

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: P672727

Luminaire Tested: **CCP-SA-2C-827-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672727
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-827-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5NQ
distribution lens
Light Source: (32) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6916.4 lumens
Efficiency: N/A
Efficacy: 111.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

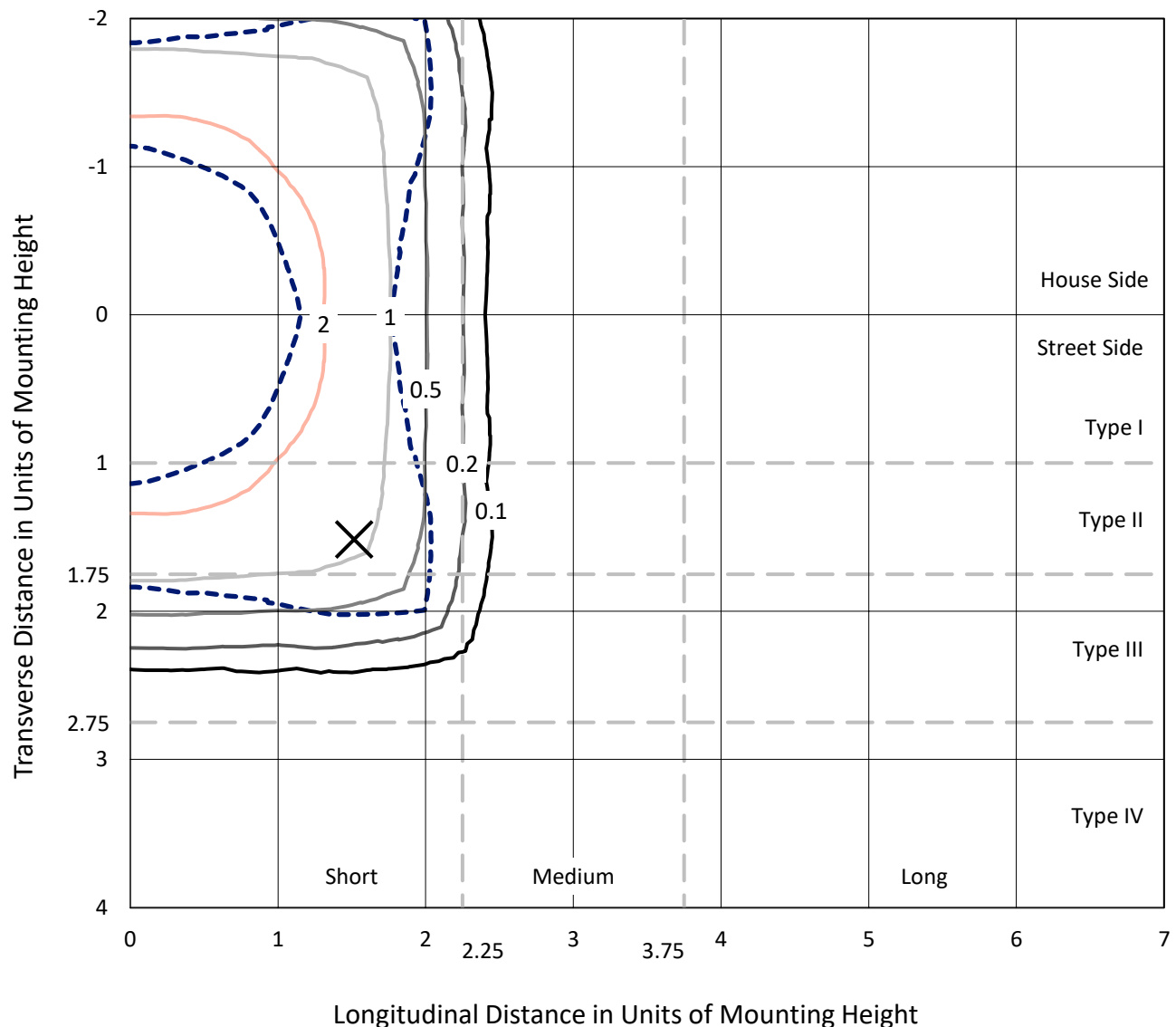
Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

