

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: P856064

Luminaire Tested: **FFX-CLB-20-722-U-FR-T5**

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856064  
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-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

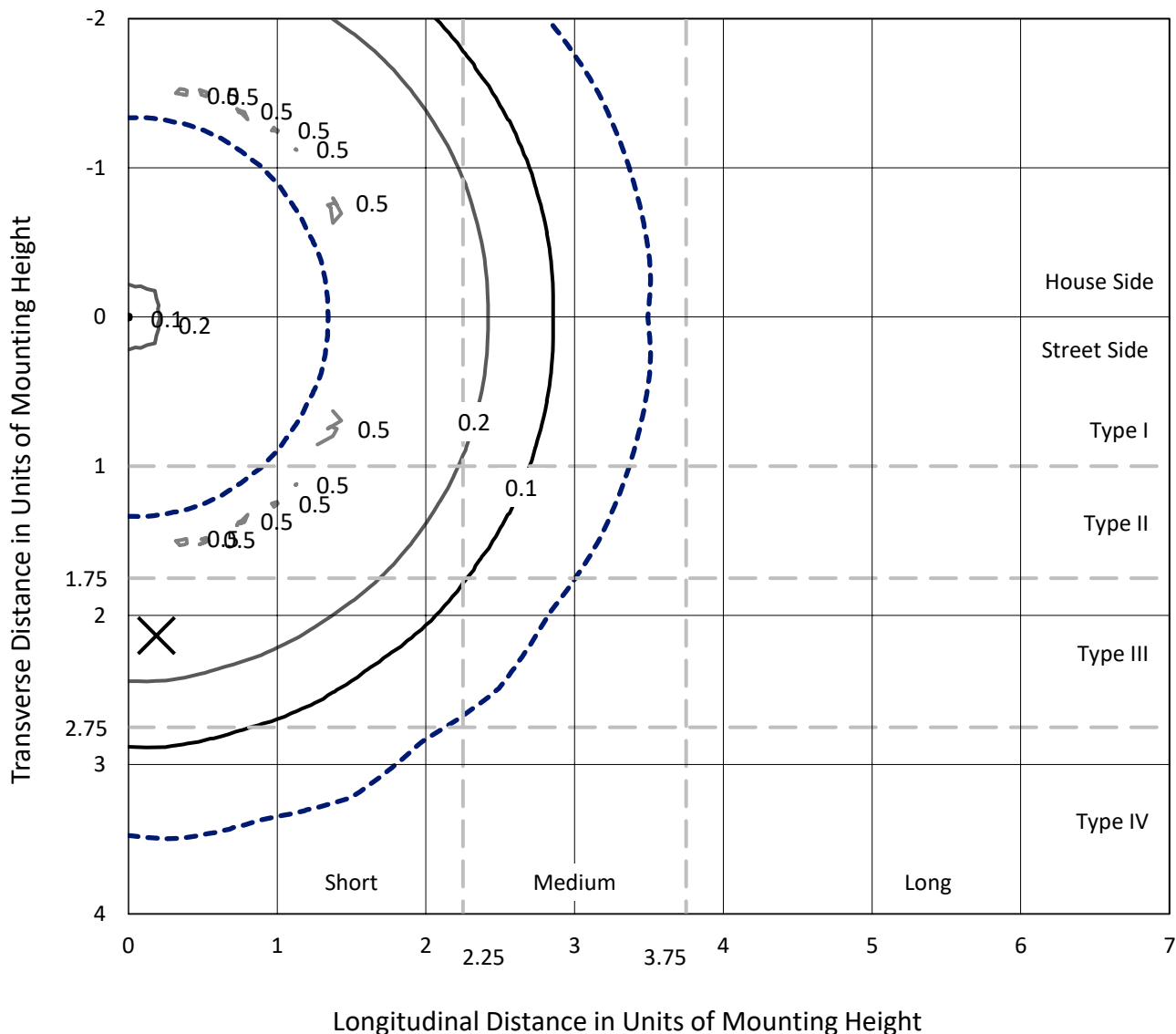
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2768.8 lumens  
Efficiency: N/A  
Efficacy: 142.0 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 1.17' x H: 1.67')  
IES Classification: Type V - Short  
BUG Rating: B2 - U3 - G1  
  
