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: P981231

Luminaire Tested: **FFX-CLB-50-722-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:	P981231
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-50-722-U-VM8-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source:	(6) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6942.3 lumens
Efficiency:	N/A
Efficacy:	137.2 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B2 - U5 - G3

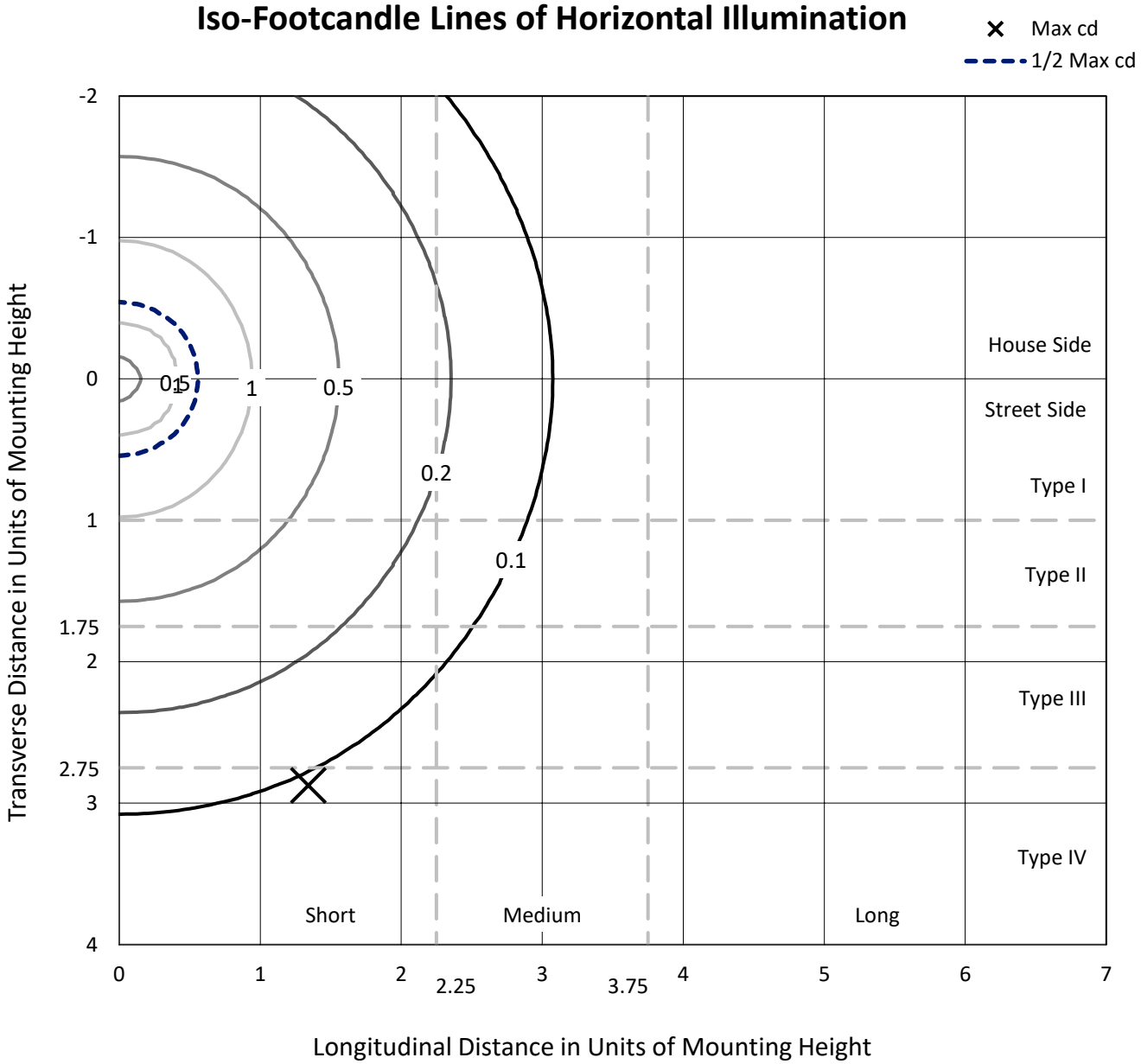
Input Watts (W):	50.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.12%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P981231
CATALOG NUMBER: FFX-CLB-50-722-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



