

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: P672691

Luminaire Tested: **CCP-SA-1F-740-U-5NQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672691
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-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ 5NQ distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

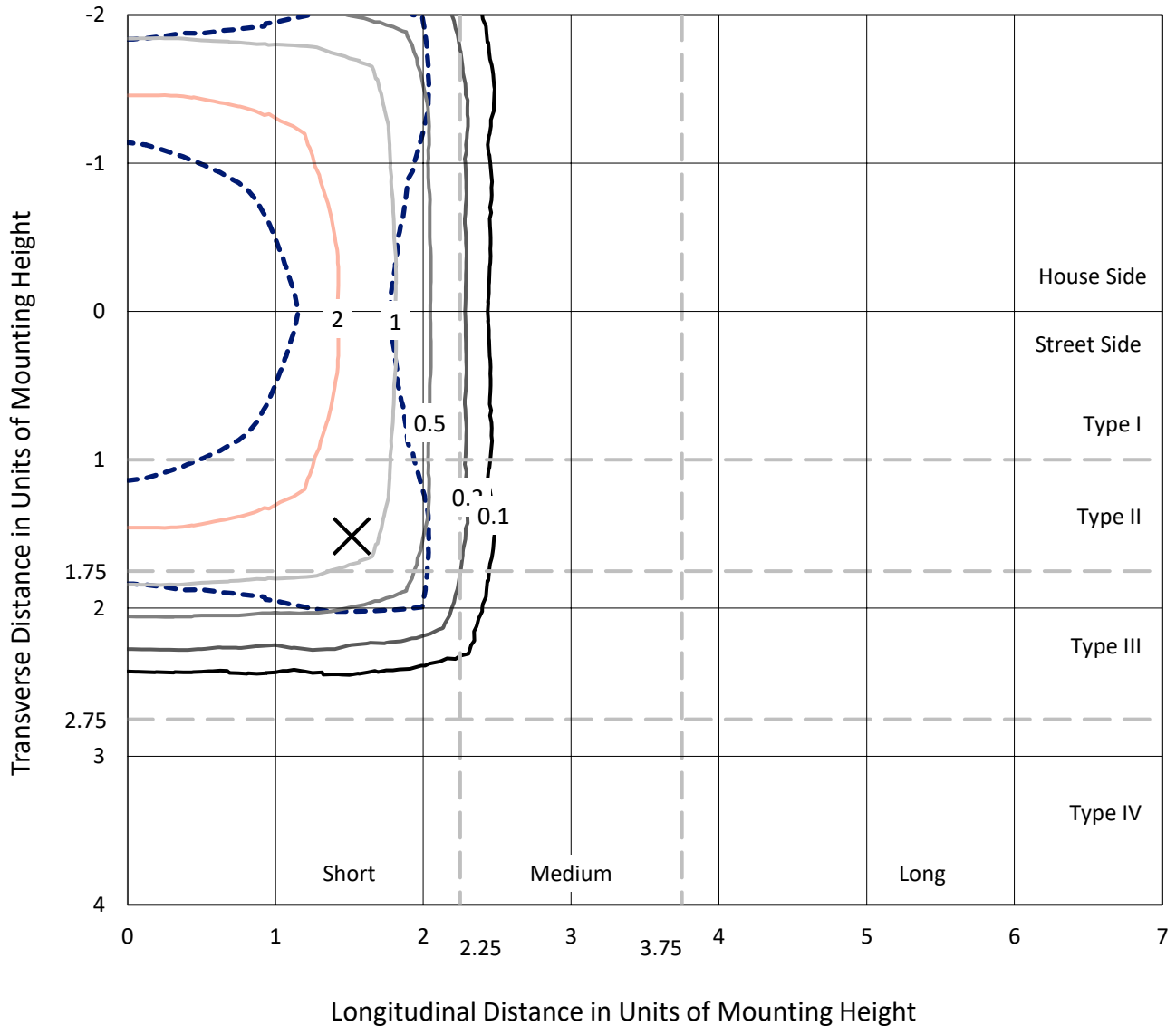
Lumens per Lamp: N/A
Luminaire Lumens: 7802.2 lumens
Efficiency: N/A
Efficacy: 116.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

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

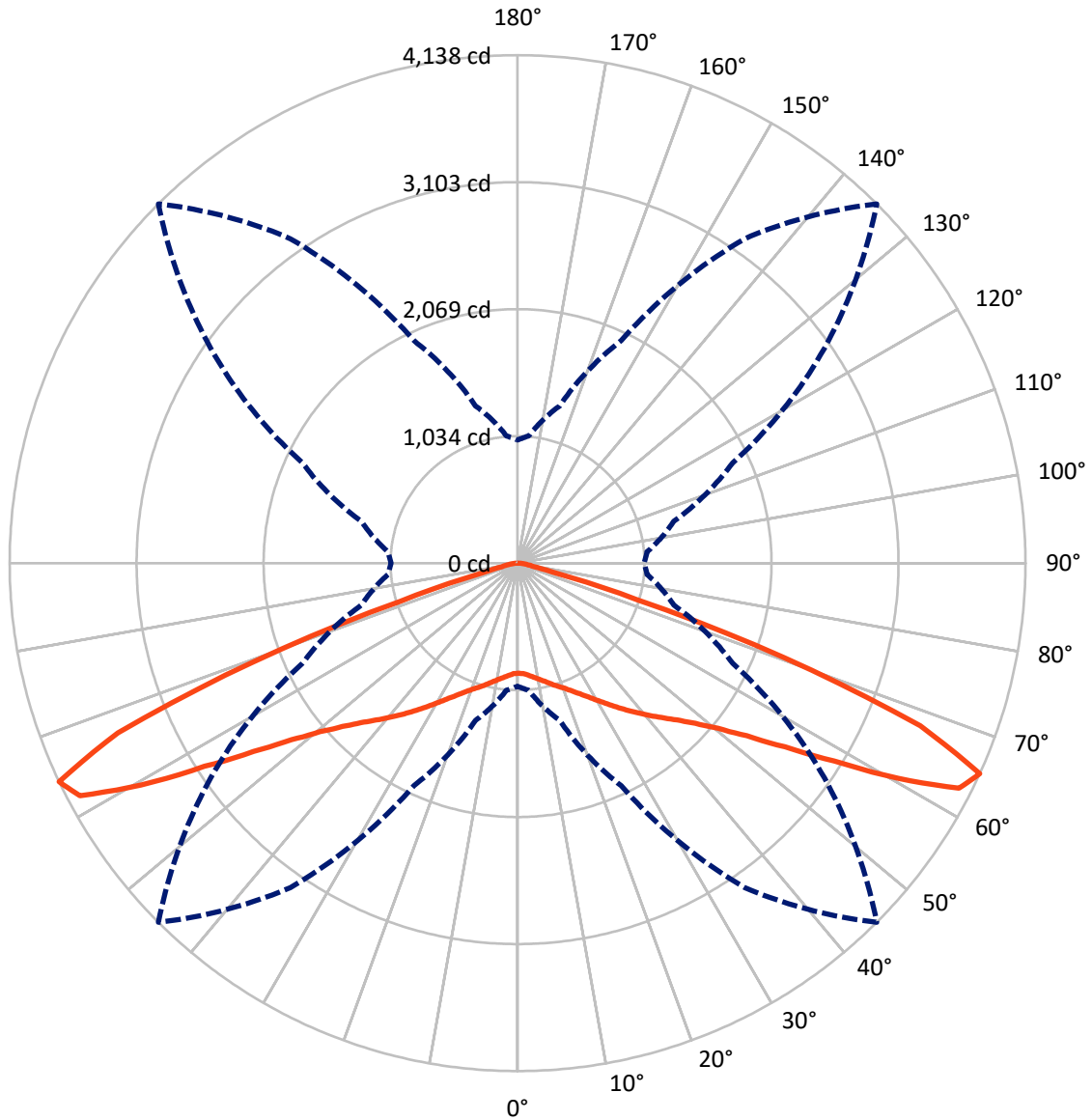
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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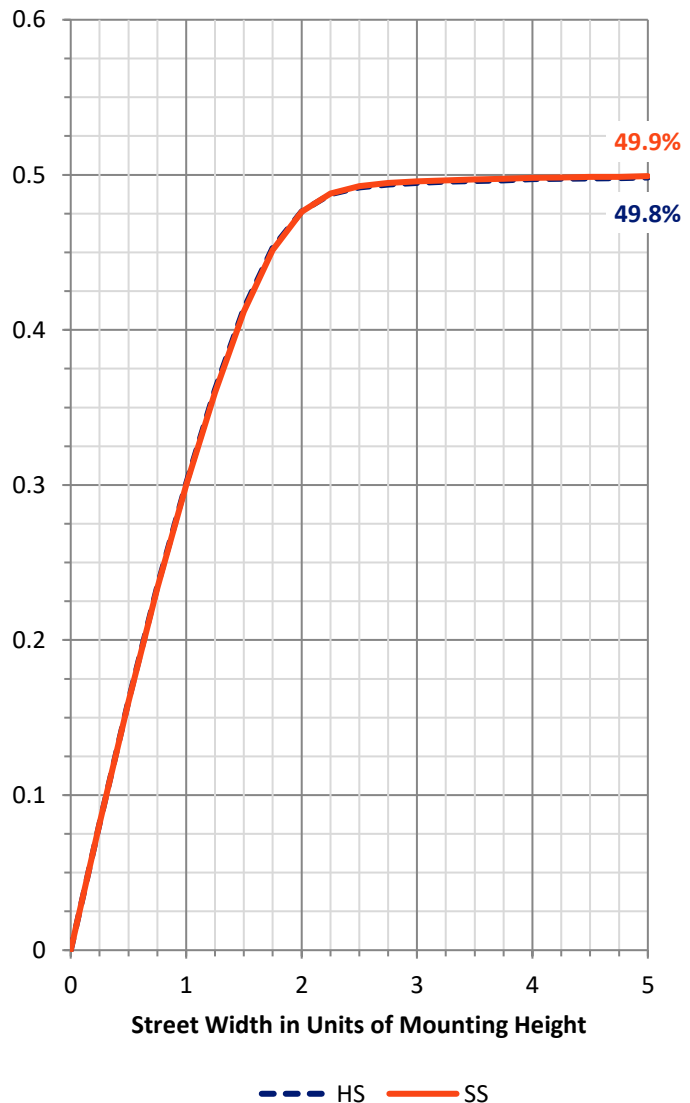
