

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: P672699

Luminaire Tested: **CCP-SA-1C-750-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672699
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-750-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5NQ
distribution lens
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4812.6 lumens
Efficiency: N/A
Efficacy: 150.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

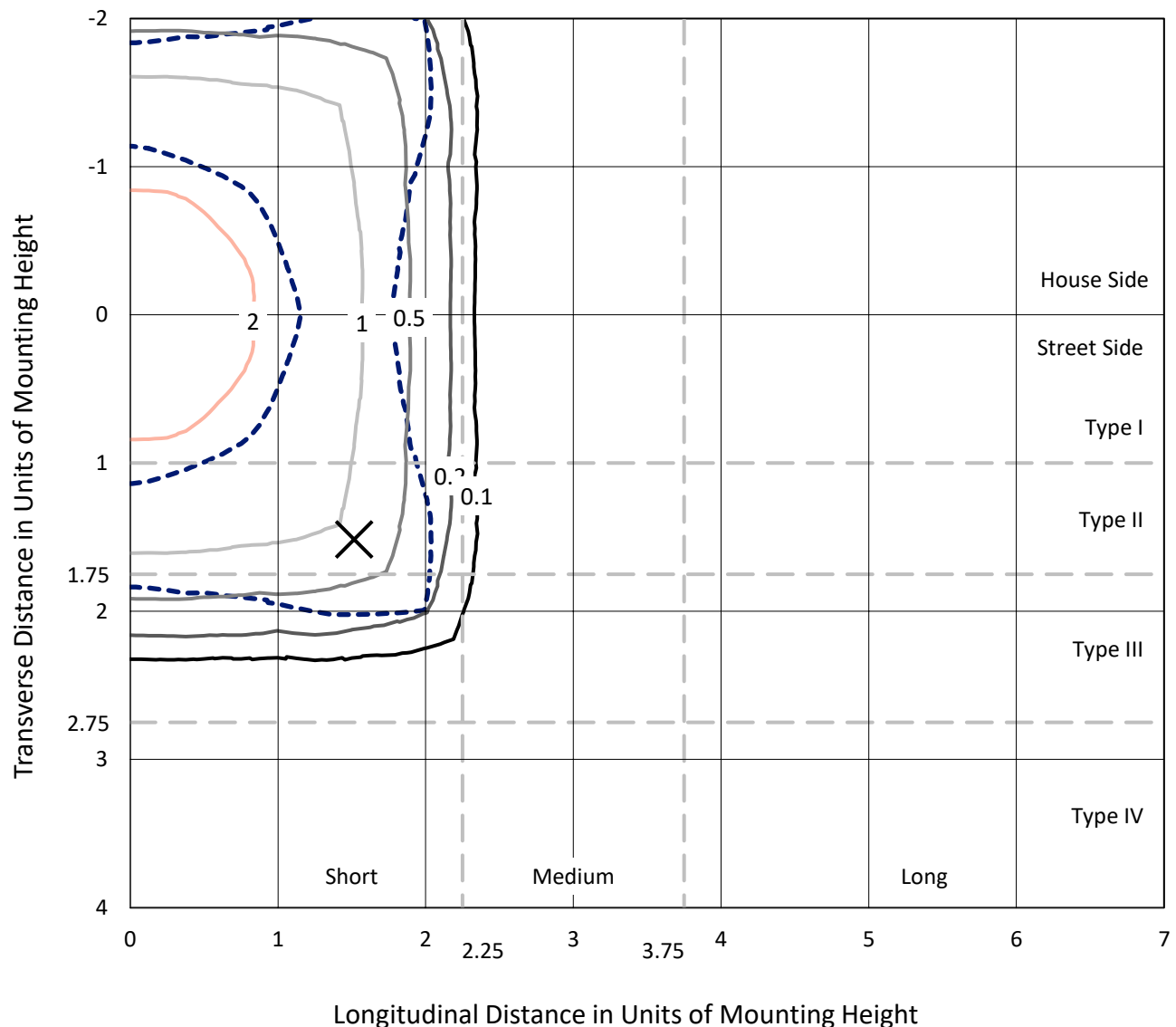
Input Watts (W): 32
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

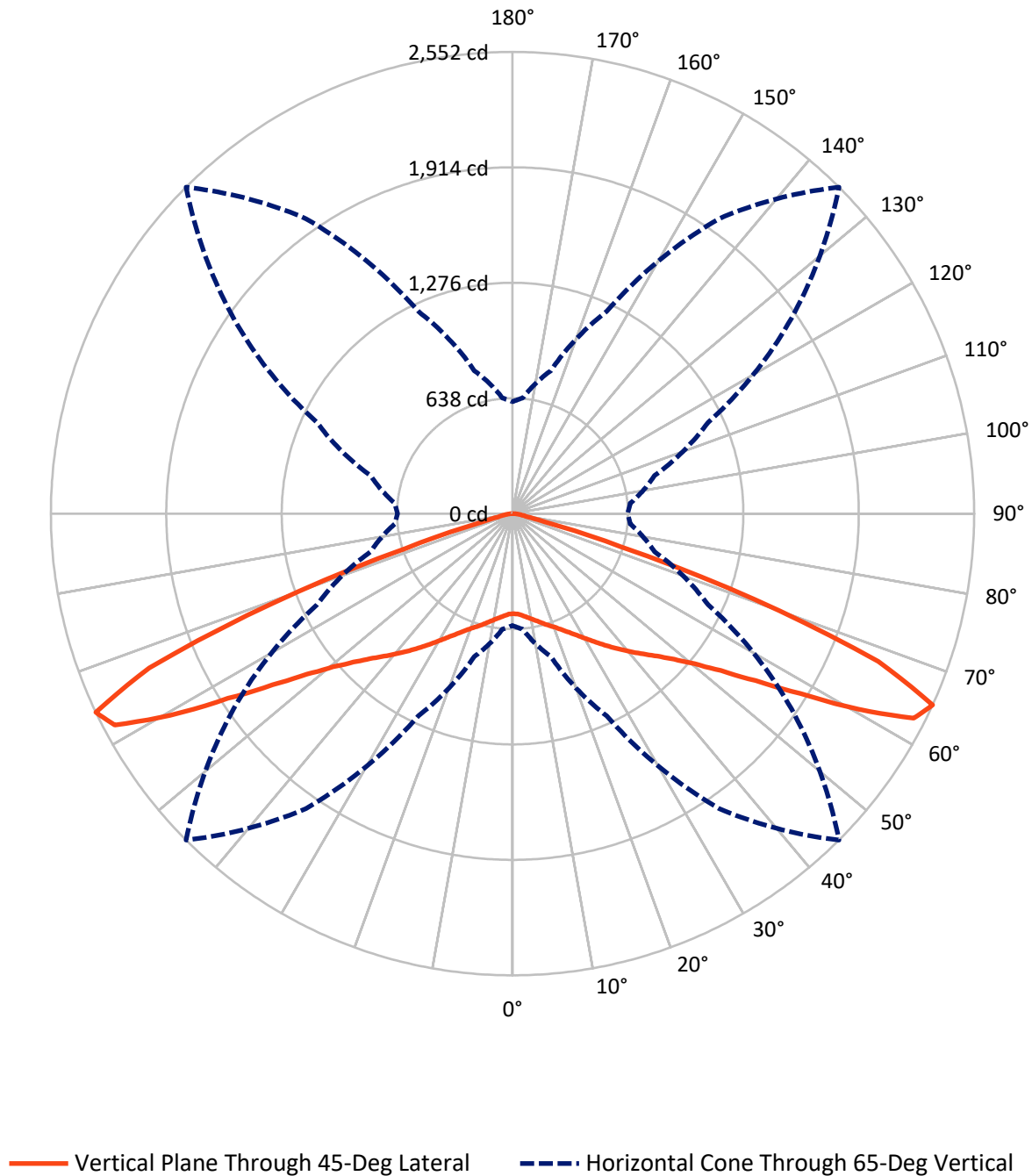
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.5 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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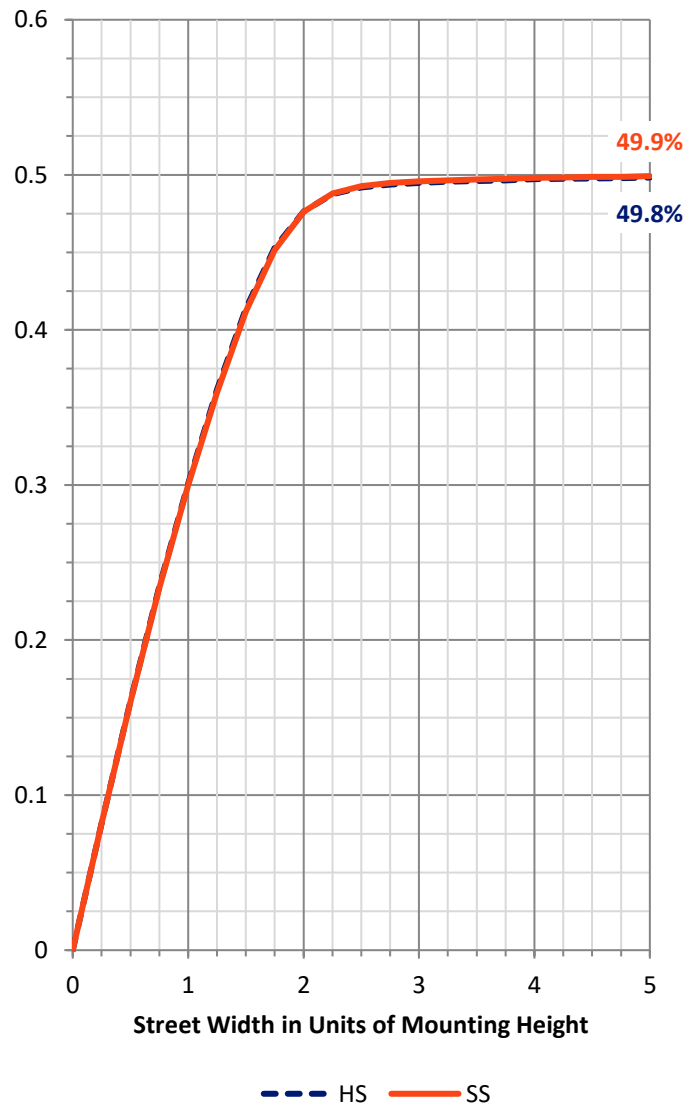
