

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: P856062

Luminaire Tested: **FFX-CLB-40-722-U-FR-T5**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856062
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-40-722-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

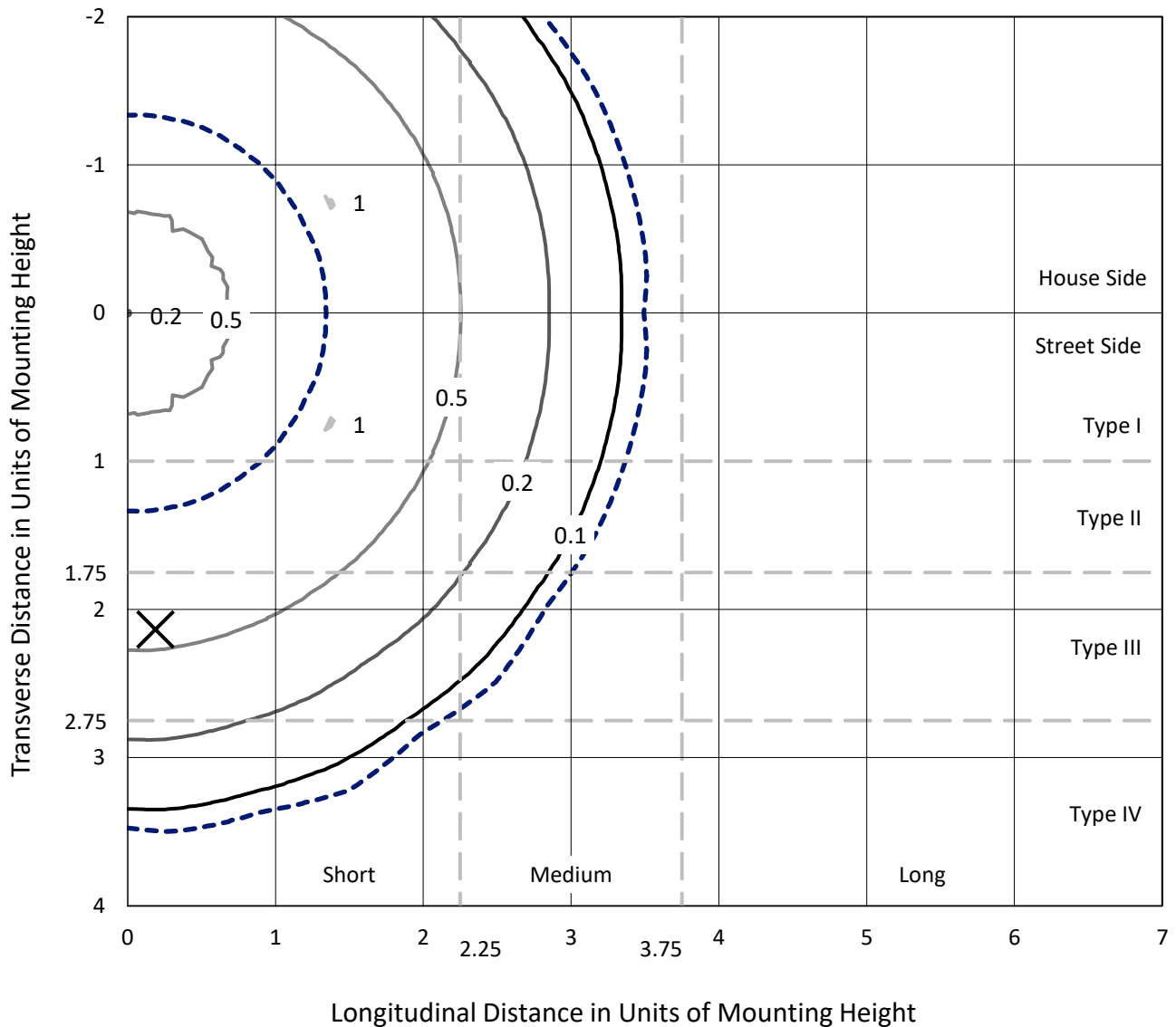
Lumens per Lamp: N/A
Luminaire Lumens: 5499.3 lumens
Efficiency: N/A
Efficacy: 139.9 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification: Type V - Short
BUG Rating: B3 - U4 - G2

