

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: P672556

Luminaire Tested: **CCP-SA-1D-750-U-5MQ**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672556  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-1D-750-U-5MQ  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5MQ  
distribution lens  
Light Source: (16) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

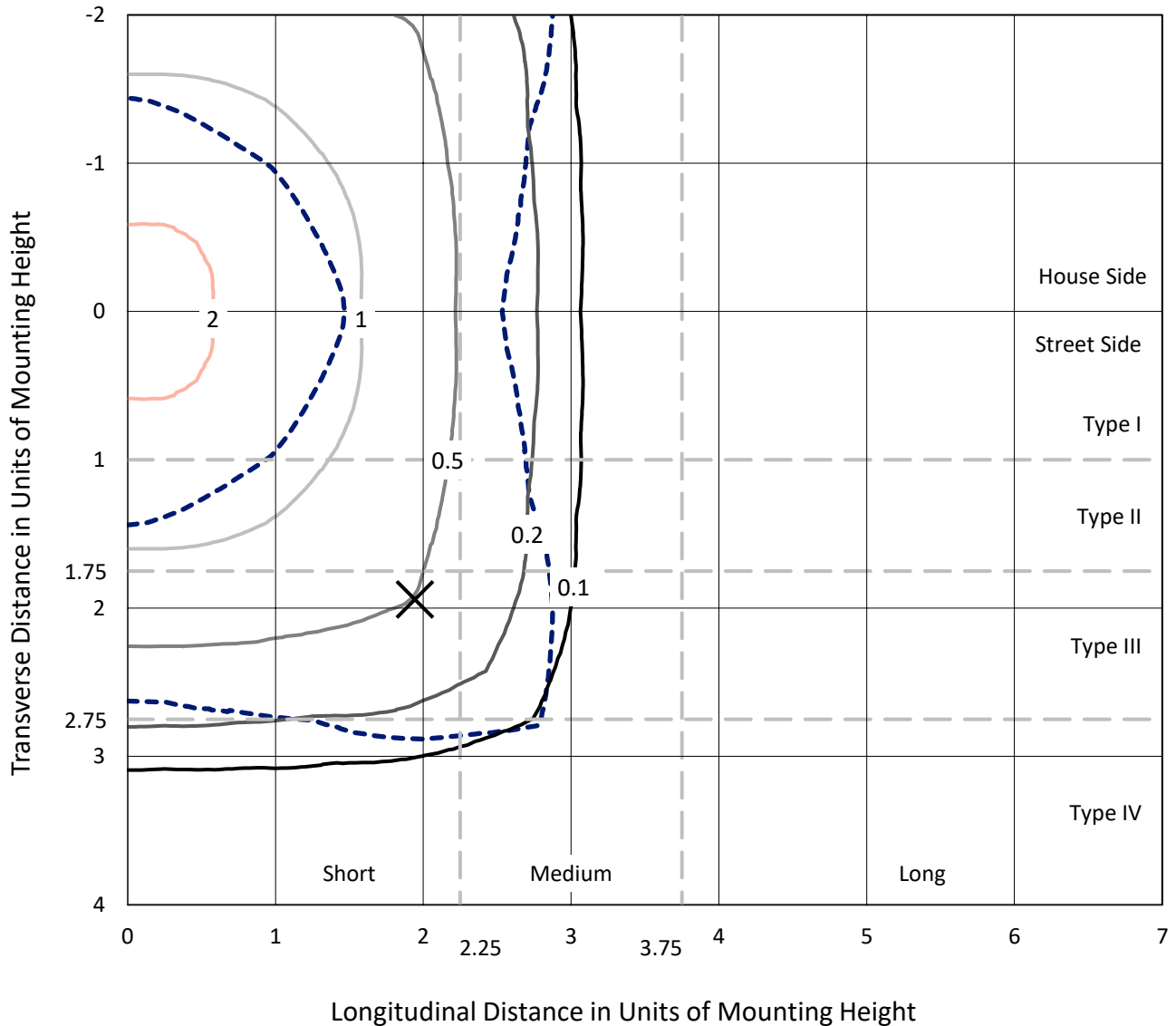
Lumens per Lamp: N/A  
Luminaire Lumens: 5888.5 lumens  
Efficiency: N/A  
Efficacy: 133.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G1

