

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: P672377

Luminaire Tested: **CCP-SA-1B-730-U-5WQ**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672377  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-1B-730-U-5WQ  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5WQ distribution lens  
Light Source: (16) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

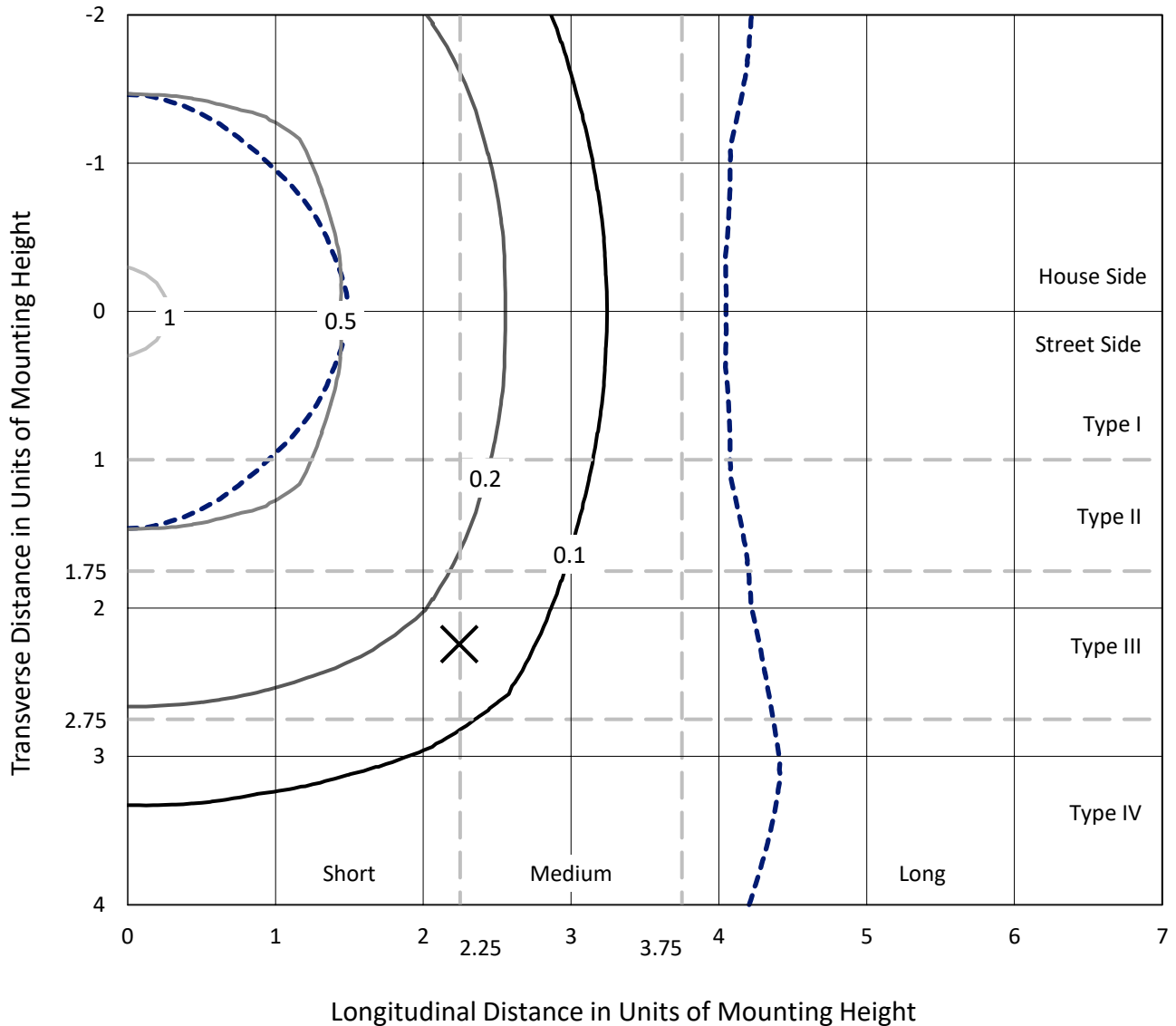
Lumens per Lamp: N/A  
Luminaire Lumens: 3296.1 lumens  
Efficiency: N/A  
Efficacy: 137.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B2 - U0 - G1

Input Watts (W): 24  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): 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

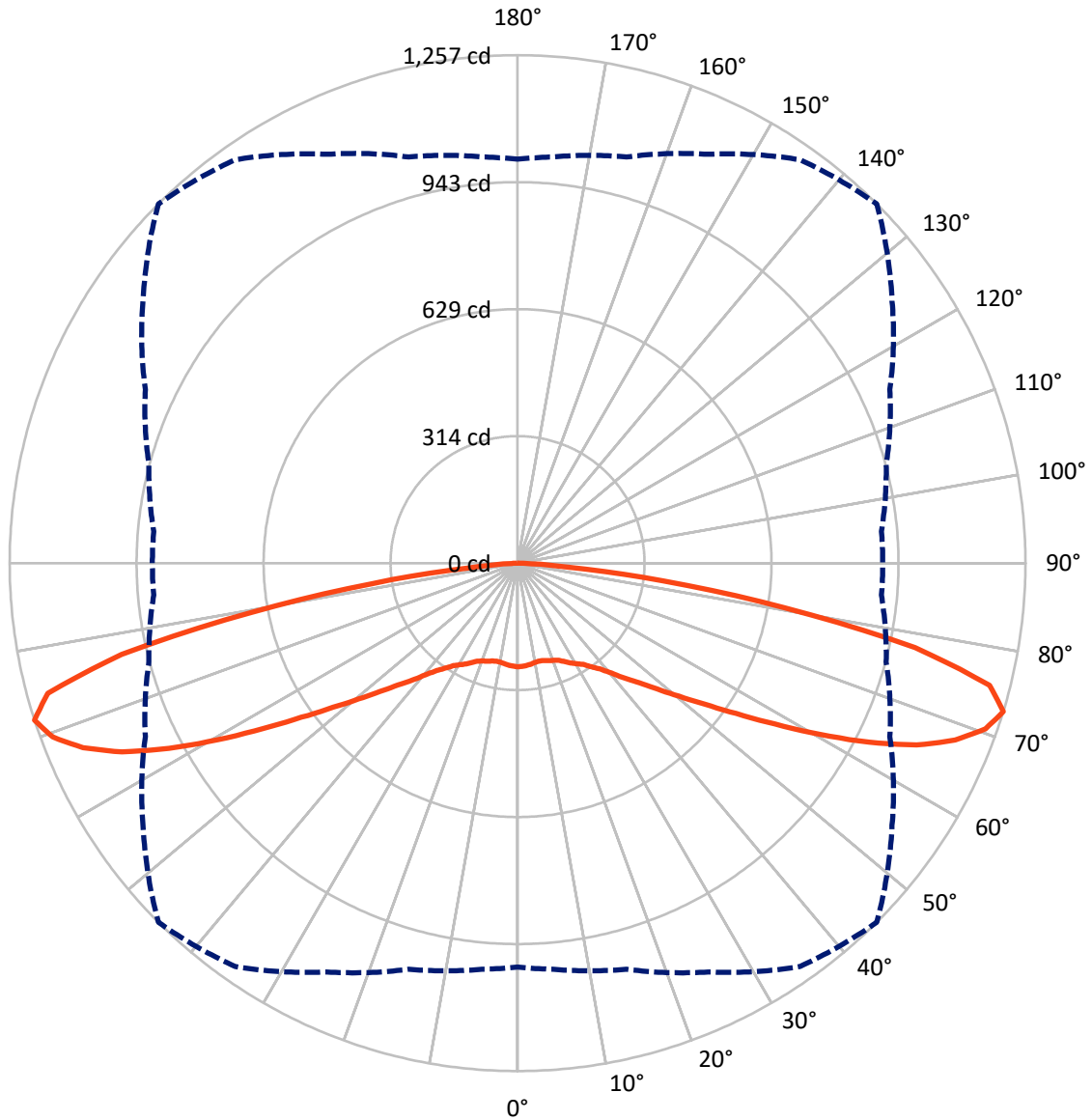
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.1 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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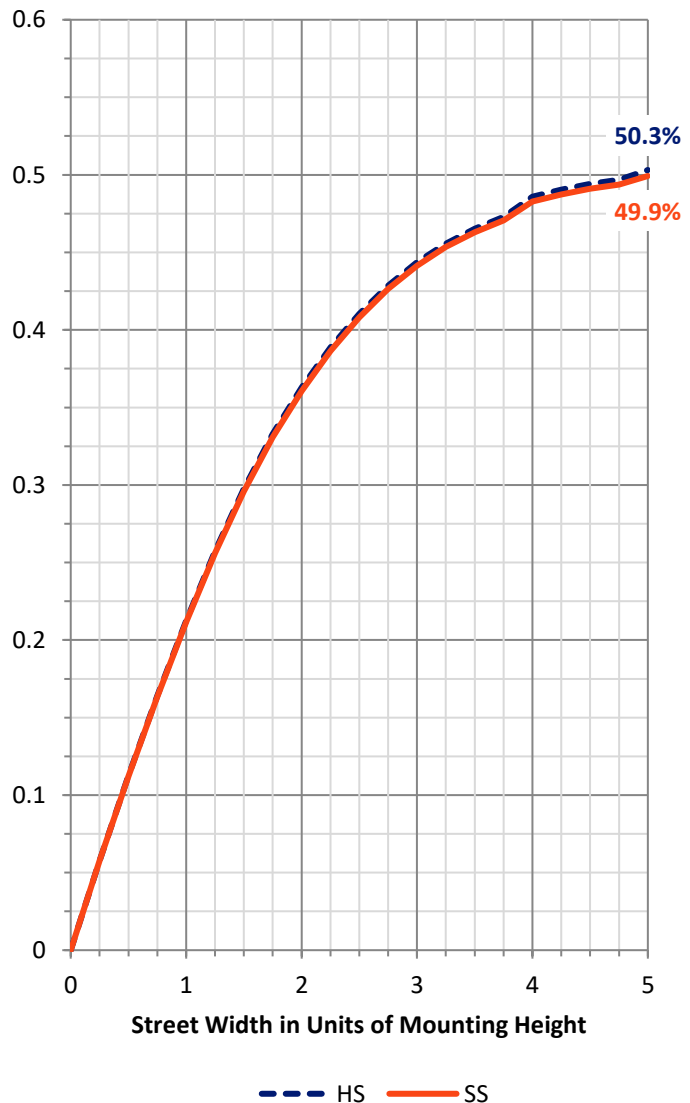