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3901.1	0.0	3901.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3901.1	0.0	3901.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	7802.2	0.0	7802.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.8	1.1
10°-20°	290.1	3.7
20°-30°	550.1	7.1
30°-40°	922.6	11.8
40°-50°	1459.9	18.7
50°-60°	2293.6	29.4
60°-70°	1937.9	24.8
70°-80°	225.6	2.9
80°-90°	33.6	0.4
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°	7802.2	100.0
0°-180°	7802.2	100.0



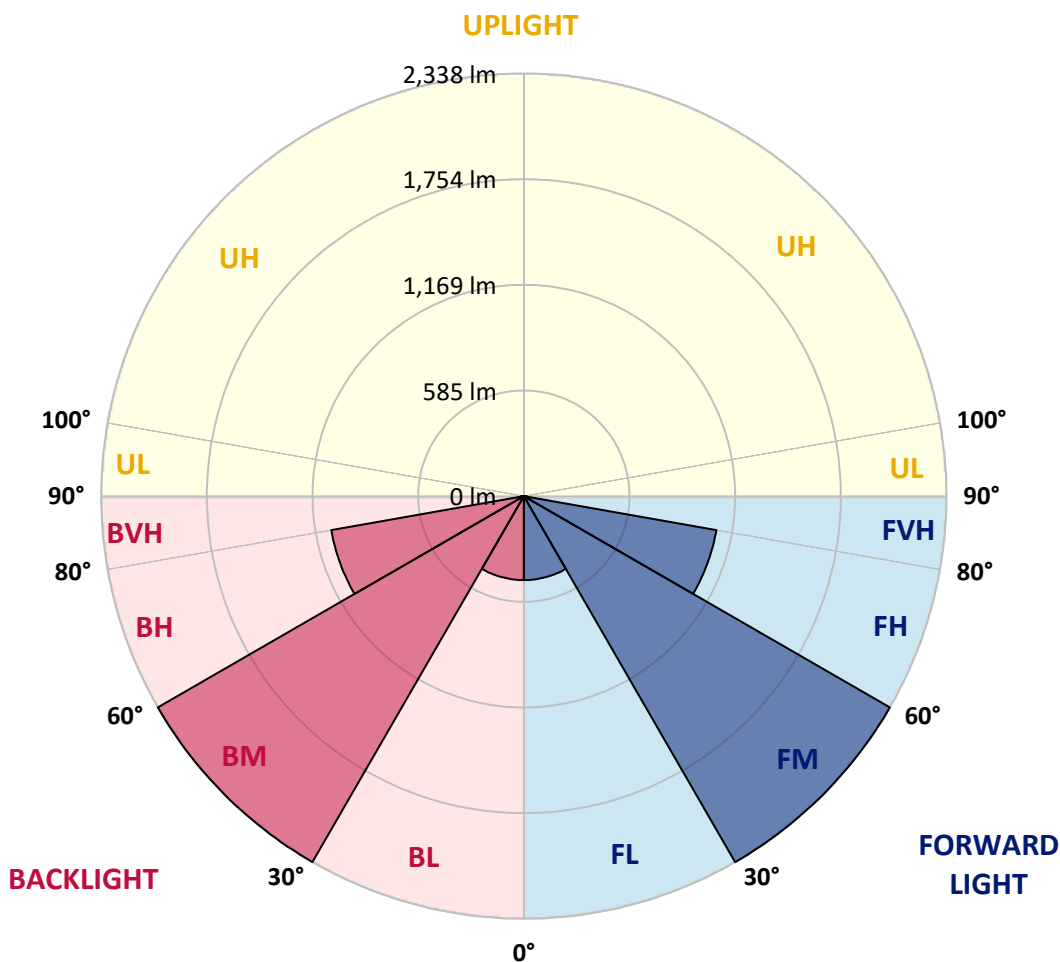
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	464.5	6.0			
FM (30°-60°)	2338.0	30.0			
FH (60°-80°)	1081.8	13.9			G1/1800
FVH (80°-90°)	16.8	0.2			G1/100
BL (0°-30°)	464.5	6.0	B1/500		
BM (30°-60°)	2338.0	30.0	B2/2500		
BH (60°-80°)	1081.8	13.9	B3/2500		G1/1800
BVH (80°-90°)	16.8	0.2			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	897.1	897.1	897.1	897.1	897.1	897.1	897.1	897.1	897.1	897.1	897.1
2.5°	902.1	899.3	902.1	902.1	900.4	901.0	898.8	898.2	901.0	898.8	898.2
