

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: P672907

Luminaire Tested: **CCP-SA-1A-850-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672907
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-850-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ RW distribution lens
Light Source: (16) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2428.4 lumens
Efficiency: N/A
Efficacy: 134.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

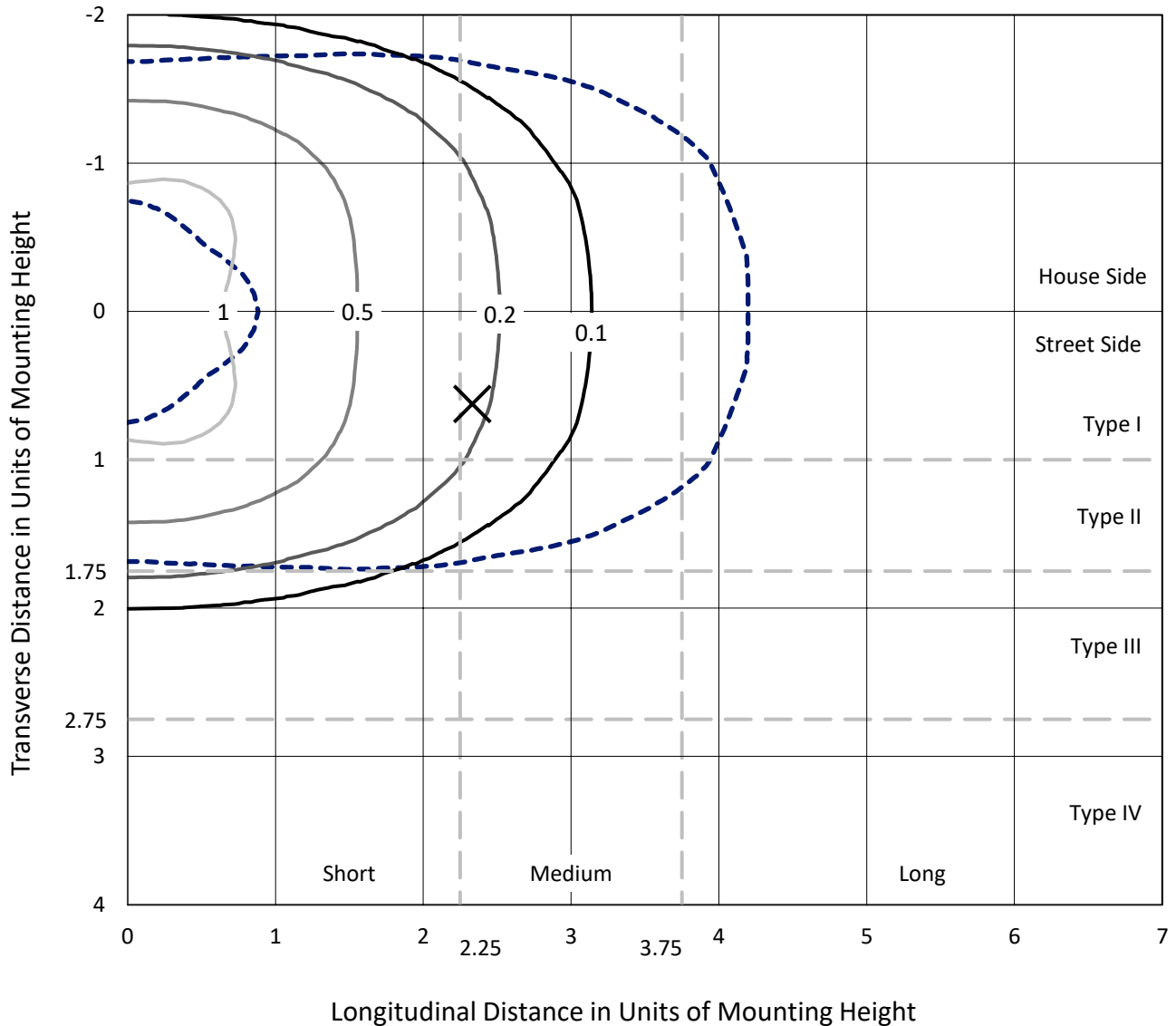
Input Watts (W): 18
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

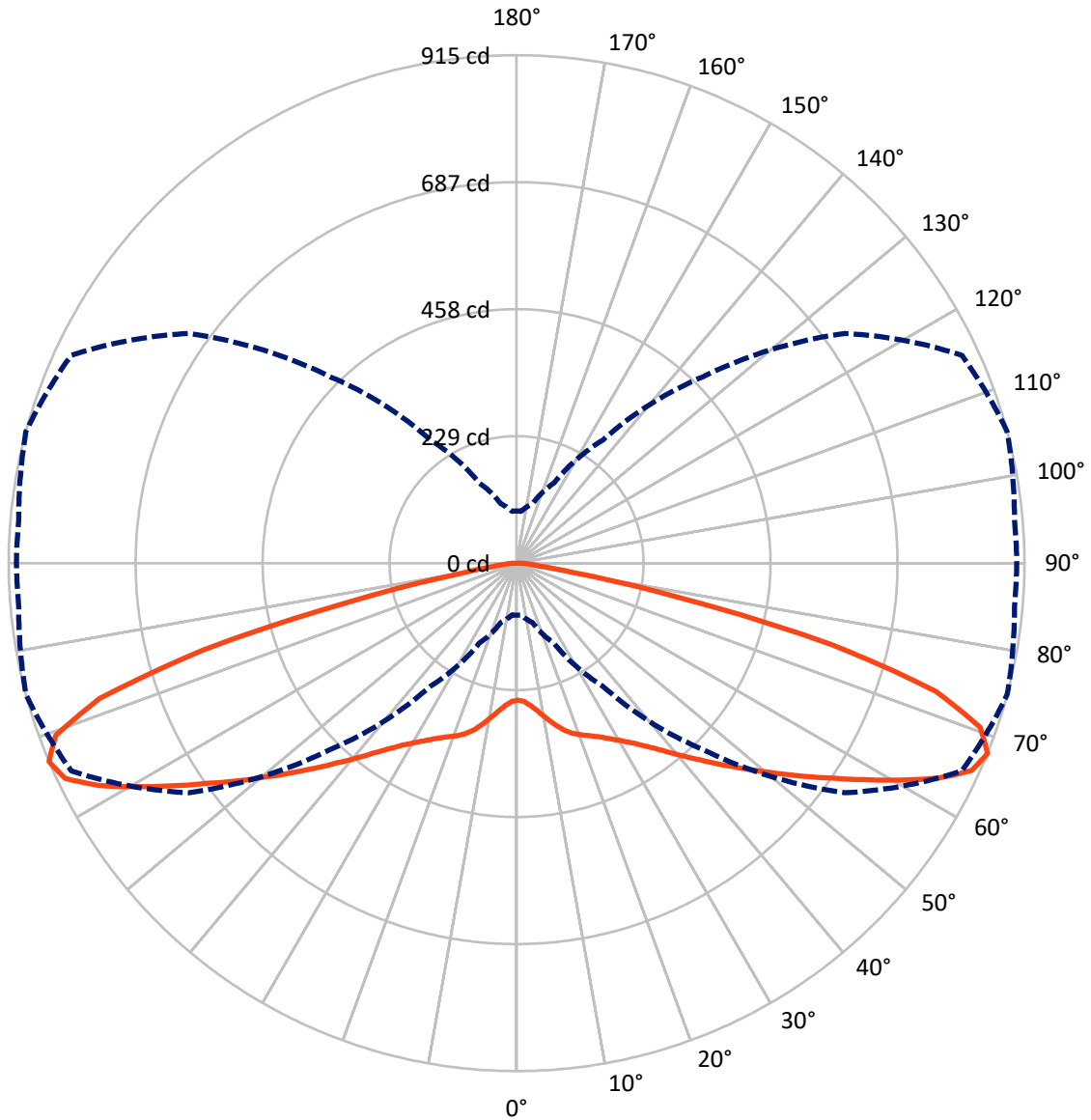
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.3 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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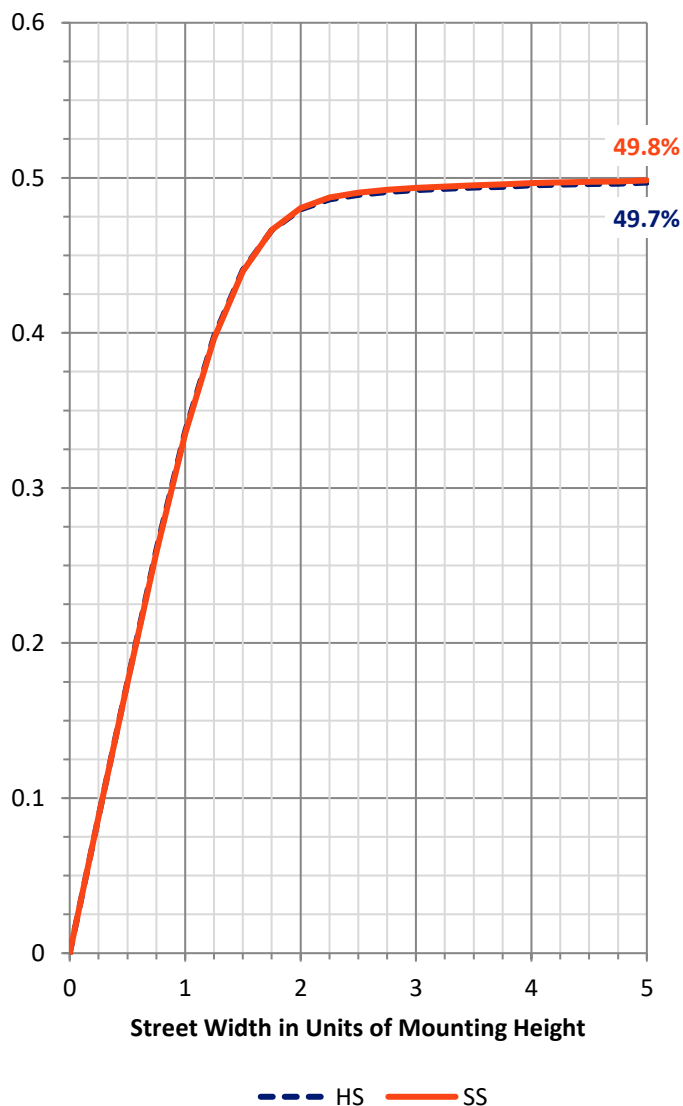
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1214.2	0.0	1214.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1214.2	0.0	1214.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	2428.4	0.0	2428.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.4	1.0