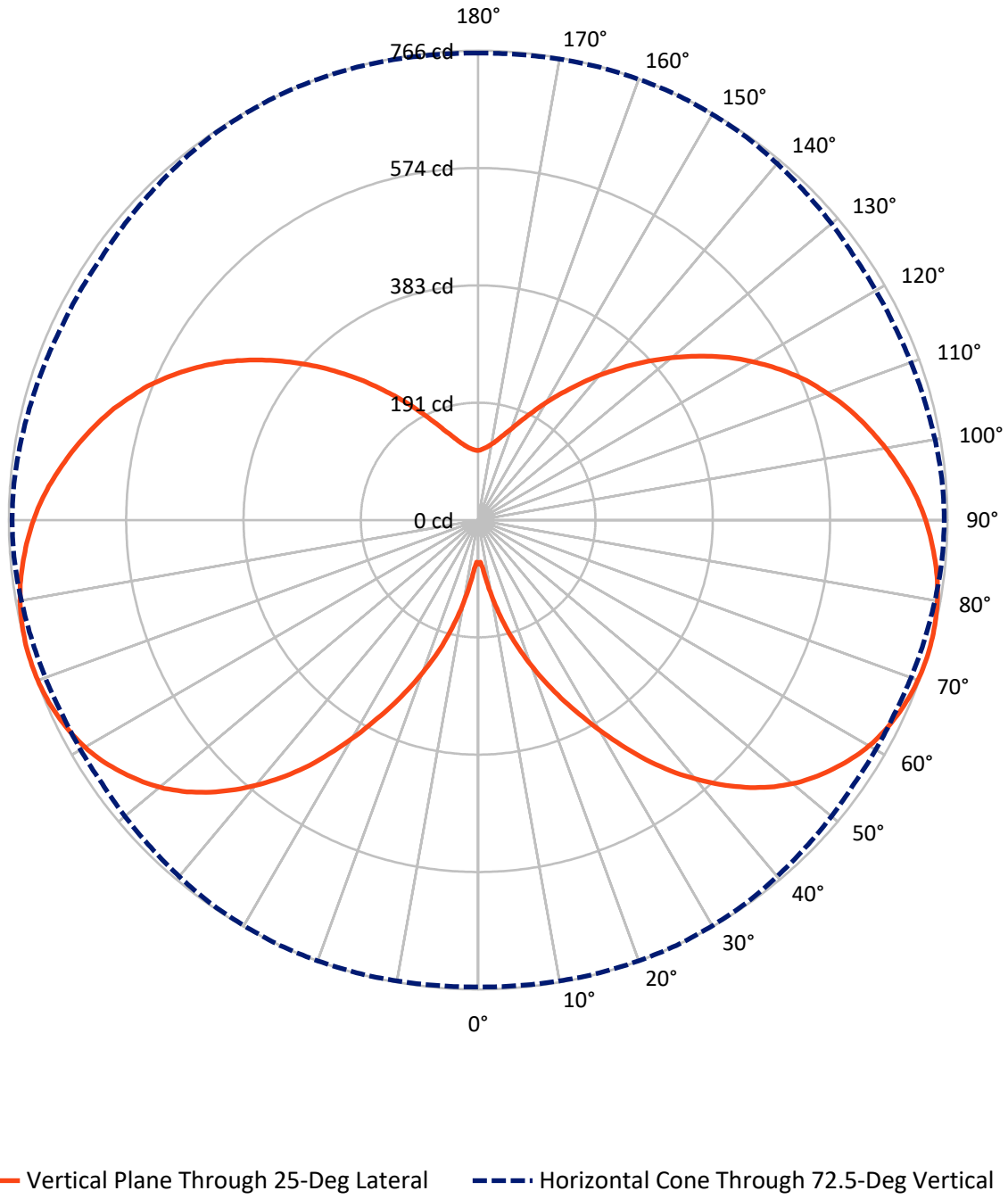
Based on 15 foot mounting height. Maximum calculated value = 1.2 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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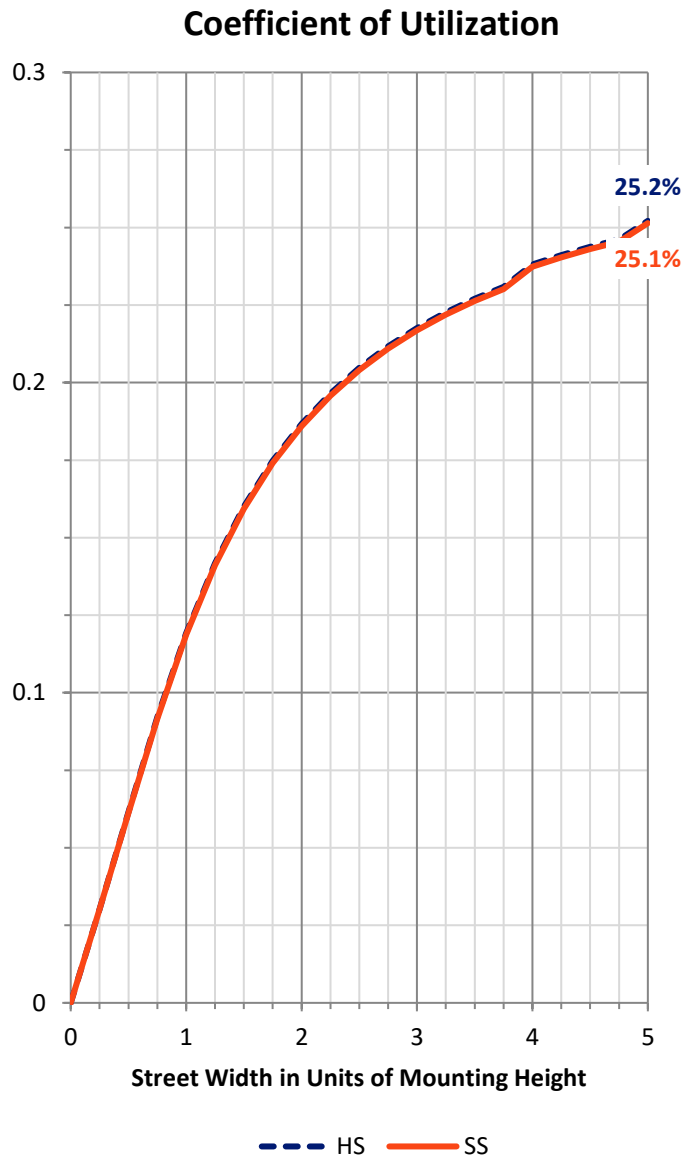
REPORT NUMBER: P981231
CATALOG NUMBER: FFX-CLB-50-722-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1985.9	1485.2	3471.2
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	1985.9	1485.2	3471.2
	% Fixture	28.6	21.4	50.0
Total	Lumens	3971.9	2970.4	6942.3
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.3	0.1
10°-20°	56.5	0.8
20°-30°	152.8	2.2
30°-40°	301.8	4.3
40°-50°	475.4	6.8
50°-60°	630.0	9.1
60°-70°	740.7	10.7
70°-80°	800.2	11.5
80°-90°	805.2	11.6
90°-100°	758.1	10.9
100°-110°	670.1	9.7
110°-120°	552.4	8.0
120°-130°	412.9	5.9
130°-140°	275.7	4.0
140°-150°	163.8	2.4
150°-160°	86.2	1.2
160°-170°	39.8	0.6
170°-180°	11.4	0.2
0°-90°	3971.9	57.2
0°-180°	6942.3	100.0



