

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: P672856

Luminaire Tested: **CCP-SA-1E-760-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672856
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-760-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ RW distribution lens
Light Source: (16) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

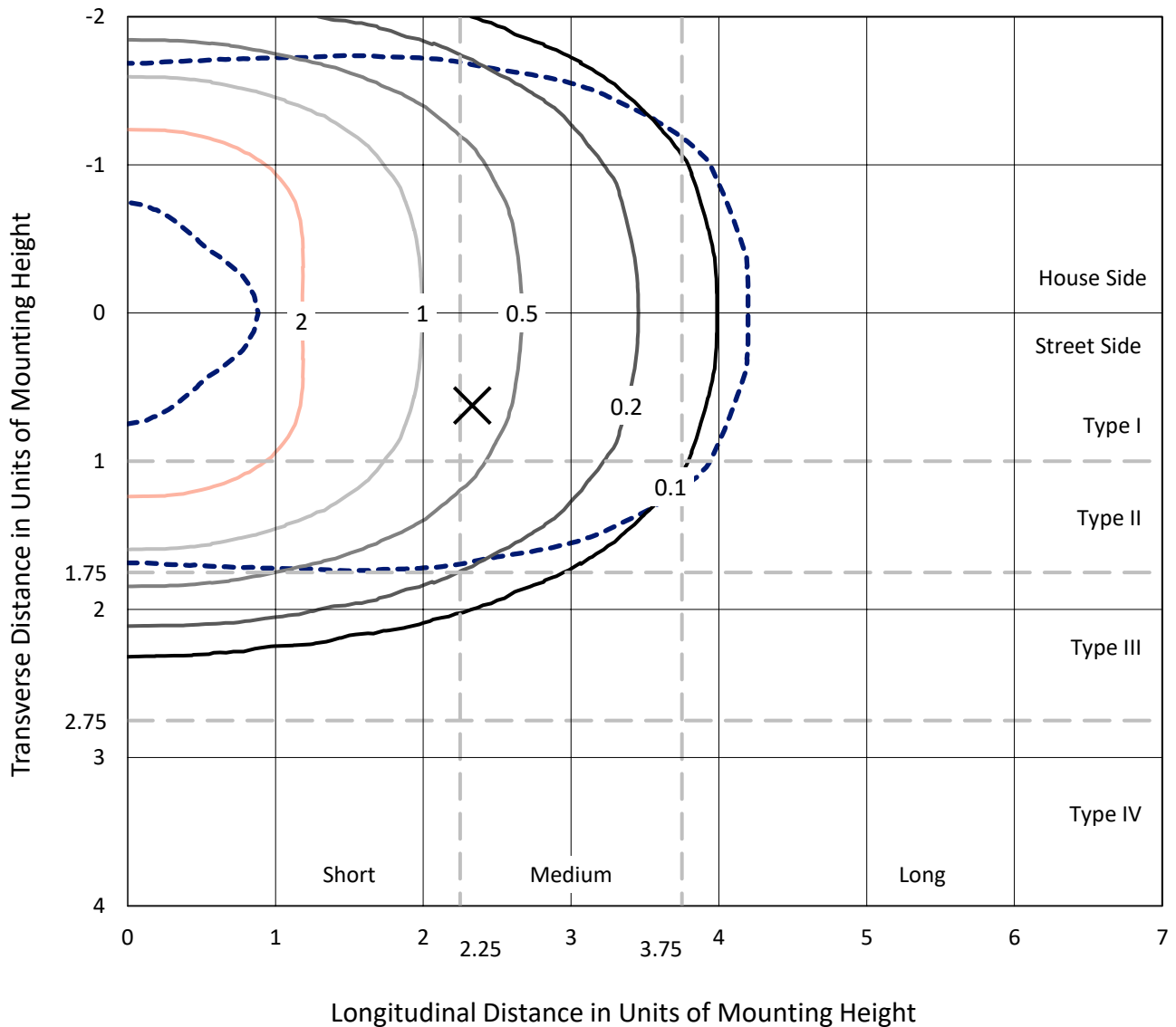
Lumens per Lamp: N/A
Luminaire Lumens: 7114.2 lumens
Efficiency: N/A
Efficacy: 126.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

Input Watts (W): 56.1
Input Voltage (V): 120
Input Current (A_{in}): 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

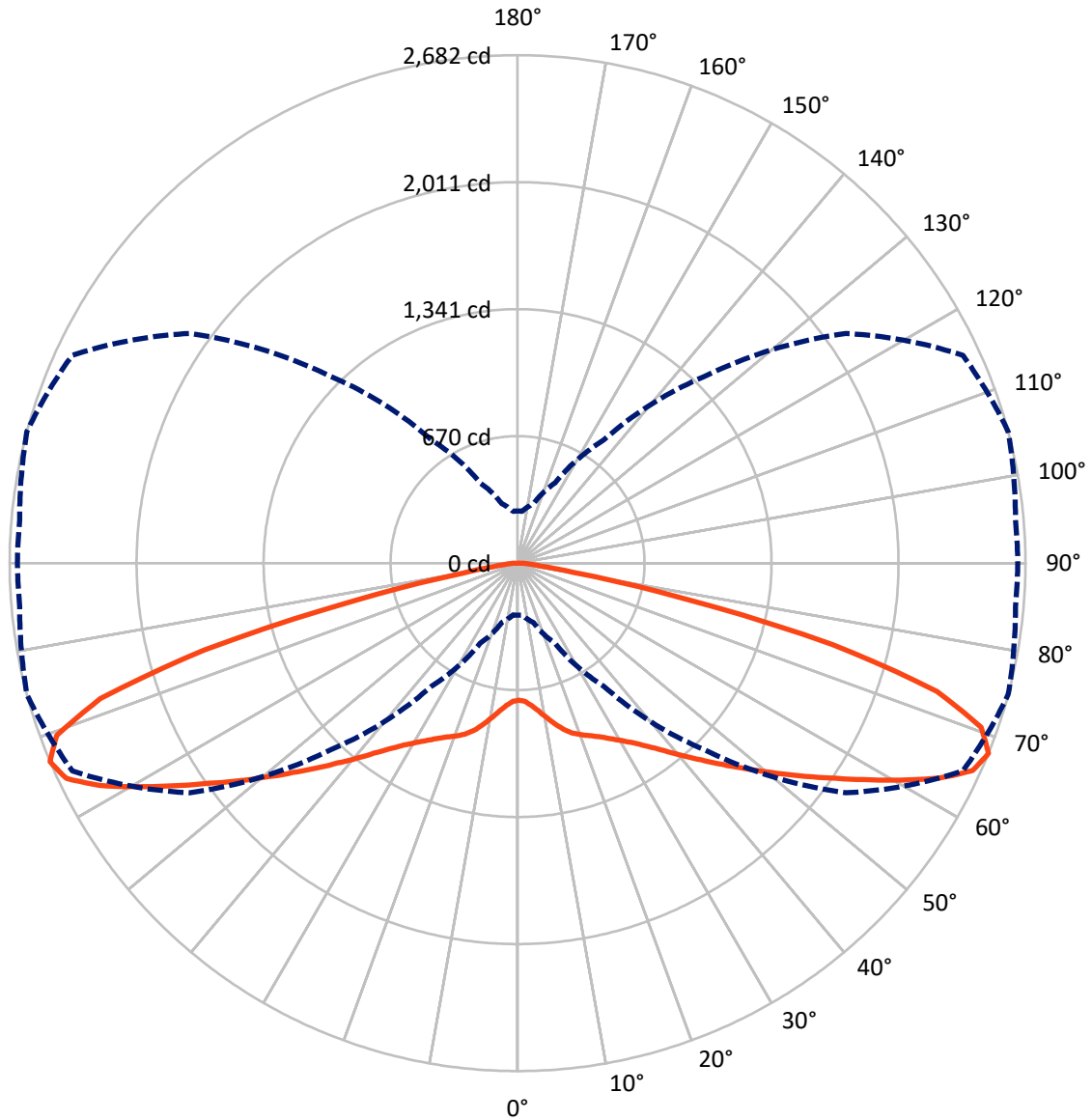
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.7 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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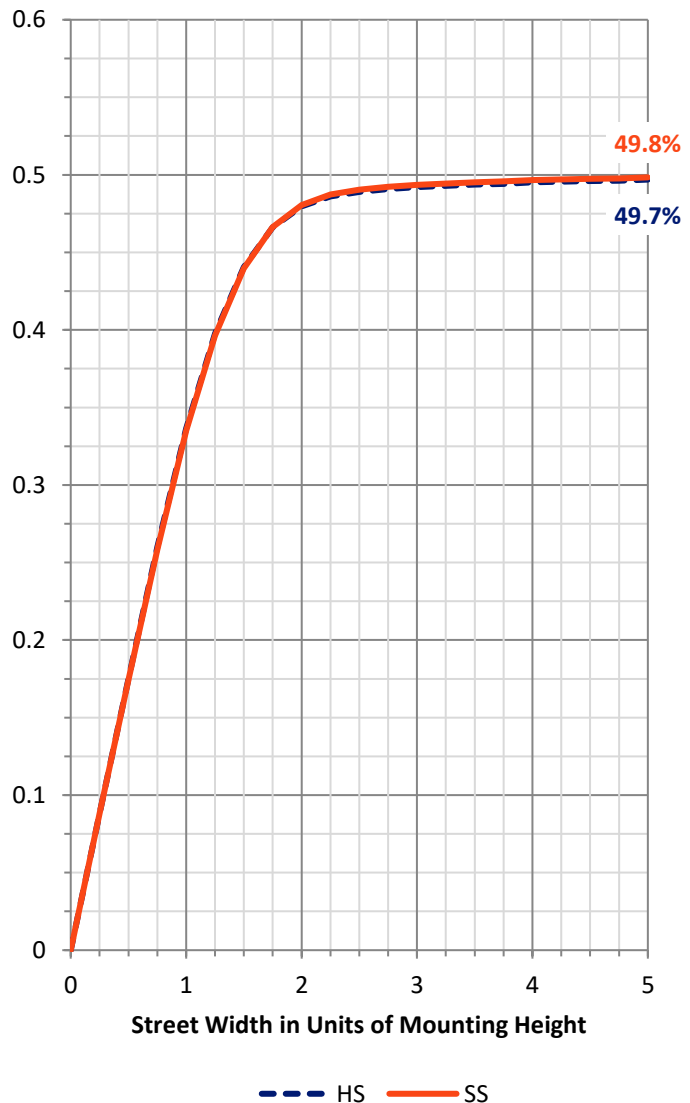
