

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: P672675

Luminaire Tested: **CCP-SA-1A-735-U-5NQ**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672675  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-1A-735-U-5NQ  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5NQ distribution lens  
Light Source: (16) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

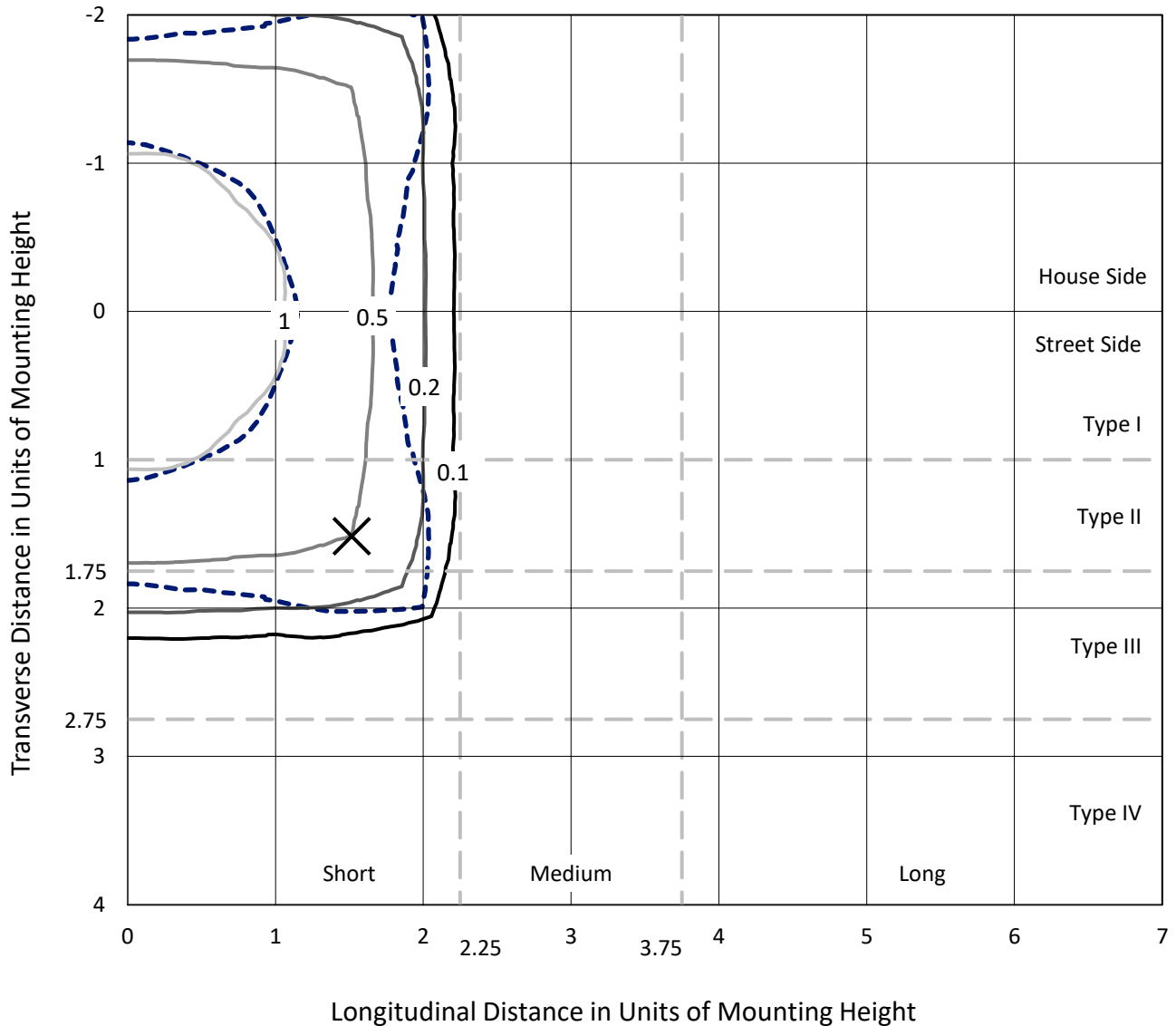
Lumens per Lamp: N/A  
Luminaire Lumens: 2807.9 lumens  
Efficiency: N/A  
Efficacy: 156.0 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B1 - U0 - G0

