

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: P856243

Luminaire Tested: **FFX-CLB-30-722-U-PG**

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856243  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 07/16/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: FFX-CLB-30-722-U-PG  
Description: FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE  
Light Source: (6) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

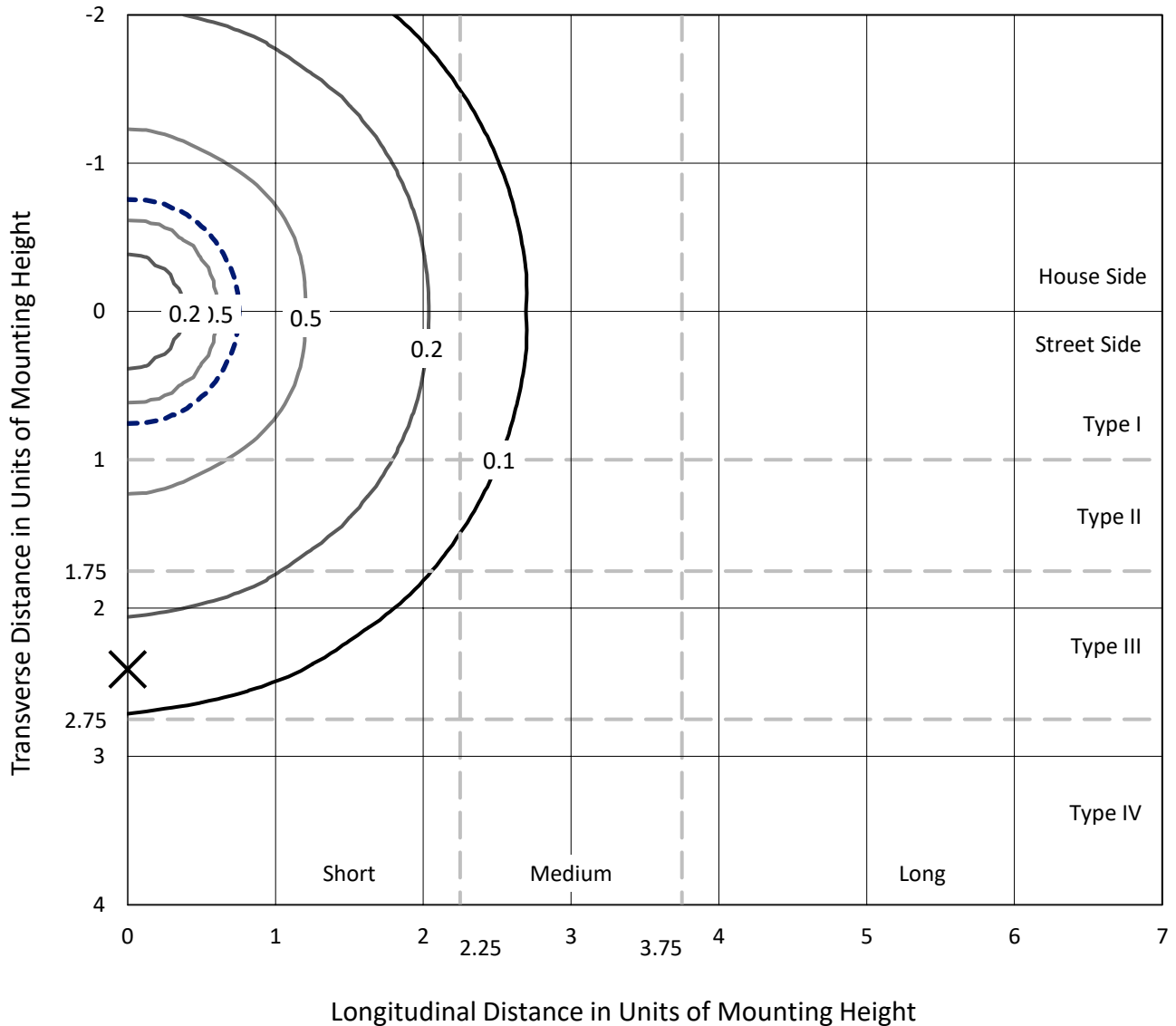
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4298.6 lumens  
Efficiency: N/A  
Efficacy: 140.9 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): 30.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.99  
Total Harmonic Distortion (THDi): 10.6%%  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

