

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: P856281

Luminaire Tested: **FFX-CLB-100-722-U-FG**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856281
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-100-722-U-FG
Description: FAIRFAX POST TOP FIXTURE w/ FROSTED GLOBE
Light Source: (6) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

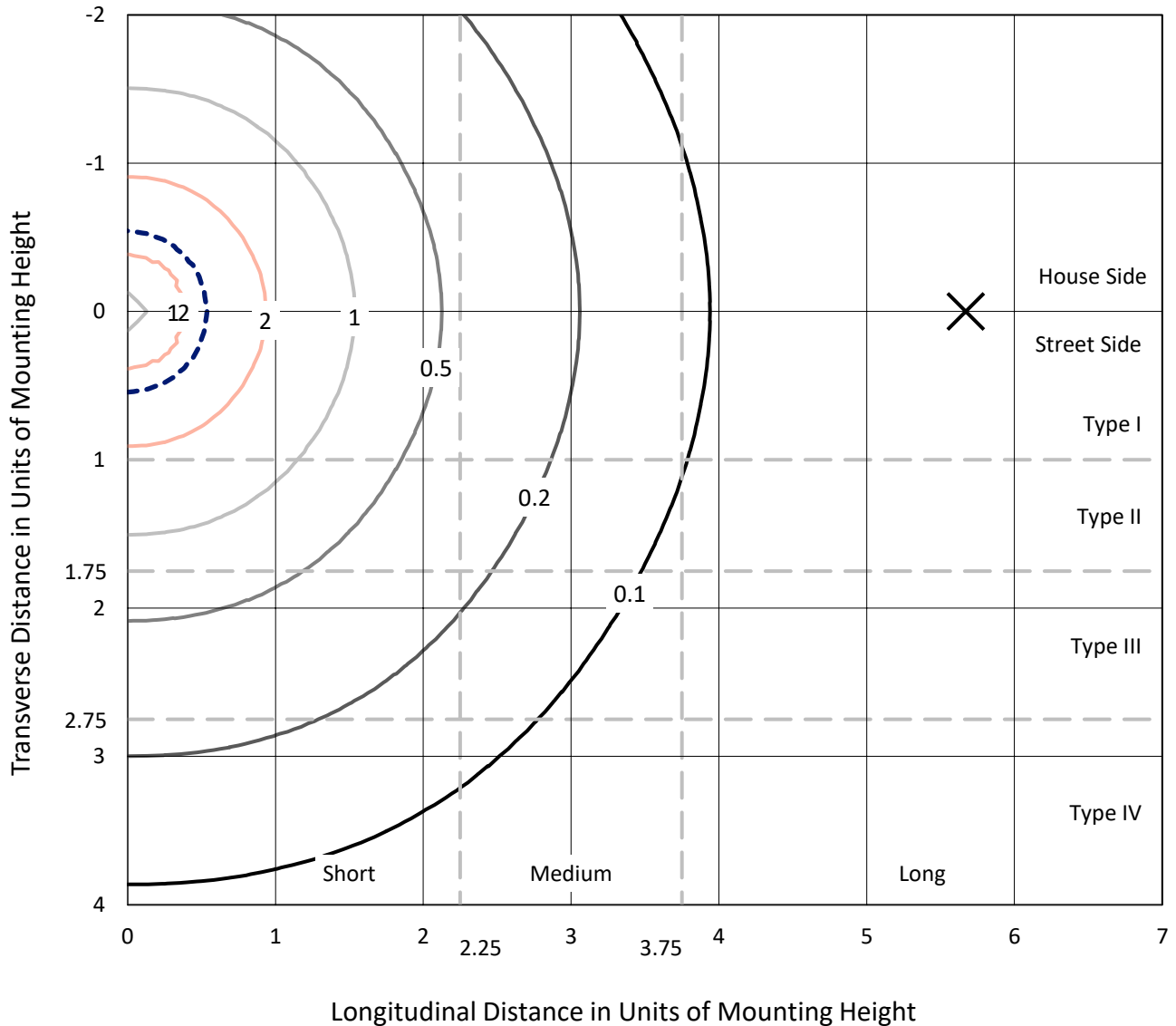
Lumens per Lamp: N/A
Luminaire Lumens: 13585.5 lumens
Efficiency: N/A
Efficacy: 140.9 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G5

