

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: P856237

Luminaire Tested: **FFX-CLB-90-722-U-PG**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856237
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-90-722-U-PG
Description: FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE
Light Source: (6) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

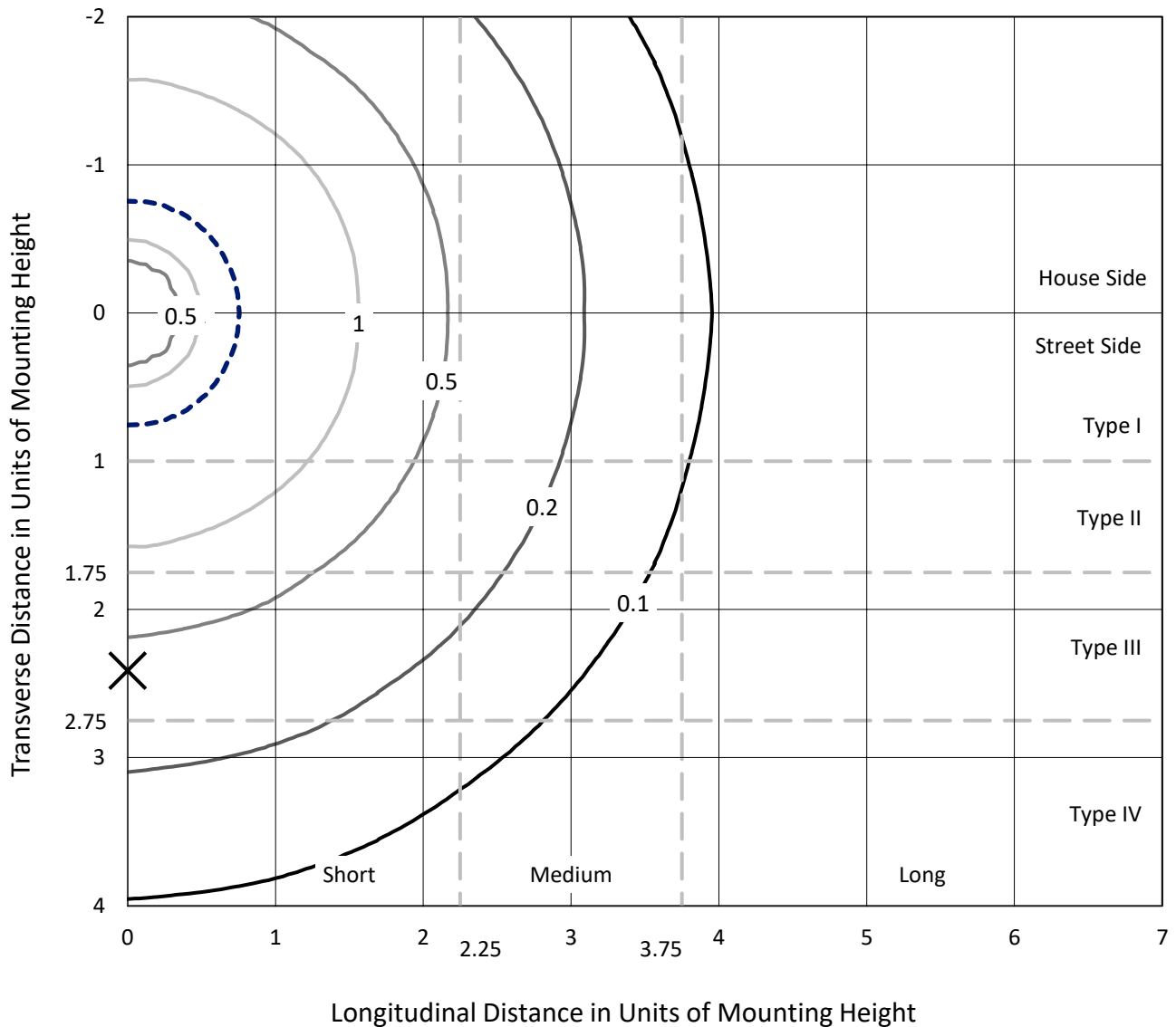
Lumens per Lamp: N/A
Luminaire Lumens: 12418.7 lumens
Efficiency: N/A
Efficacy: 137.5 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G5