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2406.3	0.0	2406.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2406.3	0.0	2406.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	4812.6	0.0	4812.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.8	1.1
10°-20°	178.9	3.7
20°-30°	339.3	7.1
30°-40°	569.1	11.8
40°-50°	900.5	18.7
50°-60°	1414.7	29.4
60°-70°	1195.3	24.8
70°-80°	139.2	2.9
80°-90°	20.7	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°	4812.6	100.0
0°-180°	4812.6	100.0

Coefficient of Utilization



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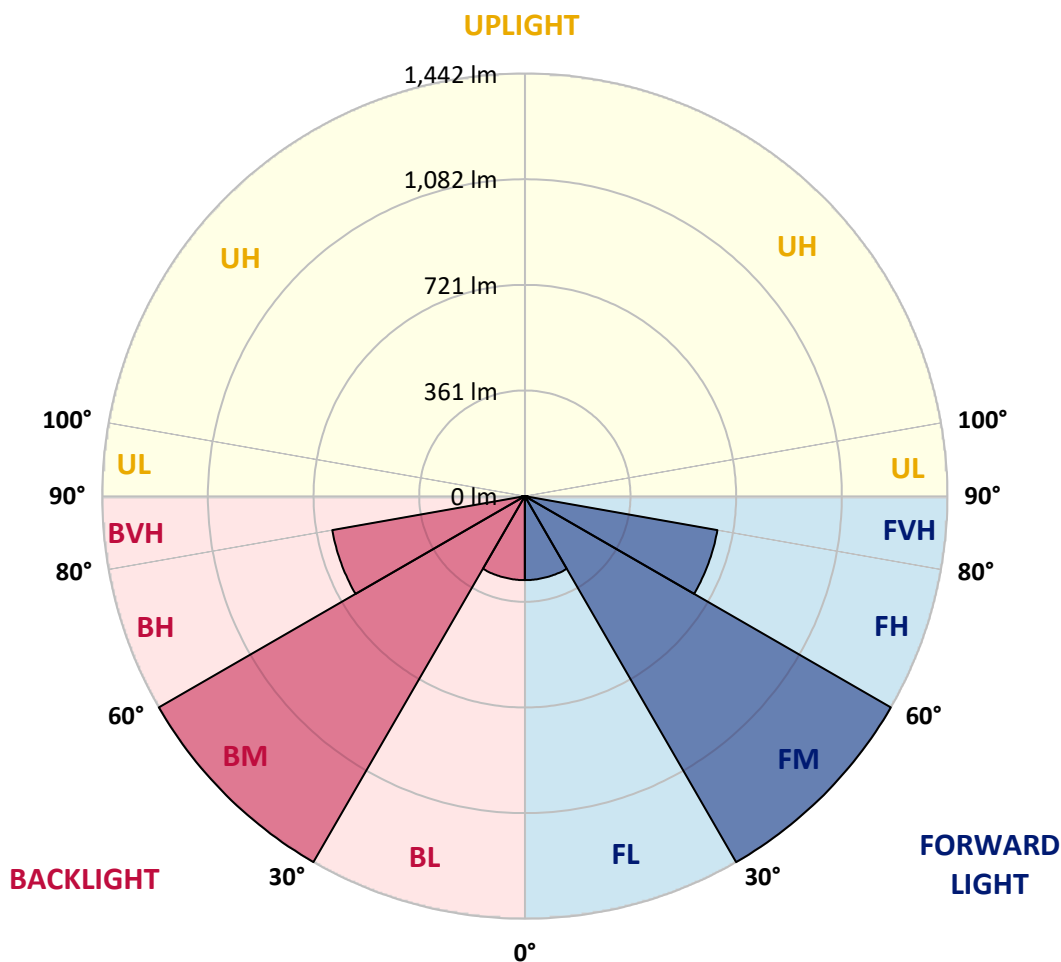
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	286.5	6.0			
FM	(30°-60°)	1442.2	30.0			
FH	(60°-80°)	667.3	13.9			G1/1800
FVH	(80°-90°)	10.4	0.2			G1/100
BL	(0°-30°)	286.5	6.0	B1/500		
BM	(30°-60°)	1442.2	30.0	B2/2500		
BH	(60°-80°)	667.3	13.9	B2/1000		G1/1800