Input Watts (W): 96.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 5.2%%
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

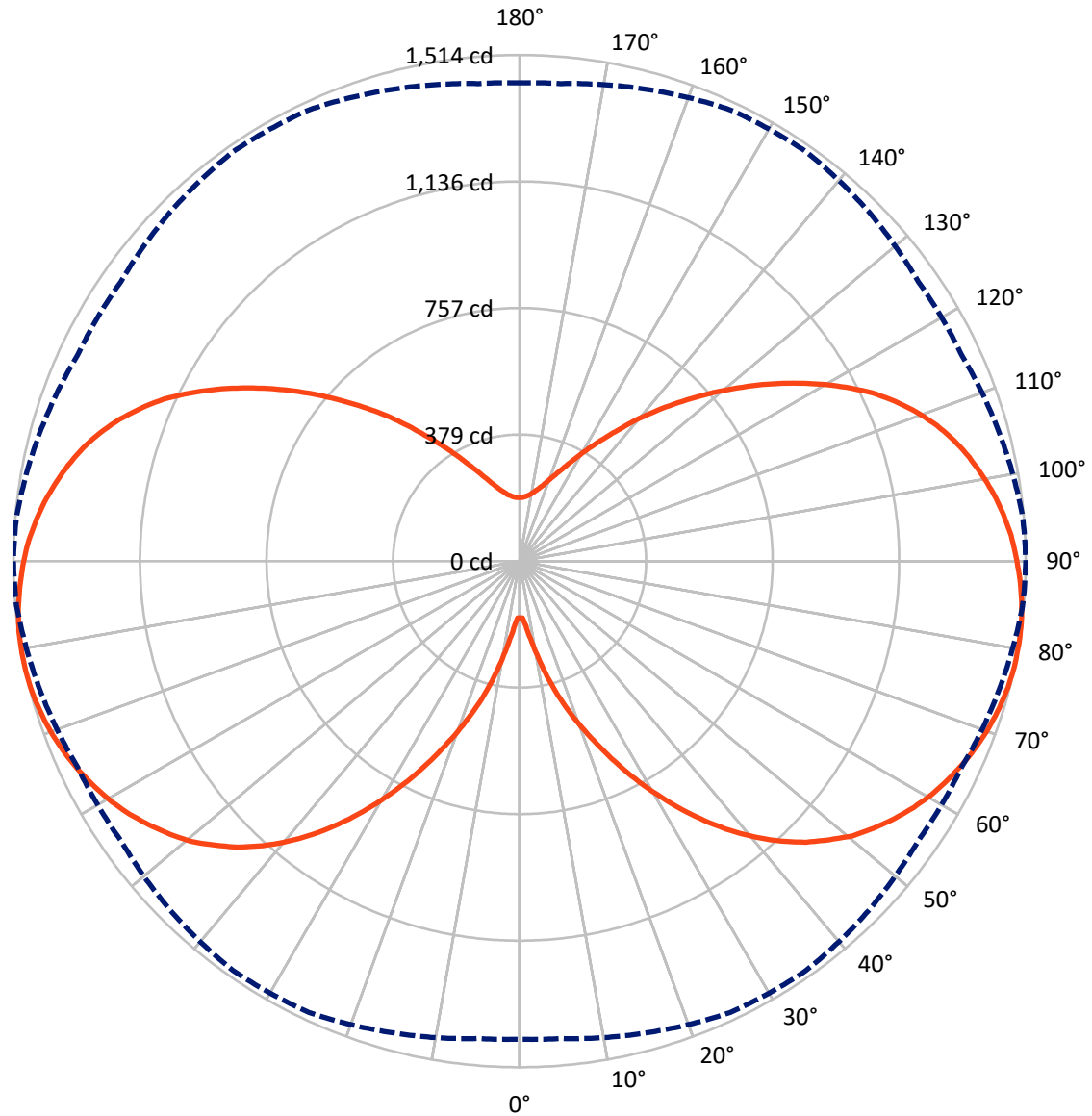
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.4 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 80-Deg Vertical

