

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: P672648

Luminaire Tested: **CCP-SA-2A-722-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672648
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-722-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5NQ
distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4194.1 lumens
Efficiency: N/A
Efficacy: 115.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

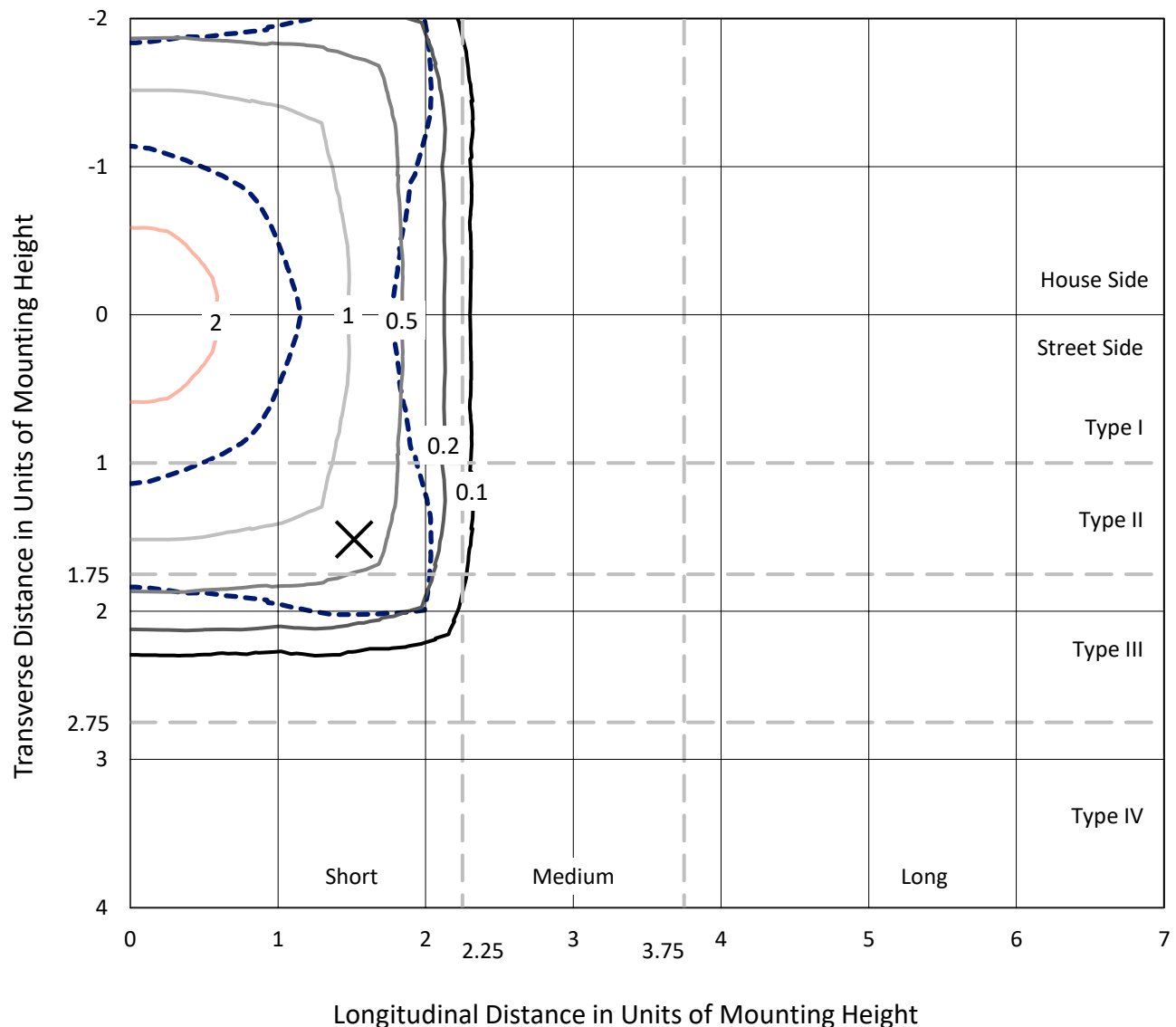
Input Watts (W): 36.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

