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: P981048

Luminaire Tested: **FFX-CLB-80-722-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:	P981048
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-80-722-U-FR-T5
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS
Light Source:	(6) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10724.1 lumens
Efficiency:	N/A
Efficacy:	131.1 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B4 - U5 - G3

Input Watts (W):	81.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.01%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

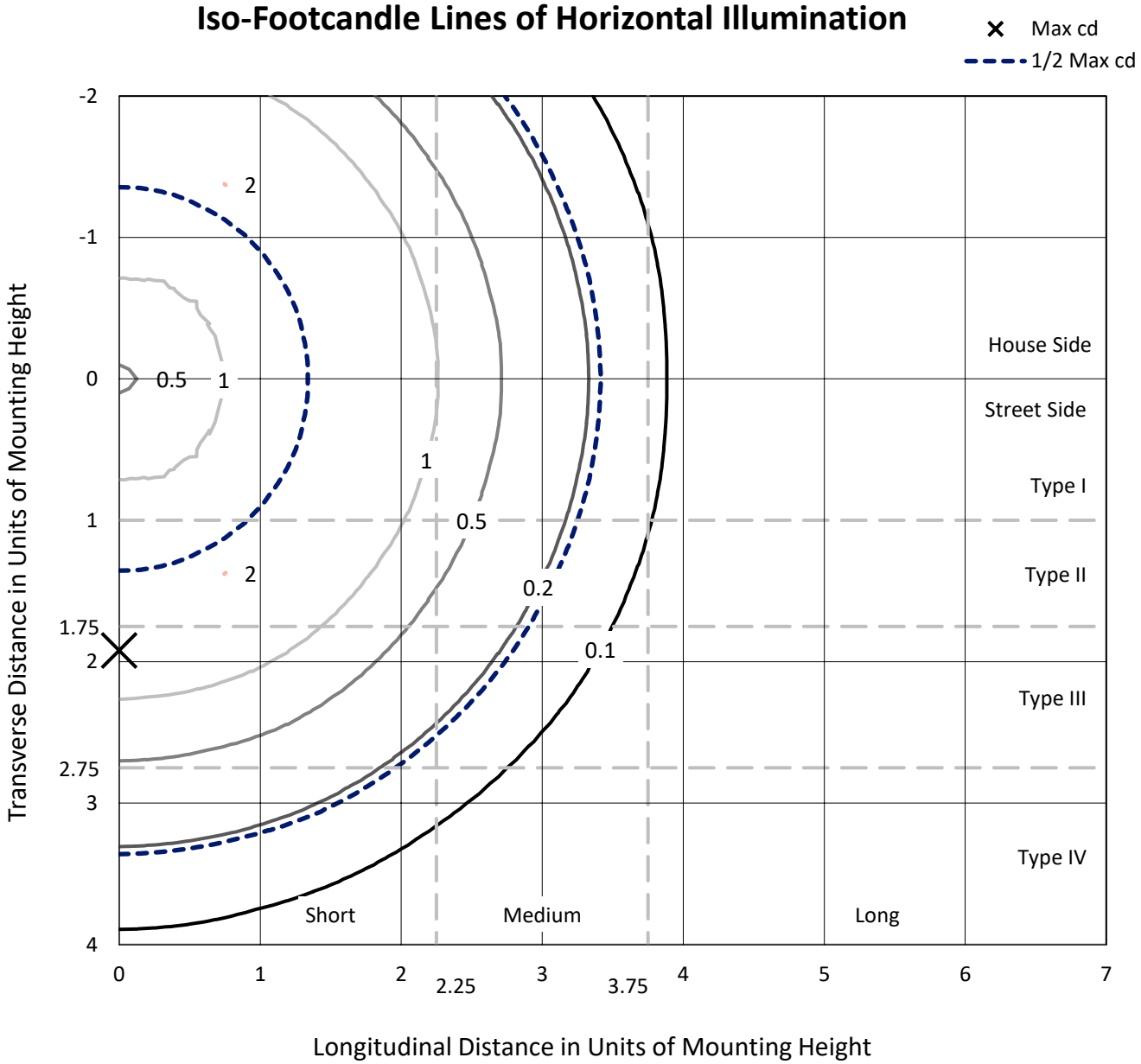


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REPORT NUMBER: P981048
CATALOG NUMBER: FFX-CLB-80-722-U-FR-T5

Iso-Footcandle Lines of Horizontal Illumination



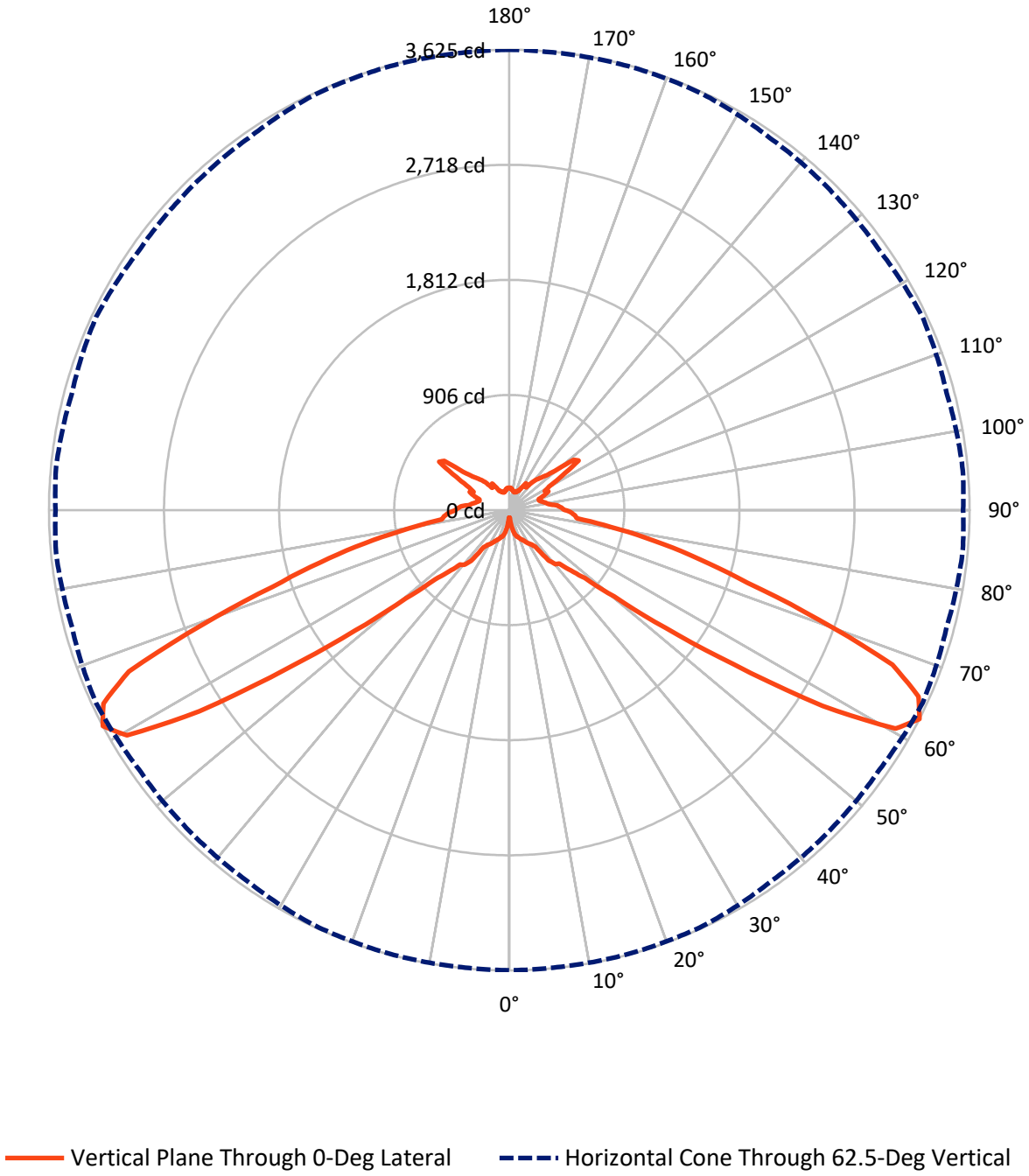
