

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: P672368

Luminaire Tested: **CCP-SA-1D-727-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672368
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1D-727-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5WQ
distribution lens
Light Source: (16) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4888.3 lumens
Efficiency: N/A
Efficacy: 111.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

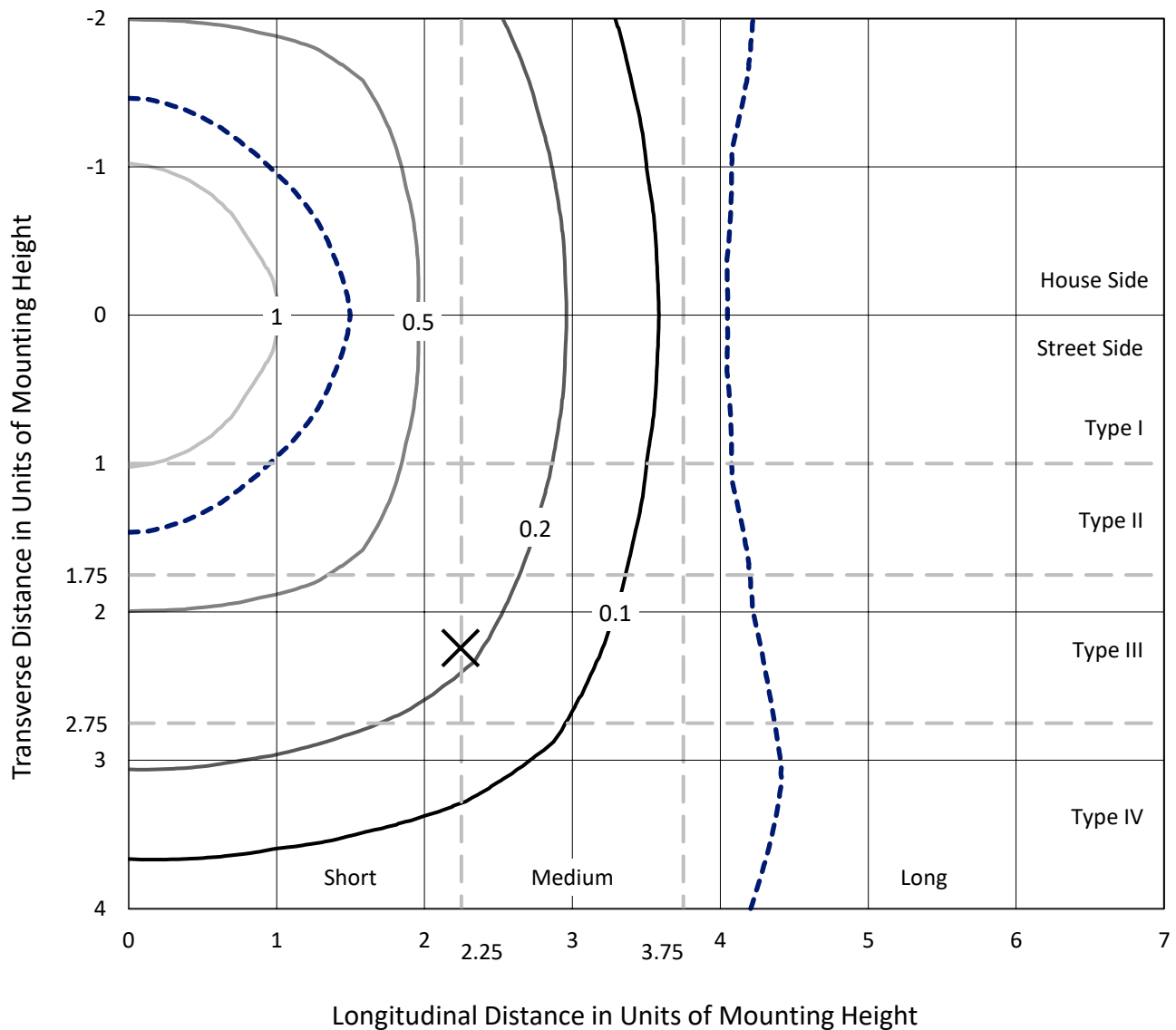
Input Watts (W): 44
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

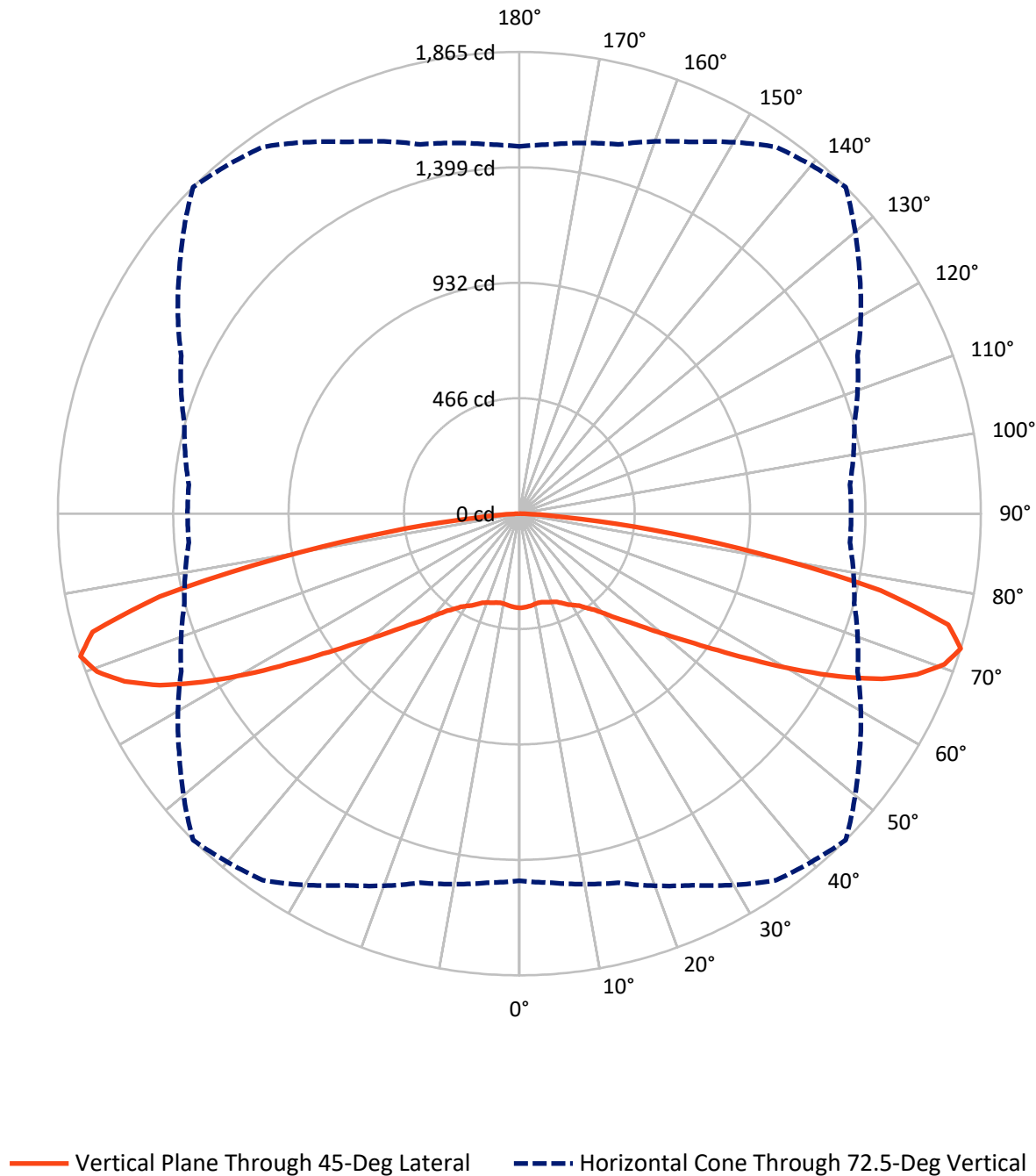
✕ Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.7 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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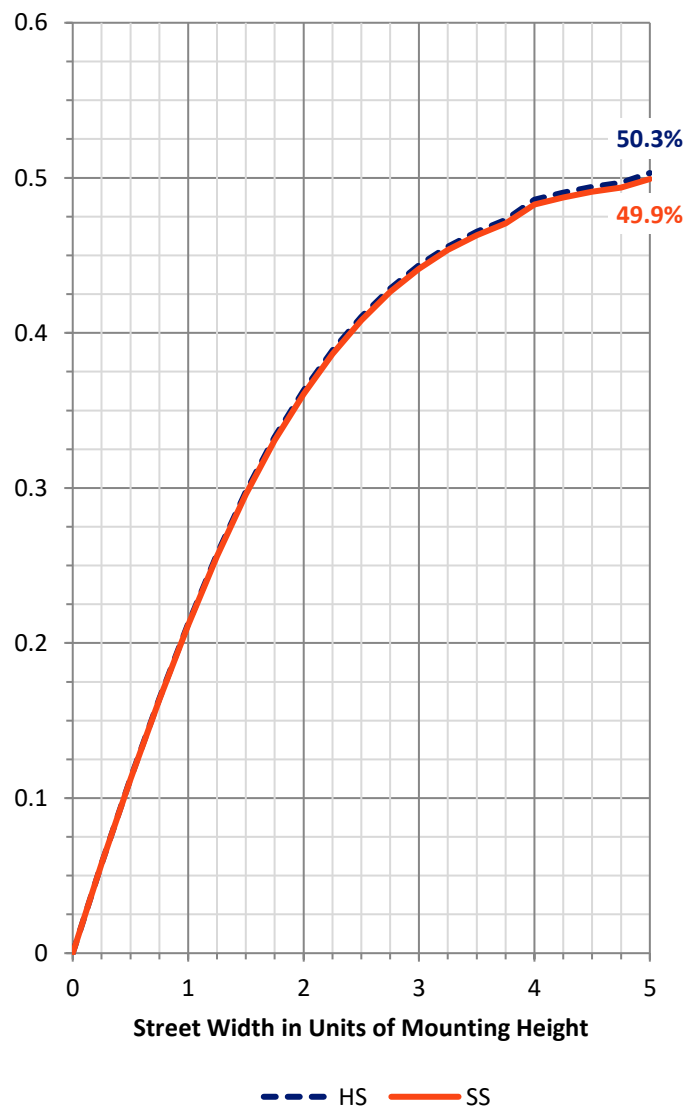
