

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: P672418

Luminaire Tested: **CCP-SA-2D-750-U-5WQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672418
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2D-750-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5WQ distribution lens
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

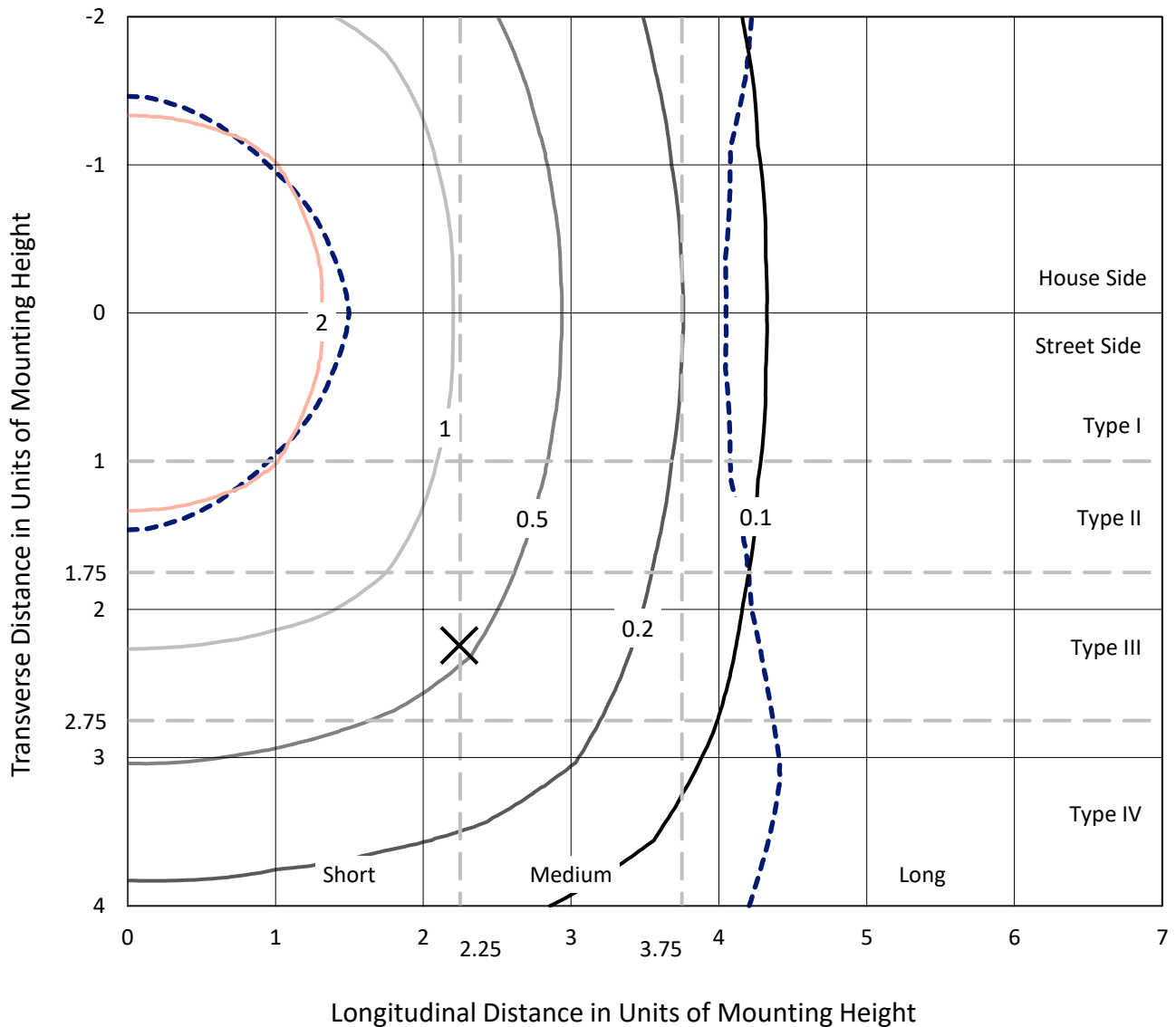
Lumens per Lamp: N/A
Luminaire Lumens: 11957 lumens
Efficiency: N/A
Efficacy: 148.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G2

Input Watts (W): 80.8
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

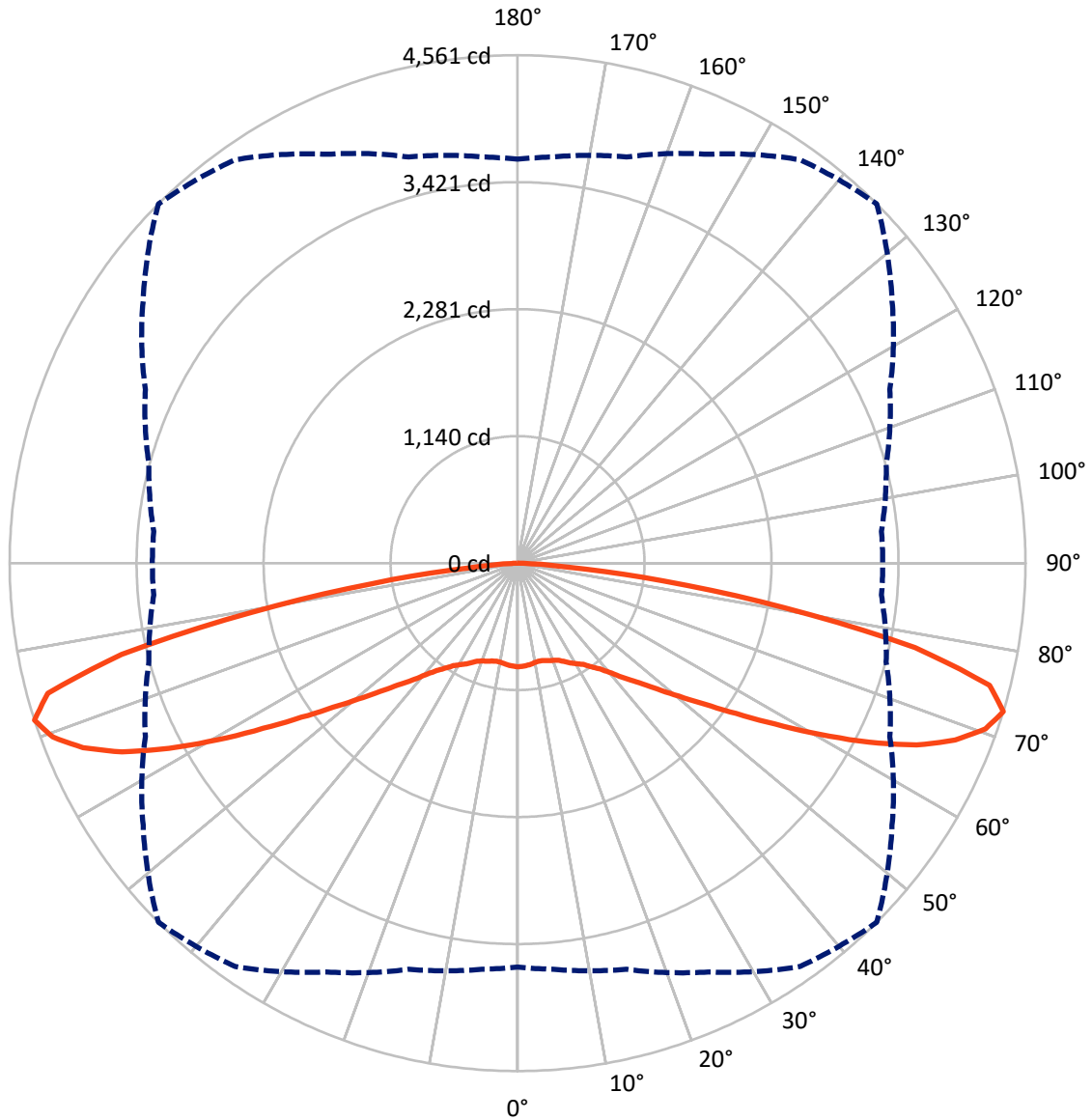
× Max cd
 - - - 1/2 Max cd



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 72.5-Deg Vertical

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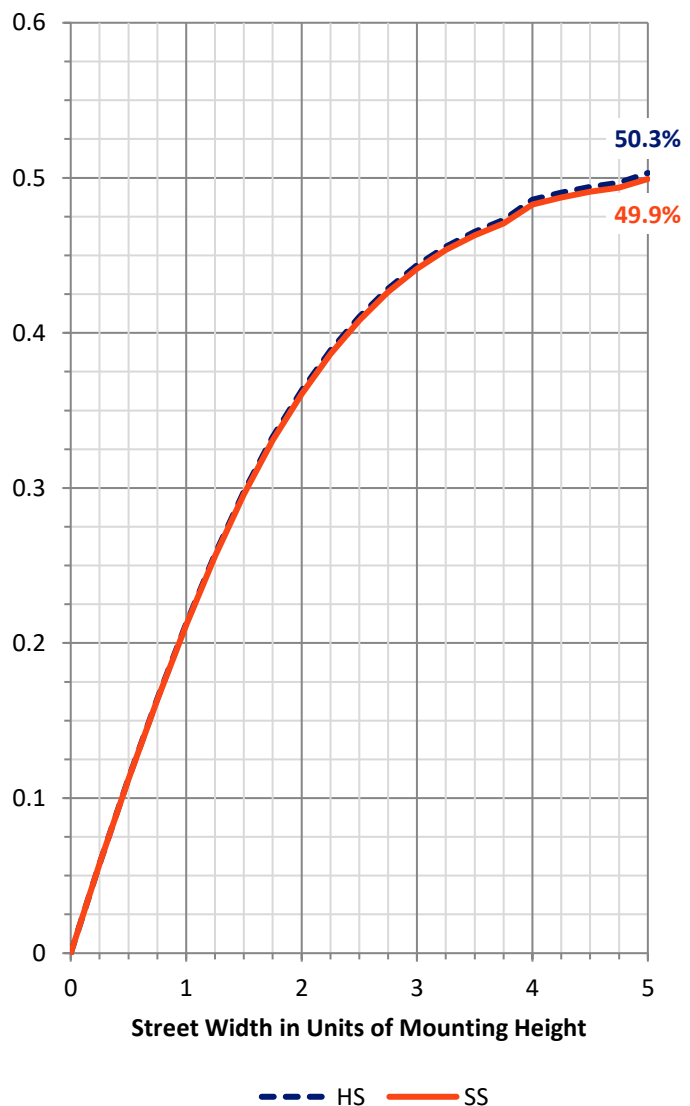