5°	920.7	918.5	920.7	919.1	916.3	916.9	913.6	912.5	915.8	912.5	913.0
7.5°	942.1	938.2	939.3	941.0	938.2	938.2	935.5	933.9	935.5	932.2	934.4
10°	960.2	956.9	958.5	960.7	960.2	961.8	959.1	958.0	956.3	952.5	955.8
12.5°	983.8	982.7	984.9	987.6	986.5	988.7	982.7	981.0	980.5	976.1	979.9
15°	1014.5	1011.7	1015.6	1018.9	1017.2	1021.0	1016.1	1013.9	1011.2	1005.7	1009.0
17.5°	1045.2	1043.0	1048.5	1050.1	1050.7	1054.0	1050.1	1046.8	1045.7	1041.9	1039.7
20°	1081.9	1079.2	1083.6	1086.9	1084.1	1087.9	1086.3	1084.1	1083.0	1077.0	1076.4
22.5°	1123.0	1119.2	1125.8	1129.6	1125.8	1129.6	1126.3	1125.8	1126.3	1117.6	1118.7
25°	1169.1	1169.7	1176.2	1179.0	1176.8	1179.0	1174.0	1177.3	1175.7	1166.4	1163.1
27.5°	1228.3	1226.1	1233.3	1241.5	1236.0	1236.0	1233.8	1237.1	1236.6	1227.8	1225.6
30°	1297.4	1296.9	1307.3	1312.2	1304.6	1301.3	1300.7	1308.9	1309.5	1300.2	1296.3
