

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: P672738

Luminaire Tested: **CCP-SA-2C-830-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672738
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-830-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5NQ
distribution lens
Light Source: (32) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7476.2 lumens
Efficiency: N/A
Efficacy: 120.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

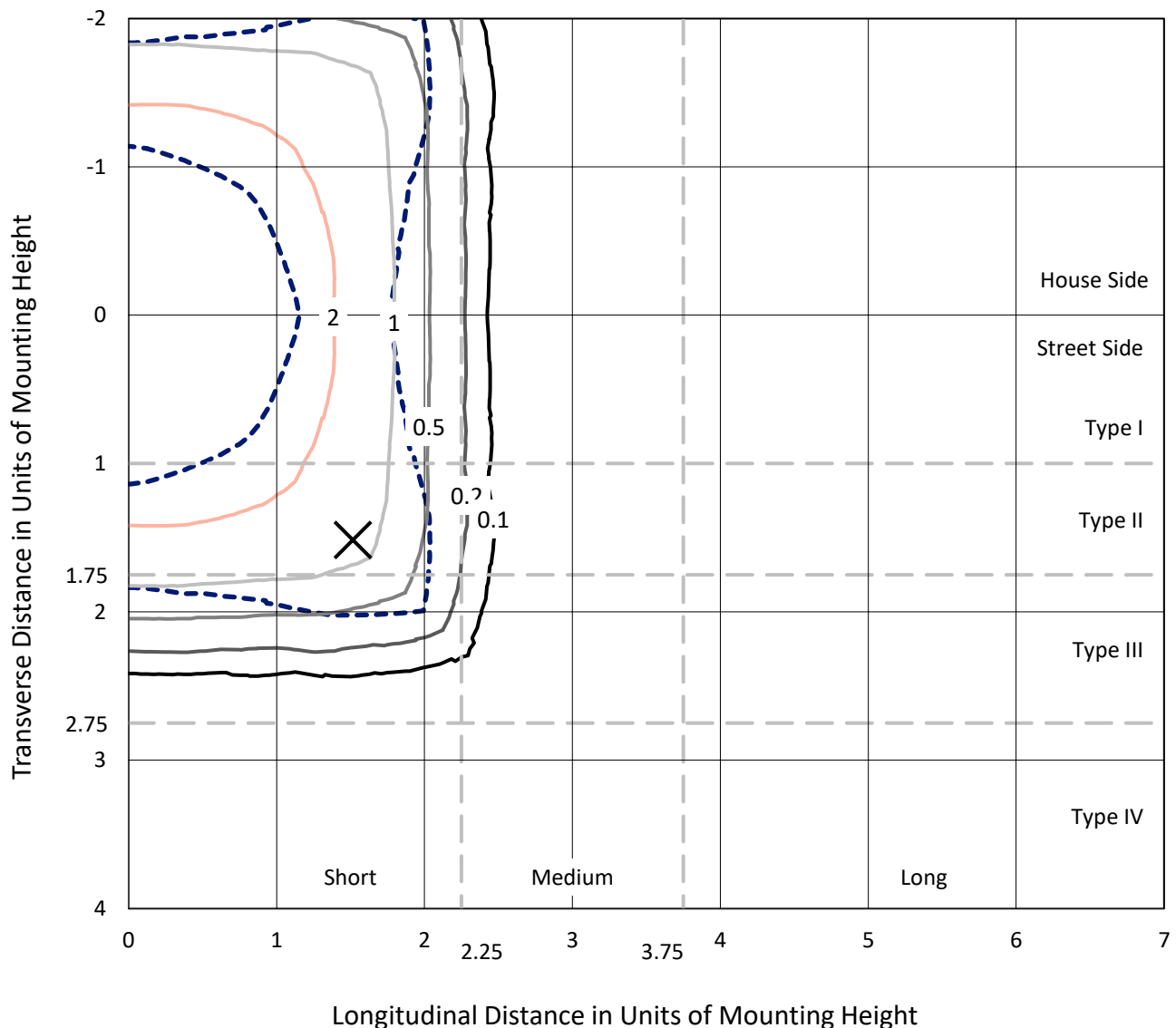
Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