10°-20°	82.4	3.4
20°-30°	160.8	6.6
30°-40°	277.5	11.4
40°-50°	449.5	18.5
50°-60°	611.3	25.2
60°-70°	563.9	23.2
70°-80°	236.0	9.7
80°-90°	22.5	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°	2428.4	100.0
0°-180°	2428.4	100.0

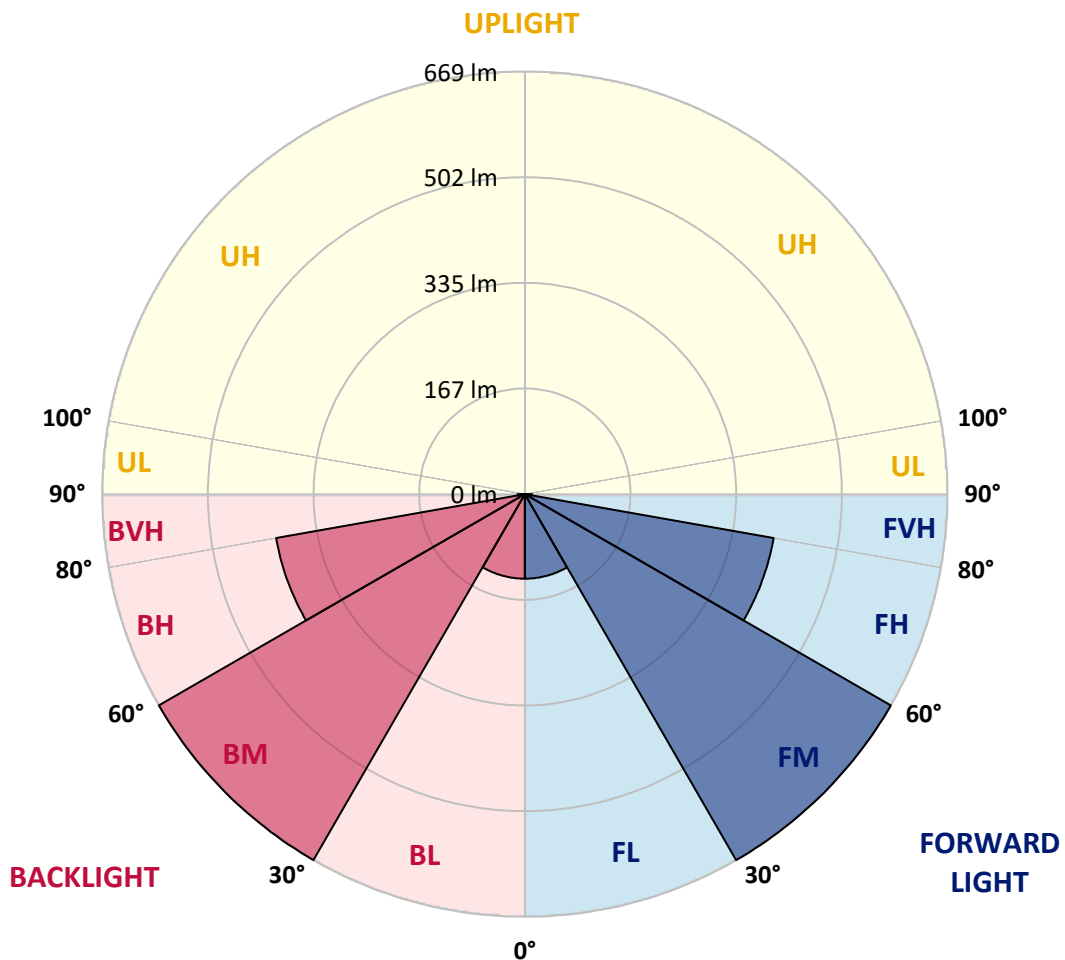


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	133.8	5.5			
FM (30°-60°)	669.1	27.6			
FH (60°-80°)	400.0	16.5			G0/660
FVH (80°-90°)	11.3	0.5			G1/100
BL (0°-30°)	133.8	5.5	B1/500		
BM (30°-60°)	669.1	27.6	B1/1000		
BH (60°-80°)	400.0	16.5	B1/500		G1/500
BVH (80°-90°)	11.3	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°	247.1	247.1	247.1	247.1	247.1	247.1	247.1	247.1	247.1	247.1	247.1
2.5°	245.5	245.5	246.2	247.1	247.4	248.1	248.3	248.3	249.3	249.2	249.3
5°	244.8	244.8	246.0	247.6	249.3	251.4	253.5	254.7	257.4	257.9	258.1
7.5°	245.5	245.7	247.4	250.0	253.0	256.8	260.8	264.2	268.5	270.1	271.1
10°	248.1	248.3	250.5	254.2	258.8	264.3	270.1	275.3	282.3	285.5	286.0
12.5°	252.1	252.3	255.6	261.5	268.0	275.0	281.5	288.1	296.8	301.5	302.6
