

Signify Classified - Internal  
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: P856286

Luminaire Tested: **FFX-CLB-50-722-U-FG**

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856286  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 07/16/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: FFX-CLB-50-722-U-FG  
Description: FAIRFAX POST TOP FIXTURE w/ FROSTED GLOBE  
Light Source: (6) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

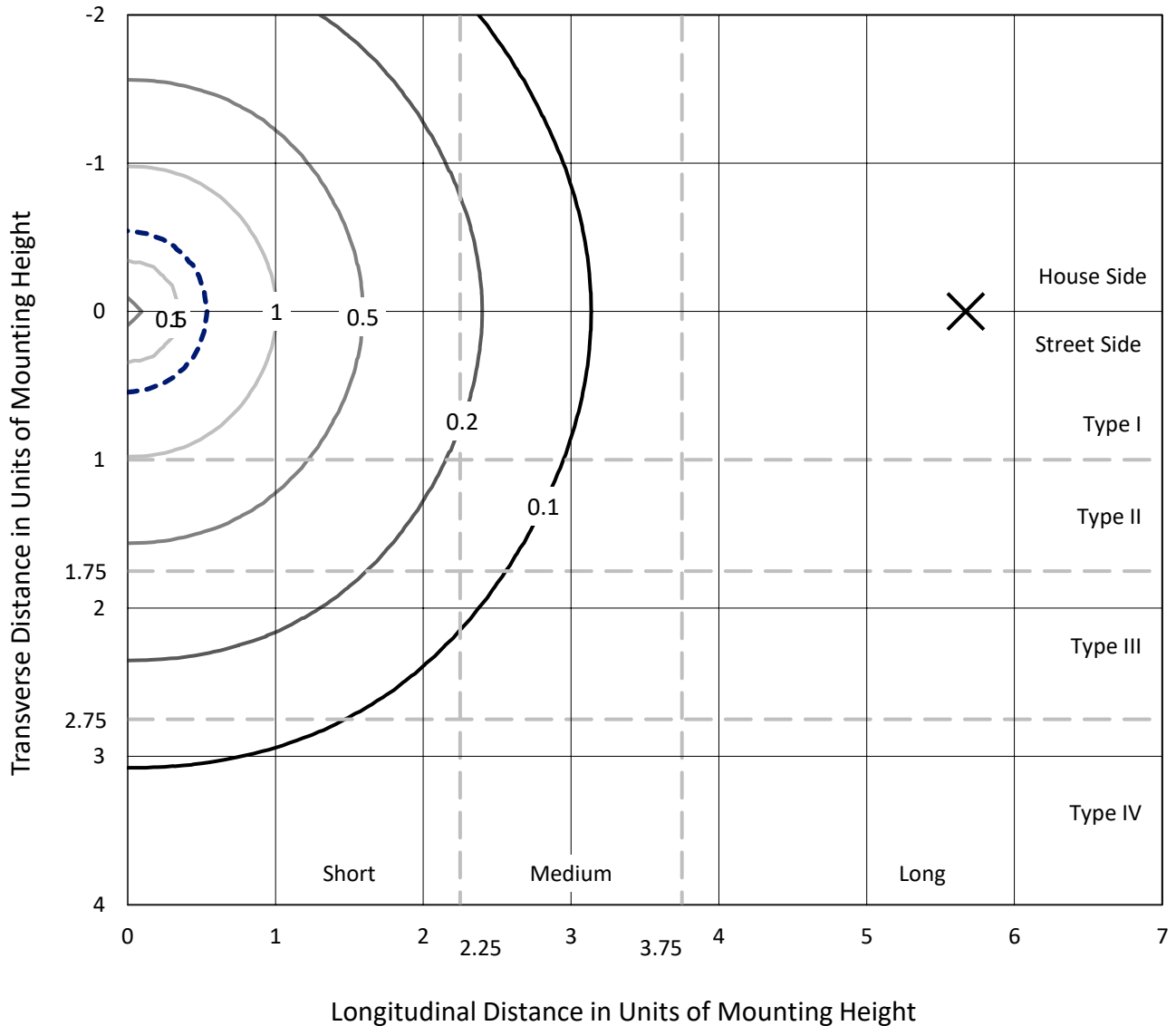
Lumens per Lamp: N/A  
Luminaire Lumens: 7270 lumens  
Efficiency: N/A  
Efficacy: 144.0 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')  
IES Classification: Type V - Short  
BUG Rating: B2 - U5 - G3

Input Watts (W): 50.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.99  
Total Harmonic Distortion (THDi): 6.0%%  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

REPORT NUMBER: P856286  
 CATALOG NUMBER: FFX-CLB-50-722-U-FG

### Iso-Footcandle Lines of Horizontal Illumination

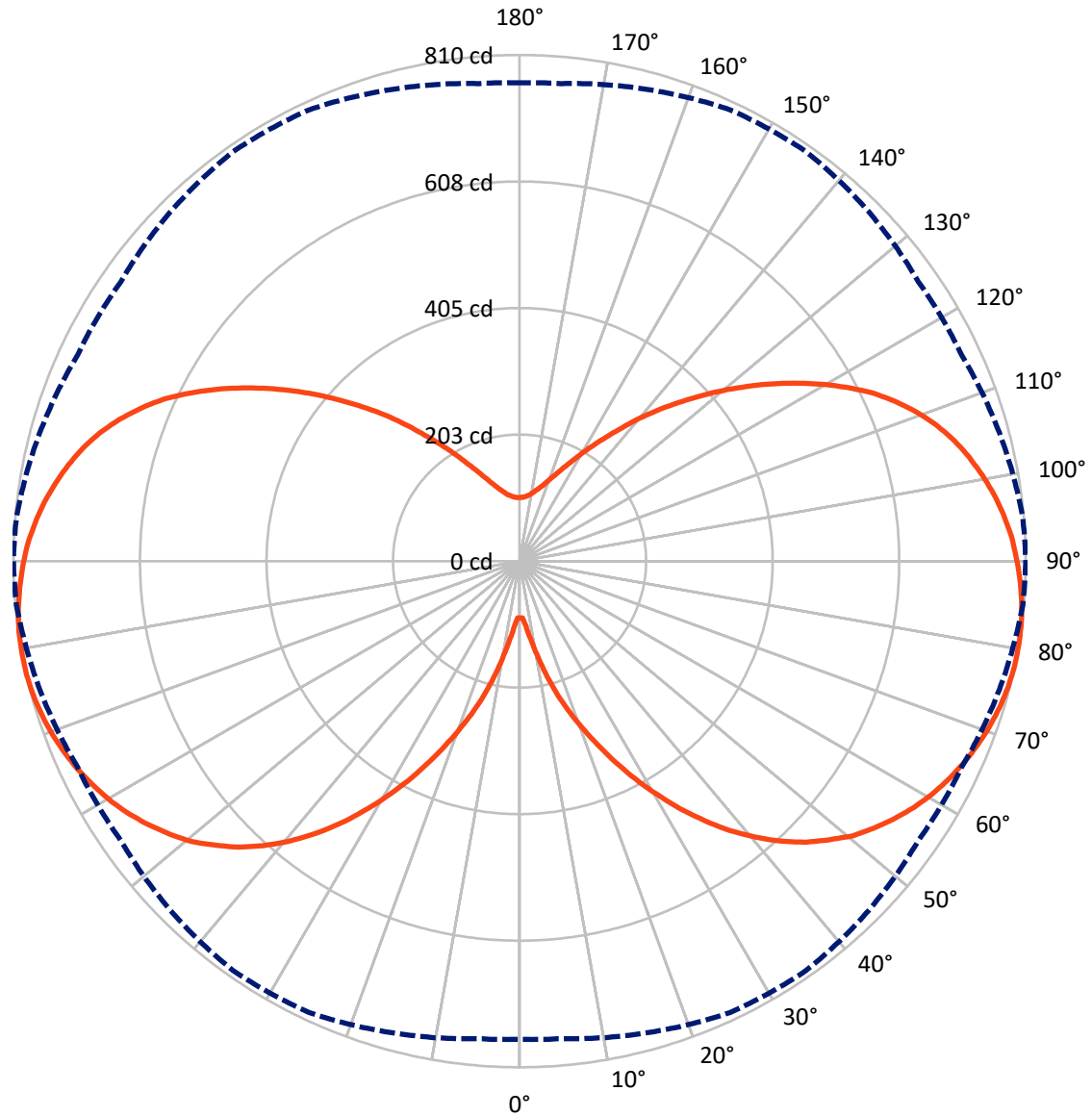
✕ Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.3 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral      - - - Horizontal Cone Through 80-Deg Vertical