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3557.1	0.0	3557.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3557.1	0.0	3557.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	7114.2	0.0	7114.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.6	1.0
10°-20°	241.3	3.4
20°-30°	471.2	6.6
30°-40°	812.9	11.4
40°-50°	1316.8	18.5
50°-60°	1790.9	25.2
60°-70°	1652.1	23.2
70°-80°	691.3	9.7
80°-90°	66.0	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°	7114.2	100.0
0°-180°	7114.2	100.0



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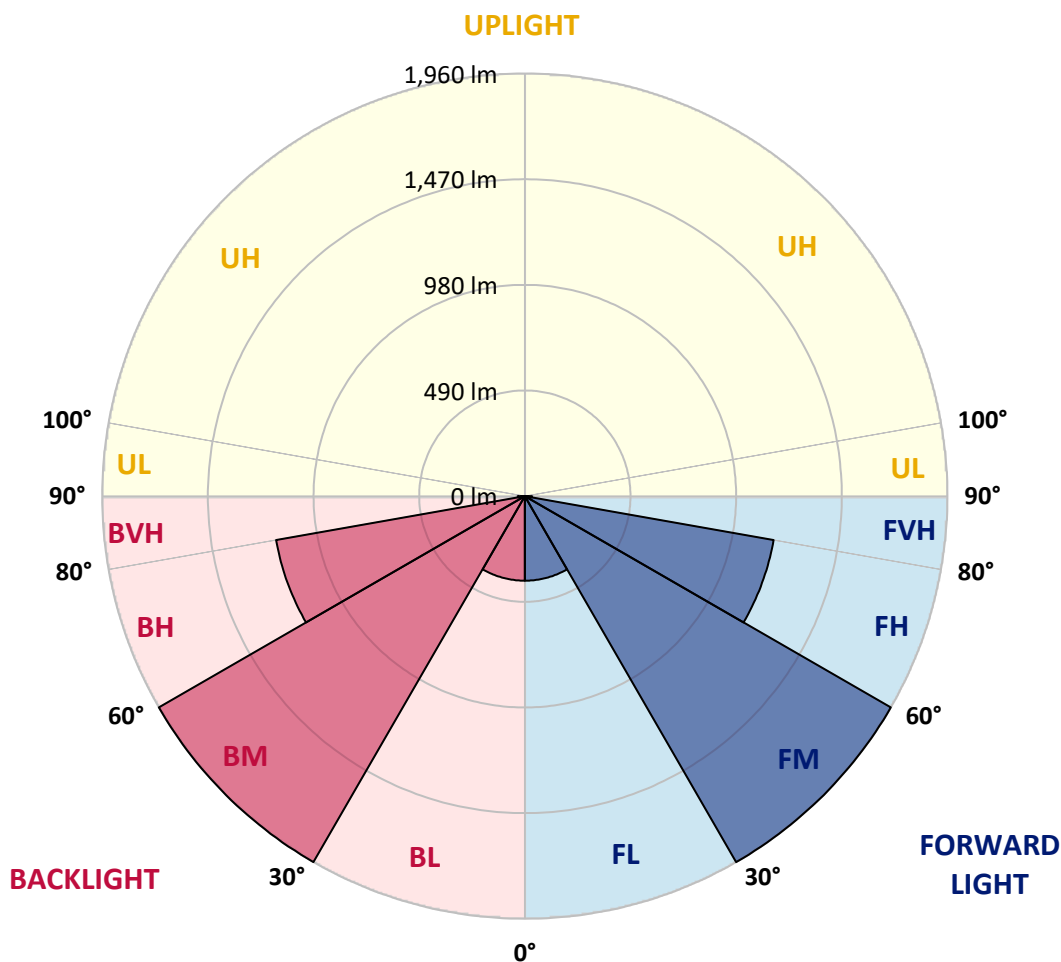
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	392.1	5.5			
FM (30°-60°)	1960.3	27.6			
FH (60°-80°)	1171.7	16.5			G1/1800
FVH (80°-90°)	33.0	0.5			G1/100
BL (0°-30°)	392.1	5.5	B1/500		
BM (30°-60°)	1960.3	27.6	B2/2500		
BH (60°-80°)	1171.7	16.5	B3/2500		G3/2500
