

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: P856334

Luminaire Tested: **FFX-CLB-20-722-U-VM8**

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856334  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 07/16/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: FFX-CLB-20-722-U-VM8  
Description: FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK  
Light Source: (6) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

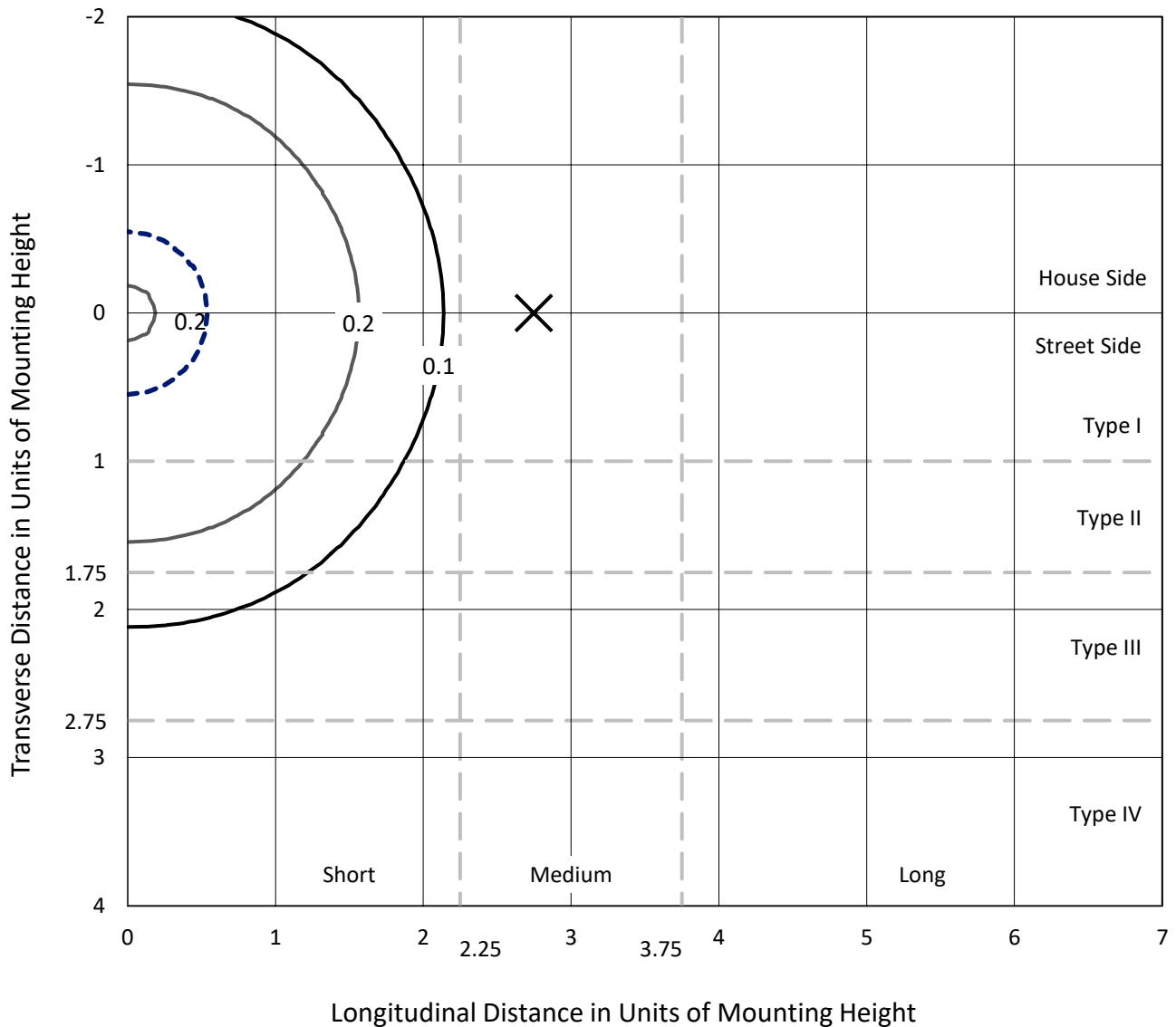
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2746.8 lumens  
Efficiency: N/A  
Efficacy: 140.9 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): 19.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.99  
Total Harmonic Distortion (THDi): 9.8%%  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Iso-Footcandle Lines of Horizontal Illumination