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2444.1	0.0	2444.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2444.1	0.0	2444.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	4888.3	0.0	4888.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.7	0.7
10°-20°	106.2	2.2
20°-30°	186.5	3.8
30°-40°	297.6	6.1
40°-50°	497.5	10.2
50°-60°	851.4	17.4
60°-70°	1405.6	28.8
70°-80°	1347.1	27.6
80°-90°	160.6	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°	4888.3	100.0
0°-180°	4888.3	100.0

Coefficient of Utilization



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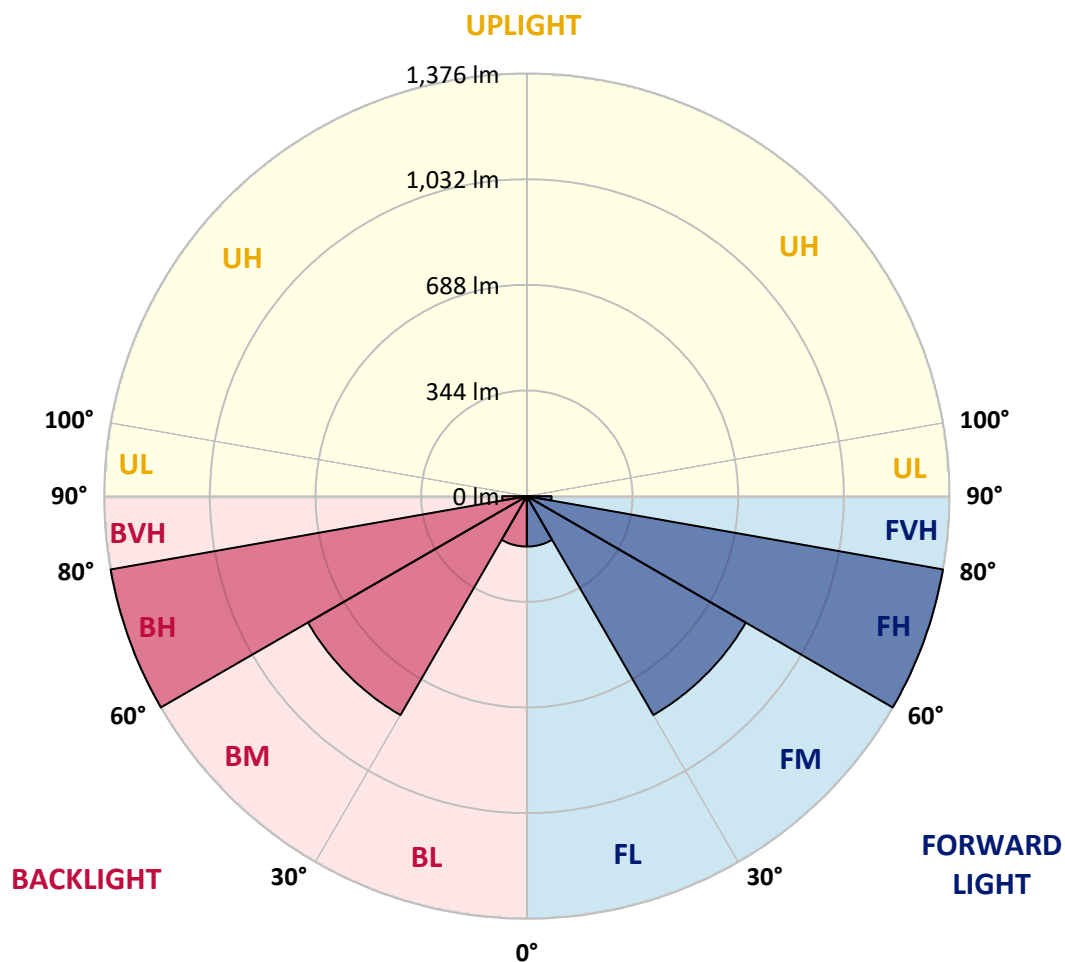
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	164.2	3.4			
FM	(30°-60°)	823.3	16.8			
FH	(60°-80°)	1376.4	28.2			G1/1800
FVH	(80°-90°)	80.3	1.6			G1/100
BL	(0°-30°)	164.2	3.4	B1/500		
BM	(30°-60°)	823.3	16.8	B1/1000		
BH	(60°-80°)	1376.4	28.2	B3/2500		G1/1800
