

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: P672409

Luminaire Tested: **CCP-SA-1A-750-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672409
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-750-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5WQ
distribution lens
Light Source: (16) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2933.1 lumens
Efficiency: N/A
Efficacy: 162.9 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): 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

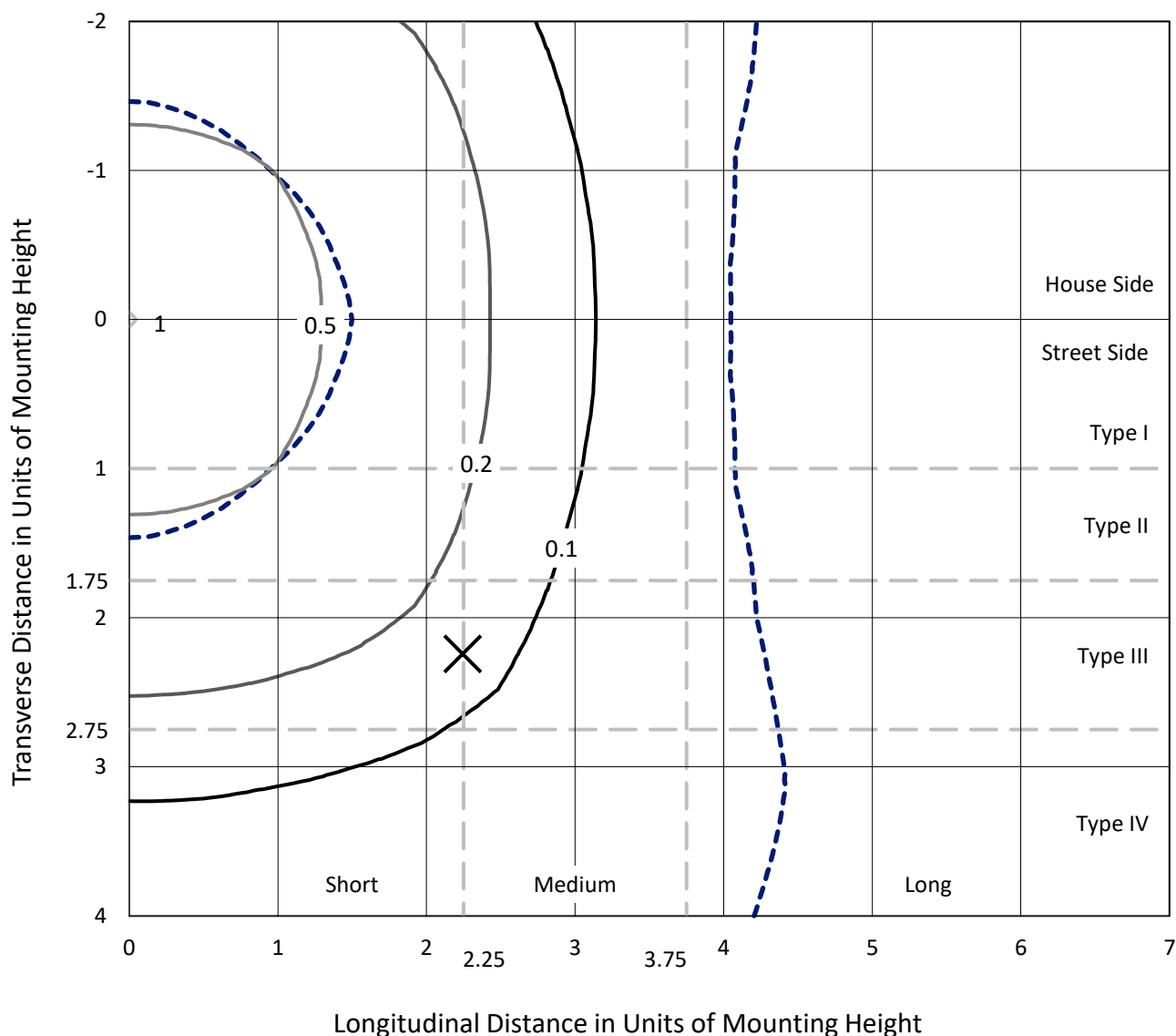
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

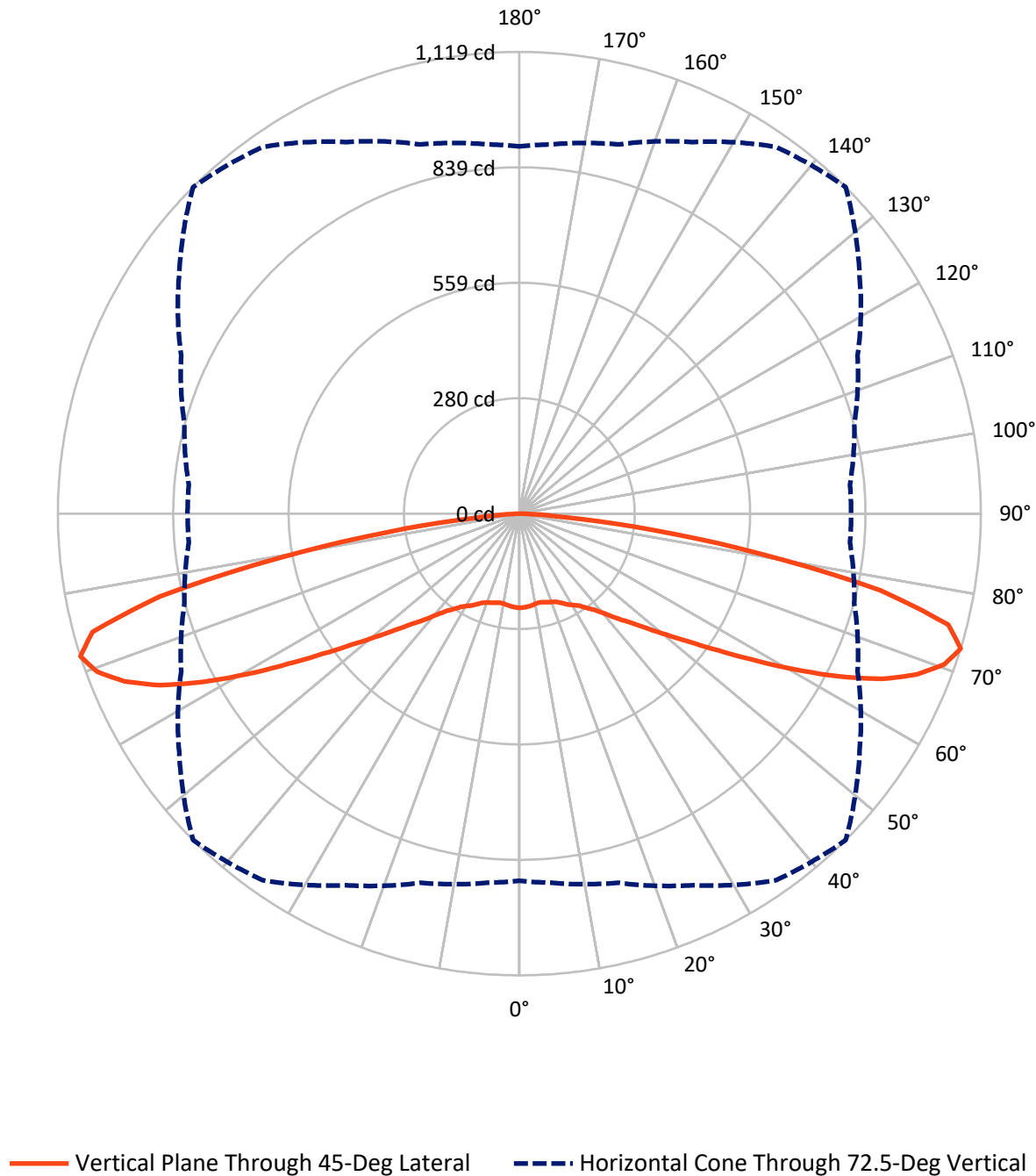


Based on 15 foot mounting height. Maximum calculated value = 1 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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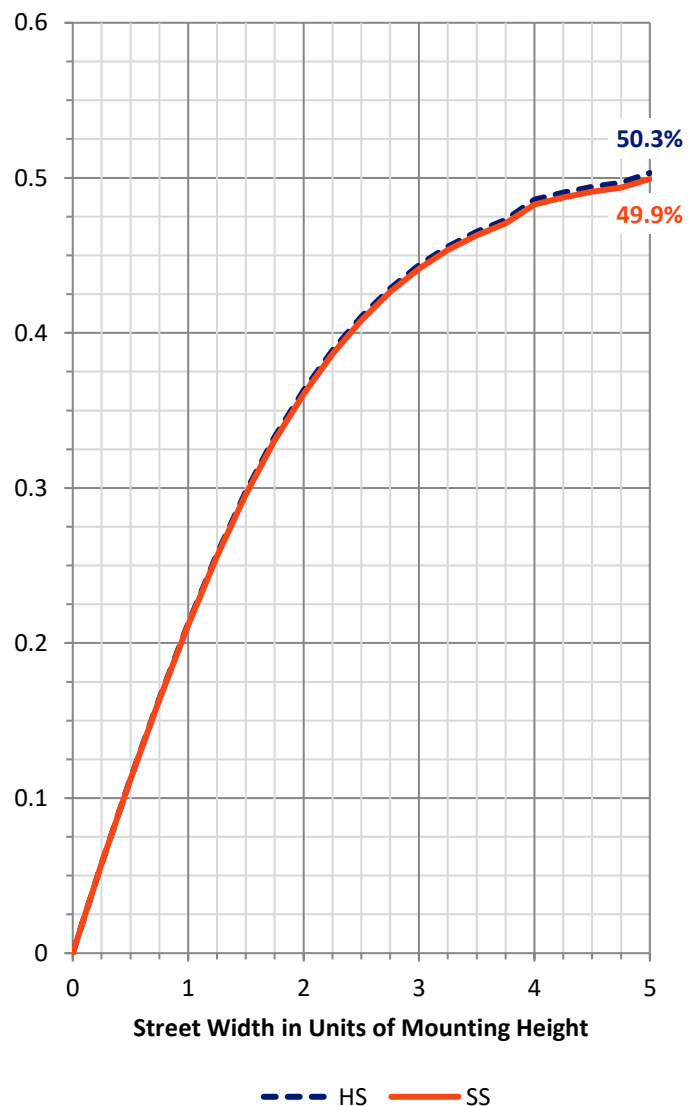
