

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: P672911

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672911
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-850-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ RW distribution lens
Light Source: (16) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

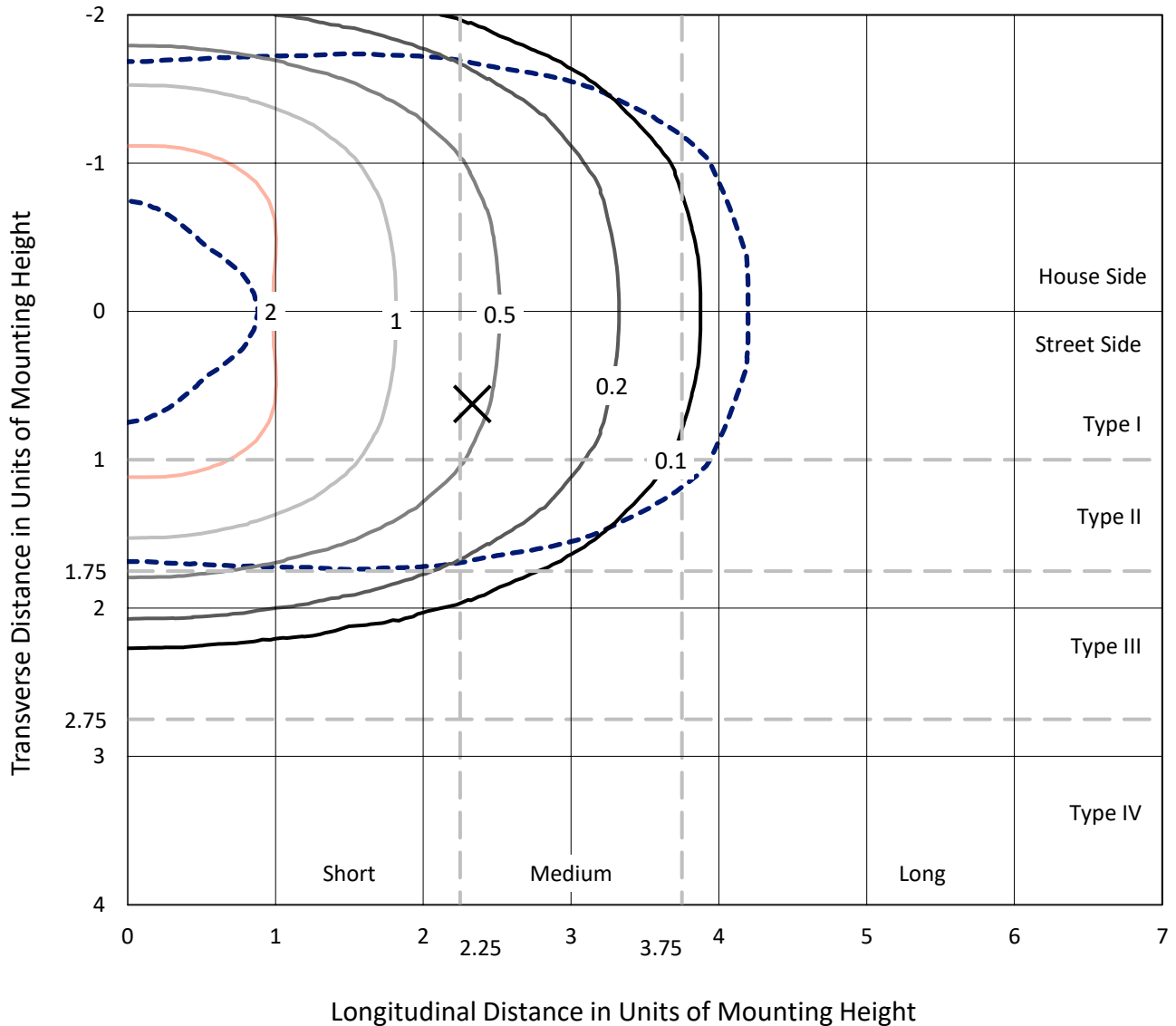
Lumens per Lamp: N/A
Luminaire Lumens: 6068.8 lumens
Efficiency: N/A
Efficacy: 108.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 56.1
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

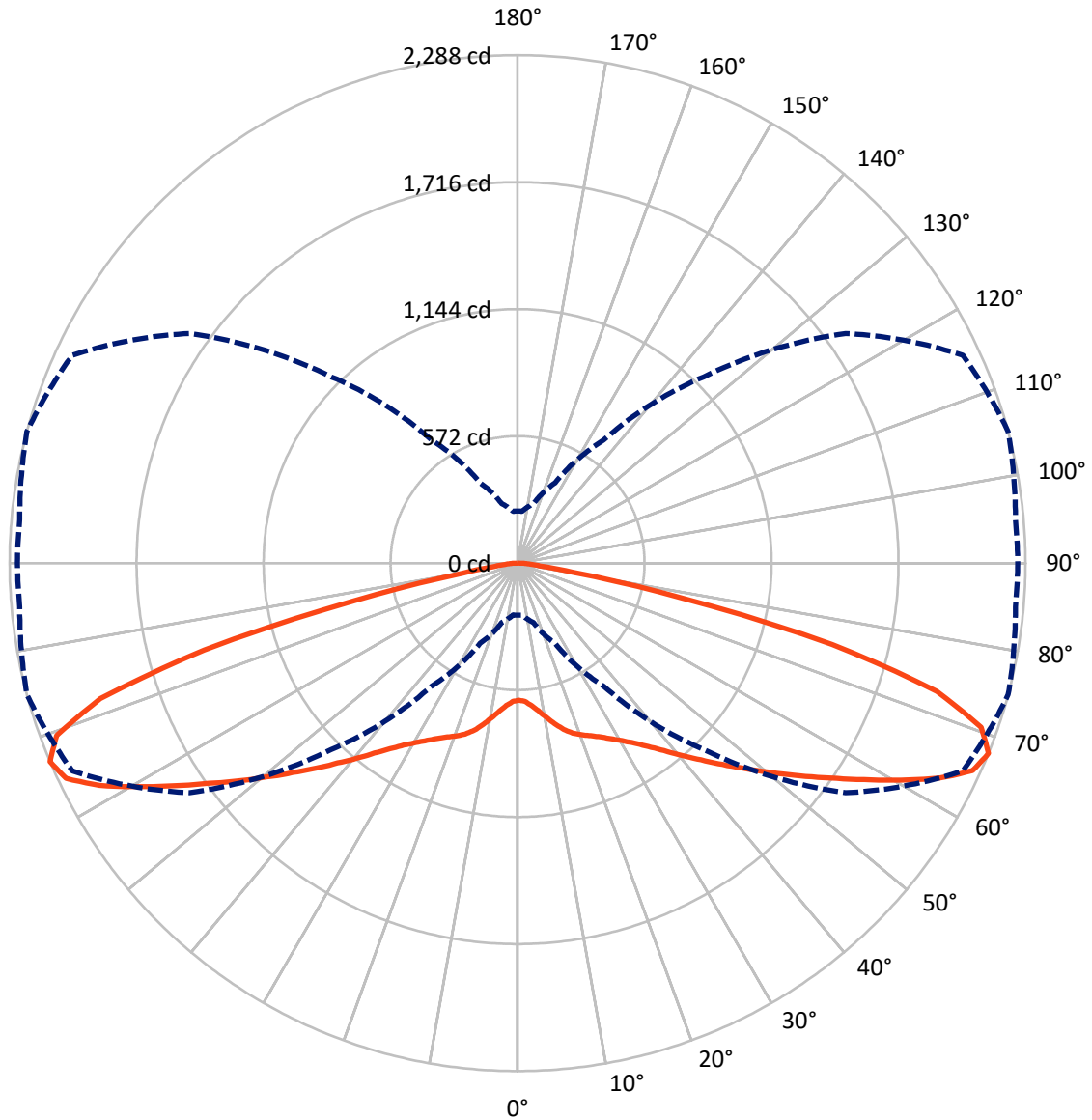
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.2 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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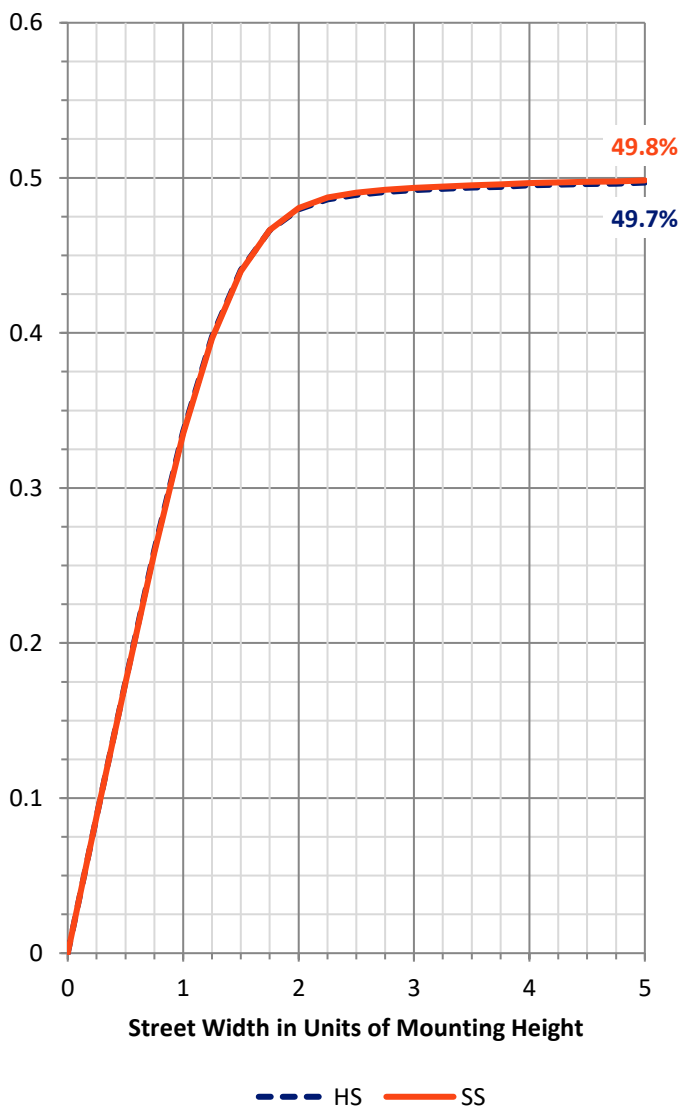