Input Watts (W): 18  
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: P672675  
 CATALOG NUMBER: CCP-SA-1A-735-U-5NQ

### Iso-Footcandle Lines of Horizontal Illumination

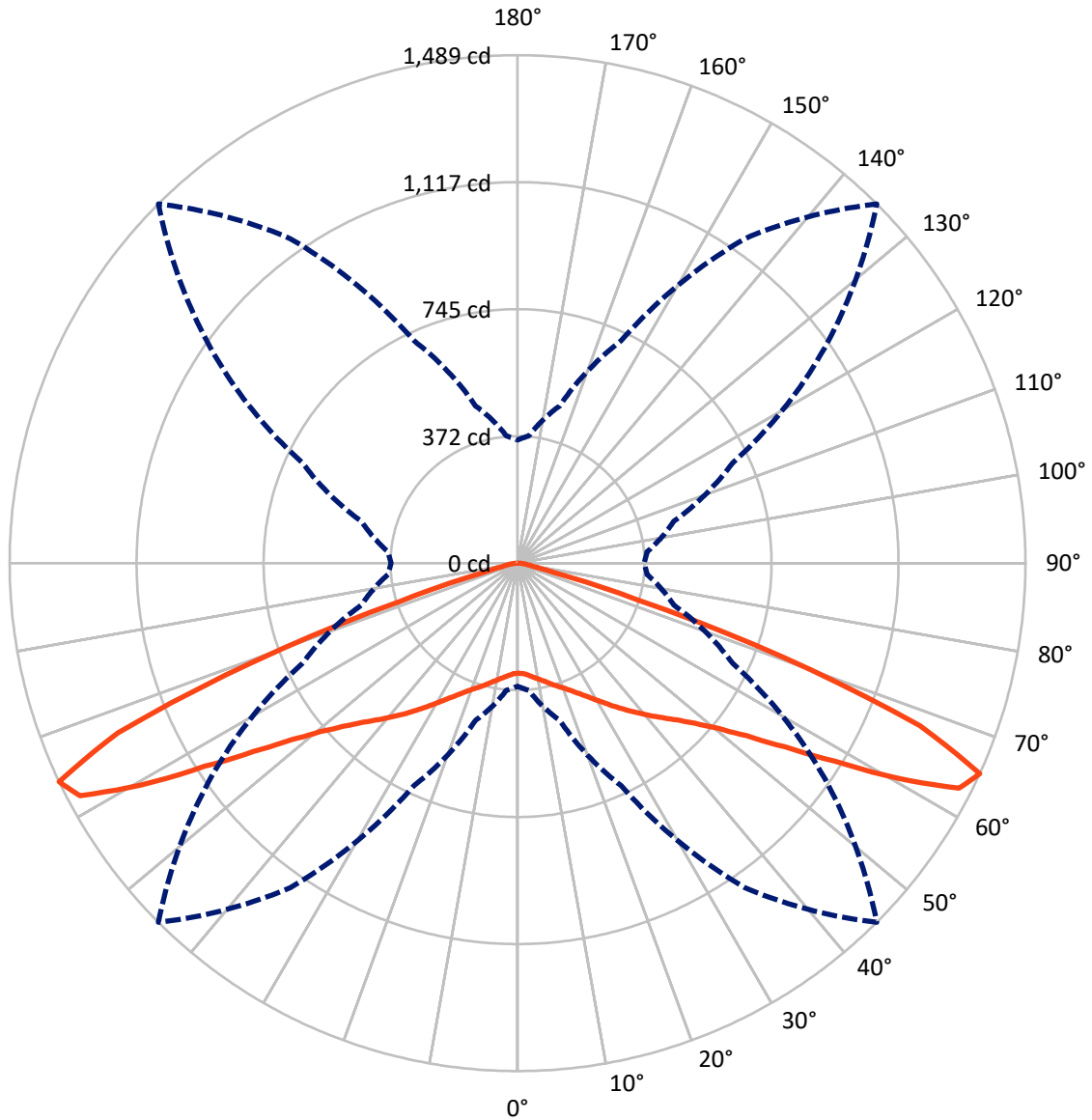
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.5 fc  
 Type V - Short - N/A