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

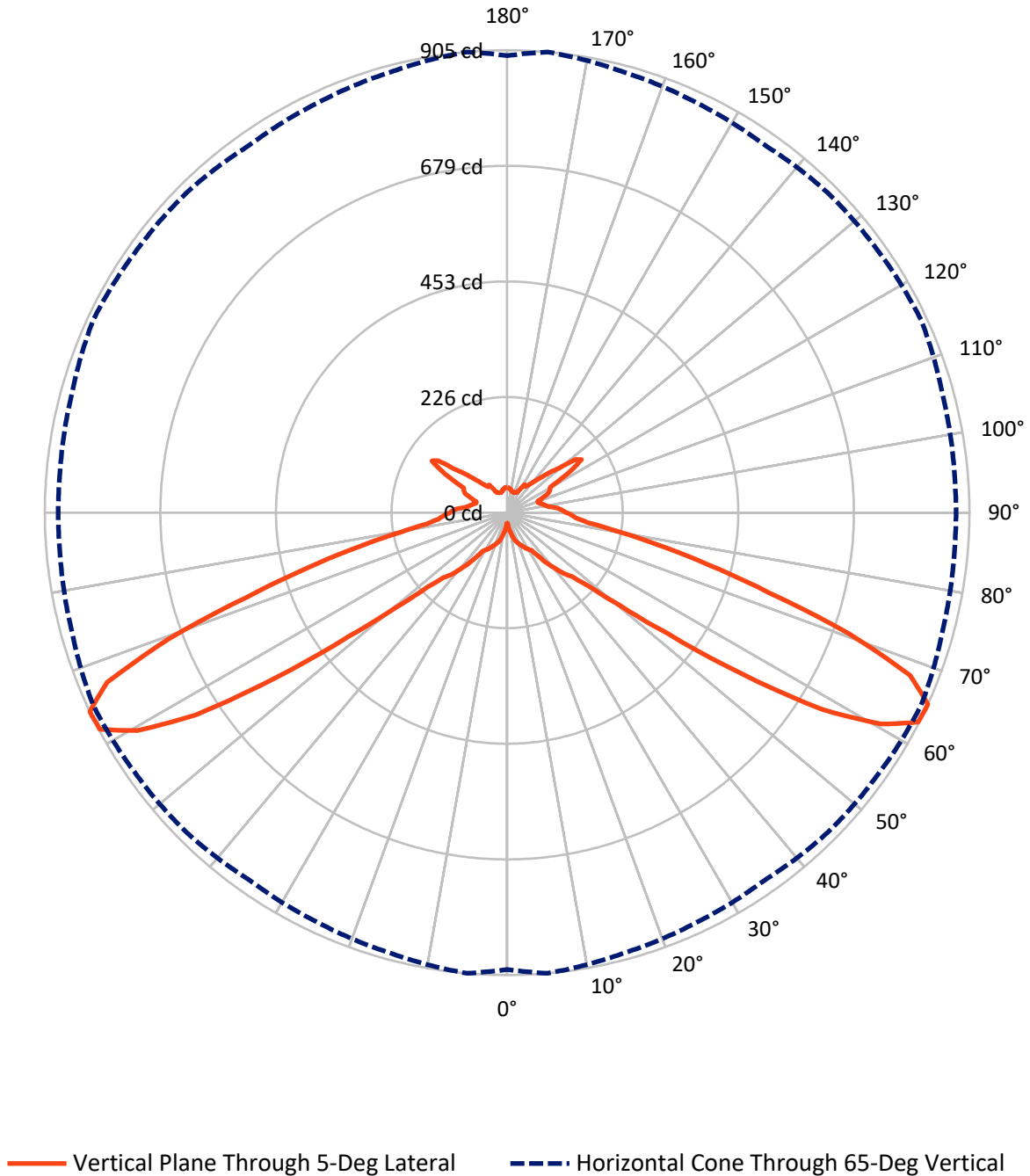
× Max cd  
 - - - 1/2 Max cd



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



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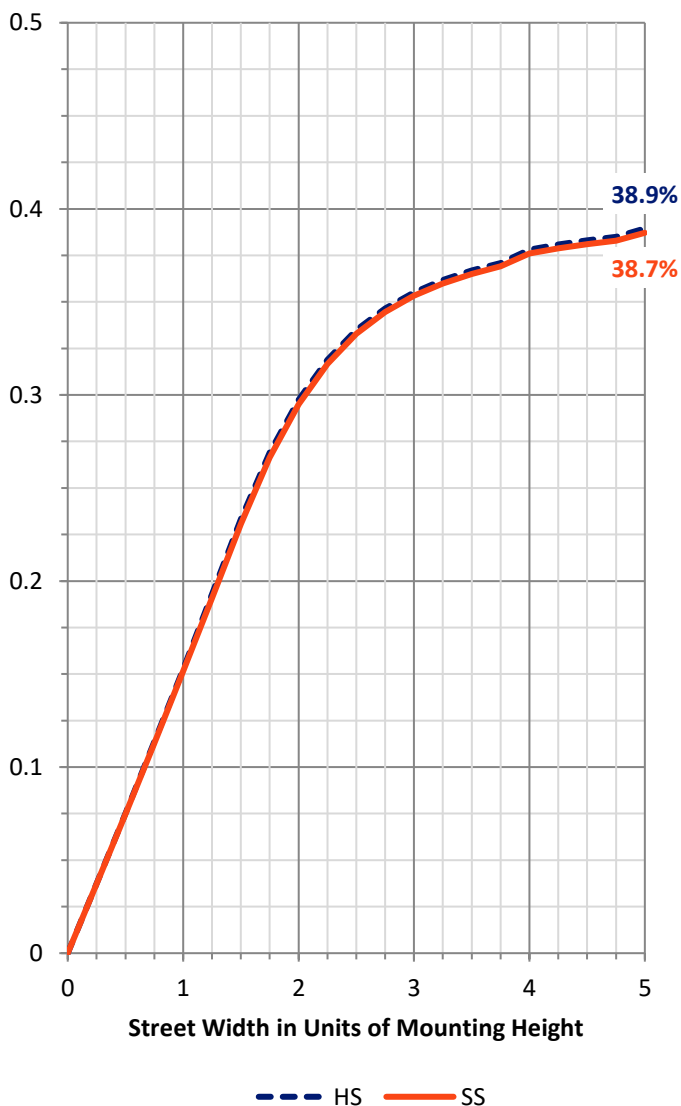
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1115.7	268.7	1384.4
	% Fixture	40.3	9.7	50.0
<b>Street Side</b>	Lumens	1115.7	268.7	1384.4
	% Fixture	40.3	9.7	50.0
<b>Total</b>	Lumens	2231.5	537.4	2768.8
	% Fixture	80.6	19.4	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3.1	0.1
10°-20°	15.8	0.6
20°-30°	34.4	1.2
30°-40°	68.2	2.5
40°-50°	147.9	5.3
50°-60°	509.2	18.4
60°-70°	836.4	30.2
70°-80°	448.9	16.2
80°-90°	167.6	6.1
90°-100°	105.9	3.8
100°-110°	70.9	2.6
110°-120°	77.9	2.8
120°-130°	129.0	4.7
130°-140°	75.9	2.7
140°-150°	40.2	1.5
150°-160°	21.1	0.8
160°-170°	12.0	0.4
170°-180°	4.5	0.2
0°-90°	2231.5	80.6
0°-180°	2768.8	100.0