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5978.5	0.0	5978.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5978.5	0.0	5978.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	11957.0	0.0	11957.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.4	0.7
10°-20°	259.7	2.2
20°-30°	456.2	3.8
30°-40°	727.8	6.1
40°-50°	1217.0	10.2
50°-60°	2082.6	17.4
60°-70°	3438.0	28.8
70°-80°	3295.2	27.6
80°-90°	393.0	3.3
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°	11957.0	100.0
0°-180°	11957.0	100.0



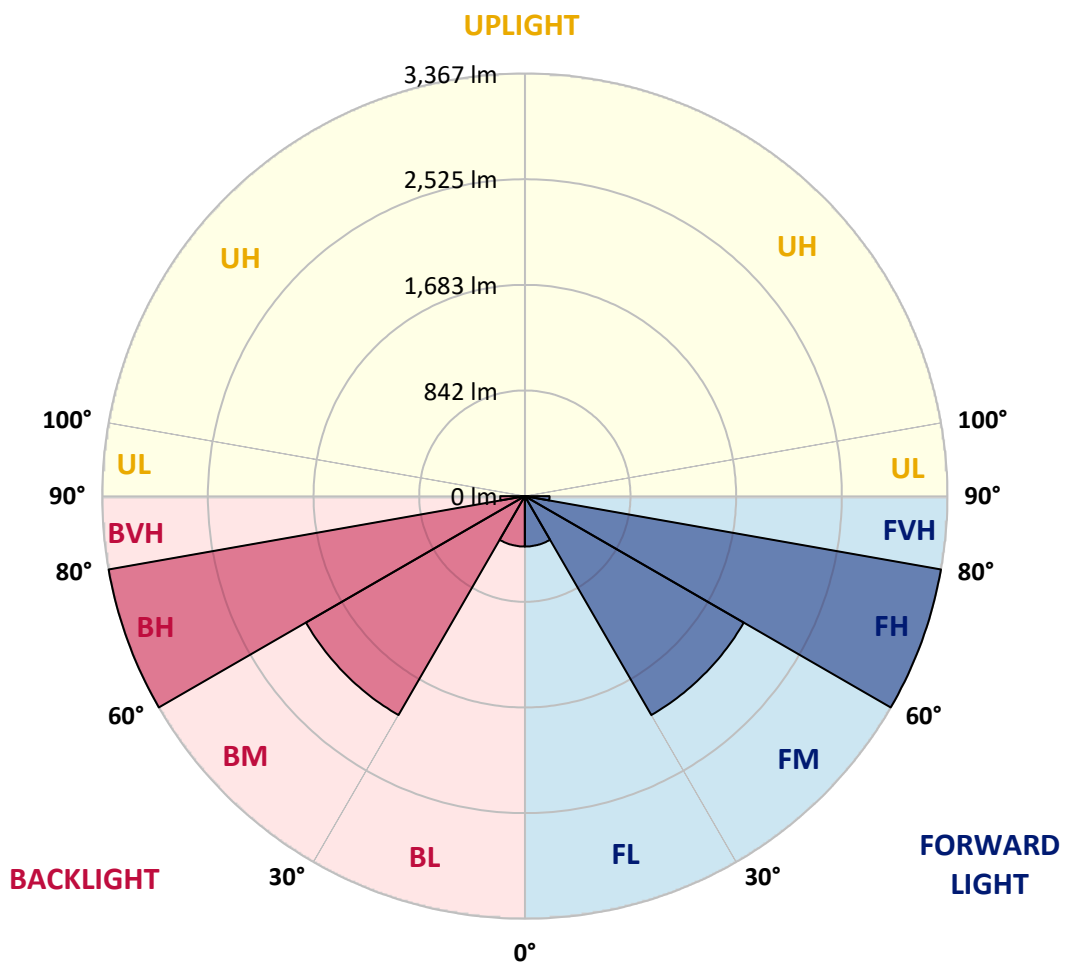
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	401.7	3.4			
FM (30°-60°)	2013.7	16.8			
FH (60°-80°)	3366.6	28.2			G2/5000
FVH (80°-90°)	196.5	1.6			G2/225
BL (0°-30°)	401.7	3.4	B1/500		
BM (30°-60°)	2013.7	16.8	B2/2500		
BH (60°-80°)	3366.6	28.2	B4/5000		G2/5000
BVH (80°-90°)	196.5	1.6			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	931.1	931.1	931.1	931.1	931.1	931.1	931.1	931.1	931.1	931.1	931.1
