

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: P672479

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672479
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-850-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5WQ
distribution lens
Light Source: (16) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6253 lumens
Efficiency: N/A
Efficacy: 111.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 56.1
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

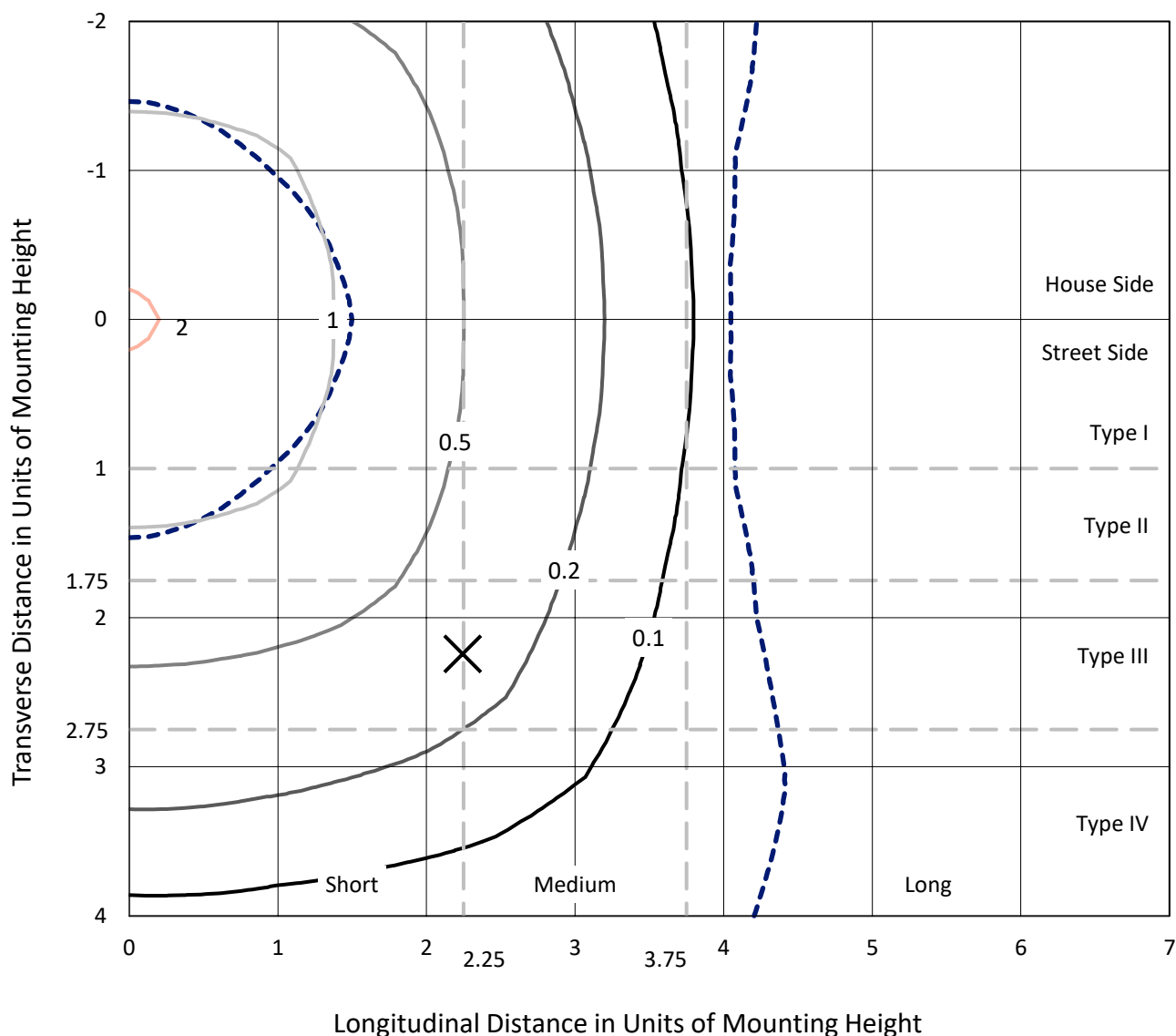
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