BVH	(80°-90°)	10.4	0.2			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°	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4
2.5°	556.4	554.7	556.4	556.4	555.4	555.7	554.4	554.0	555.7	554.4	554.0
5°	567.9	566.6	567.9	566.9	565.2	565.5	563.5	562.8	564.9	562.8	563.2
7.5°	581.1	578.7	579.4	580.4	578.7	578.7	577.0	576.0	577.0	575.0	576.4
10°	592.3	590.2	591.3	592.6	592.3	593.3	591.6	590.9	589.9	587.5	589.6
12.5°	606.8	606.1	607.5	609.2	608.5	609.9	606.1	605.1	604.8	602.1	604.4
15°	625.8	624.1	626.4	628.5	627.4	629.8	626.8	625.4	623.7	620.3	622.4
17.5°	644.7	643.3	646.7	647.7	648.1	650.1	647.7	645.7	645.0	642.7	641.3
20°	667.4	665.7	668.4	670.4	668.7	671.1	670.1	668.7	668.0	664.3	664.0
22.5°	692.7	690.4	694.4	696.8	694.4	696.8	694.8	694.4	694.8	689.3	690.0
25°	721.1	721.5	725.5	727.2	725.9	727.2	724.2	726.2	725.2	719.5	717.4
27.5°	757.7	756.3	760.7	765.8	762.4	762.4	761.1	763.1	762.7	757.3	756.0