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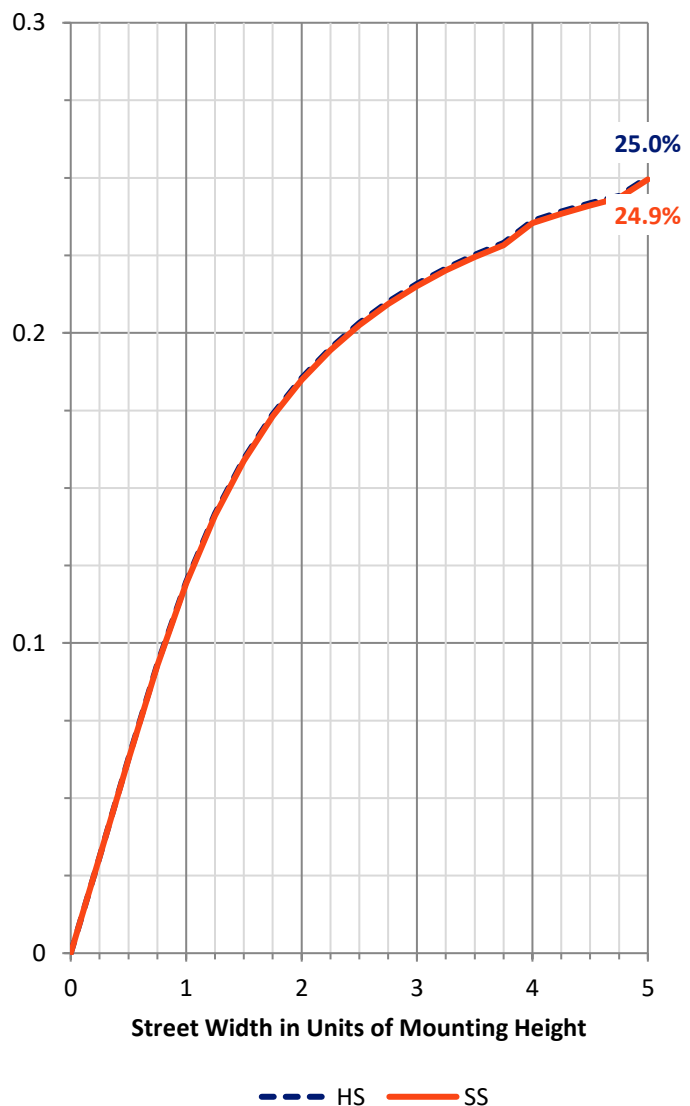
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3865.2	2927.5	6792.7
	% Fixture	28.5	21.5	50.0
Street Side	Lumens	3865.2	2927.5	6792.7
	% Fixture	28.5	21.5	50.0
Total	Lumens	7730.4	5855.1	13585.5
	% Fixture	56.9	43.1	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.6	0.2
10°-20°	118.5	0.9
20°-30°	311.7	2.3
30°-40°	595.9	4.4
40°-50°	916.0	6.7
50°-60°	1200.1	8.8
60°-70°	1416.3	10.4
70°-80°	1553.8	11.4
80°-90°	1596.4	11.8
90°-100°	1538.1	11.3
100°-110°	1379.1	10.2
110°-120°	1120.6	8.2
120°-130°	800.8	5.9
130°-140°	506.4	3.7
140°-150°	283.6	2.1
150°-160°	142.8	1.1
160°-170°	64.9	0.5
170°-180°	18.8	0.1
0°-90°	7730.4	56.9
0°-180°	13585.5	100.0