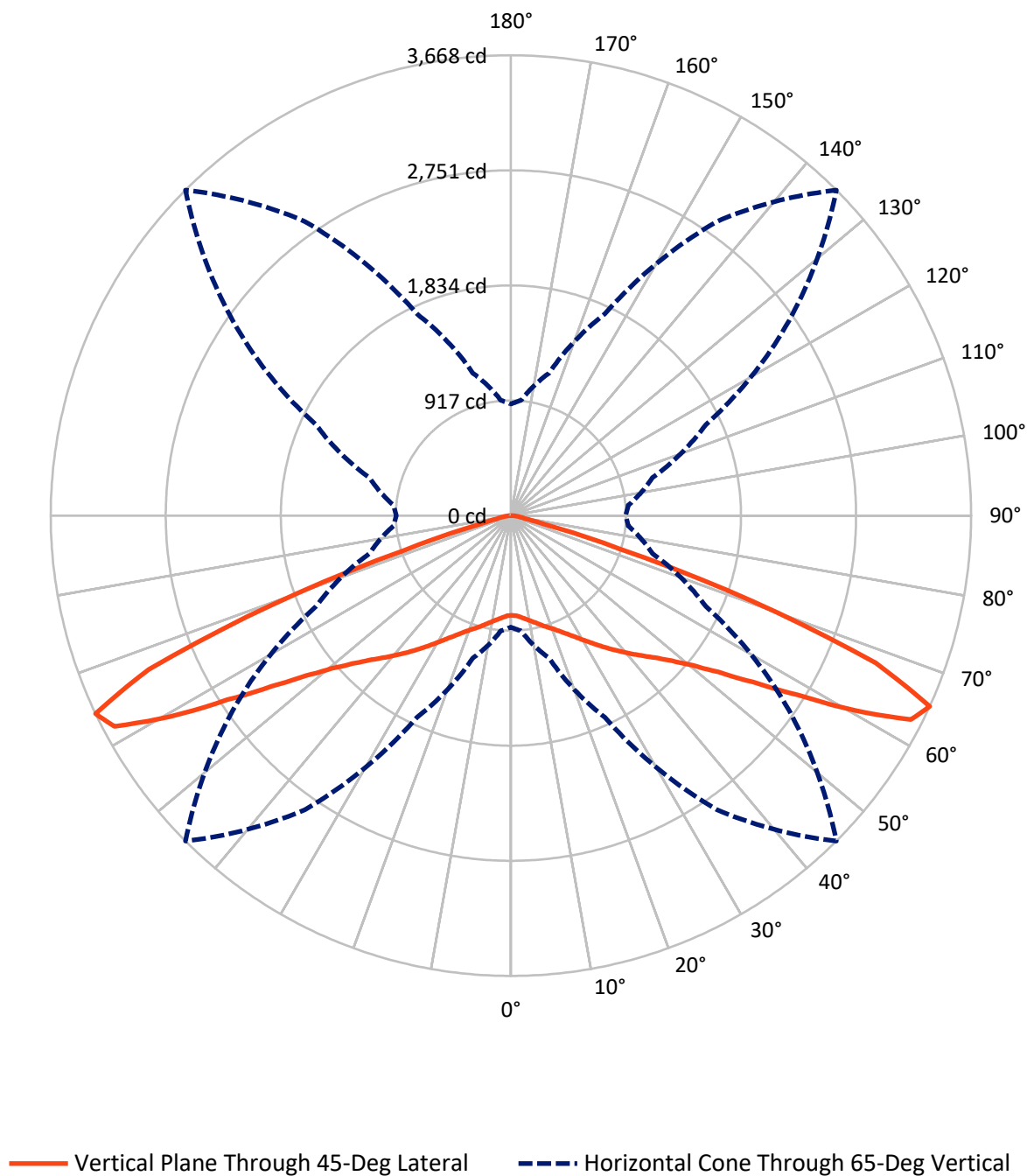


Based on 15 foot mounting height. Maximum calculated value = 3.6 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3458.2	0.0	3458.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3458.2	0.0	3458.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	6916.4	0.0	6916.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.8	1.1
10°-20°	257.1	3.7
20°-30°	487.7	7.1
30°-40°	817.9	11.8
40°-50°	1294.2	18.7
50°-60°	2033.2	29.4
60°-70°	1717.9	24.8
70°-80°	200.0	2.9
80°-90°	29.8	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°	6916.4	100.0
0°-180°	6916.4	100.0

