

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: P672833

Luminaire Tested: **CCP-SA-1D-740-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672833
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1D-740-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ RW distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

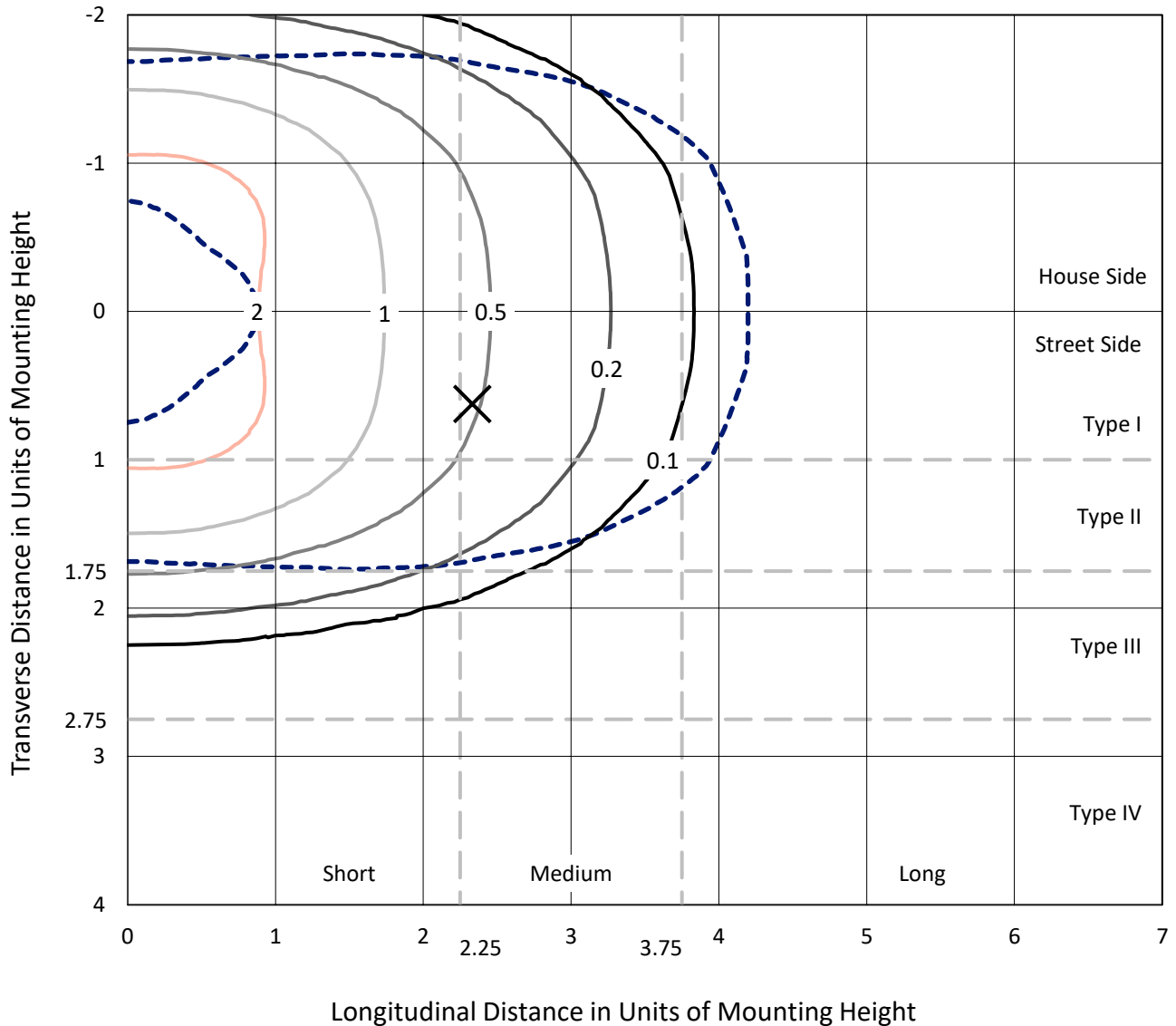
Lumens per Lamp: N/A
Luminaire Lumens: 5673 lumens
Efficiency: N/A
Efficacy: 128.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 44
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

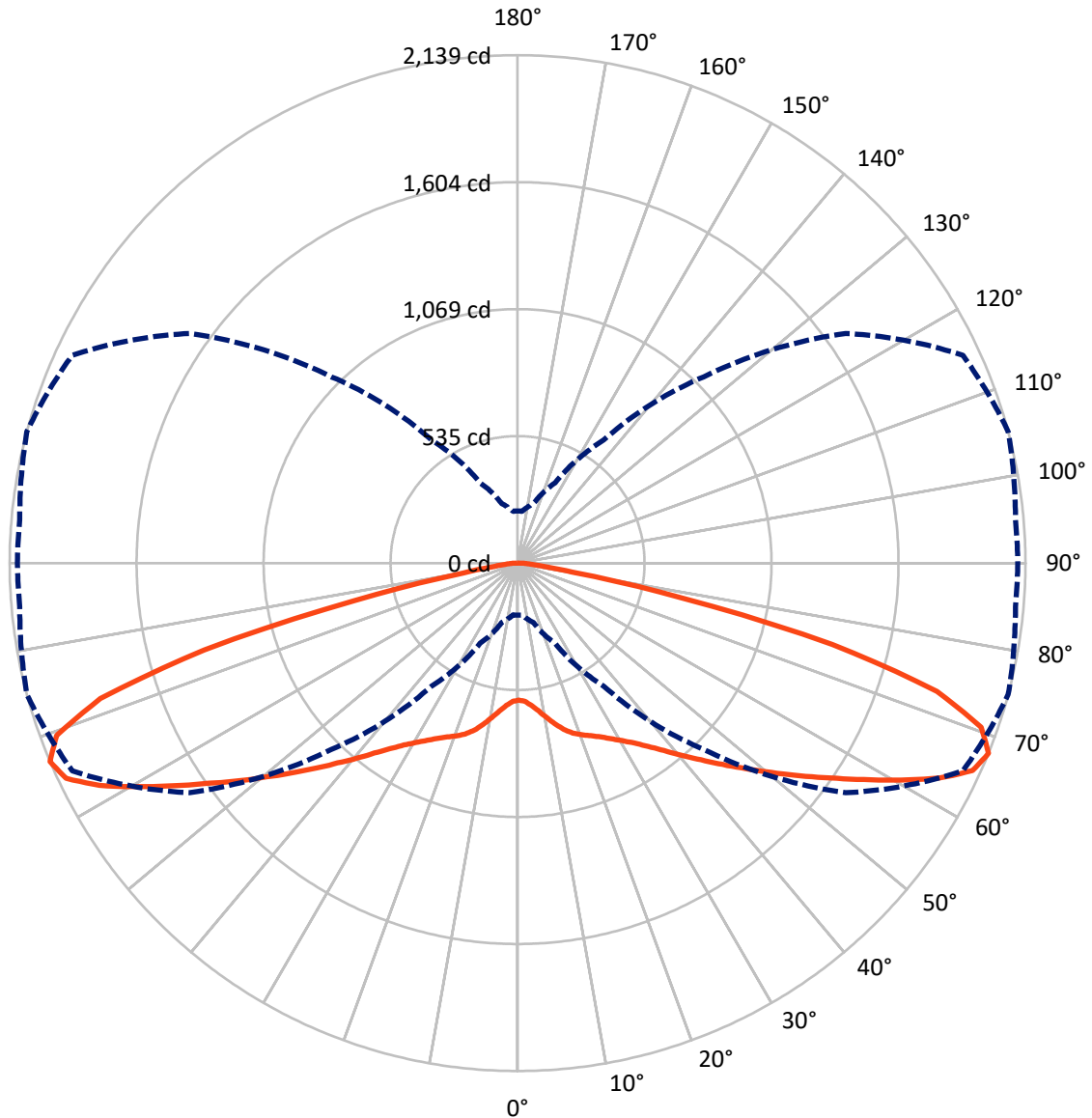
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3 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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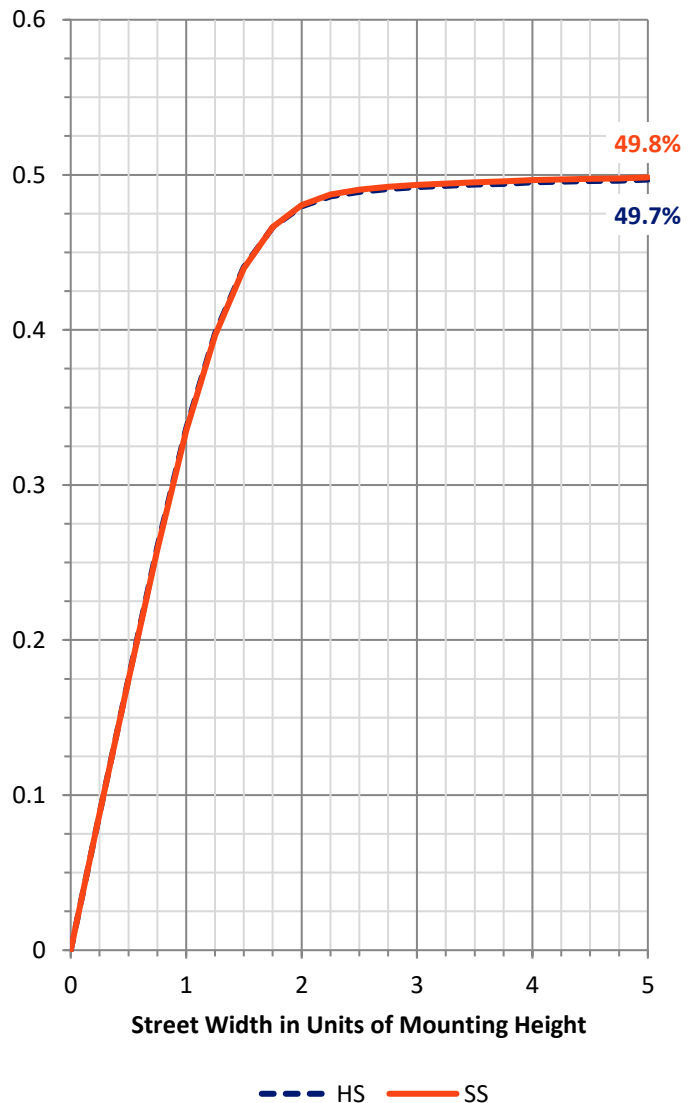