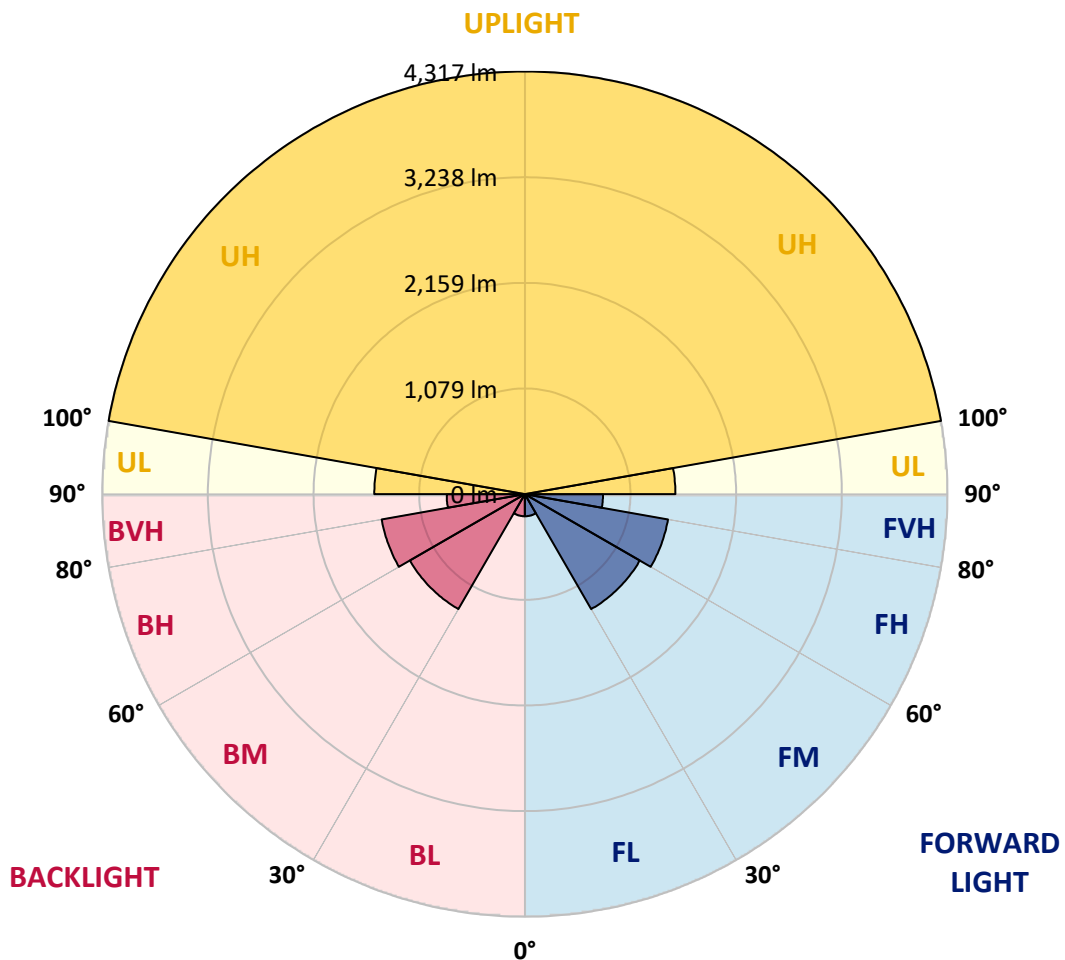
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	225.9	1.7			
FM (30°-60°)	1356.0	10.0			
FH (60°-80°)	1485.1	10.9			G1/1800
FVH (80°-90°)	798.2	5.9			G5
BL (0°-30°)	225.9	1.7	B1/500		
BM (30°-60°)	1356.0	10.0	B2/2500		
BH (60°-80°)	1485.1	10.9	B3/2500		G1/1800
BVH (80°-90°)	798.2	5.9			G5
UL (90°-100°)	1538.1	11.3		U5	
UH (100°-180°)	4317.0	31.8		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°	170.6	170.6	170.6	170.6	170.6	170.6	170.6	170.6	170.6	170.6	170.6
2.5°	178.9	178.9	178.1	176.4	175.6	174.7	173.1	170.6	169.7	169.7	169.7
5°	194.8	195.6	195.6	194.8	195.6	194.0	194.0	192.3	193.1	193.1	194.0
7.5°	234.1	234.1	234.9	234.9	235.8	234.1	234.9	234.1	234.9	234.9	234.9
10°	285.1	285.1	286.8	285.1	285.9	284.3	283.4	283.4	285.9	285.1	284.3
12.5°	342.8	344.4	343.6	342.8	344.4	342.8	341.1	341.9	345.3	343.6	342.8
15°	403.8	405.5	407.1	404.6	405.5	404.6	403.8	404.6	408.0	406.3	405.5
17.5°	465.7	466.5	468.2	464.8	465.7	466.5	465.7	466.5	469.0	468.2	467.3
20°	527.5	529.2	530.9	527.5	528.4	529.2	528.4	529.2	532.6	530.9	530.0
22.5°	592.7	593.6	596.9	592.7	594.4	595.3	593.6	595.3	598.6	596.9	596.1
25°	660.5	659.6	664.6	661.3	662.1	663.8	662.1	663.8	668.0	668.0	665.5
27.5°	729.9	729.9	734.0	731.5	733.2	732.4	734.0	735.7	739.9	740.7	738.2
30°	799.3	799.3	805.9	801.8	804.3	805.1	805.1	806.8	811.8	813.5	810.1
32.5°	868.6	868.6	872.0	872.8	874.5	875.3	877.0	877.0	883.7	884.5	882.9
35°	936.4	936.4	939.7	941.4	945.6	943.9	946.4	946.4	953.9	954.8	953.9
37.5°	1000.7	1001.6	1005.8	1007.4	1010.8	1010.8	1012.4	1014.1	1020.8	1023.3	1022.5
40°	1061.8	1063.4	1066.8	1070.1	1073.5	1073.5	1074.3	1076.8	1084.3	1086.8	1086.0
42.5°	1116.9	1117.8	1122.8	1127.8	1131.2	1131.2	1132.0	1133.7	1142.0	1145.4	1145.4
45°	1165.4	1167.9	1174.6	1181.3	1184.7	1183.8	1183.8	1186.3	1195.5	1199.7	1199.7
47.5°	1210.6	1213.9	1221.4	1228.1	1231.5	1231.5	1230.6	1233.2	1243.2	1248.2	1245.7
50°	1250.7	1253.2	1261.6	1271.6	1274.1	1274.1	1271.6	1274.1	1285.0	1291.7	1291.7