Input Watts (W): 90.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 5.6%%
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

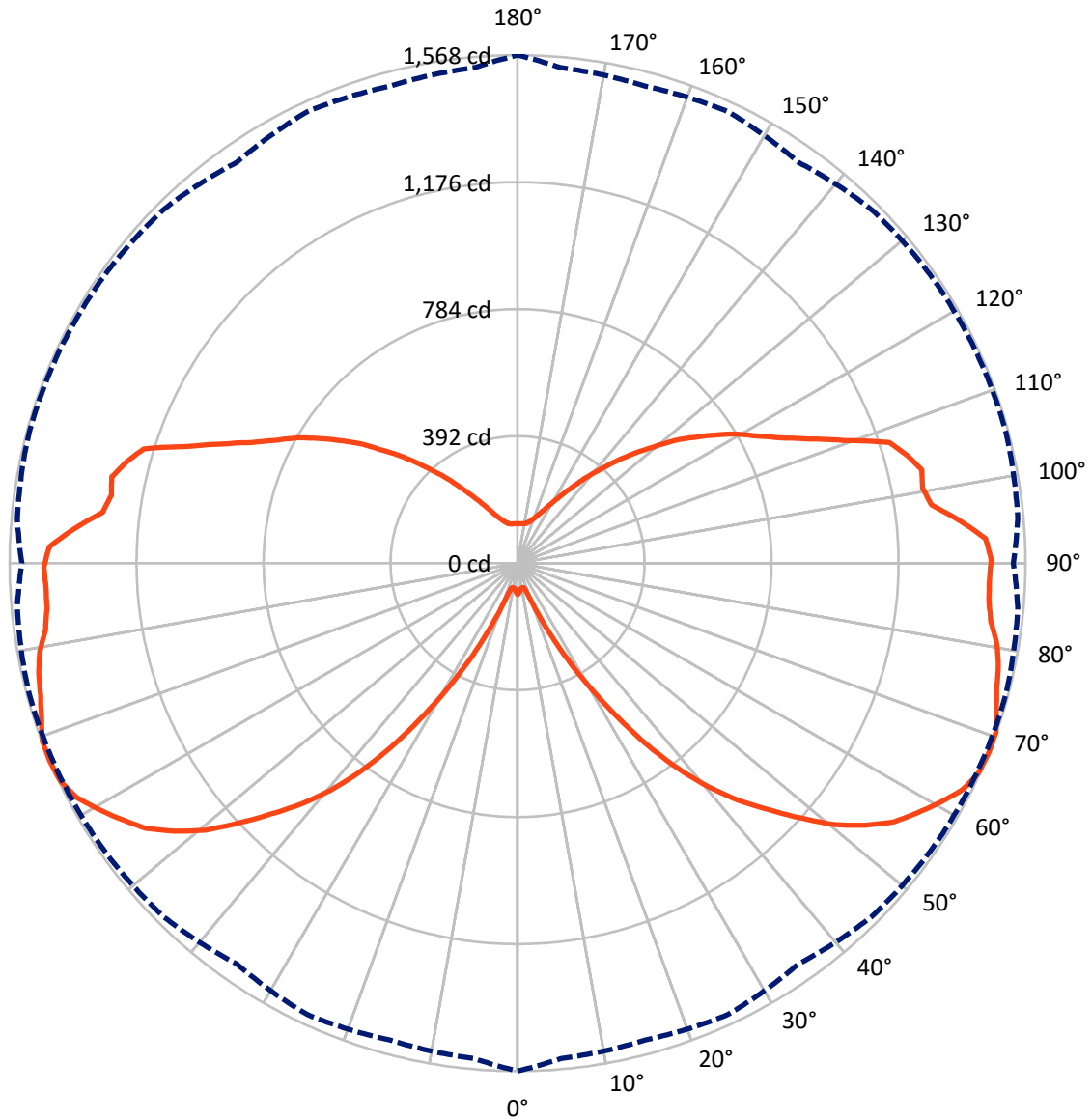
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.8 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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