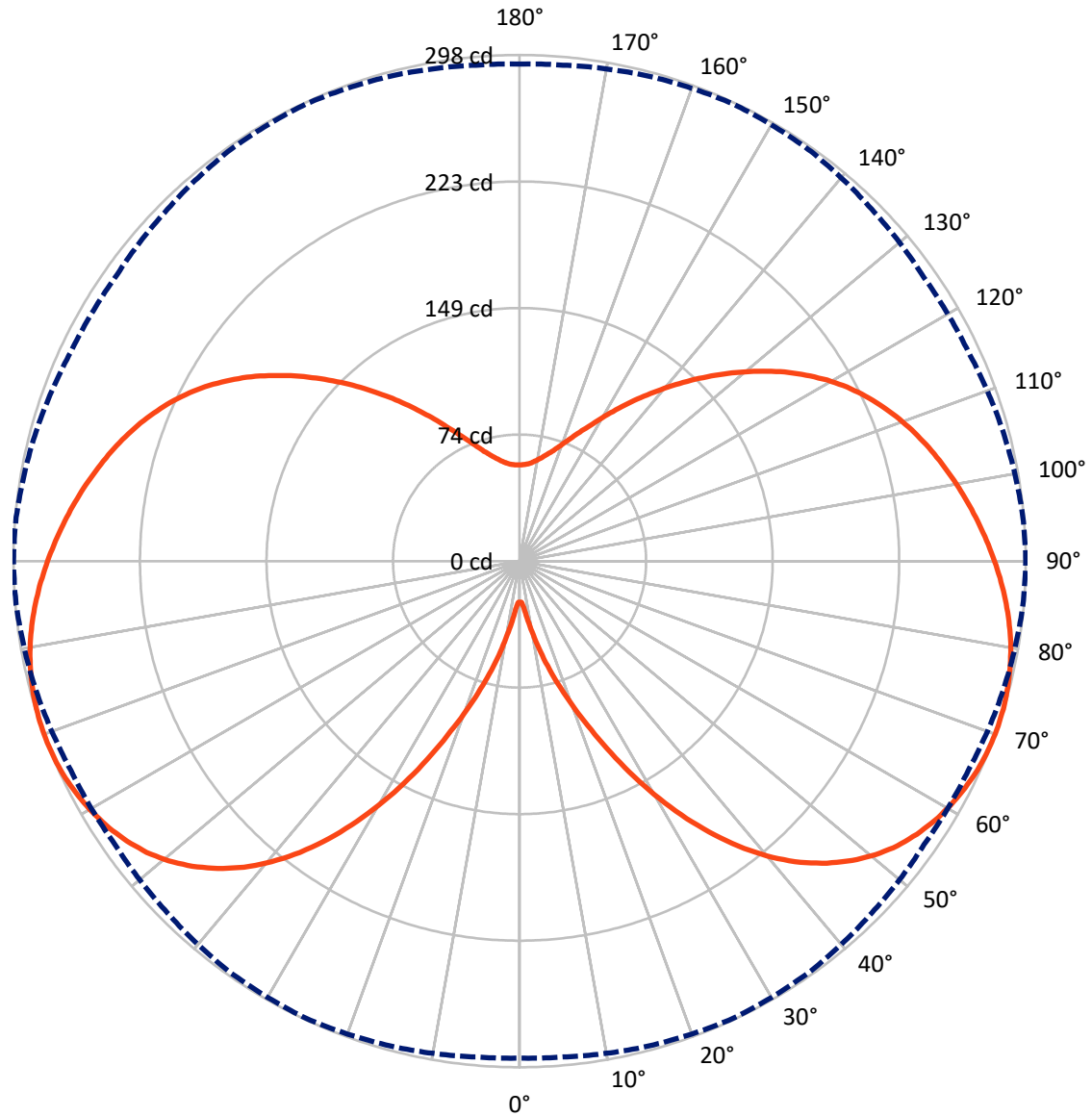
× Max cd  
 - - - 1/2 Max cd



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



— Vertical Plane Through 90-Deg Lateral      - - - Horizontal Cone Through 70-Deg Vertical

