

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: P672835

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672835
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-740-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ RW distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

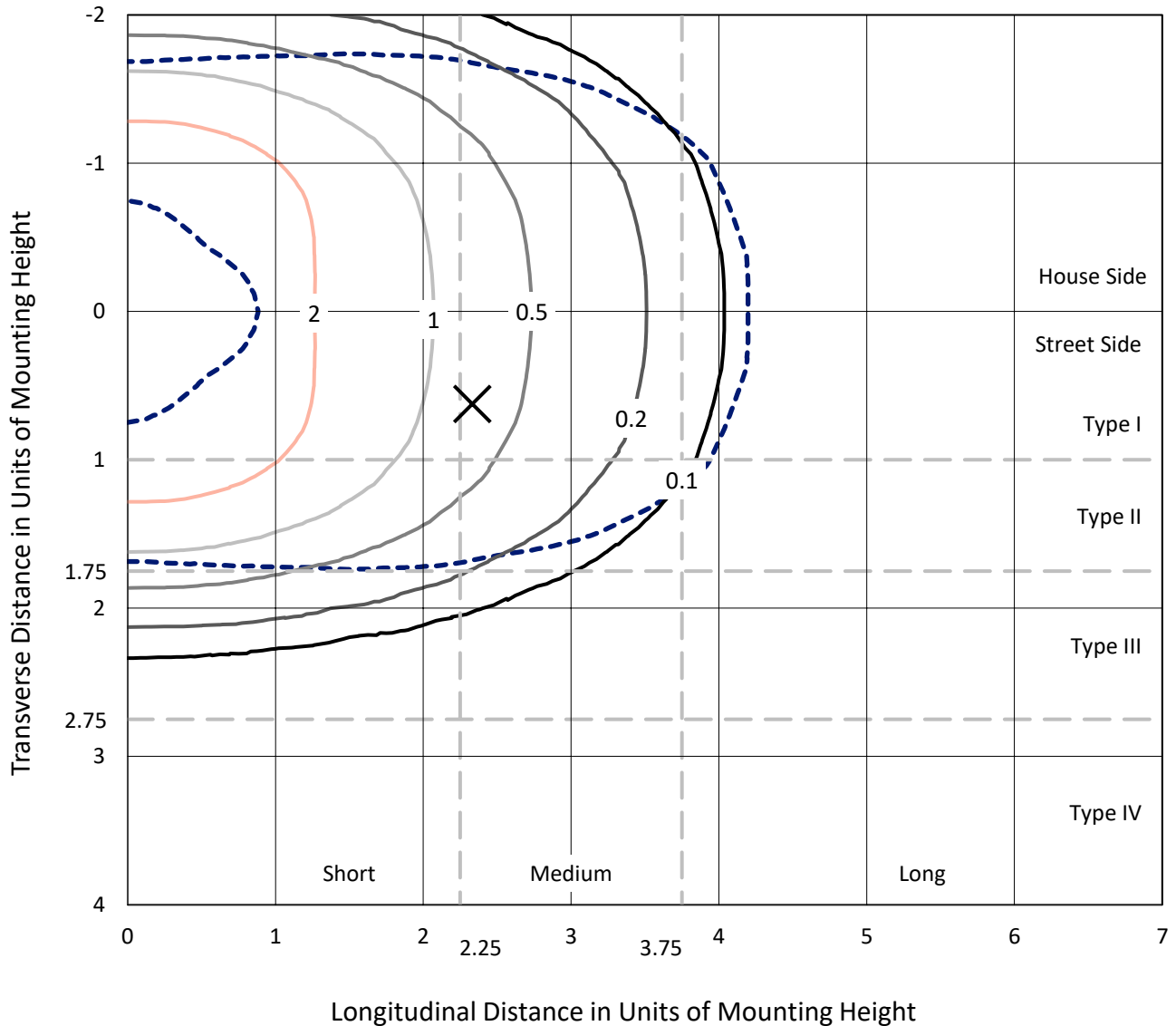
Lumens per Lamp: N/A
Luminaire Lumens: 7626.9 lumens
Efficiency: N/A
Efficacy: 113.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

Input Watts (W): 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

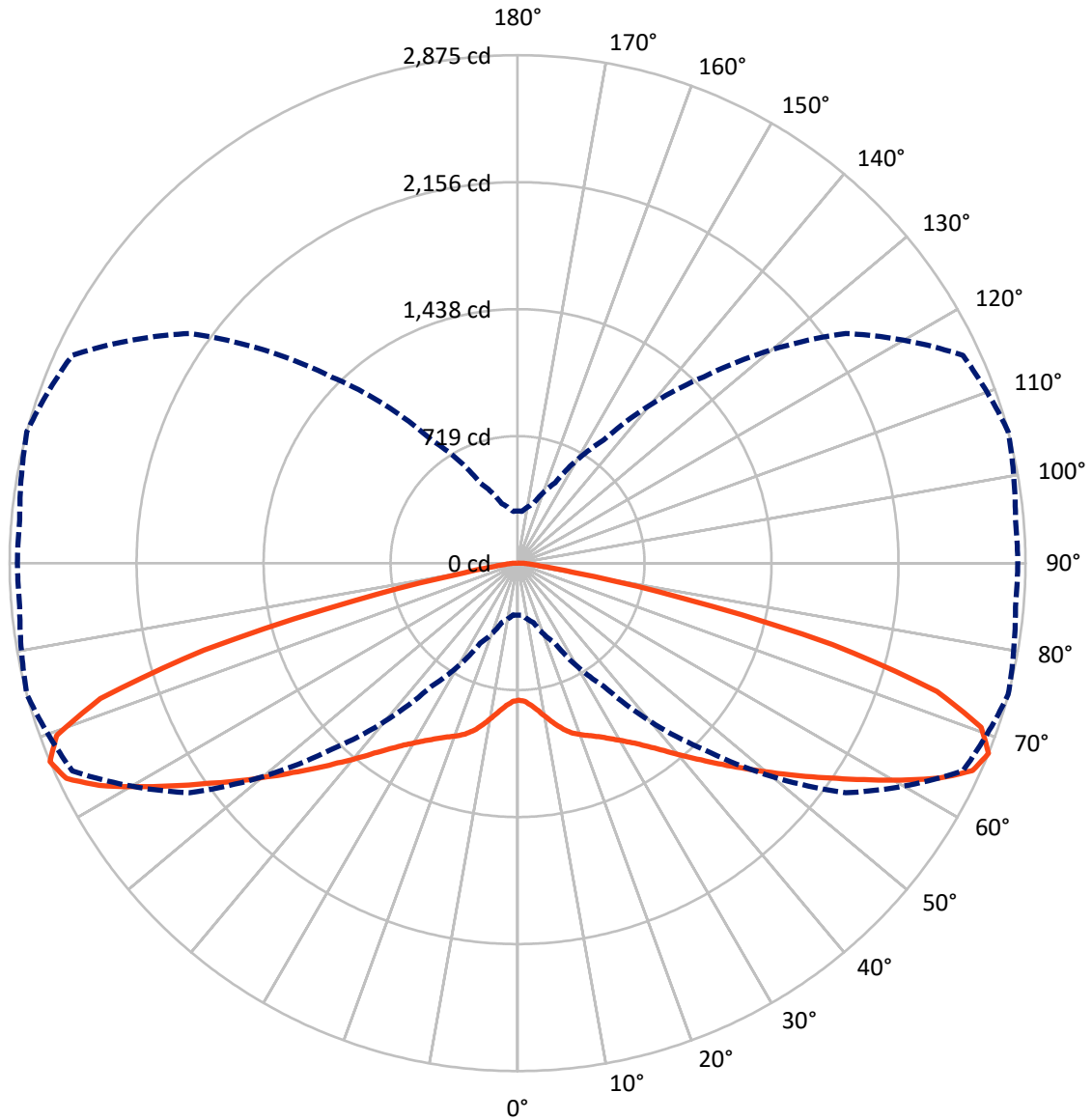
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4 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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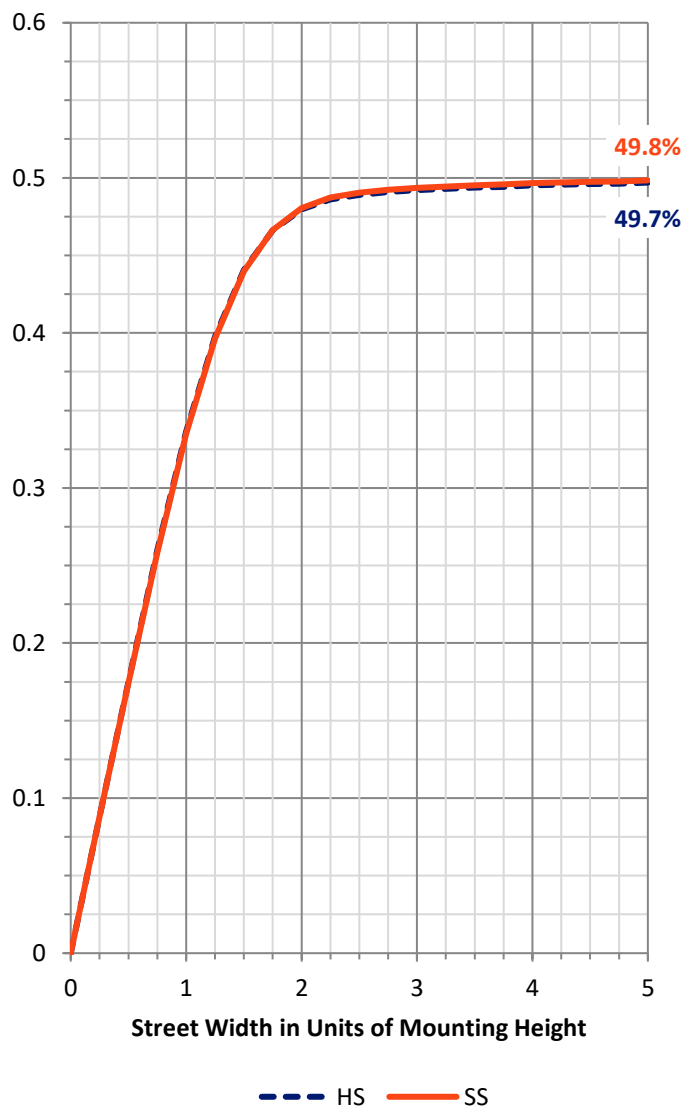
