

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: P672915

Luminaire Tested: **CCP-SA-2C-850-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672915
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-850-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ RW distribution lens
Light Source: (32) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

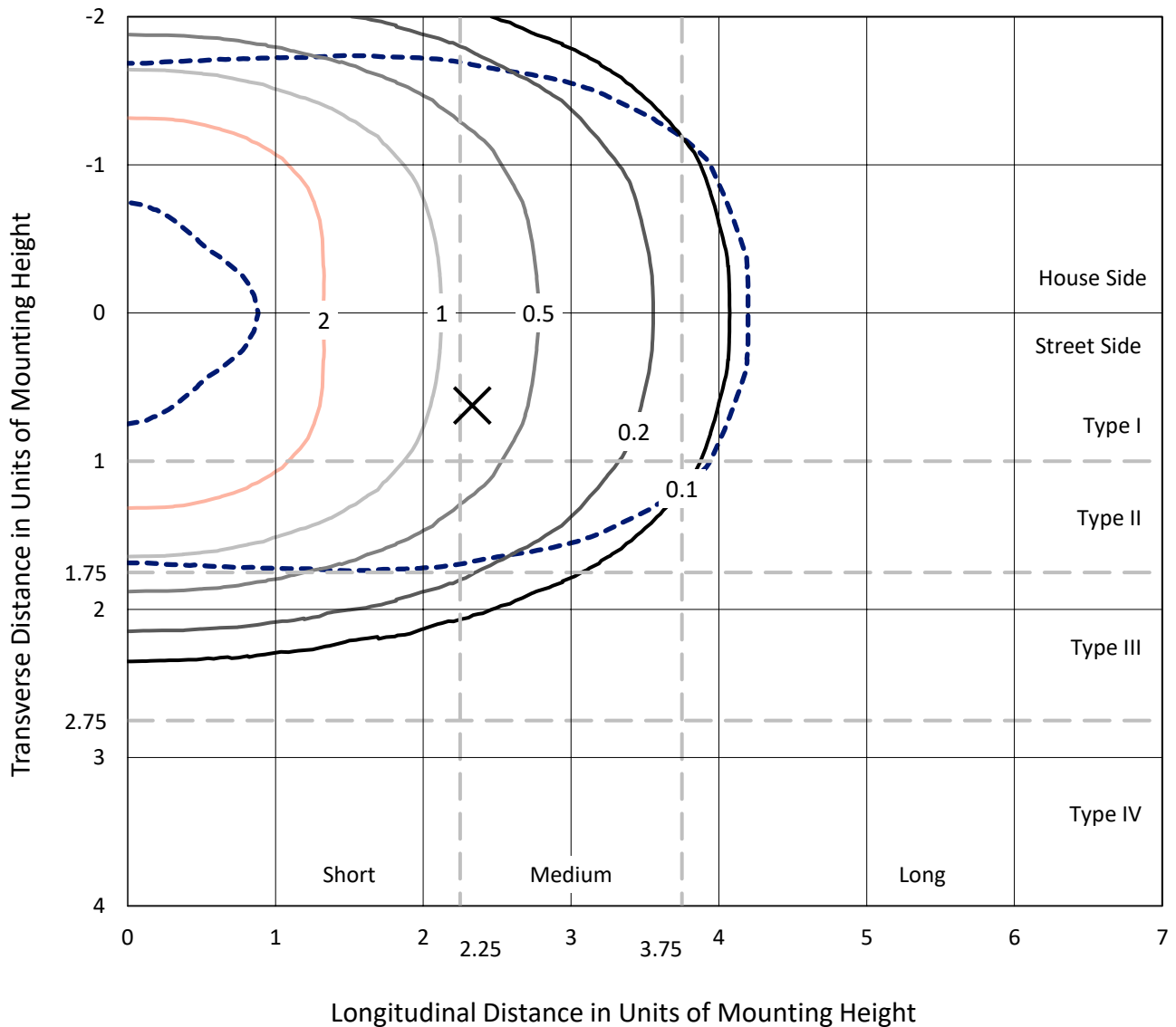
Lumens per Lamp: N/A
Luminaire Lumens: 8025.6 lumens
Efficiency: N/A
Efficacy: 129.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

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

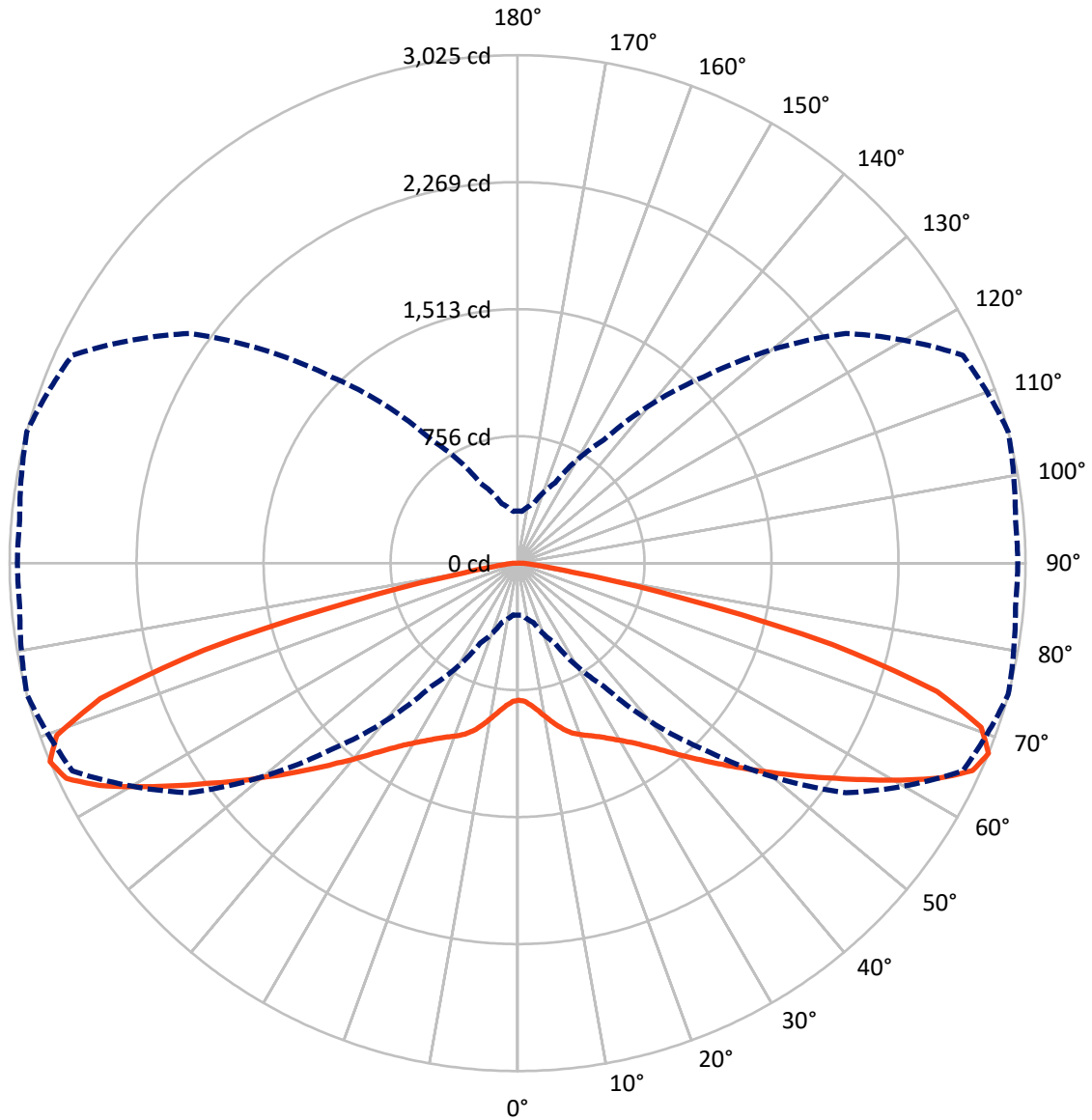
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.2 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	4012.8	0.0	4012.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4012.8	0.0	4012.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	8025.6	0.0	8025.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.8	1.0
10°-20°	272.2	3.4
20°-30°	531.6	6.6
30°-40°	917.1	11.4
40°-50°	1485.5	18.5
50°-60°	2020.3	25.2
60°-70°	1863.8	23.2
70°-80°	779.9	9.7