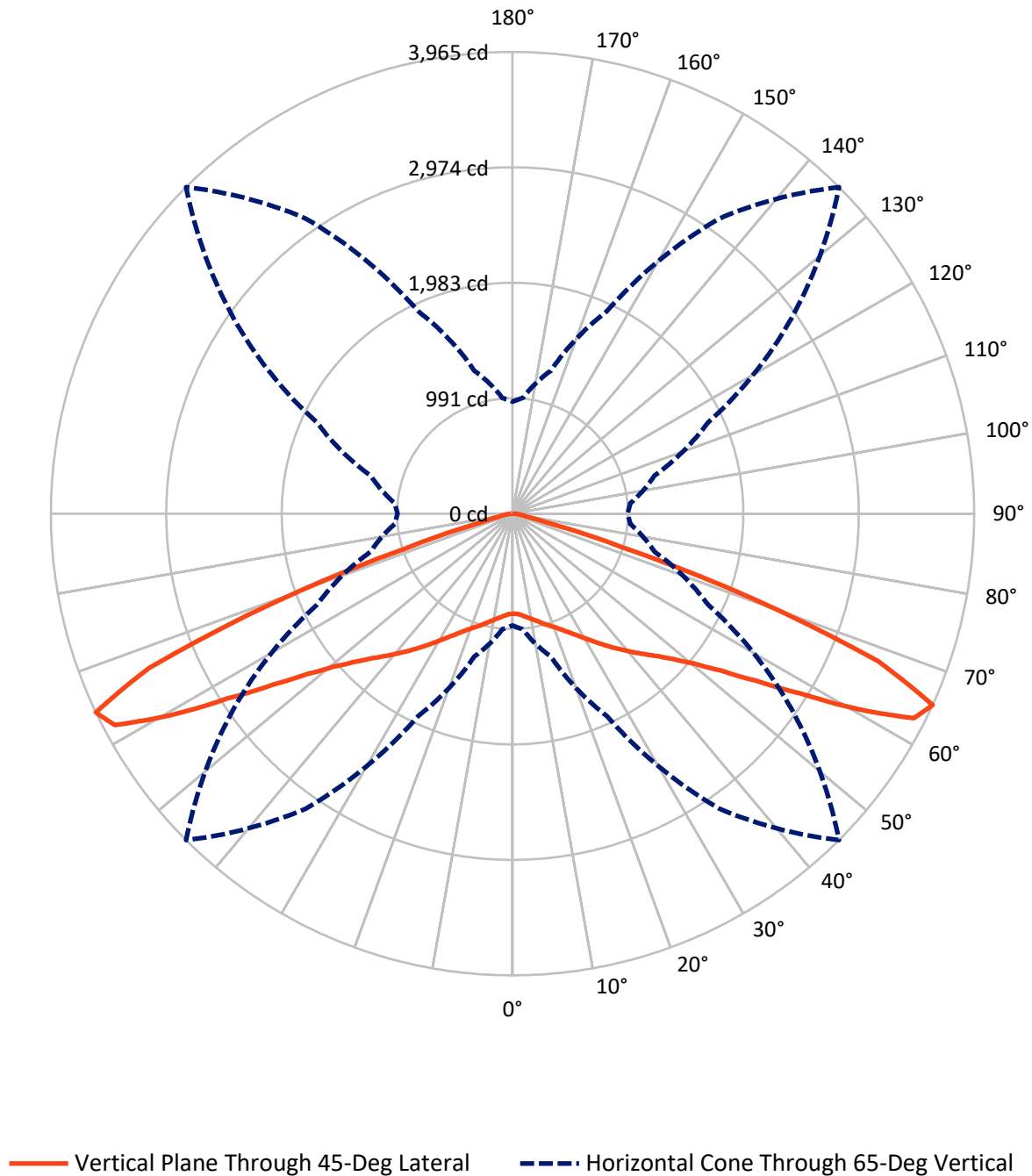


Based on 15 foot mounting height. Maximum calculated value = 3.9 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3738.1	0.0	3738.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3738.1	0.0	3738.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	7476.2	0.0	7476.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.1	1.1
10°-20°	277.9	3.7
20°-30°	527.1	7.1
30°-40°	884.1	11.8
40°-50°	1398.9	18.7
50°-60°	2197.7	29.4
60°-70°	1856.9	24.8
70°-80°	216.2	2.9
80°-90°	32.2	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°	7476.2	100.0
0°-180°	7476.2	100.0