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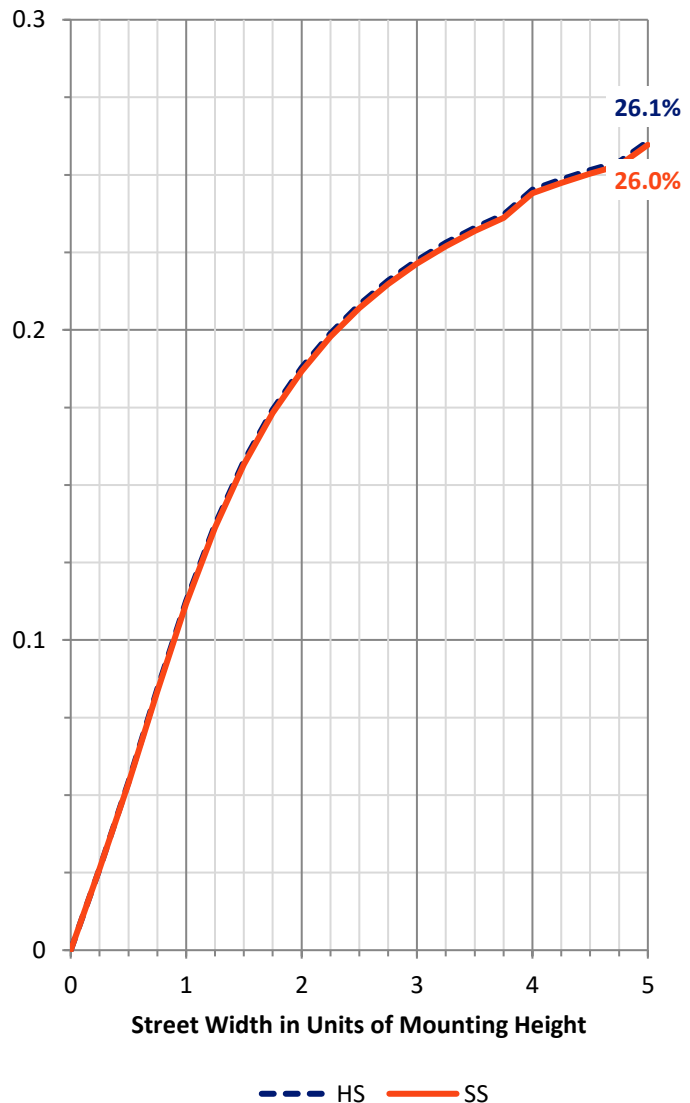
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3704.8	2504.6	6209.4
	% Fixture	29.8	20.2	50.0
Street Side	Lumens	3704.8	2504.6	6209.4
	% Fixture	29.8	20.2	50.0
Total	Lumens	7409.5	5009.2	12418.7
	% Fixture	59.7	40.3	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.0	0.1
10°-20°	26.5	0.2
20°-30°	132.6	1.1
30°-40°	435.8	3.5
40°-50°	842.8	6.8
50°-60°	1247.2	10.0
60°-70°	1516.3	12.2
70°-80°	1600.8	12.9
80°-90°	1599.5	12.9
90°-100°	1496.3	12.0
100°-110°	1331.1	10.7
110°-120°	910.5	7.3
120°-130°	611.5	4.9
130°-140°	355.1	2.9
140°-150°	174.9	1.4
150°-160°	80.8	0.7
160°-170°	37.3	0.3
170°-180°	11.7	0.1
0°-90°	7409.5	59.7
0°-180°	12418.7	100.0



