

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: P672830

Luminaire Tested: **CCP-SA-1A-740-U-RW**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672830  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-1A-740-U-RW  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ RW distribution lens  
Light Source: (16) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

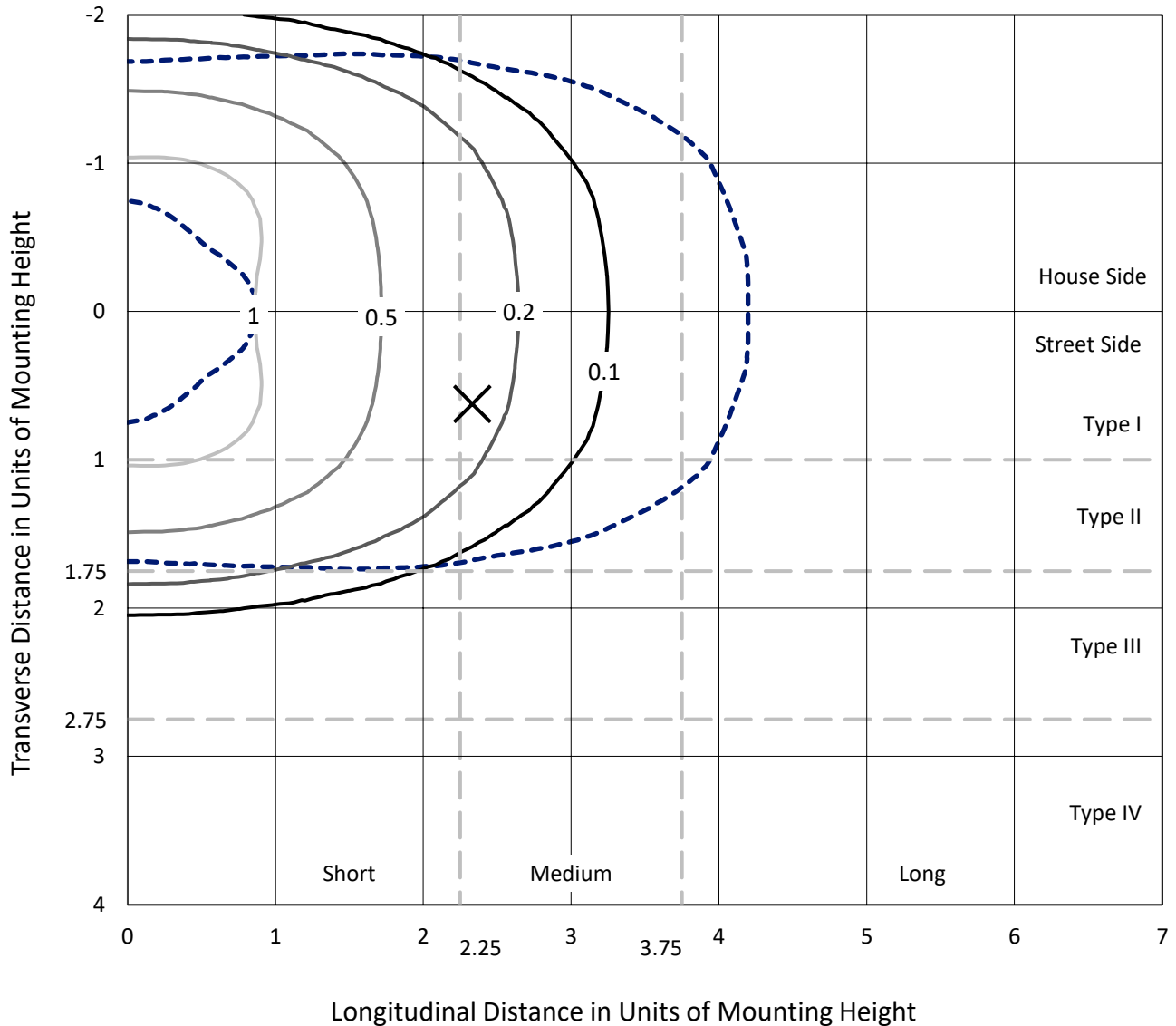
Lumens per Lamp: N/A  
Luminaire Lumens: 2783 lumens  
Efficiency: N/A  
Efficacy: 154.6 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B1 - U0 - G1

