

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: P672697

Luminaire Tested: **CCP-SA-1A-750-U-5NQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672697
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-750-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5NQ distribution lens
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

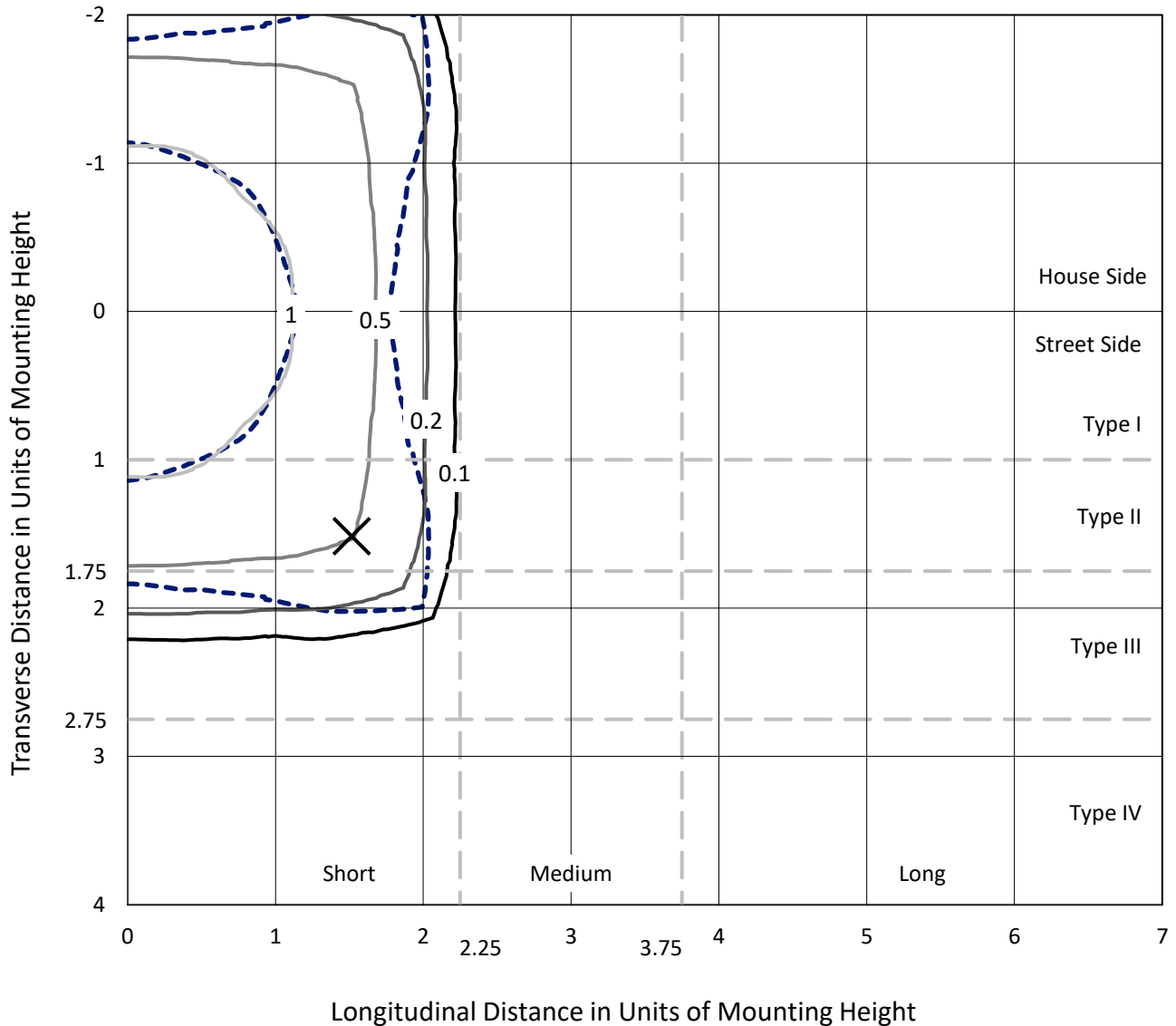
Lumens per Lamp: N/A
Luminaire Lumens: 2912.1 lumens
Efficiency: N/A
Efficacy: 161.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B1 - U0 - G0

Input Watts (W): 18
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

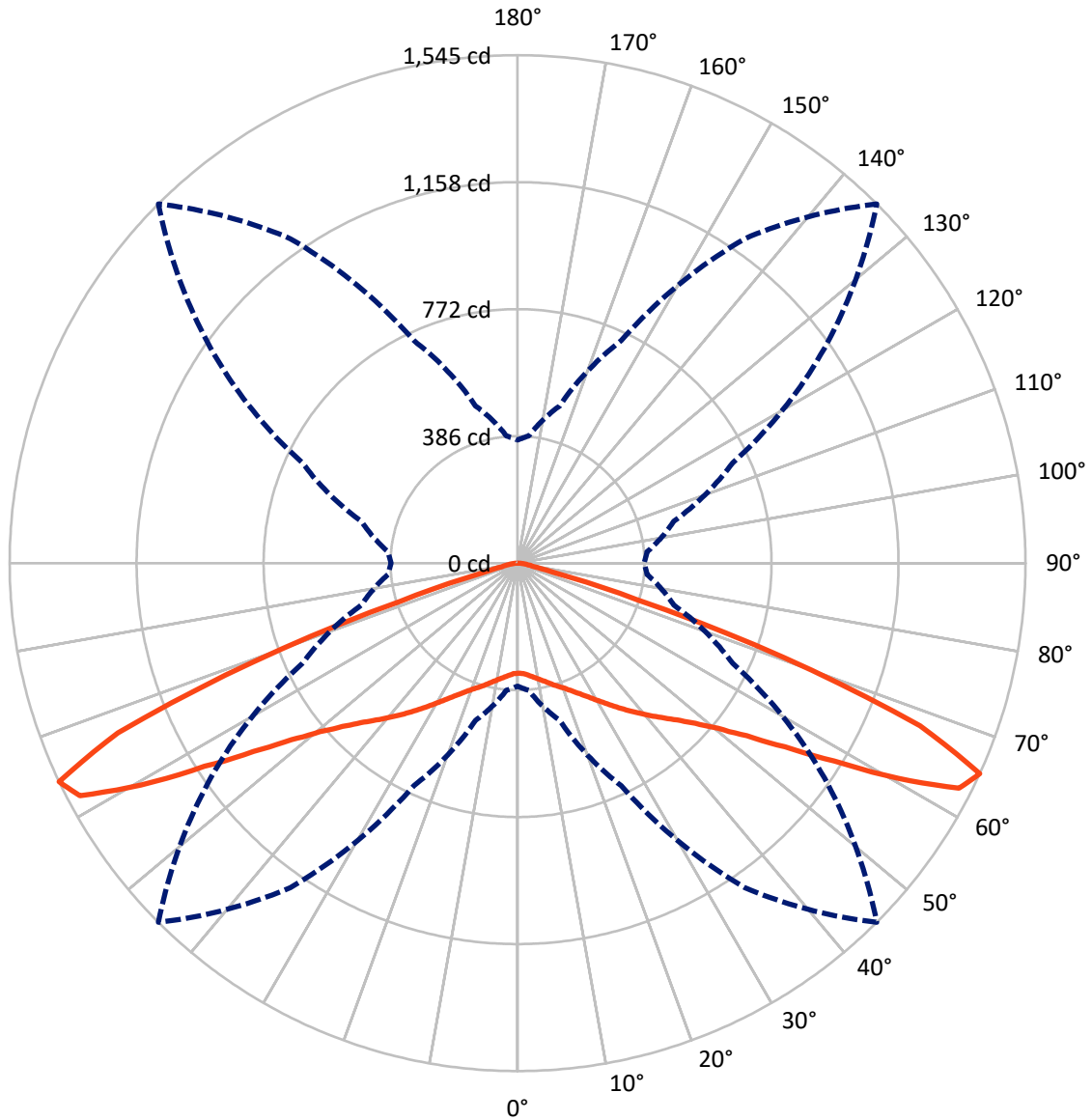
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.5 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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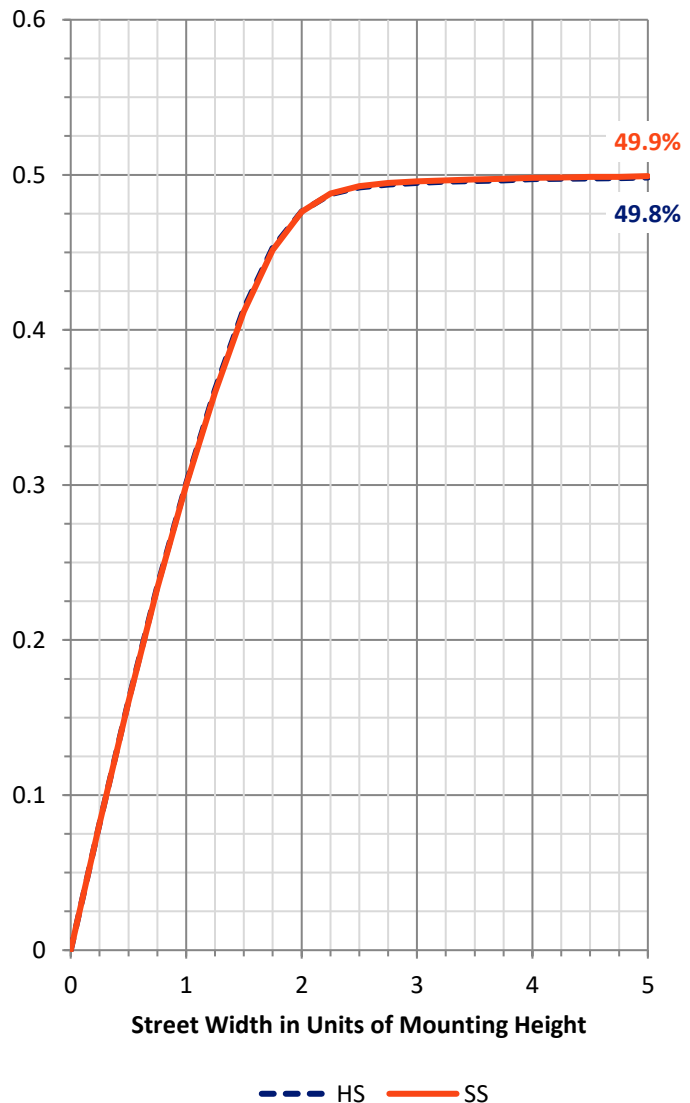
