

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: P672643

Luminaire Tested: **CCP-SA-1B-722-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672643
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1B-722-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5NQ
distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2647.3 lumens
Efficiency: N/A
Efficacy: 110.3 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): 24
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

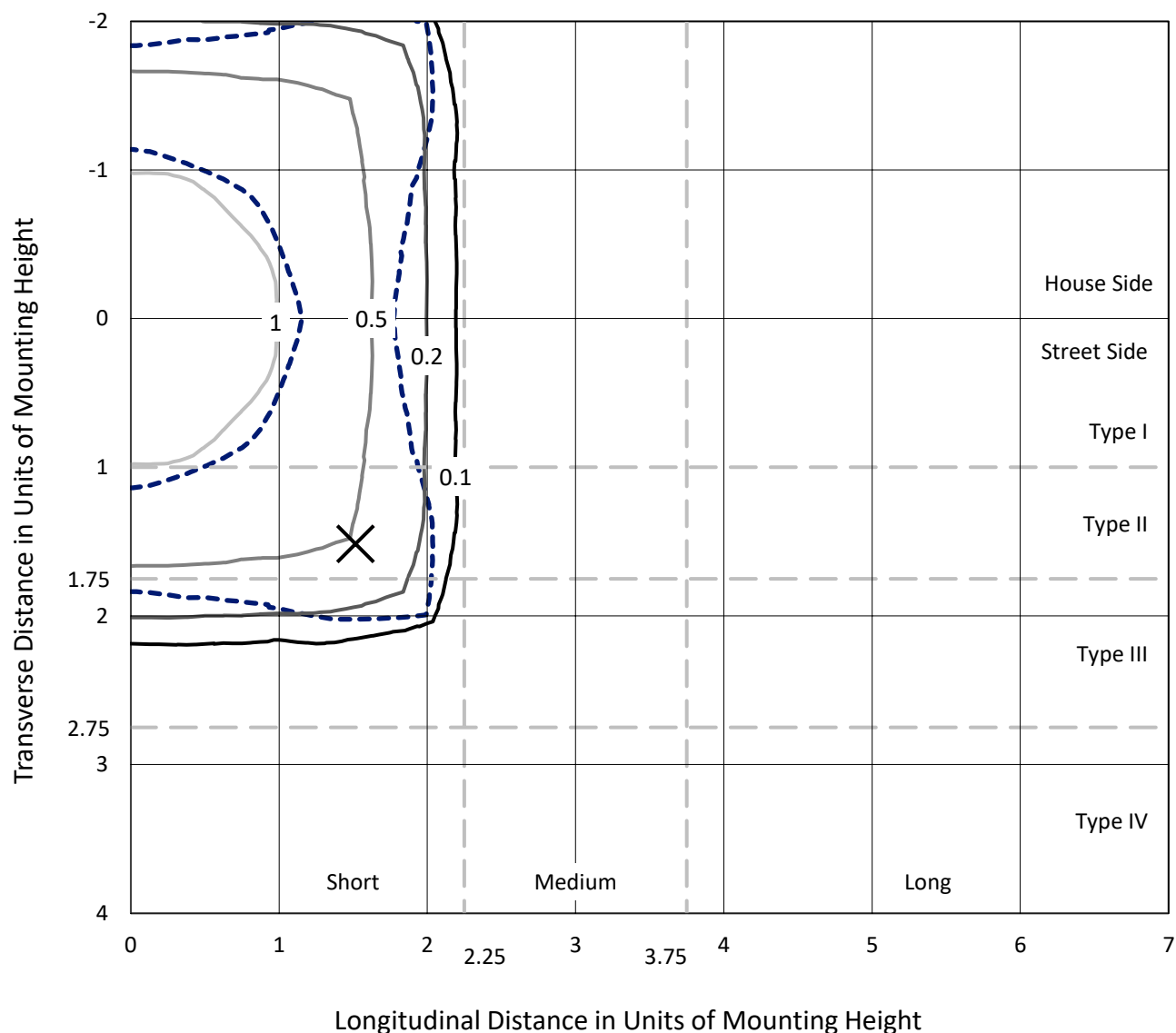
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

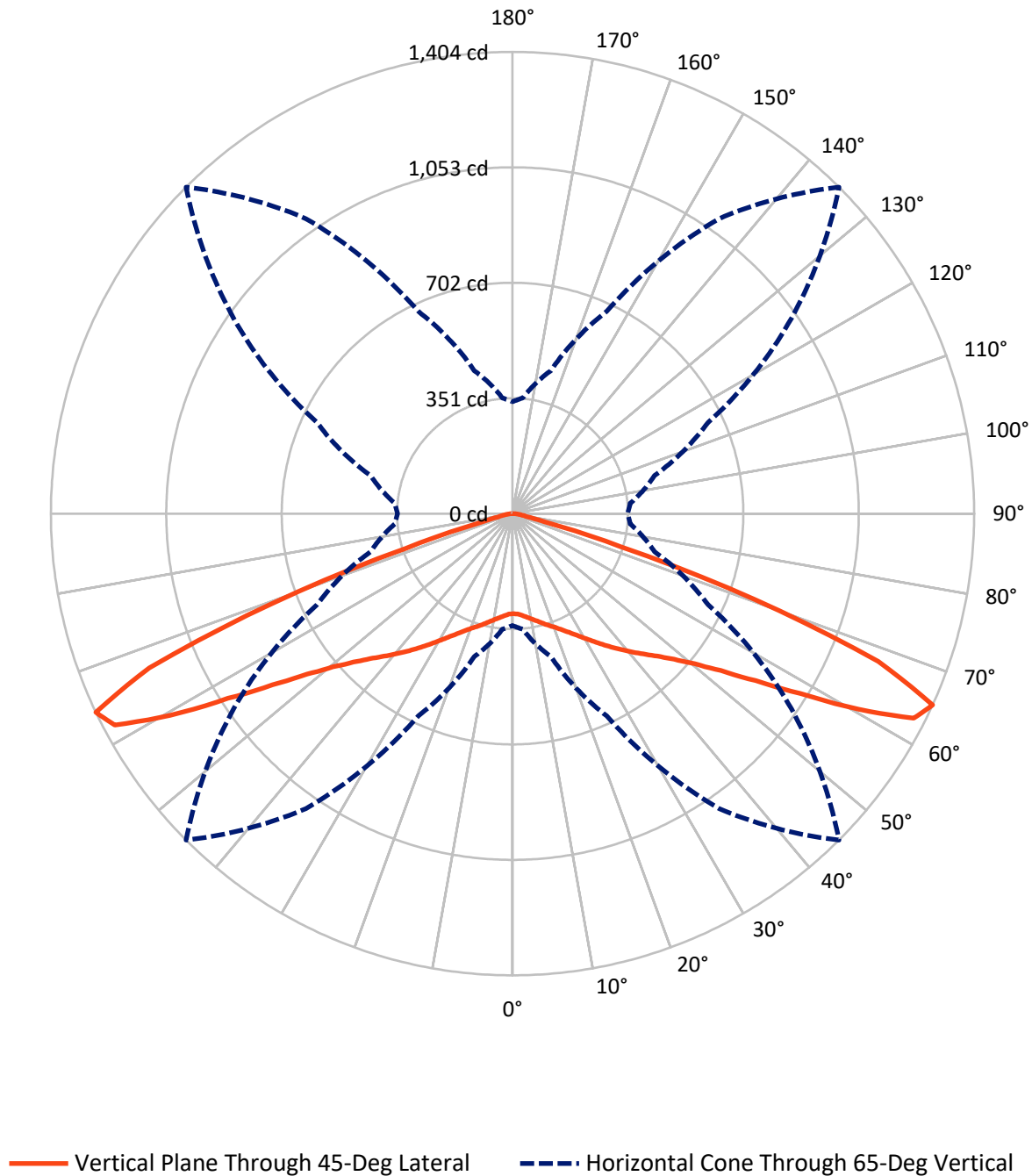


Based on 15 foot mounting height. Maximum calculated value = 1.4 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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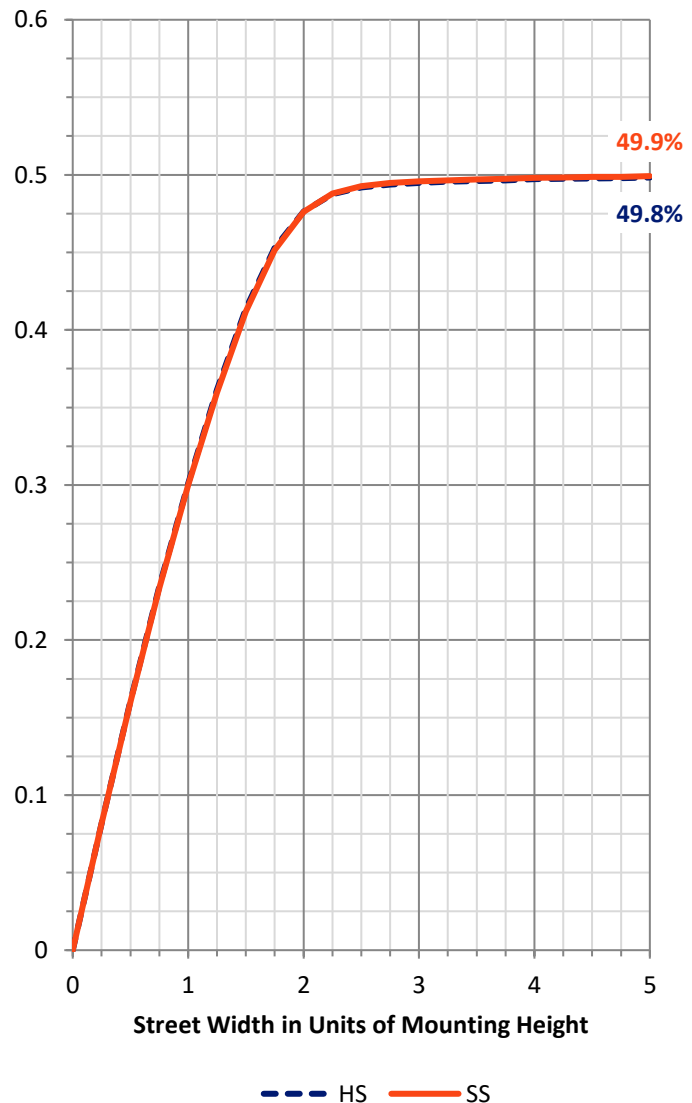
