

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: P672478

Luminaire Tested: **CCP-SA-1D-850-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672478
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1D-850-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5WQ
distribution lens
Light Source: (16) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

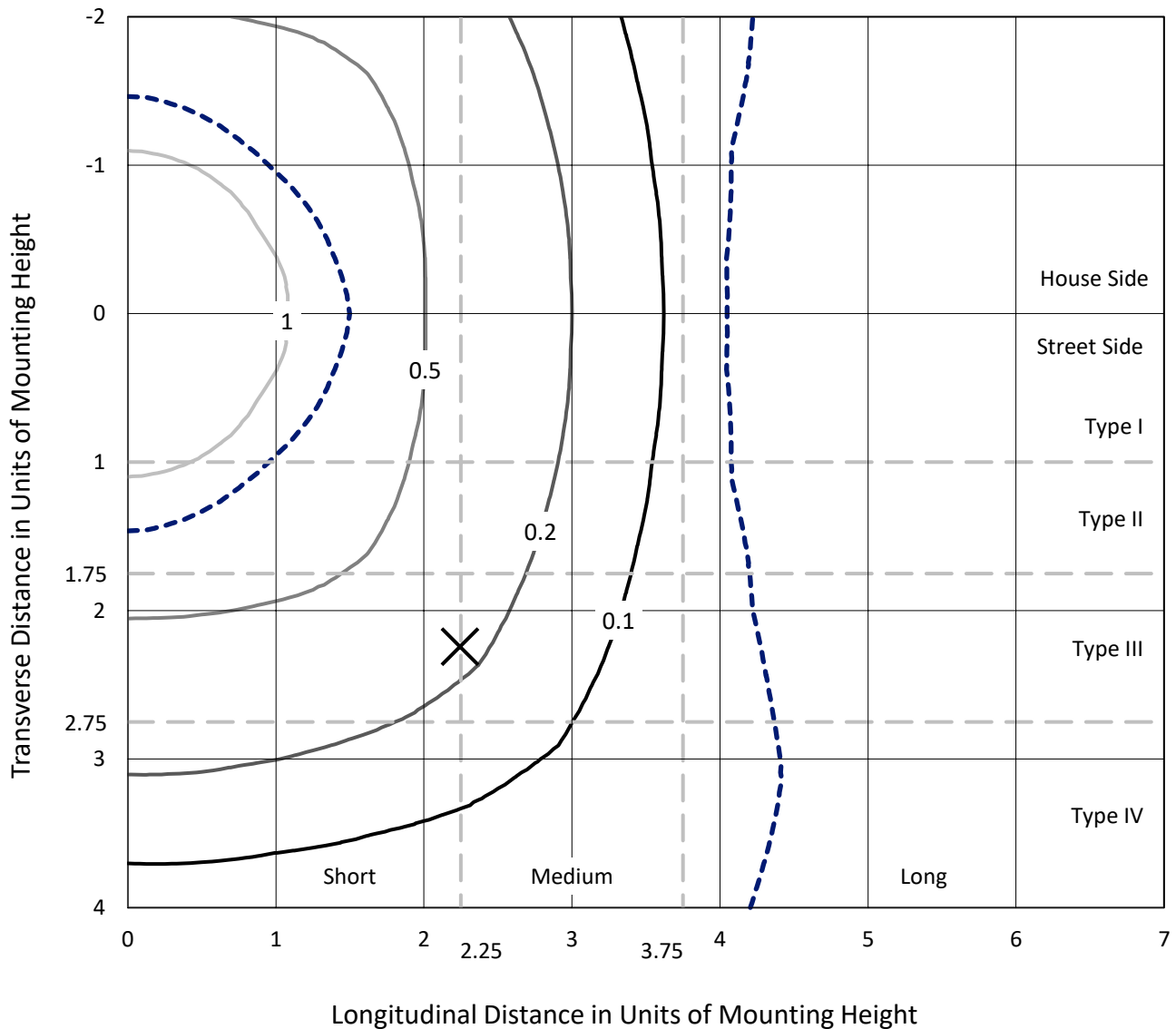
Lumens per Lamp: N/A
Luminaire Lumens: 5100.5 lumens
Efficiency: N/A
Efficacy: 115.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 44
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

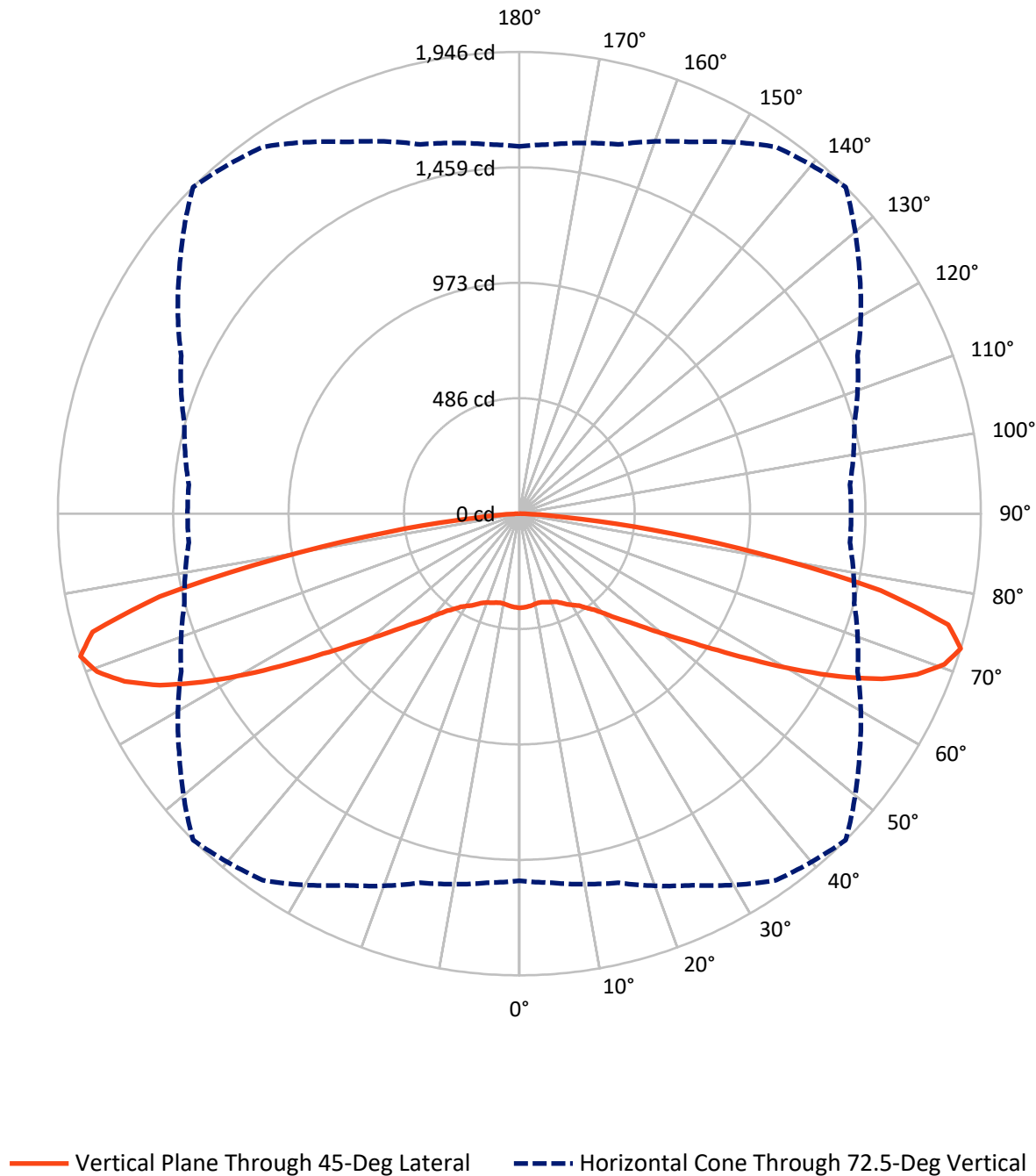
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.8 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2550.2	0.0	2550.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2550.2	0.0	2550.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	5100.5	0.0	5100.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.3	0.7
10°-20°	110.8	2.2
20°-30°	194.6	3.8
30°-40°	310.5	6.1
40°-50°	519.1	10.2
50°-60°	888.4	17.4
60°-70°	1466.6	28.8
