

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: P672797

Luminaire Tested: **CCP-SA-1A-727-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672797
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-727-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ RW distribution lens
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2327.4 lumens
Efficiency: N/A
Efficacy: 129.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

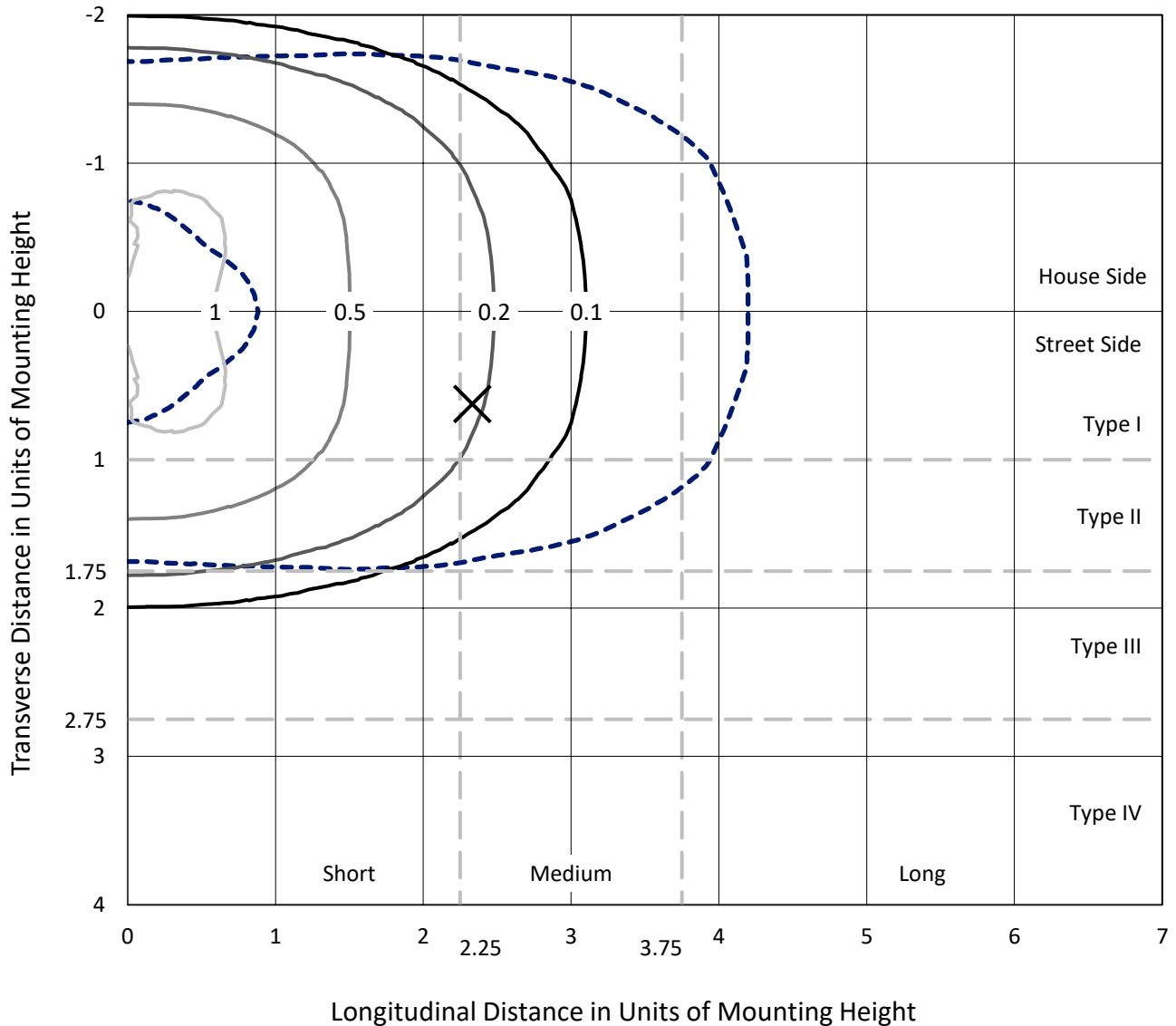
Input Watts (W): 18
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

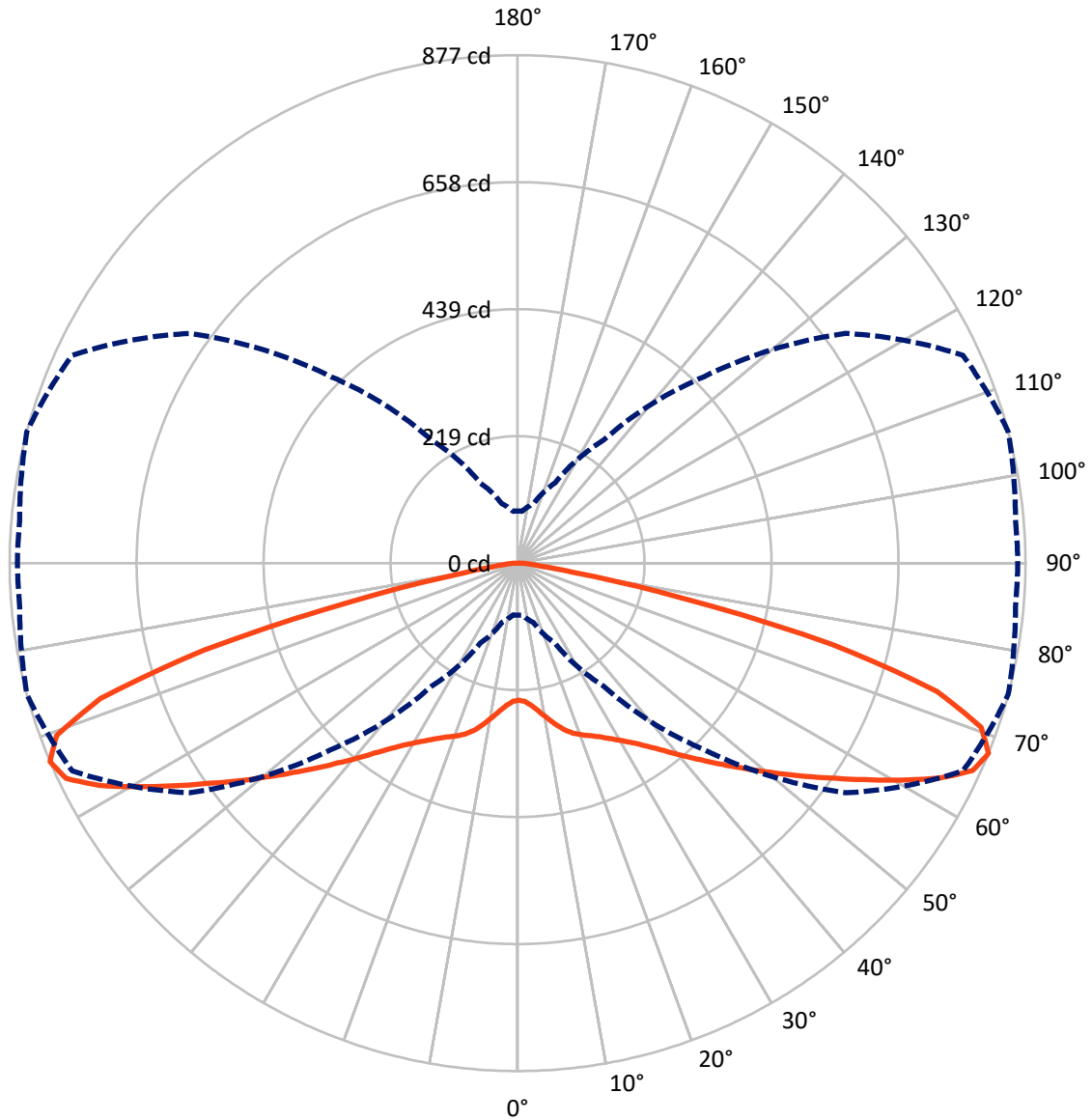
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.2 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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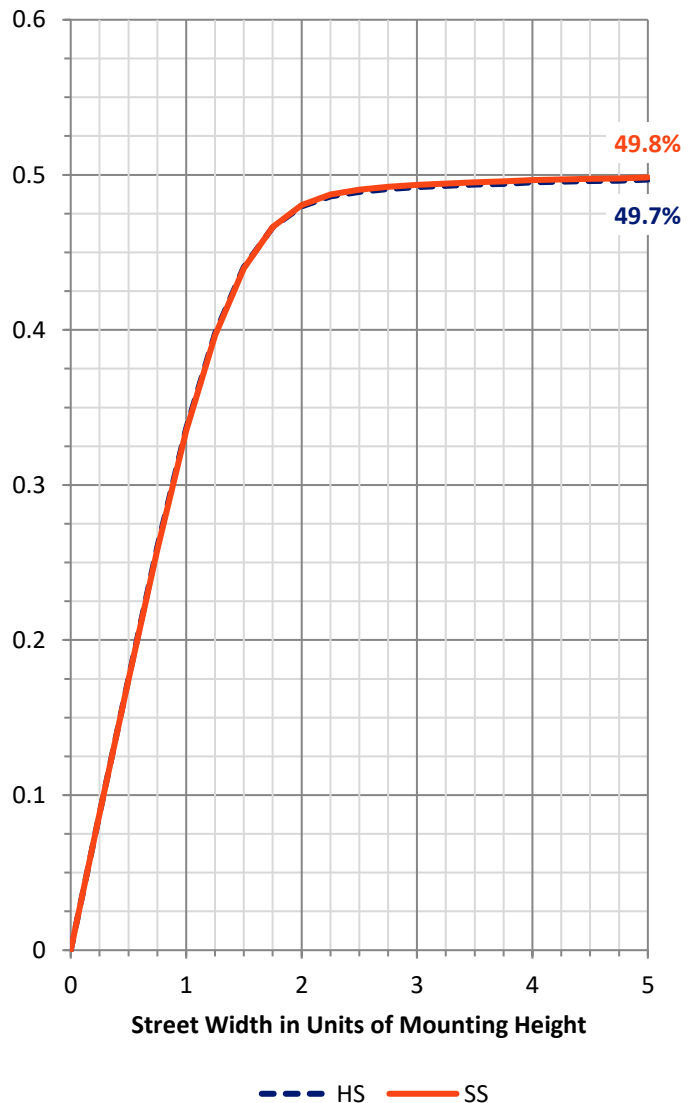
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1163.7	0.0	1163.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1163.7	0.0	1163.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	2327.4	0.0	2327.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.4	1.0
