

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: INVUE

Report Number: P672669

Luminaire Tested: **CCP-SA-1F-730-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672669
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-730-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ 5NQ
distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7104.7 lumens
Efficiency: N/A
Efficacy: 106.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 67
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

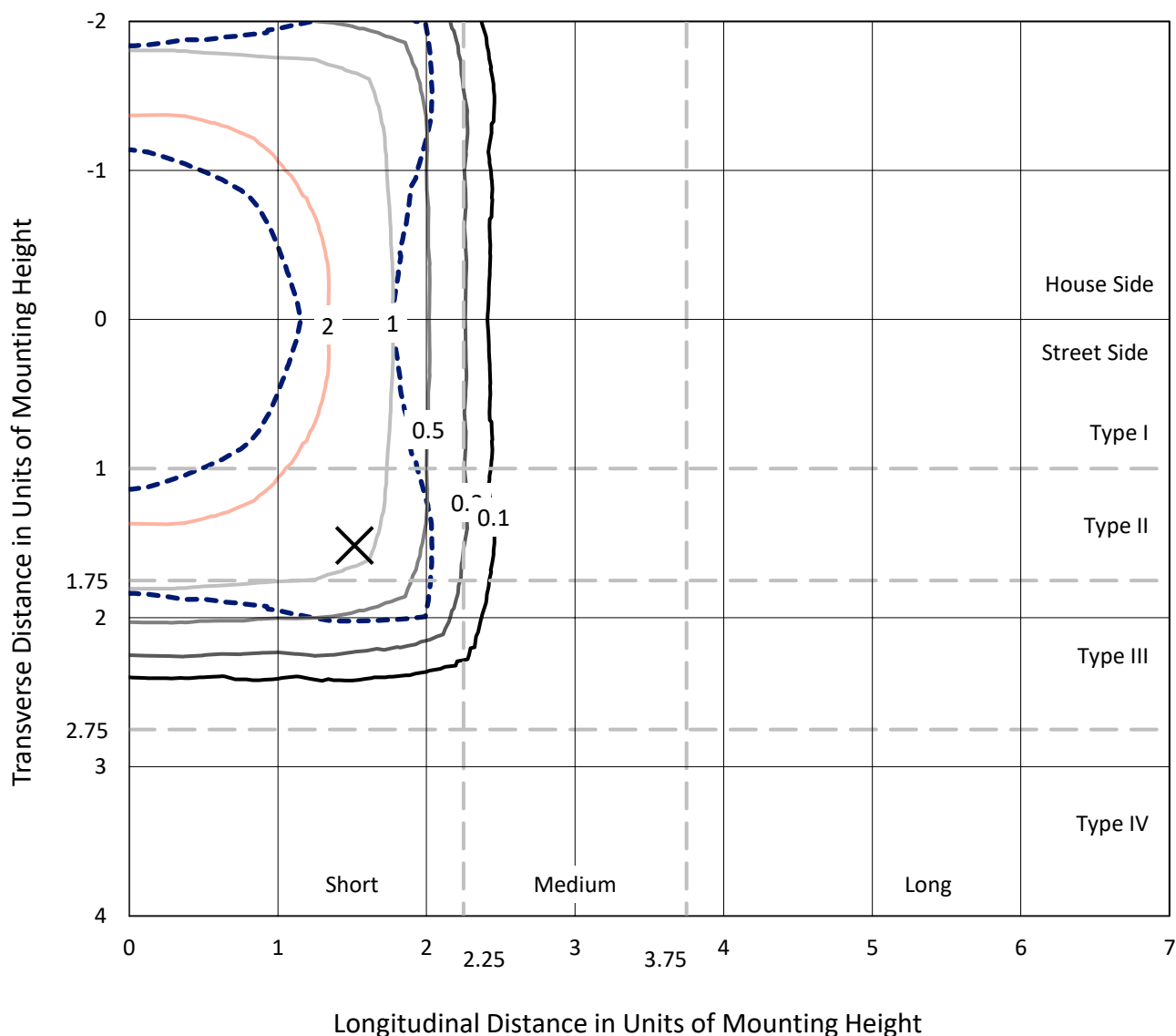
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