70°-80°	1405.6	27.6
80°-90°	167.6	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°	5100.5	100.0
0°-180°	5100.5	100.0



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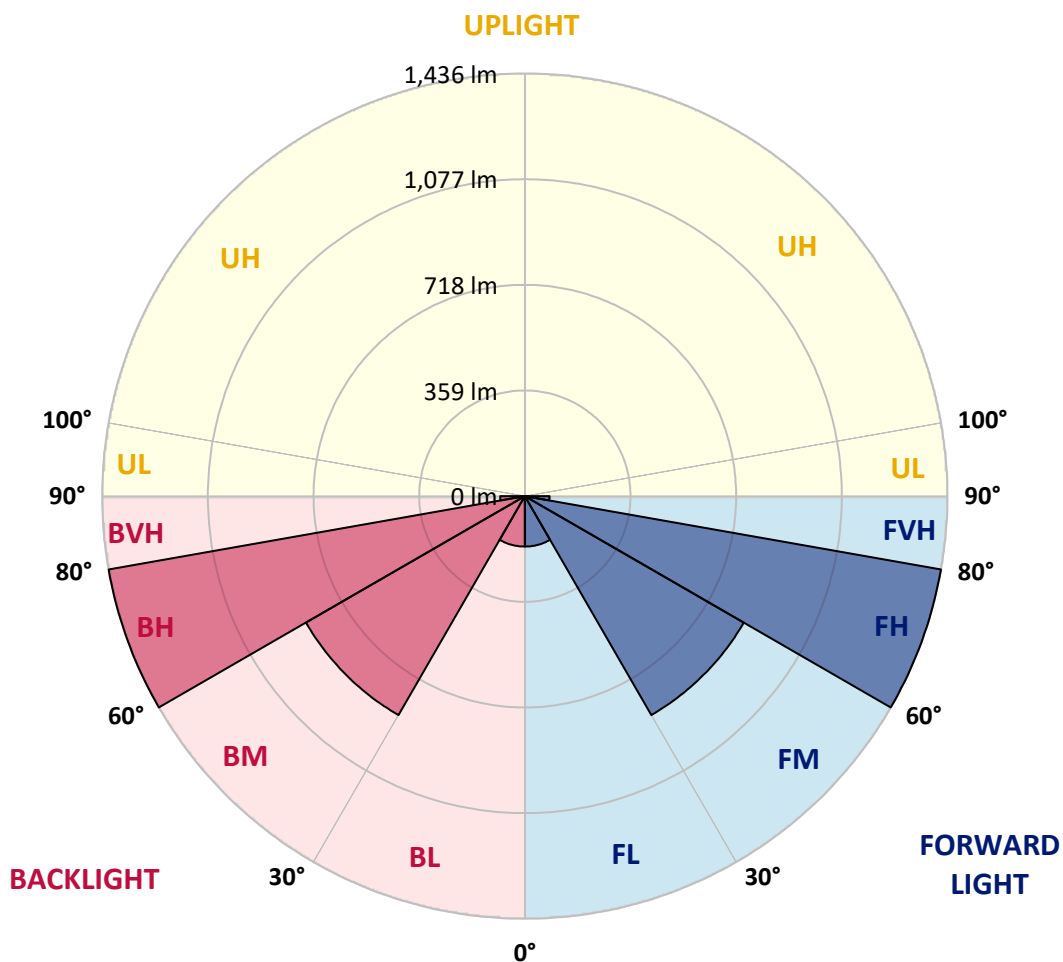
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	171.3	3.4			
FM	(30°-60°)	859.0	16.8			
FH	(60°-80°)	1436.1	28.2			G1/1800
FVH	(80°-90°)	83.8	1.6			G1/100
BL	(0°-30°)	171.3	3.4	B1/500		
BM	(30°-60°)	859.0	16.8	B1/1000		
BH	(60°-80°)	1436.1	28.2	B3/2500		G1/1800
BVH	(80°-90°)	83.8	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°	397.2	397.2	397.2	397.2	397.2	397.2	397.2	397.2	397.2	397.2	397.2
2.5°	394.7	394.7	395.8	396.1	395.8	395.4	395.0	394.7	395.8	395.4	395.8
5°	393.6	393.6	394.0	394.3	393.6	393.3	392.6	392.2	392.9	392.9	393.6
7.5°	390.8	390.4	390.8	391.1	390.1	389.7	388.6	388.6	388.6	388.3	389.0
10°	388.3	387.6	387.6	386.9	385.1	385.4	384.0	385.1	386.9	387.2	387.6
12.5°	389.4	388.6	387.9	386.2	383.7	384.0	383.7	384.7	387.2	388.6	389.7
15°	394.3	393.6	391.8	388.6	387.2	387.2	386.5	386.9	390.4	392.6	393.6