80°-90°	74.5	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°	8025.6	100.0
0°-180°	8025.6	100.0



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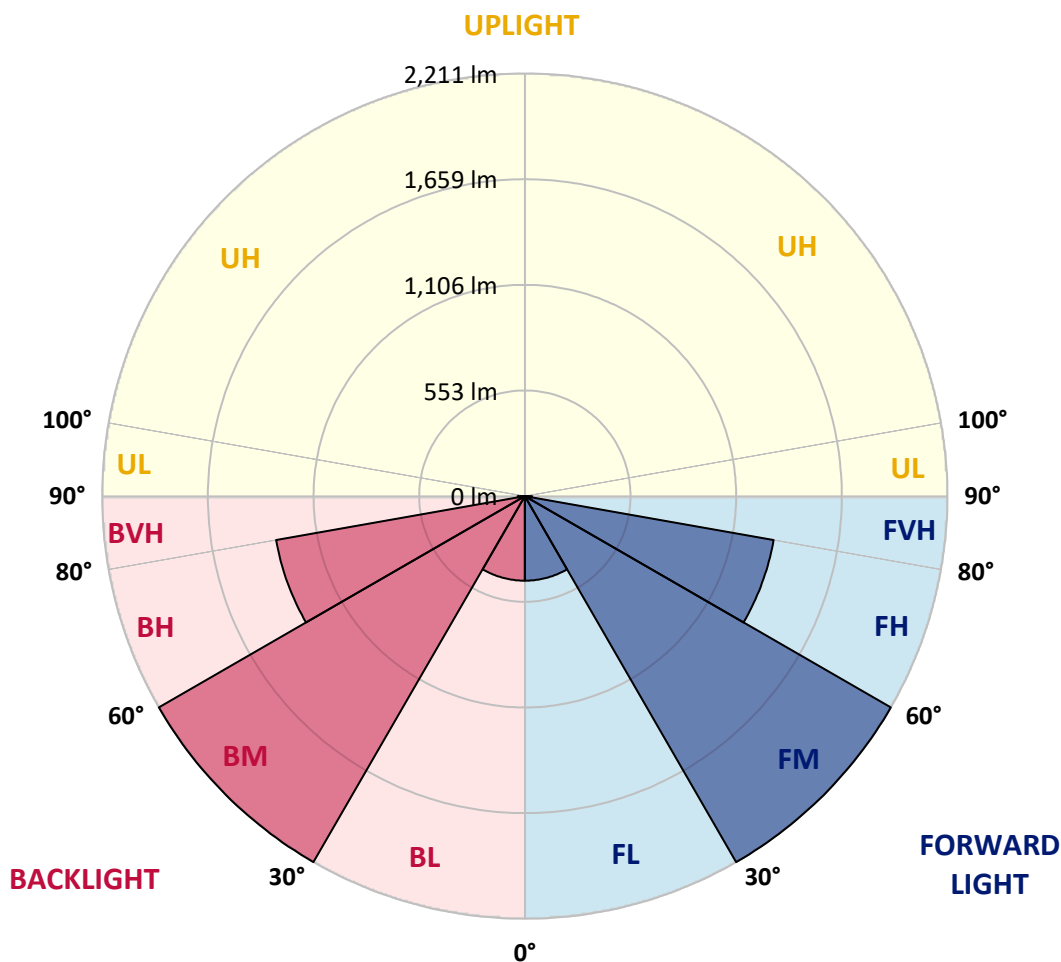
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	442.3	5.5			
FM (30°-60°)	2211.4	27.6			
FH (60°-80°)	1321.8	16.5			G1/1800
FVH (80°-90°)	37.2	0.5			G1/100
BL (0°-30°)	442.3	5.5	B1/500		
BM (30°-60°)	2211.4	27.6	B2/2500		
BH (60°-80°)	1321.8	16.5	B3/2500		G3/2500
BVH (80°-90°)	37.2	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°	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5
2.5°	811.3	811.3	813.6	816.5	817.6	819.9	820.5	820.5	824.0	823.4	824.0
5°	809.0	809.0	813.0	818.2	824.0	830.9	837.8	841.9	850.5	852.3	852.8
7.5°	811.3	811.9	817.6	826.3	836.1	848.8	862.1	873.0	887.5	892.7	896.1
10°	819.9	820.5	828.0	840.1	855.1	873.6	892.7	910.0	933.0	943.4	945.2
12.5°	833.2	833.8	844.8	864.4	885.7	908.8	930.2	952.1	980.9	996.5	1000.0
15°	853.4	851.7	869.0	897.8	927.9	956.7	975.7	997.1	1027.7	1047.9	1053.1
17.5°	881.1	882.3	903.6	940.5	977.5	1006.9	1025.9	1038.1	1064.6	1085.4	1090.6