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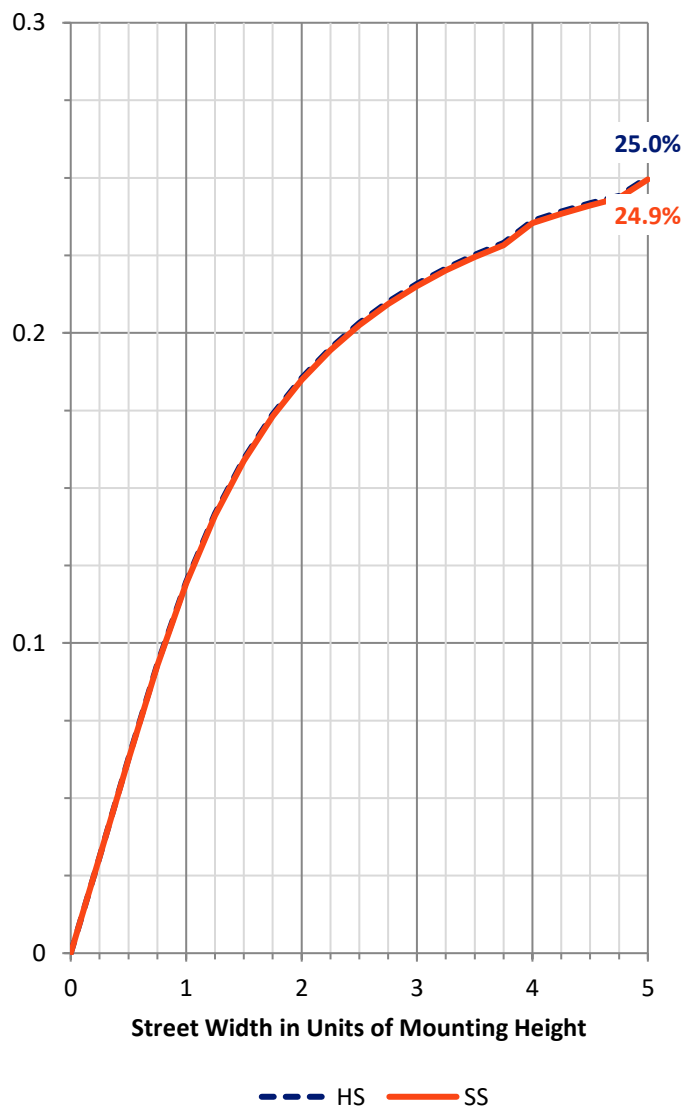
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2068.4	1566.6	3635.0
	% Fixture	28.5	21.5	50.0
<b>Street Side</b>	Lumens	2068.4	1566.6	3635.0
	% Fixture	28.5	21.5	50.0
<b>Total</b>	Lumens	4136.8	3133.2	7270.0
	% Fixture	56.9	43.1	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	11.5	0.2
10°-20°	63.4	0.9
20°-30°	166.8	2.3
30°-40°	318.9	4.4
40°-50°	490.2	6.7
50°-60°	642.2	8.8
60°-70°	757.9	10.4
70°-80°	831.5	11.4
80°-90°	854.3	11.8
90°-100°	823.1	11.3
100°-110°	738.0	10.2
110°-120°	599.7	8.2
120°-130°	428.5	5.9
130°-140°	271.0	3.7
140°-150°	151.8	2.1
150°-160°	76.4	1.1
160°-170°	34.7	0.5
170°-180°	10.1	0.1
0°-90°	4136.8	56.9
0°-180°	7270.0	100.0