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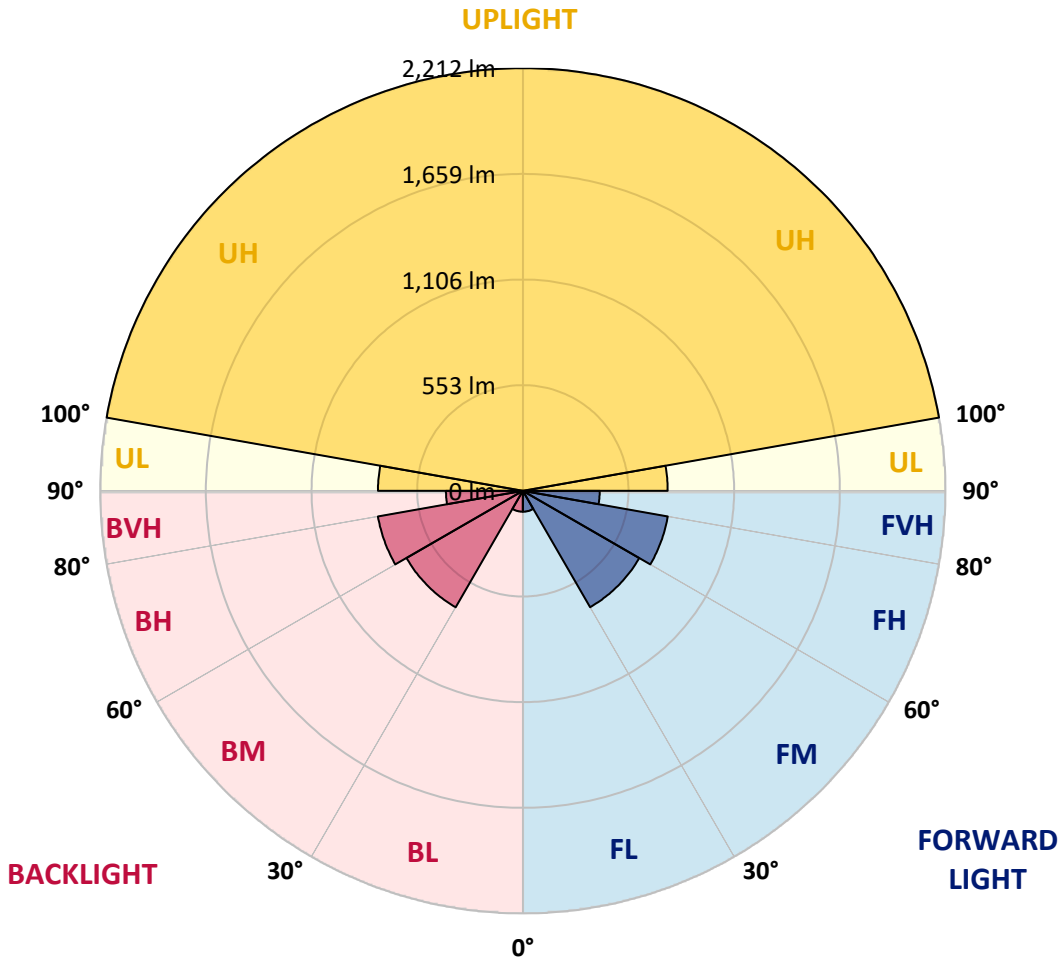
Scaled Data Report

REPORT NUMBER: P981231
CATALOG NUMBER: FFX-CLB-50-722-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	109.3	1.6			
FM	(30°-60°)	703.6	10.1			
FH	(60°-80°)	770.5	11.1			G1/1800
FVH	(80°-90°)	402.6	5.8			G3/500
BL	(0°-30°)	109.3	1.6	B0/110		
BM	(30°-60°)	703.6	10.1	B1/1000		
BH	(60°-80°)	770.5	11.1	B2/1000		G1/1800
BVH	(80°-90°)	402.6	5.8			G3/500
UL	(90°-100°)	758.1	10.9		U4/1000	
UH	(100°-180°)	2212.3	31.9		U5	

BUG Rating: B2-U5-G3
Type V Short



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Scaled Data Report

REPORT NUMBER: P981231
CATALOG NUMBER: FFX-CLB-50-722-U-VM8-T5

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	72.1	72.1	72.1	*72.1*	72.1	72.1	72.1	72.1	72.1	72.1	72.1
2.5°	67.8	67.8	68.2	*68.6*	69.1	69.5	69.9	70.4	70.8	70.4	70.4
5°	78.2	79.1	79.1	*79.1*	78.6	79.1	79.9	79.9	80.8	80.4	79.9
7.5°	100.4	102.5	102.5	*102.1*	101.7	102.1	101.7	101.7	101.7	101.2	102.1
10°	130.8	129.9	130.3	*129.9*	129.0	129.5	129.9	129.0	129.0	129.0	129.0
12.5°	160.3	159.9	161.2	*160.8*	161.2	159.9	160.8	159.9	159.9	158.6	159.0
15°	195.1	195.1	194.6	*193.3*	193.8	192.0	192.9	192.5	191.2	191.2	190.7
17.5°	227.2	226.8	227.2	*225.5*	225.5	225.1	224.2	223.8	223.8	222.4	222.0
20°	259.4	258.5	258.1	*258.1*	256.8	256.8	255.9	254.2	253.3	253.7	252.9
22.5°	294.1	292.4	292.4	*292.4*	289.8	288.9	288.5	286.7	286.7	285.4	285.4
25°	328.9	329.3	329.3	*327.6*	326.3	324.5	323.7	322.4	321.1	320.6	321.1
27.5°	367.1	368.0	366.7	*363.6*	363.2	361.5	359.3	357.6	358.0	355.8	357.6
30°	408.8	407.1	404.5	*403.6*	401.9	400.1	398.4	394.9	395.4	394.5	394.9
32.5°	447.1	447.1	446.2	*443.6*	442.3	438.4	436.6	432.3	432.7	432.3	430.6
35°	488.8	487.5	485.7	*485.3*	481.0	478.3	475.3	470.5	471.4	471.0	471.4
37.5°	524.0	524.4	525.3	*523.1*	519.2	515.7	512.2	508.8	507.9	508.3	507.5
40°	562.2	561.8	560.9	*558.3*	555.2	551.3	547.0	544.8	542.2	544.0	543.5
42.5°	593.5	594.8	594.4	*591.7*	587.8	583.9	580.4	577.0	575.7	575.2	575.2
45°	623.9	624.3	623.0	*622.6*	617.4	613.9	609.6	606.5	605.6	605.6	607.0
47.5°	652.1	651.7	650.8	*650.0*	646.1	640.8	635.6	633.5	633.0	633.9	634.3
50°	674.7	675.6	675.2	*673.9*	669.9	665.2	659.5	657.3	657.8	658.7	659.1
52.5°	695.1	695.1	695.6	*693.8*	690.4	685.2	679.9	678.2	678.2	679.5	678.6
55°	710.8	711.7	712.1	*710.8*	708.6	702.5	697.3	694.3	695.6	696.9	697.3
57.5°	725.6	726.4	726.4	*726.4*	723.0	717.3	712.1	709.5	711.2	713.4	713.8
60°	737.3	737.7	739.0	*739.0*	736.0	729.5	723.8	721.7	723.8	726.9	726.4
62.5°	746.0	746.0	747.7	*748.2*	745.1	738.6	732.9	731.2	733.8	737.3	738.6
65°	753.4	753.8	755.1	*755.5*	752.9	745.5	739.5	739.0	742.5	746.0	746.4
67.5°	757.3	757.7	759.9	*760.8*	757.7	750.3	744.7	743.4	748.2	752.5	752.9
70°	759.9	760.8	763.4	*764.2*	761.2	753.4	747.3	746.8	752.1	756.8	757.3
72.5°	*761.6*	*762.1*	*764.7*	*765.5*	*762.5*	*755.1*	*749.0*	*749.0*	*753.8*	*759.4*	*760.3*
75°	761.6	762.1	764.2	*765.5*	762.5	754.7	748.2	748.2	754.7	760.3	761.6
77.5°	758.1	759.4	762.1	*763.4*	760.3	752.5	746.4	746.4	752.9	759.0	760.3
80°	754.7	755.1	758.1	*759.9*	756.4	749.0	742.5	742.5	749.5	756.0	756.8
82.5°	749.0	749.5	752.5	*754.2*	751.2	743.4	736.9	737.3	743.8	750.3	751.2
85°	741.2	742.1	745.1	*746.4*	743.8	735.6	729.5	729.9	736.9	742.9	743.8
87.5°	732.9	732.9	736.4	*737.7*	735.1	726.9	720.8	720.8	727.7	734.3	734.7
90°	721.7	722.5	725.6	*727.7*	724.3	717.3	710.8	710.8	717.3	723.4	725.1
92.5°	711.2	711.7	714.7	*716.0*	713.0	705.6	699.9	699.9	706.4	712.5	713.4
95°	698.6	698.6	700.8	*702.5*	699.1	693.0	687.8	687.8	693.0	698.2	699.1
97.5°	685.2	685.2	687.8	*687.3*	684.7	678.2	673.9	673.4	678.6	683.0	684.3
100°	669.9	670.8	672.6	*672.1*	669.9	663.4	659.5	659.5	663.4	667.3	668.2
102.5°	655.2	655.2	656.0	*655.6*	652.6	646.9	644.7	644.3	647.8	650.4	650.8
105°	640.0	640.0	639.1	*639.1*	635.2	630.8	628.2	628.2	631.3	633.0	633.0
107.5°	622.6	621.7	622.6	*621.3*	617.4	613.0	611.7	611.3	612.6	614.3	613.5
110°	604.8	604.3	603.9	*601.3*	598.3	595.7	593.5	593.5	594.8	595.2	595.2

