

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: P672421

Luminaire Tested: **CCP-SA-1B-760-U-5WQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672421
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1B-760-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5WQ
distribution lens
Light Source: (16) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3702.7 lumens
Efficiency: N/A
Efficacy: 154.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

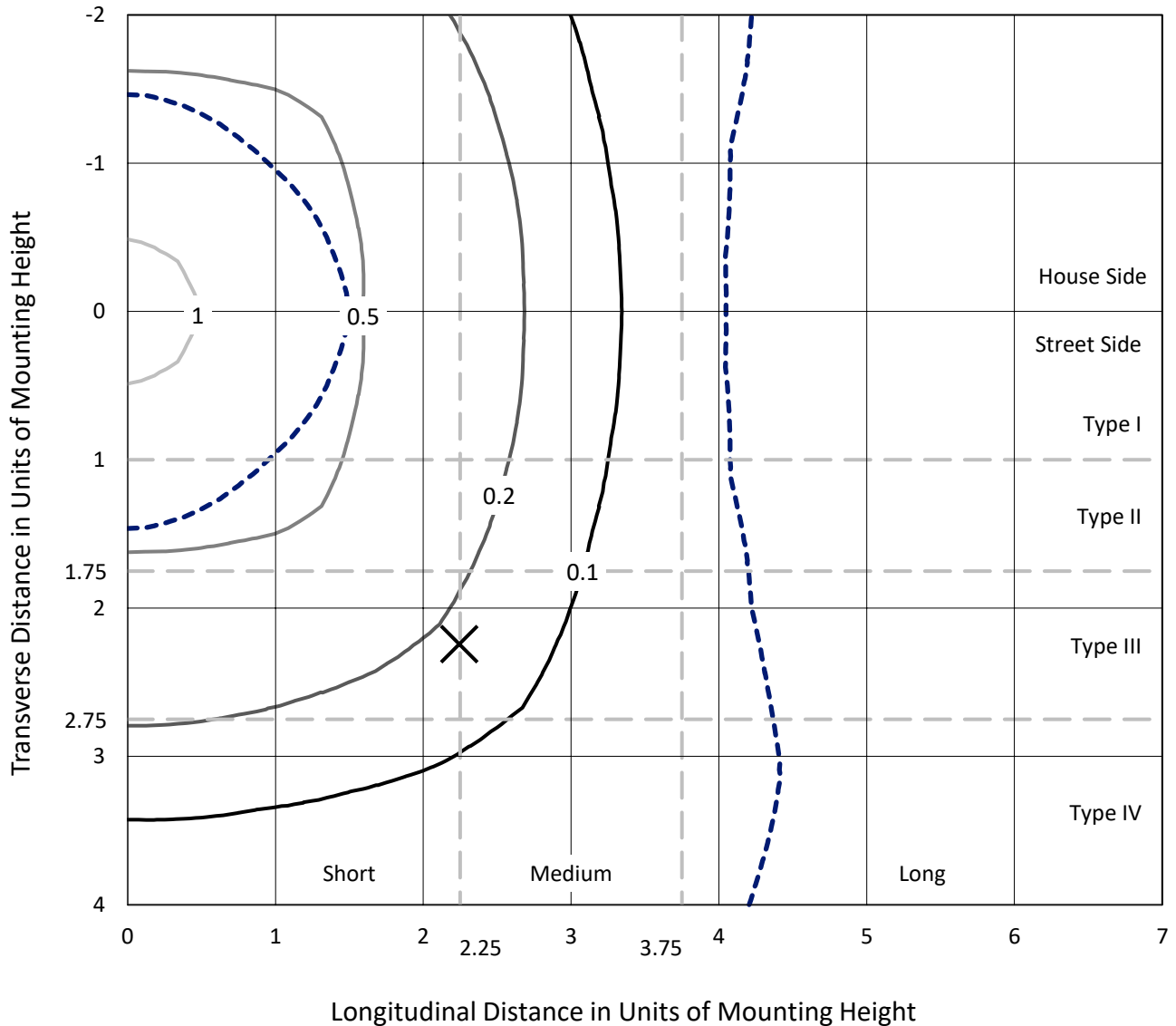
Input Watts (W): 24
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

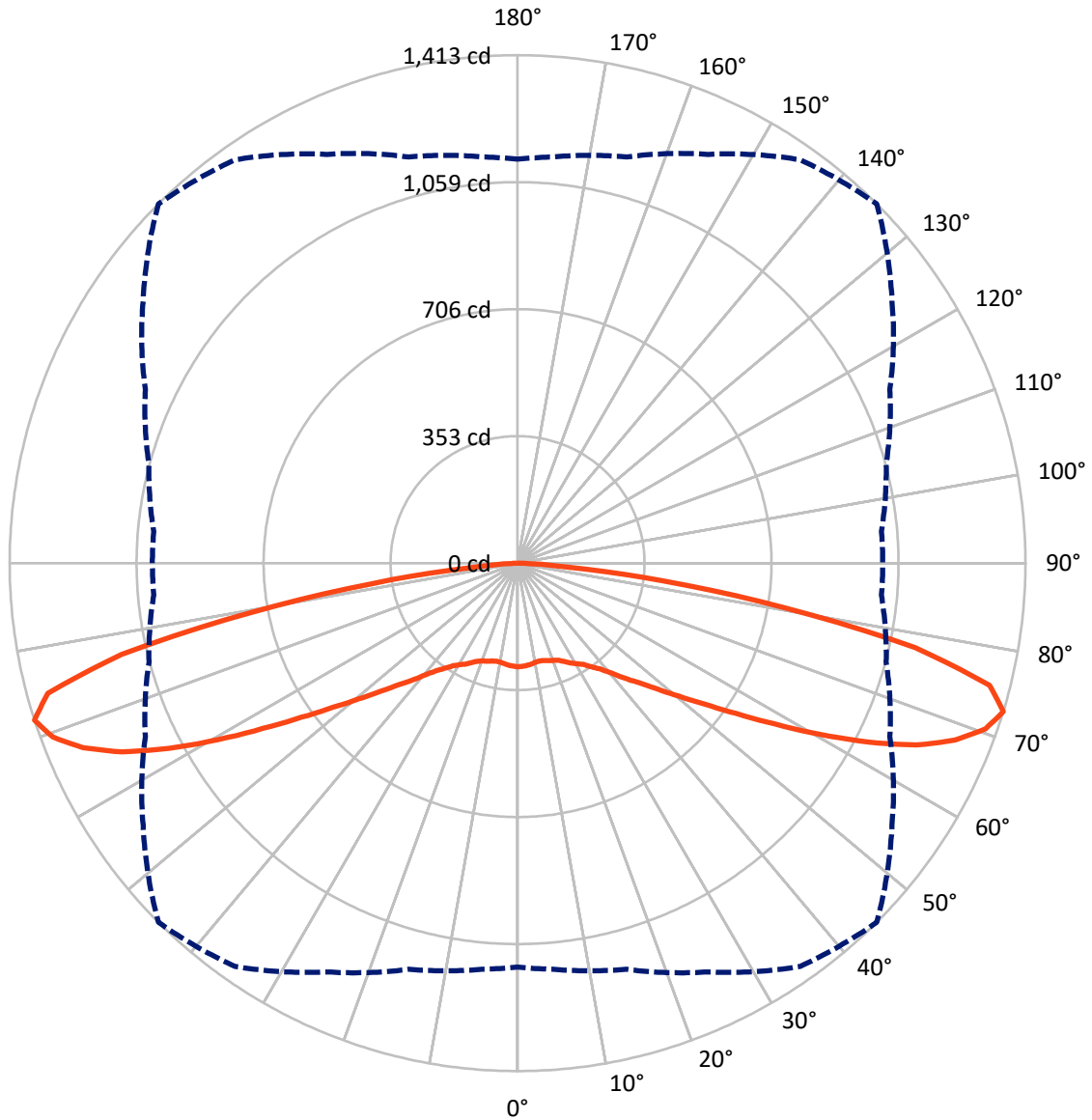
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.3 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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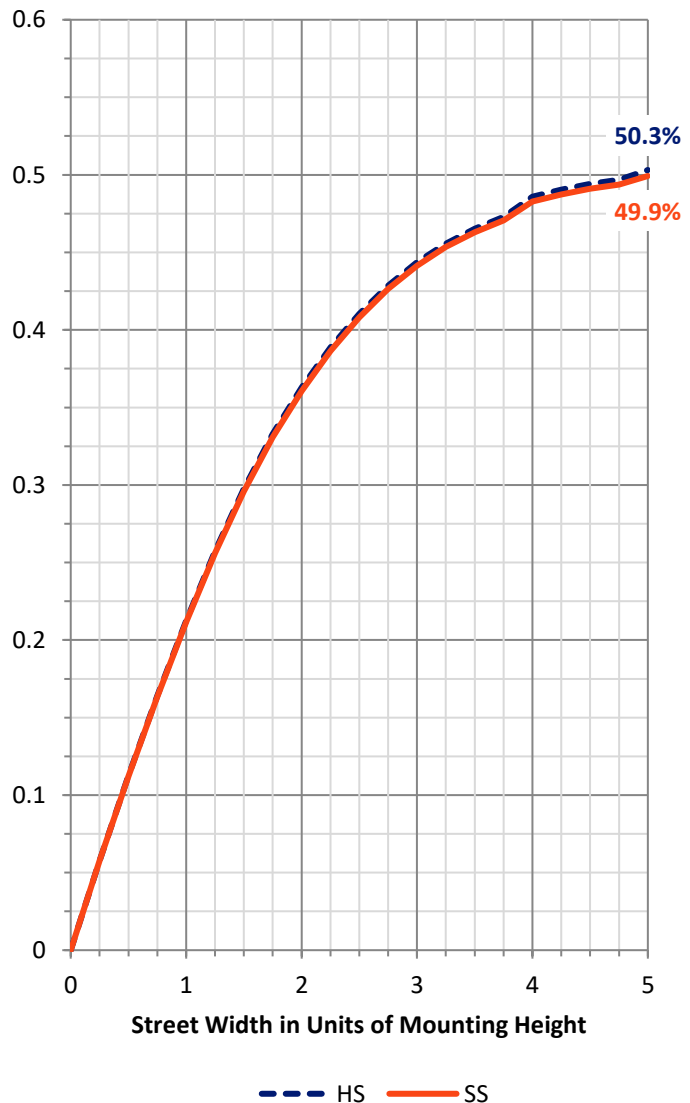