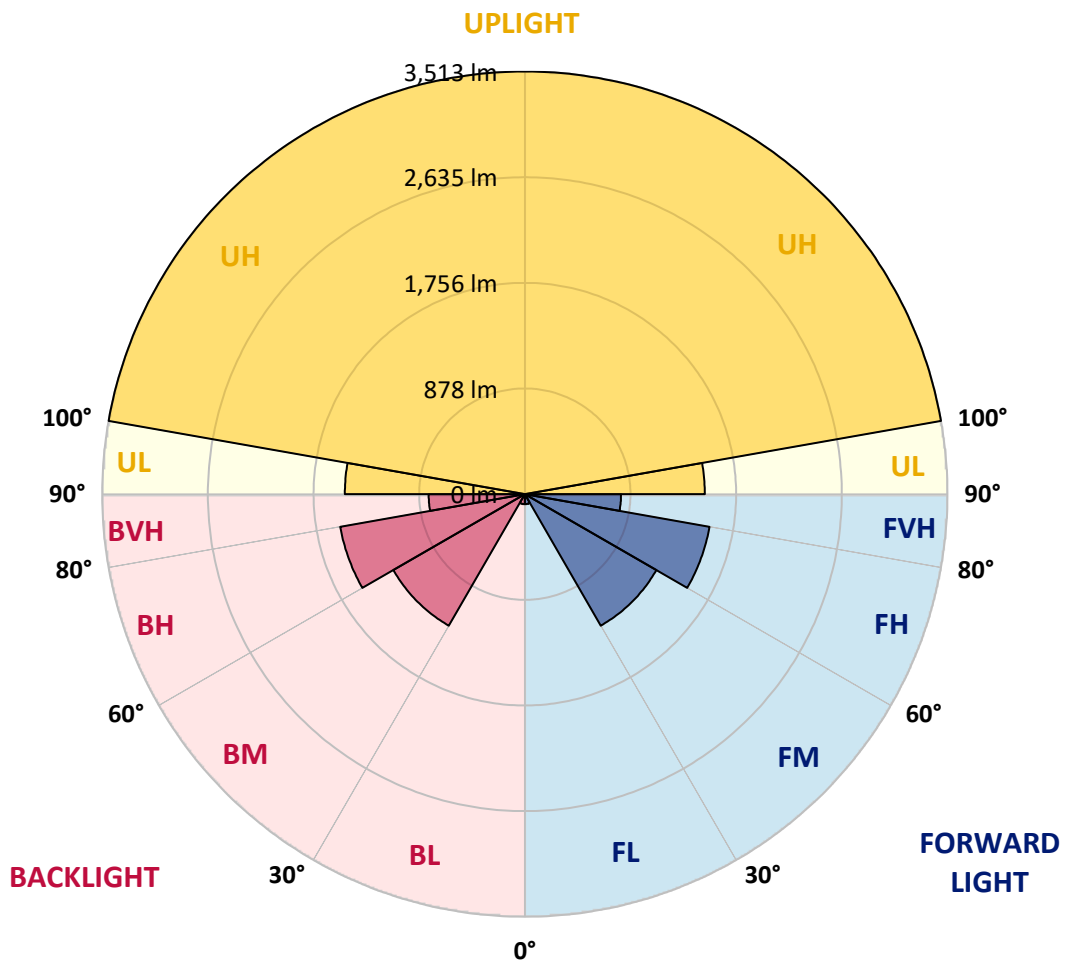
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	83.6	0.7			
FM (30°-60°)	1262.9	10.2			
FH (60°-80°)	1558.5	12.5			G1/1800
FVH (80°-90°)	799.8	6.4			G5
BL (0°-30°)	83.6	0.7	B0/110		
BM (30°-60°)	1262.9	10.2	B2/2500		
BH (60°-80°)	1558.5	12.5	B3/2500		G1/1800
BVH (80°-90°)	799.8	6.4			G5
UL (90°-100°)	1496.3	12.0		U5	
UH (100°-180°)	3512.8	28.3		U5	

