

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: P672672

Luminaire Tested: **CCP-SA-2C-730-U-5NQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672672
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-730-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5NQ
distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8567.6 lumens
Efficiency: N/A
Efficacy: 138.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

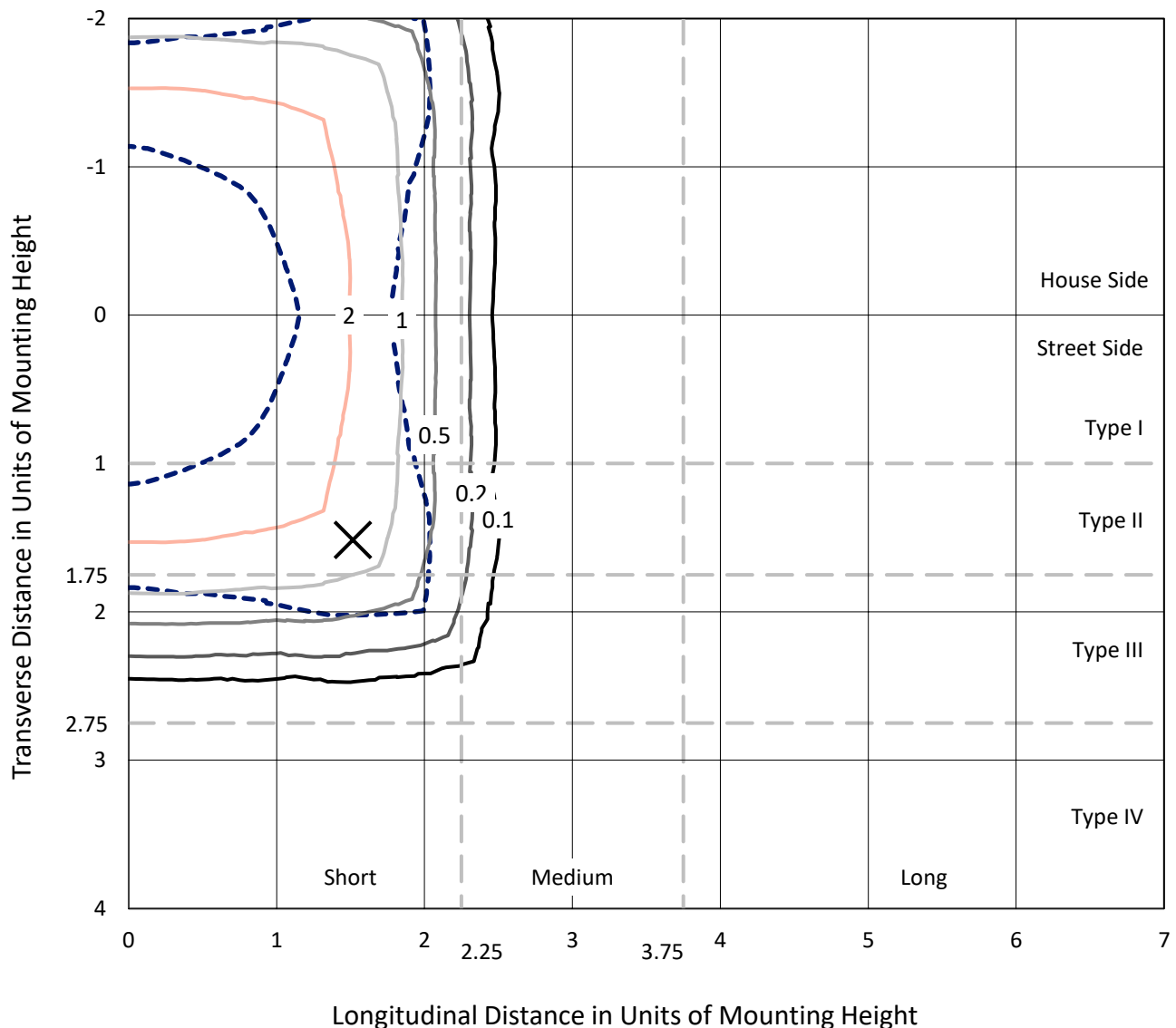
Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