REPORT NUMBER: P856243  
 CATALOG NUMBER: FFX-CLB-30-722-U-PG

### Iso-Footcandle Lines of Horizontal Illumination

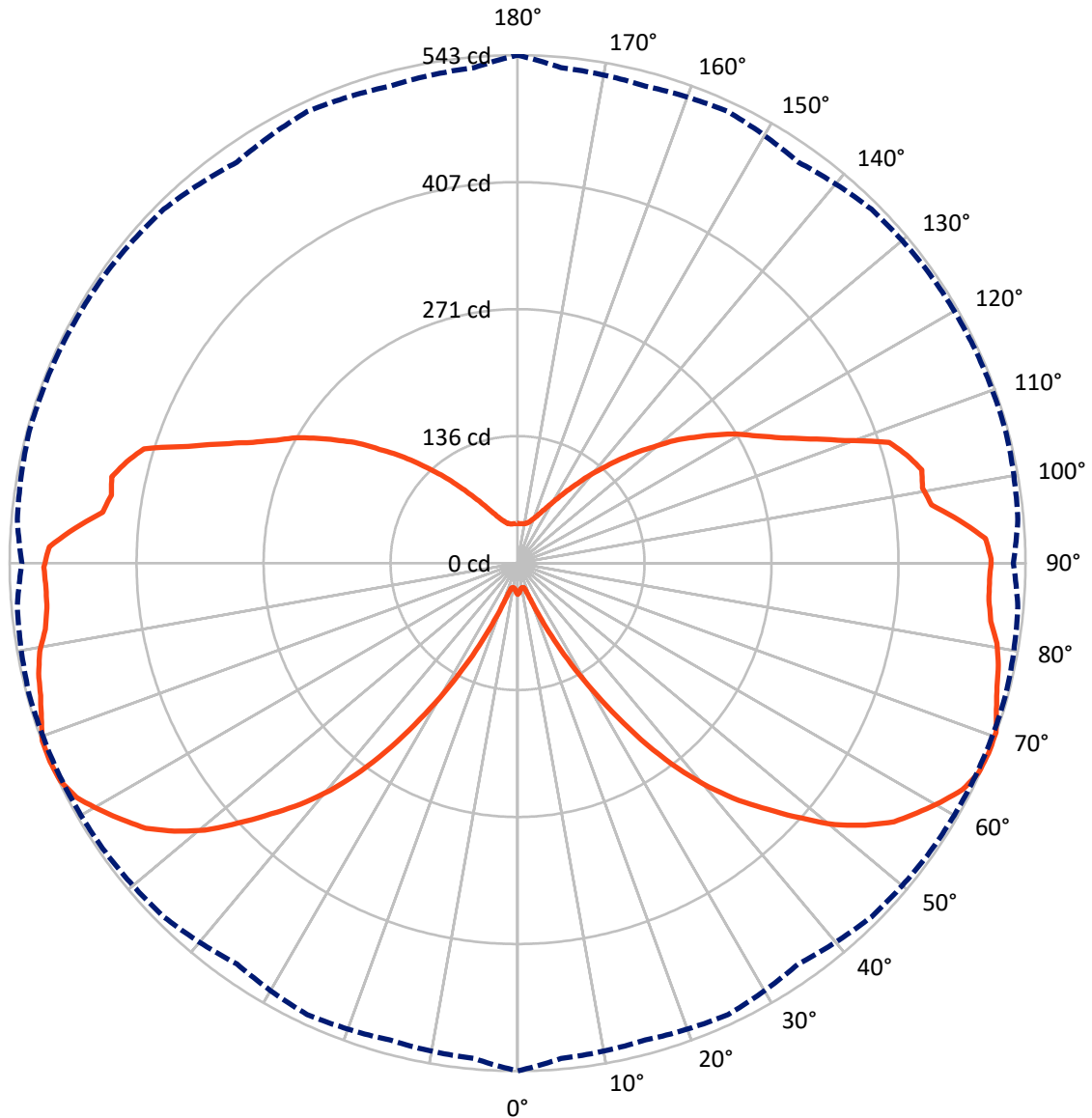
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 0.6 fc  
 Type V - Short - N/A