BUG Rating: B3-U5-G5

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
2.5°	92.4	91.7	90.9	90.1	90.9	91.7	93.2	94.0	94.0	94.0	94.0
5°	83.8	84.6	85.4	86.2	86.2	86.2	86.2	87.0	87.7	87.7	87.7
7.5°	79.1	79.1	79.9	82.3	83.0	82.3	82.3	83.0	80.7	78.3	77.6
10°	76.8	76.8	77.6	78.3	79.1	80.7	81.5	81.5	81.5	81.5	80.7
12.5°	77.6	76.8	77.6	78.3	79.9	80.7	79.1	79.1	80.7	82.3	83.0
15°	81.5	80.7	80.7	82.3	83.0	83.0	81.5	81.5	82.3	83.8	83.8
17.5°	98.7	97.1	96.4	97.1	96.4	97.1	96.4	97.9	97.9	97.1	96.4
20°	134.7	133.2	130.8	130.0	130.8	133.2	134.0	136.3	134.0	133.2	130.0
22.5°	191.1	188.8	187.2	187.2	189.6	191.1	190.4	193.5	191.9	191.1	188.0
25°	263.2	261.6	262.4	266.3	270.3	267.9	261.6	266.3	266.3	265.6	264.8
27.5°	353.3	347.8	350.2	360.3	363.5	357.2	350.2	355.6	358.0	358.8	358.8
30°	455.9	452.0	451.2	462.2	466.1	460.6	455.9	462.2	462.2	464.5	464.5
32.5°	567.2	564.8	560.9	567.2	573.4	571.9	571.9	576.6	575.0	577.3	578.1
35°	689.4	684.7	676.8	677.6	684.7	685.4	690.9	694.1	692.5	691.7	691.7
37.5°	804.5	798.2	791.2	787.3	795.9	795.1	807.6	807.6	804.5	805.3	805.3
40°	908.7	904.8	899.3	888.3	904.8	901.7	916.5	916.5	907.9	910.3	908.7
42.5°	1001.9	1001.9	995.7	979.2	996.4	993.3	1012.9	1012.9	1001.1	1000.4	998.0
45°	1085.7	1089.7	1086.5	1071.6	1077.9	1080.3	1099.1	1095.1	1085.7	1085.7	1081.8
47.5°	1175.8	1179.7	1168.8	1153.1	1160.2	1164.1	1181.3	1179.7	1174.3	1167.2	1167.2
50°	1269.8	1270.6	1248.7	1229.9	1236.2	1256.5	1269.1	1272.2	1260.4	1244.0	1243.2
52.5°	1344.3	1349.0	1327.8	1307.4	1312.1	1335.6	1349.7	1350.5	1335.6	1312.1	1319.2
55°	1410.1	1414.8	1393.6	1375.6	1385.0	1397.5	1414.0	1404.6	1405.4	1380.3	1392.0
57.5°	1454.7	1470.4	1435.1	1431.2	1439.8	1454.7	1461.8	1459.4	1464.1	1440.6	1444.5
60°	1499.4	1506.4	1476.6	1482.1	1471.9	1498.6	1504.1	1509.5	1497.0	1480.6	1480.6
62.5°	1541.7	1524.4	1503.3	1516.6	1489.2	1522.9	1529.1	1535.4	1522.1	1506.4	1509.5
65°	1563.6	1532.3	1514.2	1530.7	1504.1	1534.6	1544.8	1547.1	1544.8	1529.9	1522.9
67.5°	1568.3	1535.4	1524.4	1537.7	1511.1	1544.8	1554.2	1558.9	1561.2	1550.3	1530.7
70°	1566.7	1531.5	1522.1	1534.6	1517.4	1548.7	1549.5	1556.5	1559.7	1564.4	1542.4
72.5°	1545.6	1515.0	1512.7	1523.6	1508.0	1528.3	1529.1	1537.7	1533.0	1547.9	1537.0
75°	1528.3	1508.0	1511.9	1509.5	1493.9	1505.6	1508.8	1518.9	1501.7	1515.8	1525.2
77.5°	1517.4	1506.4	1515.8	1503.3	1486.8	1494.7	1499.4	1511.1	1485.3	1497.0	1524.4
80°	1500.1	1497.0	1508.8	1490.0	1475.9	1482.9	1490.7	1500.9	1472.7	1480.6	1519.7
82.5°	1471.9	1474.3	1485.3	1463.3	1453.9	1461.8	1471.2	1486.8	1457.8	1462.5	1504.1
85°	1459.4	1469.6	1475.1	1453.1	1442.2	1446.9	1457.1	1473.5	1443.0	1450.0	1492.3
87.5°	1457.8	1470.4	1474.3	1455.5	1446.1	1453.1	1457.8	1481.3	1448.4	1457.1	1500.1
90°	1462.5	1467.2	1469.6	1453.1	1445.3	1456.3	1457.1	1486.0	1453.1	1455.5	1493.9
92.5°	1446.9	1447.7	1452.4	1437.5	1436.7	1444.5	1443.0	1467.2	1431.2	1425.7	1458.6
95°	1370.9	1364.6	1374.8	1367.0	1383.4	1395.2	1408.5	1439.0	1421.0	1425.7	1453.9
97.5°	1290.2	1291.8	1294.9	1282.4	1280.0	1284.7	1290.2	1305.9	1300.4	1305.1	1331.7
100°	1271.4	1276.9	1276.1	1269.8	1244.0	1238.5	1226.8	1210.3	1188.4	1191.5	1195.4
102.5°	1280.8	1295.7	1298.0	1306.7	1306.7	1302.7	1311.4	1304.3	1308.2	1330.9	1318.4
105°	1247.1	1264.4	1275.3	1284.7	1302.7	1317.6	1357.6	1381.9	1401.4	1428.9	1424.9
107.5°	1206.4	1215.0	1222.8	1222.8	1218.1	1215.8	1237.7	1241.6	1236.2	1243.2	1244.0
110°	1079.5	1078.7	1086.5	1083.4	1085.7	1073.2	1079.5	1100.6	1095.9	1110.0	1112.4