BVH	(80°-90°)	80.3	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°	380.7	380.7	380.7	380.7	380.7	380.7	380.7	380.7	380.7	380.7	380.7
2.5°	378.3	378.3	379.3	379.6	379.3	379.0	378.6	378.3	379.3	379.0	379.3
5°	377.2	377.2	377.6	377.9	377.2	376.9	376.2	375.9	376.6	376.6	377.2
7.5°	374.5	374.2	374.5	374.9	373.8	373.5	372.5	372.5	372.5	372.1	372.8
10°	372.1	371.5	371.5	370.8	369.1	369.4	368.0	369.1	370.8	371.1	371.5
12.5°	373.2	372.5	371.8	370.1	367.7	368.0	367.7	368.7	371.1	372.5	373.5
15°	377.9	377.2	375.5	372.5	371.1	371.1	370.4	370.8	374.2	376.2	377.2
17.5°	383.0	381.7	378.6	376.6	375.2	376.2	373.8	373.5	376.2	379.3	380.3
20°	387.1	386.1	382.4	380.0	380.0	381.0	378.6	377.2	380.3	384.1	385.1
22.5°	394.3	393.6	389.9	387.5	387.5	387.8	386.5	385.4	388.8	392.6	393.6
25°	404.5	404.5	400.8	399.8	399.4	400.1	398.4	397.4	400.4	403.2	404.2
27.5°	416.5	415.5	412.4	411.7	413.1	415.5	412.4	409.7	412.0	414.4	414.8