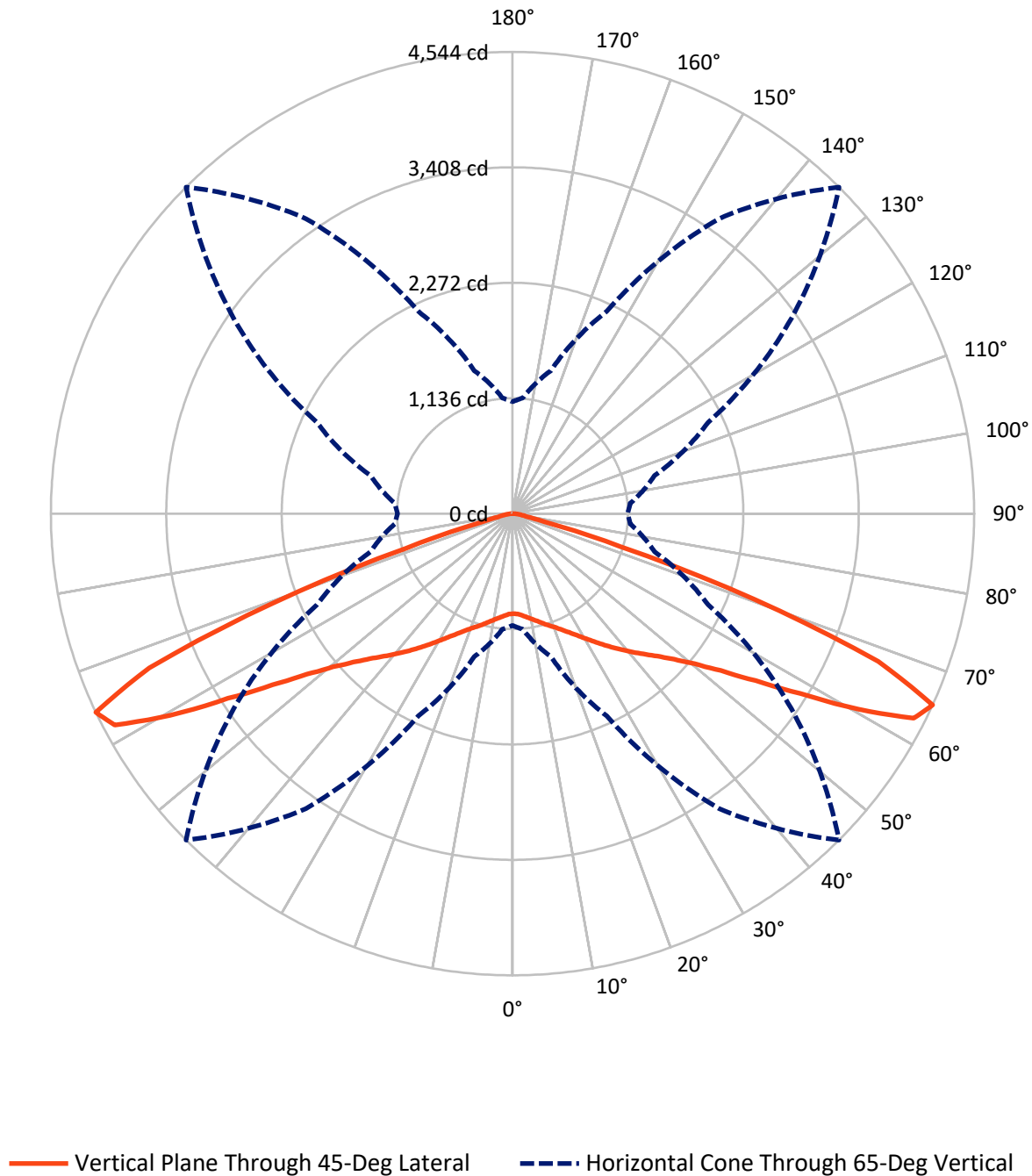


Based on 15 foot mounting height. Maximum calculated value = 4.5 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4283.8	0.0	4283.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4283.8	0.0	4283.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	8567.6	0.0	8567.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.6	1.1
10°-20°	318.5	3.7
20°-30°	604.1	7.1
30°-40°	1013.1	11.8
40°-50°	1603.1	18.7
50°-60°	2518.6	29.4
60°-70°	2128.0	24.8
70°-80°	247.8	2.9
80°-90°	36.9	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°	8567.6	100.0
0°-180°	8567.6	100.0