52.5°	1284.2	1286.7	1296.7	1307.6	1310.9	1310.1	1306.7	1309.2	1320.1	1327.6	1326.8
55°	1312.6	1315.9	1326.8	1340.2	1343.5	1341.0	1336.8	1339.3	1351.0	1361.1	1360.2
57.5°	1338.5	1341.0	1353.5	1367.8	1372.8	1368.6	1362.7	1365.2	1378.6	1389.5	1390.3
60°	1360.2	1362.7	1377.0	1393.7	1397.9	1392.8	1385.3	1387.8	1402.9	1415.4	1417.1
62.5°	1378.6	1381.1	1397.0	1415.4	1421.3	1413.7	1404.5	1407.0	1423.8	1438.0	1438.8
65°	1393.7	1396.2	1414.6	1433.8	1439.7	1431.3	1420.4	1422.9	1441.3	1457.2	1458.9
67.5°	1405.4	1408.7	1429.6	1450.5	1455.5	1445.5	1433.0	1435.5	1455.5	1473.9	1475.6
70°	1415.4	1419.6	1441.3	1463.9	1469.8	1458.0	1443.0	1446.3	1468.9	1487.3	1489.8
72.5°	1422.9	1427.1	1450.5	1474.8	1481.5	1467.2	1450.5	1453.9	1478.1	1498.2	1500.7
75°	1428.0	1432.1	1457.2	1483.1	1489.0	1473.9	1455.5	1458.9	1484.0	1505.7	1509.0
77.5°	1430.5	1434.6	1461.4	1488.1	1494.0	1476.4	1457.2	1460.6	1486.5	1509.9	1513.2
80°	1430.5	1433.8	1461.4	1489.8	1494.8	1477.3	1456.4	1458.9	1485.6	1510.7	1514.1
82.5°	1428.0	1431.3	1459.7	1488.1	1493.2	1473.9	1452.2	1455.5	1483.1	1508.2	1512.4
85°	1422.1	1425.4	1453.9	1483.1	1488.1	1467.2	1444.7	1448.0	1475.6	1502.4	1506.5
87.5°	1413.7	1417.9	1445.5	1474.8	1478.9	1457.2	1435.5	1437.1	1466.4	1494.0	1497.3
90°	1403.7	1407.9	1433.8	1463.1	1467.2	1445.5	1422.9	1425.4	1453.9	1482.3	1485.6
92.5°	1392.0	1395.3	1420.4	1447.2	1452.2	1429.6	1407.9	1411.2	1439.7	1468.1	1472.3
95°	1377.0	1379.5	1402.9	1428.0	1432.1	1412.1	1390.3	1393.7	1422.1	1449.7	1453.9
97.5°	1358.6	1360.2	1381.1	1403.7	1408.7	1389.5	1369.4	1372.8	1400.4	1428.0	1433.0
100°	1337.7	1338.5	1356.9	1376.1	1380.3	1364.4	1346.0	1350.2	1376.1	1404.5	1407.9
102.5°	1313.4	1313.4	1328.5	1344.3	1349.4	1336.0	1320.1	1324.3	1349.4	1376.1	1380.3
105°	1286.7	1284.2	1295.0	1307.6	1313.4	1303.4	1291.7	1295.0	1318.4	1344.3	1349.4
107.5°	1253.2	1250.7	1258.2	1269.1	1275.0	1267.4	1258.2	1263.3	1283.3	1307.6	1312.6
110°	1215.6	1212.3	1215.6	1224.0	1230.6	1225.6	1220.6	1224.8	1244.0	1266.6	1269.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1172.1	1167.9	1168.8	1174.6	1180.5	1179.6	1176.3	1183.0	1198.9	1217.3	1221.4