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3034.4	0.0	3034.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3034.4	0.0	3034.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	6068.8	0.0	6068.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.1	1.0
10°-20°	205.9	3.4
20°-30°	402.0	6.6
30°-40°	693.5	11.4
40°-50°	1123.3	18.5
50°-60°	1527.7	25.2
60°-70°	1409.4	23.2
70°-80°	589.7	9.7
80°-90°	56.3	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°	6068.8	100.0
0°-180°	6068.8	100.0



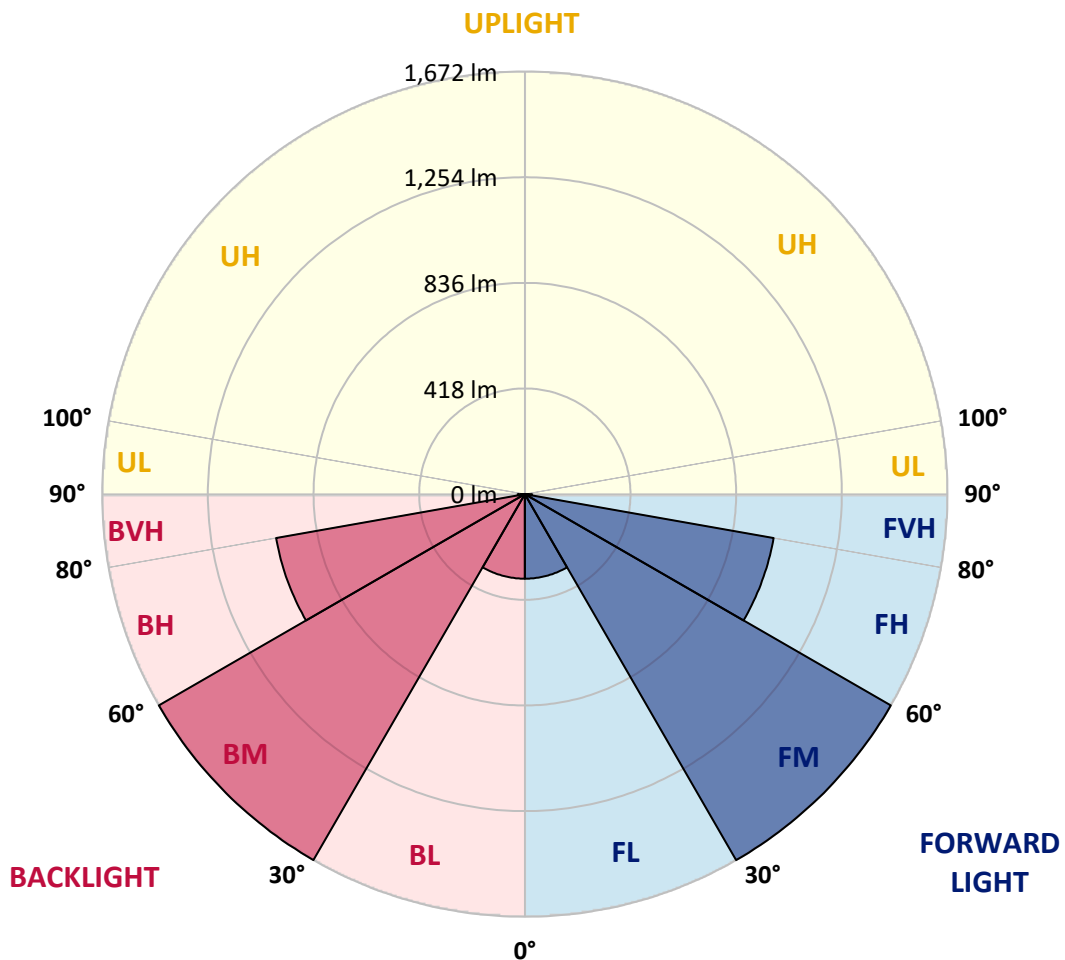
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	334.5	5.5			
FM (30°-60°)	1672.2	27.6			
FH (60°-80°)	999.5	16.5			G1/1800
FVH (80°-90°)	28.2	0.5			G1/100
BL (0°-30°)	334.5	5.5	B1/500		
BM (30°-60°)	1672.2	27.6	B2/2500		
BH (60°-80°)	999.5	16.5	B2/1000		G2/1000
BVH (80°-90°)	28.2	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	617.4	617.4	617.4	617.4	617.4	617.4	617.4	617.4	617.4	617.4	617.4
