

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: P672912

Luminaire Tested: **CCP-SA-1F-850-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672912
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-850-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ RW distribution lens
Light Source: (16) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

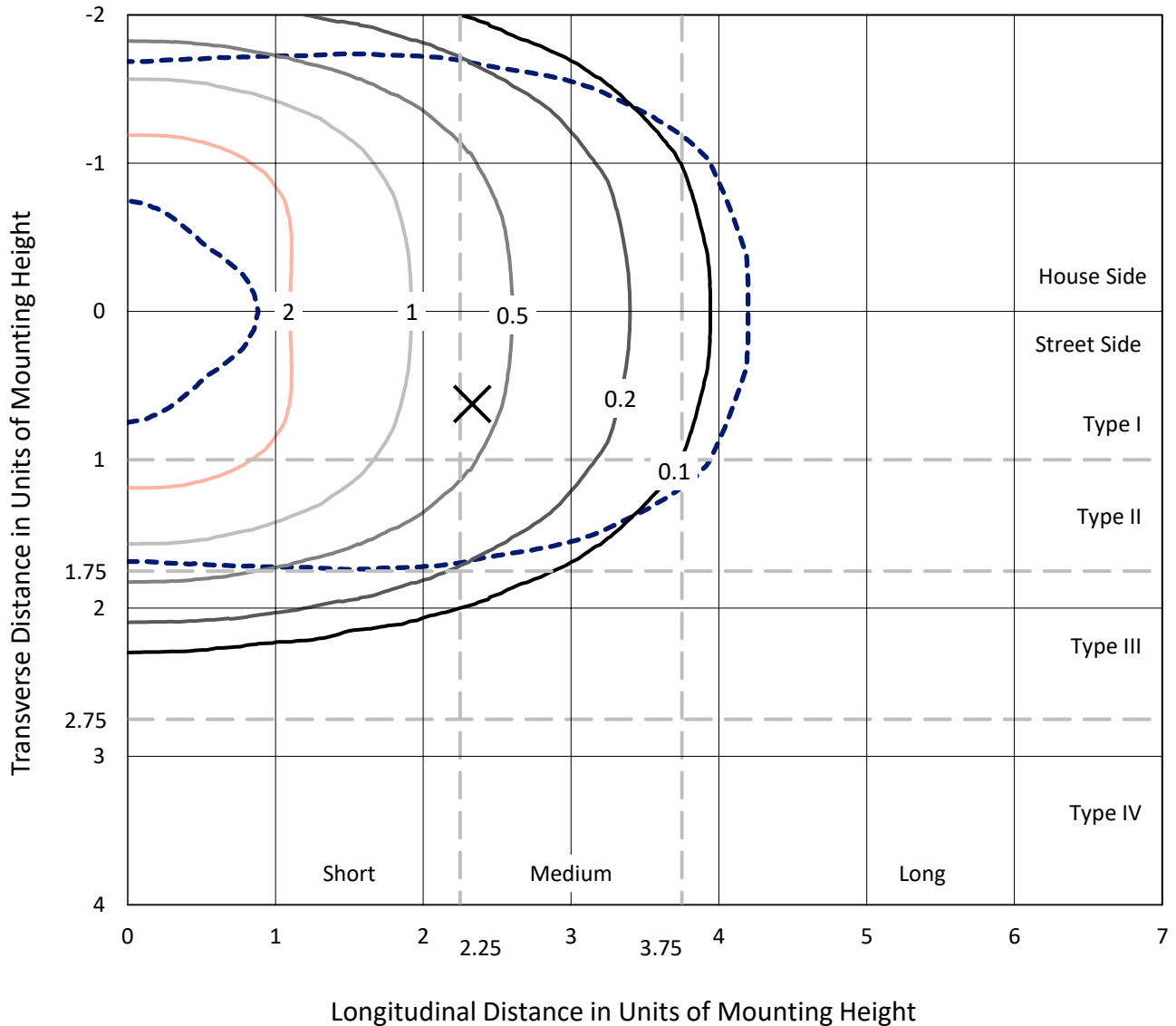
Lumens per Lamp: N/A
Luminaire Lumens: 6655.2 lumens
Efficiency: N/A
Efficacy: 99.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

Input Watts (W): 67
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

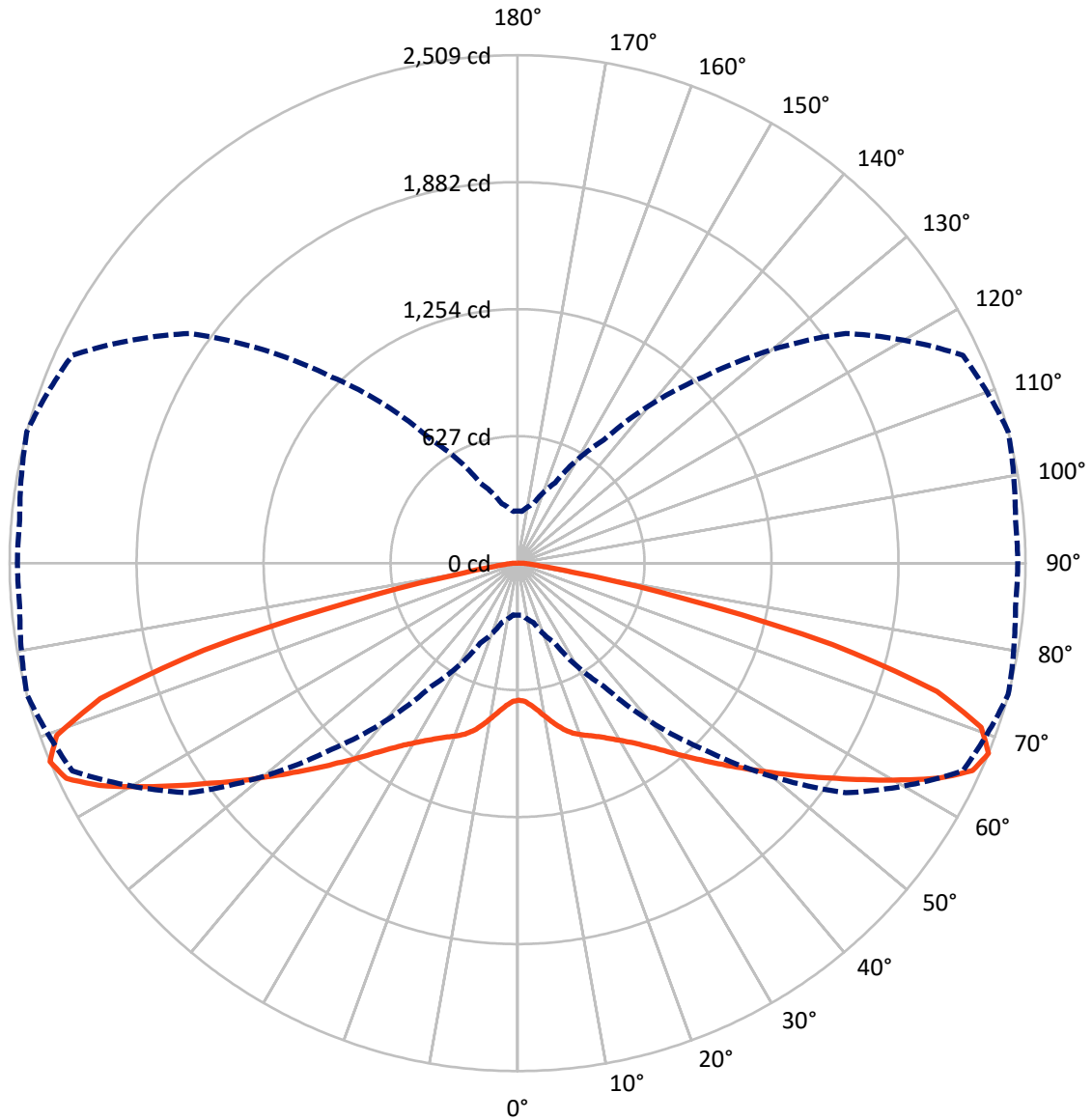
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.5 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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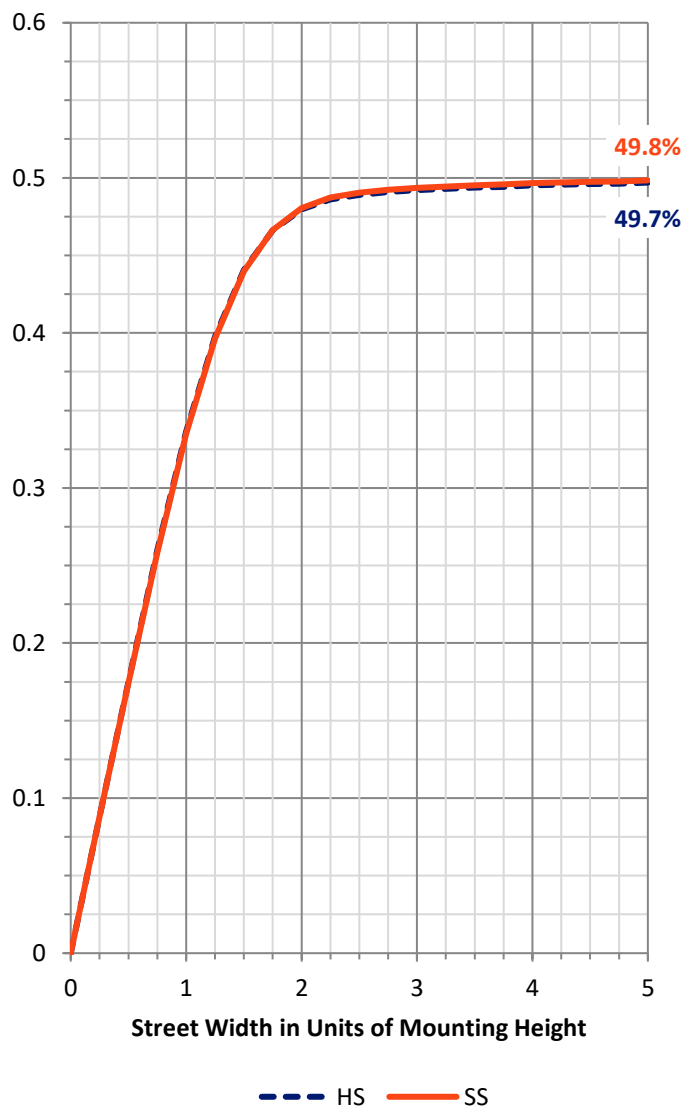