Coefficient of Utilization



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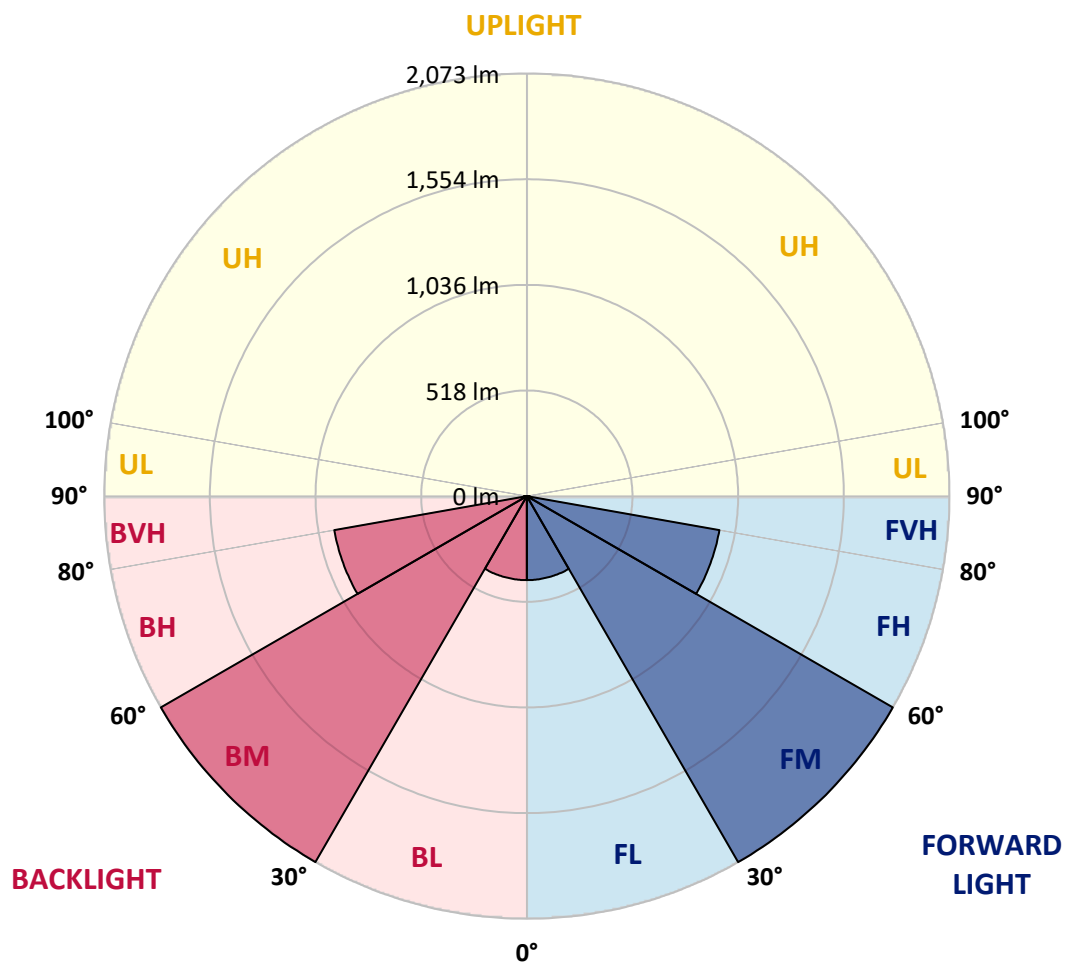
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	411.8	6.0			
FM	(30°-60°)	2072.6	30.0			
FH	(60°-80°)	958.9	13.9			G1/1800
FVH	(80°-90°)	14.9	0.2			G1/100
BL	(0°-30°)	411.8	6.0	B1/500		
BM	(30°-60°)	2072.6	30.0	B2/2500		
BH	(60°-80°)	958.9	13.9	B2/1000		G1/1800
BVH	(80°-90°)	14.9	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°	795.3	795.3	795.3	795.3	795.3	795.3	795.3	795.3	795.3	795.3	795.3
2.5°	799.6	797.2	799.6	799.6	798.2	798.7	796.7	796.2	798.7	796.7	796.2
5°	816.2	814.2	816.2	814.7	812.3	812.8	809.8	808.9	811.8	808.9	809.4
7.5°	835.1	831.7	832.7	834.2	831.7	831.7	829.3	827.8	829.3	826.4	828.3
10°	851.2	848.3	849.7	851.7	851.2	852.6	850.2	849.2	847.8	844.4	847.3
12.5°	872.1	871.1	873.0	875.5	874.5	876.4	871.1	869.6	869.2	865.3	868.7
15°	899.3	896.9	900.3	903.2	901.7	905.1	900.7	898.8	896.4	891.5	894.4
17.5°	926.5	924.6	929.4	930.9	931.4	934.3	930.9	928.0	927.0	923.6	921.7
20°	959.1	956.7	960.5	963.5	961.0	964.4	963.0	961.0	960.1	954.7	954.2
22.5°	995.5	992.1	998.0	1001.4	998.0	1001.4	998.5	998.0	998.5	990.7	991.7
25°	1036.4	1036.9	1042.7	1045.1	1043.2	1045.1	1040.7	1043.7	1042.2	1033.9	1031.0
27.5°	1088.9	1086.9	1093.2	1100.5	1095.7	1095.7	1093.7	1096.6	1096.2	1088.4	1086.4
30°	1150.1	1149.6	1158.9	1163.2	1156.4	1153.5	1153.0	1160.3	1160.8	1152.6	1149.1
32.5°	1214.3	1214.3	1225.5	1230.8	1221.1	1219.1	1217.2	1226.9	1225.5	1214.3	1207.0
35°	1284.8	1281.9	1296.9	1304.7	1295.0	1289.1	1288.2	1296.9	1295.0	1279.4	1270.7