REPORT NUMBER: P856243  
CATALOG NUMBER: FFX-CLB-30-722-U-PG

### Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical



REPORT NUMBER: P856243  
 CATALOG NUMBER: FFX-CLB-30-722-U-PG

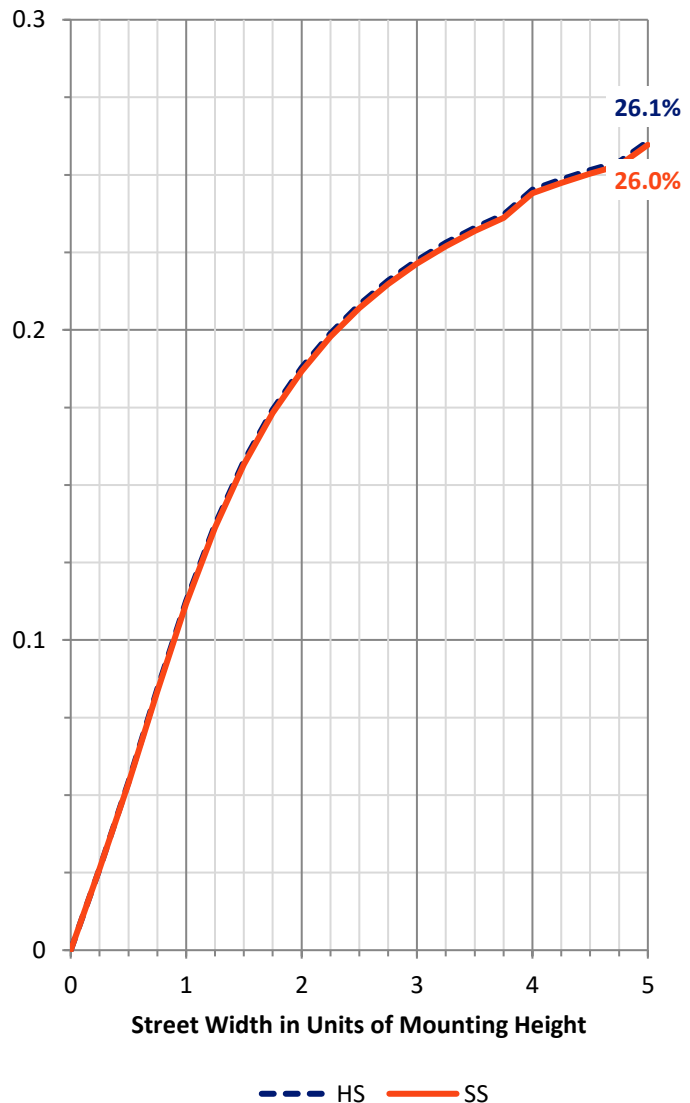
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1282.4	866.9	2149.3
	% Fixture	29.8	20.2	50.0
<b>Street Side</b>	Lumens	1282.4	866.9	2149.3
	% Fixture	29.8	20.2	50.0
<b>Total</b>	Lumens	2564.7	1733.8	4298.6
	% Fixture	59.7	40.3	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	2.8	0.1
10°-20°	9.2	0.2
20°-30°	45.9	1.1
30°-40°	150.8	3.5
40°-50°	291.7	6.8
50°-60°	431.7	10.0
60°-70°	524.8	12.2
70°-80°	554.1	12.9
80°-90°	553.6	12.9
90°-100°	517.9	12.0
100°-110°	460.8	10.7
110°-120°	315.2	7.3
120°-130°	211.7	4.9
130°-140°	122.9	2.9
140°-150°	60.5	1.4
150°-160°	28.0	0.7
160°-170°	12.9	0.3
170°-180°	4.0	0.1
0°-90°	2564.7	59.7
0°-180°	4298.6	100.0