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3813.5	0.0	3813.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3813.5	0.0	3813.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	7626.9	0.0	7626.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.8	1.0
10°-20°	258.7	3.4
20°-30°	505.2	6.6
30°-40°	871.5	11.4
40°-50°	1411.7	18.5
50°-60°	1919.9	25.2
60°-70°	1771.2	23.2
70°-80°	741.1	9.7
80°-90°	70.8	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°	7626.9	100.0
0°-180°	7626.9	100.0



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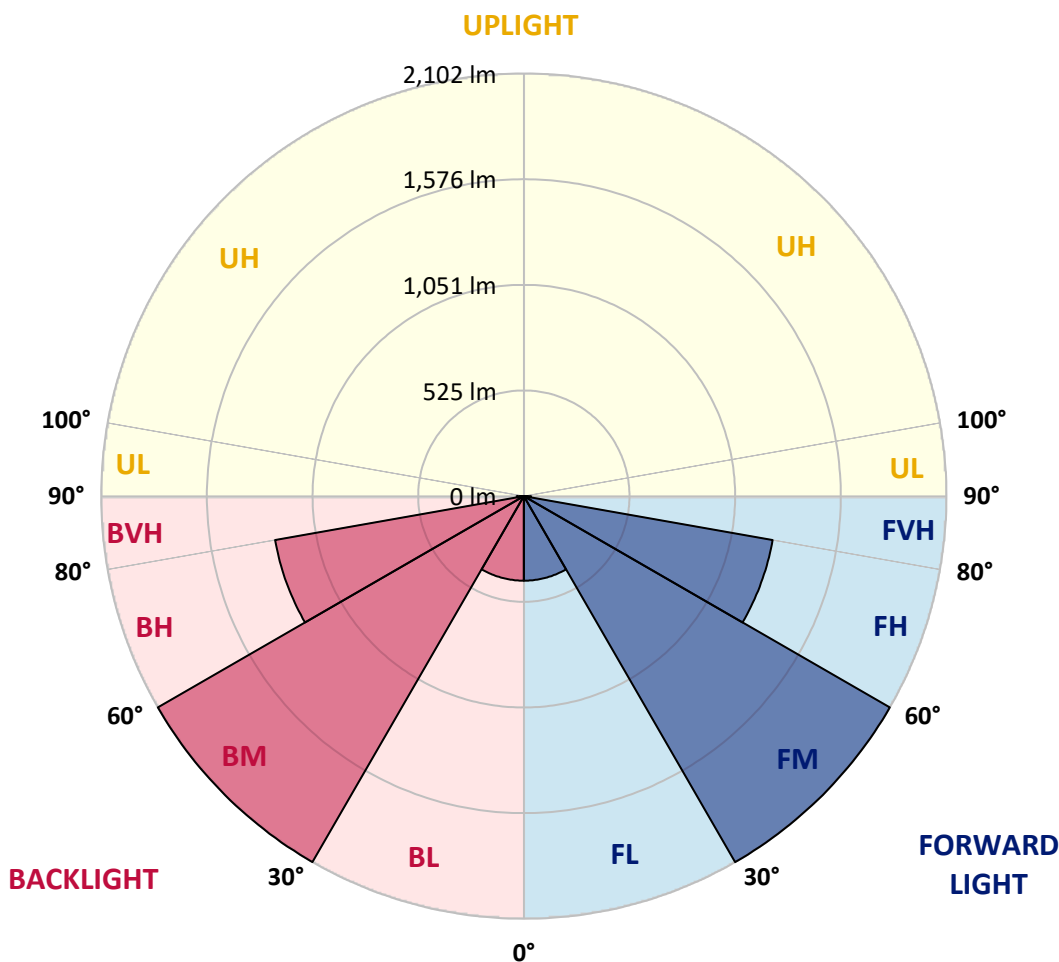
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	420.3	5.5			
FM (30°-60°)	2101.6	27.6			
FH (60°-80°)	1256.2	16.5			G1/1800
FVH (80°-90°)	35.4	0.5			G1/100
BL (0°-30°)	420.3	5.5	B1/500		
BM (30°-60°)	2101.6	27.6	B2/2500		
BH (60°-80°)	1256.2	16.5	B3/2500		G3/2500
BVH (80°-90°)	35.4	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°	775.9	775.9	775.9	775.9	775.9	775.9	775.9	775.9	775.9	775.9	775.9
