

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: P672471

Luminaire Tested: **CCP-SA-2B-840-U-5WQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672471
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-840-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5WQ distribution lens
Light Source: (32) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

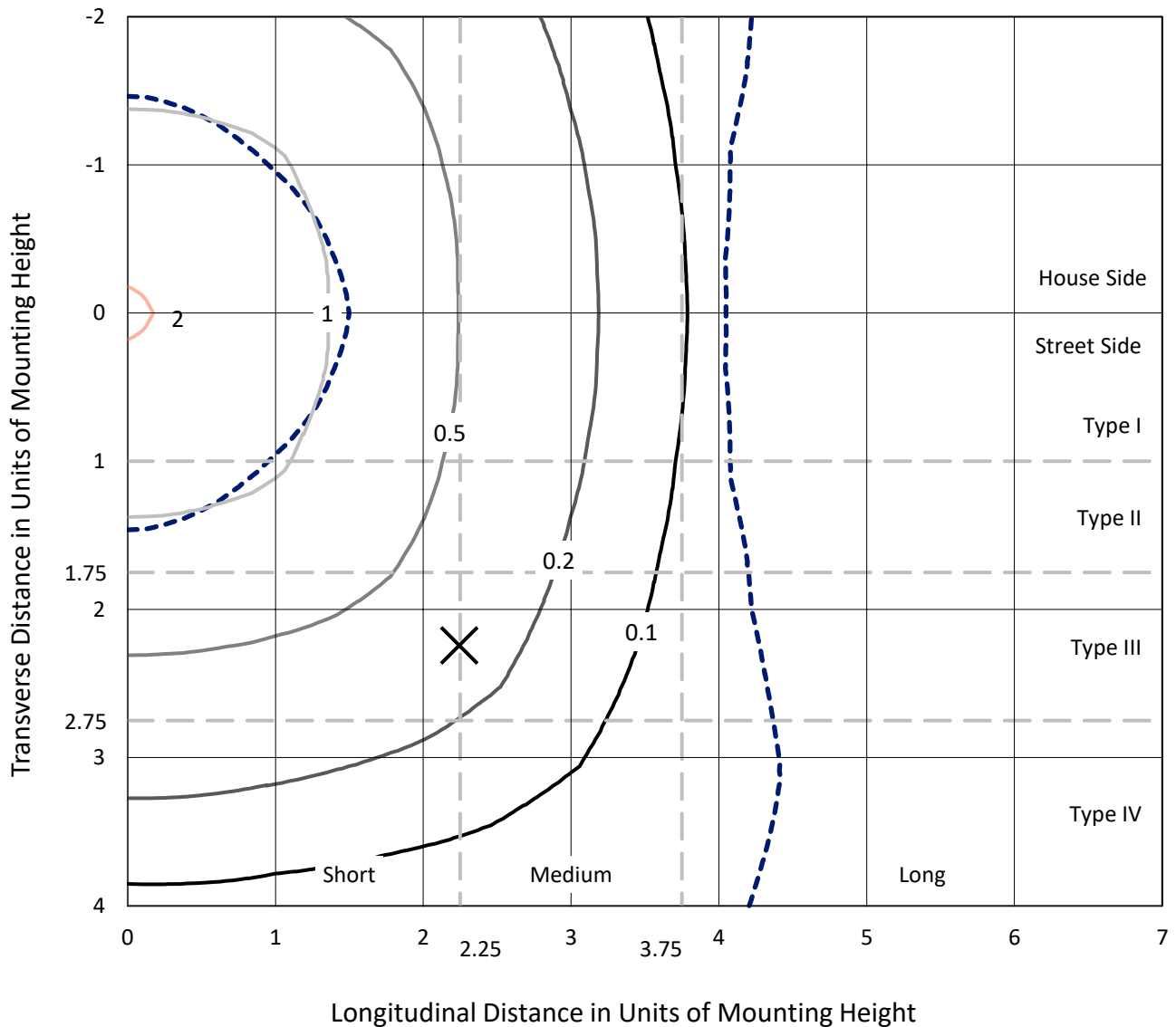
Lumens per Lamp: N/A
Luminaire Lumens: 6171.5 lumens
Efficiency: N/A
Efficacy: 134.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 46
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

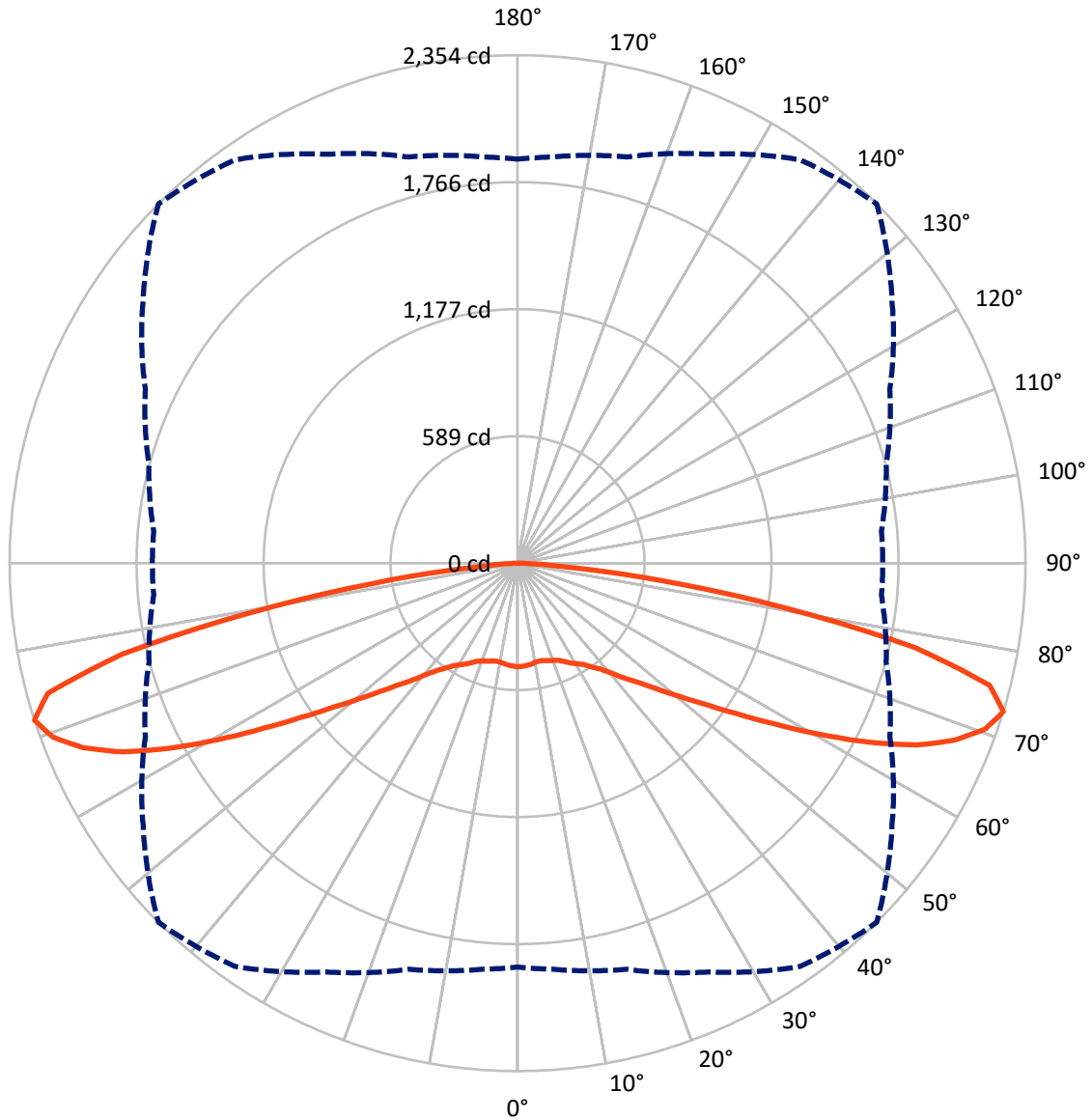
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.1 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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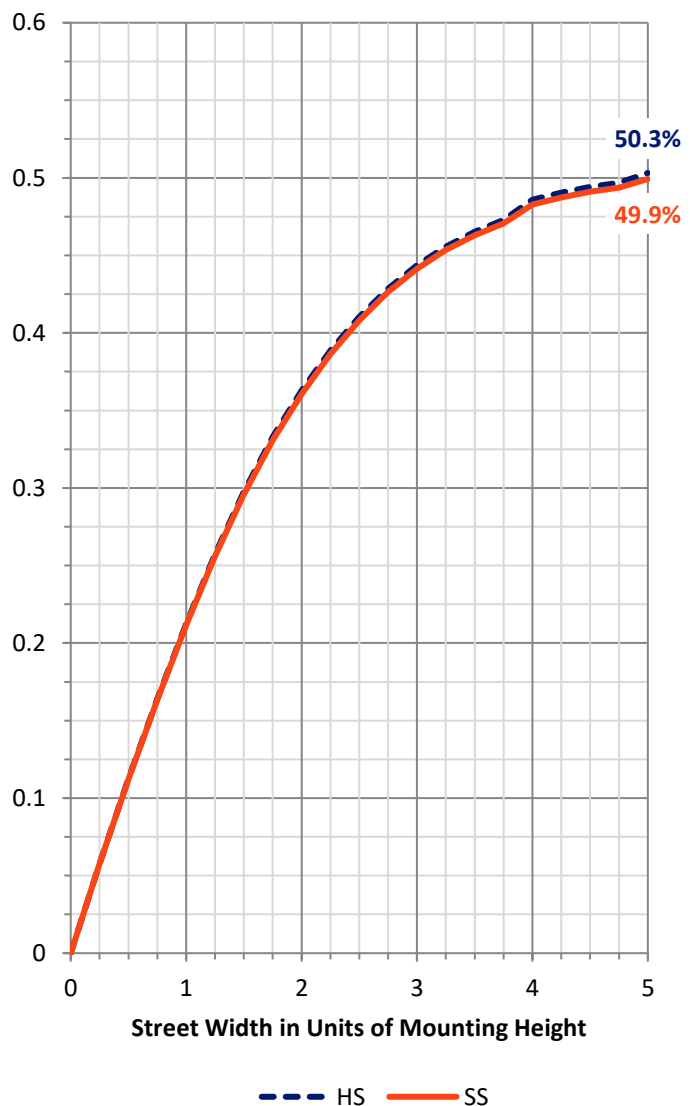