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

REPORT NUMBER: P672556  
 CATALOG NUMBER: CCP-SA-1D-750-U-5MQ

### Iso-Footcandle Lines of Horizontal Illumination

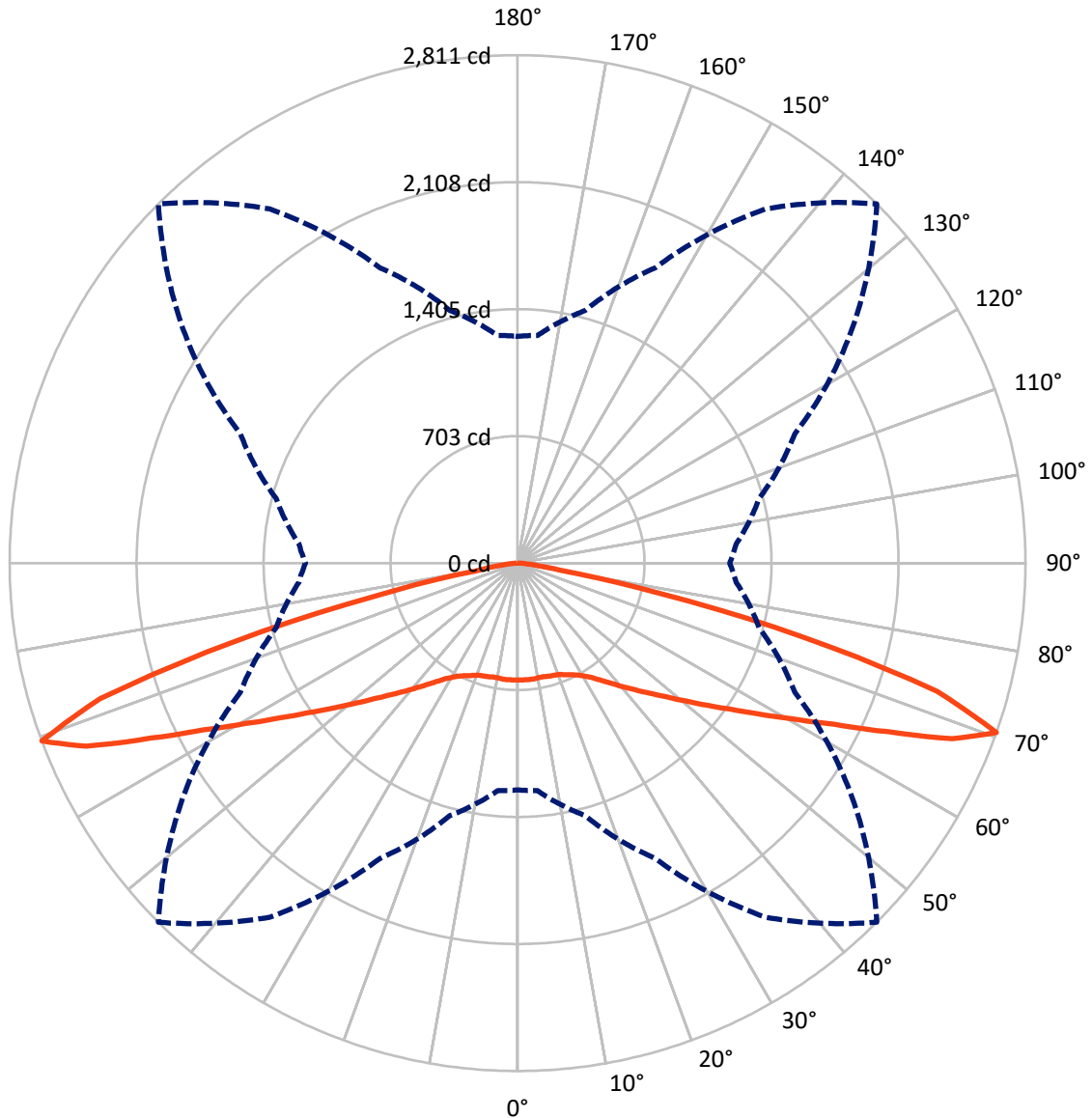
✕ Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.9 fc  
 Type V - Short - N/A