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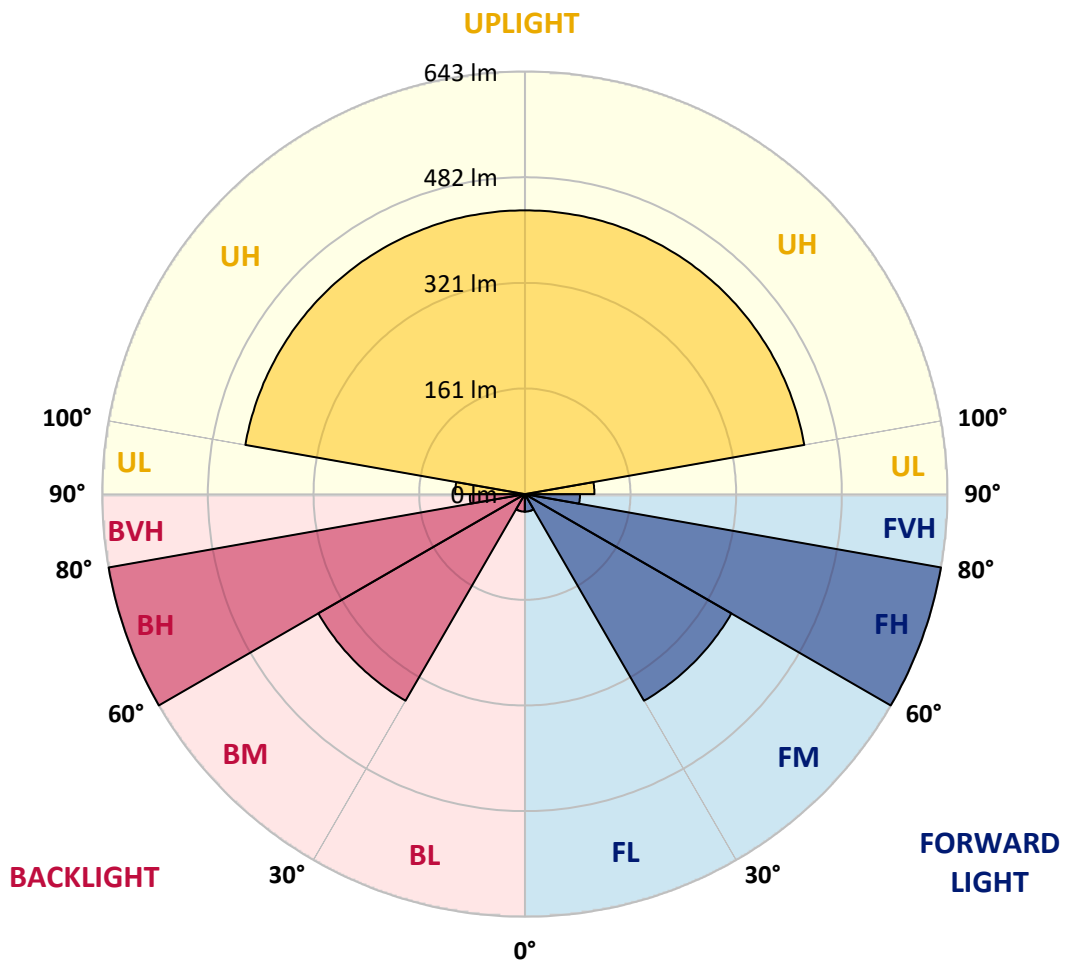
CATALOG NUMBER: FFX-CLB-20-722-U-FR-T5

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	26.7	1.0			
FM (30°-60°)	362.6	13.1			
FH (60°-80°)	642.6	23.2			G0/660
FVH (80°-90°)	83.8	3.0			G1/100
BL (0°-30°)	26.7	1.0	B0/110		
BM (30°-60°)	362.6	13.1	B1/1000		
BH (60°-80°)	642.6	23.2	B2/1000		G0/660
BVH (80°-90°)	83.8	3.0			G1/100
UL (90°-100°)	105.9	3.8		U3/500	
UH (100°-180°)	431.5	15.6		U3/500	