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1323.6	0.0	1323.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1323.6	0.0	1323.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	2647.3	0.0	2647.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.1	1.1
10°-20°	98.4	3.7
20°-30°	186.7	7.1
30°-40°	313.0	11.8
40°-50°	495.4	18.7
50°-60°	778.2	29.4
60°-70°	657.5	24.8
70°-80°	76.6	2.9
80°-90°	11.4	0.4
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°	2647.3	100.0
0°-180°	2647.3	100.0

Coefficient of Utilization



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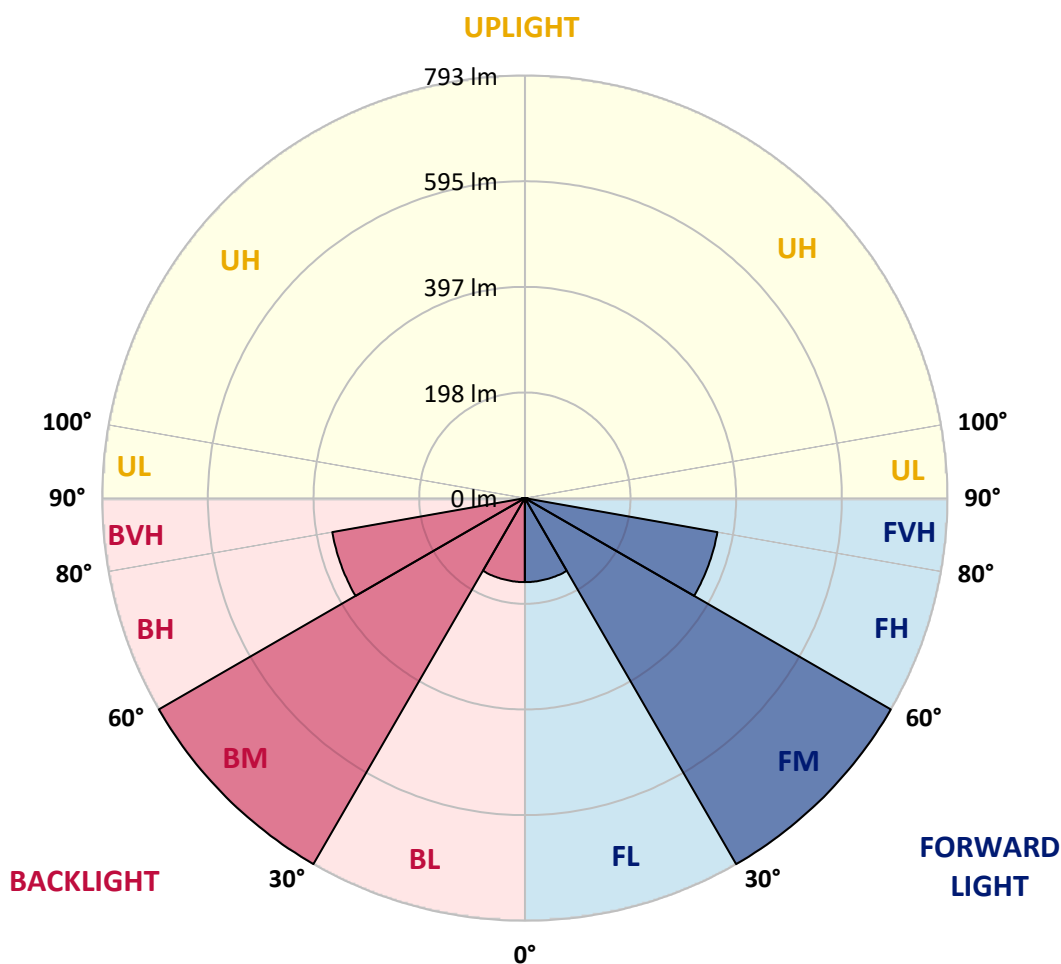
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	157.6	6.0			
FM	(30°-60°)	793.3	30.0			
FH	(60°-80°)	367.0	13.9			G0/660
FVH	(80°-90°)	5.7	0.2			G0/10
BL	(0°-30°)	157.6	6.0	B1/500		
BM	(30°-60°)	793.3	30.0	B1/1000		
BH	(60°-80°)	367.0	13.9	B1/500		G0/660