30°	429.1	429.1	426.4	426.4	427.4	428.4	425.7	423.0	425.3	428.1	428.4
32.5°	446.8	445.8	444.8	445.1	444.8	443.4	442.1	441.7	443.8	445.5	446.2
35°	468.7	468.3	467.0	467.6	467.6	467.6	463.5	462.2	465.6	467.0	466.3
37.5°	502.4	502.1	498.7	496.6	494.2	493.2	488.1	487.8	495.9	500.0	499.4
40°	543.7	542.3	539.3	535.9	532.8	530.7	525.6	529.4	537.9	541.0	541.0
42.5°	588.7	587.0	583.6	581.9	579.9	577.8	571.0	572.7	582.9	586.0	582.6
45°	644.0	641.6	637.8	634.1	631.0	626.9	623.5	625.2	636.1	639.9	637.2
47.5°	702.7	702.0	698.9	695.8	693.1	690.4	685.9	689.0	698.6	697.9	692.4
50°	764.7	766.1	766.4	769.5	767.5	767.8	759.6	757.9	765.4	761.0	754.2
52.5°	831.6	833.6	840.8	846.9	858.2	859.6	849.3	838.4	837.0	825.4	818.3
55°	909.0	908.7	924.4	941.4	966.3	974.2	951.3	930.8	919.6	897.1	889.6
57.5°	996.7	995.7	1019.5	1049.5	1094.6	1114.0	1072.1	1033.2	1005.9	978.9	971.1
60°	1091.8	1094.2	1123.2	1172.0	1249.8	1276.7	1213.3	1148.8	1107.2	1072.1	1069.0