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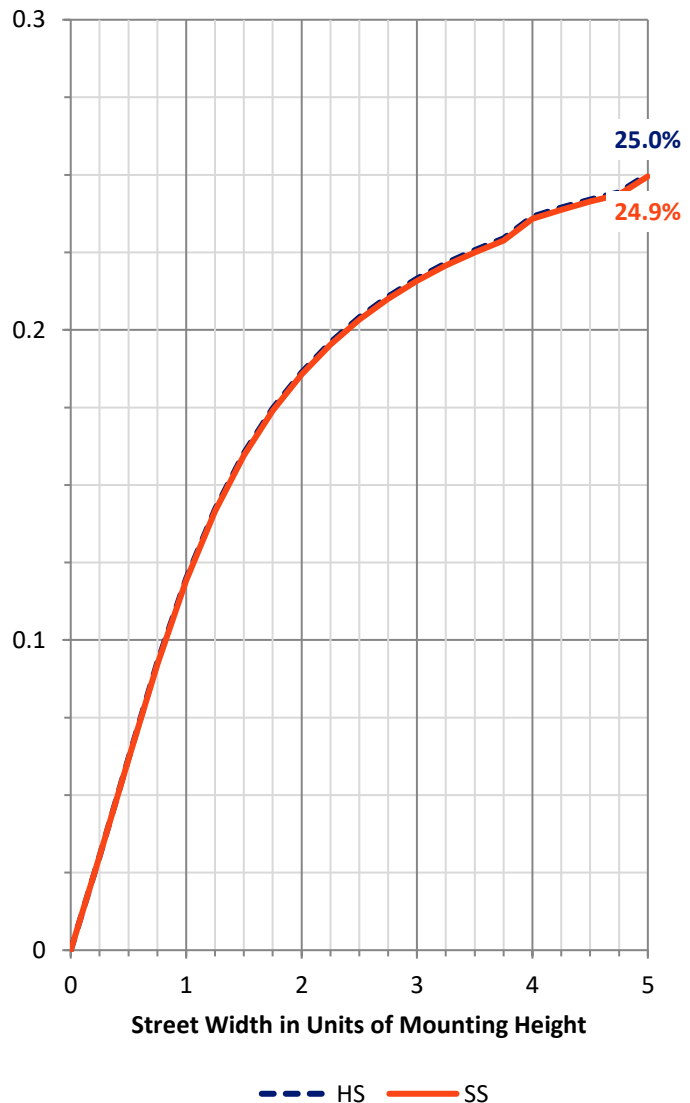
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	777.9	595.5	1373.4
	% Fixture	28.3	21.7	50.0
<b>Street Side</b>	Lumens	777.9	595.5	1373.4
	% Fixture	28.3	21.7	50.0
<b>Total</b>	Lumens	1555.7	1191.1	2746.8
	% Fixture	56.6	43.4	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3.2	0.1
10°-20°	19.7	0.7
20°-30°	58.7	2.1
30°-40°	122.7	4.5
40°-50°	192.5	7.0
50°-60°	249.9	9.1
60°-70°	289.3	10.5
70°-80°	309.7	11.3
80°-90°	310.0	11.3
90°-100°	292.3	10.6
100°-110°	261.6	9.5
110°-120°	219.9	8.0
120°-130°	168.7	6.1
130°-140°	115.4	4.2
140°-150°	70.4	2.6
150°-160°	38.5	1.4
160°-170°	18.7	0.7
170°-180°	5.6	0.2
0°-90°	1555.7	56.6
0°-180°	2746.8	100.0