Based on 15 foot mounting height. Maximum calculated value = 2 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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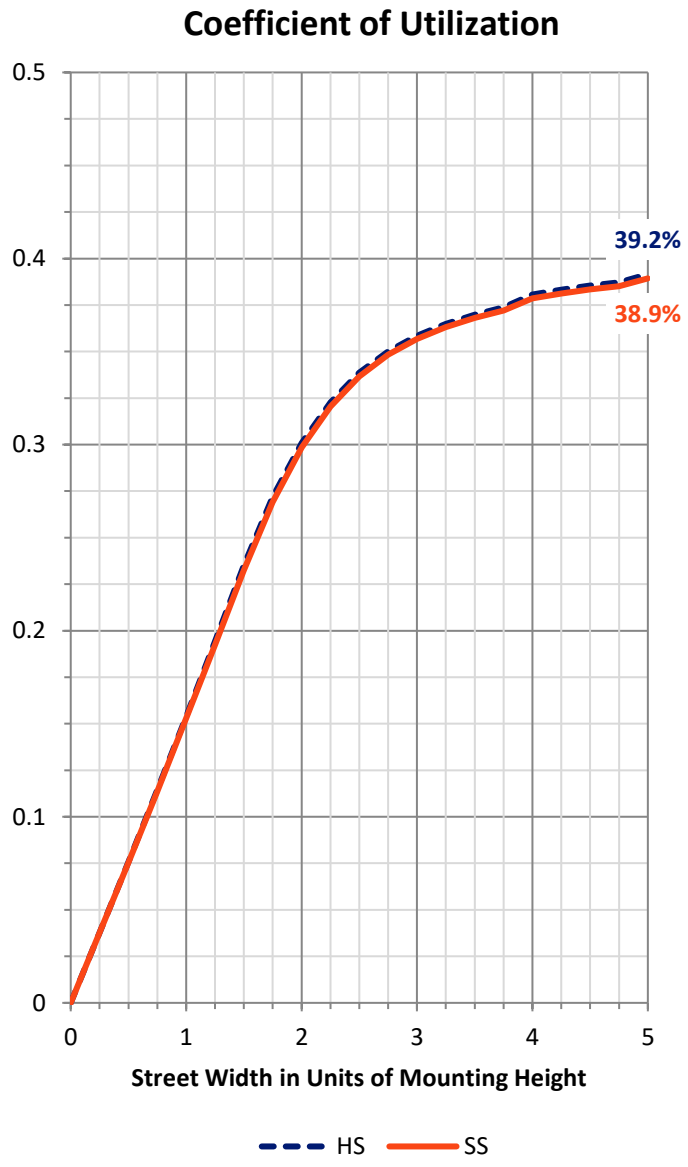
REPORT NUMBER: P981048
CATALOG NUMBER: FFX-CLB-80-722-U-FR-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4342.9	1019.1	5362.1
	% Fixture	40.5	9.5	50.0
Street Side	Lumens	4342.9	1019.1	5362.1
	% Fixture	40.5	9.5	50.0
Total	Lumens	8685.9	2038.2	10724.1
	% Fixture	81.0	19.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.1	0.1
10°-20°	59.6	0.6
20°-30°	126.7	1.2
30°-40°	256.1	2.4
40°-50°	572.3	5.3
50°-60°	2018.3	18.8
60°-70°	3303.2	30.8
70°-80°	1699.3	15.8
80°-90°	639.4	6.0
90°-100°	411.5	3.8
100°-110°	274.4	2.6
110°-120°	294.7	2.7
120°-130°	482.3	4.5
130°-140°	288.6	2.7
140°-150°	150.0	1.4
150°-160°	78.4	0.7
160°-170°	42.4	0.4
170°-180°	15.9	0.1
0°-90°	8685.9	81.0
0°-180°	10724.1	100.0



