

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: P672500

Luminaire Tested: **CCP-SA-1C-722-U-5MQ**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672500  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-1C-722-U-5MQ  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5MQ  
distribution lens  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

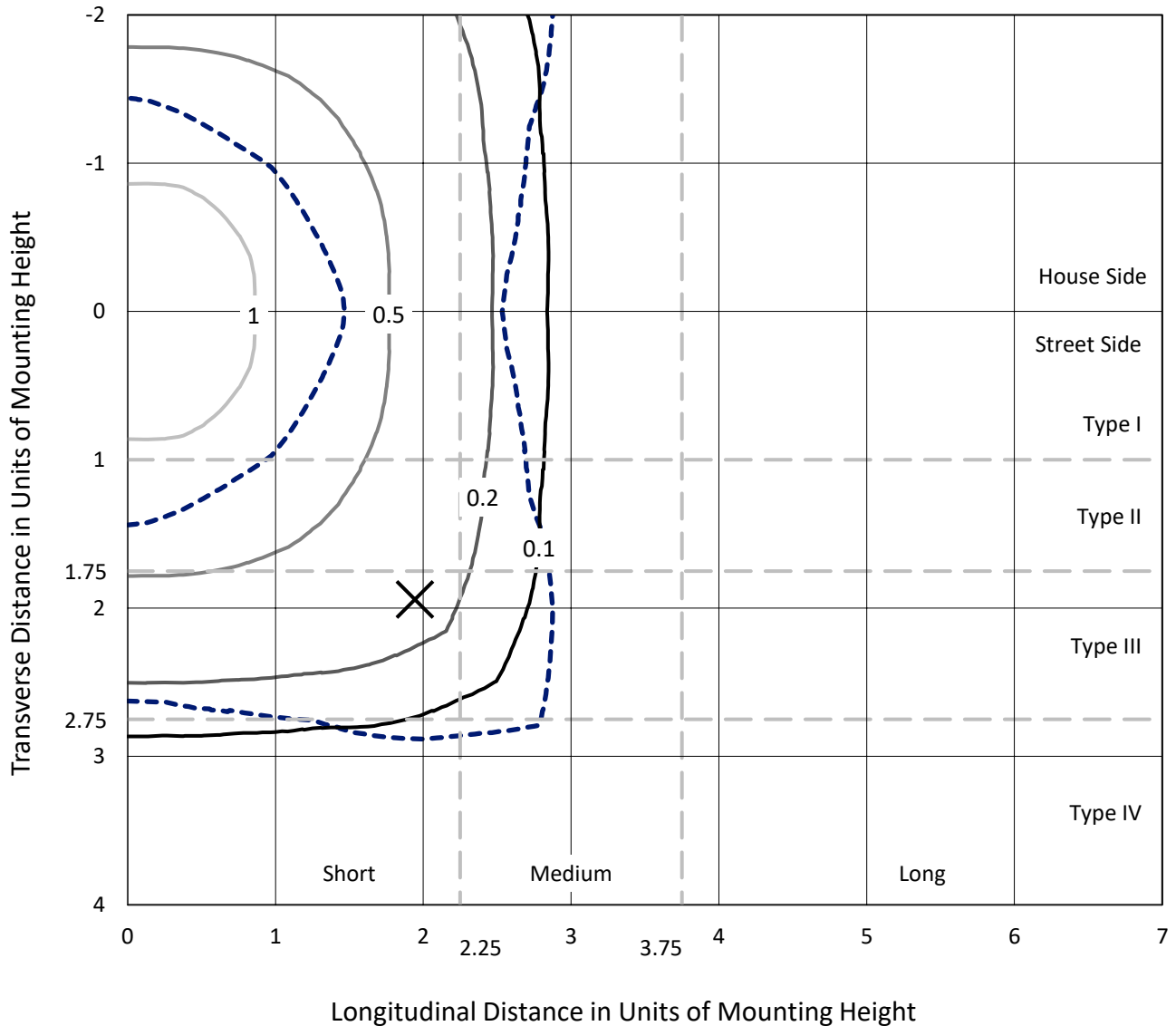
Lumens per Lamp: N/A  
Luminaire Lumens: 3437.8 lumens  
Efficiency: N/A  
Efficacy: 107.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B2 - U0 - G1