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2836.5	0.0	2836.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2836.5	0.0	2836.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	5673.0	0.0	5673.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.1	1.0
10°-20°	192.4	3.4
20°-30°	375.8	6.6
30°-40°	648.2	11.4
40°-50°	1050.1	18.5
50°-60°	1428.1	25.2
60°-70°	1317.5	23.2
70°-80°	551.3	9.7
80°-90°	52.6	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°	5673.0	100.0
0°-180°	5673.0	100.0



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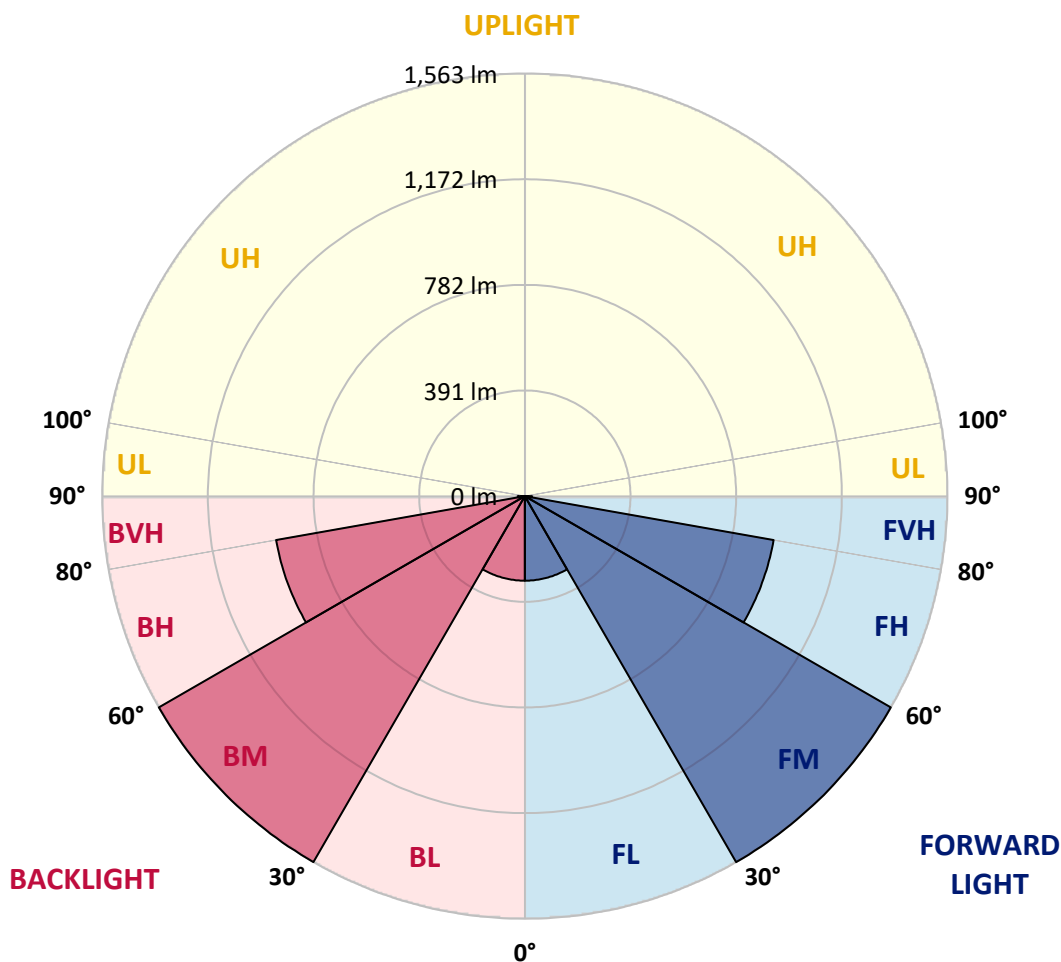
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	312.7	5.5			
FM (30°-60°)	1563.2	27.6			
FH (60°-80°)	934.4	16.5			G1/1800
FVH (80°-90°)	26.3	0.5			G1/100
BL (0°-30°)	312.7	5.5	B1/500		
BM (30°-60°)	1563.2	27.6	B2/2500		
BH (60°-80°)	934.4	16.5	B2/1000		G2/1000
BVH (80°-90°)	26.3	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°	577.1	577.1	577.1	577.1	577.1	577.1	577.1	577.1	577.1	577.1	577.1