10°-20°	79.0	3.4
20°-30°	154.2	6.6
30°-40°	265.9	11.4
40°-50°	430.8	18.5
50°-60°	585.9	25.2
60°-70°	540.5	23.2
70°-80°	226.2	9.7
80°-90°	21.6	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°	2327.4	100.0
0°-180°	2327.4	100.0



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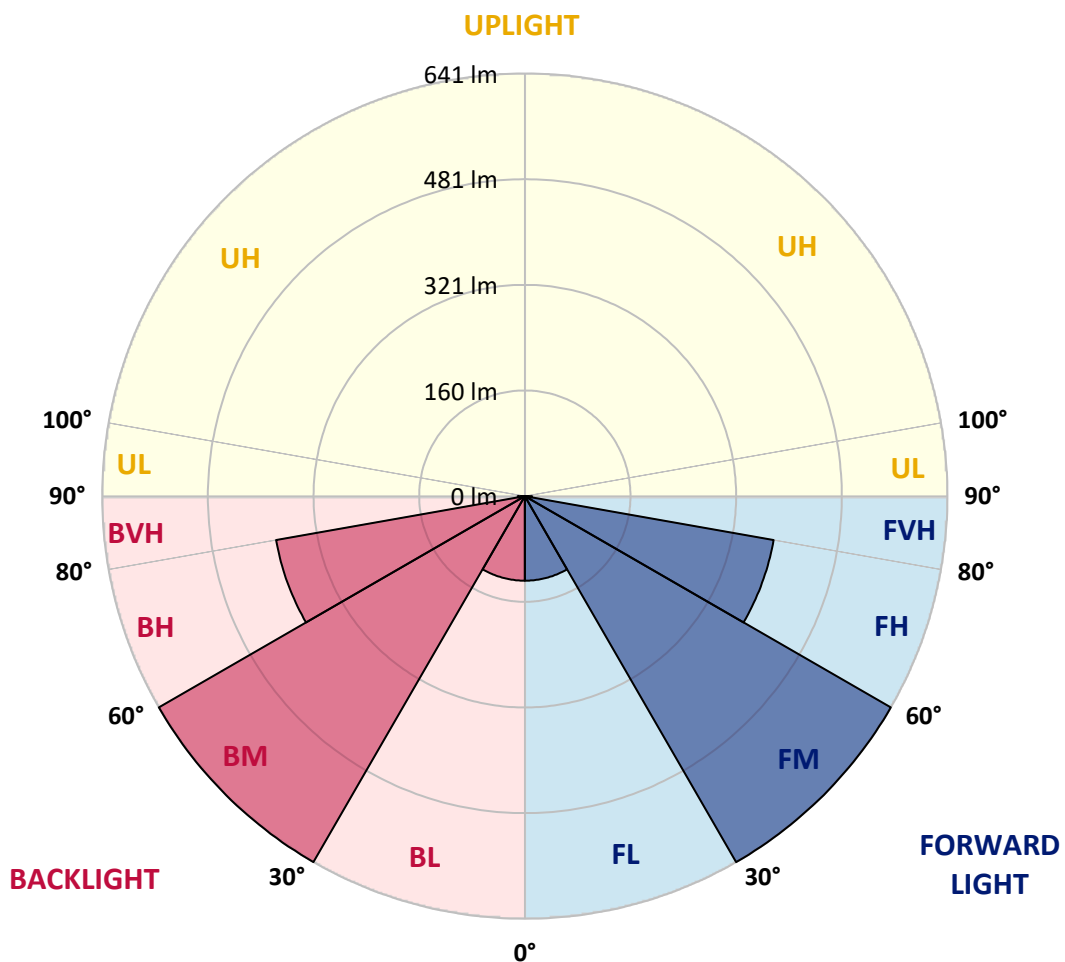
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	128.3	5.5			
FM (30°-60°)	641.3	27.6			
FH (60°-80°)	383.3	16.5			G0/660
FVH (80°-90°)	10.8	0.5			G1/100
BL (0°-30°)	128.3	5.5	B1/500		
BM (30°-60°)	641.3	27.6	B1/1000		
BH (60°-80°)	383.3	16.5	B1/500		G1/500
BVH (80°-90°)	10.8	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°	236.8	236.8	236.8	236.8	236.8	236.8	236.8	236.8	236.8	236.8	236.8
2.5°	235.3	235.3	235.9	236.8	237.1	237.8	237.9	237.9	239.0	238.8	239.0
5°	234.6	234.6	235.8	237.3	239.0	241.0	243.0	244.1	246.7	247.2	247.3
7.5°	235.3	235.4	237.1	239.6	242.5	246.1	250.0	253.2	257.4	258.9	259.9
10°	237.8	237.9	240.1	243.6	248.0	253.3	258.9	263.9	270.6	273.6	274.1
12.5°	241.6	241.8	245.0	250.7	256.9	263.6	269.7	276.1	284.5	289.0	290.0