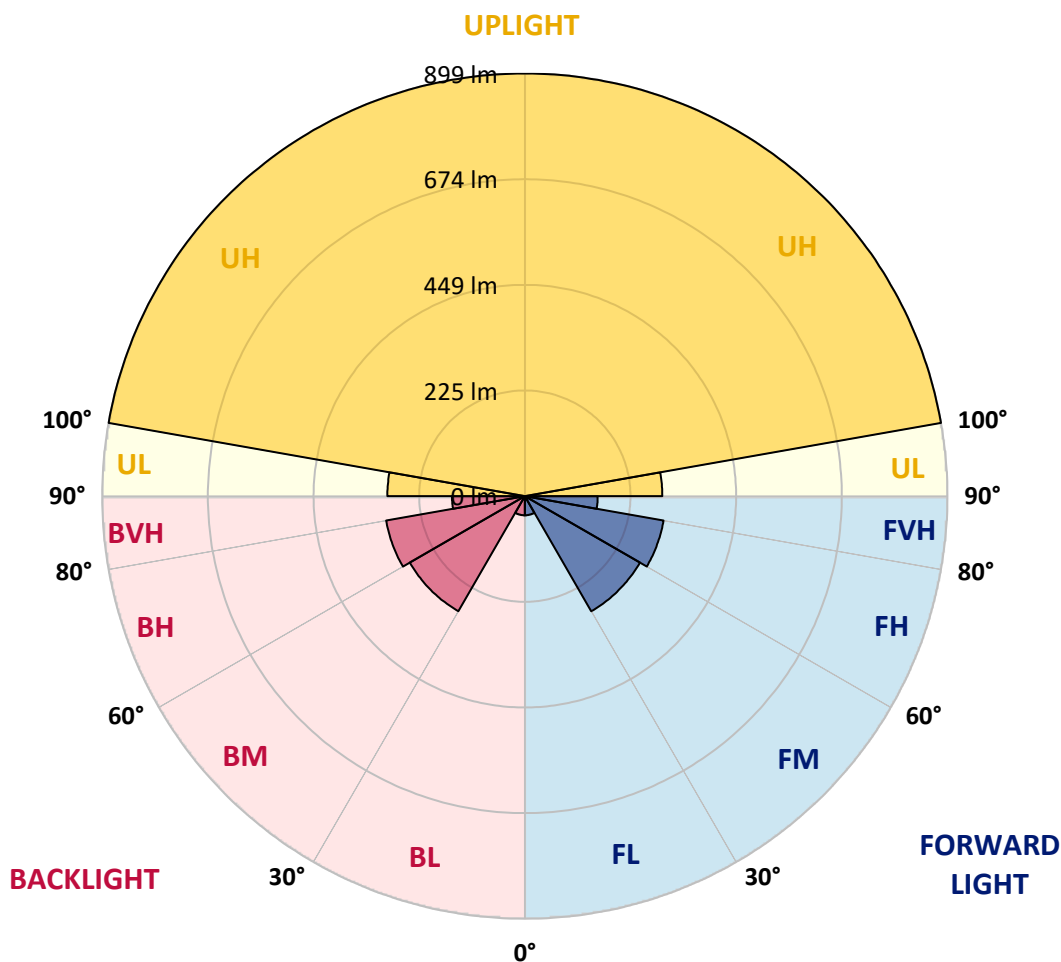


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	40.8	1.5			
FM (30°-60°)	282.6	10.3			
FH (60°-80°)	299.5	10.9			G0/660
FVH (80°-90°)	155.0	5.6			G2/225
BL (0°-30°)	40.8	1.5	B0/110		
BM (30°-60°)	282.6	10.3	B1/1000		
BH (60°-80°)	299.5	10.9	B1/500		G0/660
BVH (80°-90°)	155.0	5.6			G2/225
UL (90°-100°)	292.3	10.6		U3/500	
UH (100°-180°)	898.7	32.7		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°	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
2.5°	25.2	25.2	25.0	25.0	24.8	24.6	24.6	24.6	24.5	24.5	24.3
5°	28.7	28.5	28.5	28.3	28.5	28.3	28.3	28.3	28.3	28.0	28.0
7.5°	35.6	35.4	35.4	35.2	35.6	35.2	35.2	35.4	35.4	35.2	35.2
10°	44.5	44.4	44.4	44.0	44.4	44.2	44.2	43.8	44.0	43.8	44.0
12.5°	55.3	54.7	54.7	54.6	54.9	54.7	54.6	54.2	54.6	54.4	54.4
15°	66.4	66.5	66.4	66.2	66.5	66.5	66.4	66.0	66.4	66.0	66.2
17.5°	78.7	78.7	78.7	78.2	78.7	78.9	78.7	78.3	78.5	78.7	78.7
20°	92.1	92.1	92.2	91.9	92.8	92.2	92.1	91.9	92.1	92.2	92.4
22.5°	106.9	106.9	107.0	106.9	107.4	107.4	107.2	107.2	107.4	107.7	107.7
25°	123.2	123.4	123.4	122.9	124.1	124.5	124.1	124.1	124.5	125.0	125.0
27.5°	140.1	140.8	140.5	140.5	142.1	142.2	142.1	142.2	142.8	143.3	143.5
30°	157.6	158.1	158.8	158.3	160.0	160.2	160.4	160.5	161.2	162.1	162.1
32.5°	175.0	175.5	175.9	175.9	178.1	178.0	177.8	178.5	179.6	179.9	180.4
35°	192.4	192.4	192.8	192.9	195.2	195.0	195.4	195.9	197.0	197.7	198.0
37.5°	208.1	207.7	208.6	209.0	210.7	210.9	211.1	211.9	213.2	214.1	214.4
40°	222.3	222.0	223.0	223.6	225.1	225.1	225.5	226.6	228.0	228.8	229.0
42.5°	235.0	234.8	235.9	236.6	238.2	238.0	237.8	239.2	240.8	241.9	242.2
45°	245.9	245.7	247.2	248.0	249.3	248.9	248.9	250.1	251.9	253.1	253.3
47.5°	255.3	255.3	256.8	257.9	258.9	258.4	258.1	259.3	261.1	262.8	263.0