Input Watts (W): 32  
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: P672500  
 CATALOG NUMBER: CCP-SA-1C-722-U-5MQ

### Iso-Footcandle Lines of Horizontal Illumination

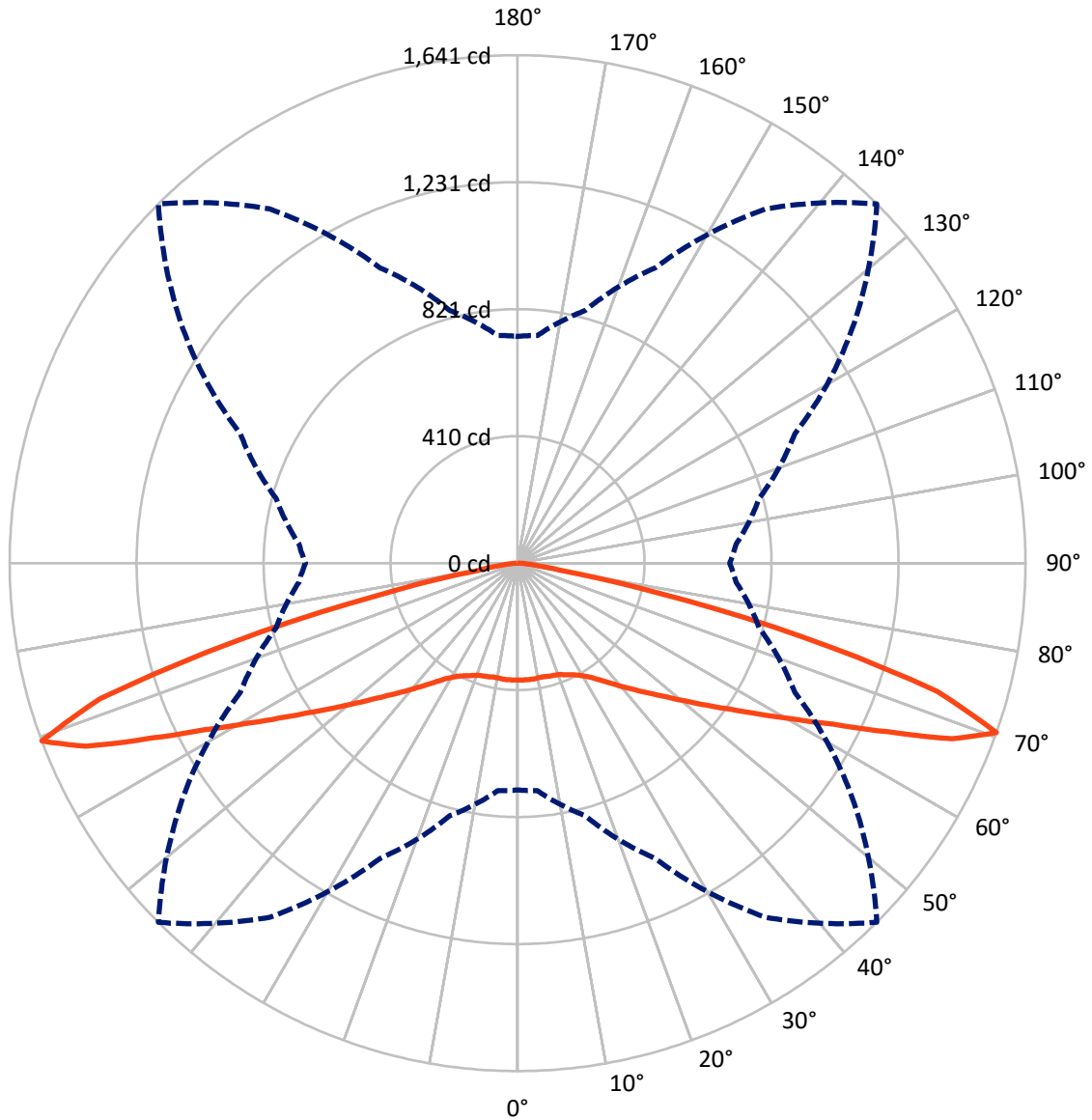
× Max cd  
 - - - 1/2 Max cd



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

REPORT NUMBER: P672500  
CATALOG NUMBER: CCP-SA-1C-722-U-5MQ

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P672500  
 CATALOG NUMBER: CCP-SA-1C-722-U-5MQ