Coefficient of Utilization



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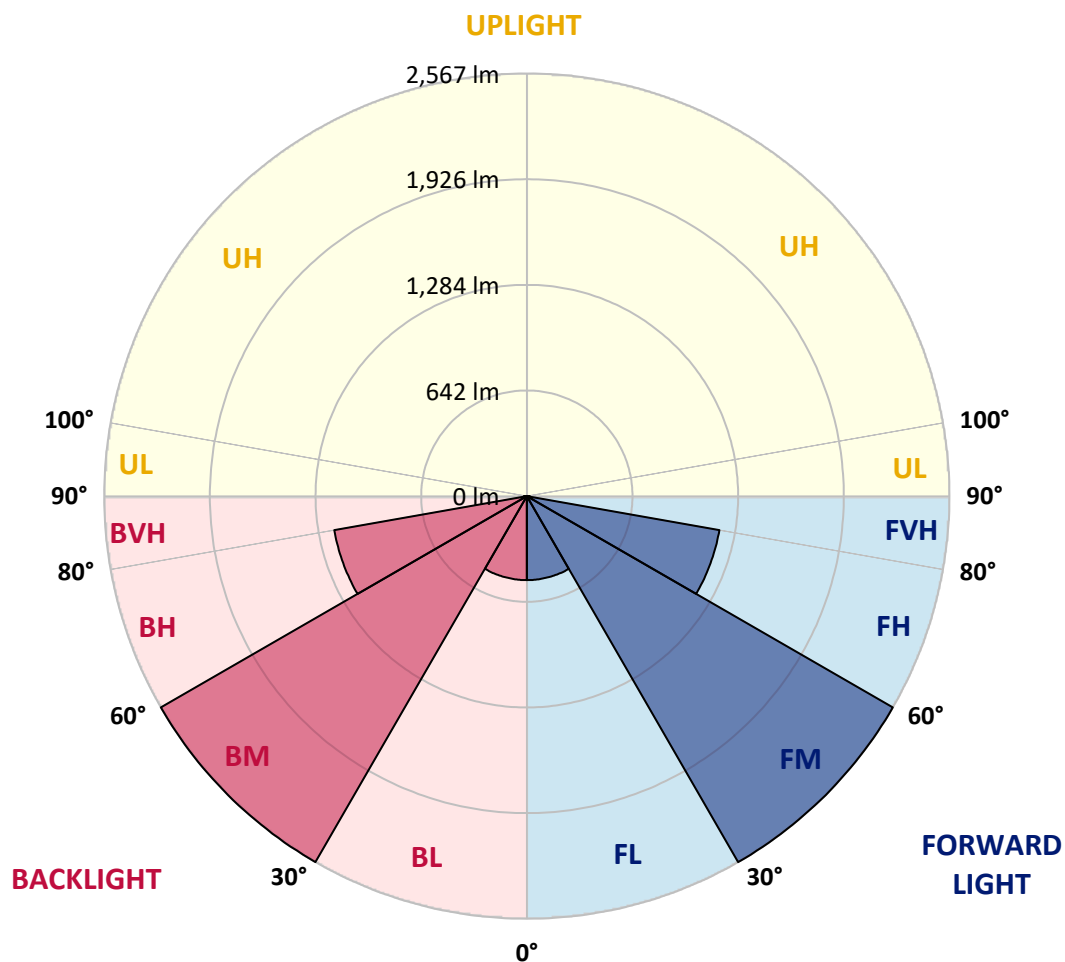
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	510.1	6.0			
FM	(30°-60°)	2567.4	30.0			
FH	(60°-80°)	1187.9	13.9			G1/1800
FVH	(80°-90°)	18.5	0.2			G1/100
BL	(0°-30°)	510.1	6.0	B2/1000		
BM	(30°-60°)	2567.4	30.0	B3/5000		
BH	(60°-80°)	1187.9	13.9	B3/2500		G1/1800
BVH	(80°-90°)	18.5	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	985.1	985.1	985.1	985.1	985.1	985.1	985.1	985.1	985.1	985.1	985.1
2.5°	990.5	987.5	990.5	990.5	988.7	989.3	986.9	986.3	989.3	986.9	986.3
5°	1011.0	1008.6	1011.0	1009.2	1006.2	1006.8	1003.2	1002.0	1005.6	1002.0	1002.6
7.5°	1034.5	1030.3	1031.5	1033.3	1030.3	1030.3	1027.3	1025.5	1027.3	1023.7	1026.1
10°	1054.4	1050.8	1052.6	1055.0	1054.4	1056.2	1053.2	1052.0	1050.2	1045.9	1049.6
12.5°	1080.3	1079.1	1081.5	1084.5	1083.3	1085.7	1079.1	1077.3	1076.7	1071.8	1076.1
15°	1114.0	1111.0	1115.2	1118.8	1117.0	1121.2	1115.8	1113.4	1110.4	1104.4	1108.0
17.5°	1147.7	1145.3	1151.3	1153.1	1153.7	1157.3	1153.1	1149.5	1148.3	1144.1	1141.7
20°	1188.1	1185.0	1189.9	1193.5	1190.5	1194.7	1192.9	1190.5	1189.3	1182.6	1182.0
22.5°	1233.2	1229.0	1236.2	1240.4	1236.2	1240.4	1236.8	1236.2	1236.8	1227.2	1228.4
25°	1283.8	1284.4	1291.6	1294.6	1292.2	1294.6	1289.2	1292.8	1291.0	1280.8	1277.2
27.5°	1348.8	1346.4	1354.3	1363.3	1357.3	1357.3	1354.9	1358.5	1357.9	1348.2	1345.8
30°	1424.7	1424.1	1435.5	1441.0	1432.5	1428.9	1428.3	1437.3	1438.0	1427.7	1423.5
32.5°	1504.2	1504.2	1518.0	1524.7	1512.6	1510.2	1507.8	1519.8	1518.0	1504.2	1495.2
35°	1591.5	1587.9	1606.6	1616.2	1604.1	1596.9	1595.7	1606.6	1604.1	1584.9	1574.0