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1466.5	0.0	1466.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1466.5	0.0	1466.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	2933.1	0.0	2933.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.4	0.7
10°-20°	63.7	2.2
20°-30°	111.9	3.8
30°-40°	178.5	6.1
40°-50°	298.5	10.2
50°-60°	510.9	17.4
60°-70°	843.4	28.8
70°-80°	808.3	27.6
80°-90°	96.4	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°	2933.1	100.0
0°-180°	2933.1	100.0

Coefficient of Utilization



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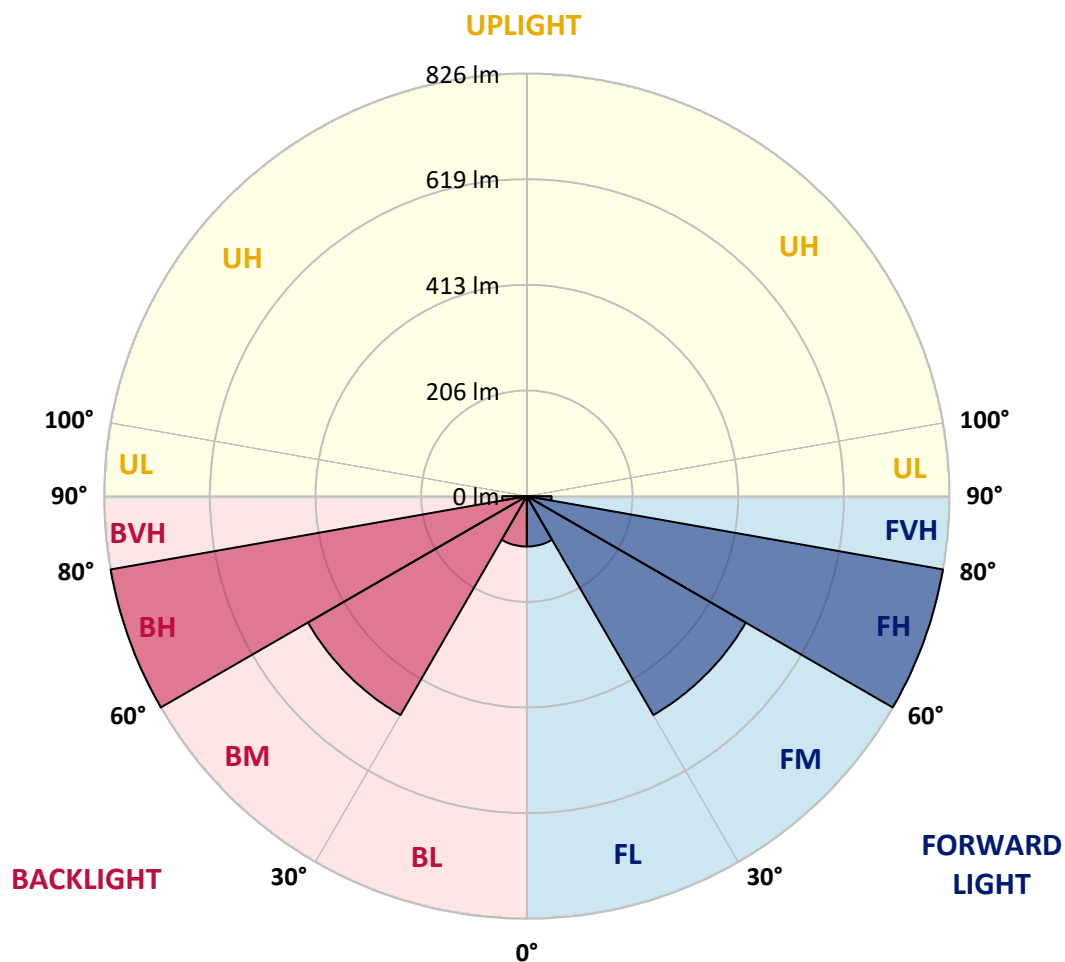
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	98.5	3.4			
FM	(30°-60°)	494.0	16.8			
FH	(60°-80°)	825.8	28.2			G1/1800
FVH	(80°-90°)	48.2	1.6			G1/100
BL	(0°-30°)	98.5	3.4	B0/110		
BM	(30°-60°)	494.0	16.8	B1/1000		
BH	(60°-80°)	825.8	28.2	B2/1000		G1/1800