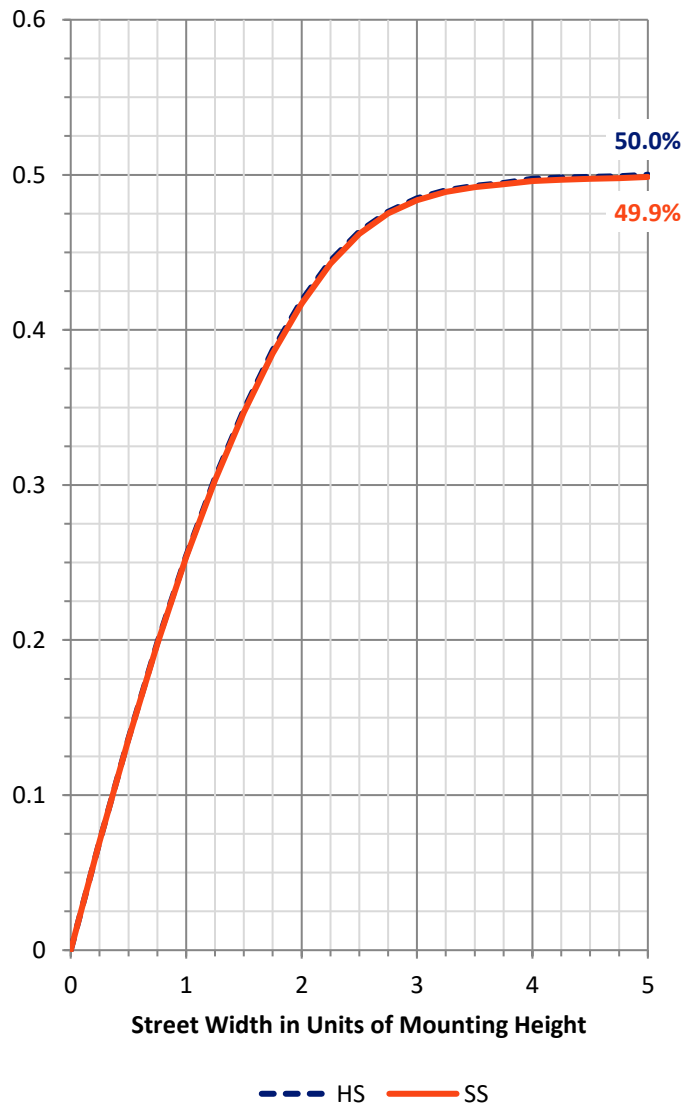
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1718.9	0.0	1718.9
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	1718.9	0.0	1718.9
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	3437.8	0.0	3437.8
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	36.0	1.0
10°-20°	106.4	3.1
20°-30°	181.8	5.3
30°-40°	290.0	8.4
40°-50°	468.0	13.6
50°-60°	749.4	21.8
60°-70°	1097.1	31.9
70°-80°	482.5	14.0
80°-90°	26.5	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°	3437.8	100.0
0°-180°	3437.8	100.0