32.5°	1369.8	1369.8	1382.4	1388.5	1377.5	1375.3	1373.1	1384.1	1382.4	1369.8	1361.6
35°	1449.3	1446.0	1463.0	1471.8	1460.8	1454.3	1453.2	1463.0	1460.8	1443.3	1433.4
37.5°	1527.7	1529.9	1549.7	1559.5	1546.4	1538.2	1540.9	1547.5	1548.0	1528.8	1518.4
40°	1623.7	1624.2	1648.9	1656.6	1639.6	1627.0	1630.8	1645.6	1644.5	1621.0	1607.8
42.5°	1731.2	1729.0	1759.7	1766.3	1743.2	1719.1	1730.6	1753.7	1759.1	1732.8	1719.1
45°	1846.3	1849.6	1881.4	1888.6	1852.4	1821.7	1846.3	1880.9	1888.0	1859.5	1842.5
47.5°	1986.2	1990.0	2028.4	2031.1	1990.0	1950.0	1982.9	2027.8	2030.6	1991.1	1971.4
50°	2145.7	2158.9	2201.7	2207.2	2166.6	2115.0	2162.2	2202.2	2191.8	2139.2	2121.1
52.5°	2326.7	2337.1	2404.0	2427.0	2391.4	2336.0	2373.9	2398.5	2365.1	2296.0	2268.0
55°	2480.8	2498.3	2587.2	2657.4	2684.2	2642.6	2638.2	2602.0	2508.8	2403.5	2374.4
57.5°	2524.1	2541.1	2678.7	2859.7	3019.3	3040.1	2943.6	2762.1	2561.4	2399.1	2369.5