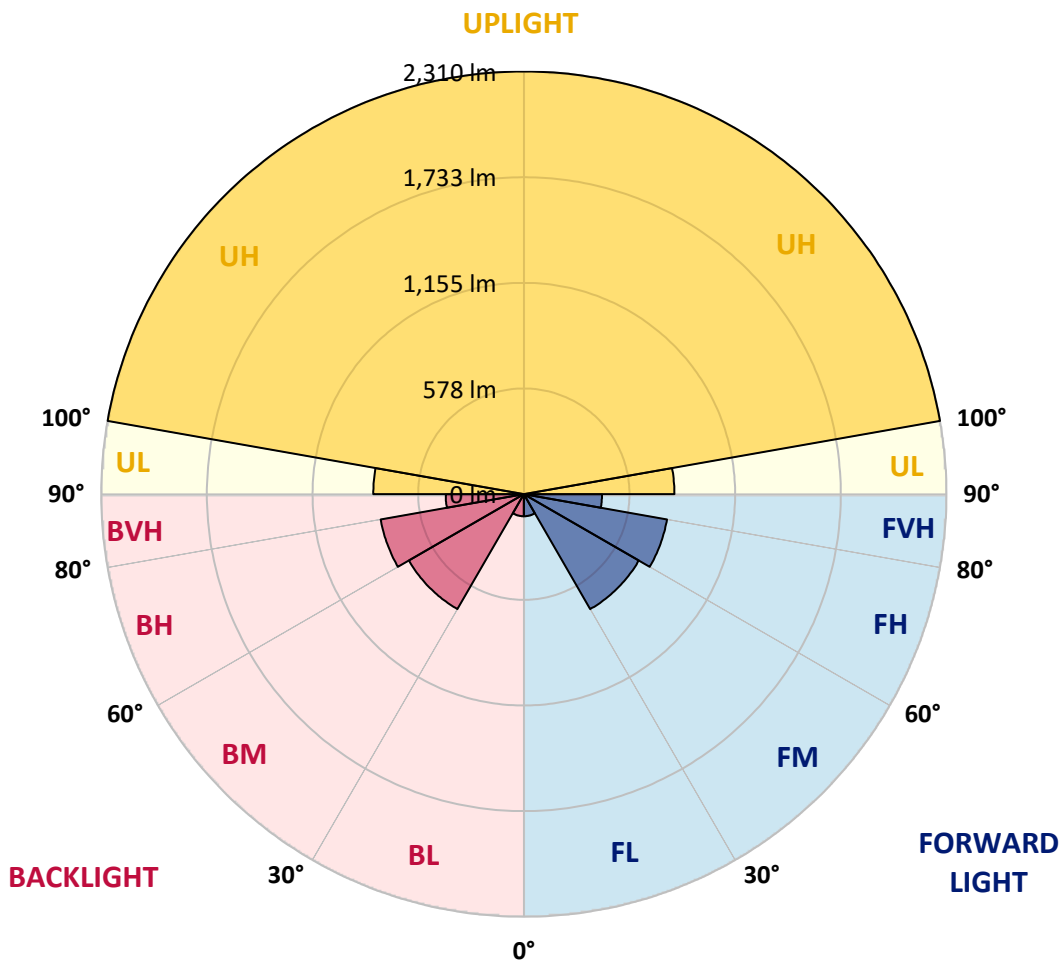


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	120.9	1.7			
FM (30°-60°)	725.6	10.0			
FH (60°-80°)	794.7	10.9			G1/1800
FVH (80°-90°)	427.2	5.9			G3/500
BL (0°-30°)	120.9	1.7	B1/500		
BM (30°-60°)	725.6	10.0	B1/1000		
BH (60°-80°)	794.7	10.9	B2/1000		G1/1800
BVH (80°-90°)	427.2	5.9			G3/500
UL (90°-100°)	823.1	11.3		U4/1000	
UH (100°-180°)	2310.2	31.8		U5	

**BUG Rating: B2-U5-G3**  
 Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
2.5°	95.7	95.7	95.3	94.4	94.0	93.5	92.6	91.3	90.8	90.8	90.8
5°	104.2	104.7	104.7	104.2	104.7	103.8	103.8	102.9	103.3	103.3	103.8
7.5°	125.3	125.3	125.7	125.7	126.2	125.3	125.7	125.3	125.7	125.7	125.3
10°	152.6	152.6	153.5	152.6	153.0	152.1	151.7	151.7	153.0	152.6	152.1
12.5°	183.4	184.3	183.9	183.4	184.3	183.4	182.5	183.0	184.8	183.9	183.4
15°	216.1	217.0	217.9	216.5	217.0	216.5	216.1	216.5	218.3	217.4	217.0
17.5°	249.2	249.6	250.5	248.7	249.2	249.6	249.2	249.6	251.0	250.5	250.1
20°	282.3	283.2	284.1	282.3	282.7	283.2	282.7	283.2	285.0	284.1	283.6
22.5°	317.2	317.6	319.4	317.2	318.1	318.5	317.6	318.5	320.3	319.4	319.0
25°	353.4	353.0	355.7	353.9	354.3	355.2	354.3	355.2	357.5	357.5	356.1
27.5°	390.6	390.6	392.8	391.5	392.4	391.9	392.8	393.7	395.9	396.4	395.0
30°	427.7	427.7	431.3	429.0	430.4	430.8	430.8	431.7	434.4	435.3	433.5
32.5°	464.8	464.8	466.6	467.1	468.0	468.4	469.3	469.3	472.9	473.3	472.4
35°	501.1	501.1	502.9	503.8	506.0	505.1	506.4	506.4	510.5	510.9	510.5
37.5°	535.5	536.0	538.2	539.1	540.9	540.9	541.8	542.7	546.3	547.6	547.2
40°	568.2	569.1	570.9	572.7	574.4	574.4	574.9	576.2	580.3	581.6	581.2
42.5°	597.7	598.2	600.8	603.5	605.3	605.3	605.8	606.7	611.1	612.9	612.9
45°	623.7	625.0	628.6	632.2	633.9	633.5	633.5	634.8	639.8	642.0	642.0
47.5°	647.8	649.6	653.6	657.2	659.0	659.0	658.6	659.9	665.3	668.0	666.6
50°	669.3	670.6	675.1	680.5	681.8	681.8	680.5	681.8	687.6	691.2	691.2
52.5°	687.2	688.5	693.9	699.7	701.5	701.1	699.3	700.6	706.4	710.5	710.0
55°	702.4	704.2	710.0	717.2	719.0	717.6	715.4	716.7	723.0	728.3	727.9
57.5°	716.3	717.6	724.3	731.9	734.6	732.4	729.2	730.6	737.7	743.6	744.0
60°	727.9	729.2	736.8	745.8	748.0	745.3	741.3	742.7	750.7	757.4	758.3
62.5°	737.7	739.1	747.6	757.4	760.6	756.5	751.6	753.0	761.9	769.5	770.0
65°	745.8	747.1	757.0	767.3	770.4	765.9	760.1	761.5	771.3	779.8	780.7
67.5°	752.1	753.9	765.0	776.2	778.9	773.5	766.8	768.2	778.9	788.7	789.6
70°	757.4	759.7	771.3	783.4	786.5	780.2	772.2	774.0	786.1	795.9	797.2
72.5°	761.5	763.7	776.2	789.2	792.8	785.2	776.2	778.0	791.0	801.7	803.1
75°	764.1	766.4	779.8	793.7	796.8	788.7	778.9	780.7	794.1	805.7	807.5
77.5°	765.5	767.7	782.0	796.4	799.5	790.1	779.8	781.6	795.5	808.0	809.8
80°	765.5	767.3	782.0	797.2	799.9	790.5	779.4	780.7	795.0	808.4	810.2
82.5°	764.1	765.9	781.1	796.4	799.0	788.7	777.1	778.9	793.7	807.1	809.3
85°	761.0	762.8	778.0	793.7	796.4	785.2	773.1	774.9	789.6	804.0	806.2
87.5°	756.5	758.8	773.5	789.2	791.4	779.8	768.2	769.1	784.7	799.5	801.3
90°	751.2	753.4	767.3	782.9	785.2	773.5	761.5	762.8	778.0	793.2	795.0
92.5°	744.9	746.7	760.1	774.4	777.1	765.0	753.4	755.2	770.4	785.6	787.9
95°	736.8	738.2	750.7	764.1	766.4	755.6	744.0	745.8	761.0	775.8	778.0
97.5°	727.0	727.9	739.1	751.2	753.9	743.6	732.8	734.6	749.4	764.1	766.8
100°	715.8	716.3	726.1	736.4	738.6	730.1	720.3	722.5	736.4	751.6	753.4
102.5°	702.8	702.8	710.9	719.4	722.1	714.9	706.4	708.7	722.1	736.4	738.6
105°	688.5	687.2	693.0	699.7	702.8	697.5	691.2	693.0	705.5	719.4	722.1
107.5°	670.6	669.3	673.3	679.1	682.3	678.2	673.3	676.0	686.7	699.7	702.4
110°	650.5	648.7	650.5	655.0	658.6	655.9	653.2	655.4	665.7	677.8	679.6