Input Watts (W): 39.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 8.2%%
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

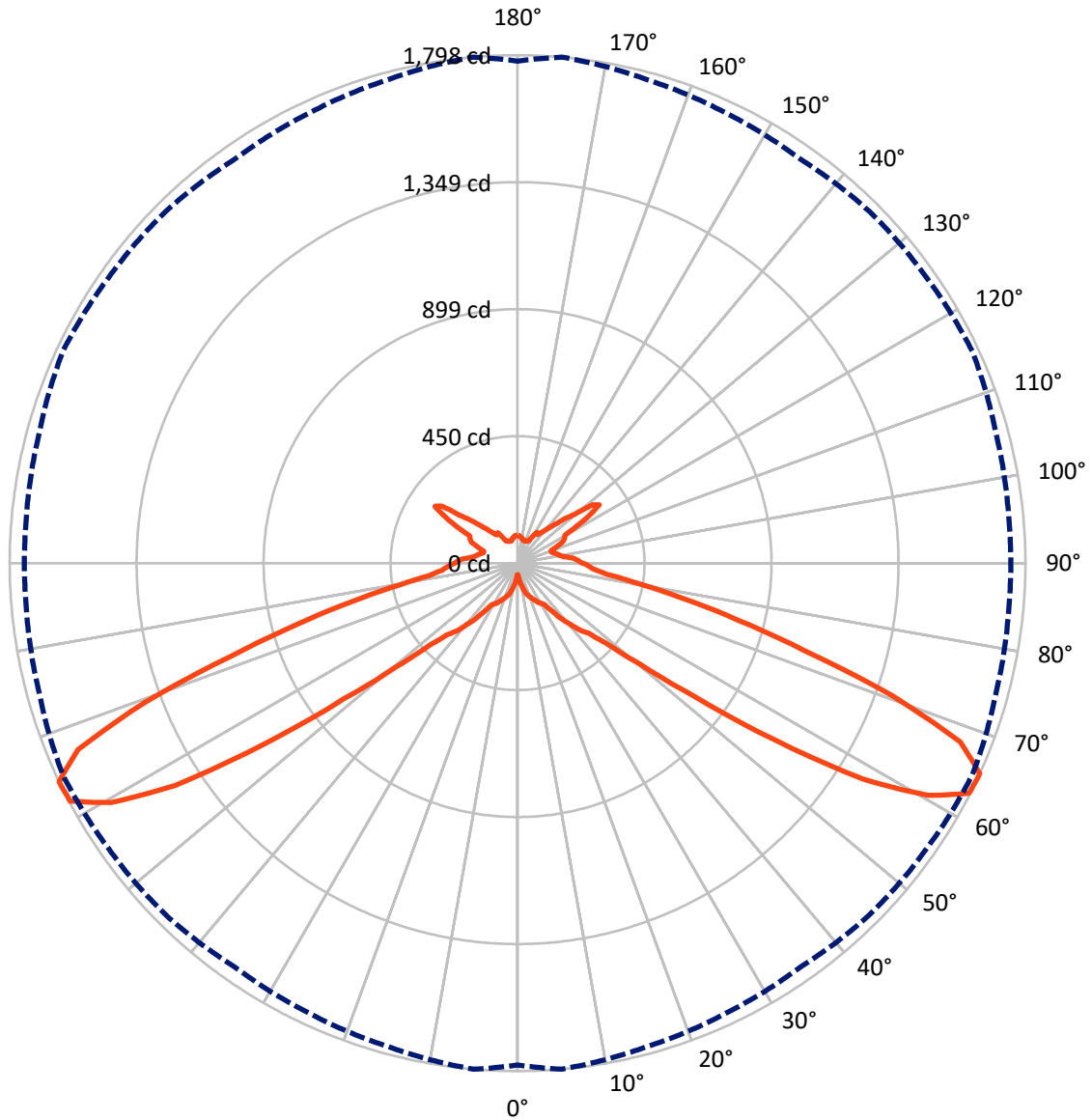
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 5-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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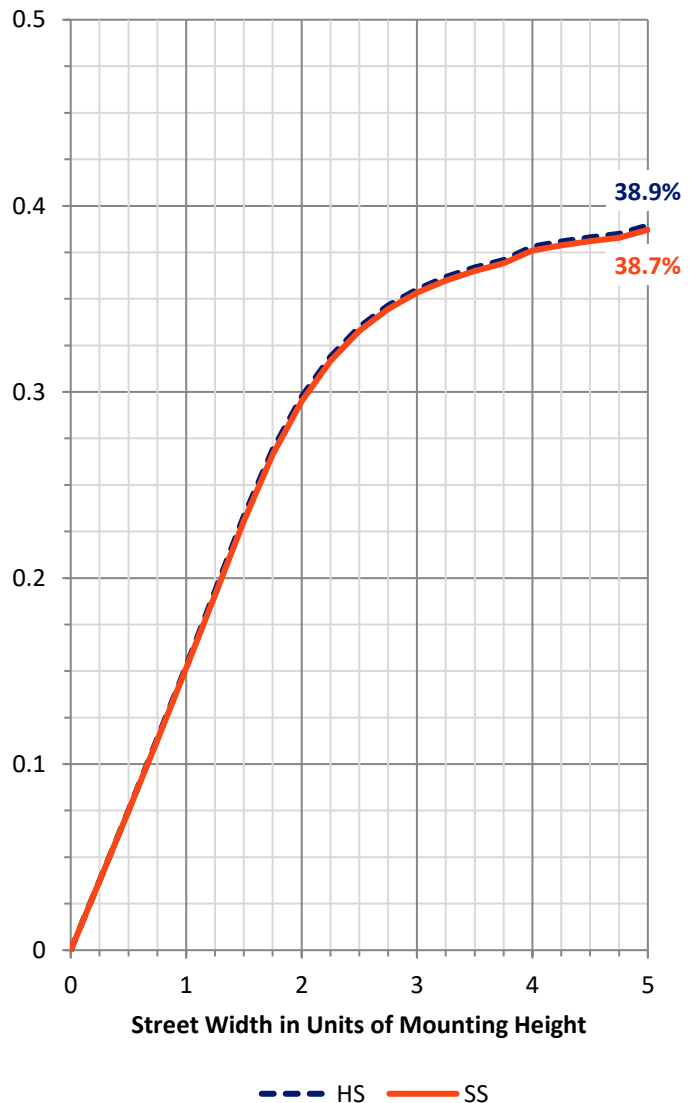
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2216.0	533.7	2749.6
	% Fixture	40.3	9.7	50.0
Street Side	Lumens	2216.0	533.7	2749.6
	% Fixture	40.3	9.7	50.0
Total	Lumens	4431.9	1067.3	5499.3
	% Fixture	80.6	19.4	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.2	0.1
10°-20°	31.4	0.6
20°-30°	68.2	1.2
30°-40°	135.4	2.5
40°-50°	293.7	5.3
50°-60°	1011.4	18.4
60°-70°	1661.1	30.2
70°-80°	891.5	16.2
80°-90°	332.9	6.1
90°-100°	210.3	3.8
100°-110°	140.8	2.6
110°-120°	154.8	2.8
120°-130°	256.1	4.7
130°-140°	150.8	2.7
140°-150°	79.8	1.5
150°-160°	41.9	0.8
160°-170°	23.8	0.4
170°-180°	9.0	0.2
0°-90°	4431.9	80.6
0°-180°	5499.3	100.0