37.5°	1677.6	1680.0	1701.7	1712.5	1698.1	1689.1	1692.1	1699.3	1699.9	1678.8	1667.4
40°	1783.0	1783.6	1810.7	1819.1	1800.4	1786.6	1790.8	1807.1	1805.9	1780.0	1765.5
42.5°	1901.0	1898.6	1932.3	1939.5	1914.3	1887.8	1900.4	1925.7	1931.7	1902.8	1887.8
45°	2027.5	2031.1	2066.0	2073.8	2034.1	2000.4	2027.5	2065.4	2073.2	2041.9	2023.2
47.5°	2181.0	2185.2	2227.4	2230.4	2185.2	2141.3	2177.4	2226.8	2229.8	2186.4	2164.8
50°	2356.2	2370.7	2417.7	2423.7	2379.1	2322.5	2374.3	2418.3	2406.8	2349.0	2329.1
52.5°	2555.0	2566.4	2639.9	2665.1	2626.0	2565.2	2606.7	2633.8	2597.1	2521.2	2490.5
55°	2724.2	2743.4	2841.0	2918.1	2947.6	2901.8	2897.0	2857.2	2754.9	2639.3	2607.3
57.5°	2771.7	2790.4	2941.5	3140.2	3315.5	3338.4	3232.4	3033.1	2812.7	2634.4	2601.9
60°	2578.4	2603.7	2824.7	3201.1	3703.9	3911.0	3528.0	3048.1	2662.7	2423.7	2382.7
62.5°	2025.1	2072.0	2357.4	2947.6	3860.4	4432.5	3649.7	2788.6	2210.5	1928.1	1873.9
65°	1101.3	1141.7	1456.6	2196.7	3543.1	4543.9	3351.6	2123.2	1445.8	1162.2	1132.7
67.5°	413.1	442.6	587.1	1085.7	2505.0	3884.5	2544.1	1215.8	656.4	470.9	429.3
70°	175.8	179.4	212.6	378.2	1138.7	2527.3	1302.5	413.1	219.2	177.0	172.2
72.5°	126.5	127.1	136.1	167.4	346.8	1108.6	393.8	173.4	133.7	120.4	120.4
75°	101.2	101.8	107.2	121.0	163.8	326.4	169.8	121.6	103.6	94.5	93.3
77.5°	79.5	80.7	86.1	94.5	109.6	149.3	115.0	95.7	83.1	74.7	73.5
80°	59.0	60.8	68.0	72.3	77.1	99.4	83.7	74.7	66.2	57.2	55.4
82.5°	39.1	40.9	50.6	53.6	53.0	62.6	57.8	57.2	50.6	37.9	36.1
85°	23.5	24.7	32.5	34.9	32.5	30.7	36.7	39.7	35.5	24.7	22.9
87.5°	10.2	10.2	14.5	15.1	14.5	11.4	17.5	20.5	21.1	12.6	11.4
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)