BVH (80°-90°)	33.0	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°	723.8	723.8	723.8	723.8	723.8	723.8	723.8	723.8	723.8	723.8	723.8
2.5°	719.2	719.2	721.2	723.8	724.8	726.8	727.3	727.3	730.4	729.9	730.4
5°	717.1	717.1	720.7	725.3	730.4	736.5	742.7	746.3	753.9	755.5	756.0
7.5°	719.2	719.7	724.8	732.5	741.1	752.4	764.2	773.9	786.7	791.3	794.3
10°	726.8	727.3	734.0	744.7	758.0	774.4	791.3	806.6	827.1	836.3	837.8
12.5°	738.6	739.1	748.8	766.2	785.1	805.6	824.5	844.0	869.5	883.3	886.4
15°	756.5	755.0	770.3	795.9	822.5	848.0	864.9	883.9	911.0	928.9	933.5
17.5°	781.0	782.1	801.0	833.7	866.5	892.5	909.4	920.2	943.7	962.1	966.7
20°	811.7	816.3	840.4	878.2	916.6	944.2	956.0	954.4	967.7	983.6	987.2
22.5°	855.2	858.3	887.4	929.9	973.9	1002.5	1007.1	990.2	989.7	1000.0	1004.6
25°	906.4	908.9	939.6	988.7	1035.3	1065.4	1060.8	1031.7	1016.3	1016.8	1019.9
27.5°	966.2	971.3	1003.0	1053.2	1101.2	1128.9	1122.2	1079.8	1049.6	1040.4	1038.3
30°	1043.9	1049.6	1081.8	1129.9	1172.3	1196.9	1186.7	1132.9	1087.9	1072.6	1069.5