2.5°	613.5	613.5	615.2	617.4	618.3	620.0	620.5	620.5	623.1	622.6	623.1
5°	611.7	611.7	614.8	618.7	623.1	628.3	633.6	636.6	643.2	644.5	644.9
7.5°	613.5	613.9	618.3	624.8	632.2	641.8	651.9	660.2	671.1	675.0	677.6
10°	620.0	620.5	626.1	635.3	646.6	660.6	675.0	688.1	705.6	713.4	714.7
12.5°	630.1	630.5	638.8	653.6	669.8	687.2	703.4	720.0	741.8	753.5	756.2
15°	645.3	644.0	657.1	678.9	701.6	723.4	737.8	754.0	777.1	792.4	796.3
17.5°	666.3	667.2	683.3	711.2	739.1	761.4	775.8	785.0	805.0	820.7	824.7
20°	692.5	696.4	716.9	749.2	781.9	805.5	815.5	814.2	825.5	839.1	842.1
22.5°	729.5	732.2	757.0	793.3	830.8	855.2	859.1	844.7	844.3	853.0	857.0
25°	773.2	775.4	801.5	843.4	883.1	908.9	905.0	880.1	867.0	867.4	870.0
27.5°	824.2	828.6	855.7	898.4	939.4	963.0	957.3	921.1	895.4	887.5	885.8
30°	890.6	895.4	922.8	963.9	1000.1	1021.0	1012.3	966.5	928.1	915.0	912.4