115°	1122.0	1117.8	1115.3	1118.6	1123.6	1127.0	1130.3	1134.5	1147.0	1162.1	1168.8
117.5°	1069.3	1062.6	1058.4	1058.4	1064.3	1070.1	1076.0	1081.8	1090.2	1104.4	1106.9
120°	1008.3	1004.1	998.2	998.2	1003.2	1009.1	1018.3	1025.0	1030.0	1040.0	1043.4
122.5°	948.1	942.2	936.4	936.4	939.7	948.1	960.6	966.5	969.0	974.8	977.3
125°	887.0	880.3	873.7	873.7	877.0	885.4	899.6	904.6	906.3	908.8	911.3
127.5°	825.2	818.5	812.6	810.1	815.1	821.8	836.0	842.7	843.6	843.6	845.2
130°	763.3	758.3	752.4	749.9	754.9	760.8	776.7	783.4	780.0	780.0	780.9
132.5°	704.8	699.8	693.9	692.2	695.6	703.1	717.3	723.2	720.7	717.3	718.2
135°	647.9	643.7	636.2	635.4	640.4	643.7	657.1	663.0	660.5	657.1	658.0
137.5°	593.6	589.4	582.7	581.9	586.9	591.1	601.1	607.0	603.6	600.3	601.1
140°	541.8	536.7	531.7	530.9	534.2	538.4	547.6	550.9	547.6	545.1	545.9
142.5°	493.3	489.9	484.1	484.1	485.7	489.1	496.6	499.9	496.6	493.3	491.6
145°	447.3	443.1	439.8	438.9	440.6	443.9	449.0	452.3	449.0	446.4	444.8
147.5°	406.3	403.0	399.6	399.6	400.5	403.0	407.1	408.0	405.5	403.8	402.1
150°	368.7	365.3	363.7	362.8	363.7	364.5	367.9	369.5	367.0	365.3	363.7
152.5°	334.4	331.9	330.2	331.1	331.1	331.9	332.7	333.6	331.1	331.1	329.4
155°	304.3	302.6	301.0	301.8	301.8	301.8	302.6	302.6	301.0	301.0	300.1
157.5°	279.2	277.6	276.7	277.6	277.6	276.7	277.6	277.6	275.9	275.9	275.1
160°	257.5	255.8	255.8	255.8	255.8	255.0	256.7	255.8	255.0	254.2	254.2
162.5°	239.9	238.3	238.3	239.1	238.3	238.3	238.3	238.3	237.4	237.4	236.6
165°	225.7	224.1	224.1	224.9	224.1	224.1	224.1	224.1	223.2	223.2	223.2
167.5°	214.0	213.2	213.2	213.2	213.2	212.4	213.2	213.2	212.4	212.4	212.4
170°	204.8	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0	203.2	203.2
172.5°	199.0	198.1	198.1	198.1	198.1	198.1	198.1	198.1	197.3	197.3	197.3
175°	194.8	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	193.1	193.1
177.5°	192.3	191.5	191.5	191.5	191.5	191.5	191.5	191.5	191.5	190.6	190.6
180°	190.6	190.6	190.6	190.6	190.6	190.6	190.6	190.6	190.6	190.6	190.6