15°	247.5	247.0	252.0	260.4	269.1	277.4	283.0	289.2	298.0	303.9	305.4
17.5°	255.5	255.9	262.0	272.8	283.5	292.0	297.5	301.0	308.7	314.8	316.3
20°	265.6	267.1	274.9	287.3	299.9	308.9	312.7	312.2	316.6	321.8	323.0
22.5°	279.8	280.8	290.3	304.2	318.6	328.0	329.5	324.0	323.8	327.1	328.6
25°	296.5	297.4	307.4	323.5	338.7	348.6	347.1	337.5	332.5	332.7	333.7
27.5°	316.1	317.8	328.1	344.5	360.3	369.3	367.1	353.2	343.4	340.4	339.7
30°	341.5	343.4	353.9	369.6	383.5	391.6	388.2	370.6	355.9	350.9	349.9
32.5°	374.7	374.5	385.4	400.6	410.3	415.5	409.0	389.1	370.5	363.8	362.4
35°	408.8	410.5	421.2	435.9	443.3	443.6	433.2	410.8	388.7	377.2	374.7
37.5°	447.3	448.1	460.5	474.4	479.2	476.6	461.2	436.2	410.8	398.6	394.2
40°	486.8	487.6	502.0	515.4	520.7	514.4	494.1	464.4	436.9	423.5	421.0
42.5°	523.4	525.6	541.7	557.4	562.6	555.2	530.8	495.1	464.5	451.6	448.3
45°	553.9	556.2	574.3	594.4	603.6	597.6	569.9	529.8	496.3	482.4	476.7
47.5°	576.8	579.8	599.1	623.2	641.1	639.9	611.6	566.4	530.4	514.1	508.9
50°	592.5	595.7	616.5	642.4	669.3	678.4	653.9	606.9	568.4	550.0	546.5