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 CATALOG NUMBER: FFX-CLB-50-722-U-FG

**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	627.2	625.0	625.4	628.6	631.7	631.3	629.5	633.1	641.6	651.4	653.6
115°	600.4	598.2	596.8	598.6	601.3	603.1	604.9	607.1	613.8	621.9	625.4
117.5°	572.2	568.6	566.4	566.4	569.5	572.7	575.8	578.9	583.4	591.0	592.3
120°	539.6	537.3	534.2	534.2	536.9	540.0	544.9	548.5	551.2	556.6	558.3
122.5°	507.3	504.2	501.1	501.1	502.9	507.3	514.0	517.2	518.5	521.7	523.0
125°	474.7	471.1	467.5	467.5	469.3	473.8	481.4	484.1	485.0	486.3	487.7
127.5°	441.6	438.0	434.9	433.5	436.2	439.8	447.4	451.0	451.4	451.4	452.3
130°	408.5	405.8	402.6	401.3	404.0	407.1	415.6	419.2	417.4	417.4	417.9
132.5°	377.1	374.5	371.3	370.4	372.2	376.3	383.9	387.0	385.6	383.9	384.3
135°	346.7	344.5	340.5	340.0	342.7	344.5	351.6	354.8	353.4	351.6	352.1
137.5°	317.6	315.4	311.8	311.4	314.1	316.3	321.7	324.8	323.0	321.2	321.7
140°	289.9	287.2	284.5	284.1	285.9	288.1	293.0	294.8	293.0	291.7	292.1
142.5°	264.0	262.2	259.0	259.0	259.9	261.7	265.7	267.5	265.7	264.0	263.1
145°	239.4	237.1	235.3	234.9	235.8	237.6	240.2	242.0	240.2	238.9	238.0
147.5°	217.4	215.6	213.9	213.9	214.3	215.6	217.9	218.3	217.0	216.1	215.2
150°	197.3	195.5	194.6	194.2	194.6	195.1	196.9	197.7	196.4	195.5	194.6
152.5°	179.0	177.6	176.7	177.2	177.2	177.6	178.1	178.5	177.2	177.2	176.3
155°	162.8	162.0	161.1	161.5	161.5	161.5	162.0	162.0	161.1	161.1	160.6
157.5°	149.4	148.5	148.1	148.5	148.5	148.1	148.5	148.5	147.6	147.6	147.2
160°	137.8	136.9	136.9	136.9	136.9	136.5	137.3	136.9	136.5	136.0	136.0
162.5°	128.4	127.5	127.5	128.0	127.5	127.5	127.5	127.5	127.1	127.1	126.6
165°	120.8	119.9	119.9	120.3	119.9	119.9	119.9	119.9	119.5	119.5	119.5
167.5°	114.5	114.1	114.1	114.1	114.1	113.6	114.1	114.1	113.6	113.6	113.6
170°	109.6	109.2	109.2	109.2	109.2	109.2	109.2	109.2	109.2	108.7	108.7
172.5°	106.5	106.0	106.0	106.0	106.0	106.0	106.0	106.0	105.6	105.6	105.6
175°	104.2	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.8	103.3	103.3
177.5°	102.9	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.0	102.0
180°	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0



Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
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: SP1-2406-133-2

Test Date: 07/11/2024

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.

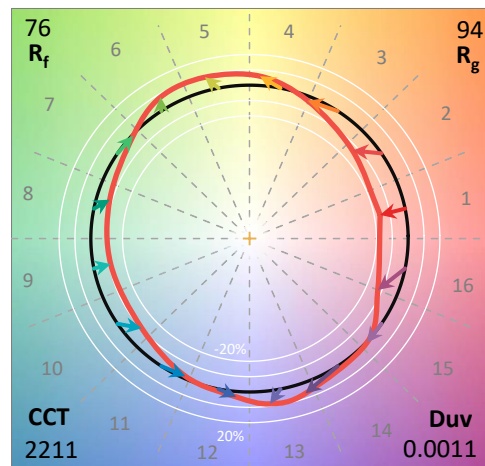
**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2406-133-2  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Photometer: SP1 - 76IN SPHERE  
 Measurement Geometry: 4π  
 Issue Date: 07/12/2024  
 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): 2211  
 CIE u': 0.2892  
 CIE v': 0.5376  
 Duv: 0.0011  
 CIE x: 0.5069  
 CIE y: 0.4188  
 CIE z: 0.0743  
 Peak Wavelength (nm): 606  
 Dominant Wavelength (nm): 586  
 Purity: 77.8805  
 Rf: 76.1  
 Rg: 94.3

CRI (Ra):	71.4		
R1:	68.2	R9:	-29.2
R2:	85.0	R10:	67.8
R3:	94.0	R11:	60.7
R4:	65.1	R12:	59.0
R5:	66.6	R13:	71.3
R6:	81.8	R14:	97.6
R7:	73.4	R15:	58.9
R8:	37.3		



**Test Conditions**

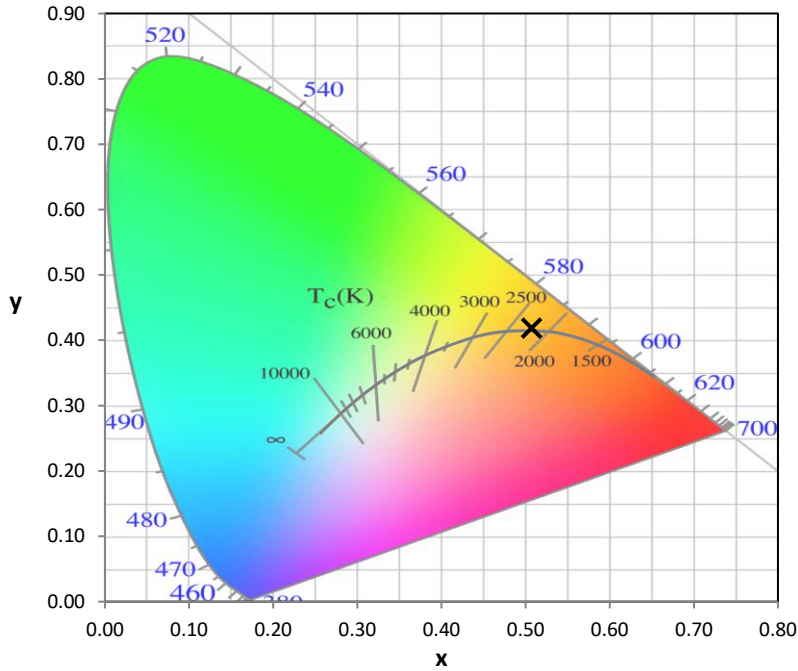
Stabilization Time: 0.813563M  
 Operation Time: 1H  
 Sphere Temperature (°C): 24.7