60°	2348.1	2371.1	2572.4	2915.1	3373.0	3561.6	3212.9	2775.8	2424.9	2207.2	2169.9
62.5°	1844.1	1886.9	2146.8	2684.2	3515.5	4036.5	3323.6	2539.5	2013.0	1755.9	1706.5
65°	1003.0	1039.7	1326.5	2000.4	3226.6	4137.9	3052.2	1933.5	1316.6	1058.3	1031.5
67.5°	376.2	403.0	534.7	988.7	2281.2	3537.5	2316.8	1107.1	597.7	428.8	391.0
70°	160.1	163.4	193.6	344.4	1037.0	2301.5	1186.1	376.2	199.6	161.2	156.8
72.5°	115.2	115.7	123.9	152.4	315.9	1009.5	358.6	157.9	121.7	109.7	109.7
75°	92.1	92.7	97.6	110.2	149.2	297.2	154.6	110.8	94.3	86.1	85.0
77.5°	72.4	73.5	78.4	86.1	99.8	136.0	104.7	87.2	75.7	68.0	66.9
80°	53.7	55.4	62.0	65.8	70.2	90.5	76.2	68.0	60.3	52.1	50.4
82.5°	35.6	37.3	46.1	48.8	48.3	57.0	52.6	52.1	46.1	34.5	32.9
85°	21.4	22.5	29.6	31.8	29.6	28.0	33.5	36.2	32.4	22.5	20.8
87.5°	9.3	9.3	13.2	13.7	13.2	10.4	15.9	18.6	19.2	11.5	10.4
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)