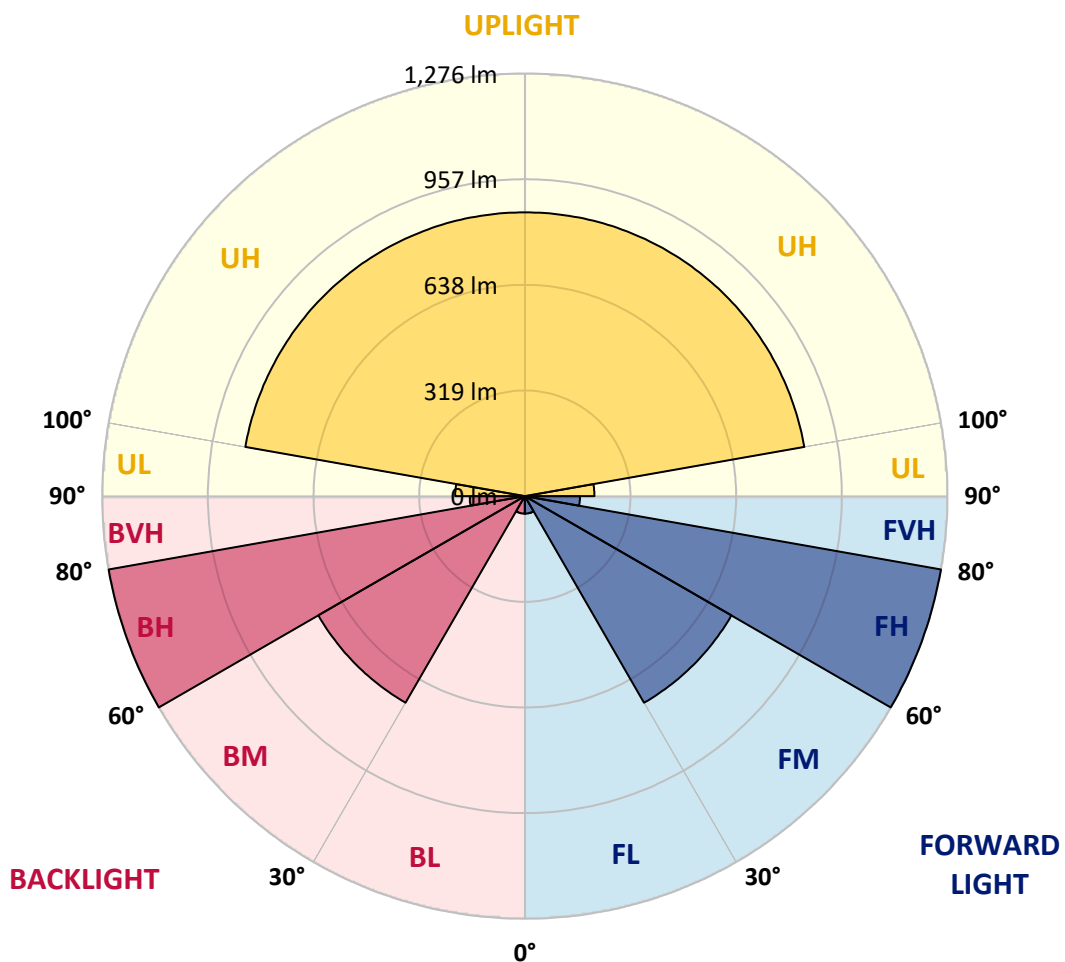
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	52.9	1.0			
FM (30°-60°)	720.2	13.1			
FH (60°-80°)	1276.3	23.2			G1/1800
FVH (80°-90°)	166.5	3.0			G2/225
BL (0°-30°)	52.9	1.0	B0/110		
BM (30°-60°)	720.2	13.1	B1/1000		
BH (60°-80°)	1276.3	23.2	B3/2500		G1/1800
BVH (80°-90°)	166.5	3.0			G2/225
UL (90°-100°)	210.3	3.8		U3/500	
UH (100°-180°)	857.1	15.6		U4/1000	