REPORT NUMBER: P672556  
CATALOG NUMBER: CCP-SA-1D-750-U-5MQ

### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 70-Deg Vertical

REPORT NUMBER: P672556  
 CATALOG NUMBER: CCP-SA-1D-750-U-5MQ

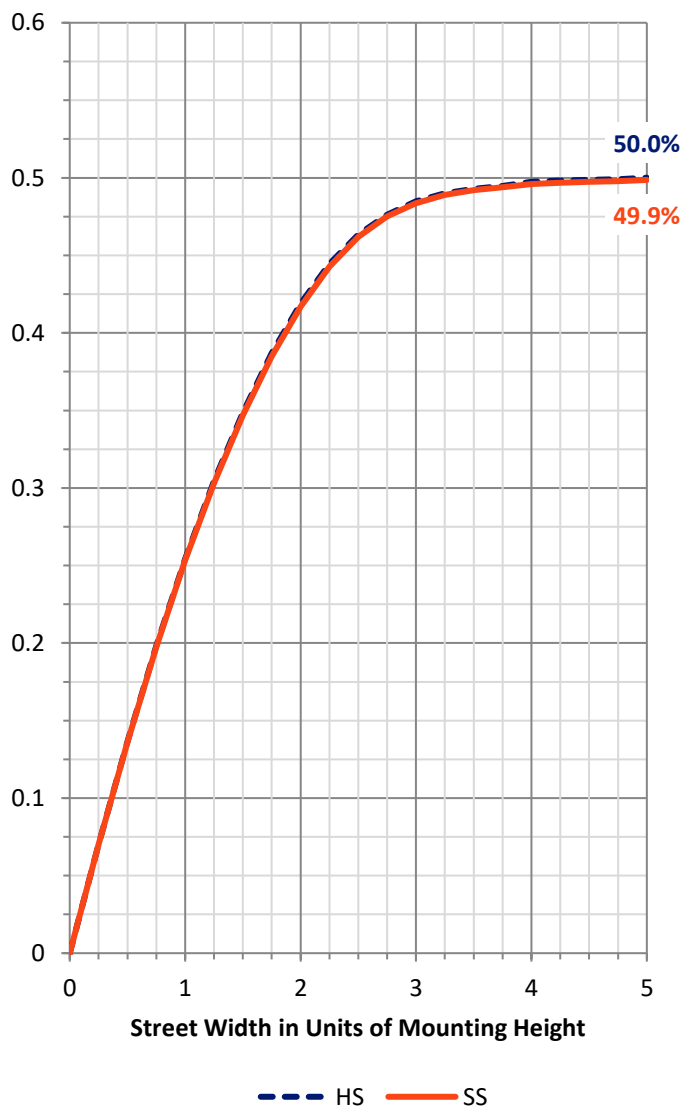
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2944.3	0.0	2944.3
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2944.3	0.0	2944.3
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	5888.5	0.0	5888.5
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	61.6	1.0
10°-20°	182.3	3.1
20°-30°	311.3	5.3
30°-40°	496.8	8.4
40°-50°	801.7	13.6
50°-60°	1283.7	21.8
60°-70°	1879.3	31.9
70°-80°	826.5	14.0
80°-90°	45.3	0.8
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°	5888.5	100.0
0°-180°	5888.5	100.0