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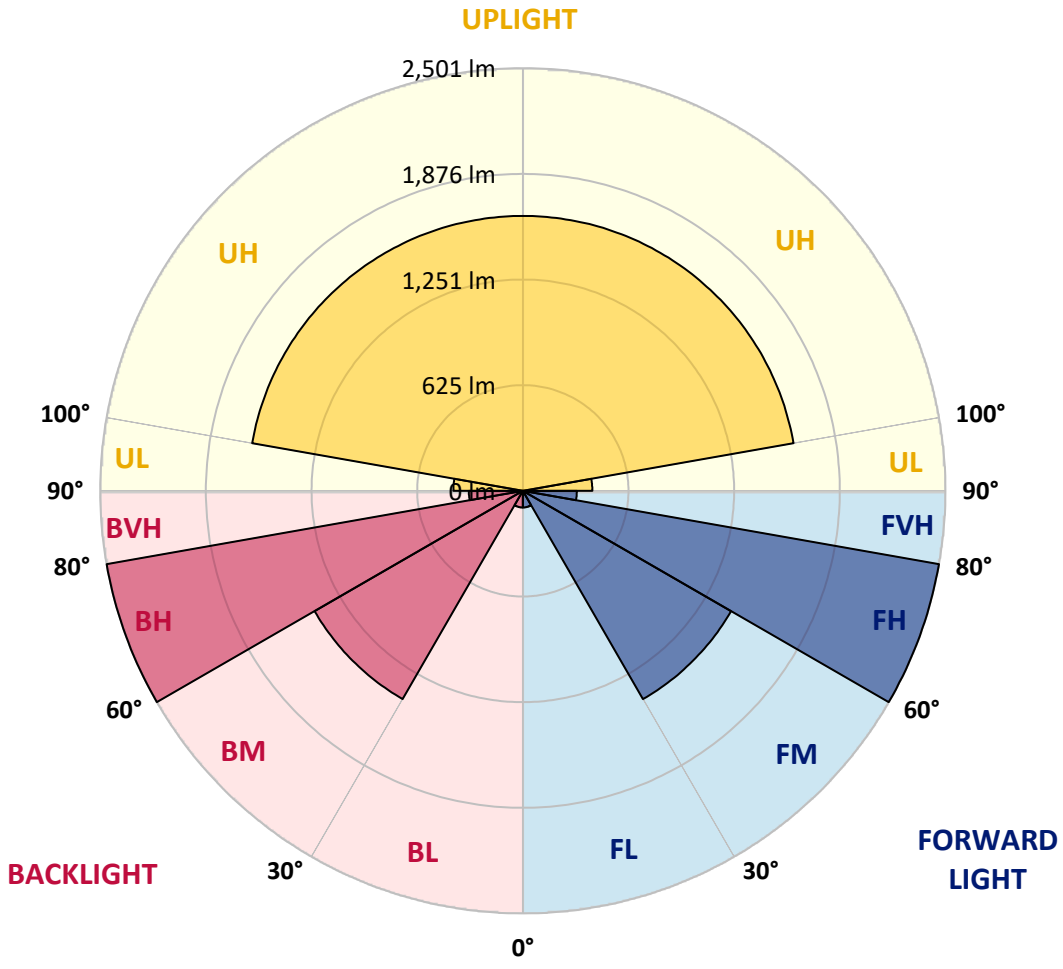
Scaled Data Report

REPORT NUMBER: P981048
CATALOG NUMBER: FFX-CLB-80-722-U-FR-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	98.7	0.9			
FM	(30°-60°)	1423.4	13.3			
FH	(60°-80°)	2501.2	23.3			G2/5000
FVH	(80°-90°)	319.7	3.0			G3/500
BL	(0°-30°)	98.7	0.9	B0/110		
BM	(30°-60°)	1423.4	13.3	B2/2500		
BH	(60°-80°)	2501.2	23.3	B4/5000		G2/5000
BVH	(80°-90°)	319.7	3.0			G3/500
UL	(90°-100°)	411.5	3.8		U3/500	
UH	(100°-180°)	1626.8	15.2		U5	

BUG Rating: B4-U5-G3
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
2.5°	61.1	61.8	63.8	65.2	65.9	64.5	65.2	66.6	66.6	67.3	67.3
5°	90.6	91.3	90.6	89.9	89.2	90.6	91.3	90.6	88.6	89.2	88.6
7.5°	133.9	133.9	128.4	127.0	125.6	131.8	135.2	133.9	127.0	120.8	119.4
10°	164.7	164.1	159.3	153.1	152.4	156.5	165.4	167.5	156.5	149.0	147.6
12.5°	195.6	190.8	188.1	181.9	182.6	185.3	191.5	192.2	184.7	178.5	174.4
15°	214.2	214.9	214.9	211.4	210.1	212.8	215.5	217.6	212.1	207.3	204.6
17.5°	222.4	223.1	225.2	227.2	227.2	225.8	225.8	226.5	226.5	226.5	225.8
20°	239.6	240.3	239.6	240.9	243.0	241.6	239.6	240.3	239.6	240.3	239.6
22.5°	253.3	252.6	252.6	254.7	256.0	255.4	253.3	254.0	252.6	253.3	253.3
25°	267.7	268.4	269.8	270.5	271.2	271.2	270.5	271.8	271.2	269.8	269.8
27.5°	287.6	287.6	287.6	287.6	290.4	290.4	289.0	289.7	287.6	286.3	285.6
30°	306.8	307.5	306.2	307.5	310.3	308.9	308.2	309.6	306.8	306.2	306.2
32.5°	324.7	324.7	324.0	328.1	328.8	327.4	329.5	330.9	332.2	331.6	335.0
35°	354.9	356.3	367.9	378.2	381.7	381.0	383.7	385.1	382.4	382.4	380.3
37.5°	501.1	500.4	484.0	468.2	475.7	485.3	475.7	473.0	467.5	464.7	463.4
40°	559.5	559.5	544.4	545.7	540.2	540.9	544.4	555.3	549.2	538.2	538.9
42.5°	577.3	582.8	600.6	632.9	621.2	602.7	580.7	588.3	604.1	613.7	615.8
45°	678.9	686.5	687.8	686.5	681.0	688.5	683.0	687.1	689.2	701.6	707.1
47.5°	798.3	795.6	796.3	813.5	807.3	812.1	822.4	821.0	829.9	828.6	833.4
50°	1070.2	1077.7	1066.8	1088.7	1094.2	1086.0	1125.8	1125.8	1129.9	1112.1	1114.1
52.5°	1538.3	1520.5	1520.5	1526.0	1527.4	1552.8	1580.9	1580.2	1590.5	1580.9	1602.2
55°	2141.1	2136.9	2145.9	2209.7	2216.6	2194.6	2200.8	2172.6	2263.2	2239.9	2257.1
57.5°	2907.8	2918.1	2906.5	2907.1	2901.7	2895.5	2929.8	2871.4	2915.4	2866.0	2867.3
60°	3494.8	3481.0	3442.6	3367.1	3360.9	3383.5	3422.0	3424.0	3380.1	3352.7	3329.3
62.5°	3624.5	3619.7	3618.3	3612.1	3577.1	3567.5	3560.0	3590.9	3564.8	3584.7	3573.0
65°	3541.4	3520.8	3539.4	3568.9	3546.2	3501.6	3463.2	3516.7	3499.6	3573.7	3535.3
67.5°	3253.8	3234.6	3227.0	3285.4	3257.2	3186.5	3160.4	3172.8	3152.9	3234.6	3219.5
70°	2582.5	2583.1	2598.2	2673.7	2645.6	2593.4	2561.9	2570.1	2590.0	2658.6	2639.4
72.5°	1959.1	1955.0	1972.9	1992.1	1993.5	1989.4	1981.1	1987.3	1999.0	2036.7	2046.3
75°	1545.9	1544.5	1515.7	1526.0	1521.9	1540.4	1567.9	1563.7	1569.9	1541.1	1532.9
77.5°	1169.7	1171.1	1160.1	1155.3	1151.2	1181.4	1225.3	1227.4	1197.9	1176.6	1167.7
80°	809.3	814.8	847.8	848.5	854.6	854.6	889.6	885.5	875.2	874.5	874.5
82.5°	536.8	546.4	580.1	618.5	624.7	617.1	636.3	641.8	654.9	664.5	667.2
85°	516.2	533.4	522.4	538.9	539.6	544.4	551.9	554.7	553.3	555.3	551.2
87.5°	483.3	504.5	501.8	512.8	515.5	523.1	531.3	534.7	527.9	522.4	521.0
90°	429.0	448.9	458.6	467.5	470.2	468.2	473.7	475.0	474.3	468.2	466.8
92.5°	406.4	413.9	419.4	426.3	434.5	429.7	433.2	429.7	435.2	433.8	435.2
95°	377.6	380.3	376.9	381.0	382.4	377.6	376.9	376.9	374.1	370.7	372.1
97.5°	319.2	324.0	322.6	322.6	323.3	321.3	321.9	321.3	322.6	320.6	319.9
100°	297.9	297.9	296.5	295.9	295.2	293.1	292.4	290.4	290.4	288.3	286.9
102.5°	276.0	278.0	276.0	275.3	275.3	271.8	272.5	272.5	271.2	270.5	267.0
105°	260.2	259.5	258.1	255.4	252.6	252.6	254.0	253.3	251.2	250.6	247.8
107.5°	245.8	244.4	242.3	238.2	236.8	237.5	239.6	240.3	239.6	236.8	234.8
110°	248.5	246.4	243.0	241.6	243.7	245.1	245.8	247.1	251.2	252.6	249.9