50°	263.5	263.3	265.1	266.3	267.2	266.5	266.0	267.2	269.2	270.9	271.3
52.5°	270.0	270.4	272.2	273.7	274.4	273.4	272.5	273.7	275.8	277.8	278.1
55°	275.7	275.8	277.8	279.7	280.1	278.7	277.6	278.7	281.0	283.1	283.4
57.5°	280.1	280.4	282.7	284.5	284.6	283.1	281.8	282.7	285.2	287.3	287.8
60°	283.9	284.3	286.4	288.3	288.5	286.6	285.0	285.7	288.3	290.8	291.2
62.5°	286.9	287.5	289.8	291.5	291.5	289.2	287.3	288.0	290.8	293.5	293.8
65°	289.4	289.9	292.2	294.0	293.8	291.2	289.1	289.8	292.7	295.4	295.9
67.5°	291.2	291.5	294.0	295.7	295.0	292.2	290.1	290.6	293.8	296.4	297.0
70°	292.2	292.6	295.0	296.6	295.6	292.6	290.3	291.0	294.2	297.0	297.5
72.5°	292.7	293.3	295.6	297.0	295.7	292.4	289.9	290.8	294.0	297.0	297.3
75°	292.6	292.9	295.2	296.4	294.9	291.7	289.1	289.9	293.3	295.9	296.4
77.5°	291.7	292.0	294.2	295.2	293.3	290.1	287.6	288.5	291.7	294.3	294.9
80°	290.3	290.6	292.6	293.3	291.3	288.2	285.9	286.8	289.8	292.2	292.7
82.5°	288.0	288.5	290.3	290.6	288.5	285.7	283.4	284.3	287.1	289.4	289.8
85°	285.2	285.5	287.1	287.3	285.2	282.7	280.8	281.7	284.1	285.9	286.4
87.5°	282.0	282.0	283.6	283.6	281.3	279.0	277.6	278.3	280.6	282.0	282.5
90°	278.1	278.3	279.4	279.2	277.1	275.1	273.9	274.8	276.7	278.0	278.3
92.5°	273.9	274.1	275.0	274.6	272.5	270.9	269.9	270.9	272.7	273.6	273.9
95°	269.3	269.5	270.2	269.5	267.6	266.3	265.5	266.7	268.1	269.0	269.3
97.5°	264.6	264.8	265.3	264.6	262.5	261.4	261.1	262.1	263.5	264.2	264.6
100°	259.7	259.7	260.0	258.9	257.2	256.3	256.1	257.4	258.8	259.5	259.8
102.5°	254.2	254.4	254.4	253.3	251.6	251.0	251.0	252.4	253.8	254.4	254.7
105°	248.6	248.6	248.6	247.7	245.7	245.4	245.6	247.0	248.6	249.3	249.6
107.5°	242.4	242.6	242.2	241.3	239.8	239.4	239.8	241.7	243.1	243.8	244.2
110°	235.9	236.1	235.9	234.8	233.4	233.2	233.8	235.7	237.1	237.8	238.4