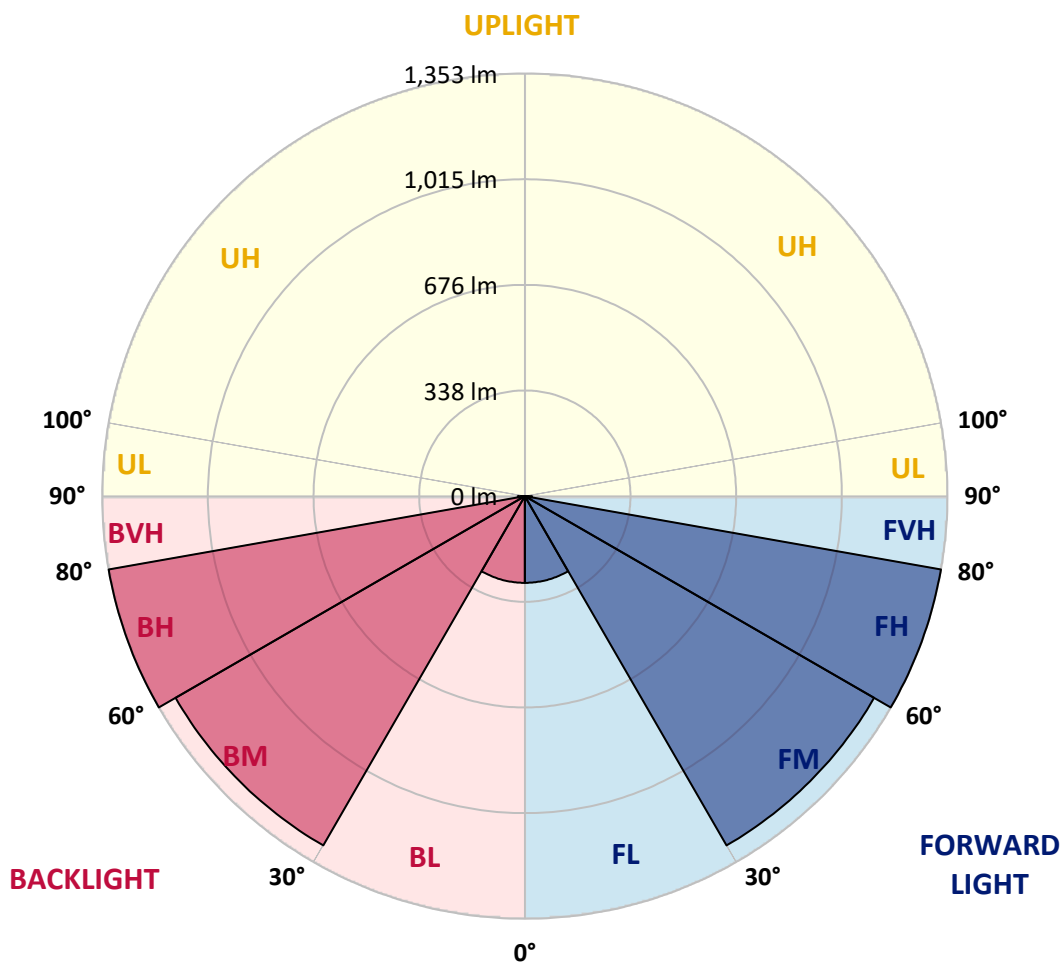
REPORT NUMBER: P672556  
 CATALOG NUMBER: CCP-SA-1D-750-U-5MQ

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	277.6	4.7			
FM (30°-60°)	1291.1	21.9			
FH (60°-80°)	1352.9	23.0			G1/1800
FVH (80°-90°)	22.6	0.4			G1/100
BL (0°-30°)	277.6	4.7	B1/500		
BM (30°-60°)	1291.1	21.9	B2/2500		
BH (60°-80°)	1352.9	23.0	B3/2500		G1/1800
BVH (80°-90°)	22.6	0.4			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