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REPORT NUMBER: P981231
CATALOG NUMBER: FFX-CLB-50-722-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	586.1	585.7	584.4	*582.2*	578.7	576.1	574.4	574.4	574.8	574.4	573.5
115°	565.7	564.8	563.5	*559.6*	556.1	554.4	553.5	554.4	553.9	552.6	552.6
117.5°	543.5	542.7	540.5	*536.1*	533.1	531.8	532.2	531.8	530.9	529.6	530.1
120°	518.8	518.8	515.3	*511.8*	509.2	509.2	508.8	508.8	507.5	505.7	504.9
122.5°	493.1	493.1	490.1	*487.0*	484.0	484.0	484.4	484.0	483.1	481.4	480.5
125°	468.4	466.2	463.6	*460.1*	457.9	457.5	458.8	459.2	457.5	455.3	455.8
127.5°	441.0	439.7	437.1	*433.2*	431.4	431.0	432.3	433.2	431.0	429.7	429.3
130°	412.3	411.4	409.3	*406.2*	404.5	404.9	406.2	407.5	405.4	404.1	403.2
132.5°	384.1	384.1	382.8	*379.7*	377.6	379.3	380.2	381.0	378.9	378.4	378.0
135°	358.4	358.0	355.4	*353.7*	351.9	352.4	354.1	353.7	353.2	352.4	351.5
137.5°	331.9	331.9	330.6	*327.6*	327.6	328.0	328.9	328.9	329.3	327.6	328.0
140°	307.2	306.7	305.9	*303.7*	302.4	303.3	304.1	304.6	304.6	302.8	303.3
142.5°	283.7	283.3	280.7	*279.4*	279.4	279.8	280.2	280.7	280.7	279.8	280.2
145°	258.5	259.4	258.1	*256.8*	256.8	256.8	258.1	258.5	258.9	258.1	258.1
147.5°	237.7	238.5	237.2	*236.4*	236.4	236.4	237.2	237.7	236.8	237.2	237.2
150°	218.1	218.1	217.2	*216.8*	216.4	216.8	217.7	218.1	218.1	217.2	217.2
152.5°	199.4	199.0	198.6	*198.6*	198.6	198.6	199.4	199.4	199.9	199.9	199.0
155°	183.3	182.9	182.9	*182.5*	182.9	182.9	182.9	183.3	183.3	183.8	184.2
157.5°	168.6	168.1	168.6	*168.6*	168.6	169.0	169.0	169.4	168.6	169.0	169.4
160°	156.4	156.8	156.4	*156.0*	156.0	156.4	156.4	156.8	156.8	156.4	156.8
162.5°	146.0	146.0	145.5	*146.0*	146.4	146.0	146.0	146.4	146.4	146.4	146.4
165°	137.7	137.3	137.3	*137.3*	137.3	137.3	137.7	137.7	137.7	137.7	138.2
167.5°	130.3	129.9	129.9	*129.9*	130.3	130.3	130.3	130.8	130.8	130.8	130.3
170°	124.7	124.3	124.3	*124.3*	124.7	124.7	124.7	124.7	124.7	124.7	124.7
172.5°	119.9	119.9	119.9	*119.9*	119.9	119.9	119.9	119.9	119.9	120.3	119.9
175°	116.9	116.9	116.9	*116.9*	116.4	116.4	116.9	116.9	116.9	116.9	116.9
177.5°	114.3	114.3	114.7	*114.3*	114.3	114.3	114.7	114.7	114.7	114.3	114.3
180°	113.4	113.4	113.4	*113.4*	113.4	113.4	113.4	113.4	113.4	113.4	113.4

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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

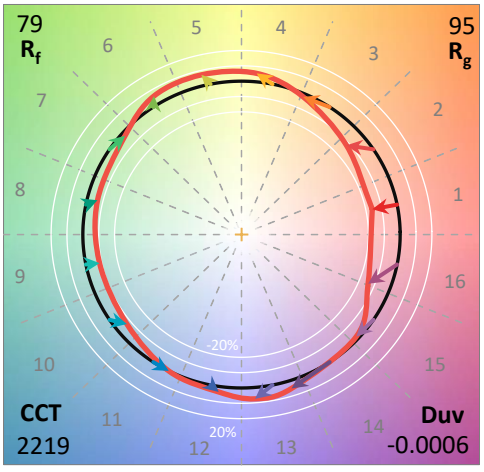
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