32.5°	977.0	976.5	1004.9	1044.6	1069.9	1083.4	1066.4	1014.5	966.0	948.6	945.1
35°	1066.0	1070.3	1098.3	1136.6	1155.8	1156.7	1129.7	1071.2	1013.6	983.5	977.0
37.5°	1166.3	1168.5	1200.8	1237.0	1249.7	1242.7	1202.5	1137.5	1071.2	1039.3	1028.0
40°	1269.3	1271.5	1309.0	1343.9	1357.9	1341.3	1288.5	1210.8	1139.3	1104.4	1097.8
42.5°	1364.9	1370.5	1412.4	1453.4	1467.0	1447.8	1384.1	1291.1	1211.3	1177.7	1168.9
45°	1444.3	1450.4	1497.5	1549.9	1573.9	1558.1	1486.2	1381.4	1294.2	1257.9	1243.1
47.5°	1504.0	1511.9	1562.1	1624.9	1671.6	1668.5	1594.8	1477.0	1383.2	1340.4	1326.9
50°	1545.1	1553.3	1607.5	1675.1	1745.3	1768.9	1705.2	1582.6	1482.2	1434.2	1425.1
52.5°	1548.1	1555.5	1617.5	1701.7	1795.5	1847.4	1813.8	1693.8	1591.3	1541.6	1535.0
55°	1480.0	1485.3	1567.7	1679.9	1816.0	1907.7	1912.9	1815.1	1707.8	1657.6	1654.6
57.5°	1323.8	1331.3	1429.9	1578.2	1782.0	1946.5	1998.8	1942.1	1839.6	1792.5	1789.8