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CATALOG NUMBER: FFX-CLB-80-722-U-FR-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*299.3*	295.9	293.8	284.9	291.7	293.1	291.7	292.4	294.5	291.7	293.1
115°	*341.9*	345.3	346.0	318.5	319.2	315.1	311.0	309.6	303.4	308.2	324.0
117.5°	*315.8*	326.8	302.7	290.4	282.8	280.1	286.9	288.3	282.1	289.7	312.3
120°	*362.4*	367.3	317.8	293.8	293.1	304.8	323.3	328.8	321.9	336.4	362.4
122.5°	*492.2*	488.8	484.0	488.1	477.1	476.4	491.5	489.4	470.9	473.0	479.1
125°	*670.7*	669.3	660.4	651.4	643.9	648.0	641.8	634.3	620.6	618.5	618.5
127.5°	*641.8*	641.8	635.7	630.9	623.3	624.0	623.3	609.6	604.1	604.8	604.8
130°	*472.3*	473.0	492.2	509.4	504.5	506.6	494.2	490.1	508.0	524.5	524.5
132.5°	*400.2*	401.6	422.9	435.9	429.0	415.3	402.3	403.6	414.6	431.1	430.4
135°	*357.6*	360.4	361.8	360.4	356.3	352.8	352.2	355.6	358.3	370.0	372.7
137.5°	*324.0*	321.9	315.1	308.9	304.1	313.0	318.5	317.1	314.4	312.3	313.7
140°	*284.9*	282.1	272.5	271.2	273.9	278.0	279.4	280.8	281.4	280.1	279.4
142.5°	*222.4*	224.5	233.4	244.4	245.1	238.2	238.9	238.9	241.6	245.1	243.7
145°	*223.1*	224.5	227.9	236.1	236.1	230.6	228.6	230.6	236.8	243.7	243.7
147.5°	*248.5*	246.4	241.6	239.6	237.5	236.8	236.8	232.0	232.7	232.7	232.7
150°	*211.4*	210.7	208.0	206.6	205.9	205.3	208.7	208.0	209.4	208.0	207.3
152.5°	*174.4*	173.7	170.9	168.9	169.6	173.7	179.2	181.2	179.9	177.1	175.7
155°	*165.4*	166.1	162.0	160.6	161.3	163.4	164.7	164.7	162.0	158.6	158.6
157.5°	*156.5*	157.2	155.1	153.8	154.5	155.8	157.9	158.6	156.5	153.8	153.1
160°	*149.6*	149.0	148.3	148.3	148.3	148.3	149.0	149.6	149.0	148.3	147.6
162.5°	*146.2*	146.2	146.2	146.2	146.9	146.2	146.2	146.2	146.2	146.2	146.2
165°	*145.5*	145.5	146.2	147.6	148.3	147.6	147.6	147.6	148.3	149.6	149.6
167.5°	*151.7*	151.0	153.1	153.8	154.5	153.8	153.1	152.4	153.1	154.5	154.5
170°	*158.6*	159.3	159.3	159.9	159.9	159.3	158.6	159.3	158.6	159.3	159.3
172.5°	*165.4*	165.4	165.4	164.7	164.7	164.7	164.7	164.7	164.7	164.1	164.1
175°	*170.9*	170.9	170.9	170.9	170.2	170.9	171.6	171.6	170.9	170.9	169.6
177.5°	*175.7*	175.7	175.7	175.7	175.7	175.7	175.7	175.0	175.0	175.0	174.4
180°	*176.4*	176.4	176.4	176.4	176.4	176.4	176.4	176.4	176.4	176.4	176.4

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: SP1-2501-332-2

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

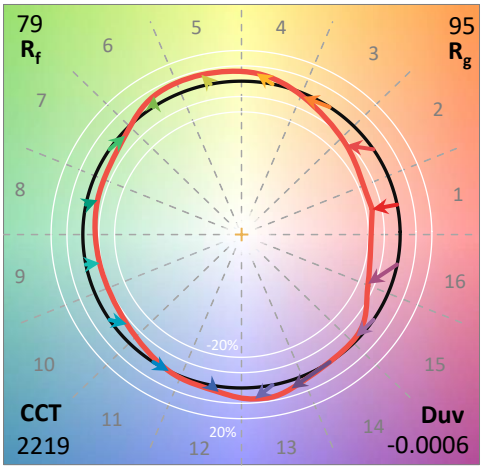
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