**BUG Rating: B2-U3-G1**

Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
2.5°	21.7	21.7	21.4	21.2	21.4	21.7	21.7	22.0	21.4	21.4	21.7
5°	29.1	29.1	29.1	28.8	28.2	28.2	27.9	28.8	29.1	29.4	29.4
7.5°	36.1	35.8	36.4	36.7	35.3	34.7	34.7	35.0	35.6	36.1	36.7
10°	40.9	40.6	40.9	42.1	41.8	40.9	40.9	40.9	41.8	43.2	43.5
12.5°	48.3	48.3	48.8	49.7	50.0	49.1	48.5	48.5	49.7	50.0	49.7
15°	56.2	56.2	55.9	55.6	55.9	55.6	55.6	55.9	56.7	56.4	56.4
17.5°	60.4	60.1	59.8	60.1	60.1	59.8	60.1	60.7	60.4	61.2	61.5
20°	64.9	64.9	64.3	64.3	64.3	64.6	64.9	64.6	64.9	65.2	65.5
22.5°	69.1	69.1	68.9	68.6	68.9	69.1	69.4	68.9	68.9	69.4	69.4
25°	73.9	73.9	73.9	73.1	73.4	73.7	73.4	73.1	73.4	73.7	73.9
27.5°	79.3	79.3	78.7	77.9	78.2	78.2	78.5	77.9	78.5	78.5	78.5
30°	83.8	83.3	83.0	82.4	82.4	83.0	83.5	82.7	83.0	83.0	83.3
32.5°	88.1	88.1	87.8	86.6	86.4	88.1	88.6	88.3	87.2	87.5	87.8
35°	103.9	103.9	101.9	99.9	101.6	101.3	103.6	103.6	103.6	104.1	105.3
37.5°	123.6	124.5	127.6	132.1	132.1	125.6	122.2	121.9	126.4	130.4	130.1
40°	141.1	142.0	141.1	141.7	141.1	141.4	141.7	141.1	138.6	137.7	136.0
42.5°	162.8	163.1	157.8	151.6	152.1	155.2	158.9	159.2	153.8	151.3	150.7
45°	178.1	178.6	176.7	175.8	175.8	177.0	176.7	176.7	174.7	174.4	173.8
47.5°	215.3	214.2	210.3	208.8	210.5	209.7	215.0	213.6	211.4	211.4	213.4
50°	285.6	284.5	284.8	283.3	287.9	281.4	287.9	286.2	282.8	284.5	285.9
52.5°	400.5	393.4	394.3	391.4	399.3	393.4	404.1	402.7	391.7	396.5	396.8
55°	565.8	556.8	556.2	537.3	552.0	554.0	567.5	570.9	549.5	549.8	551.2
57.5°	729.8	727.0	736.0	724.2	734.6	729.8	729.5	735.7	723.3	725.0	729.5
60°	838.5	840.7	850.9	854.0	857.7	850.9	837.1	839.9	839.0	853.4	854.6
62.5°	896.6	903.4	896.0	893.8	890.7	893.2	891.5	893.2	888.1	894.9	895.2
65°	894.6	905.4	892.1	883.9	878.8	886.7	889.0	894.1	883.3	879.1	879.1
67.5°	837.9	850.9	830.0	829.2	816.7	830.0	826.3	830.3	821.8	815.9	810.2
70°	697.1	708.9	683.8	686.9	665.5	687.2	681.6	688.9	682.1	670.5	663.8
72.5°	525.2	535.6	517.0	521.8	507.7	524.1	515.3	527.7	523.5	518.4	512.8
75°	397.4	405.5	406.7	422.8	405.8	413.7	397.9	405.3	412.3	418.2	412.0
77.5°	292.4	298.0	315.0	332.7	316.1	321.7	305.9	313.0	319.5	329.6	325.1
80°	206.6	213.1	228.6	241.9	229.7	234.8	224.6	228.6	233.7	241.0	236.2
82.5°	160.9	158.6	158.0	154.7	151.0	163.7	166.2	168.5	163.7	161.7	159.5
85°	134.9	135.5	138.9	143.1	143.1	143.4	140.8	142.0	143.9	147.6	147.9
87.5°	123.9	125.6	135.2	138.6	137.2	137.7	135.5	136.0	137.4	139.4	138.9
90°	109.2	113.5	122.5	125.9	123.6	124.7	123.6	124.5	123.3	123.9	122.8
92.5°	106.7	106.4	109.2	108.9	107.5	110.9	110.9	111.5	110.1	109.2	108.7
95°	98.8	98.2	97.9	98.8	95.7	98.2	97.6	98.8	98.2	98.2	97.1
97.5°	82.7	82.7	82.1	83.0	81.0	82.1	80.7	81.6	81.3	81.6	80.7
100°	76.2	76.2	75.6	75.6	74.8	75.1	74.5	74.5	74.2	73.9	73.9
102.5°	71.7	72.2	71.4	71.7	70.6	70.6	70.0	70.3	70.0	70.0	69.7
105°	67.4	67.7	67.2	67.2	66.3	66.0	65.5	65.8	66.0	65.5	65.5
107.5°	63.2	63.5	63.2	63.2	62.4	61.8	61.0	61.0	61.2	61.5	61.5
110°	64.9	64.1	63.2	62.7	63.8	62.1	61.5	61.2	61.5	62.4	62.7



