

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: P672904

Luminaire Tested: **CCP-SA-2C-840-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672904
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-840-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ RW distribution lens
Light Source: (32) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

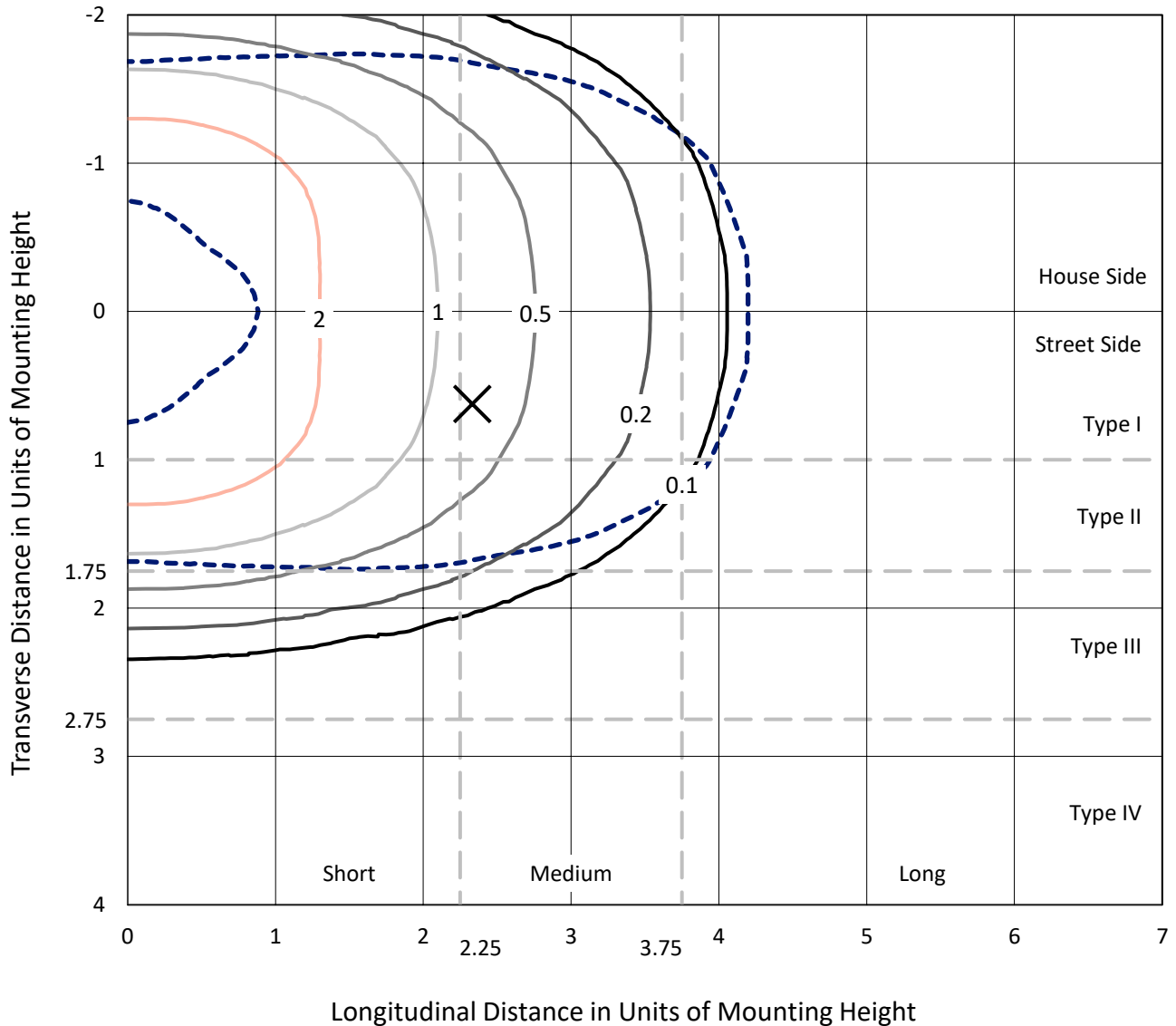
Lumens per Lamp: N/A
Luminaire Lumens: 7841.7 lumens
Efficiency: N/A
Efficacy: 126.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

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

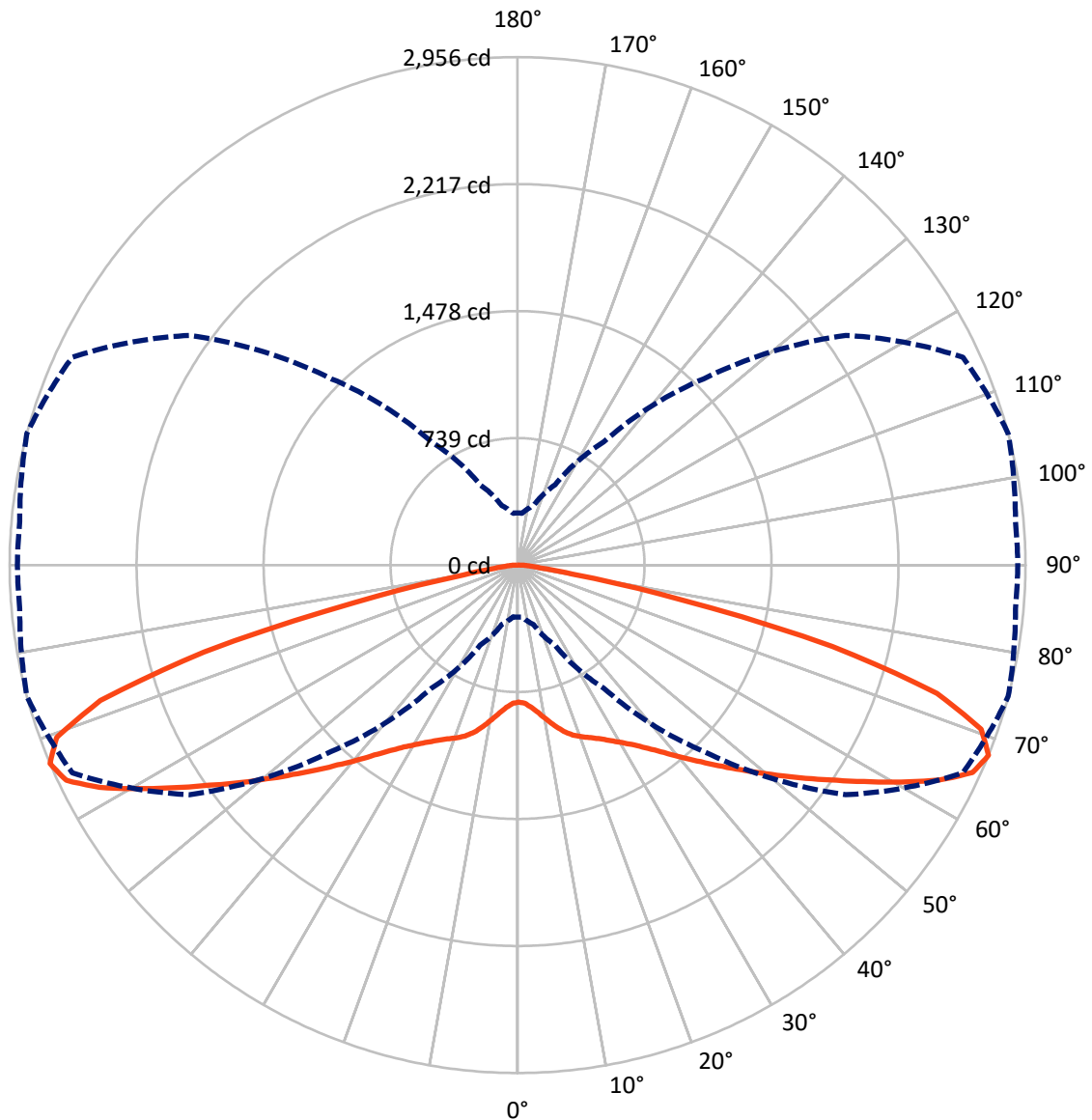
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.1 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3920.8	0.0	3920.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3920.8	0.0	3920.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	7841.7	0.0	7841.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.0	1.0
10°-20°	266.0	3.4
20°-30°	519.4	6.6
30°-40°	896.0	11.4
40°-50°	1451.5	18.5
50°-60°	1974.0	25.2
60°-70°	1821.1	23.2
70°-80°	762.0	9.7
80°-90°	72.8	0.9