Coefficient of Utilization



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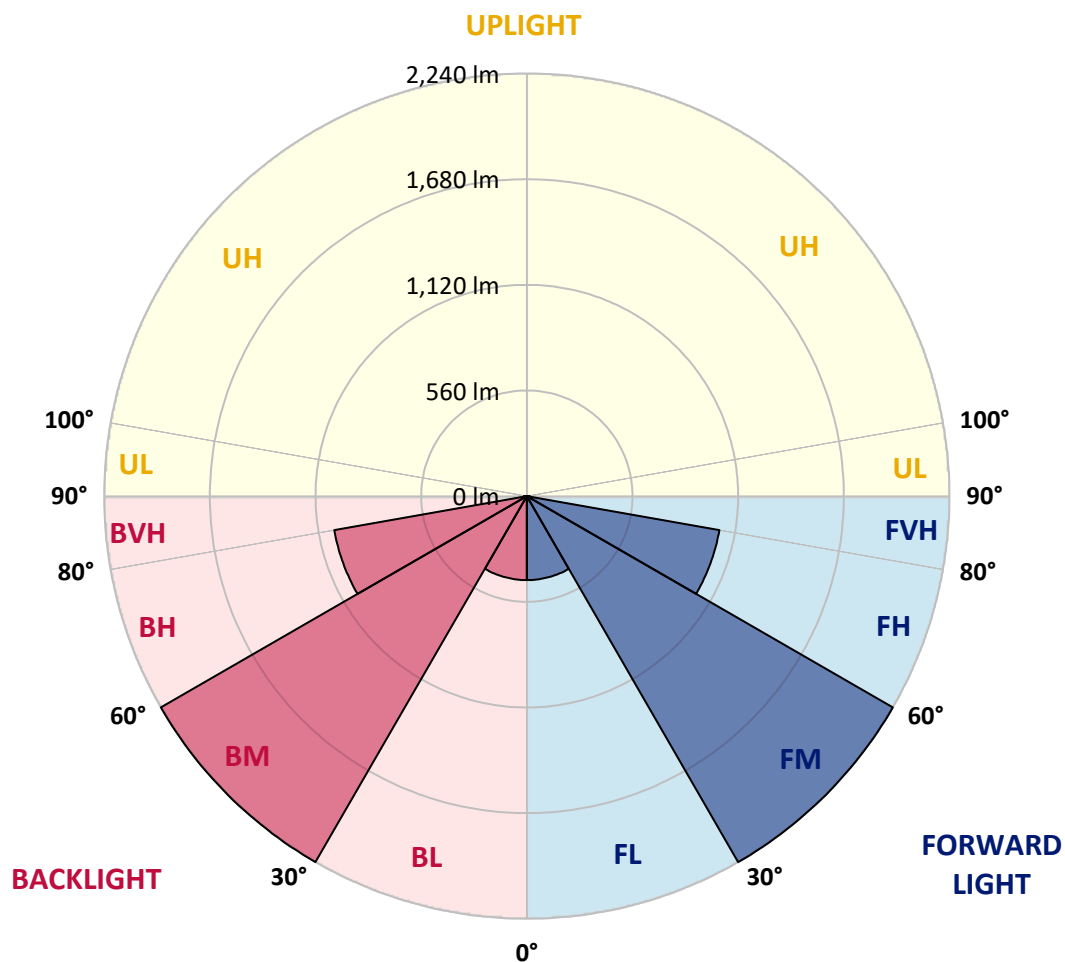
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	445.1	6.0			
FM	(30°-60°)	2240.3	30.0			
FH	(60°-80°)	1036.6	13.9			G1/1800
FVH	(80°-90°)	16.1	0.2			G1/100
BL	(0°-30°)	445.1	6.0	B1/500		
BM	(30°-60°)	2240.3	30.0	B2/2500		
BH	(60°-80°)	1036.6	13.9	B3/2500		G1/1800
BVH	(80°-90°)	16.1	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°	859.6	859.6	859.6	859.6	859.6	859.6	859.6	859.6	859.6	859.6	859.6
2.5°	864.4	861.7	864.4	864.4	862.8	863.3	861.2	860.7	863.3	861.2	860.7
5°	882.2	880.1	882.2	880.7	878.0	878.6	875.4	874.3	877.5	874.3	874.9
7.5°	902.7	899.0	900.1	901.7	899.0	899.0	896.4	894.8	896.4	893.3	895.4
10°	920.1	916.9	918.5	920.6	920.1	921.6	919.0	918.0	916.4	912.7	915.9
12.5°	942.7	941.6	943.7	946.3	945.3	947.4	941.6	940.0	939.5	935.3	939.0
15°	972.1	969.5	973.1	976.3	974.7	978.4	973.7	971.6	968.9	963.7	966.8
17.5°	1001.5	999.4	1004.7	1006.2	1006.8	1009.9	1006.2	1003.1	1002.0	998.4	996.3
20°	1036.7	1034.1	1038.3	1041.4	1038.8	1042.5	1040.9	1038.8	1037.8	1032.0	1031.5
22.5°	1076.1	1072.4	1078.7	1082.4	1078.7	1082.4	1079.3	1078.7	1079.3	1070.9	1071.9
25°	1120.3	1120.8	1127.1	1129.7	1127.6	1129.7	1125.0	1128.1	1126.6	1117.6	1114.5
27.5°	1177.0	1174.9	1181.7	1189.6	1184.4	1184.4	1182.3	1185.4	1184.9	1176.5	1174.4
30°	1243.2	1242.7	1252.7	1257.4	1250.0	1246.9	1246.4	1254.2	1254.8	1245.8	1242.2
32.5°	1312.6	1312.6	1324.7	1330.4	1319.9	1317.8	1315.7	1326.2	1324.7	1312.6	1304.7
35°	1388.8	1385.6	1401.9	1410.3	1399.8	1393.5	1392.4	1401.9	1399.8	1383.0	1373.5