BVH	(80°-90°)	5.7	0.2			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°	304.4	304.4	304.4	304.4	304.4	304.4	304.4	304.4	304.4	304.4	304.4
2.5°	306.1	305.1	306.1	306.1	305.5	305.7	304.9	304.8	305.7	304.9	304.8
5°	312.4	311.6	312.4	311.8	310.9	311.1	310.0	309.6	310.7	309.6	309.8
7.5°	319.6	318.3	318.7	319.3	318.3	318.3	317.4	316.9	317.4	316.3	317.0
10°	325.8	324.7	325.2	326.0	325.8	326.3	325.4	325.0	324.5	323.2	324.3
12.5°	333.8	333.4	334.2	335.1	334.7	335.5	333.4	332.9	332.7	331.2	332.5
15°	344.2	343.3	344.6	345.7	345.1	346.4	344.8	344.0	343.1	341.2	342.3
17.5°	354.6	353.9	355.7	356.3	356.5	357.6	356.3	355.2	354.8	353.5	352.8
20°	367.1	366.2	367.6	368.8	367.8	369.1	368.6	367.8	367.5	365.4	365.2
22.5°	381.0	379.7	382.0	383.3	382.0	383.3	382.2	382.0	382.2	379.2	379.6
25°	396.7	396.9	399.1	400.0	399.3	400.0	398.3	399.5	398.9	395.7	394.6