REPORT NUMBER: P672675  
CATALOG NUMBER: CCP-SA-1A-735-U-5NQ

### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P672675  
 CATALOG NUMBER: CCP-SA-1A-735-U-5NQ

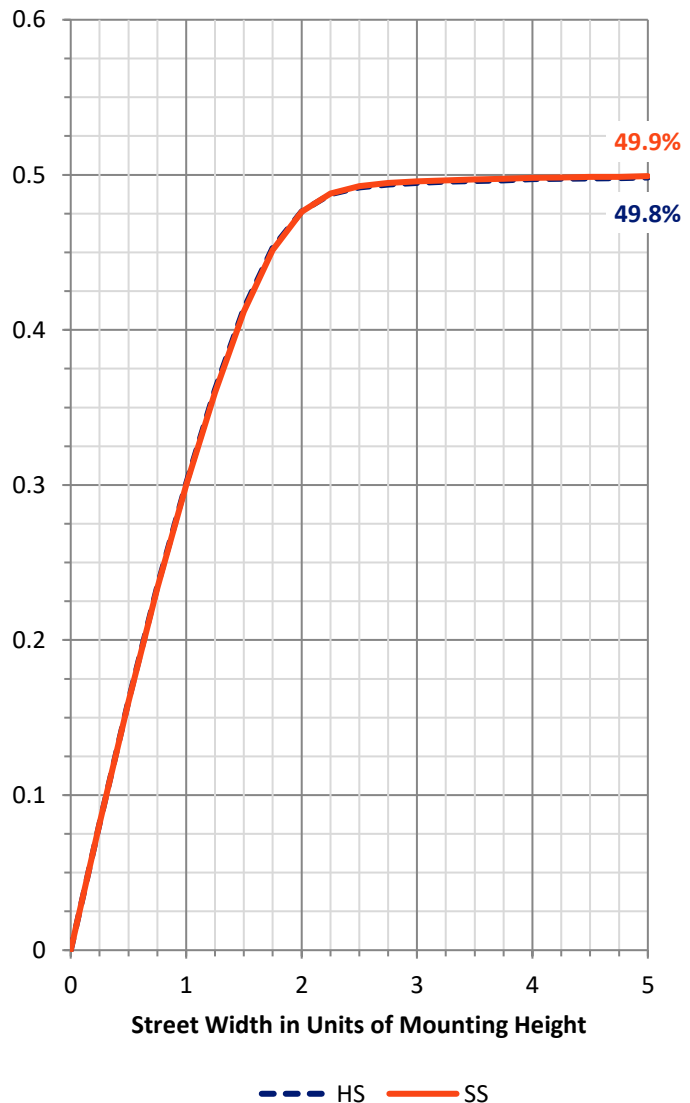
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1404.0	0.0	1404.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	1404.0	0.0	1404.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	2807.9	0.0	2807.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	32.0	1.1
10°-20°	104.4	3.7
20°-30°	198.0	7.1
30°-40°	332.0	11.8
40°-50°	525.4	18.7
50°-60°	825.4	29.4
60°-70°	697.4	24.8
70°-80°	81.2	2.9
80°-90°	12.1	0.4
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°	2807.9	100.0
0°-180°	2807.9	100.0