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1456.1	0.0	1456.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1456.1	0.0	1456.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	2912.1	0.0	2912.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.2	1.1
10°-20°	108.3	3.7
20°-30°	205.3	7.1
30°-40°	344.4	11.8
40°-50°	544.9	18.7
50°-60°	856.1	29.4
60°-70°	723.3	24.8
70°-80°	84.2	2.9
80°-90°	12.5	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°	2912.1	100.0
0°-180°	2912.1	100.0



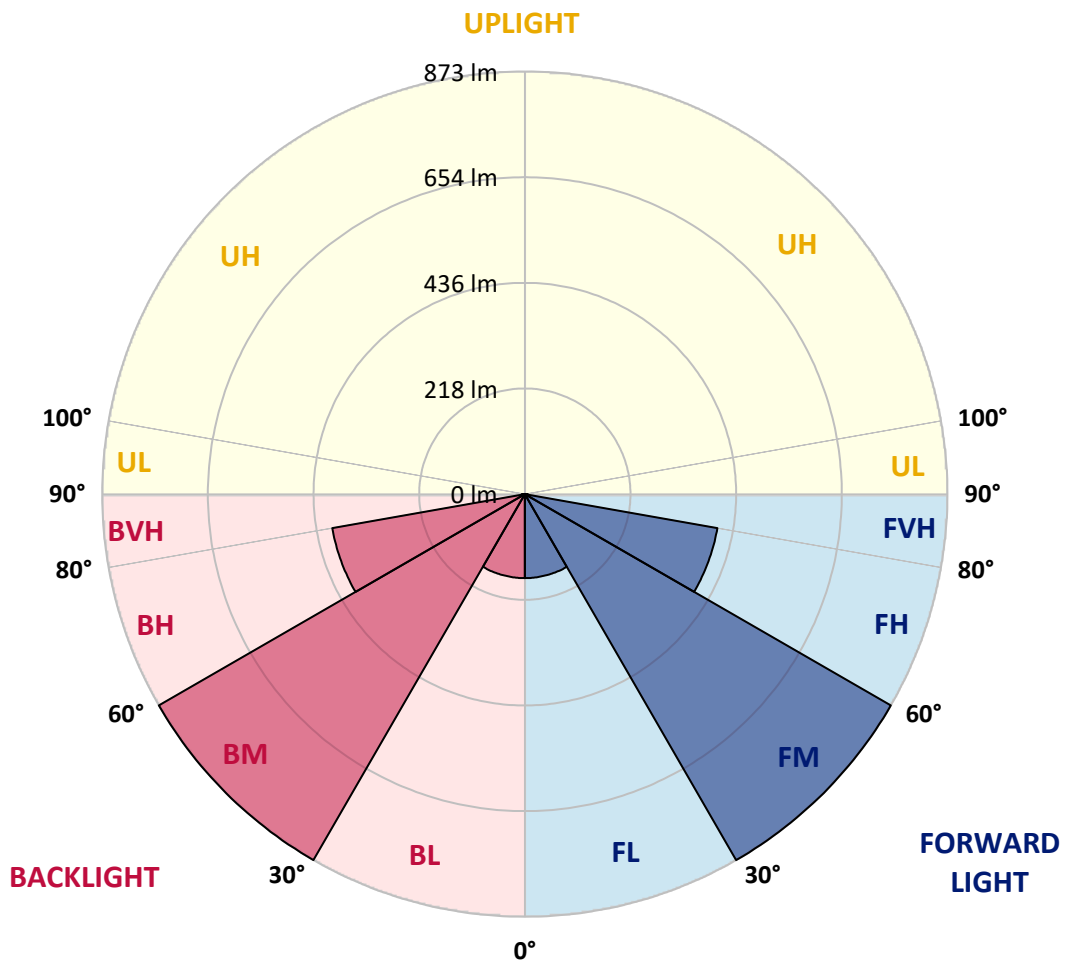
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	173.4	6.0			
FM (30°-60°)	872.7	30.0			
FH (60°-80°)	403.8	13.9			G0/660
FVH (80°-90°)	6.3	0.2			G0/10
BL (0°-30°)	173.4	6.0	B1/500		
BM (30°-60°)	872.7	30.0	B1/1000		
BH (60°-80°)	403.8	13.9	B1/500		G0/660