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 CATALOG NUMBER: FFX-CLB-90-722-U-PG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	980.8	980.8	986.3	978.4	979.2	969.0	972.9	987.0	987.8	999.6	1005.8
115°	897.7	896.2	904.0	897.7	890.7	888.3	892.3	900.9	903.2	911.1	923.6
117.5°	835.9	828.0	834.3	835.1	838.2	831.9	841.3	846.8	850.0	856.2	866.4
120°	784.9	777.1	779.4	787.3	796.7	783.4	793.5	798.2	800.6	802.9	807.6
122.5°	727.0	721.5	719.1	734.8	740.3	728.5	734.0	741.1	745.0	748.9	752.8
125°	668.2	663.5	661.2	675.3	680.7	671.3	679.2	689.4	687.8	696.4	688.6
127.5°	614.9	613.4	610.2	617.3	621.2	620.4	627.5	640.0	634.5	642.4	633.7
130°	551.5	557.8	553.1	561.7	562.5	568.7	571.1	582.8	577.3	578.9	573.4
132.5°	499.8	502.1	499.8	502.9	505.3	505.3	511.5	524.1	515.5	514.7	510.0
135°	447.3	448.1	445.0	449.7	451.2	447.3	453.6	463.0	458.3	455.9	455.9
137.5°	395.6	394.8	395.6	397.2	398.7	397.9	401.1	408.1	406.6	403.4	407.4
140°	351.7	349.4	350.2	350.9	350.2	350.2	353.3	359.6	359.6	355.6	359.6
142.5°	307.9	307.1	307.1	307.1	307.1	308.6	311.8	313.3	314.9	311.8	311.0
145°	271.0	270.3	269.5	269.5	269.5	270.3	273.4	272.6	275.7	272.6	270.3
147.5°	238.1	238.9	237.4	236.6	235.8	238.1	238.9	240.5	242.1	240.5	238.1
150°	211.5	210.7	210.7	209.2	209.2	211.5	210.7	212.3	213.9	213.1	212.3
152.5°	188.0	188.0	188.0	186.4	187.2	188.8	188.8	188.8	190.4	190.4	189.6
155°	169.2	169.2	169.2	168.4	168.4	170.0	170.0	170.0	170.8	170.8	170.8
157.5°	155.1	155.1	154.3	154.3	154.3	155.1	154.3	154.3	155.1	155.1	155.1
160°	144.1	144.1	143.4	143.4	142.6	143.4	142.6	142.6	143.4	143.4	143.4
162.5°	135.5	135.5	134.7	134.7	134.7	134.7	134.7	134.0	134.0	134.7	134.0
165°	129.3	129.3	129.3	129.3	129.3	129.3	129.3	128.5	128.5	128.5	128.5
167.5°	125.3	125.3	125.3	125.3	125.3	125.3	125.3	125.3	125.3	125.3	125.3
170°	123.0	123.0	123.0	123.8	123.8	123.8	123.0	123.0	123.8	123.8	123.0
172.5°	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2
175°	122.2	122.2	122.2	122.2	122.2	122.2	121.4	122.2	122.2	122.2	122.2
177.5°	122.2	121.4	121.4	122.2	122.2	121.4	121.4	121.4	121.4	121.4	121.4
180°	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2