20°	915.7	920.9	948.0	990.7	1034.0	1065.2	1078.5	1076.7	1091.7	1109.6	1113.7
22.5°	964.8	968.2	1001.1	1049.0	1098.7	1131.0	1136.2	1117.1	1116.5	1128.1	1133.3
25°	1022.5	1025.4	1060.0	1115.4	1167.9	1201.9	1196.7	1163.9	1146.5	1147.1	1150.6
27.5°	1090.0	1095.8	1131.5	1188.1	1242.3	1273.5	1266.0	1218.1	1184.1	1173.7	1171.4
30°	1177.7	1184.1	1220.4	1274.6	1322.5	1350.2	1338.7	1278.1	1227.3	1210.0	1206.6
32.5°	1292.0	1291.4	1328.9	1381.4	1414.9	1432.7	1410.2	1341.6	1277.5	1254.4	1249.8
35°	1409.7	1415.4	1452.4	1503.1	1528.5	1529.7	1493.9	1416.6	1340.4	1300.6	1292.0
37.5°	1542.4	1545.3	1588.0	1635.9	1652.6	1643.4	1590.3	1504.3	1416.6	1374.5	1359.5
40°	1678.6	1681.4	1731.1	1777.2	1795.7	1773.8	1703.9	1601.2	1506.6	1460.4	1451.8
42.5°	1804.9	1812.4	1867.8	1922.1	1939.9	1914.6	1830.3	1707.4	1601.8	1557.4	1545.8
45°	1909.9	1918.0	1980.3	2049.6	2081.3	2060.5	1965.3	1826.9	1711.4	1663.6	1643.9
47.5°	1989.0	1999.4	2065.7	2148.8	2210.6	2206.5	2109.0	1953.2	1829.2	1772.6	1754.7
50°	2043.2	2054.2	2125.8	2215.2	2308.1	2339.2	2255.0	2092.9	1960.1	1896.7	1884.6
52.5°	2047.3	2057.1	2139.0	2250.4	2374.4	2443.1	2398.7	2240.0	2104.4	2038.6	2030.0