2.5°	771.0	771.0	773.2	775.9	777.0	779.2	779.8	779.8	783.1	782.5	783.1
5°	768.8	768.8	772.6	777.6	783.1	789.6	796.2	800.1	808.3	809.9	810.5
7.5°	771.0	771.5	777.0	785.2	794.6	806.6	819.2	829.7	843.4	848.3	851.6
10°	779.2	779.8	786.9	798.4	812.7	830.2	848.3	864.8	886.7	896.6	898.2
12.5°	791.8	792.4	802.8	821.4	841.7	863.7	883.9	904.8	932.2	947.0	950.3
15°	811.0	809.4	825.8	853.2	881.8	909.2	927.3	947.6	976.6	995.8	1000.7
17.5°	837.3	838.4	858.7	893.8	928.9	956.9	975.0	986.5	1011.7	1031.5	1036.4
20°	870.2	875.2	900.9	941.5	982.7	1012.3	1024.9	1023.2	1037.5	1054.5	1058.3
22.5°	916.9	920.1	951.4	996.9	1044.1	1074.8	1079.7	1061.6	1061.1	1072.0	1077.0
25°	971.7	974.4	1007.3	1060.0	1109.9	1142.2	1137.3	1106.0	1089.6	1090.1	1093.4
27.5°	1035.8	1041.3	1075.3	1129.1	1180.6	1210.2	1203.1	1157.6	1125.2	1115.4	1113.2
30°	1119.2	1125.2	1159.8	1211.3	1256.8	1283.2	1272.2	1214.6	1166.4	1149.9	1146.6