2.5°	573.5	573.5	575.1	577.1	578.0	579.6	580.0	580.0	582.4	582.0	582.4
5°	571.8	571.8	574.7	578.4	582.4	587.3	592.2	595.1	601.2	602.4	602.8
7.5°	573.5	573.9	578.0	584.1	591.0	600.0	609.4	617.1	627.3	631.0	633.4
10°	579.6	580.0	585.3	593.9	604.5	617.5	631.0	643.2	659.5	666.9	668.1
12.5°	589.0	589.4	597.1	611.0	626.1	642.4	657.5	673.0	693.4	704.4	706.8
15°	603.2	602.0	614.3	634.7	655.9	676.3	689.7	704.8	726.4	740.7	744.4
17.5°	622.8	623.6	638.7	664.8	690.9	711.7	725.2	733.8	752.5	767.2	770.9
20°	647.3	651.0	670.1	700.3	730.9	752.9	762.3	761.1	771.7	784.3	787.2
22.5°	682.0	684.4	707.7	741.5	776.6	799.4	803.1	789.6	789.2	797.4	801.1
25°	722.8	724.8	749.3	788.4	825.5	849.6	845.9	822.7	810.4	810.9	813.3
27.5°	770.5	774.6	799.8	839.8	878.2	900.2	894.9	861.0	837.0	829.6	828.0
30°	832.5	837.0	862.7	901.0	934.9	954.4	946.3	903.4	867.6	855.3	852.9
