

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: P682591

Luminaire Tested: **CCP-SA-2-AMB-U-5NQ**

Issue Date: 04/26/2023

Test Information

Test Method: LM-79-08
Report Number: P682591
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2-AMB-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @500mA w/ 5NQ
distribution lens
Light Source: (16) 1620 CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

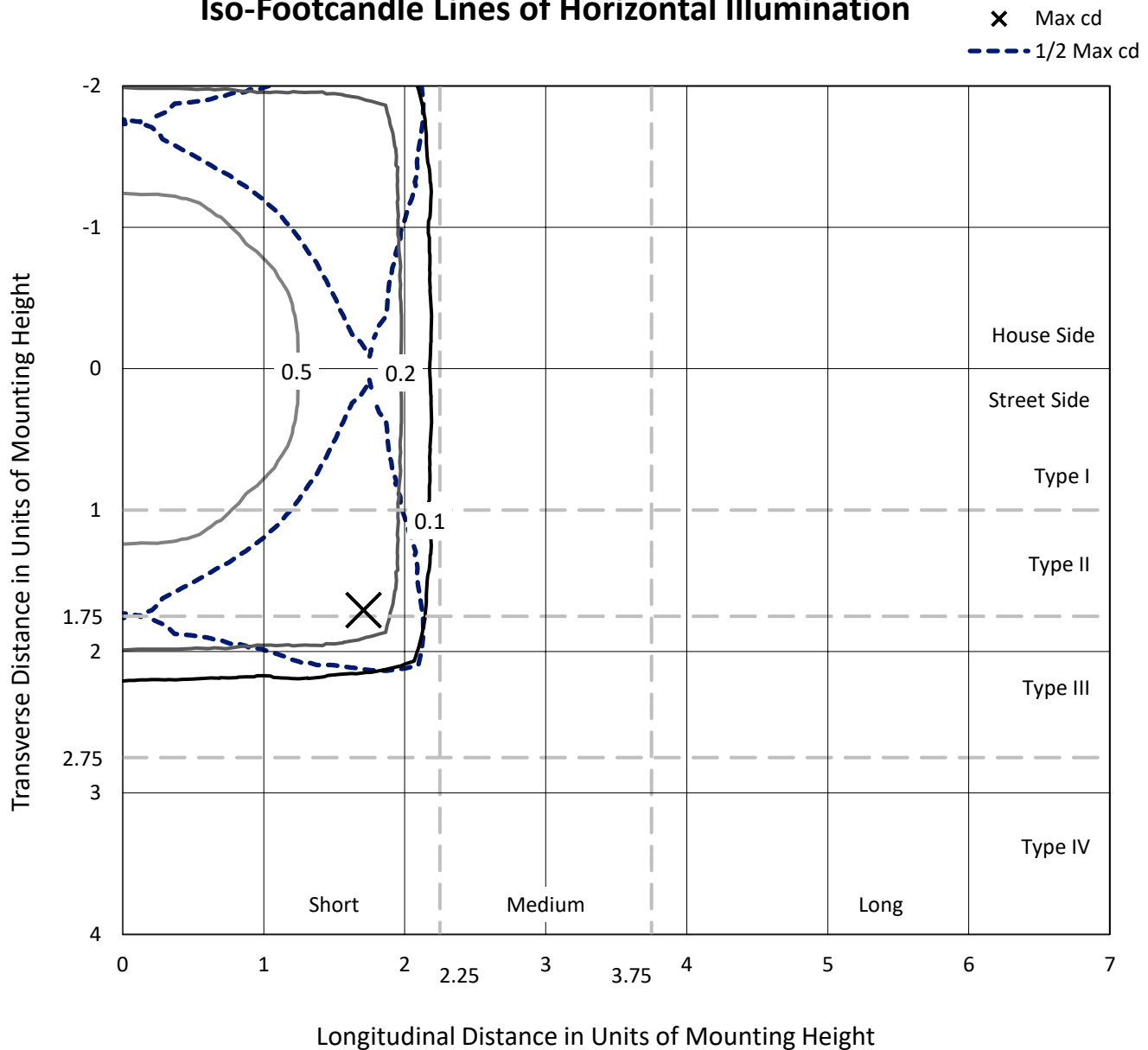
Lumens per Lamp: N/A
Luminaire Lumens: 1818.9 lumens
Efficiency: N/A
Efficacy: 45.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B1 - U0 - G0