55°	1957.3	1964.2	2073.2	2221.5	2401.6	2522.7	2529.7	2400.4	2258.5	2192.1	2188.1
57.5°	1750.7	1760.5	1890.9	2087.1	2356.6	2574.1	2643.3	2568.3	2432.7	2370.4	2366.9
60°	1414.3	1427.0	1575.8	1836.7	2193.8	2560.8	2739.7	2725.9	2623.1	2562.6	2560.2
62.5°	997.7	1002.3	1157.5	1444.9	1875.3	2420.0	2786.4	2879.3	2820.5	2759.3	2762.8
65°	586.3	592.6	706.3	964.8	1422.4	2096.3	2705.7	2986.1	2978.6	2922.6	2928.4
67.5°	309.9	309.9	367.0	527.4	894.4	1569.5	2384.3	2927.2	3025.3	2976.3	2979.2
70°	214.1	213.5	223.9	264.9	432.2	972.9	1783.6	2619.1	2930.1	2911.7	2919.2
72.5°	181.2	180.0	180.6	186.4	219.8	439.7	1083.1	2017.3	2612.2	2640.5	2646.8
75°	158.7	157.0	155.8	154.6	157.5	199.6	493.9	1244.6	1936.5	2114.2	2110.7
77.5°	136.8	135.6	134.4	130.4	125.8	131.0	202.0	559.7	995.9	1175.4	1162.7
80°	112.5	112.5	114.3	108.5	99.8	96.4	120.6	208.9	330.6	345.1	317.4
82.5°	88.3	88.3	96.9	88.9	78.5	69.8	83.7	111.4	134.4	109.1	88.9
85°	62.3	62.9	80.8	73.9	60.6	40.4	51.9	66.4	75.6	47.9	37.5
87.5°	25.4	27.1	50.2	39.8	38.1	20.2	24.2	29.4	37.5	20.2	16.2
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)