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

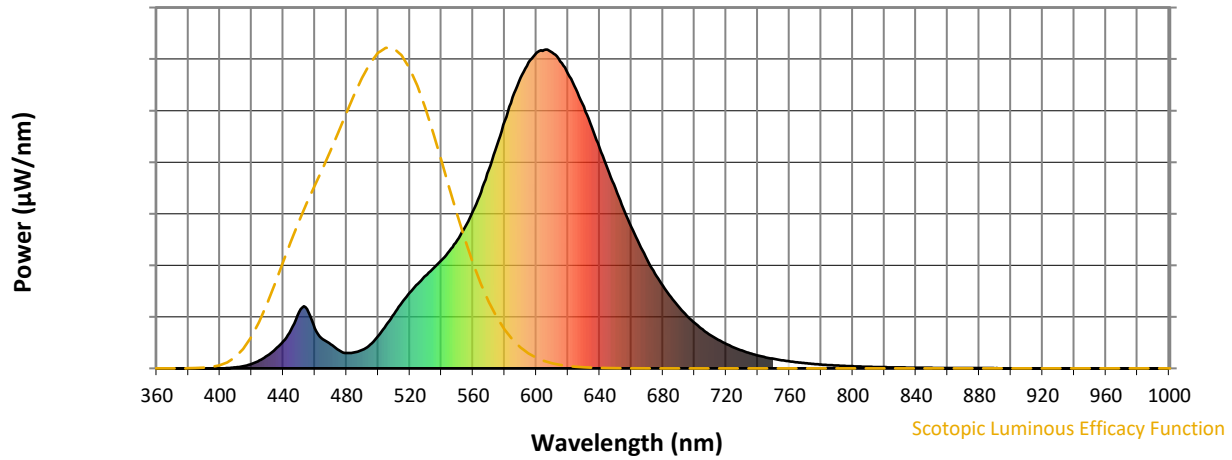


Photopic Lumens: NR

λ (nm)	Power W [^] /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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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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Summary