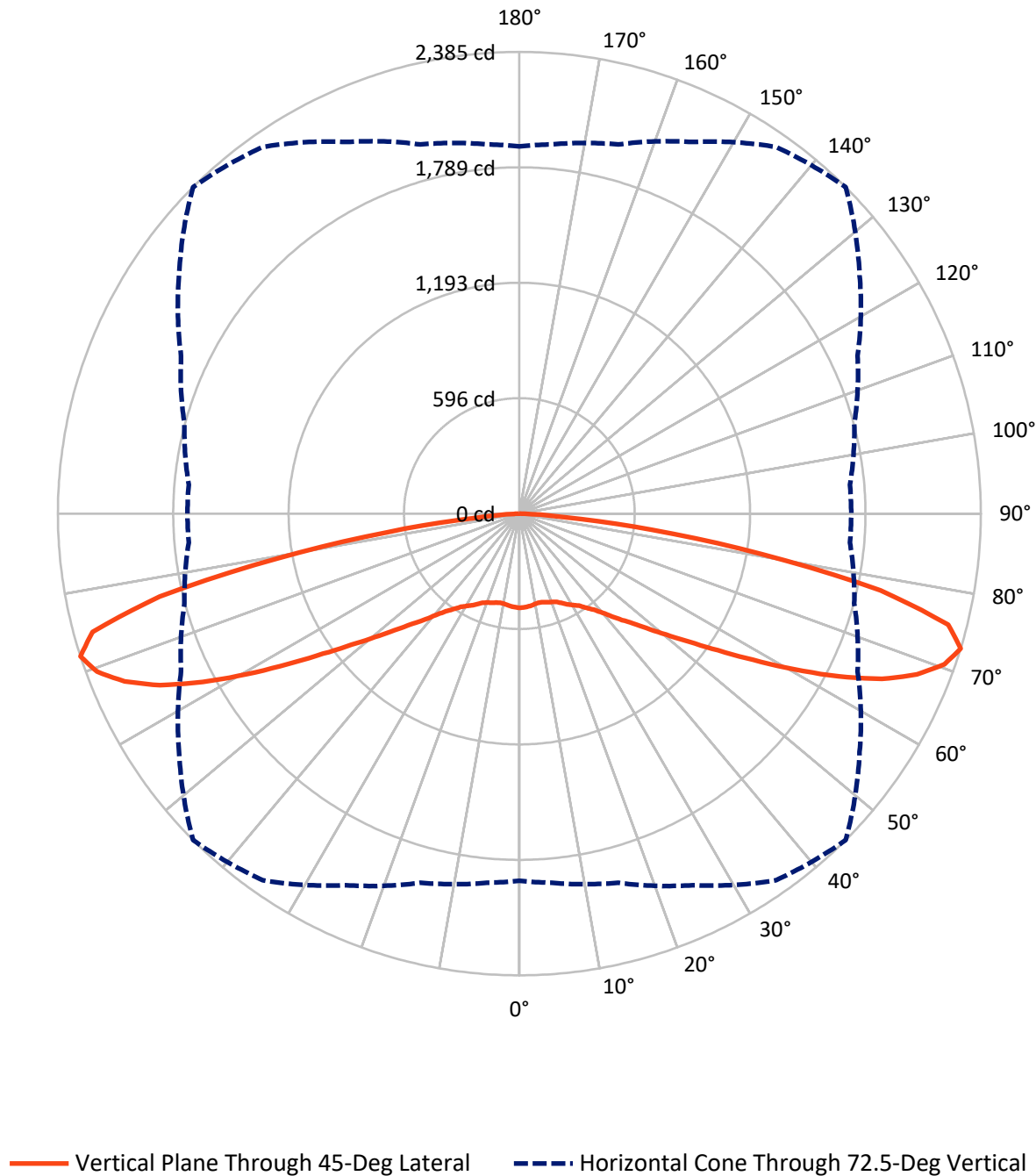


Based on 15 foot mounting height. Maximum calculated value = 2.2 fc

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	3126.5	0.0	3126.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3126.5	0.0	3126.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	6253.0	0.0	6253.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.7	0.7
10°-20°	135.8	2.2
20°-30°	238.6	3.8
30°-40°	380.6	6.1
40°-50°	636.4	10.2
50°-60°	1089.1	17.4
60°-70°	1798.0	28.8
70°-80°	1723.2	27.6
80°-90°	205.5	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°	6253.0	100.0
0°-180°	6253.0	100.0