37.5°	1463.9	1466.0	1484.9	1494.4	1481.8	1473.9	1476.5	1482.8	1483.3	1465.0	1455.0
40°	1555.9	1556.4	1580.0	1587.4	1571.1	1559.0	1562.7	1576.9	1575.8	1553.2	1540.6
42.5°	1658.8	1656.7	1686.2	1692.5	1670.4	1647.3	1658.3	1680.4	1685.6	1660.4	1647.3
45°	1769.2	1772.3	1802.8	1809.6	1775.0	1745.5	1769.2	1802.3	1809.1	1781.8	1765.5
47.5°	1903.2	1906.9	1943.6	1946.3	1906.9	1868.5	1900.0	1943.1	1945.7	1907.9	1889.0
50°	2056.1	2068.7	2109.7	2114.9	2076.0	2026.7	2071.8	2110.2	2100.2	2049.8	2032.4
52.5°	2229.5	2239.5	2303.6	2325.6	2291.5	2238.4	2274.7	2298.3	2266.3	2200.1	2173.3
55°	2377.1	2393.9	2479.1	2546.3	2572.1	2532.1	2527.9	2493.3	2403.9	2303.0	2275.2
57.5°	2418.6	2434.9	2566.8	2740.2	2893.1	2913.1	2820.6	2646.7	2454.4	2298.8	2270.5
60°	2250.0	2272.0	2464.9	2793.3	3232.0	3412.8	3078.6	2659.8	2323.5	2114.9	2079.2
62.5°	1767.1	1808.1	2057.1	2572.1	3368.7	3867.8	3184.7	2433.4	1928.9	1682.5	1635.2
65°	961.0	996.3	1271.1	1916.8	3091.7	3965.0	2924.6	1852.7	1261.6	1014.1	988.4
67.5°	360.5	386.2	512.3	947.4	2185.9	3389.7	2220.0	1060.9	572.7	410.9	374.6
70°	153.4	156.6	185.5	330.0	993.6	2205.3	1136.5	360.5	191.3	154.5	150.3
72.5°	110.3	110.9	118.8	146.1	302.7	967.4	343.6	151.3	116.6	105.1	105.1
75°	88.3	88.8	93.5	105.6	142.9	284.8	148.2	106.1	90.4	82.5	81.4
77.5°	69.4	70.4	75.1	82.5	95.6	130.3	100.4	83.5	72.5	65.2	64.1
80°	51.5	53.1	59.4	63.1	67.3	86.7	73.0	65.2	57.8	49.9	48.3
82.5°	34.2	35.7	44.1	46.8	46.2	54.6	50.4	49.9	44.1	33.1	31.5
85°	20.5	21.5	28.4	30.5	28.4	26.8	32.1	34.7	31.0	21.5	20.0
87.5°	8.9	8.9	12.6	13.1	12.6	10.0	15.2	17.9	18.4	11.0	10.0
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)