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

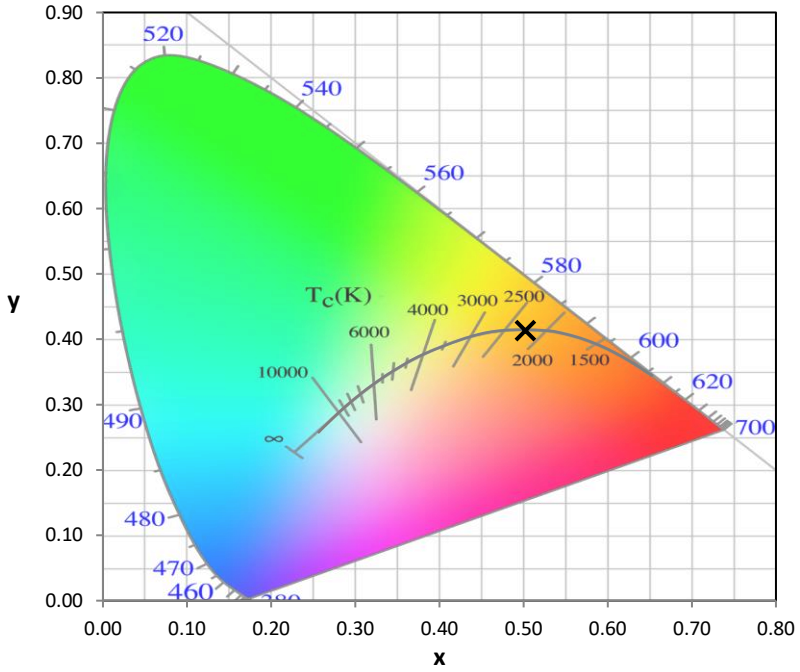
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

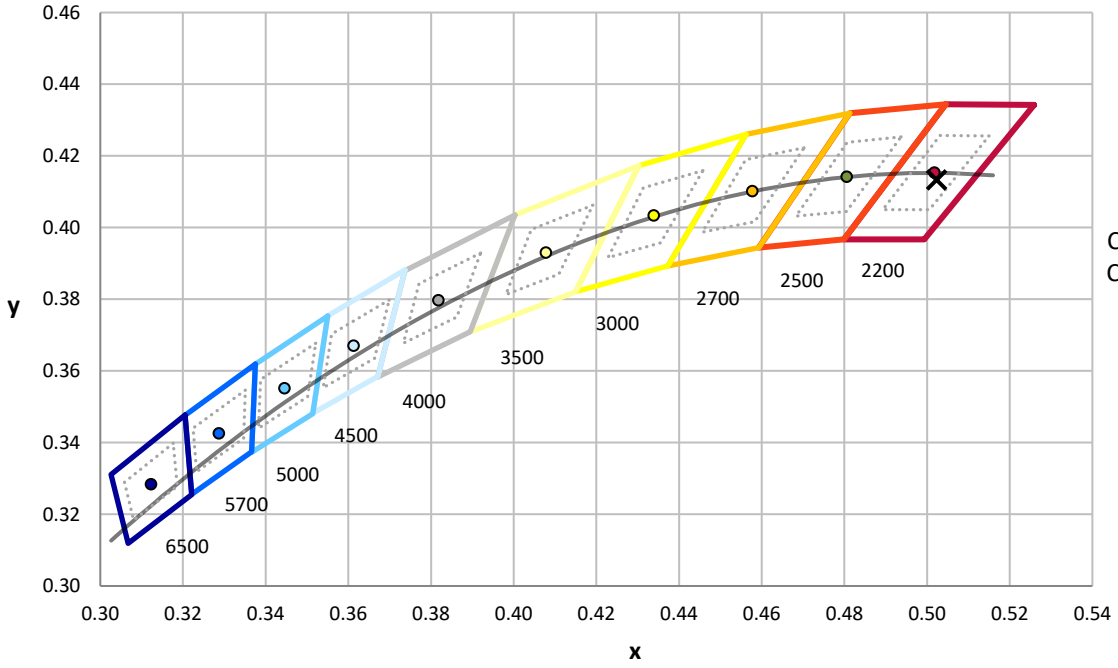
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