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3085.7	0.0	3085.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3085.7	0.0	3085.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	6171.5	0.0	6171.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.1	0.7
10°-20°	134.0	2.2
20°-30°	235.5	3.8
30°-40°	375.7	6.1
40°-50°	628.2	10.2
50°-60°	1074.9	17.4
60°-70°	1774.5	28.8
70°-80°	1700.8	27.6
80°-90°	202.8	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°	6171.5	100.0
0°-180°	6171.5	100.0



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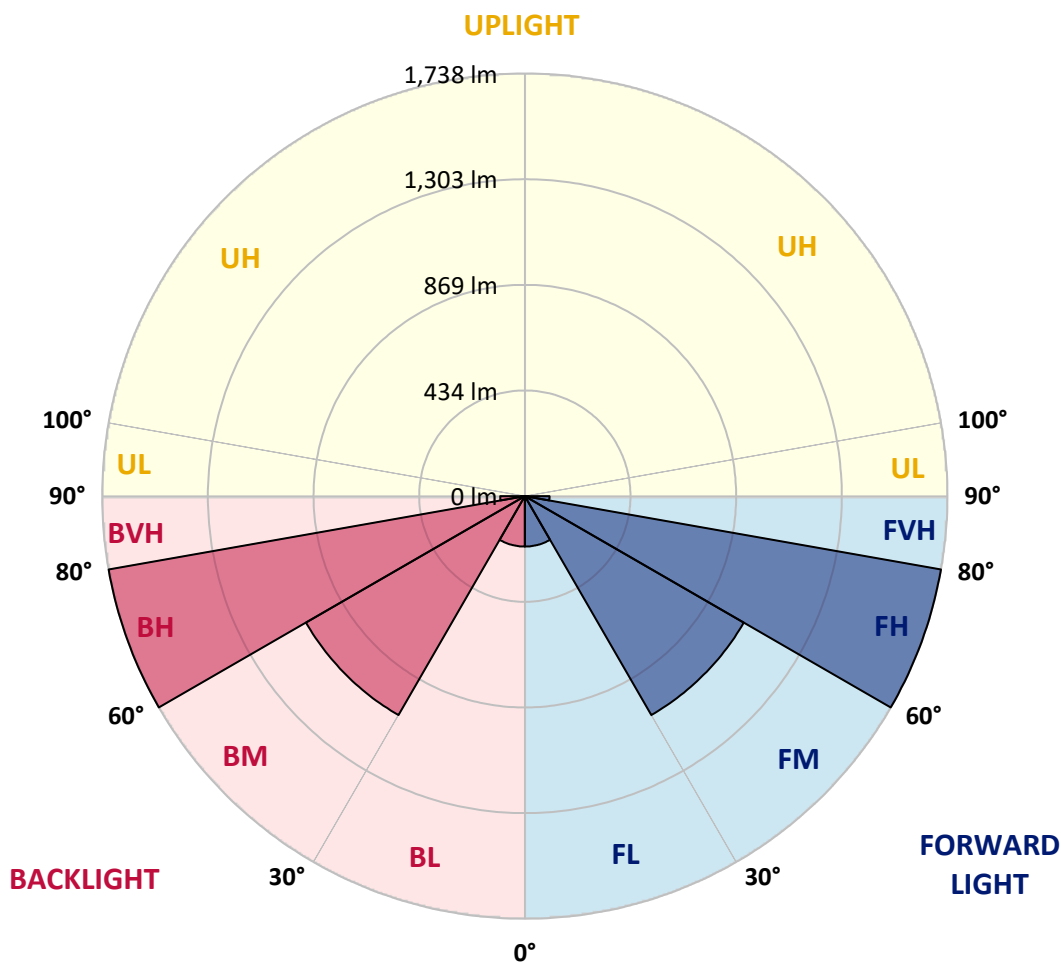
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	207.3	3.4			
FM (30°-60°)	1039.4	16.8			
FH (60°-80°)	1737.6	28.2			G1/1800
FVH (80°-90°)	101.4	1.6			G2/225
BL (0°-30°)	207.3	3.4	B1/500		
BM (30°-60°)	1039.4	16.8	B2/2500		
BH (60°-80°)	1737.6	28.2	B3/2500		G1/1800
BVH (80°-90°)	101.4	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°	480.6	480.6	480.6	480.6	480.6	480.6	480.6	480.6	480.6	480.6	480.6