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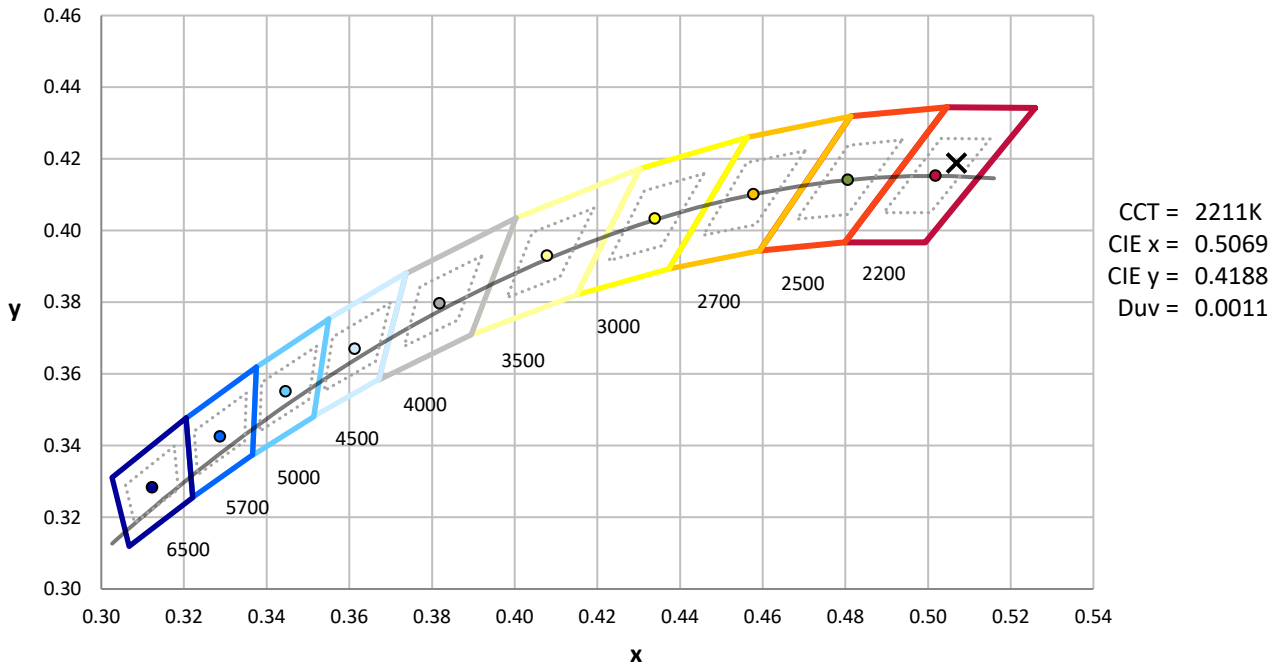
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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CIE 1931 Chromaticity Diagram



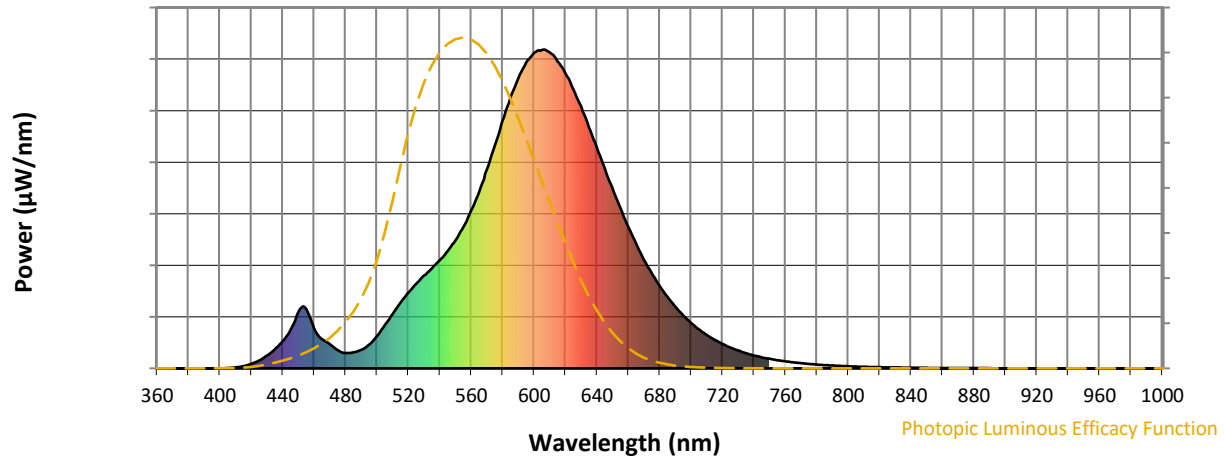
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 4-step quadrangle

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**Photopic Flux vs. Wavelength**

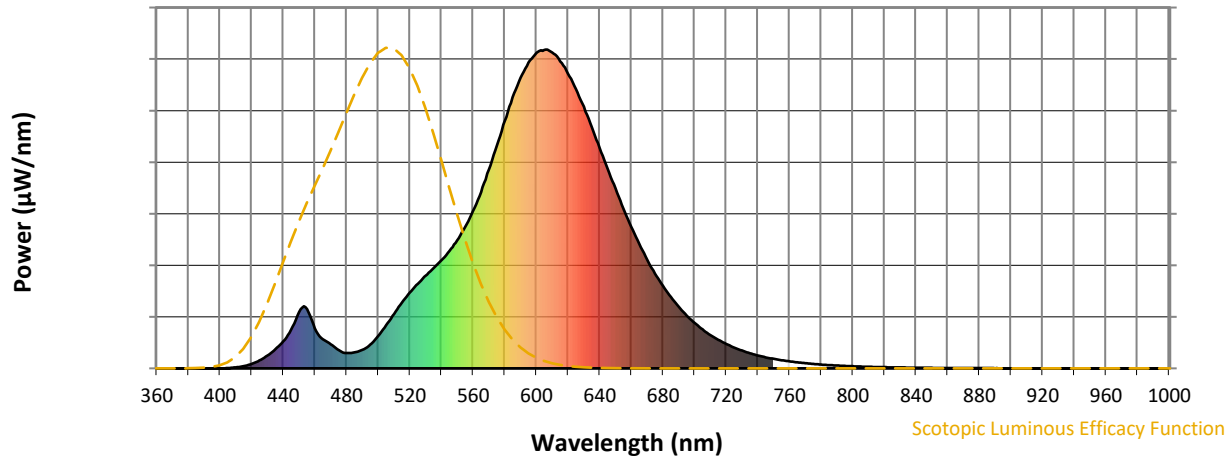


**Photopic Lumens: NR**

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

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**Scotopic Flux vs. Wavelength**