17.5°	399.7	398.3	395.0	392.9	391.5	392.6	390.1	389.7	392.6	395.8	396.8
20°	403.9	402.9	399.0	396.5	396.5	397.5	395.0	393.6	396.8	400.7	401.8
22.5°	411.4	410.7	406.8	404.3	404.3	404.7	403.2	402.2	405.7	409.6	410.7
25°	422.1	422.1	418.2	417.1	416.8	417.5	415.7	414.6	417.8	420.7	421.7
27.5°	434.6	433.5	430.3	429.6	431.0	433.5	430.3	427.4	429.9	432.4	432.8
30°	447.7	447.7	444.9	444.9	445.9	447.0	444.2	441.3	443.8	446.7	447.0
32.5°	466.2	465.2	464.1	464.4	464.1	462.7	461.2	460.9	463.0	464.8	465.5
35°	489.0	488.6	487.2	487.9	487.9	487.9	483.7	482.2	485.8	487.2	486.5
37.5°	524.2	523.9	520.3	518.2	515.7	514.6	509.3	508.9	517.5	521.7	521.0
40°	567.3	565.9	562.7	559.1	555.9	553.8	548.4	552.4	561.3	564.5	564.5
42.5°	614.3	612.5	608.9	607.2	605.0	602.9	595.8	597.6	608.2	611.4	607.9
45°	671.9	669.4	665.5	661.6	658.4	654.1	650.6	652.4	663.8	667.7	664.8
47.5°	733.2	732.4	729.2	726.0	723.2	720.3	715.7	718.9	728.9	728.2	722.5
50°	797.9	799.3	799.7	802.9	800.8	801.1	792.6	790.8	798.6	794.0	786.9
52.5°	867.7	869.8	877.3	883.7	895.4	896.9	886.2	874.8	873.4	861.3	853.8
55°	948.5	948.1	964.5	982.3	1008.3	1016.4	992.6	971.2	959.5	936.0	928.2