2.5°	477.6	477.6	478.9	479.3	478.9	478.4	478.0	477.6	478.9	478.4	478.9
5°	476.3	476.3	476.7	477.1	476.3	475.8	475.0	474.6	475.4	475.4	476.3
7.5°	472.8	472.4	472.8	473.3	472.0	471.5	470.2	470.2	470.2	469.8	470.7
10°	469.8	469.0	469.0	468.1	465.9	466.4	464.6	465.9	468.1	468.5	469.0
12.5°	471.1	470.2	469.4	467.2	464.2	464.6	464.2	465.5	468.5	470.2	471.5
15°	477.1	476.3	474.1	470.2	468.5	468.5	467.7	468.1	472.4	475.0	476.3
17.5°	483.6	481.9	478.0	475.4	473.7	475.0	472.0	471.5	475.0	478.9	480.2
20°	488.8	487.5	482.7	479.7	479.7	481.0	478.0	476.3	480.2	484.9	486.2
22.5°	497.8	496.9	492.2	489.2	489.2	489.6	487.9	486.6	490.9	495.7	496.9
25°	510.7	510.7	506.0	504.7	504.3	505.1	503.0	501.7	505.6	509.0	510.3
27.5°	525.8	524.5	520.6	519.8	521.5	524.5	520.6	517.2	520.2	523.2	523.6
30°	541.7	541.7	538.3	538.3	539.6	540.9	537.4	534.0	537.0	540.4	540.9