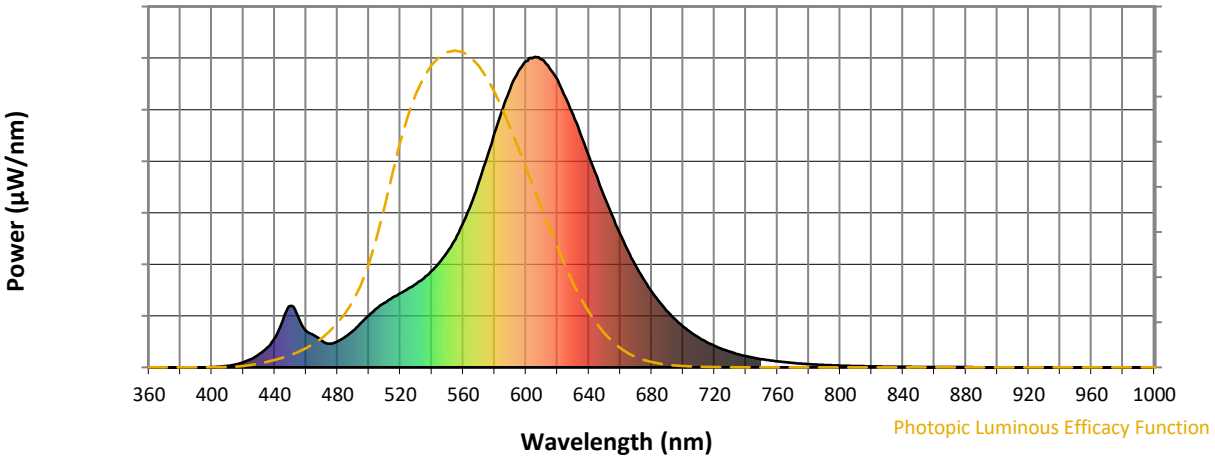


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

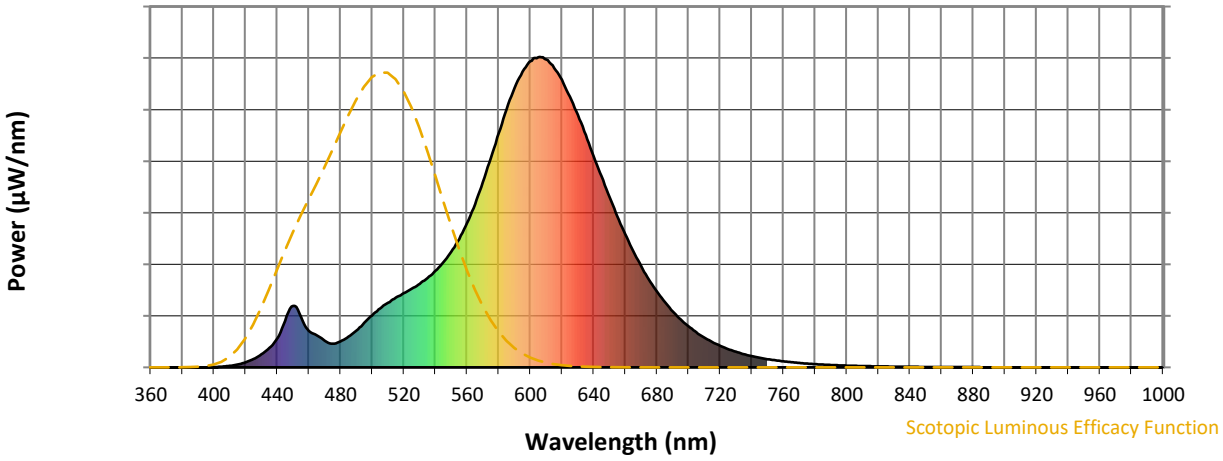


Photopic Lumens: NR

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

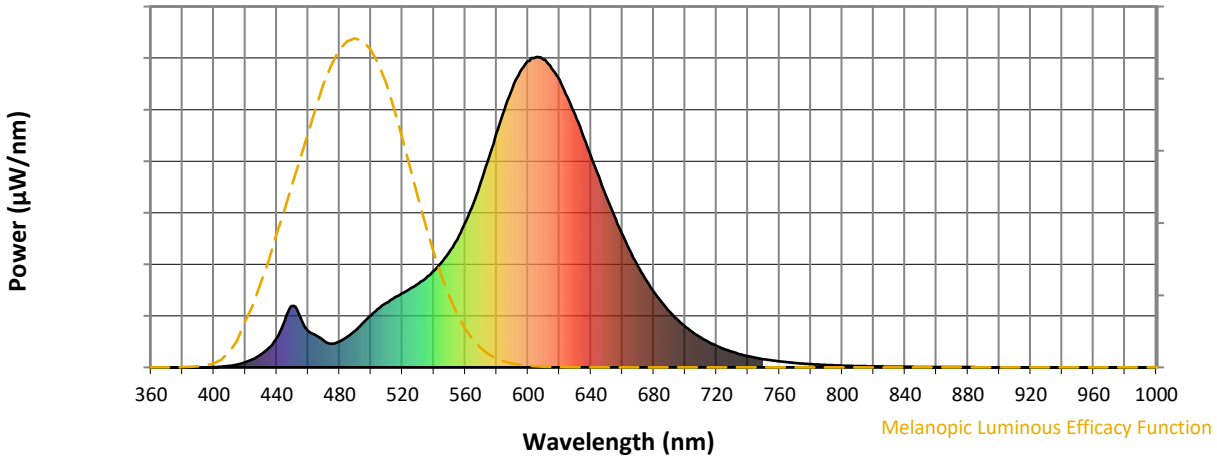


Scotopic Lumens: NR **S/P: 0.94**

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			

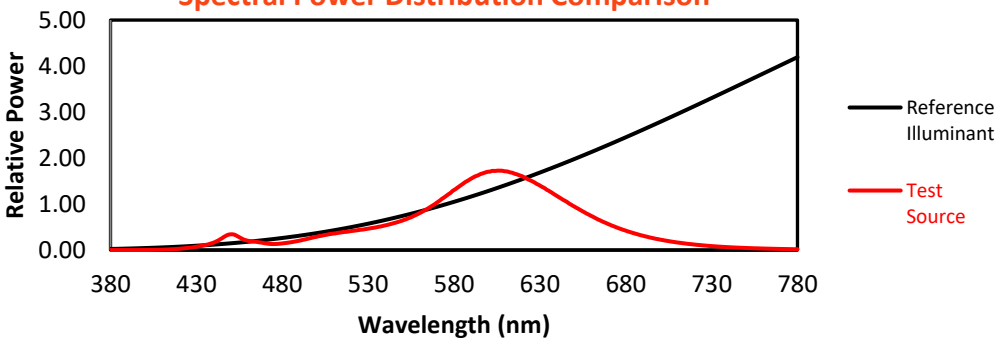
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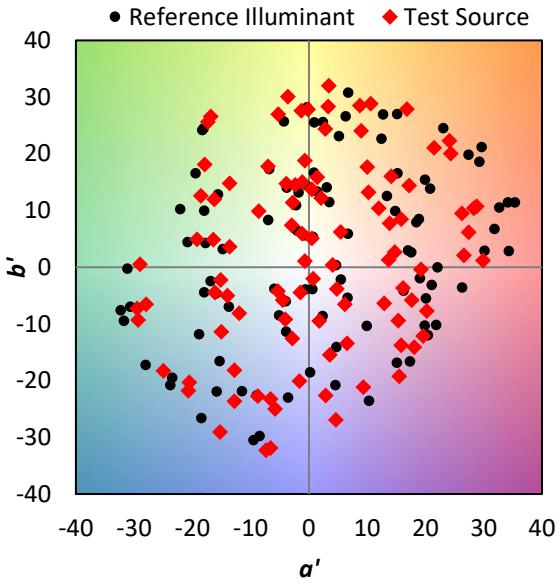
Summary

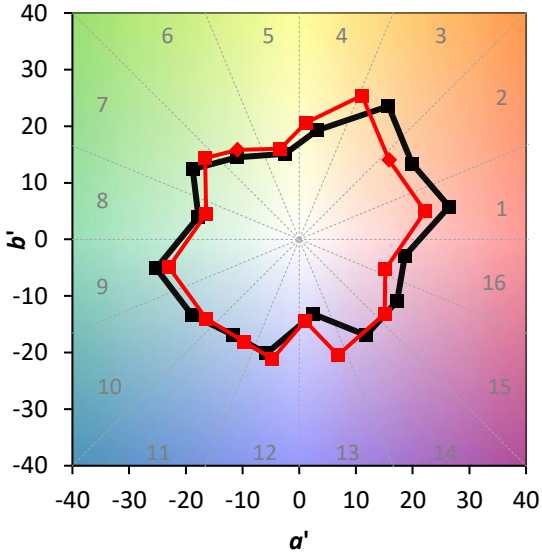
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