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

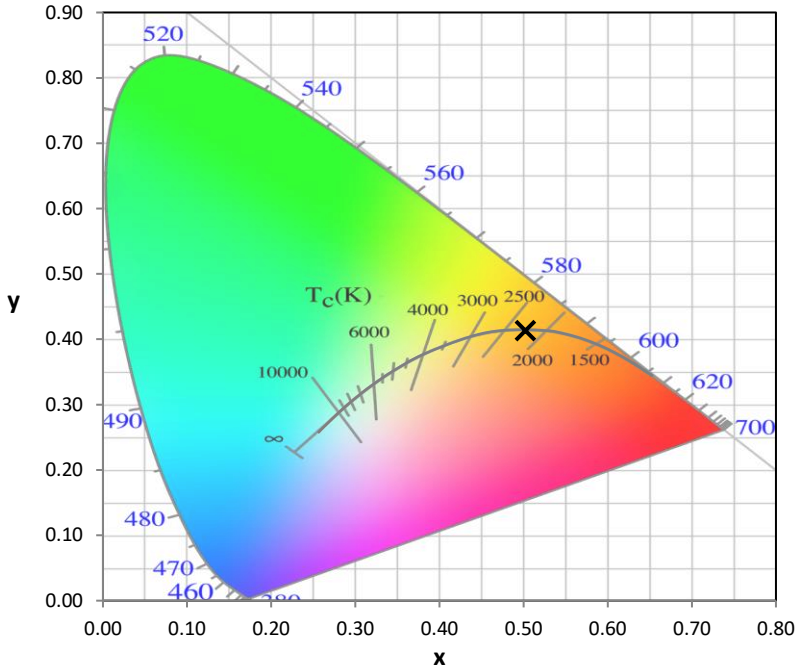
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

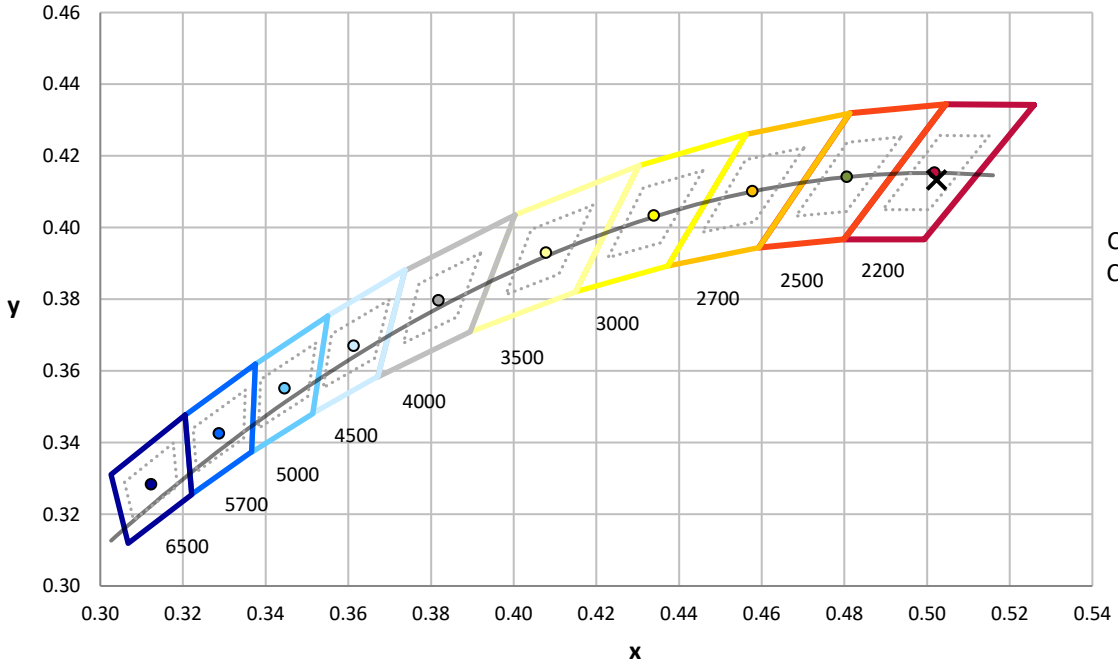
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