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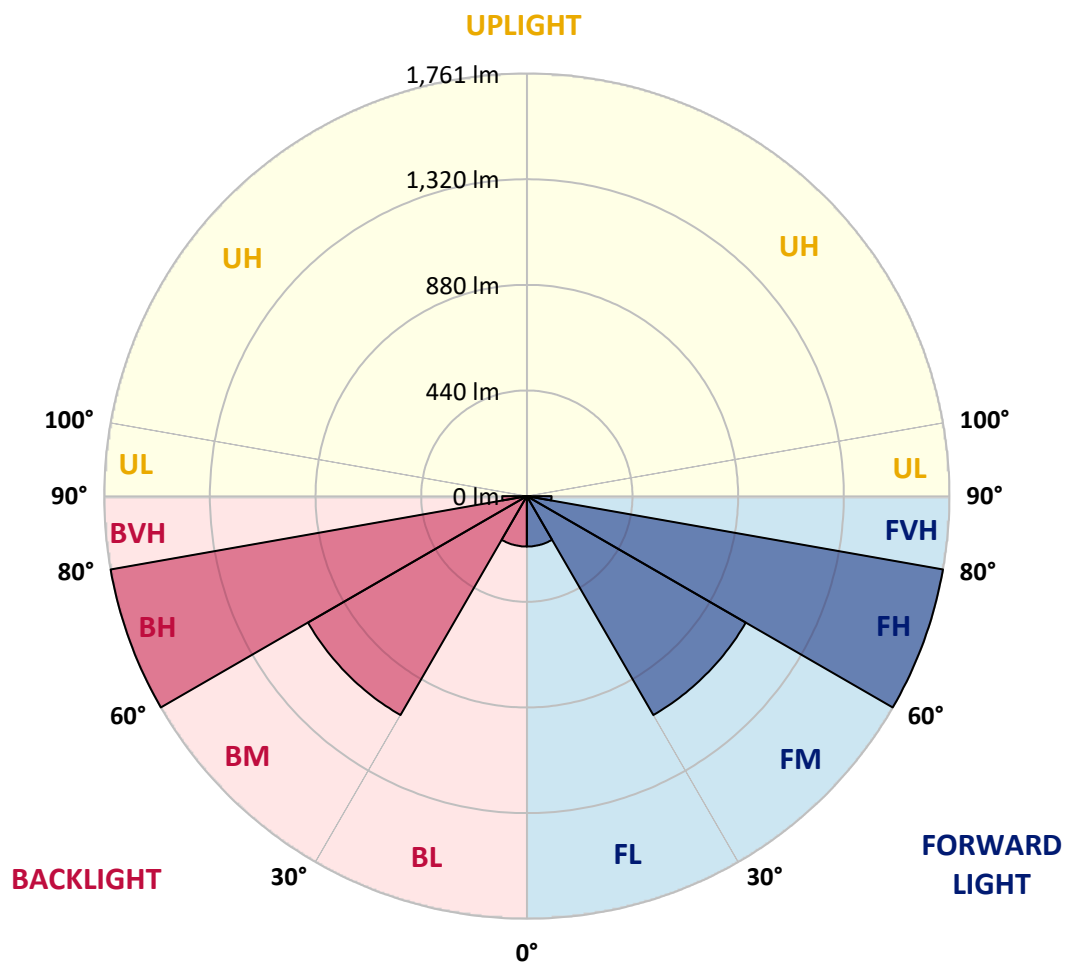
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	210.1	3.4			
FM	(30°-60°)	1053.1	16.8			
FH	(60°-80°)	1760.6	28.2			G1/1800
FVH	(80°-90°)	102.8	1.6			G2/225
BL	(0°-30°)	210.1	3.4	B1/500		
BM	(30°-60°)	1053.1	16.8	B2/2500		
BH	(60°-80°)	1760.6	28.2	B3/2500		G1/1800
BVH	(80°-90°)	102.8	1.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	486.9	486.9	486.9	486.9	486.9	486.9	486.9	486.9	486.9	486.9	486.9
2.5°	483.9	483.9	485.2	485.6	485.2	484.7	484.3	483.9	485.2	484.7	485.2
5°	482.6	482.6	483.0	483.4	482.6	482.1	481.3	480.8	481.7	481.7	482.6
7.5°	479.1	478.6	479.1	479.5	478.2	477.8	476.5	476.5	476.5	476.0	476.9
10°	476.0	475.1	475.1	474.3	472.1	472.5	470.8	472.1	474.3	474.7	475.1
12.5°	477.3	476.5	475.6	473.4	470.3	470.8	470.3	471.7	474.7	476.5	477.8
15°	483.4	482.6	480.4	476.5	474.7	474.7	473.8	474.3	478.6	481.3	482.6
17.5°	490.0	488.2	484.3	481.7	479.9	481.3	478.2	477.8	481.3	485.2	486.5
20°	495.2	493.9	489.1	486.1	486.1	487.4	484.3	482.6	486.5	491.3	492.6
22.5°	504.4	503.5	498.7	495.7	495.7	496.1	494.3	493.0	497.4	502.2	503.5
25°	517.5	517.5	512.7	511.4	510.9	511.8	509.6	508.3	512.2	515.7	517.0
27.5°	532.7	531.4	527.5	526.6	528.4	531.4	527.5	524.0	527.1	530.1	530.6
30°	548.9	548.9	545.4	545.4	546.7	548.0	544.5	541.0	544.1	547.6	548.0
32.5°	571.6	570.3	569.0	569.4	569.0	567.2	565.5	565.0	567.6	569.8	570.7
35°	599.5	599.1	597.3	598.2	598.2	598.2	593.0	591.2	595.6	597.3	596.4
37.5°	642.7	642.3	637.9	635.3	632.2	630.9	624.4	623.9	634.4	639.6	638.8