BUG Rating: B3-U4-G2

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
2.5°	43.2	43.2	42.6	42.0	42.6	43.2	43.2	43.7	42.6	42.6	43.2
5°	57.7	57.7	57.7	57.2	56.1	56.1	55.5	57.2	57.7	58.3	58.3
7.5°	71.7	71.2	72.3	72.9	70.1	68.9	68.9	69.5	70.6	71.7	72.9
10°	81.3	80.7	81.3	83.5	83.0	81.3	81.3	81.3	83.0	85.8	86.3
12.5°	95.8	95.8	97.0	98.7	99.2	97.5	96.4	96.4	98.7	99.2	98.7
15°	111.5	111.5	111.0	110.4	111.0	110.4	110.4	111.0	112.7	112.1	112.1
17.5°	120.0	119.4	118.8	119.4	119.4	118.8	119.4	120.5	120.0	121.6	122.2
20°	128.9	128.9	127.8	127.8	127.8	128.4	128.9	128.4	128.9	129.5	130.0
22.5°	137.3	137.3	136.8	136.2	136.8	137.3	137.9	136.8	136.8	137.9	137.9
25°	146.9	146.9	146.9	145.2	145.7	146.3	145.7	145.2	145.7	146.3	146.9
27.5°	157.5	157.5	156.4	154.7	155.3	155.3	155.8	154.7	155.8	155.8	155.8
30°	166.5	165.4	164.8	163.7	163.7	164.8	165.9	164.2	164.8	164.8	165.4
32.5°	174.9	174.9	174.3	172.1	171.5	174.9	176.0	175.4	173.2	173.8	174.3
35°	206.3	206.3	202.3	198.4	201.8	201.2	205.7	205.7	205.7	206.8	209.1
37.5°	245.5	247.2	253.4	262.3	262.3	249.4	242.7	242.1	251.1	259.0	258.4
40°	280.3	281.9	280.3	281.4	280.3	280.8	281.4	280.3	275.2	273.5	270.2
42.5°	323.4	324.0	313.3	301.0	302.1	308.3	315.6	316.1	305.5	300.4	299.3
45°	353.7	354.8	350.9	349.2	349.2	351.4	350.9	350.9	347.0	346.4	345.3
47.5°	427.7	425.4	417.6	414.8	418.1	416.5	427.1	424.3	419.8	419.8	423.7
50°	567.2	565.0	565.6	562.8	571.7	558.8	571.7	568.4	561.6	565.0	567.8
52.5°	795.4	781.4	783.0	777.4	793.1	781.4	802.7	799.9	778.0	787.5	788.1
55°	1123.8	1105.9	1104.8	1067.2	1096.4	1100.3	1127.2	1133.9	1091.3	1091.9	1094.7
57.5°	1449.5	1443.9	1461.8	1438.3	1459.0	1449.5	1448.9	1461.3	1436.6	1440.0	1448.9
60°	1665.3	1669.8	1690.0	1696.1	1703.4	1690.0	1662.5	1668.1	1666.4	1695.0	1697.2
62.5°	1780.8	1794.2	1779.6	1775.1	1769.0	1774.0	1770.7	1774.0	1763.9	1777.4	1778.0
65°	1776.8	1798.1	1771.8	1755.5	1745.4	1761.1	1765.6	1775.7	1754.4	1746.0	1746.0
67.5°	1664.2	1690.0	1648.5	1646.8	1622.1	1648.5	1641.2	1649.0	1632.2	1620.4	1609.2
70°	1384.5	1408.0	1358.1	1364.3	1321.7	1364.9	1353.6	1368.2	1354.8	1331.8	1318.3
72.5°	1043.1	1063.9	1026.9	1036.4	1008.4	1040.9	1023.5	1048.2	1039.8	1029.7	1018.5
75°	789.2	805.5	807.7	839.7	806.0	821.7	790.3	804.9	818.9	830.7	818.4
77.5°	580.7	591.9	625.5	660.8	627.8	639.0	607.6	621.6	634.5	654.7	645.7
80°	410.3	423.2	454.0	480.4	456.3	466.3	446.2	454.0	464.1	478.7	469.2
82.5°	319.5	315.0	313.9	307.2	299.9	325.1	330.1	334.6	325.1	321.2	316.7
85°	267.9	269.0	275.8	284.2	284.2	284.7	279.7	281.9	285.9	293.1	293.7
87.5°	246.1	249.4	268.5	275.2	272.4	273.5	269.0	270.2	273.0	276.9	275.8
90°	216.9	225.3	243.3	250.0	245.5	247.7	245.5	247.2	244.9	246.1	243.8
92.5°	211.9	211.3	216.9	216.4	213.6	220.3	220.3	221.4	218.6	216.9	215.8
95°	196.2	195.1	194.5	196.2	190.0	195.1	193.9	196.2	195.1	195.1	192.8
97.5°	164.2	164.2	163.1	164.8	160.9	163.1	160.3	162.0	161.4	162.0	160.3
100°	151.3	151.3	150.2	150.2	148.5	149.1	148.0	148.0	147.4	146.9	146.9
102.5°	142.4	143.5	141.8	142.4	140.1	140.1	139.0	139.6	139.0	139.0	138.4
105°	134.0	134.5	133.4	133.4	131.7	131.2	130.0	130.6	131.2	130.0	130.0
107.5°	125.6	126.1	125.6	125.6	123.9	122.8	121.1	121.1	121.6	122.2	122.2
110°	128.9	127.2	125.6	124.4	126.7	123.3	122.2	121.6	122.2	123.9	124.4