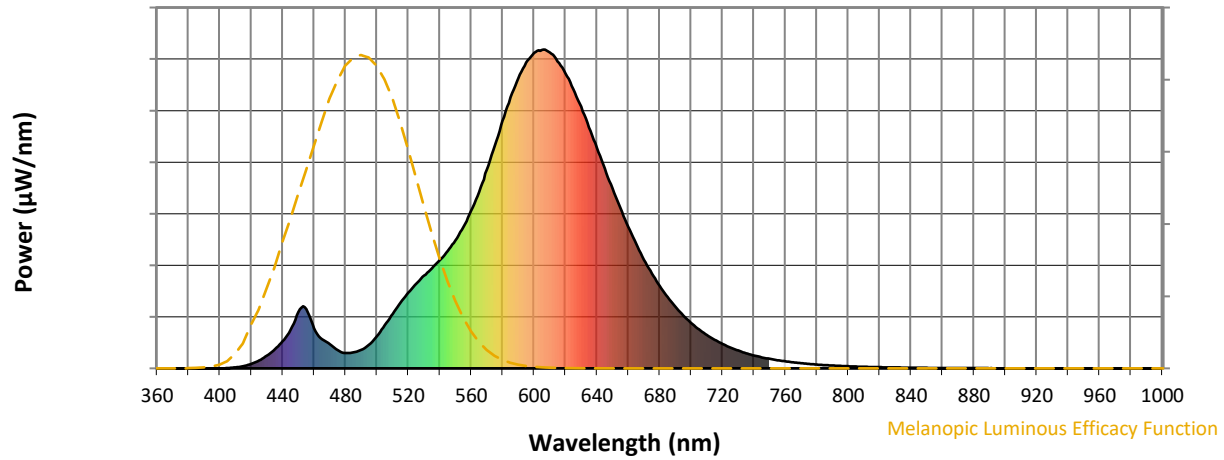
**Scotopic Lumens: NR**

**S/P: 0.87**

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.42

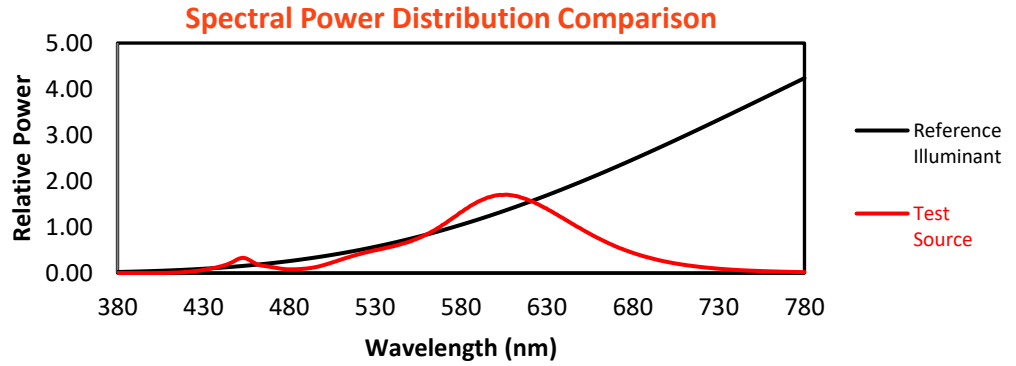
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

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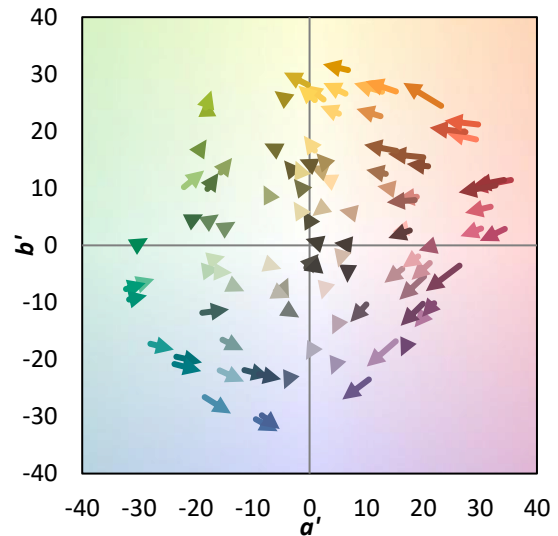
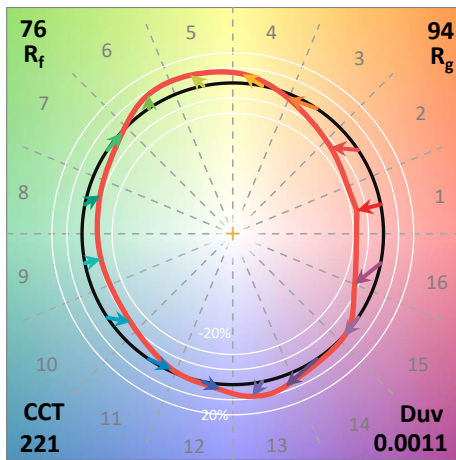
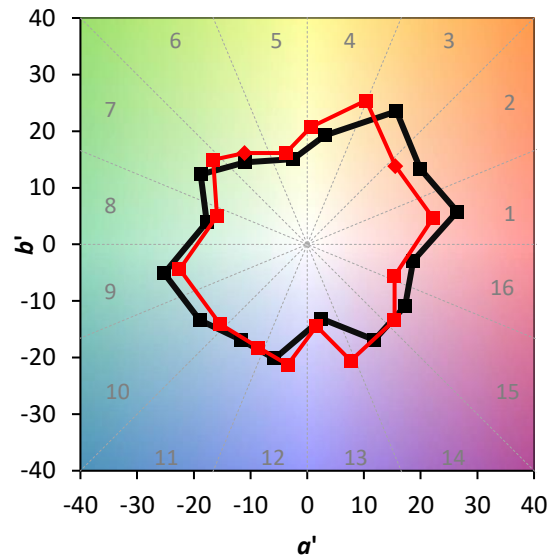
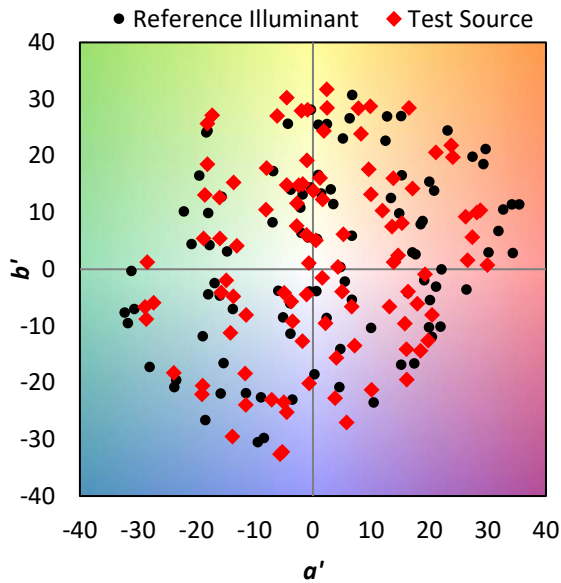
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**Summary**