32.5°	564.1	562.8	561.5	562.0	561.5	559.8	558.1	557.7	560.2	562.4	563.3
35°	591.7	591.3	589.5	590.4	590.4	590.4	585.2	583.5	587.8	589.5	588.7
37.5°	634.3	633.9	629.6	627.0	624.0	622.7	616.2	615.8	626.1	631.3	630.4
40°	686.4	684.7	680.8	676.5	672.6	670.1	663.6	668.3	679.1	683.0	683.0
42.5°	743.3	741.1	736.8	734.7	732.1	729.5	720.9	723.0	735.9	739.8	735.5
45°	813.0	810.0	805.3	800.5	796.7	791.5	787.2	789.3	803.1	807.9	804.4
47.5°	887.1	886.2	882.4	878.5	875.0	871.6	866.0	869.9	881.9	881.1	874.2
50°	965.5	967.2	967.6	971.5	968.9	969.3	959.0	956.9	966.3	960.7	952.1
52.5°	1049.9	1052.5	1061.5	1069.3	1083.5	1085.2	1072.3	1058.5	1056.8	1042.1	1033.1
55°	1147.6	1147.2	1167.0	1188.5	1220.0	1229.9	1201.0	1175.2	1161.0	1132.6	1123.1
57.5°	1258.3	1257.0	1287.2	1325.0	1381.9	1406.4	1353.5	1304.4	1269.9	1235.9	1226.0
60°	1378.4	1381.5	1418.1	1479.6	1577.8	1611.8	1531.7	1450.4	1397.8	1353.5	1349.6