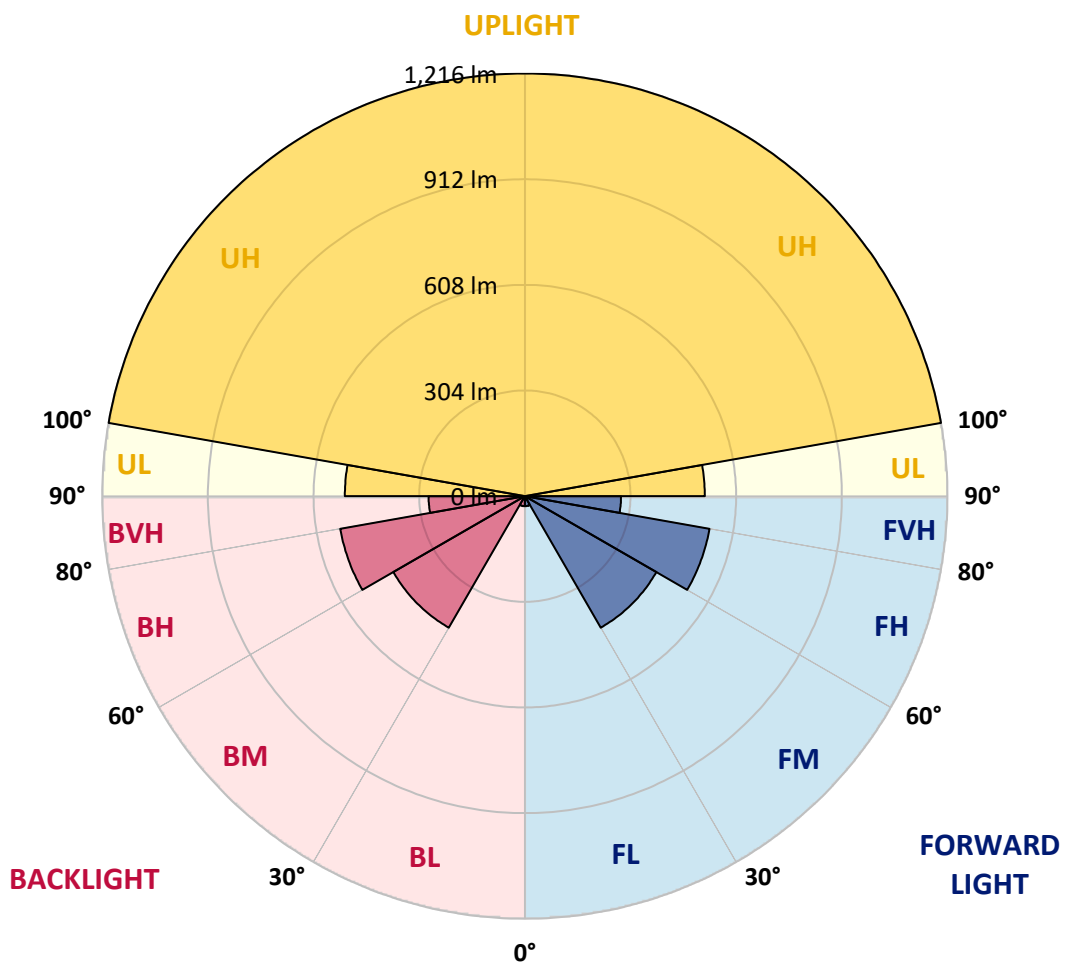
REPORT NUMBER: P856243  
 CATALOG NUMBER: FFX-CLB-30-722-U-PG

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	28.9	0.7			
FM (30°-60°)	437.1	10.2			
FH (60°-80°)	539.5	12.5			G0/660
FVH (80°-90°)	276.8	6.4			G3/500
BL (0°-30°)	28.9	0.7	B0/110		
BM (30°-60°)	437.1	10.2	B1/1000		
BH (60°-80°)	539.5	12.5	B2/1000		G0/660
BVH (80°-90°)	276.8	6.4			G3/500
UL (90°-100°)	517.9	12.0		U4/1000	
UH (100°-180°)	1215.9	28.3		U5	