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

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### Iso-Footcandle Lines of Horizontal Illumination

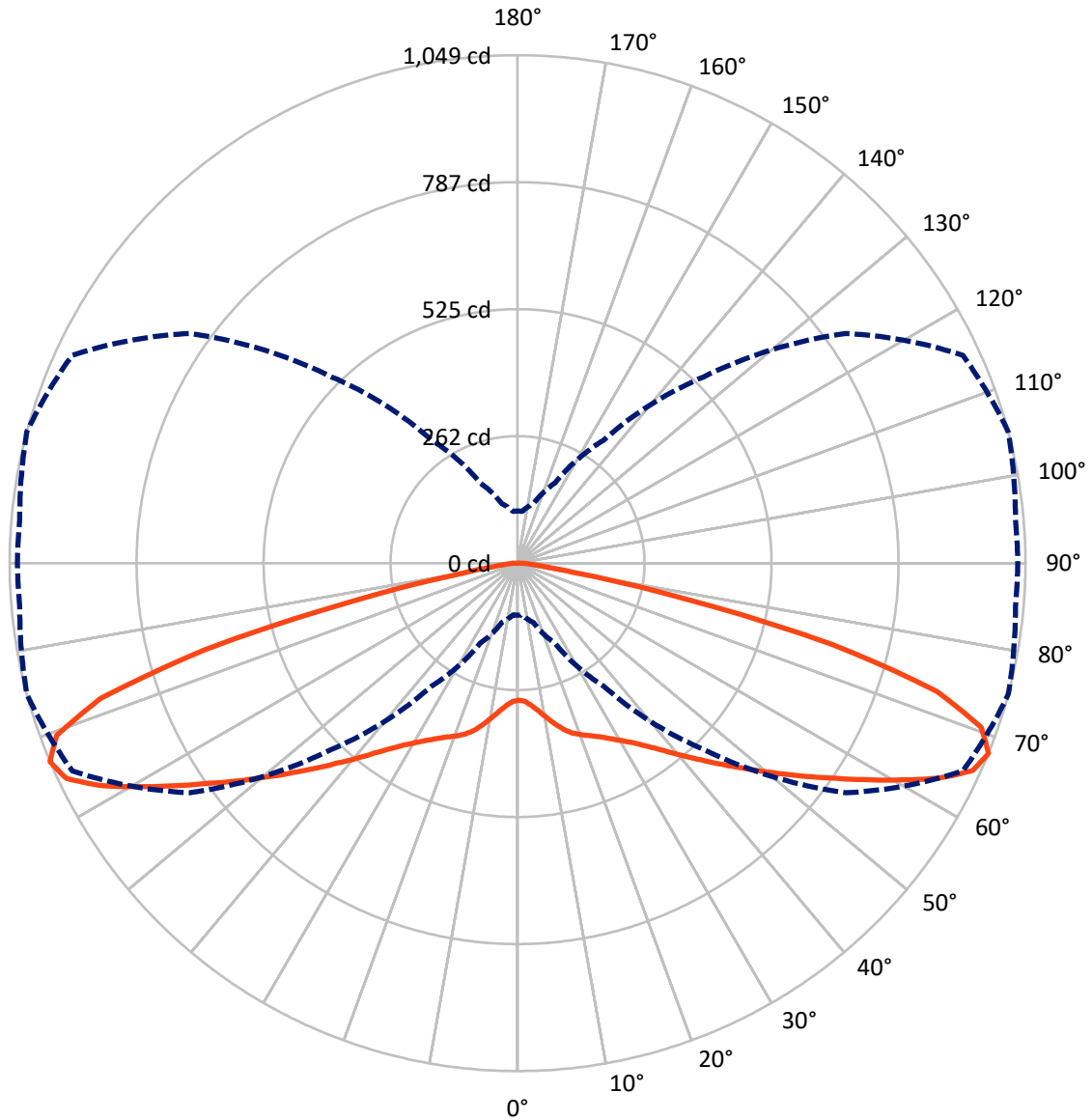
× Max cd  
 - - - 1/2 Max cd



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

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### Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical

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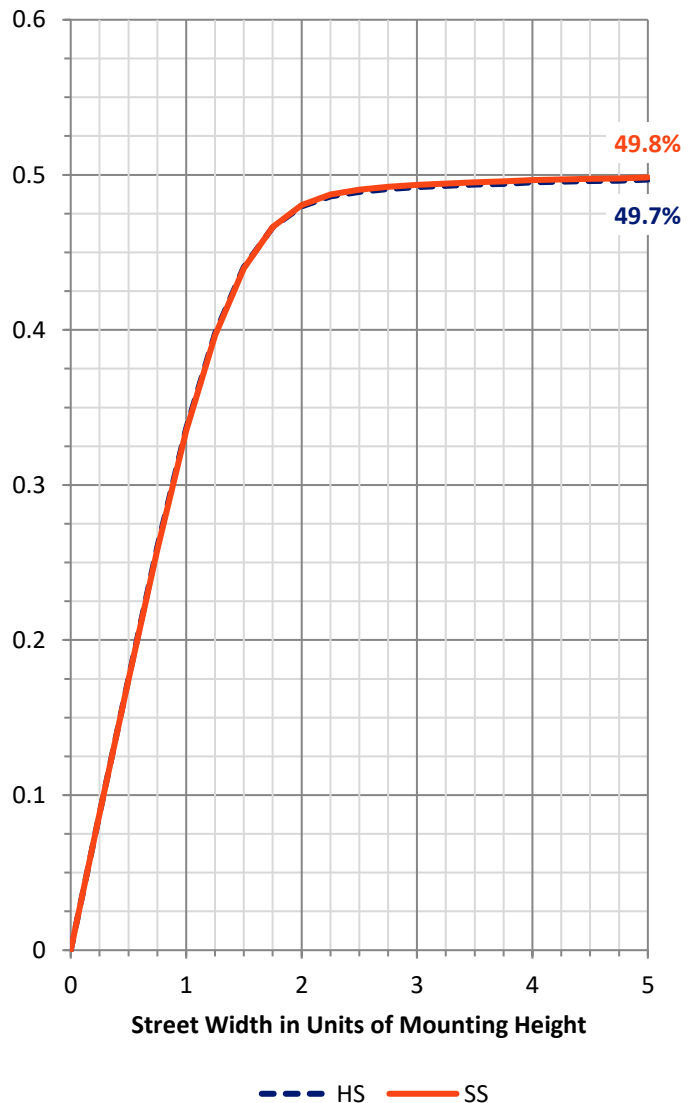
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1391.5	0.0	1391.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	1391.5	0.0	1391.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	2783.0	0.0	2783.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	28.0	1.0
10°-20°	94.4	3.4
20°-30°	184.3	6.6
30°-40°	318.0	11.4
40°-50°	515.1	18.5
50°-60°	700.6	25.2
60°-70°	646.3	23.2
70°-80°	270.4	9.7
80°-90°	25.8	0.9
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°	2783.0	100.0
0°-180°	2783.0	100.0