62.5°	1518.8	1519.3	1562.3	1645.9	1773.3	1828.0	1717.8	1607.5	1540.8	1492.1	1481.8
65°	1684.6	1687.6	1733.7	1818.1	1964.5	2032.1	1905.1	1770.7	1691.9	1626.1	1624.8
67.5°	1854.7	1853.0	1895.2	1984.8	2126.0	2188.5	2055.4	1905.5	1803.0	1720.8	1710.0
70°	1963.7	1973.1	2018.8	2104.5	2239.7	2300.4	2138.5	1957.6	1850.4	1775.1	1769.9
72.5°	1871.9	1889.6	1948.6	2090.7	2282.3	2354.3	2118.7	1903.8	1768.6	1692.8	1692.8
75°	1519.7	1549.0	1631.2	1850.0	2135.1	2259.5	1961.5	1666.1	1469.3	1388.3	1388.3
77.5°	925.9	953.8	1064.9	1331.9	1724.2	1883.6	1598.9	1254.9	1027.1	928.0	915.1
80°	307.9	326.0	434.9	676.9	1058.5	1253.6	1071.4	712.7	459.9	350.5	348.8
82.5°	81.8	89.1	124.0	196.4	459.5	679.1	490.1	235.1	134.8	104.6	96.5
85°	28.4	30.6	52.5	65.5	116.7	224.8	136.5	85.3	65.5	39.6	37.0
87.5°	8.2	9.0	21.1	22.8	33.6	26.3	37.0	34.0	31.0	12.9	11.6
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)