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	77.6	77.0	77.0	74.5	77.3	75.6	74.5	72.5	73.4	73.9	73.9
115°	90.0	90.3	86.9	85.8	84.1	83.8	84.7	82.4	82.1	82.4	81.8
117.5°	101.0	95.1	82.4	79.0	78.2	77.6	77.0	76.5	75.9	79.3	75.6
120°	108.1	97.9	88.6	86.6	91.4	84.7	80.1	79.3	81.0	86.9	86.1
122.5°	153.2	144.5	137.7	125.9	137.7	130.9	132.6	129.5	127.8	124.5	125.0
125°	179.2	178.9	175.8	173.6	176.4	173.8	171.0	169.9	168.2	169.0	167.6
127.5°	166.5	169.0	165.1	169.6	159.5	162.3	161.7	163.7	162.0	162.6	160.3
130°	131.8	133.8	130.1	127.8	123.3	128.4	128.7	131.8	128.4	123.9	123.3
132.5°	115.1	116.6	110.9	108.1	105.0	109.5	111.5	113.2	110.9	106.1	105.0
135°	97.9	98.5	94.5	95.1	93.1	93.1	92.8	93.7	94.8	94.0	93.4
137.5°	84.1	85.5	84.1	85.8	84.1	82.7	80.4	81.3	83.8	85.8	85.5
140°	72.8	74.2	74.5	76.2	72.8	73.4	72.0	72.5	73.9	75.9	76.8
142.5°	64.6	65.8	63.2	61.8	60.7	64.1	66.6	66.9	65.2	62.9	63.8
145°	62.9	61.8	62.9	61.8	62.9	62.4	62.7	62.4	62.4	62.4	62.4
147.5°	63.8	64.9	64.9	64.9	63.2	63.5	63.8	64.1	64.1	65.2	64.9
150°	53.1	54.5	54.2	55.6	53.1	53.6	53.9	54.5	54.8	55.0	55.3
152.5°	44.9	45.2	46.0	46.6	46.3	46.0	45.7	45.7	46.3	46.8	47.1
155°	43.7	43.7	44.6	45.4	44.6	44.6	44.3	44.3	44.6	45.4	45.4
157.5°	42.1	42.3	42.3	42.9	42.3	42.6	42.3	42.3	42.6	42.9	43.2
160°	41.2	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.8	41.8
162.5°	41.2	41.2	41.2	40.9	40.9	41.2	41.2	41.2	41.2	40.9	41.2
165°	42.1	41.8	41.5	41.2	41.5	42.1	42.3	42.3	42.1	41.5	41.8
167.5°	43.7	43.7	43.5	43.2	43.5	43.7	44.0	44.0	43.7	43.5	43.5
170°	45.4	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
172.5°	46.6	46.6	46.8	46.6	46.8	46.8	46.6	46.6	46.6	46.6	46.8
175°	48.3	48.3	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5
177.5°	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
180°	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7