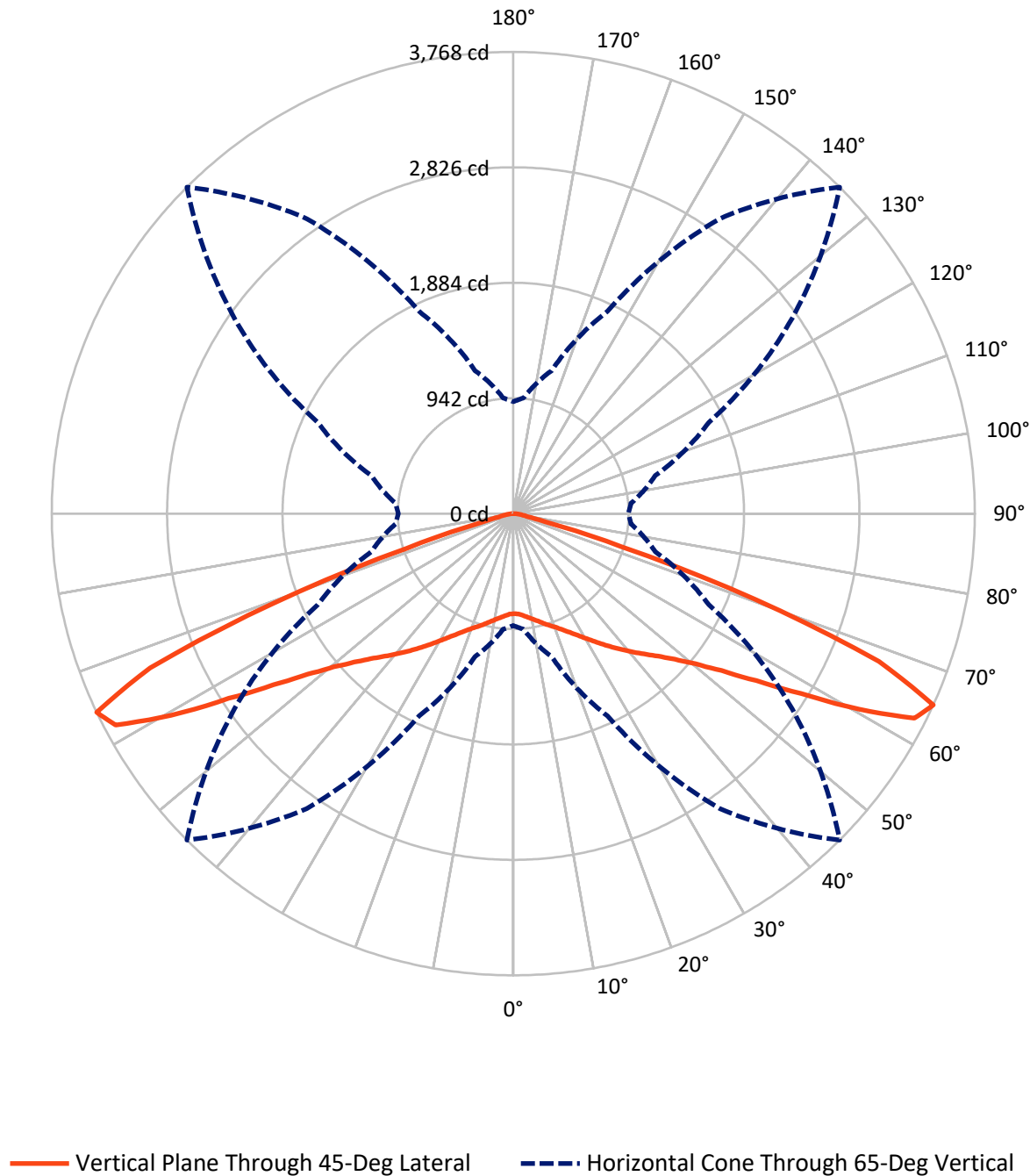


Based on 15 foot mounting height. Maximum calculated value = 3.7 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3552.3	0.0	3552.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3552.3	0.0	3552.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	7104.7	0.0	7104.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.9	1.1
10°-20°	264.1	3.7
20°-30°	500.9	7.1
30°-40°	840.1	11.8
40°-50°	1329.4	18.7
50°-60°	2088.5	29.4
60°-70°	1764.6	24.8
70°-80°	205.5	2.9
80°-90°	30.6	0.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	7104.7	100.0
0°-180°	7104.7	100.0