30°	800.3	800.0	806.4	809.4	804.7	802.7	802.3	807.4	807.7	802.0	799.6
32.5°	844.9	844.9	852.7	856.4	849.7	848.3	847.0	853.7	852.7	844.9	839.9
35°	894.0	892.0	902.4	907.9	901.1	897.0	896.4	902.4	901.1	890.3	884.2
37.5°	942.4	943.7	955.9	962.0	953.9	948.8	950.5	954.5	954.9	943.0	936.6
40°	1001.5	1001.9	1017.1	1021.8	1011.4	1003.6	1005.9	1015.1	1014.4	999.9	991.7
42.5°	1067.8	1066.5	1085.4	1089.5	1075.3	1060.4	1067.5	1081.7	1085.1	1068.9	1060.4
45°	1138.9	1140.9	1160.5	1164.9	1142.6	1123.7	1138.9	1160.2	1164.6	1147.0	1136.5
47.5°	1225.1	1227.5	1251.2	1252.9	1227.5	1202.8	1223.1	1250.8	1252.5	1228.2	1216.0
50°	1323.6	1331.7	1358.1	1361.4	1336.4	1304.6	1333.7	1358.4	1352.0	1319.5	1308.3
52.5°	1435.2	1441.6	1482.9	1497.1	1475.1	1440.9	1464.3	1479.5	1458.9	1416.2	1399.0
55°	1530.2	1541.1	1595.8	1639.1	1655.7	1630.0	1627.3	1605.0	1547.5	1482.5	1464.6
57.5°	1556.9	1567.4	1652.3	1764.0	1862.4	1875.2	1815.7	1703.7	1579.9	1479.8	1461.6