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1648.1	0.0	1648.1
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	1648.1	0.0	1648.1
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	3296.1	0.0	3296.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	24.1	0.7
10°-20°	71.6	2.2
20°-30°	125.8	3.8
30°-40°	200.6	6.1
40°-50°	335.5	10.2
50°-60°	574.1	17.4
60°-70°	947.8	28.8
70°-80°	908.4	27.6
80°-90°	108.3	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°	3296.1	100.0
0°-180°	3296.1	100.0



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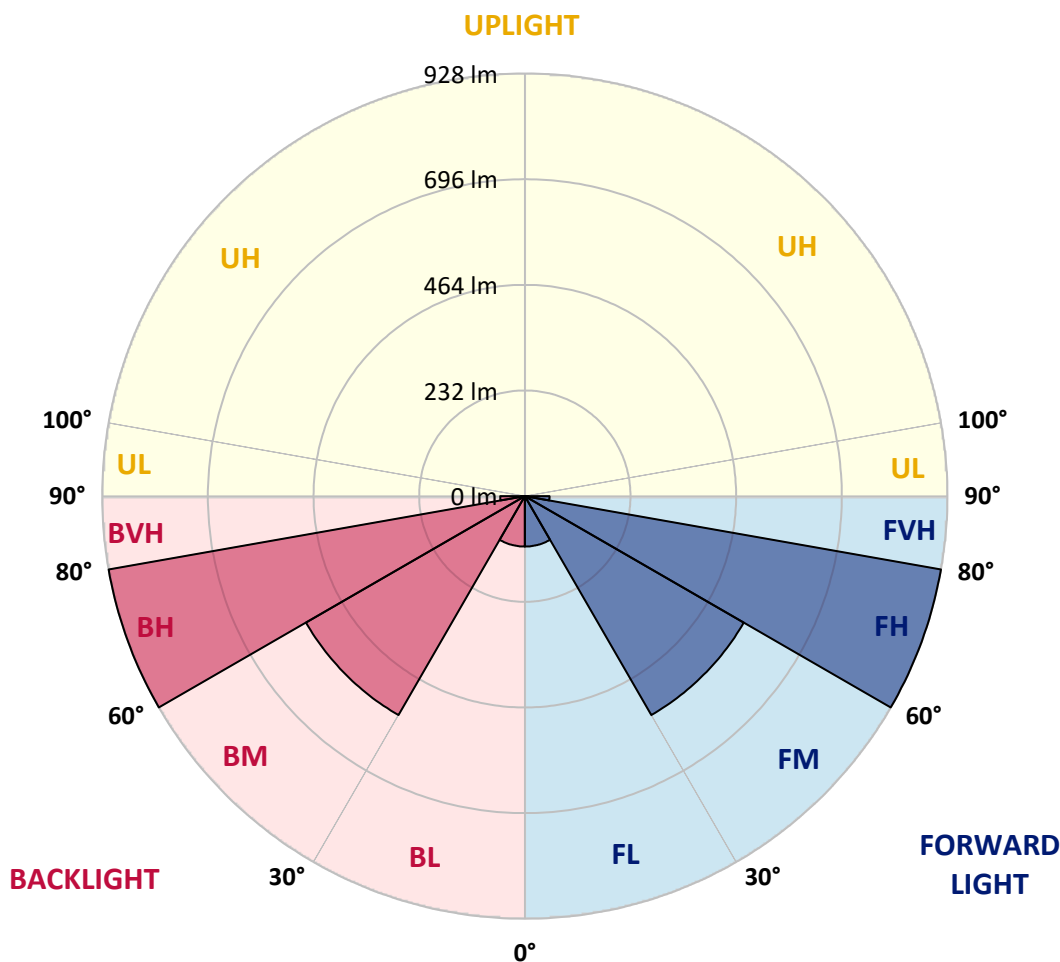
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	110.7	3.4			
FM (30°-60°)	555.1	16.8			
FH (60°-80°)	928.1	28.2			G1/1800
FVH (80°-90°)	54.2	1.6			G1/100
BL (0°-30°)	110.7	3.4	B1/500		
BM (30°-60°)	555.1	16.8	B1/1000		
BH (60°-80°)	928.1	28.2	B2/1000		G1/1800