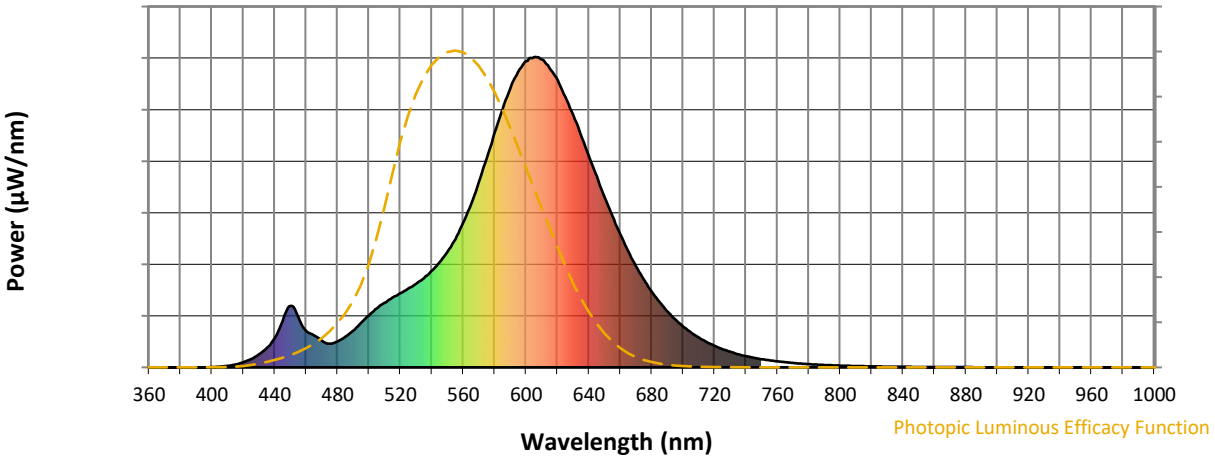


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

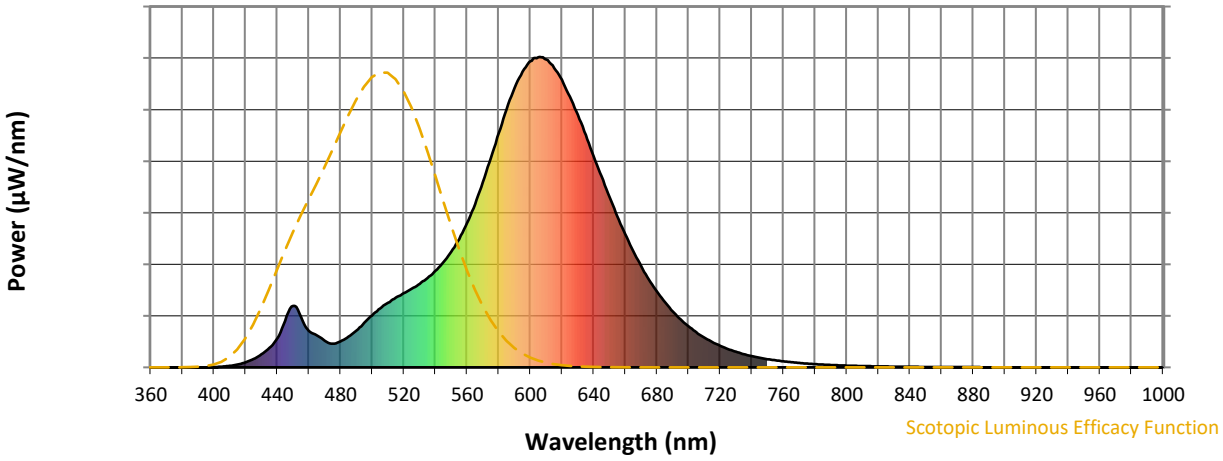


Photopic Lumens: NR

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

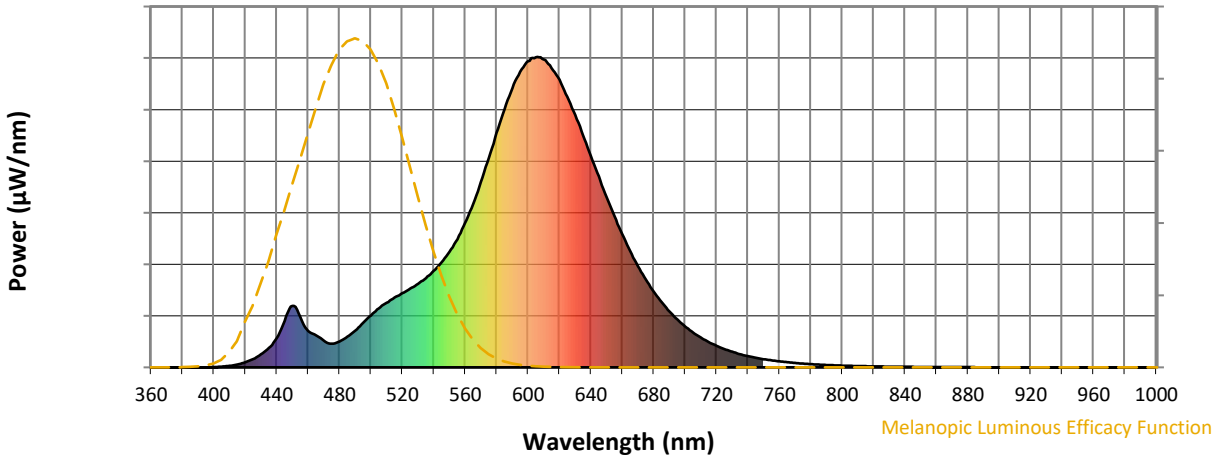


Scotopic Lumens: NR **S/P: 0.94**

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			

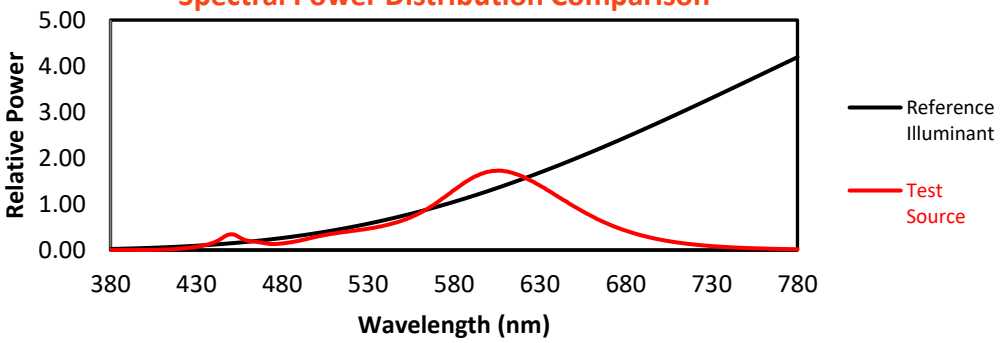
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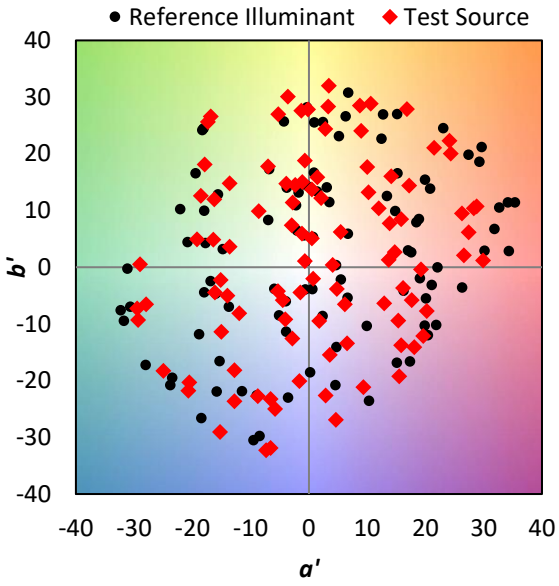
Summary

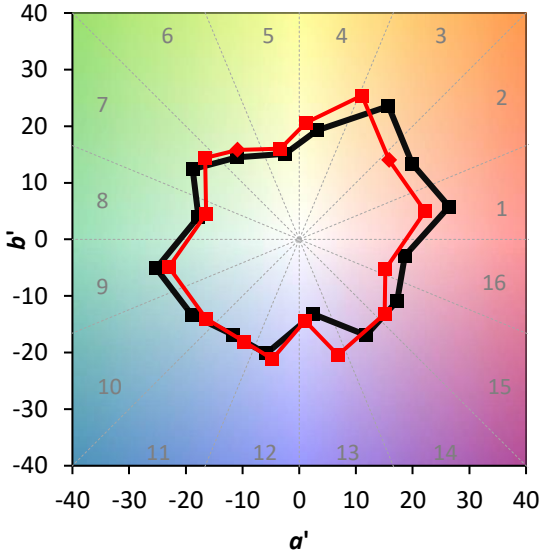
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