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**

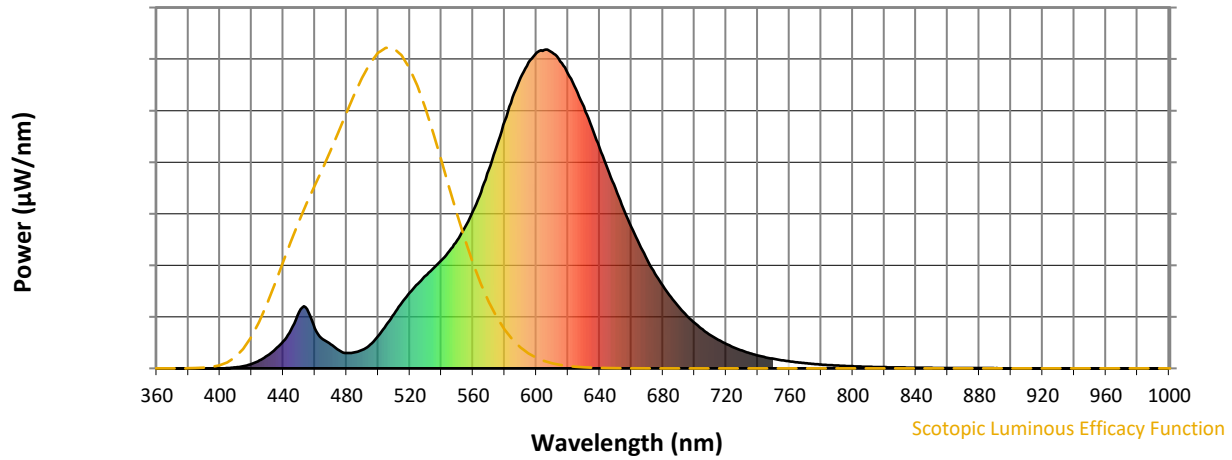


**Photopic Lumens: NR**

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			

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**



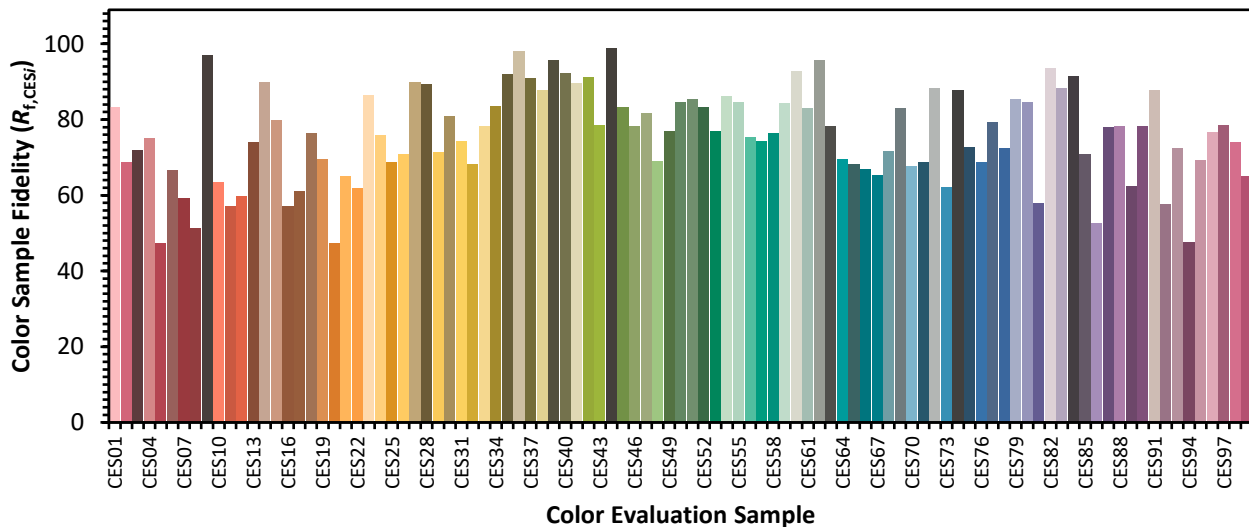


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**Individual Sample Fidelity Index ( $R_{f,i}$ )**

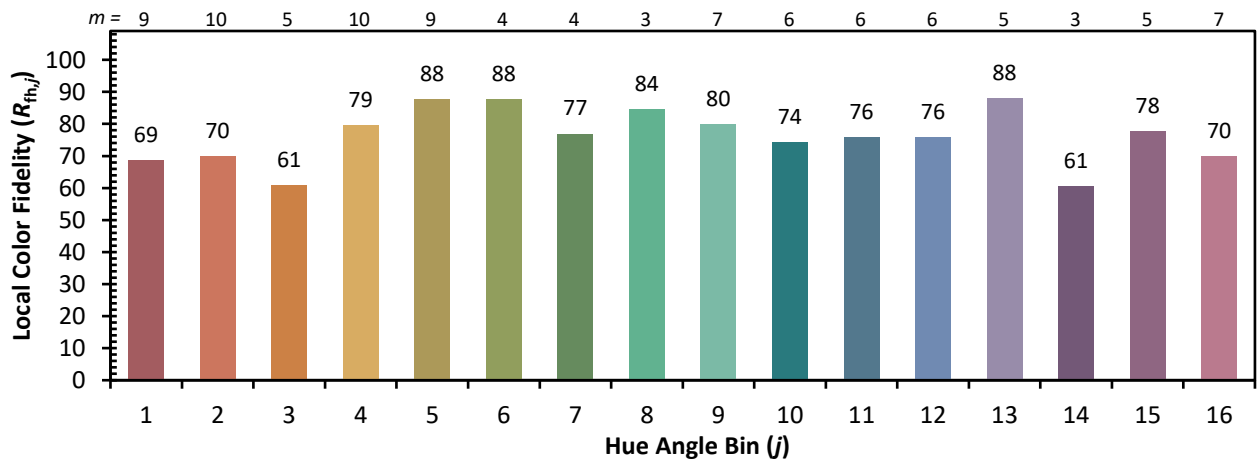
CES01 = 87	CES26 = 71	CES51 = 85	CES76 = 69
CES02 = 65	CES27 = 90	CES52 = 83	CES77 = 79
CES03 = 32	CES28 = 89	CES53 = 77	CES78 = 72
CES04 = 72	CES29 = 71	CES54 = 86	CES79 = 86
CES05 = 52	CES30 = 81	CES55 = 85	CES80 = 85
CES06 = 52	CES31 = 74	CES56 = 75	CES81 = 58
CES07 = 44	CES32 = 68	CES57 = 74	CES82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