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1851.3	0.0	1851.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1851.3	0.0	1851.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	3702.7	0.0	3702.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.1	0.7
10°-20°	80.4	2.2
20°-30°	141.3	3.8
30°-40°	225.4	6.1
40°-50°	376.9	10.2
50°-60°	644.9	17.4
60°-70°	1064.6	28.8
70°-80°	1020.4	27.6
80°-90°	121.7	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°	3702.7	100.0
0°-180°	3702.7	100.0



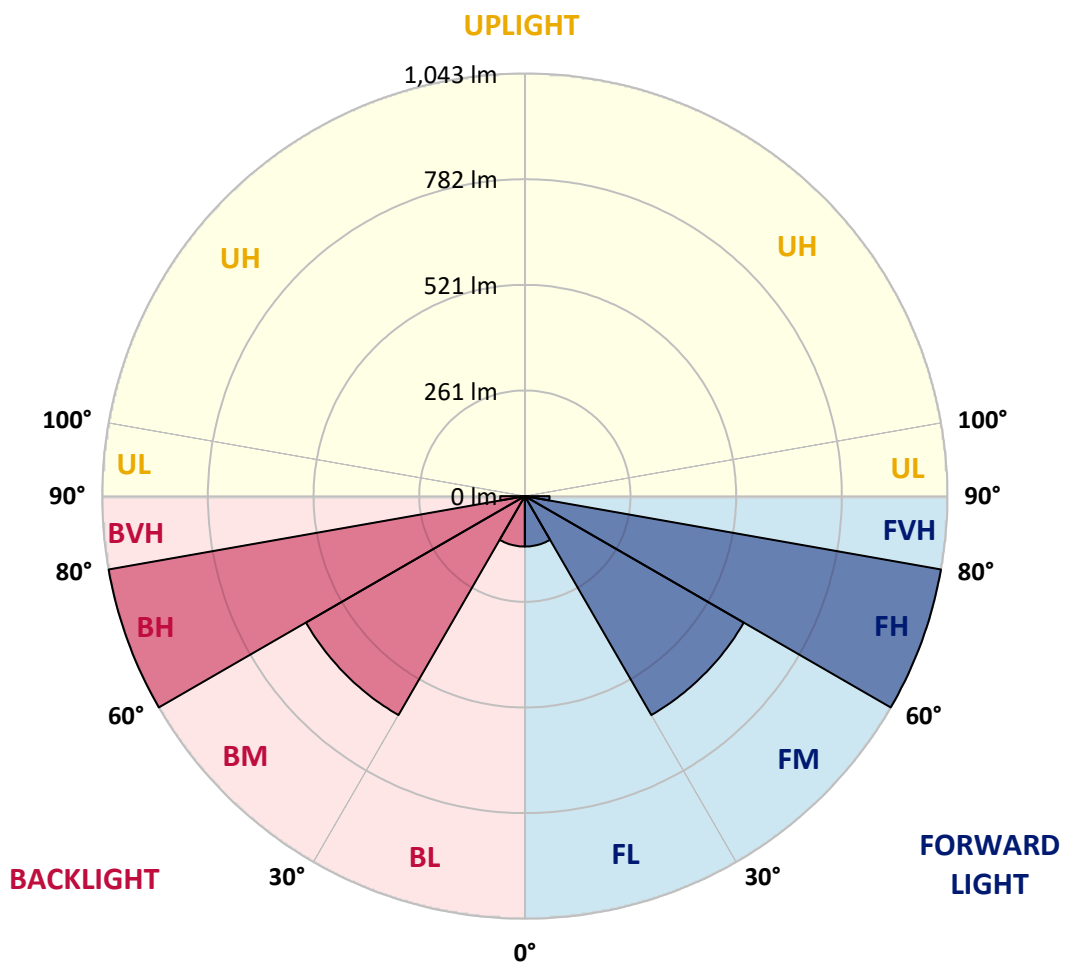
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	124.4	3.4			
FM (30°-60°)	623.6	16.8			
FH (60°-80°)	1042.5	28.2			G1/1800
FVH (80°-90°)	60.8	1.6			G1/100
BL (0°-30°)	124.4	3.4	B1/500		
BM (30°-60°)	623.6	16.8	B1/1000		
BH (60°-80°)	1042.5	28.2	B3/2500		G1/1800
BVH (80°-90°)	60.8	1.6			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°	288.3	288.3	288.3	288.3	288.3	288.3	288.3	288.3	288.3	288.3	288.3