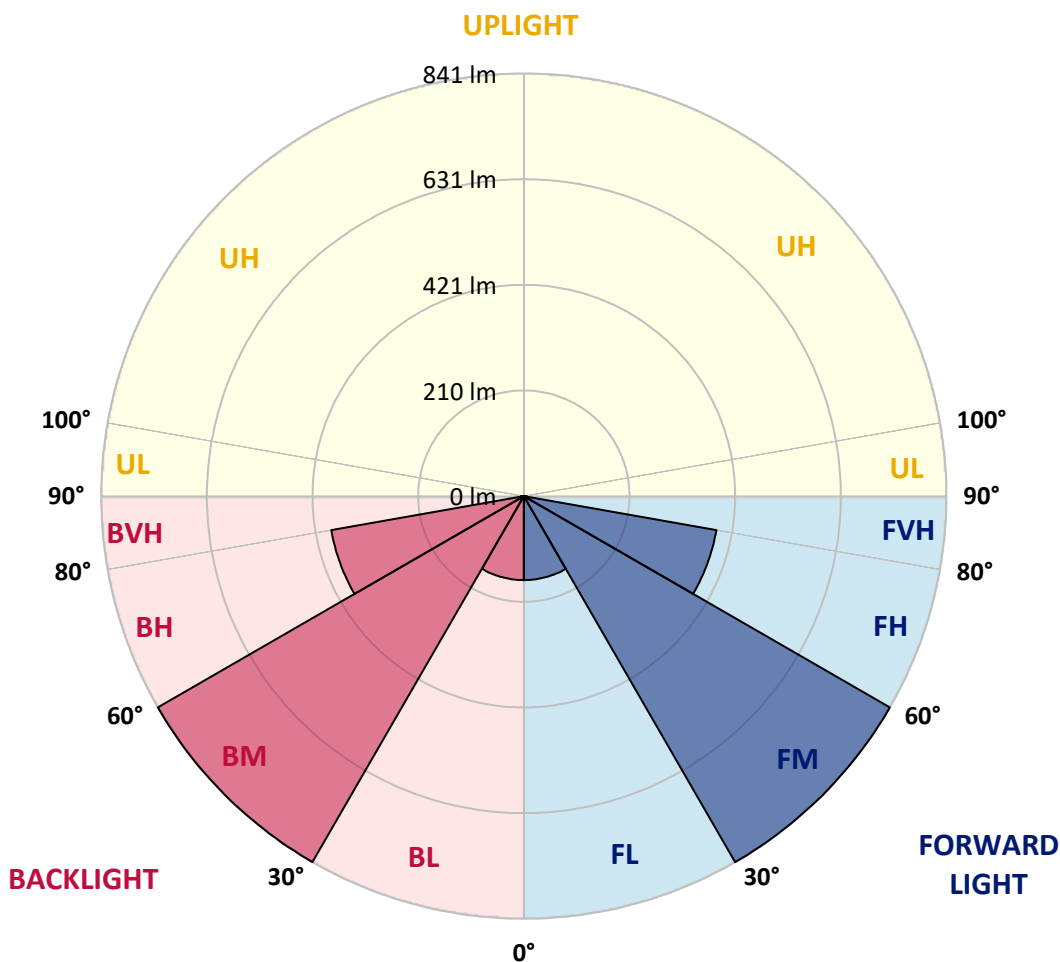


REPORT NUMBER: P672675  
 CATALOG NUMBER: CCP-SA-1A-735-U-5NQ

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	167.2	6.0			
FM (30°-60°)	841.4	30.0			
FH (60°-80°)	389.3	13.9			G0/660
FVH (80°-90°)	6.0	0.2			G0/10
BL (0°-30°)	167.2	6.0	B1/500		
BM (30°-60°)	841.4	30.0	B1/1000		
BH (60°-80°)	389.3	13.9	B1/500		G0/660
BVH (80°-90°)	6.0	0.2			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G0**  
 Type V Short