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°	7841.7	100.0
0°-180°	7841.7	100.0



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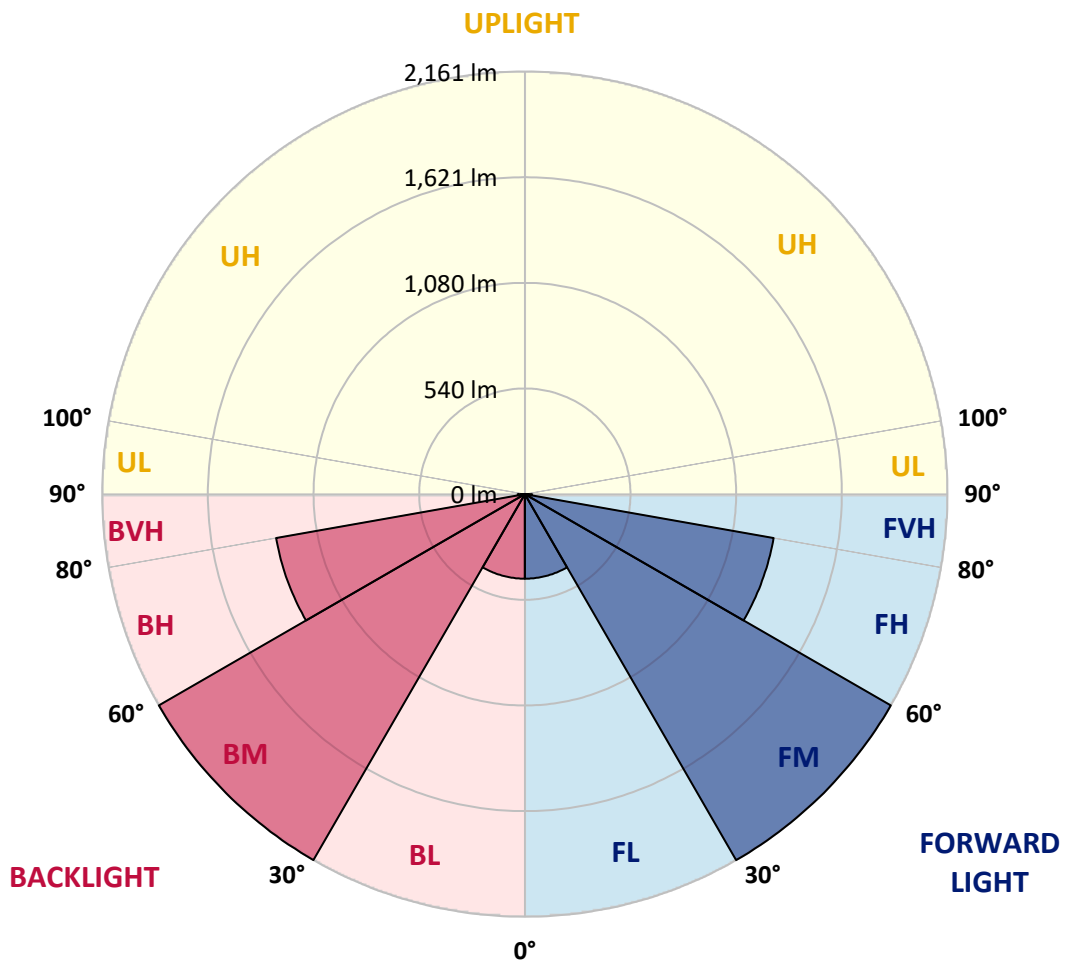
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	432.2	5.5			
FM (30°-60°)	2160.7	27.6			
FH (60°-80°)	1291.5	16.5			G1/1800
FVH (80°-90°)	36.4	0.5			G1/100
BL (0°-30°)	432.2	5.5	B1/500		
BM (30°-60°)	2160.7	27.6	B2/2500		
BH (60°-80°)	1291.5	16.5	B3/2500		G3/2500
BVH (80°-90°)	36.4	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	797.8	797.8	797.8	797.8	797.8	797.8	797.8	797.8	797.8	797.8	797.8
2.5°	792.7	792.7	795.0	797.8	798.9	801.2	801.7	801.7	805.1	804.5	805.1
5°	790.4	790.4	794.4	799.5	805.1	811.9	818.6	822.6	831.0	832.7	833.3
7.5°	792.7	793.3	798.9	807.4	816.9	829.3	842.3	853.0	867.1	872.2	875.6
10°	801.2	801.7	809.0	820.9	835.5	853.6	872.2	889.1	911.7	921.8	923.5
12.5°	814.1	814.7	825.4	844.6	865.4	888.0	908.8	930.3	958.5	973.7	977.1
15°	833.9	832.2	849.1	877.3	906.6	934.8	953.4	974.2	1004.1	1023.9	1028.9
17.5°	860.9	862.0	882.9	919.0	955.1	983.8	1002.4	1014.3	1040.2	1060.5	1065.6