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



Color Vector Graphics

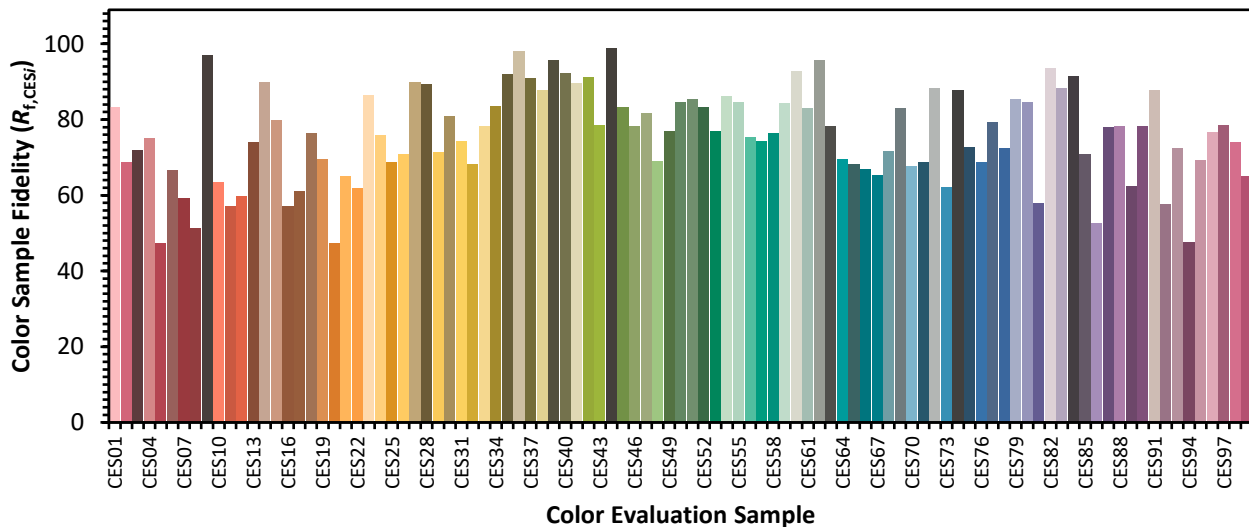


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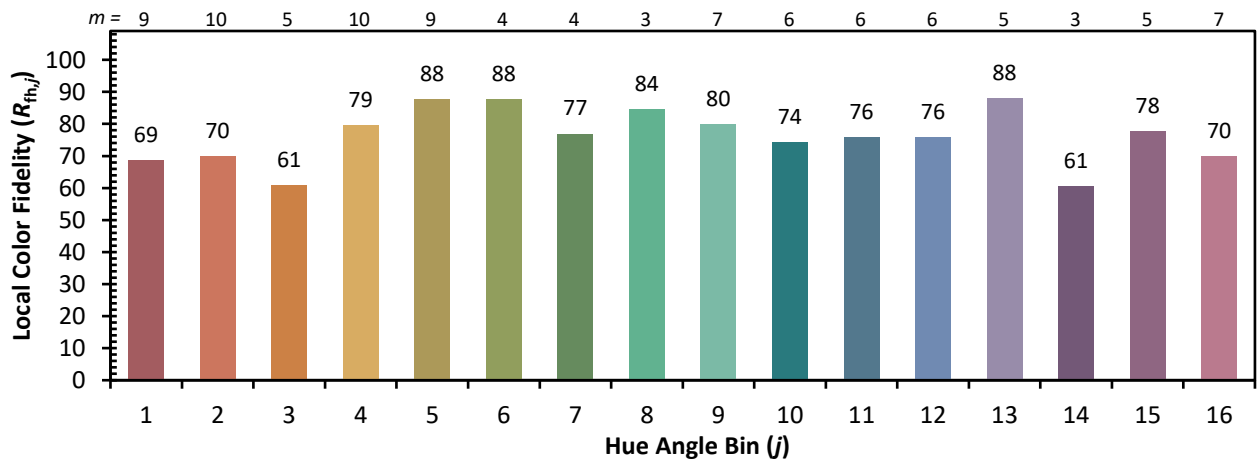
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Individual Sample Fidelity Index ($R_{f,i}$)

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)