2.5°	286.5	286.5	287.3	287.6	287.3	287.0	286.8	286.5	287.3	287.0	287.3
5°	285.7	285.7	286.0	286.3	285.7	285.5	285.0	284.7	285.2	285.2	285.7
7.5°	283.7	283.4	283.7	283.9	283.2	282.9	282.1	282.1	282.1	281.9	282.4
10°	281.9	281.4	281.4	280.8	279.5	279.8	278.8	279.5	280.8	281.1	281.4
12.5°	282.6	282.1	281.6	280.3	278.5	278.8	278.5	279.3	281.1	282.1	282.9
15°	286.3	285.7	284.5	282.1	281.1	281.1	280.6	280.8	283.4	285.0	285.7
17.5°	290.1	289.1	286.8	285.2	284.2	285.0	283.2	282.9	285.0	287.3	288.1
20°	293.2	292.5	289.6	287.8	287.8	288.6	286.8	285.7	288.1	290.9	291.7
22.5°	298.7	298.1	295.3	293.5	293.5	293.8	292.7	291.9	294.5	297.4	298.1
25°	306.4	306.4	303.6	302.8	302.5	303.1	301.8	301.0	303.3	305.4	306.2
27.5°	315.5	314.7	312.4	311.8	312.9	314.7	312.4	310.3	312.1	313.9	314.2
30°	325.0	325.0	322.9	322.9	323.7	324.5	322.4	320.4	322.2	324.2	324.5