60°	1069.5	1079.1	1191.6	1388.8	1658.9	1936.4	2071.7	2061.2	1983.6	1937.8	1936.0
62.5°	754.4	757.9	875.3	1092.6	1418.1	1830.0	2107.1	2177.3	2132.8	2086.5	2089.2
65°	443.3	448.1	534.1	729.5	1075.6	1585.2	2046.0	2258.0	2252.4	2210.0	2214.4
67.5°	234.3	234.3	277.5	398.8	676.3	1186.8	1802.9	2213.5	2287.7	2250.6	2252.8
70°	161.9	161.4	169.3	200.3	326.8	735.7	1348.7	1980.5	2215.7	2201.7	2207.4
72.5°	137.0	136.1	136.6	140.9	166.2	332.5	819.0	1525.4	1975.3	1996.7	2001.5
75°	120.0	118.7	117.8	116.9	119.1	151.0	373.5	941.2	1464.3	1598.7	1596.1
77.5°	103.4	102.5	101.7	98.6	95.1	99.0	152.7	423.2	753.1	888.8	879.2
80°	85.1	85.1	86.4	82.0	75.5	72.9	91.2	158.0	250.0	260.9	240.0
82.5°	66.8	66.8	73.3	67.2	59.3	52.8	63.3	84.2	101.7	82.5	67.2
85°	47.1	47.6	61.1	55.9	45.8	30.5	39.3	50.2	57.2	36.2	28.4
87.5°	19.2	20.5	38.0	30.1	28.8	15.3	18.3	22.3	28.4	15.3	12.2
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)