**BUG Rating: B2-U5-G3**

Type V Short





REPORT NUMBER: P856243

CATALOG NUMBER: FFX-CLB-30-722-U-PG

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
2.5°	32.0	31.7	31.5	31.2	31.5	31.7	32.3	32.5	32.5	32.5	32.5
5°	29.0	29.3	29.6	29.8	29.8	29.8	29.8	30.1	30.4	30.4	30.4
7.5°	27.4	27.4	27.7	28.5	28.7	28.5	28.5	28.7	27.9	27.1	26.8
10°	26.6	26.6	26.8	27.1	27.4	27.9	28.2	28.2	28.2	28.2	27.9
12.5°	26.8	26.6	26.8	27.1	27.7	27.9	27.4	27.4	27.9	28.5	28.7
15°	28.2	27.9	27.9	28.5	28.7	28.7	28.2	28.2	28.5	29.0	29.0
17.5°	34.2	33.6	33.4	33.6	33.4	33.6	33.4	33.9	33.9	33.6	33.4
20°	46.6	46.1	45.3	45.0	45.3	46.1	46.4	47.2	46.4	46.1	45.0
22.5°	66.2	65.3	64.8	64.8	65.6	66.2	65.9	67.0	66.4	66.2	65.1
25°	91.1	90.6	90.8	92.2	93.5	92.7	90.6	92.2	92.2	91.9	91.6
27.5°	122.3	120.4	121.2	124.7	125.8	123.6	121.2	123.1	123.9	124.2	124.2
30°	157.8	156.5	156.2	160.0	161.3	159.4	157.8	160.0	160.0	160.8	160.8
32.5°	196.3	195.5	194.1	196.3	198.5	197.9	197.9	199.6	199.0	199.8	200.1
35°	238.6	237.0	234.3	234.5	237.0	237.3	239.2	240.2	239.7	239.4	239.4
37.5°	278.5	276.3	273.9	272.5	275.5	275.2	279.6	279.6	278.5	278.7	278.7
40°	314.5	313.2	311.3	307.5	313.2	312.1	317.2	317.2	314.3	315.1	314.5
42.5°	346.8	346.8	344.6	338.9	344.9	343.8	350.6	350.6	346.5	346.3	345.4
45°	375.8	377.2	376.1	370.9	373.1	373.9	380.4	379.1	375.8	375.8	374.5
47.5°	407.0	408.4	404.6	399.1	401.6	402.9	408.9	408.4	406.5	404.0	404.0
50°	439.5	439.8	432.2	425.7	427.9	434.9	439.3	440.3	436.3	430.6	430.3
52.5°	465.3	466.9	459.6	452.6	454.2	462.3	467.2	467.5	462.3	454.2	456.6
55°	488.1	489.7	482.4	476.1	479.4	483.7	489.4	486.2	486.4	477.8	481.8
57.5°	503.5	508.9	496.7	495.4	498.4	503.5	506.0	505.2	506.8	498.6	500.0
60°	519.0	521.4	511.1	513.0	509.5	518.7	520.6	522.5	518.2	512.5	512.5
62.5°	533.6	527.7	520.3	524.9	515.5	527.1	529.3	531.5	526.8	521.4	522.5
65°	541.2	530.4	524.1	529.8	520.6	531.2	534.7	535.5	534.7	529.6	527.1
67.5°	542.8	531.5	527.7	532.3	523.0	534.7	538.0	539.6	540.4	536.6	529.8
70°	542.3	530.1	526.8	531.2	525.2	536.1	536.3	538.8	539.9	541.5	533.9
72.5°	535.0	524.4	523.6	527.4	522.0	529.0	529.3	532.3	530.6	535.8	532.0
75°	529.0	522.0	523.3	522.5	517.1	521.2	522.2	525.8	519.8	524.7	527.9
77.5°	525.2	521.4	524.7	520.3	514.6	517.4	519.0	523.0	514.1	518.2	527.7
80°	519.3	518.2	522.2	515.7	510.8	513.3	516.0	519.5	509.8	512.5	526.0
82.5°	509.5	510.3	514.1	506.5	503.3	506.0	509.2	514.6	504.6	506.2	520.6
85°	505.2	508.7	510.6	503.0	499.2	500.8	504.3	510.0	499.5	501.9	516.5
87.5°	504.6	508.9	510.3	503.8	500.5	503.0	504.6	512.7	501.4	504.3	519.3
90°	506.2	507.9	508.7	503.0	500.3	504.1	504.3	514.4	503.0	503.8	517.1
92.5°	500.8	501.1	502.7	497.6	497.3	500.0	499.5	507.9	495.4	493.5	504.9
95°	474.5	472.3	475.9	473.2	478.9	482.9	487.5	498.1	491.9	493.5	503.3
97.5°	446.6	447.1	448.2	443.9	443.1	444.7	446.6	452.0	450.1	451.7	461.0
100°	440.1	442.0	441.7	439.5	430.6	428.7	424.6	418.9	411.3	412.4	413.8
102.5°	443.3	448.5	449.3	452.3	452.3	450.9	453.9	451.5	452.8	460.7	456.3
105°	431.7	437.6	441.4	444.7	450.9	456.1	469.9	478.3	485.1	494.6	493.2
107.5°	417.6	420.6	423.3	423.3	421.6	420.8	428.4	429.8	427.9	430.3	430.6
110°	373.6	373.4	376.1	375.0	375.8	371.5	373.6	381.0	379.3	384.2	385.0