27.5°	416.8	416.0	418.4	421.2	419.4	419.4	418.6	419.7	419.6	416.6	415.8
30°	440.2	440.0	443.6	445.2	442.6	441.5	441.3	444.1	444.3	441.1	439.8
32.5°	464.8	464.8	469.0	471.1	467.4	466.6	465.9	469.6	469.0	464.8	462.0
35°	491.7	490.6	496.4	499.4	495.7	493.4	493.0	496.4	495.7	489.7	486.4
37.5°	518.4	519.1	525.8	529.1	524.7	521.9	522.8	525.1	525.2	518.7	515.2
40°	550.9	551.1	559.5	562.1	556.3	552.0	553.3	558.4	558.0	550.0	545.5
42.5°	587.4	586.6	597.1	599.3	591.5	583.3	587.2	595.0	596.9	587.9	583.3
45°	626.5	627.6	638.4	640.8	628.5	618.1	626.5	638.2	640.6	630.9	625.1
47.5°	673.9	675.2	688.2	689.2	675.2	661.6	672.8	688.0	689.0	675.6	668.9
50°	728.0	732.5	747.0	748.9	735.1	717.6	733.6	747.2	743.7	725.8	719.7
52.5°	789.4	793.0	815.7	823.5	811.4	792.6	805.4	813.8	802.5	779.0	769.5
55°	841.7	847.7	877.8	901.6	910.7	896.6	895.1	882.8	851.2	815.5	805.6