$R_f = 76.1$   
 $R_g = 94.3$   
 CIE  $R_a = 71.4$   
 $R_9 = -29.2$



**Color Vector Graphics**



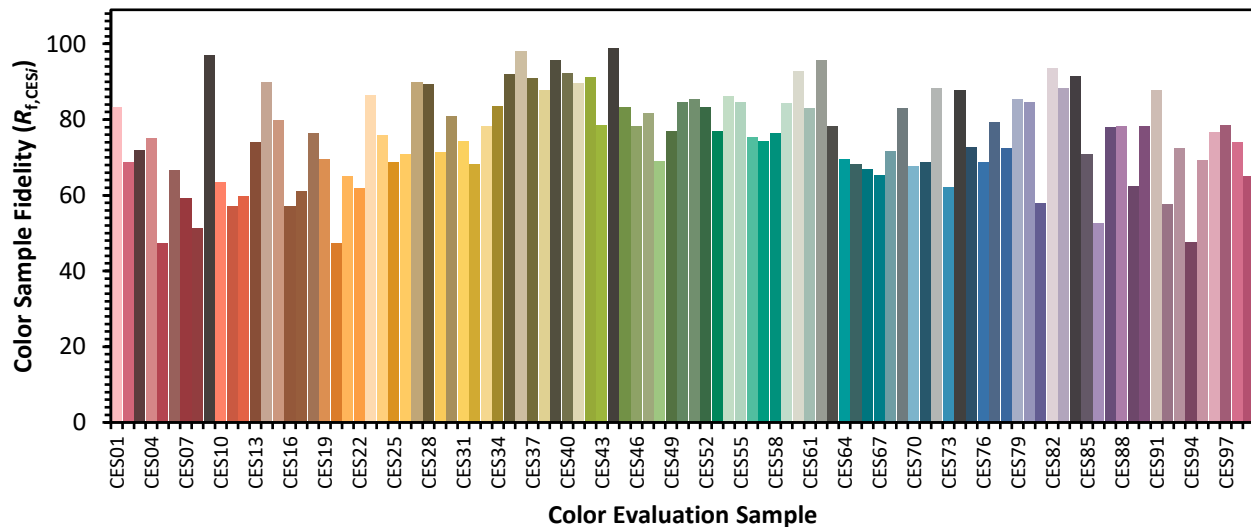


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**Individual Sample Fidelity Index ( $R_{f,i}$ )**