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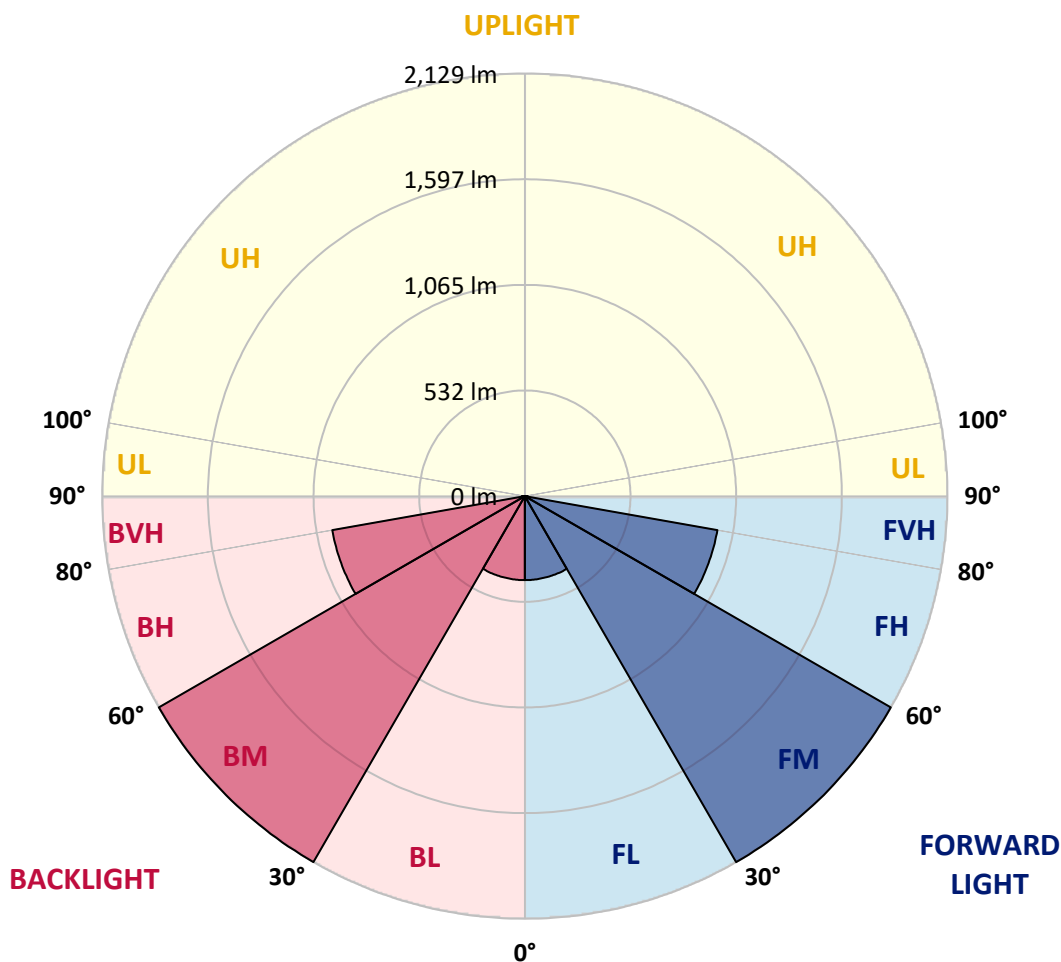
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	423.0	6.0			
FM	(30°-60°)	2129.0	30.0			
FH	(60°-80°)	985.0	13.9			G1/1800
FVH	(80°-90°)	15.3	0.2			G1/100
BL	(0°-30°)	423.0	6.0	B1/500		
BM	(30°-60°)	2129.0	30.0	B2/2500		
BH	(60°-80°)	985.0	13.9	B2/1000		G1/1800
BVH	(80°-90°)	15.3	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	816.9	816.9	816.9	816.9	816.9	816.9	816.9	816.9	816.9	816.9	816.9
2.5°	821.4	818.9	821.4	821.4	819.9	820.4	818.4	817.9	820.4	818.4	817.9
5°	838.4	836.4	838.4	836.9	834.4	834.9	831.9	830.9	833.9	830.9	831.4
7.5°	857.9	854.4	855.4	856.9	854.4	854.4	851.9	850.4	851.9	848.9	850.9
10°	874.3	871.3	872.8	874.8	874.3	875.8	873.3	872.3	870.8	867.4	870.3
12.5°	895.8	894.8	896.8	899.3	898.3	900.3	894.8	893.3	892.8	888.8	892.3
15°	923.8	921.3	924.8	927.8	926.3	929.8	925.3	923.3	920.8	915.8	918.8
17.5°	951.7	949.7	954.7	956.2	956.7	959.7	956.2	953.2	952.2	948.7	946.7
20°	985.2	982.7	986.7	989.7	987.2	990.7	989.2	987.2	986.2	980.7	980.2
22.5°	1022.6	1019.1	1025.1	1028.6	1025.1	1028.6	1025.6	1025.1	1025.6	1017.7	1018.7
25°	1064.6	1065.1	1071.1	1073.6	1071.6	1073.6	1069.1	1072.1	1070.6	1062.1	1059.1
27.5°	1118.5	1116.5	1123.0	1130.5	1125.5	1125.5	1123.5	1126.5	1126.0	1118.0	1116.0
30°	1181.4	1180.9	1190.4	1194.9	1187.9	1184.9	1184.4	1191.9	1192.4	1183.9	1180.4
32.5°	1247.3	1247.3	1258.8	1264.3	1254.3	1252.3	1250.3	1260.3	1258.8	1247.3	1239.9
35°	1319.8	1316.8	1332.2	1340.2	1330.2	1324.2	1323.2	1332.2	1330.2	1314.3	1305.3