32.5°	913.2	912.8	939.3	976.5	1000.1	1012.8	996.8	948.3	903.0	886.7	883.5
35°	996.4	1000.5	1026.6	1062.5	1080.5	1081.3	1056.0	1001.3	947.5	919.4	913.2
37.5°	1090.3	1092.3	1122.5	1156.3	1168.2	1161.6	1124.1	1063.3	1001.3	971.6	961.0
40°	1186.5	1188.6	1223.6	1256.3	1269.3	1253.8	1204.5	1131.9	1065.0	1032.3	1026.2
42.5°	1275.8	1281.1	1320.3	1358.6	1371.3	1353.3	1293.8	1206.9	1132.3	1100.9	1092.7
45°	1350.1	1355.8	1399.8	1448.8	1471.2	1456.5	1389.2	1291.3	1209.8	1175.9	1162.0
47.5°	1405.9	1413.3	1460.2	1518.9	1562.6	1559.7	1490.8	1380.7	1293.0	1253.0	1240.4
50°	1444.3	1452.0	1502.6	1565.8	1631.5	1653.5	1594.0	1479.4	1385.6	1340.7	1332.1
52.5°	1447.1	1454.1	1512.0	1590.7	1678.4	1726.9	1695.5	1583.4	1487.5	1441.0	1434.9
55°	1383.5	1388.4	1465.5	1570.3	1697.6	1783.2	1788.1	1696.8	1596.4	1549.5	1546.7
57.5°	1237.5	1244.4	1336.6	1475.3	1665.8	1819.5	1868.5	1815.5	1719.6	1675.6	1673.1