Input Watts (W): 40.2
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

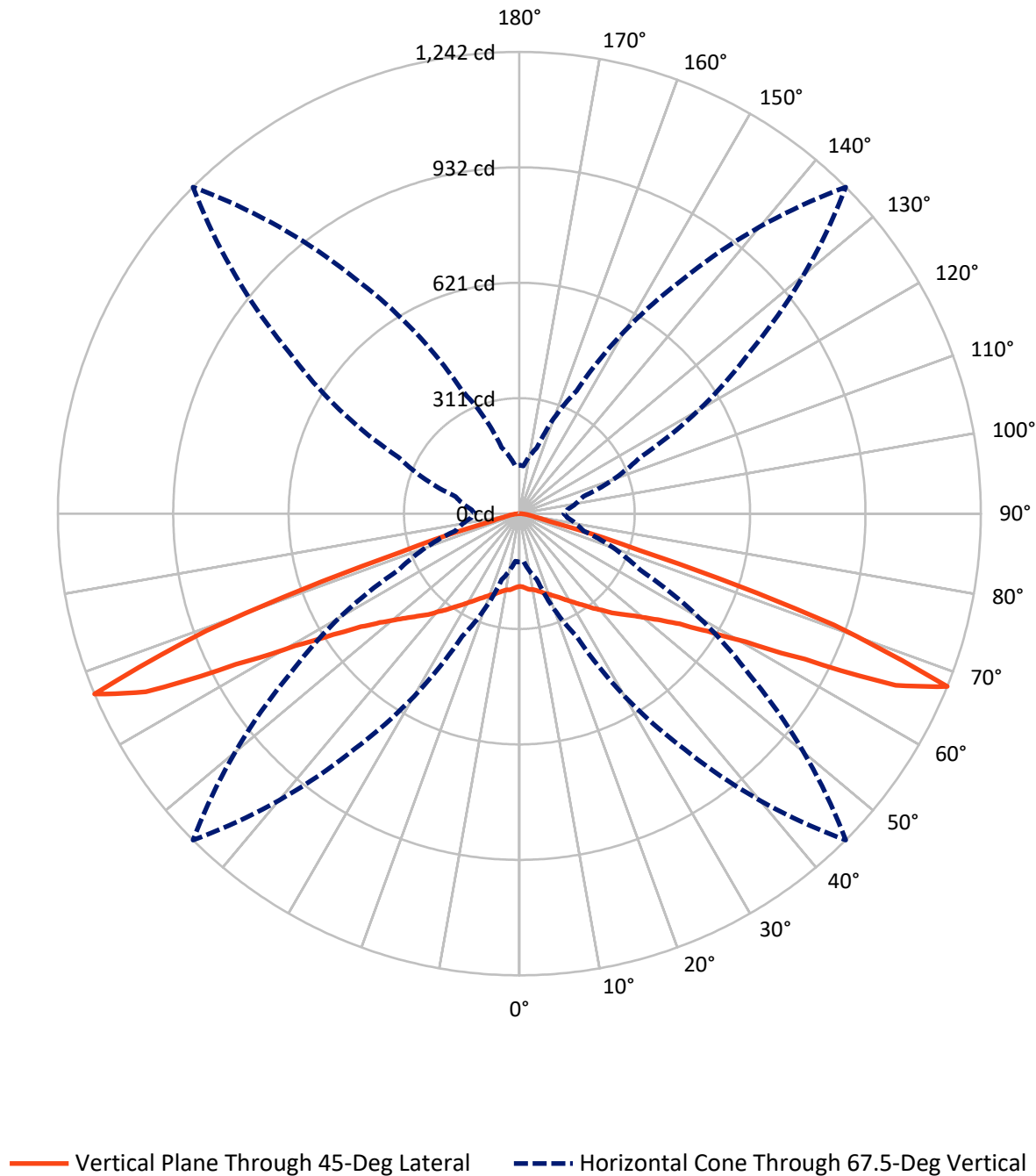


Based on 15 foot mounting height. Maximum calculated value = 0.9 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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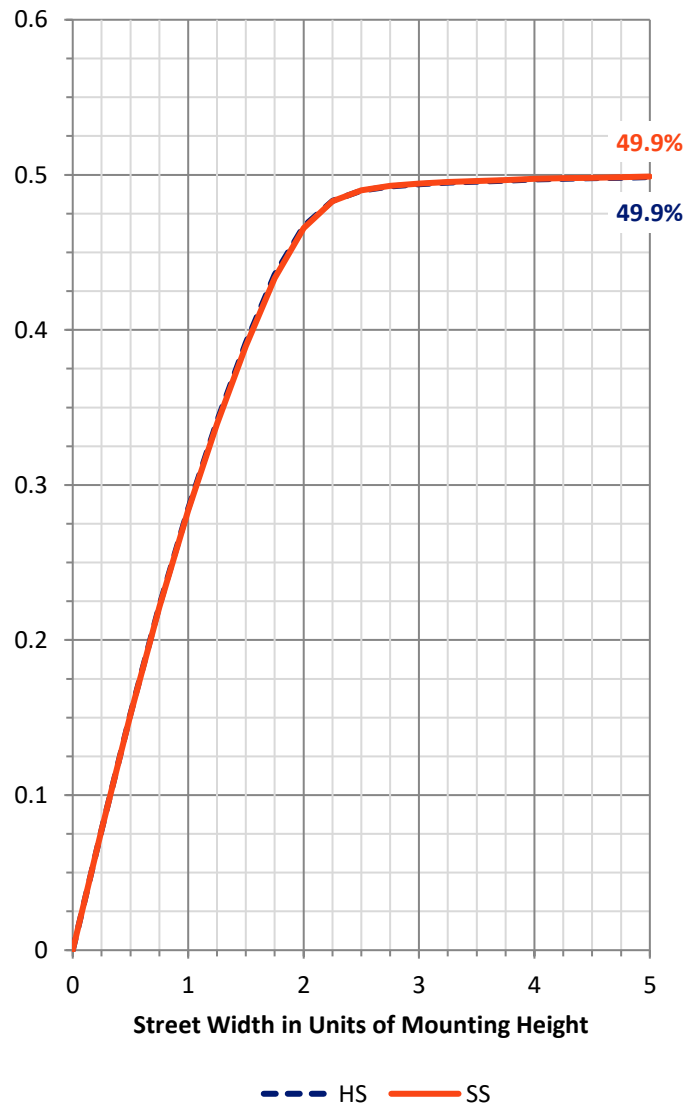
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	909.4	0.0	909.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	909.4	0.0	909.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	1818.9	0.0	1818.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.4	1.1
10°-20°	62.4	3.4
20°-30°	116.7	6.4
30°-40°	193.8	10.7
40°-50°	307.4	16.9
50°-60°	484.1	26.6
60°-70°	551.5	30.3
70°-80°	74.1	4.1
80°-90°	9.5	0.5
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°	1818.9	100.0
0°-180°	1818.9	100.0