32.5°	338.5	337.7	336.9	337.2	336.9	335.9	334.8	334.6	336.1	337.4	337.9
35°	355.0	354.7	353.7	354.2	354.2	354.2	351.1	350.1	352.7	353.7	353.2
37.5°	380.6	380.3	377.7	376.2	374.4	373.6	369.7	369.5	375.7	378.8	378.2
40°	411.8	410.8	408.5	405.9	403.6	402.0	398.1	401.0	407.4	409.8	409.8
42.5°	445.9	444.6	442.1	440.8	439.2	437.7	432.5	433.8	441.5	443.9	441.3
45°	487.8	486.0	483.1	480.3	478.0	474.9	472.3	473.6	481.8	484.7	482.6
47.5°	532.2	531.7	529.4	527.1	525.0	522.9	519.6	521.9	529.1	528.6	524.5
50°	579.2	580.3	580.5	582.9	581.3	581.6	575.4	574.1	579.8	576.4	571.2
52.5°	629.9	631.4	636.9	641.5	650.0	651.1	643.3	635.0	634.0	625.2	619.8
55°	688.5	688.3	700.2	713.1	731.9	737.9	720.6	705.1	696.5	679.5	673.8
57.5°	754.9	754.2	772.2	795.0	829.1	843.8	812.0	782.6	761.9	741.5	735.5
60°	827.0	828.8	850.8	887.7	946.6	967.0	919.0	870.2	838.6	812.0	809.7