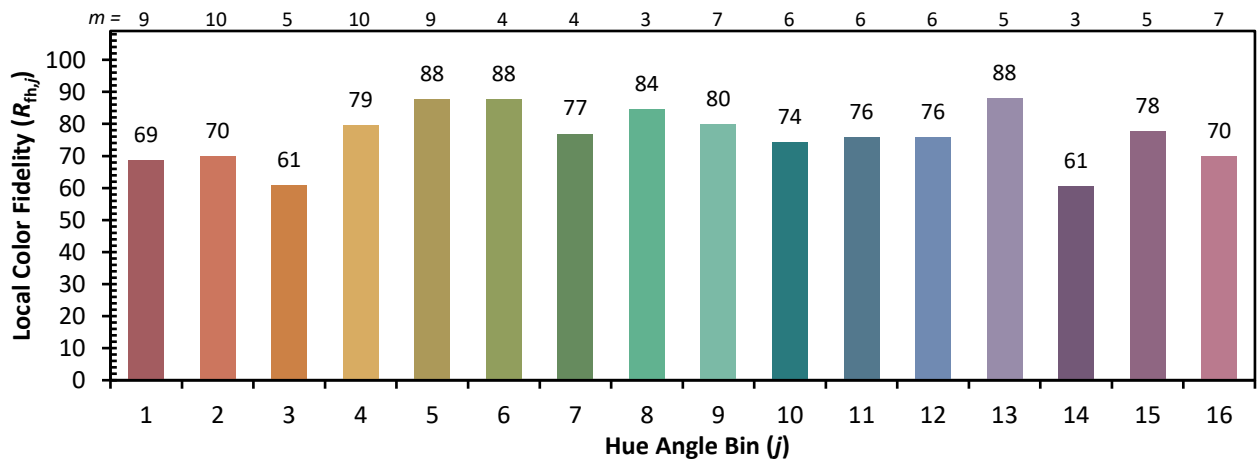
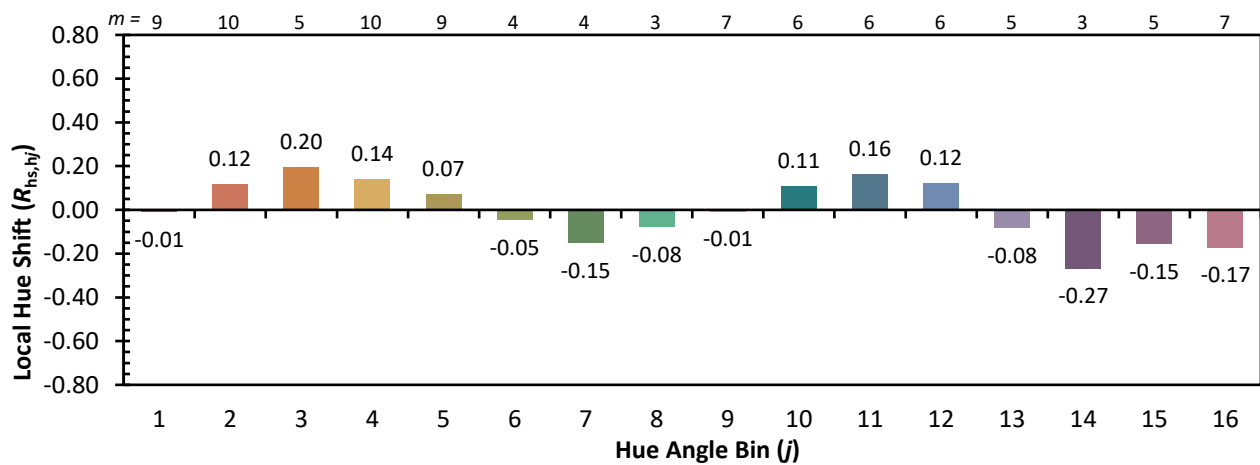
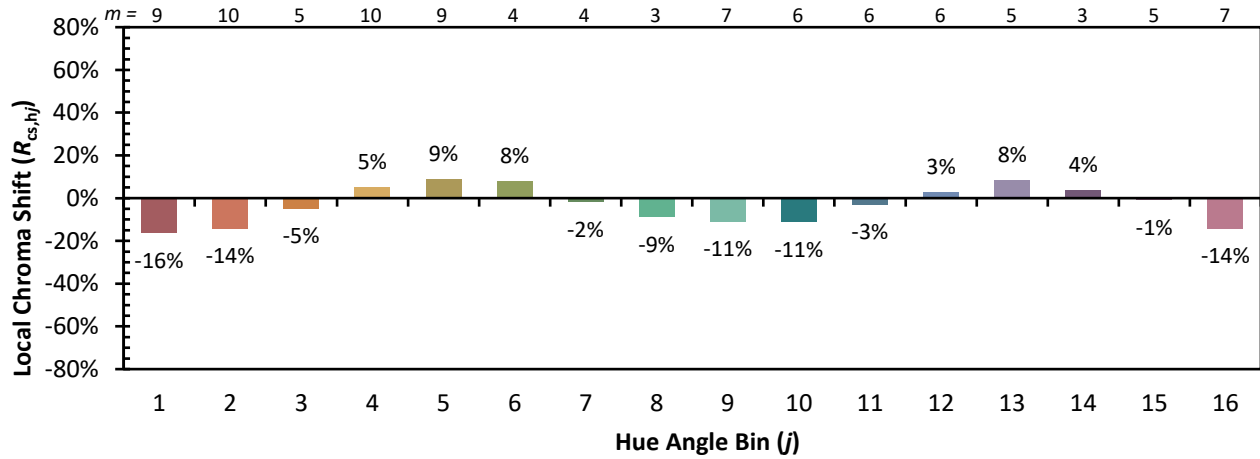
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CES02 = 65	CES27 = 90	CES52 = 83	CES77 = 79
CES03 = 32	CES28 = 89	CES53 = 77	CES78 = 72
CES04 = 72	CES29 = 71	CES54 = 86	CES79 = 86
CES05 = 52	CES30 = 81	CES55 = 85	CES80 = 85
CES06 = 52	CES31 = 74	CES56 = 75	CES81 = 58
CES07 = 44	CES32 = 68	CES57 = 74	CES82 = 93
CES08 = 42	CES33 = 78	CES58 = 76	CES83 = 88
CES09 = 29	CES34 = 84	CES59 = 84	CES84 = 92
CES10 = 79	CES35 = 92	CES60 = 93	CES85 = 71
CES11 = 62	CES36 = 98	CES61 = 83	CES86 = 53
CES12 = 68	CES37 = 91	CES62 = 96	CES87 = 78
CES13 = 45	CES38 = 88	CES63 = 78	CES88 = 78
CES14 = 75	CES39 = 96	CES64 = 69	CES89 = 63
CES15 = 72	CES40 = 92	CES65 = 68	CES90 = 78
CES16 = 49	CES41 = 90	CES66 = 67	CES91 = 88
CES17 = 51	CES42 = 91	CES67 = 65	CES92 = 58
CES18 = 57	CES43 = 79	CES68 = 72	CES93 = 72
CES19 = 74	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 68	CES45 = 83	CES70 = 68	CES95 = 69
CES21 = 88	CES46 = 78	CES71 = 69	CES96 = 77
CES22 = 81	CES47 = 82	CES72 = 88	CES97 = 79
CES23 = 92	CES48 = 69	CES73 = 62	CES98 = 74
CES24 = 92	CES49 = 77	CES74 = 88	CES99 = 65
CES25 = 74	CES50 = 85	CES75 = 73	



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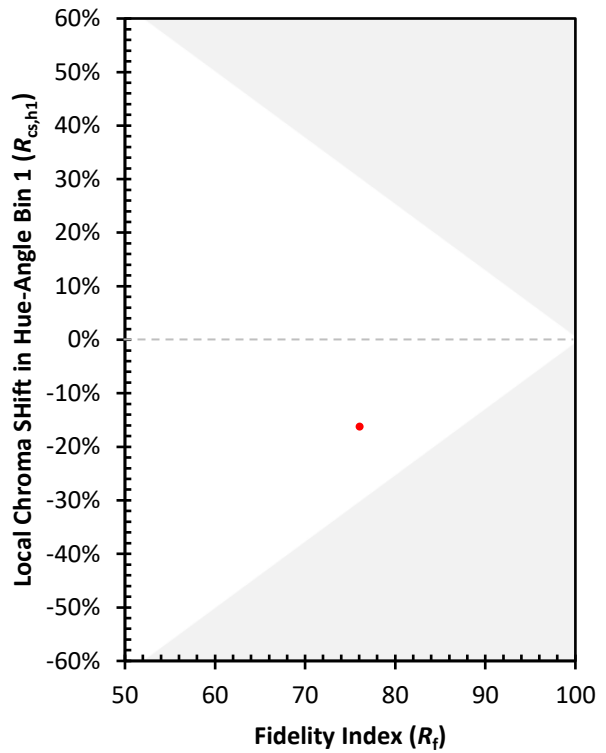
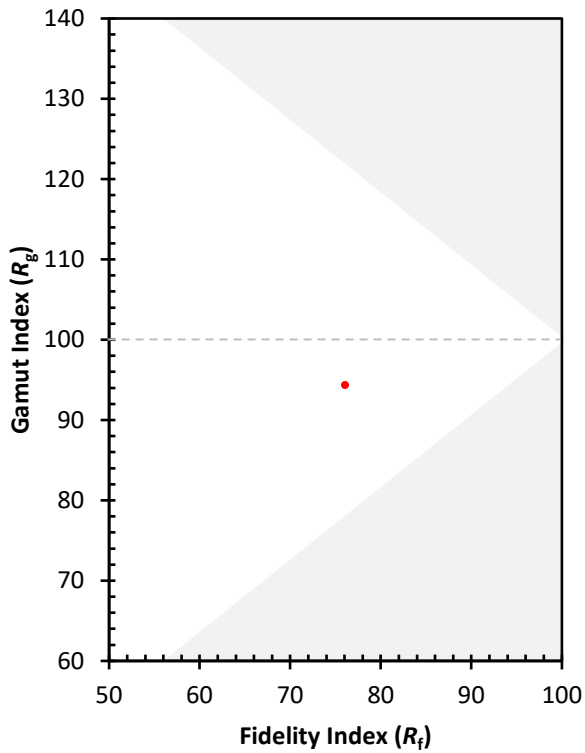
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)