BVH (80°-90°)	54.2	1.6			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





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	256.7	256.7	256.7	256.7	256.7	256.7	256.7	256.7	256.7	256.7	256.7
2.5°	255.1	255.1	255.8	256.0	255.8	255.5	255.3	255.1	255.8	255.5	255.8
5°	254.4	254.4	254.6	254.8	254.4	254.1	253.7	253.5	253.9	253.9	254.4
7.5°	252.5	252.3	252.5	252.8	252.1	251.8	251.2	251.2	251.2	250.9	251.4
10°	250.9	250.5	250.5	250.0	248.9	249.1	248.2	248.9	250.0	250.2	250.5
12.5°	251.6	251.2	250.7	249.5	247.9	248.2	247.9	248.6	250.2	251.2	251.8
15°	254.8	254.4	253.2	251.2	250.2	250.2	249.8	250.0	252.3	253.7	254.4
17.5°	258.3	257.4	255.3	253.9	253.0	253.7	252.1	251.8	253.7	255.8	256.4
20°	261.0	260.4	257.8	256.2	256.2	256.9	255.3	254.4	256.4	259.0	259.7
22.5°	265.9	265.4	262.9	261.3	261.3	261.5	260.6	259.9	262.2	264.7	265.4
25°	272.8	272.8	270.2	269.6	269.3	269.8	268.6	267.9	270.0	271.9	272.5