BVH (80°-90°)	6.3	0.2			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	334.8	334.8	334.8	334.8	334.8	334.8	334.8	334.8	334.8	334.8	334.8
2.5°	336.7	335.7	336.7	336.7	336.1	336.3	335.5	335.3	336.3	335.5	335.3
5°	343.6	342.8	343.6	343.0	342.0	342.2	341.0	340.6	341.8	340.6	340.8
7.5°	351.6	350.2	350.6	351.2	350.2	350.2	349.2	348.6	349.2	347.9	348.8
10°	358.4	357.2	357.8	358.6	358.4	359.0	358.0	357.6	356.9	355.5	356.7
12.5°	367.2	366.8	367.6	368.6	368.2	369.0	366.8	366.2	366.0	364.3	365.8
15°	378.6	377.6	379.1	380.3	379.7	381.1	379.3	378.4	377.4	375.4	376.6
17.5°	390.1	389.3	391.3	391.9	392.2	393.4	391.9	390.7	390.3	388.9	388.1
20°	403.8	402.8	404.4	405.7	404.6	406.1	405.5	404.6	404.2	402.0	401.8
22.5°	419.2	417.7	420.2	421.6	420.2	421.6	420.4	420.2	420.4	417.1	417.5
25°	436.4	436.6	439.0	440.0	439.2	440.0	438.2	439.4	438.8	435.3	434.1
27.5°	458.5	457.6	460.3	463.4	461.3	461.3	460.5	461.7	461.5	458.3	457.4