BVH	(80°-90°)	48.2	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°	228.4	228.4	228.4	228.4	228.4	228.4	228.4	228.4	228.4	228.4	228.4
2.5°	227.0	227.0	227.6	227.8	227.6	227.4	227.2	227.0	227.6	227.4	227.6
5°	226.4	226.4	226.6	226.8	226.4	226.2	225.7	225.5	225.9	225.9	226.4
7.5°	224.7	224.5	224.7	224.9	224.3	224.1	223.5	223.5	223.5	223.3	223.7
10°	223.3	222.9	222.9	222.5	221.4	221.6	220.8	221.4	222.5	222.7	222.9
12.5°	223.9	223.5	223.1	222.1	220.6	220.8	220.6	221.2	222.7	223.5	224.1
15°	226.8	226.4	225.3	223.5	222.7	222.7	222.3	222.5	224.5	225.7	226.4
17.5°	229.8	229.0	227.2	225.9	225.1	225.7	224.3	224.1	225.7	227.6	228.2
20°	232.3	231.7	229.4	228.0	228.0	228.6	227.2	226.4	228.2	230.5	231.1
22.5°	236.6	236.2	233.9	232.5	232.5	232.7	231.9	231.3	233.3	235.6	236.2
25°	242.7	242.7	240.5	239.9	239.7	240.1	239.0	238.4	240.3	241.9	242.5
27.5°	249.9	249.3	247.4	247.0	247.8	249.3	247.4	245.8	247.2	248.7	248.9