37.5°	1391.2	1393.2	1411.1	1420.1	1408.1	1400.6	1403.1	1409.1	1409.6	1392.2	1382.7
40°	1478.5	1479.0	1501.5	1508.5	1493.0	1481.5	1485.0	1498.5	1497.5	1476.0	1464.1
42.5°	1576.4	1574.4	1602.4	1608.4	1587.4	1565.4	1575.9	1596.9	1601.9	1577.9	1565.4
45°	1681.3	1684.3	1713.2	1719.7	1686.8	1658.8	1681.3	1712.7	1719.2	1693.3	1677.8
47.5°	1808.6	1812.1	1847.1	1849.5	1812.1	1775.6	1805.6	1846.6	1849.0	1813.1	1795.1
50°	1953.9	1965.9	2004.8	2009.8	1972.9	1925.9	1968.9	2005.3	1995.9	1947.9	1931.4
52.5°	2118.7	2128.2	2189.1	2210.1	2177.6	2127.2	2161.6	2184.1	2153.6	2090.7	2065.3
55°	2259.0	2275.0	2355.9	2419.8	2444.3	2406.3	2402.3	2369.4	2284.5	2188.6	2162.1
57.5°	2298.5	2313.9	2439.3	2604.0	2749.4	2768.3	2680.4	2515.2	2332.4	2184.6	2157.6
60°	2138.2	2159.1	2342.4	2654.5	3071.4	3243.2	2925.6	2527.7	2208.1	2009.8	1975.9
62.5°	1679.3	1718.2	1954.9	2444.3	3201.3	3675.6	3026.5	2312.4	1833.1	1598.9	1553.9
65°	913.3	946.7	1207.9	1821.6	2938.1	3768.0	2779.3	1760.7	1198.9	963.7	939.3
67.5°	342.5	367.0	486.9	900.3	2077.2	3221.2	2109.7	1008.2	544.3	390.5	356.0
70°	145.8	148.8	176.3	313.6	944.2	2095.7	1080.1	342.5	181.8	146.8	142.8
72.5°	104.9	105.4	112.9	138.8	287.6	919.3	326.6	143.8	110.9	99.9	99.9
75°	83.9	84.4	88.9	100.4	135.8	270.6	140.8	100.9	85.9	78.4	77.4
77.5°	65.9	66.9	71.4	78.4	90.9	123.8	95.4	79.4	68.9	61.9	60.9
80°	48.9	50.4	56.4	59.9	63.9	82.4	69.4	61.9	54.9	47.4	45.9
82.5°	32.5	34.0	41.9	44.4	43.9	51.9	47.9	47.4	41.9	31.5	30.0
85°	19.5	20.5	27.0	29.0	27.0	25.5	30.5	33.0	29.5	20.5	19.0
87.5°	8.5	8.5	12.0	12.5	12.0	9.5	14.5	17.0	17.5	10.5	9.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)