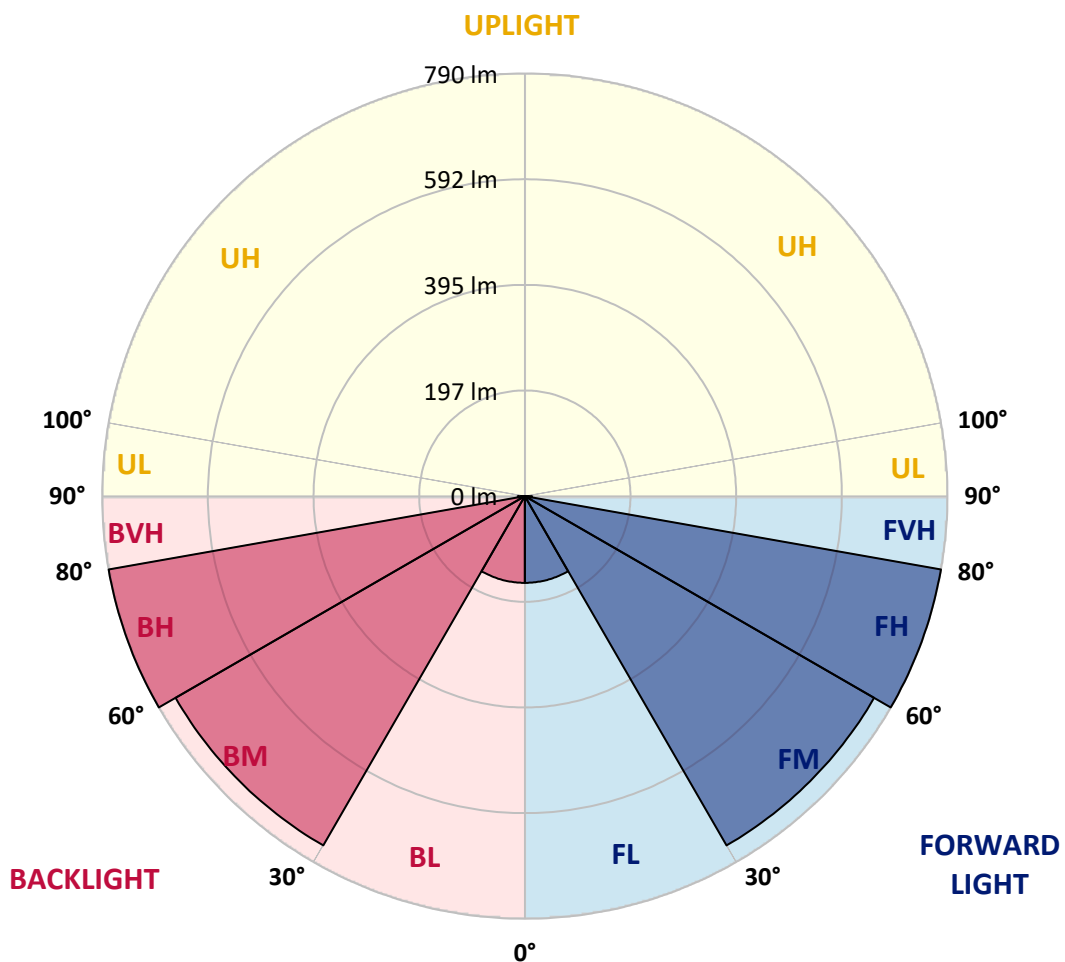
REPORT NUMBER: P672500  
 CATALOG NUMBER: CCP-SA-1C-722-U-5MQ

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	162.1	4.7			
FM (30°-60°)	753.8	21.9			
FH (60°-80°)	789.8	23.0			G1/1800
FVH (80°-90°)	13.2	0.4			G1/100
BL (0°-30°)	162.1	4.7	B1/500		
BM (30°-60°)	753.8	21.9	B1/1000		
BH (60°-80°)	789.8	23.0	B2/1000		G1/1800
BVH (80°-90°)	13.2	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G1**