40°	695.5	693.7	689.8	685.5	681.5	678.9	672.4	677.2	688.1	692.0	692.0
42.5°	753.1	750.9	746.5	744.4	741.7	739.1	730.4	732.6	745.7	749.6	745.2
45°	823.8	820.7	815.9	811.1	807.2	802.0	797.6	799.8	813.7	818.5	815.0
47.5°	898.8	897.9	894.0	890.1	886.6	883.1	877.4	881.4	893.6	892.7	885.7
50°	978.2	980.0	980.4	984.3	981.7	982.1	971.7	969.5	979.1	973.4	964.7
52.5°	1063.7	1066.4	1075.5	1083.4	1097.8	1099.5	1086.4	1072.5	1070.7	1055.9	1046.7
55°	1162.8	1162.3	1182.4	1204.2	1236.1	1246.1	1216.9	1190.7	1176.3	1147.5	1137.9
57.5°	1274.9	1273.6	1304.2	1342.5	1400.1	1425.0	1371.3	1321.6	1286.7	1252.2	1242.2
60°	1396.6	1399.7	1436.8	1499.2	1598.7	1633.1	1552.0	1469.5	1416.3	1371.3	1367.4
62.5°	1538.9	1539.3	1583.0	1667.6	1796.8	1852.2	1740.5	1628.8	1561.1	1511.8	1501.4
65°	1706.9	1709.9	1756.6	1842.1	1990.5	2059.0	1930.3	1794.1	1714.3	1647.5	1646.2
67.5°	1879.2	1877.5	1920.2	2011.0	2154.1	2217.4	2082.5	1930.7	1826.9	1743.5	1732.6
70°	1989.6	1999.2	2045.5	2132.3	2269.3	2330.8	2166.7	1983.5	1874.9	1798.5	1793.3
72.5°	1896.7	1914.6	1974.3	2118.3	2312.5	2385.3	2146.7	1929.0	1792.0	1715.2	1715.2
75°	1539.8	1569.4	1652.8	1874.4	2163.3	2289.4	1987.4	1688.1	1488.7	1406.7	1406.7
77.5°	938.1	966.4	1079.0	1349.5	1747.0	1908.4	1620.0	1271.4	1040.6	940.3	927.2
80°	312.0	330.3	440.7	685.9	1072.5	1270.1	1085.6	722.1	466.0	355.2	353.4
82.5°	82.9	90.3	125.7	199.0	465.5	688.1	496.5	238.2	136.6	106.0	97.7
85°	28.8	31.0	53.2	66.3	118.2	227.8	138.3	86.4	66.3	40.1	37.5
87.5°	8.3	9.2	21.4	23.1	34.0	26.6	37.5	34.5	31.4	13.1	11.8
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)