Coefficient of Utilization



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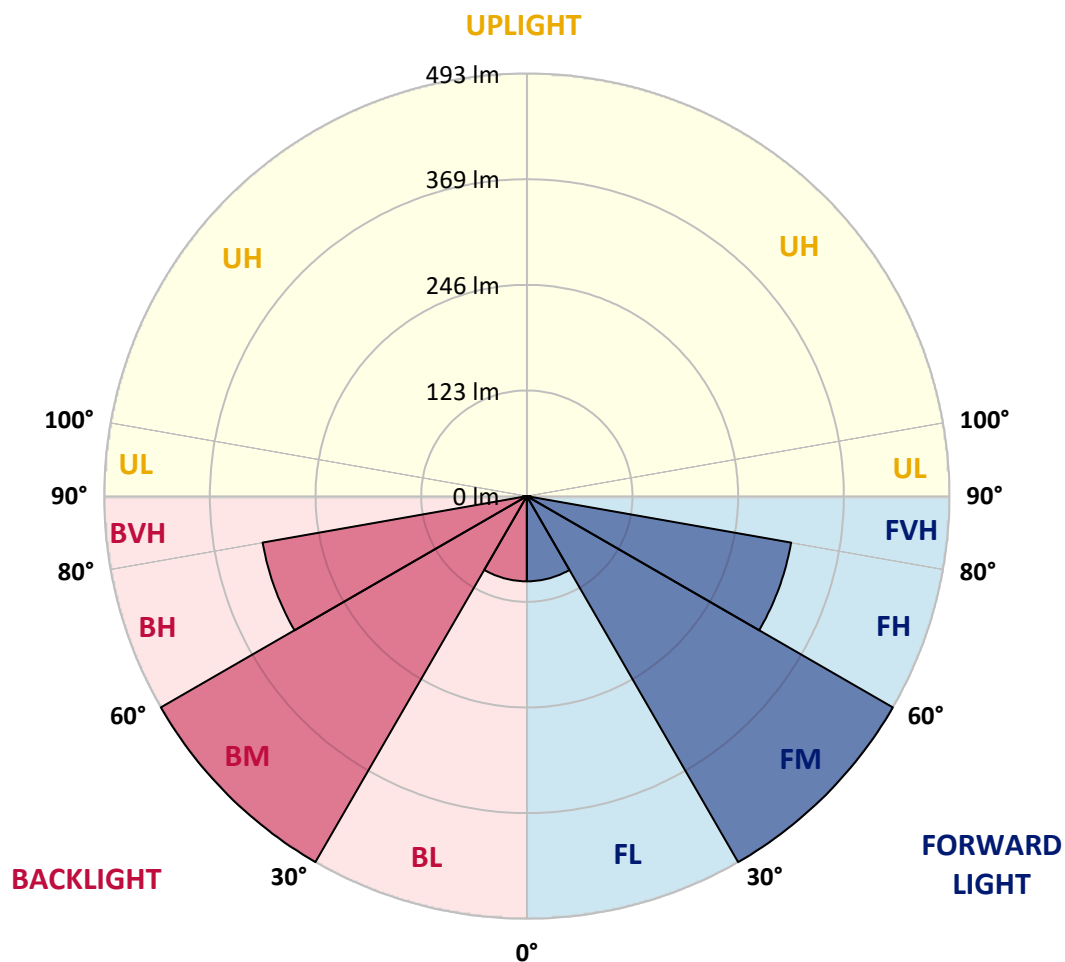
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	99.3	5.5			
FM	(30°-60°)	492.7	27.1			
FH	(60°-80°)	312.8	17.2			G0/660
FVH	(80°-90°)	4.7	0.3			G0/10
BL	(0°-30°)	99.3	5.5	B0/110		
BM	(30°-60°)	492.7	27.1	B1/1000		
BH	(60°-80°)	312.8	17.2	B1/500		G0/660
BVH	(80°-90°)	4.7	0.3			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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	196.0	196.0	196.0	196.0	196.0	196.0	196.0	196.0	196.0	196.0	196.0
2.5°	199.0	197.5	197.5	197.5	197.5	197.5	197.5	196.0	197.5	197.5	197.5
5°	202.0	202.0	200.5	202.0	202.0	202.0	202.0	200.5	200.5	202.0	202.0
7.5°	205.0	205.0	205.0	205.0	205.0	205.0	205.0	205.0	205.0	205.0	205.0
10°	209.5	208.0	208.0	208.0	208.0	208.0	208.0	208.0	208.0	208.0	208.0
12.5°	212.5	211.0	211.0	212.5	212.5	212.5	212.5	212.5	212.5	212.5	212.5
15°	218.5	217.0	217.0	217.0	217.0	218.5	218.5	218.5	218.5	218.5	218.5
17.5°	226.0	224.5	224.5	224.5	224.5	226.0	226.0	224.5	226.0	226.0	224.5
20°	231.9	230.4	230.4	231.9	230.4	231.9	231.9	231.9	233.4	231.9	231.9
22.5°	239.4	237.9	237.9	239.4	239.4	240.9	239.4	239.4	240.9	239.4	239.4
25°	249.9	248.4	248.4	249.9	249.9	249.9	249.9	249.9	251.4	249.9	248.4
27.5°	261.9	260.4	260.4	263.4	261.9	261.9	261.9	261.9	263.4	260.4	260.4
30°	272.3	272.3	272.3	275.3	273.8	273.8	273.8	275.3	275.3	272.3	270.8
32.5°	288.8	285.8	287.3	290.3	288.8	288.8	287.3	288.8	288.8	285.8	284.3