2.5°	925.3	925.3	927.8	928.6	927.8	926.9	926.1	925.3	927.8	926.9	927.8
5°	922.8	922.8	923.6	924.4	922.8	921.9	920.3	919.4	921.1	921.1	922.8
7.5°	916.1	915.3	916.1	916.9	914.4	913.6	911.1	911.1	911.1	910.2	911.9
10°	910.2	908.6	908.6	906.9	902.7	903.6	900.2	902.7	906.9	907.7	908.6
12.5°	912.8	911.1	909.4	905.2	899.4	900.2	899.4	901.9	907.7	911.1	913.6
15°	924.4	922.8	918.6	911.1	907.7	907.7	906.1	906.9	915.3	920.3	922.8
17.5°	936.9	933.6	926.1	921.1	917.8	920.3	914.4	913.6	920.3	927.8	930.3
20°	947.0	944.5	935.3	929.4	929.4	931.9	926.1	922.8	930.3	939.5	942.0
22.5°	964.5	962.8	953.6	947.8	947.8	948.6	945.3	942.8	951.1	960.3	962.8
25°	989.5	989.5	980.3	977.8	977.0	978.7	974.5	972.0	979.5	986.2	988.7
27.5°	1018.7	1016.2	1008.7	1007.0	1010.4	1016.2	1008.7	1002.0	1007.9	1013.7	1014.5
30°	1049.6	1049.6	1042.9	1042.9	1045.4	1047.9	1041.2	1034.6	1040.4	1047.1	1047.9
32.5°	1093.0	1090.5	1088.0	1088.8	1088.0	1084.6	1081.3	1080.5	1085.5	1089.6	1091.3