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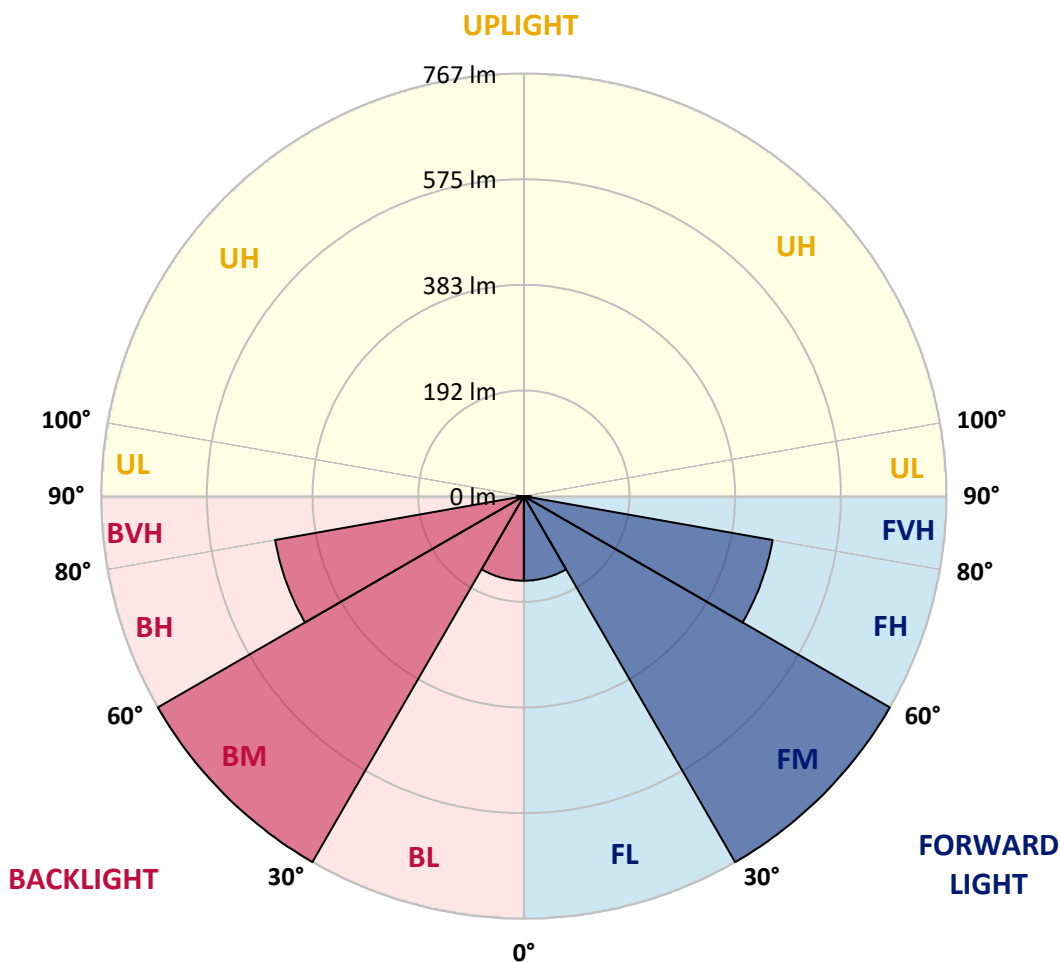
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	153.4	5.5			
FM (30°-60°)	766.8	27.6			
FH (60°-80°)	458.4	16.5			G0/660
FVH (80°-90°)	12.9	0.5			G1/100
BL (0°-30°)	153.4	5.5	B1/500		
BM (30°-60°)	766.8	27.6	B1/1000		
BH (60°-80°)	458.4	16.5	B1/500		G1/500
BVH (80°-90°)	12.9	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G1**