30°	484.3	484.1	487.9	489.8	486.9	485.7	485.5	488.6	488.8	485.3	483.8
32.5°	511.3	511.3	516.0	518.2	514.1	513.3	512.5	516.6	516.0	511.3	508.2
35°	541.0	539.7	546.1	549.3	545.2	542.8	542.4	546.1	545.2	538.7	535.0
37.5°	570.2	571.0	578.4	582.1	577.2	574.1	575.1	577.6	577.8	570.6	566.7
40°	606.0	606.2	615.5	618.3	612.0	607.3	608.7	614.2	613.8	605.0	600.1
42.5°	646.2	645.3	656.8	659.3	650.7	641.6	645.9	654.5	656.6	646.8	641.6
45°	689.1	690.4	702.2	704.9	691.4	679.9	689.1	702.0	704.7	694.0	687.7
47.5°	741.3	742.8	757.1	758.1	742.8	727.8	740.1	756.9	757.9	743.2	735.8
50°	800.9	805.8	821.8	823.8	808.7	789.4	807.0	822.0	818.1	798.4	791.7
52.5°	868.4	872.3	897.3	905.9	892.6	871.9	886.0	895.2	882.8	857.0	846.5
55°	925.9	932.5	965.6	991.8	1001.9	986.3	984.7	971.2	936.4	897.1	886.2
57.5°	942.1	948.5	999.8	1067.4	1126.9	1134.7	1098.7	1030.9	956.0	895.4	884.4