27.5°	280.8	280.1	278.1	277.6	278.5	280.1	278.1	276.2	277.8	279.4	279.7
30°	289.3	289.3	287.5	287.5	288.2	288.9	287.0	285.2	286.8	288.6	288.9
32.5°	301.3	300.6	299.9	300.1	299.9	299.0	298.1	297.8	299.2	300.4	300.8
35°	316.0	315.8	314.9	315.3	315.3	315.3	312.6	311.6	313.9	314.9	314.4
37.5°	338.8	338.6	336.3	334.9	333.3	332.6	329.1	328.9	334.4	337.2	336.7
40°	366.6	365.7	363.6	361.3	359.3	357.9	354.4	357.0	362.7	364.8	364.8
42.5°	397.0	395.8	393.5	392.4	391.0	389.6	385.0	386.2	393.1	395.1	392.8
45°	434.2	432.6	430.1	427.6	425.5	422.7	420.4	421.6	428.9	431.5	429.6
47.5°	473.8	473.3	471.3	469.2	467.4	465.5	462.5	464.6	471.0	470.6	466.9
50°	515.6	516.6	516.8	518.9	517.5	517.7	512.2	511.0	516.1	513.1	508.5
52.5°	560.7	562.1	566.9	571.1	578.7	579.6	572.7	565.3	564.4	556.6	551.8
55°	612.9	612.7	623.3	634.8	651.6	656.9	641.5	627.7	620.1	604.9	599.8
57.5°	672.0	671.4	687.5	707.7	738.1	751.2	722.9	696.7	678.3	660.1	654.8