60°	999.7	1008.7	1113.9	1298.3	1550.7	1810.2	1936.6	1926.8	1854.2	1811.4	1809.7
62.5°	705.2	708.5	818.2	1021.3	1325.6	1710.6	1969.6	2035.3	1993.7	1950.5	1952.9
65°	414.4	418.9	499.2	682.0	1005.4	1481.8	1912.5	2110.8	2105.5	2065.9	2070.0
67.5°	219.0	219.0	259.4	372.8	632.2	1109.4	1685.3	2069.2	2138.5	2103.8	2105.9
70°	151.3	150.9	158.3	187.2	305.5	687.7	1260.7	1851.3	2071.2	2058.1	2063.4
72.5°	128.1	127.3	127.7	131.7	155.4	310.8	765.6	1425.9	1846.5	1866.4	1870.9
75°	112.2	110.9	110.1	109.3	111.4	141.1	349.1	879.8	1368.8	1494.5	1492.0
77.5°	96.7	95.9	95.0	92.2	88.9	92.6	142.8	395.6	704.0	830.8	821.9
80°	79.5	79.5	80.8	76.7	70.6	68.1	85.2	147.7	233.7	243.9	224.3
82.5°	62.4	62.4	68.5	62.8	55.5	49.4	59.1	78.7	95.0	77.1	62.8
85°	44.1	44.5	57.1	52.2	42.8	28.6	36.7	46.9	53.4	33.9	26.5
87.5°	17.9	19.2	35.5	28.1	26.9	14.3	17.1	20.8	26.5	14.3	11.4
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)