REPORT NUMBER: P856243  
 CATALOG NUMBER: FFX-CLB-30-722-U-PG

**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	339.5	339.5	341.4	338.7	338.9	335.4	336.8	341.6	341.9	346.0	348.2
115°	310.7	310.2	312.9	310.7	308.3	307.5	308.8	311.8	312.6	315.3	319.7
117.5°	289.3	286.6	288.8	289.0	290.1	288.0	291.2	293.1	294.2	296.4	299.9
120°	271.7	269.0	269.8	272.5	275.8	271.2	274.7	276.3	277.1	277.9	279.6
122.5°	251.6	249.7	248.9	254.3	256.2	252.2	254.1	256.5	257.9	259.2	260.6
125°	231.3	229.7	228.9	233.7	235.6	232.4	235.1	238.6	238.1	241.1	238.3
127.5°	212.9	212.3	211.2	213.7	215.0	214.8	217.2	221.5	219.6	222.3	219.4
130°	190.9	193.1	191.4	194.4	194.7	196.9	197.7	201.7	199.8	200.4	198.5
132.5°	173.0	173.8	173.0	174.1	174.9	174.9	177.1	181.4	178.4	178.1	176.5
135°	154.8	155.1	154.0	155.6	156.2	154.8	157.0	160.3	158.6	157.8	157.8
137.5°	136.9	136.7	136.9	137.5	138.0	137.7	138.8	141.3	140.7	139.6	141.0
140°	121.7	120.9	121.2	121.5	121.2	121.2	122.3	124.5	124.5	123.1	124.5
142.5°	106.6	106.3	106.3	106.3	106.3	106.8	107.9	108.5	109.0	107.9	107.6
145°	93.8	93.5	93.3	93.3	93.3	93.5	94.6	94.4	95.4	94.4	93.5
147.5°	82.4	82.7	82.2	81.9	81.6	82.4	82.7	83.2	83.8	83.2	82.4
150°	73.2	72.9	72.9	72.4	72.4	73.2	72.9	73.5	74.0	73.8	73.5
152.5°	65.1	65.1	65.1	64.5	64.8	65.3	65.3	65.3	65.9	65.9	65.6
155°	58.6	58.6	58.6	58.3	58.3	58.8	58.8	58.8	59.1	59.1	59.1
157.5°	53.7	53.7	53.4	53.4	53.4	53.7	53.4	53.4	53.7	53.7	53.7
160°	49.9	49.9	49.6	49.6	49.3	49.6	49.3	49.3	49.6	49.6	49.6
162.5°	46.9	46.9	46.6	46.6	46.6	46.6	46.6	46.4	46.4	46.6	46.4
165°	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.5	44.5	44.5	44.5
167.5°	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
170°	42.6	42.6	42.6	42.8	42.8	42.8	42.6	42.6	42.8	42.8	42.6
172.5°	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
175°	42.3	42.3	42.3	42.3	42.3	42.3	42.0	42.3	42.3	42.3	42.3
177.5°	42.3	42.0	42.0	42.3	42.3	42.0	42.0	42.0	42.0	42.0	42.0
180°	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3