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	229.0	229.2	229.0	228.1	226.7	226.7	227.4	229.4	231.0	231.5	232.0
115°	221.8	222.0	221.6	220.9	219.5	219.9	220.6	222.5	224.1	224.6	225.3
117.5°	214.1	214.2	214.1	213.2	211.9	212.3	213.4	215.3	216.7	217.2	217.9
120°	205.6	205.6	205.6	204.7	203.5	204.2	205.3	207.4	208.6	209.0	209.7
122.5°	197.0	196.6	196.6	196.1	194.7	195.6	196.6	198.7	200.0	200.2	200.7
125°	187.5	187.7	187.1	186.8	185.5	186.6	187.5	189.6	190.6	190.8	191.4
127.5°	177.3	177.8	177.3	176.7	175.9	176.9	178.0	179.9	180.8	181.0	181.3
130°	167.8	167.8	167.2	166.9	166.0	167.1	168.1	169.9	170.8	170.8	171.1
132.5°	158.3	157.7	157.6	157.2	156.1	157.4	158.1	159.8	160.5	160.4	160.7
135°	147.9	147.9	147.3	147.2	146.3	147.5	148.2	149.8	150.3	150.2	150.5
137.5°	138.2	138.2	137.8	137.5	137.0	138.0	138.7	139.9	140.5	139.9	140.5
140°	128.7	128.7	128.5	128.2	127.6	128.7	129.2	130.3	130.8	130.3	130.6
142.5°	119.9	119.5	119.4	119.2	118.5	119.5	119.9	120.9	121.1	120.8	121.3
145°	110.6	110.7	110.6	110.4	109.8	110.7	111.1	112.0	112.1	111.8	112.3
147.5°	102.8	102.3	102.5	102.3	101.7	102.6	102.8	103.3	103.7	103.3	103.7
150°	95.1	94.7	94.7	94.5	94.2	94.9	95.1	95.6	95.8	95.4	95.8
152.5°	88.2	88.0	88.0	87.8	87.5	88.0	88.2	88.5	88.7	88.4	88.5
155°	82.0	81.9	81.9	81.7	81.3	81.9	81.9	82.2	82.4	82.2	82.4
157.5°	76.6	76.4	76.4	76.4	76.0	76.4	76.4	76.8	76.8	76.6	76.8
160°	72.2	71.8	72.0	71.8	71.5	71.8	71.8	72.0	72.0	72.0	72.0
162.5°	68.1	68.1	68.1	67.9	67.8	67.9	67.9	68.1	68.1	68.1	67.9
165°	65.0	65.0	65.0	64.8	64.6	64.8	64.8	64.8	64.8	64.8	64.8
167.5°	62.3	62.1	62.3	62.1	62.0	62.1	62.1	62.1	62.1	62.1	62.1
170°	60.0	60.0	60.0	60.0	59.9	60.0	60.0	60.0	60.0	60.0	60.0
172.5°	58.6	58.4	58.4	58.4	58.3	58.4	58.3	58.4	58.3	58.4	58.3
175°	57.4	57.4	57.4	57.4	57.2	57.2	57.2	57.2	57.2	57.2	57.2
177.5°	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
180°	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5