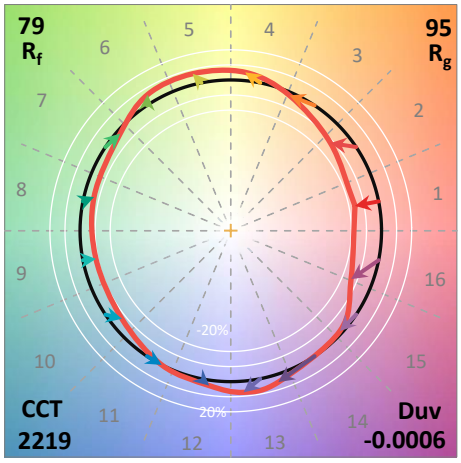
Spectral Power Distribution Comparison

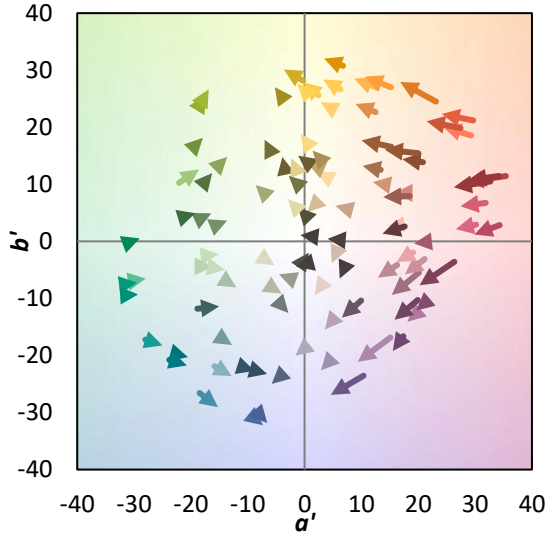


Color Vector Graphics







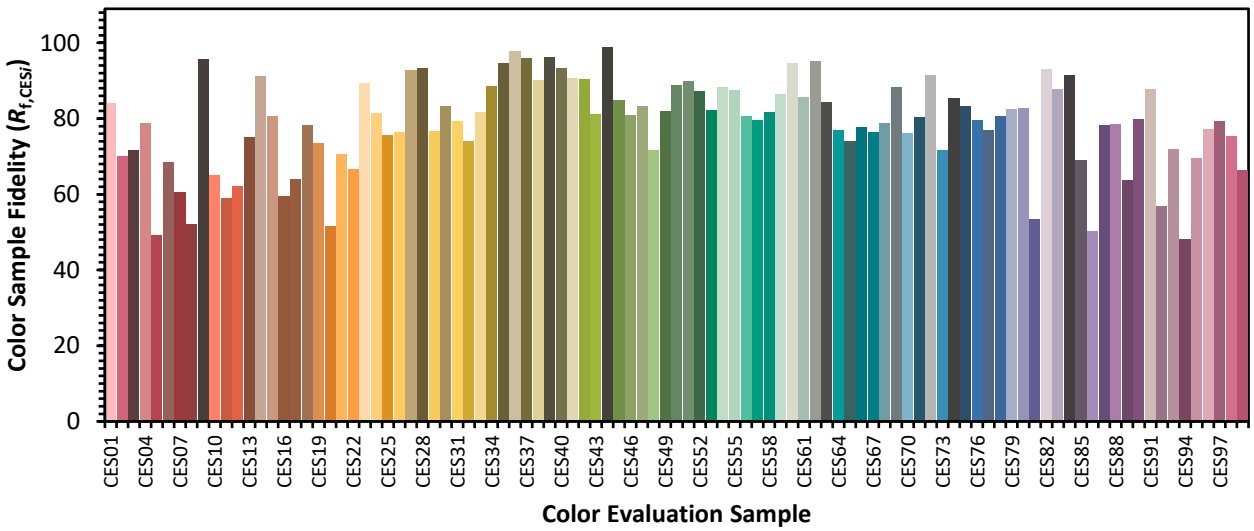


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Individual Sample Fidelity Index ($R_{f,i}$)

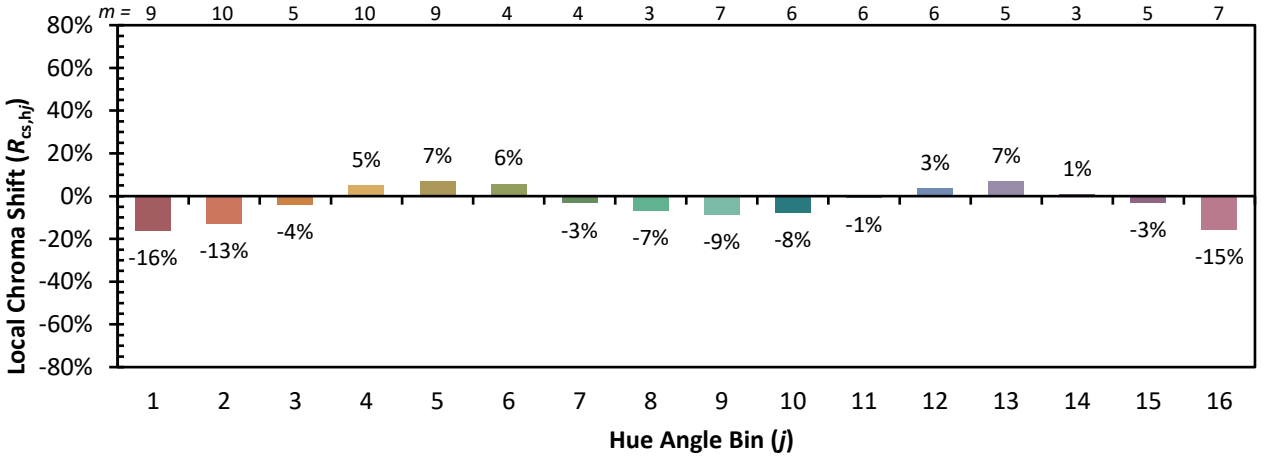
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82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