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3327.6	0.0	3327.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3327.6	0.0	3327.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	6655.2	0.0	6655.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.0	1.0
10°-20°	225.8	3.4
20°-30°	440.8	6.6
30°-40°	760.5	11.4
40°-50°	1231.9	18.5
50°-60°	1675.3	25.2
60°-70°	1545.6	23.2
70°-80°	646.7	9.7
80°-90°	61.7	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°	6655.2	100.0
0°-180°	6655.2	100.0



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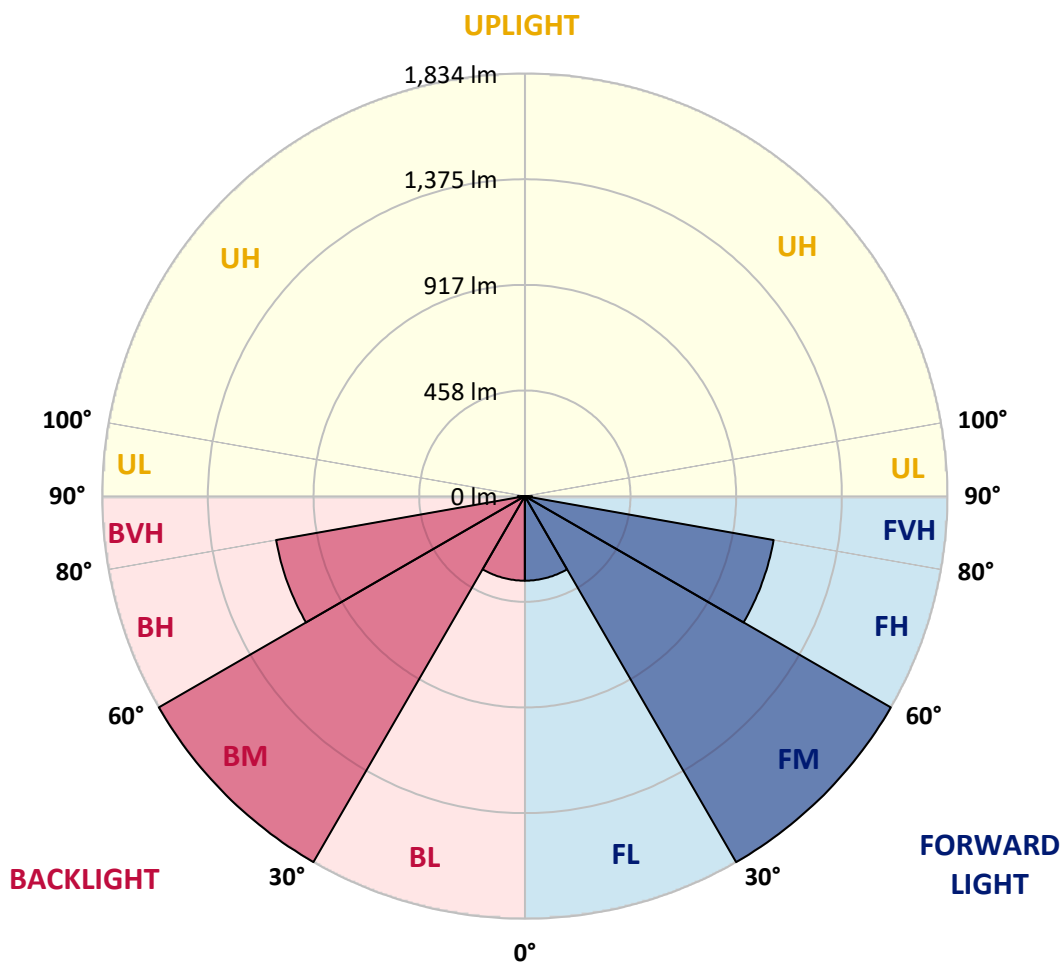
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	366.8	5.5			
FM (30°-60°)	1833.8	27.6			
FH (60°-80°)	1096.1	16.5			G1/1800
FVH (80°-90°)	30.9	0.5			G1/100
BL (0°-30°)	366.8	5.5	B1/500		
BM (30°-60°)	1833.8	27.6	B2/2500		
BH (60°-80°)	1096.1	16.5	B3/2500		G3/2500
BVH (80°-90°)	30.9	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°	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1	677.1