30°	257.5	257.5	255.8	255.8	256.4	257.1	255.4	253.8	255.2	256.9	257.1
32.5°	268.1	267.5	266.9	267.1	266.9	266.1	265.2	265.0	266.3	267.3	267.7
35°	281.2	281.0	280.2	280.6	280.6	280.6	278.1	277.3	279.4	280.2	279.8
37.5°	301.5	301.3	299.2	298.0	296.6	295.9	292.9	292.7	297.6	300.0	299.6
40°	326.2	325.4	323.6	321.5	319.7	318.5	315.4	317.6	322.8	324.6	324.6
42.5°	353.2	352.2	350.2	349.2	347.9	346.7	342.6	343.6	349.8	351.6	349.6
45°	386.4	385.0	382.7	380.5	378.6	376.2	374.1	375.1	381.7	383.9	382.3
47.5°	421.6	421.2	419.4	417.5	415.9	414.2	411.6	413.4	419.1	418.7	415.5
50°	458.9	459.7	459.9	461.7	460.5	460.7	455.8	454.8	459.3	456.6	452.5
52.5°	499.0	500.2	504.5	508.2	514.9	515.8	509.6	503.1	502.2	495.3	491.0
55°	545.4	545.2	554.6	564.9	579.8	584.5	570.8	558.5	551.8	538.3	533.8
57.5°	598.0	597.4	611.7	629.7	656.8	668.4	643.3	619.9	603.6	587.4	582.7