52.5°	593.7	596.5	620.3	652.6	688.6	708.5	695.6	649.6	610.3	591.2	588.7
55°	567.6	569.6	601.2	644.2	696.4	731.6	733.6	696.1	654.9	635.7	634.5
57.5°	507.7	510.5	548.4	605.2	683.4	746.5	766.6	744.8	705.5	687.4	686.4
60°	410.1	413.8	457.0	532.6	636.2	742.6	794.5	790.5	760.7	743.1	742.5
62.5°	289.3	290.7	335.7	419.0	543.8	701.8	808.1	835.0	817.9	800.2	801.2
65°	170.0	171.9	204.8	279.8	412.5	607.9	784.6	866.0	863.8	847.5	849.2
67.5°	89.9	89.9	106.4	152.9	259.4	455.1	691.4	848.9	877.3	863.1	863.9
70°	62.1	61.9	64.9	76.8	125.3	282.1	517.2	759.5	849.7	844.4	846.5
72.5°	52.5	52.2	52.4	54.0	63.8	127.5	314.1	585.0	757.5	765.7	767.6
75°	46.0	45.5	45.2	44.8	45.7	57.9	143.2	360.9	561.6	613.1	612.1
77.5°	39.7	39.3	39.0	37.8	36.5	38.0	58.6	162.3	288.8	340.9	337.2
80°	32.6	32.6	33.1	31.5	28.9	27.9	35.0	60.6	95.9	100.1	92.0
82.5°	25.6	25.6	28.1	25.8	22.8	20.2	24.3	32.3	39.0	31.6	25.8
85°	18.1	18.2	23.4	21.4	17.6	11.7	15.1	19.2	21.9	13.9	10.9
87.5°	7.4	7.9	14.6	11.5	11.0	5.9	7.0	8.5	10.9	5.9	4.7
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)