60°	1448.4	1462.6	1586.7	1798.1	2080.6	2196.9	1981.8	1712.2	1495.7	1361.4	1338.4
62.5°	1137.5	1163.9	1324.2	1655.7	2168.5	2489.8	2050.1	1566.4	1241.7	1083.1	1052.6
65°	618.7	641.3	818.2	1233.9	1990.2	2552.4	1882.7	1192.7	812.1	652.8	636.2
67.5°	232.0	248.6	329.8	609.9	1407.1	2182.0	1429.1	682.9	368.7	264.5	241.2
70°	98.8	100.8	119.4	212.4	639.6	1419.6	731.6	232.0	123.1	99.4	96.7
72.5°	71.0	71.4	76.4	94.0	194.8	622.7	221.2	97.4	75.1	67.6	67.6
75°	56.8	57.2	60.2	68.0	92.0	183.3	95.4	68.3	58.2	53.1	52.4
77.5°	44.6	45.3	48.4	53.1	61.6	83.9	64.6	53.8	46.7	41.9	41.3
80°	33.1	34.2	38.2	40.6	43.3	55.8	47.0	41.9	37.2	32.1	31.1
82.5°	22.0	23.0	28.4	30.1	29.8	35.2	32.5	32.1	28.4	21.3	20.3
85°	13.2	13.9	18.3	19.6	18.3	17.3	20.6	22.3	20.0	13.9	12.9
87.5°	5.8	5.8	8.1	8.5	8.1	6.4	9.8	11.5	11.8	7.1	6.4
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)