62.5°	1203.0	1203.4	1237.5	1303.7	1404.6	1447.9	1360.6	1273.3	1220.4	1181.9	1173.7
65°	1334.4	1336.7	1373.2	1440.1	1556.1	1609.6	1509.0	1402.6	1340.2	1288.0	1286.9
67.5°	1469.1	1467.7	1501.2	1572.1	1684.0	1733.4	1628.0	1509.3	1428.2	1363.0	1354.5
70°	1555.4	1562.9	1599.0	1666.9	1774.0	1822.1	1693.9	1550.6	1465.7	1406.0	1401.9
72.5°	1482.7	1496.7	1543.4	1656.0	1807.8	1864.8	1678.2	1508.0	1400.9	1340.8	1340.8
75°	1203.7	1226.9	1292.1	1465.3	1691.1	1789.7	1553.7	1319.7	1163.8	1099.7	1099.7
77.5°	733.4	755.5	843.5	1055.0	1365.7	1491.9	1266.5	993.9	813.5	735.1	724.8
80°	243.9	258.2	344.5	536.2	838.4	992.9	848.6	564.5	364.3	277.7	276.3
82.5°	64.8	70.6	98.2	155.5	363.9	537.9	388.2	186.2	106.8	82.9	76.4
85°	22.5	24.2	41.6	51.8	92.4	178.1	108.1	67.5	51.8	31.4	29.3
87.5°	6.5	7.2	16.7	18.1	26.6	20.8	29.3	26.9	24.6	10.2	9.2
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)