32.5°	1227.8	1227.2	1262.9	1312.8	1344.6	1361.6	1340.2	1274.9	1214.1	1192.1	1187.7
35°	1339.6	1345.1	1380.2	1428.5	1452.6	1453.7	1419.7	1346.2	1273.8	1236.0	1227.8
37.5°	1465.8	1468.5	1509.1	1554.6	1570.5	1561.7	1511.3	1429.6	1346.2	1306.2	1291.9
40°	1595.2	1597.9	1645.1	1688.9	1706.5	1685.6	1619.3	1521.7	1431.8	1387.9	1379.7
42.5°	1715.3	1722.4	1775.0	1826.6	1843.6	1819.4	1739.4	1622.6	1522.2	1480.0	1469.0
45°	1815.1	1822.7	1882.0	1947.8	1977.9	1958.2	1867.7	1736.1	1626.4	1580.9	1562.3
47.5°	1890.2	1900.1	1963.1	2042.1	2100.8	2096.9	2004.2	1856.2	1738.3	1684.5	1667.6
50°	1941.7	1952.1	2020.1	2105.1	2193.4	2223.0	2143.0	1988.9	1862.8	1802.4	1790.9
52.5°	1945.6	1954.9	2032.8	2138.6	2256.5	2321.7	2279.5	2128.7	1999.9	1937.3	1929.1
55°	1860.0	1866.6	1970.2	2111.2	2282.3	2397.4	2404.0	2281.2	2146.3	2083.2	2079.4
57.5°	1663.7	1673.0	1797.0	1983.4	2239.5	2446.2	2512.0	2440.7	2311.9	2252.6	2249.4