32.5°	1145.2	1144.7	1178.0	1224.5	1254.2	1270.0	1250.1	1189.2	1132.4	1112.0	1107.9
35°	1249.6	1254.7	1287.4	1332.4	1354.9	1356.0	1324.2	1255.7	1188.2	1152.9	1145.2
37.5°	1367.2	1369.8	1407.6	1450.1	1464.9	1456.7	1409.7	1333.5	1255.7	1218.4	1205.1
40°	1487.9	1490.5	1534.5	1575.4	1591.8	1572.3	1510.4	1419.4	1335.5	1294.6	1286.9
42.5°	1599.9	1606.6	1655.7	1703.8	1719.6	1697.1	1622.4	1513.5	1419.9	1380.5	1370.3
45°	1693.0	1700.2	1755.4	1816.8	1844.9	1826.5	1742.1	1619.4	1517.1	1474.6	1457.2
47.5°	1763.1	1772.3	1831.1	1904.8	1959.5	1955.9	1869.5	1731.4	1621.4	1571.3	1555.4
50°	1811.2	1820.9	1884.3	1963.6	2046.0	2073.6	1998.9	1855.2	1737.5	1681.3	1670.5
52.5°	1814.8	1823.5	1896.1	1994.8	2104.8	2165.6	2126.3	1985.6	1865.4	1807.1	1799.4
55°	1735.0	1741.1	1837.8	1969.2	2128.8	2236.2	2242.4	2127.8	2002.0	1943.1	1939.6
57.5°	1551.9	1560.6	1676.2	1850.1	2088.9	2281.8	2343.1	2276.6	2156.4	2101.2	2098.1