15°	258.2	257.7	262.9	271.7	280.8	289.5	295.2	301.7	311.0	317.1	318.6
17.5°	266.6	267.0	273.4	284.6	295.8	304.7	310.4	314.1	322.1	328.4	330.0
20°	277.1	278.7	286.9	299.8	312.9	322.3	326.3	325.8	330.3	335.8	337.0
22.5°	291.9	293.0	302.9	317.4	332.4	342.2	343.8	338.0	337.8	341.3	342.9
25°	309.4	310.3	320.7	337.5	353.4	363.7	362.1	352.2	346.9	347.1	348.1
27.5°	329.8	331.6	342.4	359.5	375.9	385.3	383.1	368.6	358.3	355.1	354.4
30°	356.4	358.3	369.3	385.7	400.2	408.6	405.1	386.7	371.4	366.1	365.1
32.5°	390.9	390.7	402.1	418.0	428.1	433.5	426.7	405.9	386.6	379.6	378.2
35°	426.5	428.3	439.5	454.8	462.5	462.9	452.0	428.6	405.6	393.5	390.9
37.5°	466.7	467.6	480.5	495.0	500.0	497.3	481.2	455.2	428.6	415.9	411.4
40°	507.9	508.8	523.8	537.8	543.3	536.7	515.6	484.5	455.9	441.9	439.3
42.5°	546.1	548.4	565.2	581.6	587.0	579.3	553.8	516.6	484.7	471.2	467.7
45°	577.9	580.4	599.2	620.2	629.8	623.5	594.7	552.8	517.9	503.4	497.4
47.5°	601.8	605.0	625.1	650.2	668.9	667.7	638.2	591.0	553.5	536.4	531.0
50°	618.2	621.6	643.2	670.3	698.4	707.8	682.3	633.3	593.1	573.9	570.2