20°	894.7	899.8	926.3	968.0	1010.3	1040.8	1053.7	1052.0	1066.7	1084.2	1088.1
22.5°	942.7	946.1	978.2	1025.0	1073.5	1105.0	1110.1	1091.5	1090.9	1102.2	1107.3
25°	999.0	1001.9	1035.7	1089.8	1141.1	1174.4	1169.3	1137.2	1120.3	1120.8	1124.2
27.5°	1065.0	1070.7	1105.6	1160.9	1213.9	1244.3	1237.0	1190.2	1156.9	1146.8	1144.5
30°	1150.7	1156.9	1192.4	1245.4	1292.2	1319.3	1308.0	1248.8	1199.2	1182.3	1178.9
32.5°	1262.3	1261.8	1298.4	1349.7	1382.4	1399.9	1377.9	1310.8	1248.2	1225.7	1221.2
35°	1377.4	1383.0	1419.1	1468.7	1493.5	1494.6	1459.7	1384.1	1309.7	1270.8	1262.3
37.5°	1507.0	1509.8	1551.6	1598.4	1614.7	1605.7	1553.8	1469.8	1384.1	1343.0	1328.3
40°	1640.1	1642.9	1691.4	1736.5	1754.5	1733.1	1664.9	1564.5	1472.1	1427.0	1418.5
42.5°	1763.6	1770.9	1825.0	1878.0	1895.5	1870.7	1788.4	1668.3	1565.1	1521.7	1510.4
45°	1866.2	1874.1	1935.0	2002.6	2033.6	2013.3	1920.3	1785.0	1672.2	1625.4	1606.3
47.5°	1943.4	1953.6	2018.4	2099.6	2159.9	2156.0	2060.7	1908.5	1787.2	1732.0	1714.5
50°	1996.4	2007.1	2077.0	2164.4	2255.2	2285.6	2203.3	2044.9	1915.2	1853.2	1841.4
52.5°	2000.4	2009.9	2090.0	2198.8	2320.0	2387.1	2343.7	2188.7	2056.2	1991.9	1983.4