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 CATALOG NUMBER: FFX-CLB-40-722-U-FR-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	154.1	153.0	153.0	148.0	153.6	150.2	148.0	144.1	145.7	146.9	146.9
115°	178.8	179.4	172.6	170.4	167.0	166.5	168.2	163.7	163.1	163.7	162.5
117.5°	200.7	188.9	163.7	156.9	155.3	154.1	153.0	151.9	150.8	157.5	150.2
120°	214.7	194.5	176.0	172.1	181.6	168.2	159.2	157.5	160.9	172.6	171.0
122.5°	304.4	287.0	273.5	250.0	273.5	260.1	263.4	257.3	253.9	247.2	248.3
125°	355.9	355.4	349.2	344.7	350.3	345.3	339.7	337.4	334.1	335.7	332.9
127.5°	330.7	335.7	327.9	336.9	316.7	322.3	321.2	325.1	321.7	322.9	318.4
130°	261.8	265.7	258.4	253.9	244.9	255.0	255.6	261.8	255.0	246.1	244.9
132.5°	228.7	231.5	220.3	214.7	208.5	217.5	221.4	224.8	220.3	210.8	208.5
135°	194.5	195.6	187.8	188.9	185.0	185.0	184.4	186.1	188.3	186.7	185.5
137.5°	167.0	169.8	167.0	170.4	167.0	164.2	159.7	161.4	166.5	170.4	169.8
140°	144.6	147.4	148.0	151.3	144.6	145.7	142.9	144.1	146.9	150.8	152.5
142.5°	128.4	130.6	125.6	122.8	120.5	127.2	132.3	132.8	129.5	125.0	126.7
145°	125.0	122.8	125.0	122.8	125.0	123.9	124.4	123.9	123.9	123.9	123.9
147.5°	126.7	128.9	128.9	128.9	125.6	126.1	126.7	127.2	127.2	129.5	128.9
150°	105.4	108.2	107.6	110.4	105.4	106.5	107.1	108.2	108.7	109.3	109.9
152.5°	89.1	89.7	91.4	92.5	91.9	91.4	90.8	90.8	91.9	93.0	93.6
155°	86.9	86.9	88.6	90.2	88.6	88.6	88.0	88.0	88.6	90.2	90.2
157.5°	83.5	84.1	84.1	85.2	84.1	84.6	84.1	84.1	84.6	85.2	85.8
160°	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	83.0	83.0
162.5°	81.8	81.8	81.8	81.3	81.3	81.8	81.8	81.8	81.8	81.3	81.8
165°	83.5	83.0	82.4	81.8	82.4	83.5	84.1	84.1	83.5	82.4	83.0
167.5°	86.9	86.9	86.3	85.8	86.3	86.9	87.4	87.4	86.9	86.3	86.3
170°	90.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
172.5°	92.5	92.5	93.0	92.5	93.0	93.0	92.5	92.5	92.5	92.5	93.0
175°	95.8	95.8	95.8	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4
177.5°	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
180°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

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.