REPORT NUMBER: P672675  
 CATALOG NUMBER: CCP-SA-1A-735-U-5NQ

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	322.9	322.9	322.9	322.9	322.9	322.9	322.9	322.9	322.9	322.9	322.9
2.5°	324.6	323.7	324.6	324.6	324.0	324.2	323.5	323.3	324.2	323.5	323.3
5°	331.4	330.6	331.4	330.8	329.8	330.0	328.8	328.4	329.6	328.4	328.6
7.5°	339.0	337.7	338.1	338.7	337.7	337.7	336.7	336.1	336.7	335.5	336.3
10°	345.6	344.4	345.0	345.8	345.6	346.2	345.2	344.8	344.2	342.8	344.0
12.5°	354.0	353.7	354.4	355.4	355.0	355.8	353.7	353.1	352.9	351.3	352.7
15°	365.1	364.1	365.5	366.7	366.1	367.5	365.7	364.9	363.9	361.9	363.1
17.5°	376.1	375.4	377.3	377.9	378.1	379.3	377.9	376.7	376.3	375.0	374.2
20°	389.4	388.4	390.0	391.1	390.2	391.5	390.9	390.2	389.8	387.6	387.4
22.5°	404.2	402.8	405.2	406.5	405.2	406.5	405.4	405.2	405.4	402.2	402.6
25°	420.7	420.9	423.3	424.3	423.5	424.3	422.5	423.7	423.1	419.8	418.6
27.5°	442.1	441.3	443.8	446.8	444.8	444.8	444.0	445.2	445.0	441.9	441.1
30°	466.9	466.7	470.5	472.3	469.5	468.3	468.1	471.1	471.3	467.9	466.5
32.5°	493.0	493.0	497.5	499.7	495.7	495.0	494.2	498.1	497.5	493.0	490.0
35°	521.6	520.4	526.5	529.7	525.7	523.4	523.0	526.5	525.7	519.4	515.9
37.5°	549.8	550.6	557.7	561.3	556.5	553.6	554.6	556.9	557.1	550.2	546.5
40°	584.4	584.5	593.4	596.2	590.1	585.5	586.9	592.2	591.9	583.4	578.6
42.5°	623.0	622.2	633.3	635.7	627.4	618.7	622.8	631.1	633.1	623.6	618.7
45°	664.5	665.7	677.1	679.7	666.6	655.6	664.5	676.9	679.5	669.2	663.1
47.5°	714.8	716.2	730.0	731.0	716.2	701.8	713.6	729.8	730.8	716.6	709.5
50°	772.2	777.0	792.4	794.3	779.7	761.2	778.1	792.6	788.8	769.9	763.3
52.5°	837.4	841.1	865.2	873.5	860.6	840.7	854.3	863.2	851.2	826.3	816.2
55°	892.8	899.1	931.1	956.4	966.0	951.0	949.4	936.4	902.9	865.0	854.5
57.5°	908.4	914.5	964.1	1029.2	1086.6	1094.1	1059.4	994.1	921.8	863.4	852.7
60°	845.1	853.3	925.8	1049.1	1213.9	1281.8	1156.3	999.0	872.7	794.3	780.9
62.5°	663.7	679.1	772.6	966.0	1265.2	1452.7	1196.1	913.9	724.5	631.9	614.2
65°	361.0	374.2	477.4	719.9	1161.2	1489.2	1098.4	695.9	473.8	380.9	371.2
67.5°	135.4	145.1	192.4	355.8	821.0	1273.1	833.8	398.4	215.1	154.3	140.7
70°	57.6	58.8	69.7	123.9	373.2	828.3	426.9	135.4	71.8	58.0	56.4
72.5°	41.4	41.6	44.6	54.9	113.7	363.3	129.1	56.8	43.8	39.5	39.5
75°	33.2	33.4	35.1	39.7	53.7	107.0	55.7	39.9	33.9	31.0	30.6
77.5°	26.1	26.4	28.2	31.0	35.9	48.9	37.7	31.4	27.2	24.5	24.1
80°	19.3	19.9	22.3	23.7	25.3	32.6	27.4	24.5	21.7	18.7	18.2
82.5°	12.8	13.4	16.6	17.6	17.4	20.5	18.9	18.7	16.6	12.4	11.8
85°	7.7	8.1	10.7	11.4	10.7	10.1	12.0	13.0	11.6	8.1	7.5
87.5°	3.4	3.4	4.7	4.9	4.7	3.7	5.7	6.7	6.9	4.1	3.7
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)