REPORT NUMBER: P672556  
 CATALOG NUMBER: CCP-SA-1D-750-U-5MQ

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	647.5	647.5	647.5	647.5	647.5	647.5	647.5	647.5	647.5	647.5	647.5
2.5°	646.7	646.3	647.1	647.5	646.7	647.1	644.6	644.6	645.9	644.6	646.3
5°	649.6	648.8	649.6	649.6	647.5	647.5	644.6	643.8	644.6	642.5	644.2
7.5°	650.1	648.4	649.6	649.2	647.5	647.5	643.4	641.7	642.1	640.0	641.3
10°	645.9	645.0	646.7	645.9	644.6	644.6	641.3	638.8	638.8	636.7	638.0
12.5°	643.4	642.5	644.6	645.0	644.2	644.6	640.5	637.1	635.9	633.4	634.2
15°	643.4	641.7	645.0	645.9	646.7	649.6	643.4	637.5	635.0	631.7	632.5
17.5°	643.0	642.1	645.9	648.8	649.6	653.0	645.9	639.6	636.7	631.7	632.5
20°	643.0	642.5	647.1	652.6	655.1	658.0	650.5	644.6	639.6	634.2	634.2
22.5°	645.0	644.6	650.9	658.8	665.9	670.9	662.1	652.6	645.9	638.8	638.0
25°	653.8	653.0	660.5	670.1	679.7	684.7	675.9	666.3	656.7	648.8	648.0
27.5°	671.7	671.3	678.8	690.5	697.2	701.0	693.4	685.1	675.5	666.3	665.9
30°	695.9	695.9	705.5	717.6	721.4	724.3	716.8	711.0	701.0	690.9	690.1
32.5°	725.2	726.8	738.1	751.4	753.9	755.6	747.7	743.9	733.1	722.2	720.6
35°	763.5	764.0	777.7	791.1	794.4	796.1	786.9	783.6	773.6	761.9	759.4
37.5°	812.4	811.1	824.0	839.1	842.4	844.5	837.0	834.5	822.0	810.3	806.5
40°	867.0	867.8	882.4	896.6	898.7	899.6	895.8	892.0	880.4	867.0	862.4
42.5°	930.4	930.4	947.5	964.2	964.2	960.1	958.4	957.6	946.3	931.3	926.3
45°	1003.0	1003.9	1025.1	1037.7	1038.5	1027.2	1028.9	1033.9	1023.1	1003.9	997.2
47.5°	1082.7	1084.0	1109.0	1122.8	1120.3	1105.7	1114.8	1117.4	1104.8	1080.2	1071.5
50°	1166.6	1170.3	1198.3	1222.5	1219.2	1197.9	1210.0	1210.8	1190.4	1162.0	1149.9
52.5°	1257.1	1265.9	1303.0	1328.9	1332.2	1305.5	1316.0	1315.1	1288.8	1250.0	1242.1
55°	1369.4	1374.4	1411.1	1447.8	1460.3	1427.4	1439.0	1433.2	1397.7	1353.5	1340.2
57.5°	1481.6	1489.1	1536.3	1577.6	1602.6	1574.6	1577.1	1562.1	1517.5	1464.1	1457.4
60°	1614.7	1618.0	1670.2	1724.0	1767.4	1750.7	1739.0	1707.7	1655.2	1601.8	1592.2
62.5°	1723.6	1730.3	1807.9	1887.1	1960.6	1963.5	1928.0	1881.3	1797.4	1708.2	1689.0
65°	1753.6	1764.5	1873.4	2029.8	2182.5	2250.6	2153.3	2010.6	1823.3	1688.5	1659.8
67.5°	1613.9	1634.7	1790.3	2050.3	2389.1	2593.1	2332.8	1949.3	1687.7	1530.4	1502.9
70°	1255.0	1264.2	1447.0	1803.7	2392.4	2810.9	2260.6	1692.7	1383.5	1214.6	1174.1
72.5°	666.7	671.3	836.1	1214.6	1946.8	2428.3	1868.0	1184.5	814.4	660.9	614.6
75°	215.3	221.1	287.9	497.3	1074.0	1631.8	1101.5	492.8	280.8	226.6	214.5
77.5°	109.7	109.3	121.4	160.2	361.3	799.8	382.2	172.7	121.4	108.9	105.6
80°	68.4	67.2	76.4	87.6	126.4	233.7	137.3	96.8	76.8	65.9	65.5
82.5°	38.8	38.8	51.3	56.3	71.3	96.4	80.1	66.3	52.6	39.2	38.0
85°	21.7	19.2	32.1	35.5	40.9	47.6	48.8	43.0	35.5	21.7	22.5
87.5°	7.9	8.8	15.0	14.2	16.3	11.3	20.0	22.5	20.0	10.4	8.8
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)