CES13 = 45	CES38 = 90	CES63 = 84	CES88 = 79
CES14 = 75	CES39 = 96	CES64 = 77	CES89 = 64
CES15 = 72	CES40 = 93	CES65 = 74	CES90 = 80
CES16 = 49	CES41 = 91	CES66 = 78	CES91 = 88
CES17 = 51	CES42 = 90	CES67 = 77	CES92 = 57
CES18 = 57	CES43 = 81	CES68 = 79	CES93 = 72
CES19 = 74	CES44 = 99	CES69 = 88	CES94 = 48
CES20 = 68	CES45 = 85	CES70 = 76	CES95 = 70
CES21 = 88	CES46 = 81	CES71 = 80	CES96 = 77
CES22 = 81	CES47 = 83	CES72 = 91	CES97 = 79
CES23 = 92	CES48 = 72	CES73 = 72	CES98 = 75
CES24 = 92	CES49 = 82	CES74 = 85	CES99 = 66
CES25 = 73	CES50 = 89	CES75 = 83	

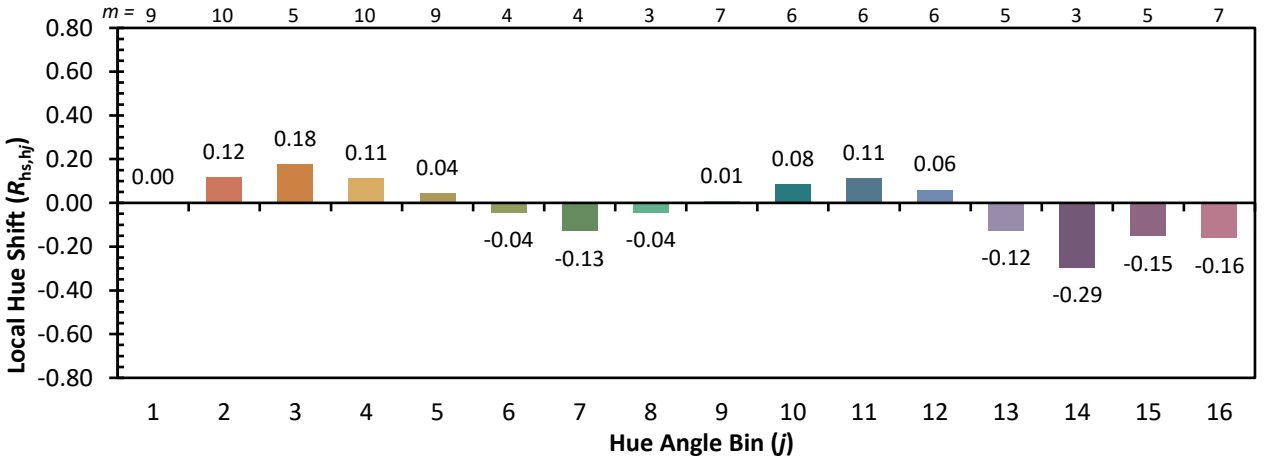


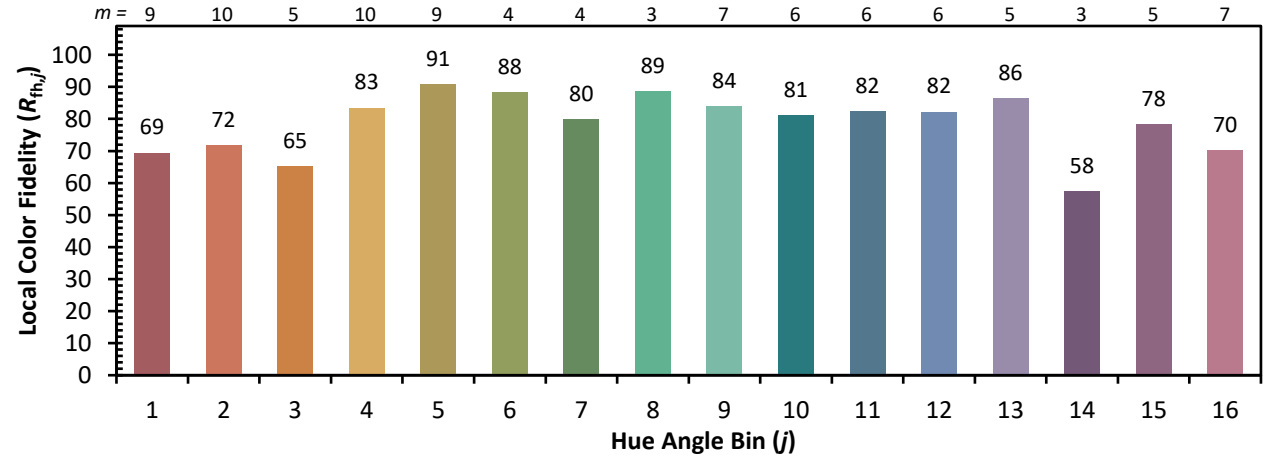
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Color Rendition by Hue-Angle Bin



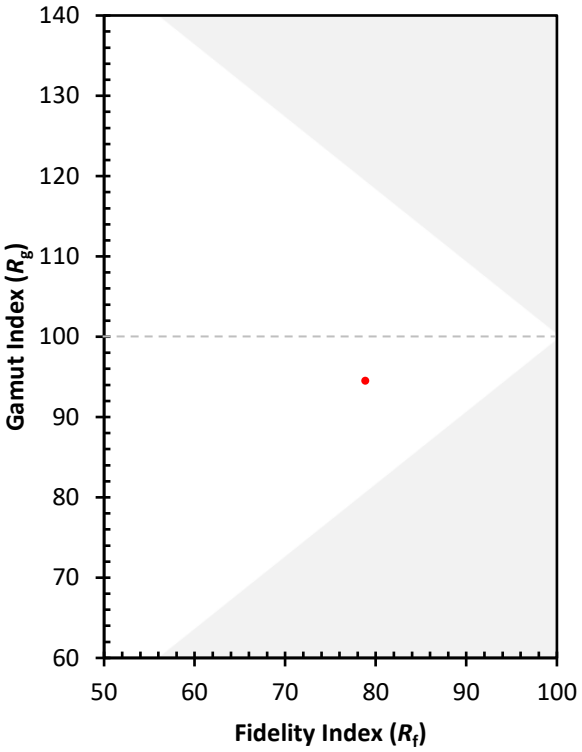


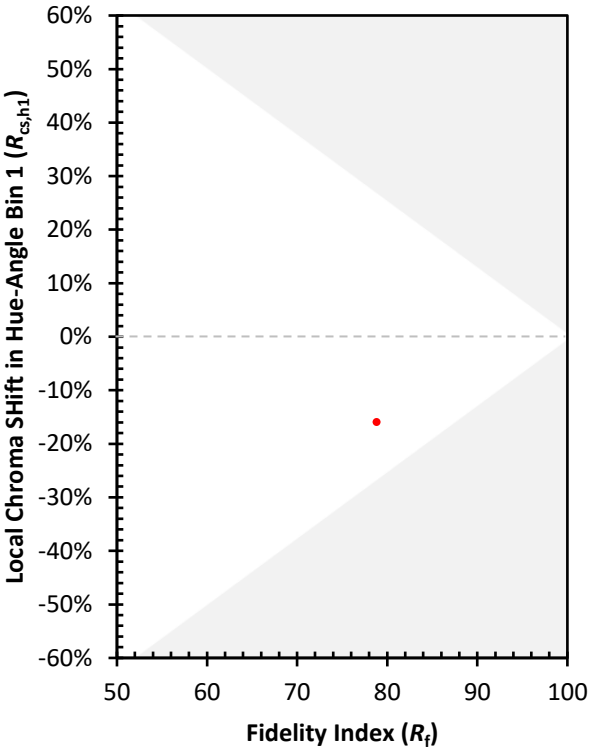


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Measure Comparisons





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