2.5°	672.8	672.8	674.7	677.1	678.0	679.9	680.4	680.4	683.3	682.8	683.3
5°	670.9	670.9	674.2	678.5	683.3	689.0	694.8	698.1	705.3	706.7	707.2
7.5°	672.8	673.2	678.0	685.2	693.3	703.9	714.9	724.0	735.9	740.2	743.1
10°	679.9	680.4	686.6	696.7	709.1	724.4	740.2	754.6	773.7	782.3	783.8
12.5°	690.9	691.4	700.5	716.8	734.5	753.6	771.3	789.5	813.4	826.4	829.2
15°	707.7	706.3	720.6	744.5	769.4	793.3	809.1	826.8	852.2	868.9	873.3
17.5°	730.7	731.6	749.3	779.9	810.6	835.0	850.8	860.8	882.8	900.1	904.4
20°	759.4	763.7	786.2	821.6	857.5	883.3	894.3	892.9	905.3	920.1	923.5
22.5°	800.0	802.9	830.2	869.9	911.1	937.9	942.2	926.4	925.9	935.5	939.8
25°	847.9	850.3	879.0	924.9	968.5	996.7	992.4	965.1	950.8	951.2	954.1
27.5°	903.9	908.7	938.3	985.2	1030.2	1056.0	1049.8	1010.1	981.9	973.3	971.3
30°	976.6	981.9	1012.0	1057.0	1096.7	1119.7	1110.1	1059.9	1017.8	1003.4	1000.5