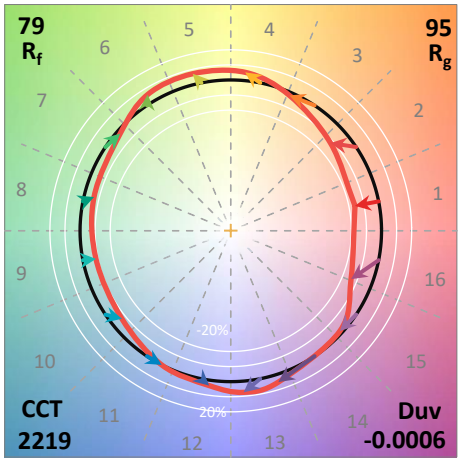
Spectral Power Distribution Comparison

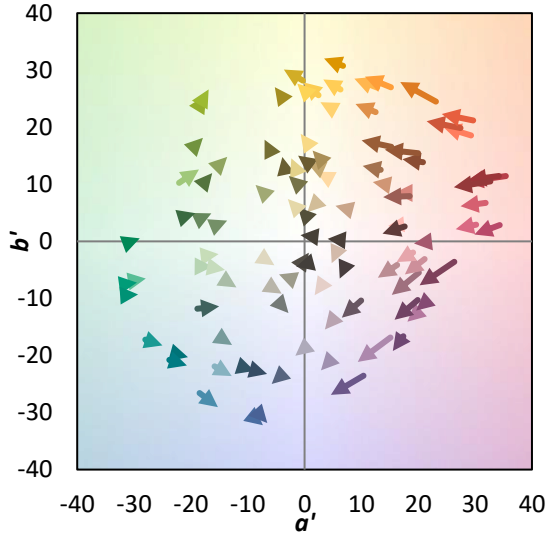


Color Vector Graphics







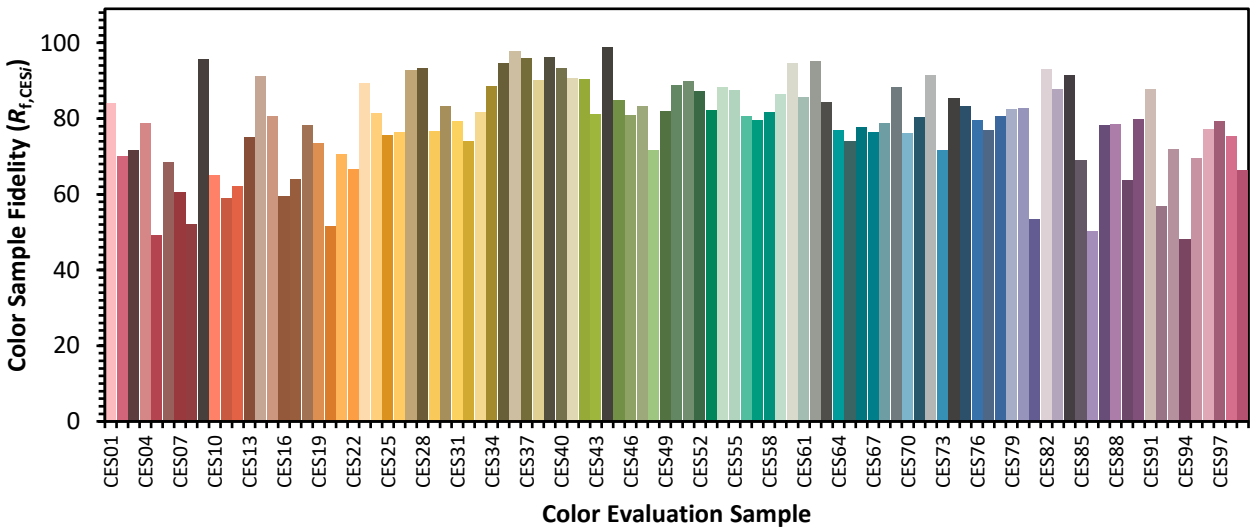


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Individual Sample Fidelity Index ($R_{f,i}$)

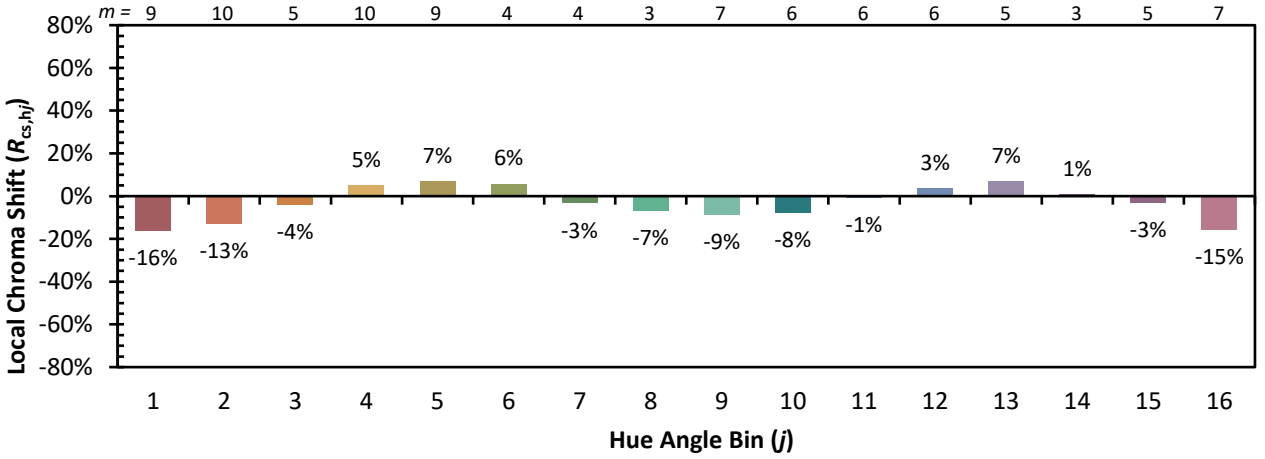
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82 = 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	