Type V Short





REPORT NUMBER: P672500  
 CATALOG NUMBER: CCP-SA-1C-722-U-5MQ

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	378.0	378.0	378.0	378.0	378.0	378.0	378.0	378.0	378.0	378.0	378.0
2.5°	377.6	377.3	377.8	378.0	377.6	377.8	376.3	376.3	377.1	376.3	377.3
5°	379.3	378.8	379.3	379.3	378.0	378.0	376.3	375.8	376.3	375.1	376.1
7.5°	379.5	378.5	379.3	379.0	378.0	378.0	375.6	374.6	374.9	373.7	374.4
10°	377.1	376.6	377.6	377.1	376.3	376.3	374.4	372.9	372.9	371.7	372.4
12.5°	375.6	375.1	376.3	376.6	376.1	376.3	373.9	371.9	371.2	369.8	370.2
15°	375.6	374.6	376.6	377.1	377.6	379.3	375.6	372.2	370.7	368.8	369.3
17.5°	375.4	374.9	377.1	378.8	379.3	381.2	377.1	373.4	371.7	368.8	369.3
20°	375.4	375.1	377.8	381.0	382.4	384.1	379.7	376.3	373.4	370.2	370.2
22.5°	376.6	376.3	380.0	384.6	388.8	391.7	386.6	381.0	377.1	372.9	372.4
25°	381.7	381.2	385.6	391.2	396.8	399.7	394.6	389.0	383.4	378.8	378.3
27.5°	392.2	391.9	396.3	403.1	407.0	409.2	404.8	400.0	394.4	389.0	388.8
30°	406.3	406.3	411.9	419.0	421.2	422.9	418.5	415.1	409.2	403.4	402.9
32.5°	423.3	424.3	430.9	438.7	440.2	441.1	436.5	434.3	428.0	421.6	420.7
35°	445.8	446.0	454.0	461.8	463.8	464.8	459.4	457.4	451.6	444.8	443.3
37.5°	474.3	473.5	481.1	489.8	491.8	493.0	488.6	487.2	479.9	473.0	470.8
40°	506.2	506.7	515.2	523.5	524.7	525.2	523.0	520.8	514.0	506.2	503.5
42.5°	543.2	543.2	553.2	562.9	562.9	560.5	559.5	559.0	552.4	543.7	540.8
45°	585.6	586.1	598.5	605.8	606.3	599.7	600.7	603.6	597.3	586.1	582.2
47.5°	632.1	632.8	647.4	655.5	654.0	645.5	650.9	652.3	645.0	630.6	625.5
50°	681.1	683.2	699.6	713.7	711.7	699.3	706.4	706.9	694.9	678.4	671.3
52.5°	733.9	739.0	760.7	775.8	777.8	762.2	768.3	767.8	752.4	729.8	725.1
55°	799.4	802.4	823.8	845.2	852.5	833.3	840.1	836.7	816.0	790.2	782.4
57.5°	865.0	869.3	896.9	921.0	935.6	919.3	920.7	912.0	885.9	854.7	850.8
60°	942.7	944.6	975.1	1006.5	1031.8	1022.1	1015.3	997.0	966.3	935.1	929.5
62.5°	1006.2	1010.1	1055.4	1101.7	1144.6	1146.3	1125.6	1098.3	1049.4	997.2	986.0
65°	1023.8	1030.1	1093.7	1185.0	1274.2	1313.9	1257.1	1173.8	1064.5	985.8	969.0
67.5°	942.2	954.4	1045.2	1197.0	1394.8	1513.9	1361.9	1138.0	985.3	893.5	877.4
70°	732.7	738.1	844.7	1053.0	1396.7	1641.0	1319.7	988.2	807.7	709.1	685.4
72.5°	389.2	391.9	488.1	709.1	1136.6	1417.6	1090.5	691.5	475.5	385.8	358.8
75°	125.7	129.1	168.1	290.3	627.0	952.6	643.1	287.7	163.9	132.3	125.2
77.5°	64.1	63.8	70.9	93.5	210.9	466.9	223.1	100.8	70.9	63.6	61.6
80°	39.9	39.2	44.6	51.2	73.8	136.4	80.1	56.5	44.8	38.5	38.2
82.5°	22.7	22.7	30.0	32.9	41.7	56.3	46.8	38.7	30.7	22.9	22.2
85°	12.7	11.2	18.8	20.7	23.9	27.8	28.5	25.1	20.7	12.7	13.2
87.5°	4.6	5.1	8.8	8.3	9.5	6.6	11.7	13.2	11.7	6.1	5.1
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)