62.5°	911.2	911.5	937.3	987.5	1063.9	1096.7	1030.6	964.5	924.4	895.2	889.0
65°	1010.7	1012.5	1040.2	1090.8	1178.6	1219.2	1143.0	1062.4	1015.1	975.6	974.8
67.5°	1112.8	1111.7	1137.0	1190.8	1275.5	1313.0	1233.2	1143.2	1081.8	1032.4	1025.9
70°	1178.1	1183.8	1211.2	1262.6	1343.7	1380.2	1283.0	1174.5	1110.2	1065.0	1061.9
72.5°	1123.1	1133.7	1169.1	1254.3	1369.3	1412.5	1271.1	1142.2	1061.1	1015.6	1015.6
75°	911.8	929.3	978.7	1109.9	1280.9	1355.6	1176.8	999.6	881.5	833.0	833.0
77.5°	555.5	572.3	638.9	799.1	1034.5	1130.1	959.3	752.9	616.2	556.8	549.0
80°	184.7	195.6	260.9	406.1	635.0	752.1	642.8	427.6	275.9	210.3	209.3
82.5°	49.1	53.5	74.4	117.8	275.7	407.4	294.0	141.1	80.9	62.8	57.9
85°	17.1	18.3	31.5	39.3	70.0	134.9	81.9	51.2	39.3	23.8	22.2
87.5°	4.9	5.4	12.7	13.7	20.2	15.8	22.2	20.4	18.6	7.8	7.0
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)