37.5°	1354.3	1356.2	1373.7	1382.5	1370.8	1363.5	1366.0	1371.8	1372.3	1355.3	1346.0
40°	1439.4	1439.8	1461.7	1468.5	1453.4	1442.3	1445.7	1458.8	1457.8	1436.9	1425.3
42.5°	1534.6	1532.7	1559.9	1565.7	1545.3	1523.9	1534.1	1554.6	1559.4	1536.1	1523.9
45°	1636.7	1639.6	1667.8	1674.1	1642.1	1614.8	1636.7	1667.3	1673.7	1648.4	1633.3
47.5°	1760.7	1764.1	1798.1	1800.5	1764.1	1728.6	1757.7	1797.6	1800.0	1765.0	1747.5
50°	1902.1	1913.8	1951.7	1956.6	1920.6	1874.9	1916.7	1952.2	1943.0	1896.3	1880.2
52.5°	2062.5	2071.8	2131.1	2151.5	2119.9	2070.8	2104.3	2126.2	2096.6	2035.3	2010.5
55°	2199.1	2214.7	2293.4	2355.7	2379.5	2342.5	2338.6	2306.6	2223.9	2130.6	2104.8
57.5°	2237.5	2252.6	2374.6	2535.0	2676.5	2695.0	2609.4	2448.5	2270.6	2126.7	2100.5
60°	2081.5	2101.9	2280.3	2584.1	2990.0	3157.2	2848.1	2460.7	2149.5	1956.6	1923.5
62.5°	1634.8	1672.7	1903.1	2379.5	3116.4	3578.2	2946.3	2251.1	1784.5	1556.5	1512.8
65°	889.1	921.7	1175.9	1773.3	2860.2	3668.1	2705.7	1714.0	1167.1	938.2	914.4
67.5°	333.5	357.3	474.0	876.4	2022.2	3135.9	2053.8	981.4	529.9	380.1	346.6
70°	141.9	144.9	171.6	305.3	919.2	2040.2	1051.4	333.5	176.9	142.9	139.0
72.5°	102.1	102.6	109.9	135.1	280.0	894.9	317.9	140.0	107.9	97.2	97.2
75°	81.7	82.2	86.5	97.7	132.2	263.5	137.1	98.2	83.6	76.3	75.3
77.5°	64.2	65.1	69.5	76.3	88.5	120.6	92.8	77.3	67.1	60.3	59.3
80°	47.6	49.1	54.9	58.3	62.2	80.2	67.6	60.3	53.5	46.2	44.7
82.5°	31.6	33.1	40.8	43.3	42.8	50.6	46.7	46.2	40.8	30.6	29.2
85°	19.0	19.9	26.2	28.2	26.2	24.8	29.7	32.1	28.7	19.9	18.5
87.5°	8.3	8.3	11.7	12.2	11.7	9.2	14.1	16.5	17.0	10.2	9.2
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)