32.5°	1071.4	1070.9	1102.0	1145.5	1173.3	1188.1	1169.4	1112.5	1059.4	1040.2	1036.4
35°	1169.0	1173.7	1204.4	1246.5	1267.5	1268.5	1238.8	1174.7	1111.5	1078.5	1071.4
37.5°	1279.0	1281.4	1316.8	1356.5	1370.4	1362.8	1318.7	1247.4	1174.7	1139.8	1127.3
40°	1391.9	1394.3	1435.5	1473.8	1489.1	1470.9	1413.0	1327.8	1249.4	1211.1	1203.9
42.5°	1496.7	1503.0	1548.9	1593.9	1608.7	1587.6	1517.8	1415.9	1328.3	1291.5	1281.9
45°	1583.8	1590.5	1642.2	1699.6	1725.9	1708.7	1629.8	1514.9	1419.2	1379.5	1363.2
47.5°	1649.4	1658.0	1713.0	1781.9	1833.1	1829.8	1748.9	1619.7	1516.8	1469.9	1455.1
50°	1694.4	1703.4	1762.8	1836.9	1914.0	1939.8	1870.0	1735.5	1625.4	1572.8	1562.8
52.5°	1697.7	1705.8	1773.8	1866.1	1969.0	2025.9	1989.1	1857.5	1745.1	1690.5	1683.3
55°	1623.1	1628.8	1719.2	1842.2	1991.5	2092.0	2097.7	1990.5	1872.8	1817.8	1814.5
57.5°	1451.8	1459.9	1568.0	1730.7	1954.2	2134.6	2192.0	2129.8	2017.3	1965.7	1962.8