60°	736.2	737.8	757.4	790.3	842.7	860.9	818.1	774.6	746.6	722.9	720.8
62.5°	811.2	811.4	834.4	879.0	947.1	976.3	917.5	858.6	822.9	796.9	791.4
65°	899.7	901.4	926.0	971.0	1049.2	1085.3	1017.5	945.7	903.7	868.5	867.8
67.5°	990.6	989.7	1012.2	1060.0	1135.5	1168.8	1097.8	1017.7	963.0	919.1	913.3
70°	1048.8	1053.8	1078.2	1124.0	1196.2	1228.6	1142.2	1045.6	988.3	948.0	945.3
72.5°	999.8	1009.2	1040.7	1116.6	1219.0	1257.4	1131.6	1016.8	944.6	904.1	904.1
75°	811.7	827.3	871.2	988.1	1140.3	1206.8	1047.6	889.9	784.7	741.5	741.5
77.5°	494.5	509.4	568.8	711.4	920.9	1006.0	854.0	670.2	548.5	495.6	488.7
80°	164.4	174.1	232.3	361.6	565.3	669.5	572.2	380.6	245.6	187.2	186.3
82.5°	43.7	47.6	66.2	104.9	245.4	362.7	261.7	125.6	72.0	55.9	51.5
85°	15.2	16.3	28.1	35.0	62.3	120.1	72.9	45.5	35.0	21.2	19.8
87.5°	4.4	4.8	11.3	12.2	17.9	14.0	19.8	18.2	16.6	6.9	6.2
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)