Type II Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	283.1	283.1	283.1	283.1	283.1	283.1	283.1	283.1	283.1	283.1	283.1
2.5°	281.3	281.3	282.1	283.1	283.5	284.3	284.5	284.5	285.7	285.5	285.7
5°	280.5	280.5	281.9	283.7	285.7	288.1	290.5	291.9	294.9	295.5	295.7
7.5°	281.3	281.5	283.5	286.5	289.9	294.3	298.9	302.7	307.7	309.5	310.7
10°	284.3	284.5	287.1	291.3	296.5	302.9	309.5	315.5	323.5	327.1	327.7
12.5°	288.9	289.1	292.9	299.7	307.1	315.1	322.5	330.1	340.2	345.6	346.8
15°	295.9	295.3	301.3	311.3	321.7	331.7	338.4	345.8	356.4	363.4	365.2
17.5°	305.5	305.9	313.3	326.1	339.0	349.2	355.8	360.0	369.2	376.4	378.2
20°	317.5	319.3	328.7	343.6	358.6	369.4	374.0	373.4	378.6	384.8	386.2
22.5°	334.5	335.7	347.2	363.8	381.0	392.2	394.0	387.4	387.2	391.2	393.0
25°	354.6	355.6	367.6	386.8	405.0	416.8	415.0	403.6	397.6	397.8	399.0
27.5°	378.0	380.0	392.4	412.0	430.8	441.6	439.0	422.4	410.6	407.0	406.2
30°	408.4	410.6	423.2	442.0	458.6	468.2	464.2	443.2	425.6	419.6	418.4
32.5°	448.0	447.8	460.8	479.0	490.6	496.8	489.0	465.2	443.0	435.0	433.4
35°	488.8	490.8	503.6	521.2	530.0	530.4	518.0	491.2	464.8	451.0	448.0
37.5°	534.8	535.8	550.6	567.3	573.1	569.9	551.4	521.6	491.2	476.6	471.4
40°	582.1	583.1	600.3	616.3	622.7	615.1	590.9	555.2	522.4	506.4	503.4
42.5°	625.9	628.5	647.7	666.5	672.7	663.9	634.7	592.1	555.4	540.0	536.0
45°	662.3	665.1	686.7	710.7	721.7	714.5	681.5	633.5	593.5	576.9	570.1
47.5°	689.7	693.3	716.3	745.1	766.5	765.1	731.3	677.3	634.3	614.7	608.5
50°	708.5	712.3	737.1	768.1	800.4	811.2	781.9	725.7	679.7	657.7	653.5
52.5°	709.9	713.3	741.7	780.3	823.4	847.2	831.8	776.7	729.7	706.9	703.9
55°	678.7	681.1	718.9	770.3	832.8	874.8	877.2	832.4	783.1	760.1	758.7
57.5°	607.1	610.5	655.7	723.7	817.2	892.6	916.6	890.6	843.6	822.0	820.8
60°	490.4	494.8	546.4	636.9	760.7	888.0	950.0	945.2	909.6	888.6	887.8
62.5°	346.0	347.6	401.4	501.0	650.3	839.2	966.2	998.4	978.0	956.8	958.0
65°	203.3	205.5	244.9	334.5	493.2	726.9	938.2	1035.5	1032.9	1013.4	1015.5
67.5°	107.4	107.4	127.3	182.9	310.1	544.2	826.8	1015.1	1049.1	1032.1	1033.1
70°	74.2	74.0	77.6	91.8	149.9	337.3	618.5	908.2	1016.1	1009.6	1012.2
72.5°	62.8	62.4	62.6	64.6	76.2	152.5	375.6	699.5	905.8	915.6	917.8
75°	55.0	54.4	54.0	53.6	54.6	69.2	171.3	431.6	671.5	733.1	731.9
77.5°	47.4	47.0	46.6	45.2	43.6	45.4	70.0	194.1	345.4	407.6	403.2
80°	39.0	39.0	39.6	37.6	34.6	33.4	41.8	72.4	114.7	119.7	110.0
82.5°	30.6	30.6	33.6	30.8	27.2	24.2	29.0	38.6	46.6	37.8	30.8
85°	21.6	21.8	28.0	25.6	21.0	14.0	18.0	23.0	26.2	16.6	13.0
87.5°	8.8	9.4	17.4	13.8	13.2	7.0	8.4	10.2	13.0	7.0	5.6
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)