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

REPORT NUMBER: SP1-2406-133-2

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			

REPORT NUMBER: SP1-2406-133-2

**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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**Summary**

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



**Color Vector Graphics**



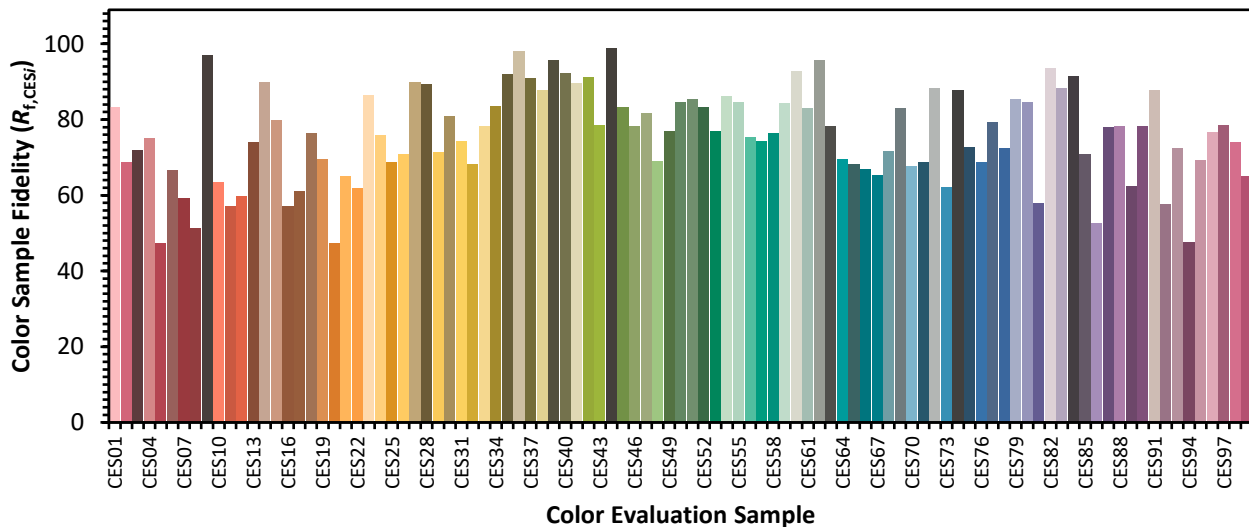


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**Individual Sample Fidelity Index ( $R_{f,i}$ )**

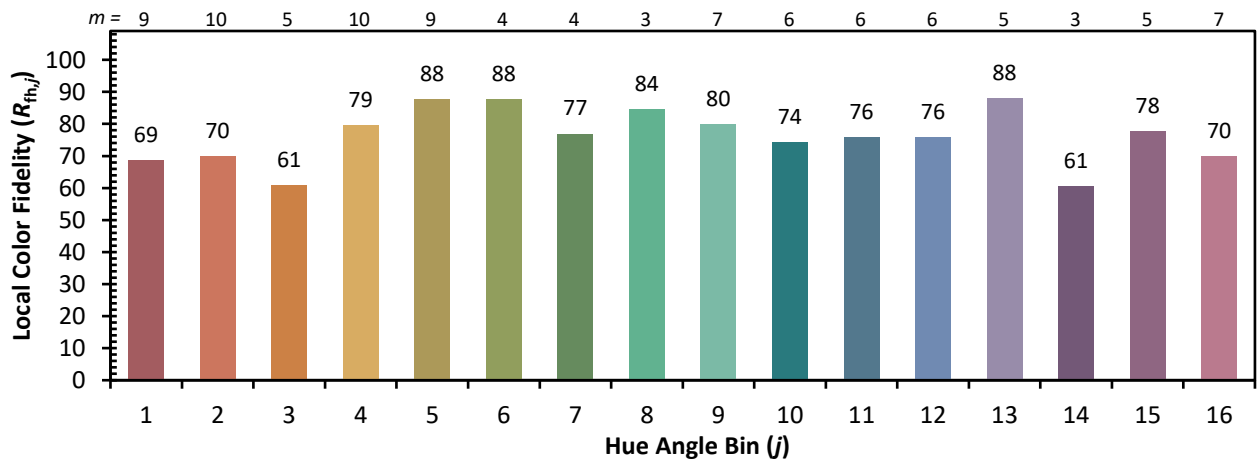
CES01 = 87	CES26 = 71	CES51 = 85	CES76 = 69
CES02 = 65	CES27 = 90	CES52 = 83	CES77 = 79
CES03 = 32	CES28 = 89	CES53 = 77	CES78 = 72
CES04 = 72	CES29 = 71	CES54 = 86	CES79 = 86
CES05 = 52	CES30 = 81	CES55 = 85	CES80 = 85
CES06 = 52	CES31 = 74	CES56 = 75	CES81 = 58
CES07 = 44	CES32 = 68	CES57 = 74	CES82 = 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)