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



CCT = 2211K
CIE x = 0.5069
CIE y = 0.4188
Duv = 0.0011

Point lies inside the ANSI 2200K 4-step quadrangle

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Photopic Flux vs. Wavelength

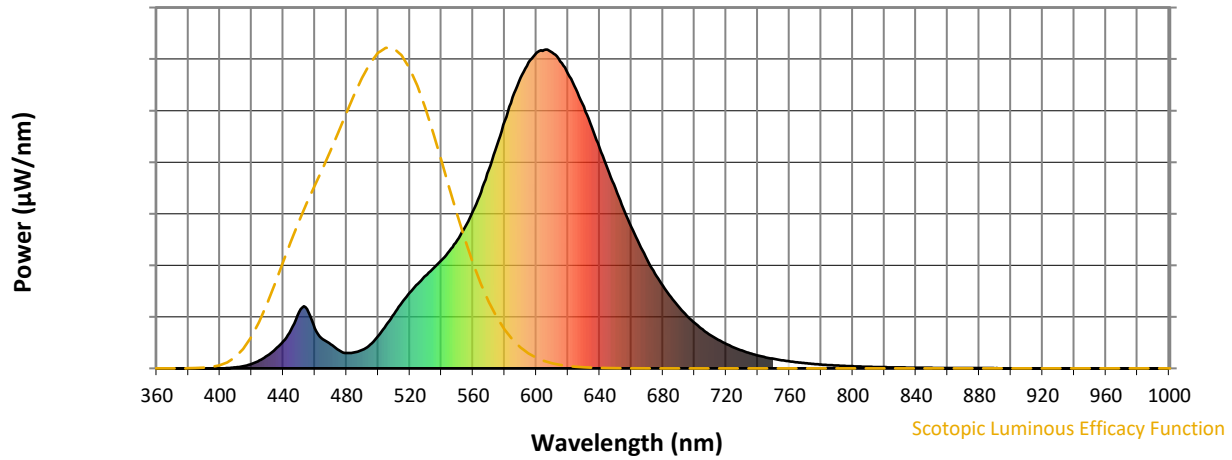


Photopic Lumens: NR

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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Summary