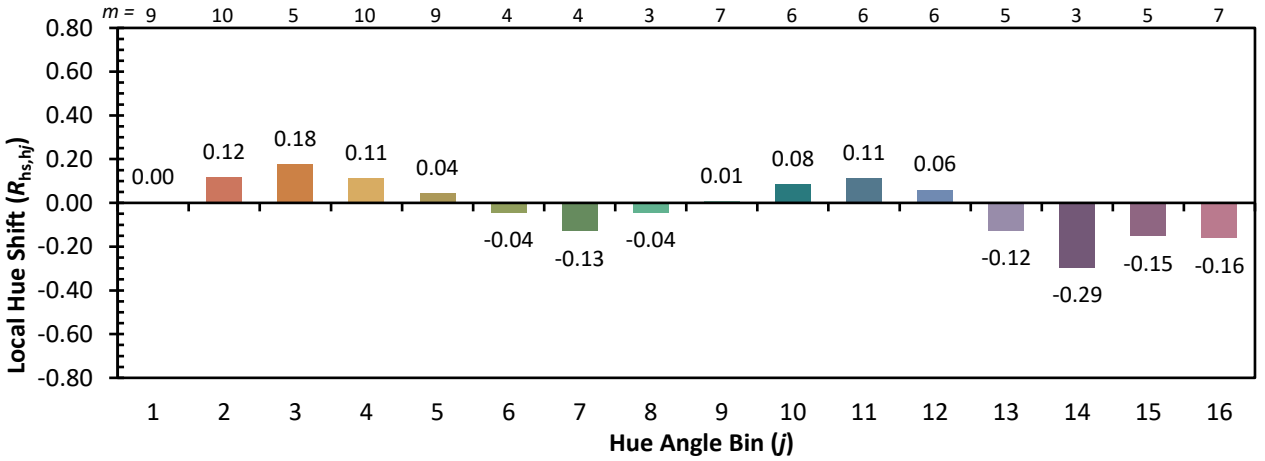


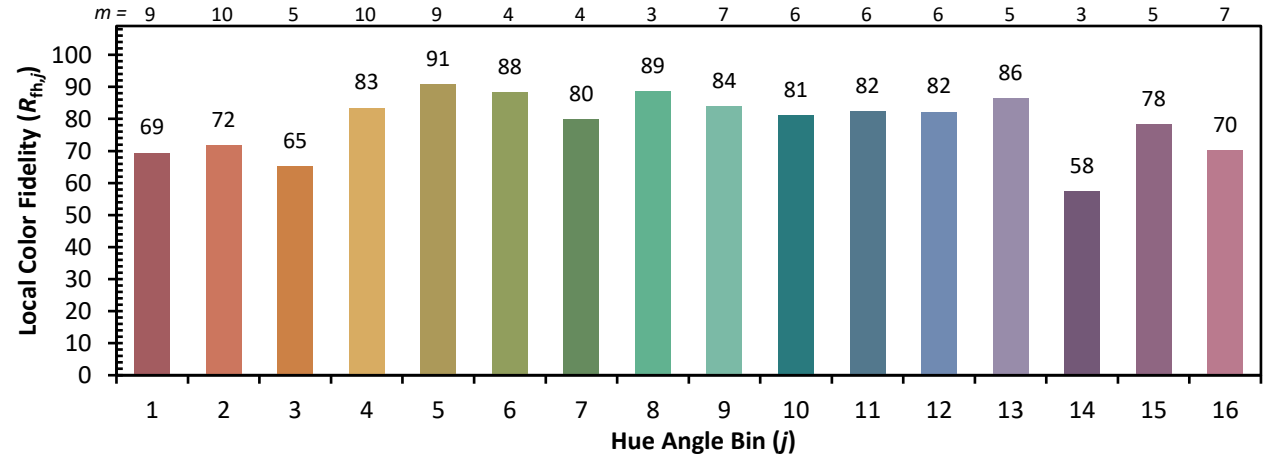
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Color Rendition by Hue-Angle Bin



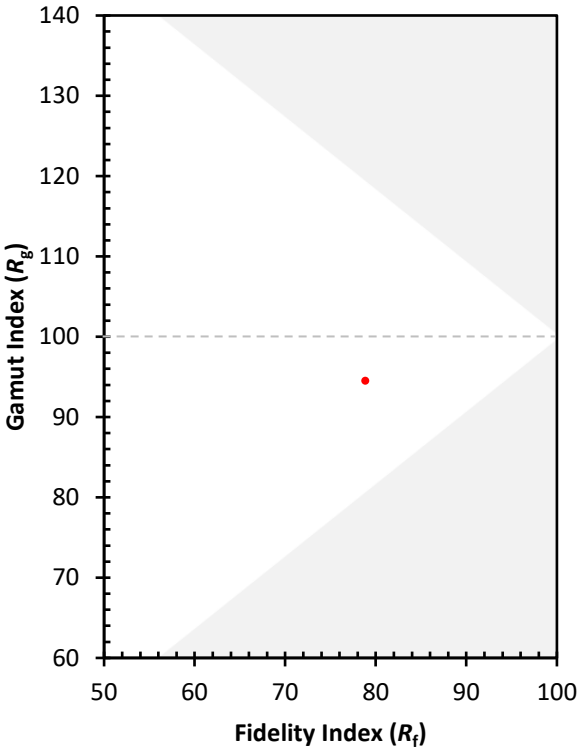


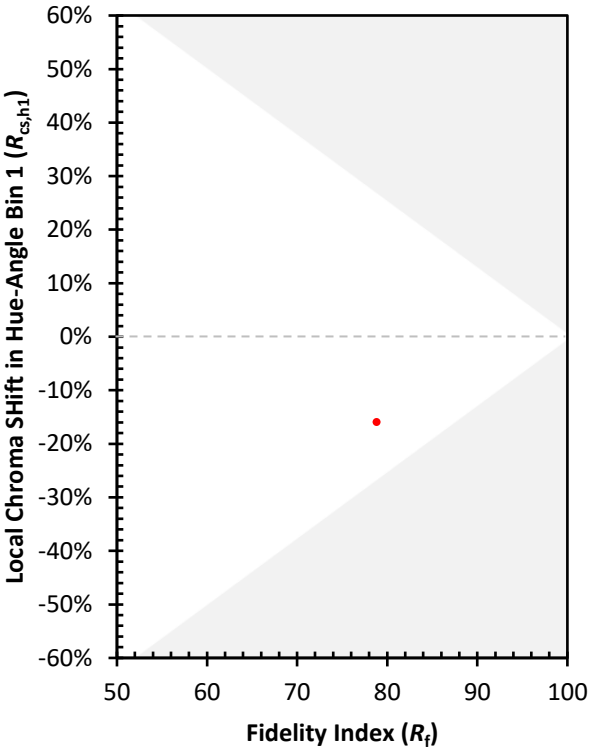


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Measure Comparisons





(END OF REPORT)