35°	1146.4	1145.5	1142.2	1143.9	1143.9	1143.9	1133.8	1130.5	1138.9	1142.2	1140.5
37.5°	1229.0	1228.1	1219.8	1214.8	1208.9	1206.4	1193.9	1193.1	1213.1	1223.1	1221.5
40°	1329.9	1326.6	1319.1	1310.7	1303.2	1298.2	1285.7	1294.9	1315.7	1323.2	1323.2
42.5°	1440.0	1435.9	1427.5	1423.4	1418.4	1413.3	1396.7	1400.8	1425.9	1433.4	1425.0
45°	1575.2	1569.4	1560.2	1551.0	1543.5	1533.5	1525.1	1529.3	1556.0	1565.2	1558.5
47.5°	1718.7	1717.0	1709.5	1702.0	1695.3	1688.7	1677.8	1685.3	1708.7	1707.0	1693.7
50°	1870.6	1873.9	1874.7	1882.2	1877.2	1878.1	1858.0	1853.9	1872.2	1861.4	1844.7
52.5°	2034.1	2039.1	2056.6	2071.6	2099.2	2102.5	2077.5	2050.8	2047.4	2019.1	2001.5
55°	2223.5	2222.6	2261.0	2302.7	2363.6	2382.8	2326.9	2276.9	2249.3	2194.3	2175.9
57.5°	2437.9	2435.4	2493.8	2567.2	2677.4	2724.9	2622.3	2527.2	2460.4	2394.5	2375.3
60°	2670.7	2676.5	2747.4	2866.7	3057.0	3122.9	2967.7	2810.0	2708.2	2622.3	2614.8