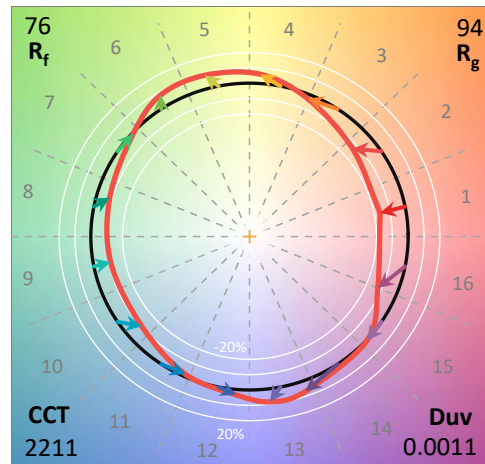
Test Information

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



Test Conditions

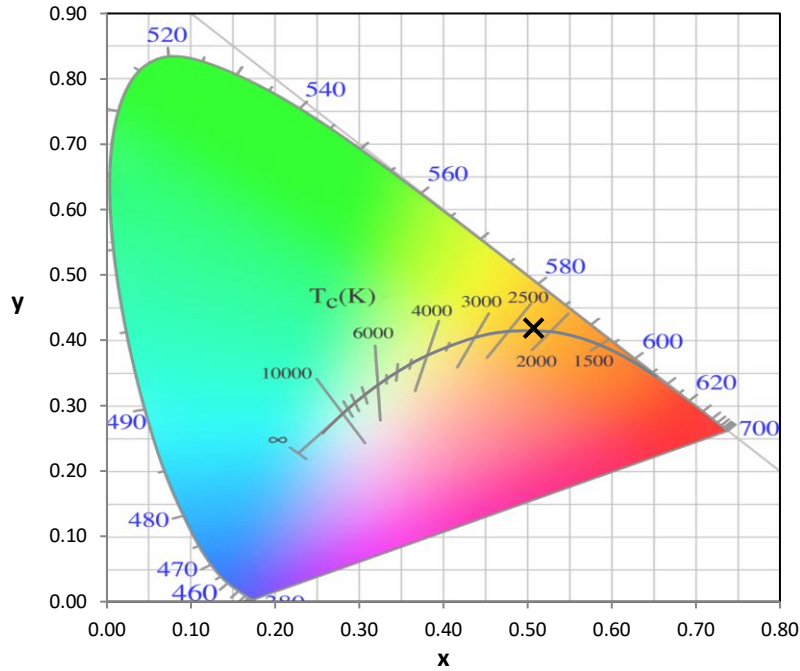
Stabilization Time: 0.813563M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

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 [^] /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	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 [^] /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	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 [^] /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	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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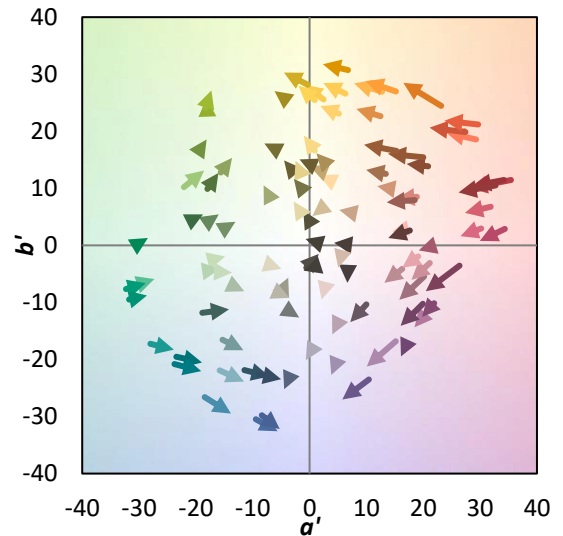
TM-30-18