35°	306.8	303.8	306.8	309.8	305.3	303.8	303.8	306.8	309.8	305.3	302.3
37.5°	321.7	320.2	324.7	327.7	324.7	323.2	324.7	326.2	329.2	324.7	320.2
40°	342.7	339.7	344.2	348.7	344.2	341.2	344.2	347.2	350.2	344.2	341.2
42.5°	368.1	363.6	371.1	375.6	368.1	365.1	369.6	374.1	377.1	369.6	365.1
45°	392.1	390.6	398.0	401.0	392.1	386.1	393.6	399.5	401.0	395.0	392.1
47.5°	414.5	413.0	423.5	428.0	417.5	410.0	419.0	426.5	426.5	417.5	413.0
50°	439.9	435.5	450.4	457.9	448.9	439.9	450.4	457.9	453.4	441.4	436.9
52.5°	472.9	472.9	484.8	492.3	484.8	475.9	487.8	492.3	486.3	475.9	469.9
55°	516.3	514.8	532.7	537.2	532.7	523.7	534.2	534.2	532.7	517.8	513.3
57.5°	558.2	561.2	582.1	597.1	598.6	597.1	600.1	594.1	585.1	568.6	564.1
60°	603.0	601.6	634.5	662.9	686.8	700.3	689.8	665.9	639.0	606.0	597.1
62.5°	555.2	552.2	619.5	716.8	805.1	863.4	809.6	712.3	615.0	550.7	535.7
65°	378.6	369.6	459.4	630.0	887.4	1113.3	885.9	625.5	438.4	350.2	330.7
67.5°	130.2	128.7	184.1	363.6	772.1	1242.0	755.7	359.1	178.1	130.2	119.7
70°	55.4	55.4	68.8	115.2	375.6	897.8	369.6	110.7	58.4	49.4	46.4
72.5°	37.4	37.4	40.4	50.9	115.2	336.7	94.3	47.9	37.4	34.4	32.9
75°	28.4	28.4	29.9	35.9	49.4	80.8	46.4	34.4	29.9	26.9	25.4
77.5°	20.9	20.9	22.4	26.9	34.4	43.4	32.9	26.9	22.4	19.5	19.5
80°	13.5	15.0	16.5	18.0	22.4	29.9	23.9	19.5	18.0	15.0	13.5
82.5°	9.0	9.0	12.0	13.5	13.5	19.5	15.0	15.0	13.5	10.5	9.0
85°	4.5	6.0	7.5	7.5	7.5	7.5	9.0	10.5	9.0	6.0	6.0
87.5°	1.5	1.5	3.0	3.0	3.0	3.0	4.5	6.0	6.0	3.0	3.0
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)