60°	1344.0	1356.1	1497.6	1745.4	2084.8	2433.6	2603.6	2590.4	2492.8	2435.2	2433.1
62.5°	948.1	952.5	1100.0	1373.1	1782.2	2299.8	2648.0	2736.3	2680.4	2622.2	2625.5
65°	557.1	563.2	671.2	916.9	1351.7	1992.2	2571.2	2837.7	2830.6	2777.4	2782.9
67.5°	294.5	294.5	348.8	501.2	850.0	1491.5	2265.8	2781.8	2875.0	2828.4	2831.2
70°	203.4	202.9	212.8	251.7	410.7	924.5	1695.0	2489.0	2784.6	2767.0	2774.1
72.5°	172.2	171.1	171.6	177.1	208.9	417.8	1029.3	1917.1	2482.4	2509.3	2515.3
75°	150.8	149.2	148.1	147.0	149.7	189.7	469.4	1182.8	1840.3	2009.2	2005.9
77.5°	130.0	128.9	127.8	123.9	119.5	124.5	191.9	531.9	946.5	1117.0	1104.9
80°	106.9	106.9	108.6	103.1	94.9	91.6	114.6	198.5	314.2	327.9	301.6
82.5°	83.9	83.9	92.1	84.4	74.6	66.4	79.5	105.8	127.8	103.6	84.4
85°	59.2	59.8	76.8	70.2	57.6	38.4	49.4	63.1	71.8	45.5	35.6
87.5°	24.1	25.8	47.7	37.8	36.2	19.2	23.0	28.0	35.6	19.2	15.4
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)