57.5°	856.4	862.2	908.9	970.3	1024.4	1031.5	998.8	937.2	869.1	814.0	803.9
60°	796.7	804.5	872.8	989.1	1144.4	1208.4	1090.1	941.8	822.7	748.9	736.2
62.5°	625.7	640.2	728.4	910.7	1192.8	1369.6	1127.7	861.6	683.0	595.8	579.0
65°	340.3	352.8	450.1	678.7	1094.8	1404.0	1035.6	656.0	446.7	359.1	350.0
67.5°	127.6	136.8	181.4	335.5	774.0	1200.2	786.1	375.6	202.8	145.5	132.7
70°	54.3	55.4	65.7	116.8	351.8	780.9	402.4	127.6	67.7	54.7	53.2
72.5°	39.1	39.3	42.0	51.7	107.2	342.5	121.7	53.6	41.3	37.2	37.2
75°	31.3	31.4	33.1	37.4	50.6	100.8	52.5	37.6	32.0	29.2	28.8
77.5°	24.6	24.9	26.6	29.2	33.9	46.1	35.5	29.6	25.7	23.1	22.7
80°	18.2	18.8	21.0	22.3	23.8	30.7	25.9	23.1	20.5	17.7	17.1
82.5°	12.1	12.7	15.6	16.6	16.4	19.3	17.9	17.7	15.6	11.7	11.2
85°	7.3	7.6	10.0	10.8	10.0	9.5	11.3	12.3	11.0	7.6	7.1
87.5°	3.2	3.2	4.5	4.7	4.5	3.5	5.4	6.3	6.5	3.9	3.5
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)