60°	1253.7	1264.9	1396.9	1628.1	1944.7	2270.0	2428.6	2416.3	2325.2	2271.5	2269.5
62.5°	884.4	888.5	1026.0	1280.8	1662.3	2145.2	2470.0	2552.3	2500.2	2445.9	2449.0
65°	519.7	525.3	626.1	855.2	1260.8	1858.2	2398.4	2647.0	2640.3	2590.7	2595.8
67.5°	274.7	274.7	325.3	467.5	792.8	1391.3	2113.5	2594.8	2681.7	2638.3	2640.8
70°	189.8	189.3	198.5	234.8	383.1	862.4	1581.0	2321.7	2597.3	2581.0	2587.6
72.5°	160.6	159.6	160.1	165.2	194.9	389.8	960.1	1788.2	2315.5	2340.6	2346.2
75°	140.7	139.1	138.1	137.1	139.6	177.0	437.8	1103.3	1716.6	1874.1	1871.0
77.5°	121.2	120.2	119.2	115.6	111.5	116.1	179.0	496.1	882.8	1041.9	1030.7
80°	99.7	99.7	101.3	96.2	88.5	85.4	106.9	185.2	293.1	305.9	281.3
82.5°	78.3	78.3	85.9	78.8	69.6	61.9	74.2	98.7	119.2	96.7	78.8
85°	55.2	55.8	71.6	65.5	53.7	35.8	46.0	58.8	67.0	42.5	33.2
87.5°	22.5	24.0	44.5	35.3	33.8	17.9	21.5	26.1	33.2	17.9	14.3
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)