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

REPORT NUMBER: SP1-2406-133-2

**CIE 1931 Chromaticity Diagram**



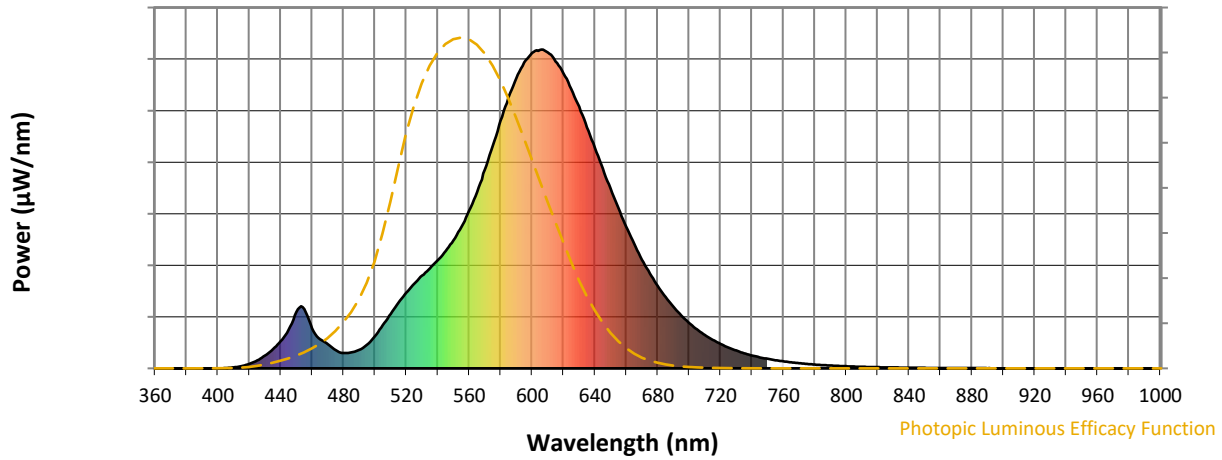
**CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles**



Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2406-133-2

**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			

REPORT NUMBER: SP1-2406-133-2

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			

REPORT NUMBER: SP1-2406-133-2

TM-30-18

**Summary**

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



**Color Vector Graphics**



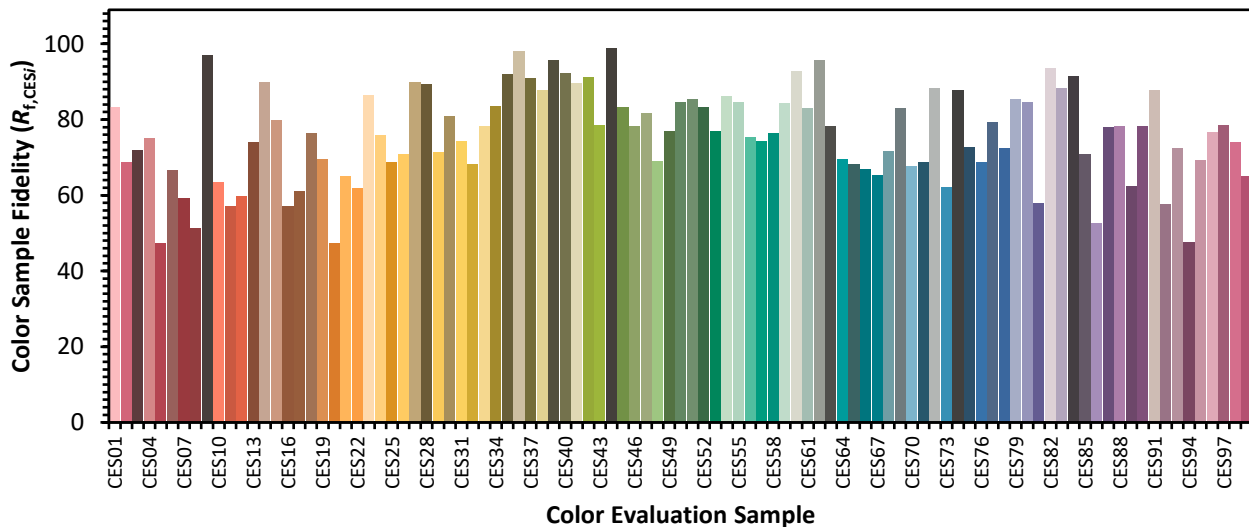


REPORT NUMBER: SP1-2406-133-2

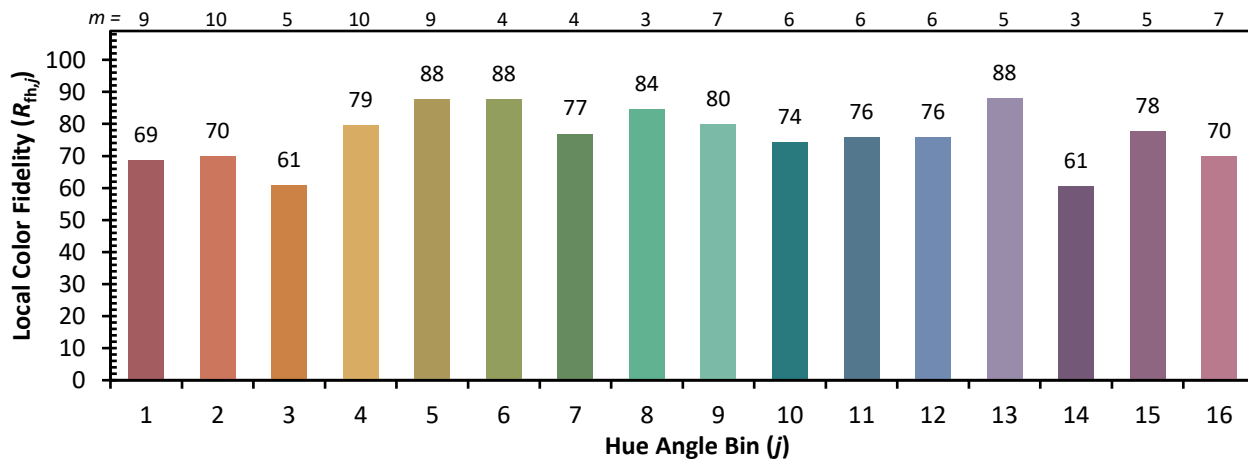
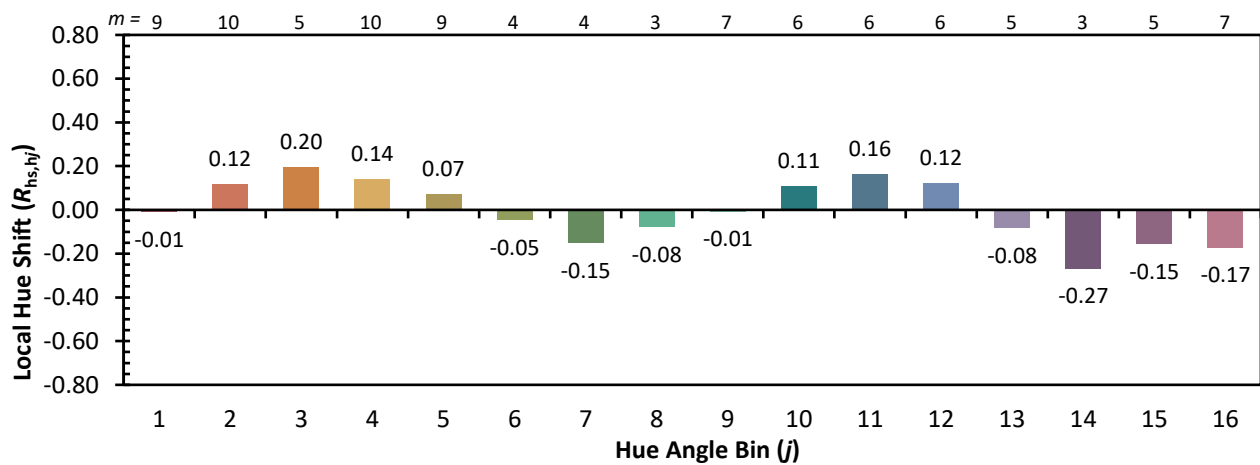
TM-30-18

**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	



Color Rendition by Hue-Angle Bin



REPORT NUMBER: SP1-2406-133-2

TM-30-18

Measure Comparisons



(END OF REPORT)