60°	1172.8	1183.3	1306.8	1523.1	1819.2	2123.6	2271.9	2260.4	2175.2	2125.0	2123.1
62.5°	827.3	831.1	959.9	1198.2	1555.1	2006.8	2310.7	2387.7	2338.9	2288.2	2291.0
65°	486.2	491.4	585.7	800.0	1179.5	1738.4	2243.7	2476.2	2470.0	2423.6	2428.4
67.5°	257.0	257.0	304.3	437.3	741.7	1301.5	1977.1	2427.4	2508.8	2468.1	2470.5
70°	177.5	177.0	185.7	219.6	358.4	806.7	1479.0	2171.9	2429.8	2414.5	2420.7
72.5°	150.2	149.3	149.8	154.6	182.3	364.6	898.1	1672.8	2166.1	2189.6	2194.9
75°	131.6	130.2	129.2	128.2	130.6	165.6	409.6	1032.1	1605.8	1753.2	1750.3
77.5°	113.4	112.4	111.5	108.1	104.3	108.6	167.5	464.1	825.9	974.7	964.2
80°	93.3	93.3	94.7	90.0	82.8	79.9	100.0	173.2	274.2	286.1	263.2
82.5°	73.2	73.2	80.4	73.7	65.1	57.9	69.4	92.3	111.5	90.4	73.7
85°	51.7	52.2	67.0	61.2	50.2	33.5	43.1	55.0	62.7	39.7	31.1
87.5°	21.1	22.5	41.6	33.0	31.6	16.7	20.1	24.4	31.1	16.7	13.4
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)