Summary

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



Color Vector Graphics

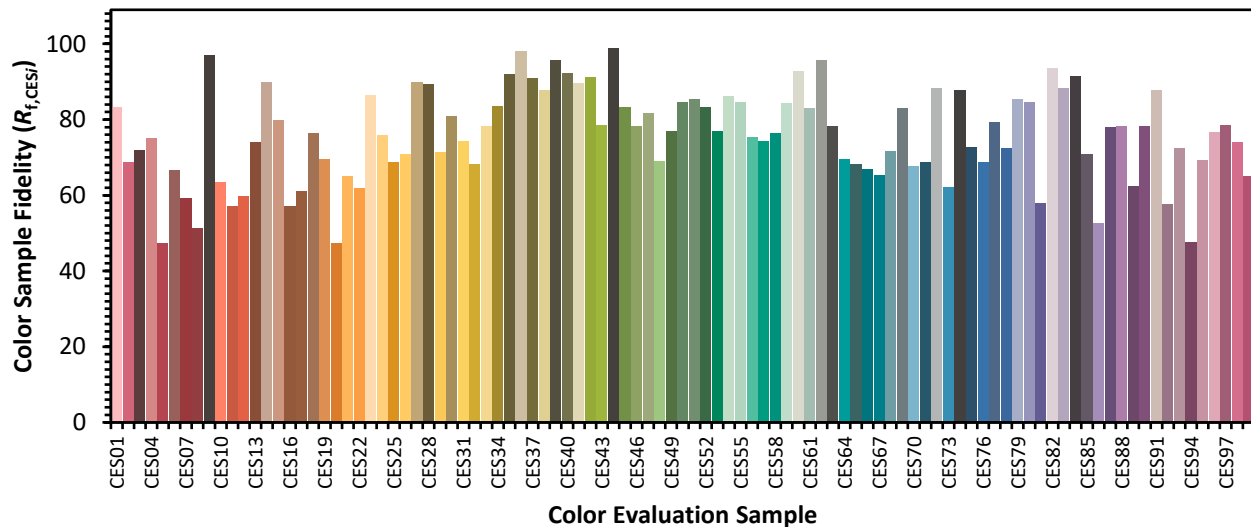


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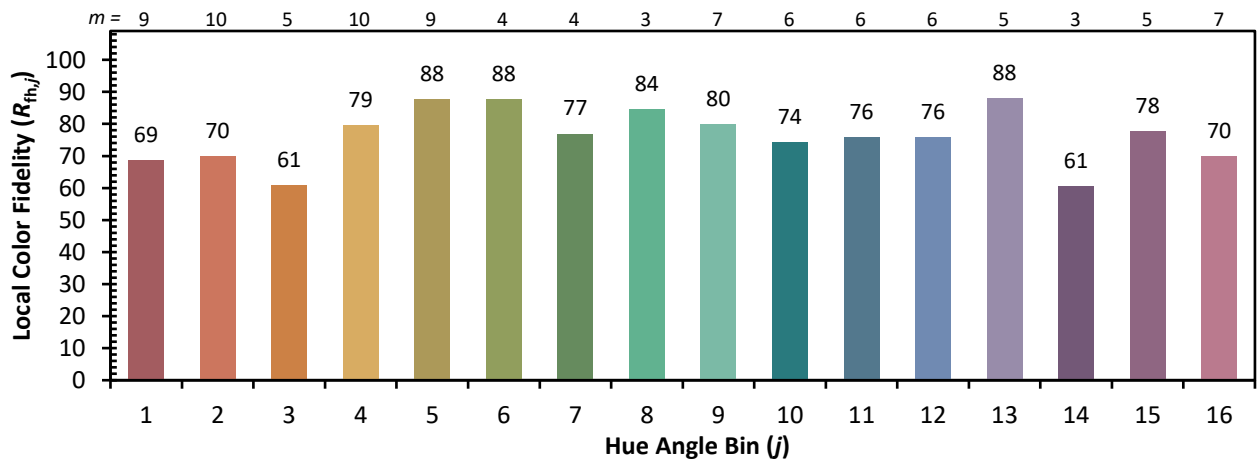
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Individual Sample Fidelity Index ($R_{f,i}$)

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	



Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)