52.5°	619.5	622.4	647.2	680.9	718.5	739.2	725.8	677.8	636.8	616.9	614.2
55°	592.2	594.3	627.3	672.2	726.7	763.3	765.4	726.3	683.4	663.3	662.1
57.5°	529.7	532.7	572.2	631.5	713.1	778.9	799.8	777.1	736.1	717.2	716.2
60°	427.9	431.8	476.8	555.7	663.8	774.9	829.0	824.8	793.7	775.4	774.7
62.5°	301.9	303.3	350.2	437.2	567.4	732.3	843.1	871.2	853.4	834.9	836.0
65°	177.4	179.3	213.7	291.9	430.4	634.3	818.7	903.5	901.3	884.3	886.1
67.5°	93.8	93.8	111.0	159.6	270.6	474.9	721.4	885.7	915.4	900.6	901.4
70°	64.8	64.6	67.7	80.1	130.8	294.4	539.7	792.5	886.6	881.0	883.3
72.5°	54.8	54.5	54.6	56.4	66.5	133.0	327.7	610.4	790.4	799.0	800.9
75°	48.0	47.5	47.1	46.8	47.7	60.4	149.5	376.6	585.9	639.7	638.7
77.5°	41.4	41.0	40.7	39.5	38.1	39.6	61.1	169.4	301.4	355.7	351.8
80°	34.0	34.0	34.6	32.8	30.2	29.2	36.5	63.2	100.0	104.4	96.0
82.5°	26.7	26.7	29.3	26.9	23.7	21.1	25.3	33.7	40.7	33.0	26.9
85°	18.9	19.0	24.4	22.3	18.3	12.2	15.7	20.1	22.9	14.5	11.3
87.5°	7.7	8.2	15.2	12.0	11.5	6.1	7.3	8.9	11.3	6.1	4.9
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)