62.5°	2942.7	2943.5	3026.9	3188.8	3435.8	3541.7	3328.1	3114.5	2985.2	2890.9	2870.9
65°	3263.9	3269.7	3359.0	3522.5	3806.2	3937.2	3691.1	3430.7	3278.1	3150.4	3147.9
67.5°	3593.4	3590.1	3671.9	3845.4	4119.1	4240.0	3982.2	3691.9	3493.3	3334.0	3313.1
70°	3804.5	3822.9	3911.3	4077.3	4339.3	4457.0	4143.3	3792.8	3585.1	3439.1	3429.1
72.5°	3626.8	3661.0	3775.3	4050.6	4421.9	4561.3	4104.9	3688.6	3426.6	3279.7	3279.7
75°	2944.3	3001.1	3160.4	3584.3	4136.6	4377.7	3800.4	3228.0	2846.7	2689.9	2689.9
77.5°	1793.8	1848.0	2063.3	2580.6	3340.6	3649.3	3097.8	2431.2	1989.9	1798.0	1772.9
80°	596.5	631.6	842.7	1311.6	2050.8	2428.7	2075.8	1380.8	891.1	679.1	675.8
82.5°	158.5	172.7	240.3	380.5	890.2	1315.7	949.5	455.5	261.1	202.7	186.9
85°	55.1	59.2	101.8	126.8	226.1	435.5	264.5	165.2	126.8	76.8	71.8
87.5°	15.9	17.5	40.9	44.2	65.1	50.9	71.8	65.9	60.1	25.0	22.5
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)