55°	1912.4	1919.2	2025.7	2170.6	2346.5	2464.9	2471.7	2345.4	2206.7	2141.9	2137.9
57.5°	1710.6	1720.1	1847.6	2039.3	2302.5	2515.1	2582.8	2509.5	2377.0	2316.1	2312.7
60°	1381.9	1394.3	1539.7	1794.6	2143.6	2502.1	2676.9	2663.4	2563.0	2503.8	2501.6
62.5°	974.8	979.3	1131.0	1411.7	1832.3	2364.6	2722.6	2813.3	2755.8	2696.1	2699.5
65°	572.8	579.0	690.1	942.7	1389.8	2048.3	2643.6	2917.6	2910.3	2855.6	2861.3
67.5°	302.8	302.8	358.6	515.3	873.9	1533.5	2329.6	2860.1	2956.0	2908.1	2910.9
70°	209.2	208.6	218.8	258.8	422.3	950.6	1742.7	2559.1	2863.0	2844.9	2852.2
72.5°	177.0	175.9	176.5	182.1	214.8	429.6	1058.2	1971.0	2552.3	2579.9	2586.1
75°	155.0	153.4	152.2	151.1	153.9	195.1	482.6	1216.1	1892.1	2065.8	2062.4
77.5°	133.6	132.5	131.4	127.4	122.9	128.0	197.3	546.9	973.1	1148.5	1136.1
80°	109.9	109.9	111.6	106.0	97.5	94.2	117.8	204.1	323.1	337.2	310.1
82.5°	86.3	86.3	94.7	86.8	76.7	68.2	81.8	108.8	131.4	106.6	86.8
85°	60.9	61.5	78.9	72.2	59.2	39.5	50.7	64.8	73.9	46.8	36.6
87.5°	24.8	26.5	49.1	38.9	37.2	19.7	23.7	28.8	36.6	19.7	15.8
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)