60°	876.4	885.0	960.1	1088.0	1258.9	1329.4	1199.2	1036.1	905.1	823.8	809.9
62.5°	688.3	704.3	801.3	1001.9	1312.2	1506.6	1240.5	947.8	751.4	655.4	636.9
65°	374.3	388.1	495.1	746.6	1204.3	1544.5	1139.2	721.7	491.4	395.0	385.0
67.5°	140.4	150.4	199.6	369.0	851.4	1320.3	864.7	413.2	223.1	160.1	145.9
70°	59.8	61.0	72.2	128.5	387.0	859.0	442.7	140.4	74.5	60.2	58.5
72.5°	43.0	43.2	46.3	56.9	117.9	376.8	133.9	58.9	45.4	40.9	40.9
75°	34.4	34.6	36.4	41.1	55.7	110.9	57.7	41.3	35.2	32.1	31.7
77.5°	27.0	27.4	29.3	32.1	37.3	50.8	39.1	32.5	28.2	25.4	25.0
80°	20.1	20.7	23.1	24.6	26.2	33.8	28.4	25.4	22.5	19.4	18.8
82.5°	13.3	13.9	17.2	18.2	18.0	21.3	19.6	19.4	17.2	12.9	12.3
85°	8.0	8.4	11.1	11.9	11.1	10.4	12.5	13.5	12.1	8.4	7.8
87.5°	3.5	3.5	4.9	5.1	4.9	3.9	5.9	7.0	7.2	4.3	3.9
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)