60°	655.1	656.6	674.0	703.2	749.9	766.1	728.0	689.3	664.3	643.3	641.4
62.5°	721.8	722.1	742.5	782.2	842.8	868.8	816.4	764.0	732.3	709.2	704.2
65°	800.6	802.1	824.0	864.1	933.7	965.8	905.4	841.6	804.1	772.8	772.2
67.5°	881.5	880.7	900.7	943.3	1010.4	1040.1	976.9	905.6	856.9	817.8	812.7
70°	933.3	937.8	959.5	1000.2	1064.5	1093.3	1016.4	930.4	879.4	843.6	841.2
72.5°	889.7	898.1	926.1	993.6	1084.7	1118.9	1006.9	904.8	840.6	804.5	804.5
75°	722.3	736.2	775.3	879.2	1014.7	1073.9	932.2	791.8	698.3	659.8	659.8
77.5°	440.0	453.3	506.1	633.0	819.5	895.2	759.9	596.4	488.1	441.0	434.9
80°	146.3	154.9	206.7	321.7	503.1	595.8	509.2	338.7	218.6	166.6	165.8
82.5°	38.9	42.4	58.9	93.3	218.4	322.8	232.9	111.7	64.1	49.7	45.8
85°	13.5	14.5	25.0	31.1	55.5	106.8	64.9	40.5	31.1	18.8	17.6
87.5°	3.9	4.3	10.0	10.8	16.0	12.5	17.6	16.2	14.7	6.1	5.5
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)