57.5°	1039.9	1038.9	1063.8	1095.1	1142.1	1162.4	1118.6	1078.0	1049.5	1021.4	1013.2
60°	1139.2	1141.7	1172.0	1222.9	1304.0	1332.1	1265.9	1198.7	1155.2	1118.6	1115.4
62.5°	1255.3	1255.6	1291.2	1360.2	1465.6	1510.8	1419.7	1328.6	1273.4	1233.2	1224.6
65°	1392.3	1394.8	1432.8	1502.6	1623.6	1679.5	1574.5	1463.5	1398.3	1343.9	1342.8
67.5°	1532.9	1531.4	1566.3	1640.3	1757.1	1808.7	1698.7	1574.9	1490.1	1422.2	1413.3
70°	1622.9	1630.7	1668.5	1739.3	1851.0	1901.2	1767.4	1617.9	1529.3	1467.0	1462.7
72.5°	1547.1	1561.7	1610.4	1727.9	1886.3	1945.7	1751.0	1573.4	1461.7	1399.0	1399.0
75°	1256.0	1280.2	1348.1	1528.9	1764.5	1867.4	1621.1	1377.0	1214.3	1147.4	1147.4
77.5°	765.2	788.3	880.1	1100.8	1425.0	1556.7	1321.5	1037.1	848.8	767.0	756.3
80°	254.5	269.4	359.5	559.5	874.8	1036.0	885.5	589.0	380.1	289.7	288.3
82.5°	67.6	73.7	102.5	162.3	379.7	561.3	405.0	194.3	111.4	86.5	79.7
85°	23.5	25.3	43.4	54.1	96.4	185.8	112.8	70.5	54.1	32.7	30.6
87.5°	6.8	7.5	17.4	18.9	27.8	21.7	30.6	28.1	25.6	10.7	9.6
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)