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



Color Vector Graphics

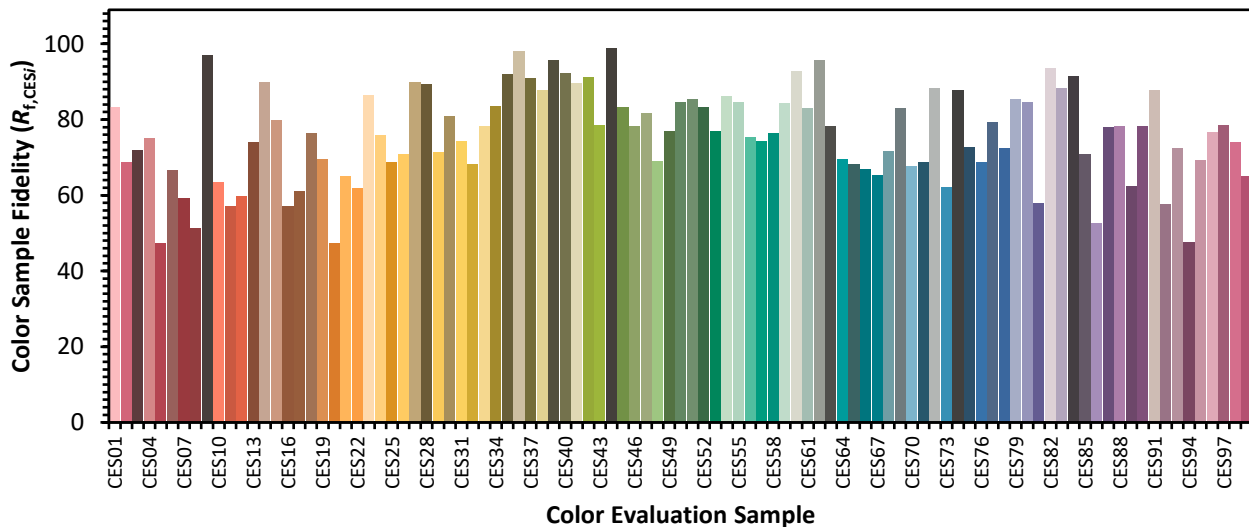


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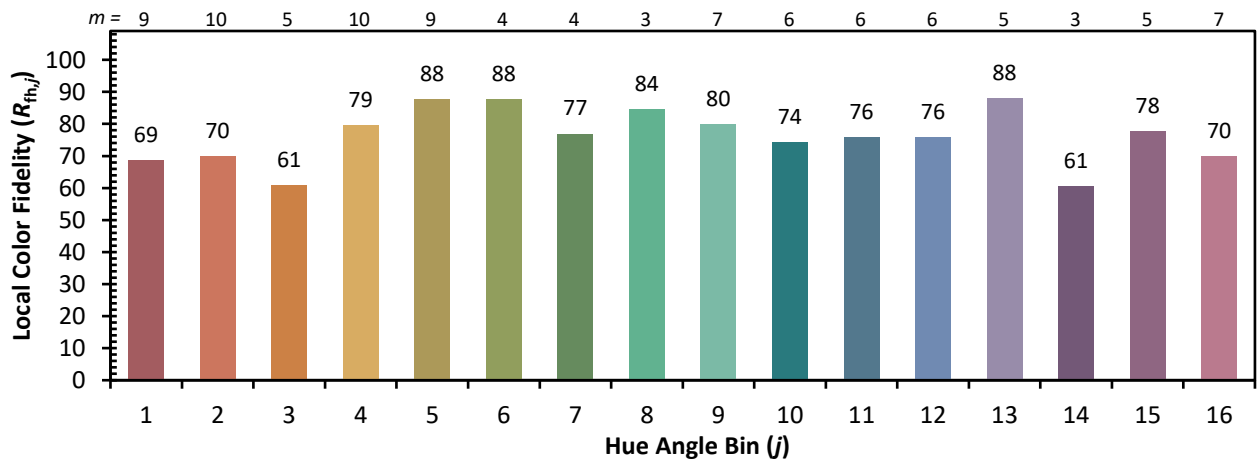
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Individual Sample Fidelity Index ($R_{f,i}$)

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	



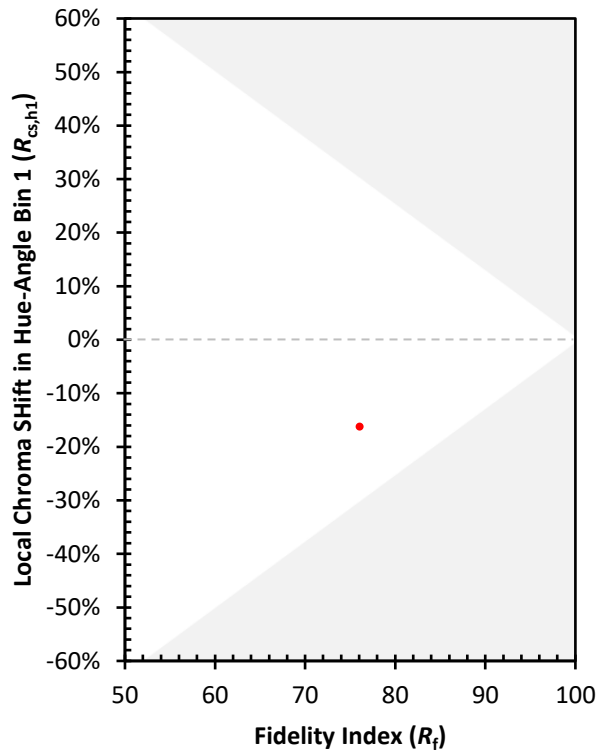
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)