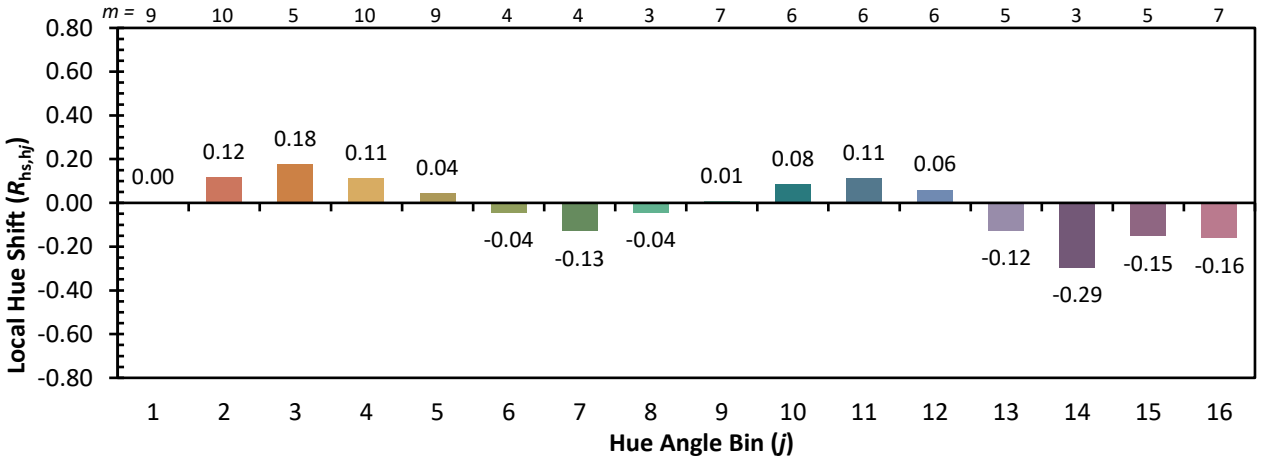


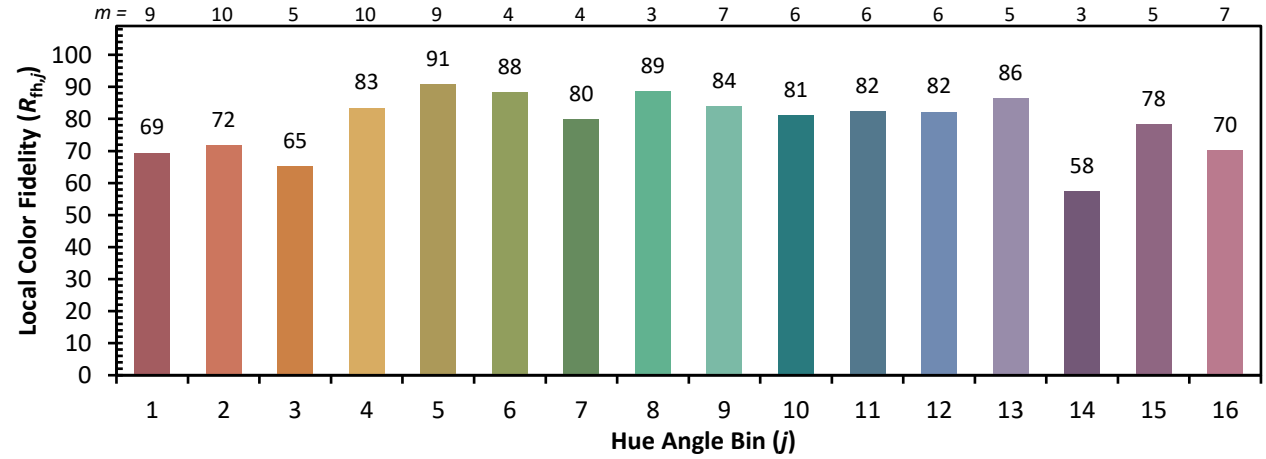
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Color Rendition by Hue-Angle Bin



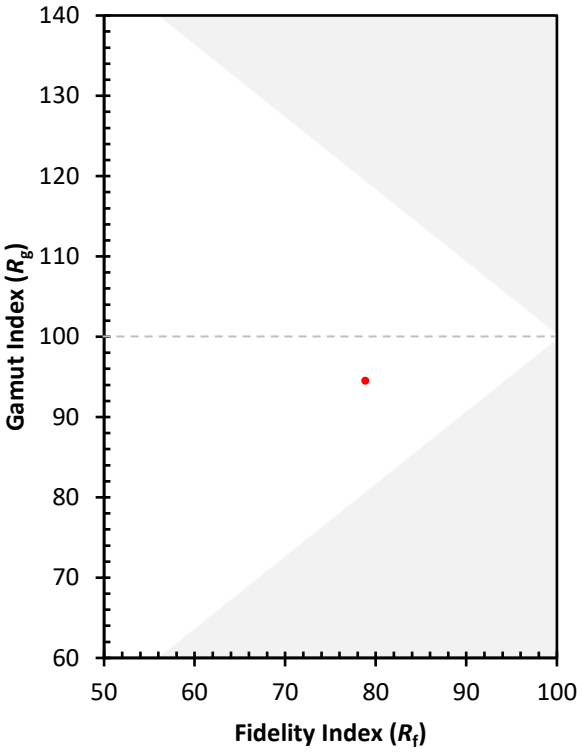


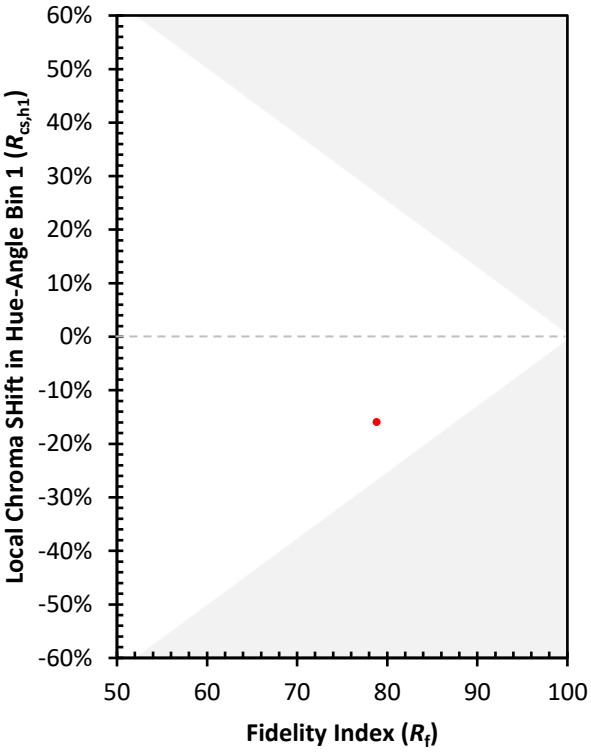


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Measure Comparisons





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