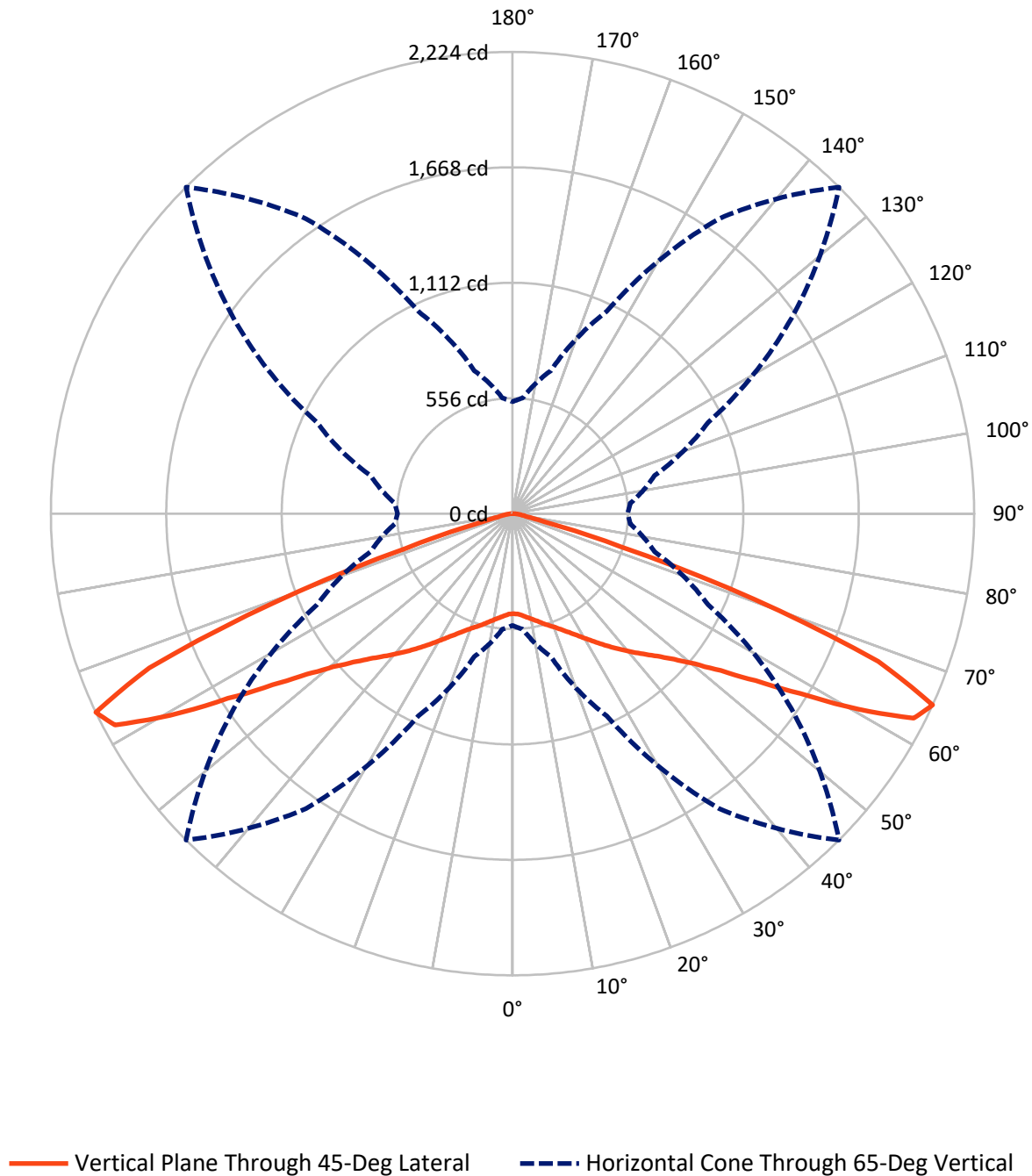
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.2 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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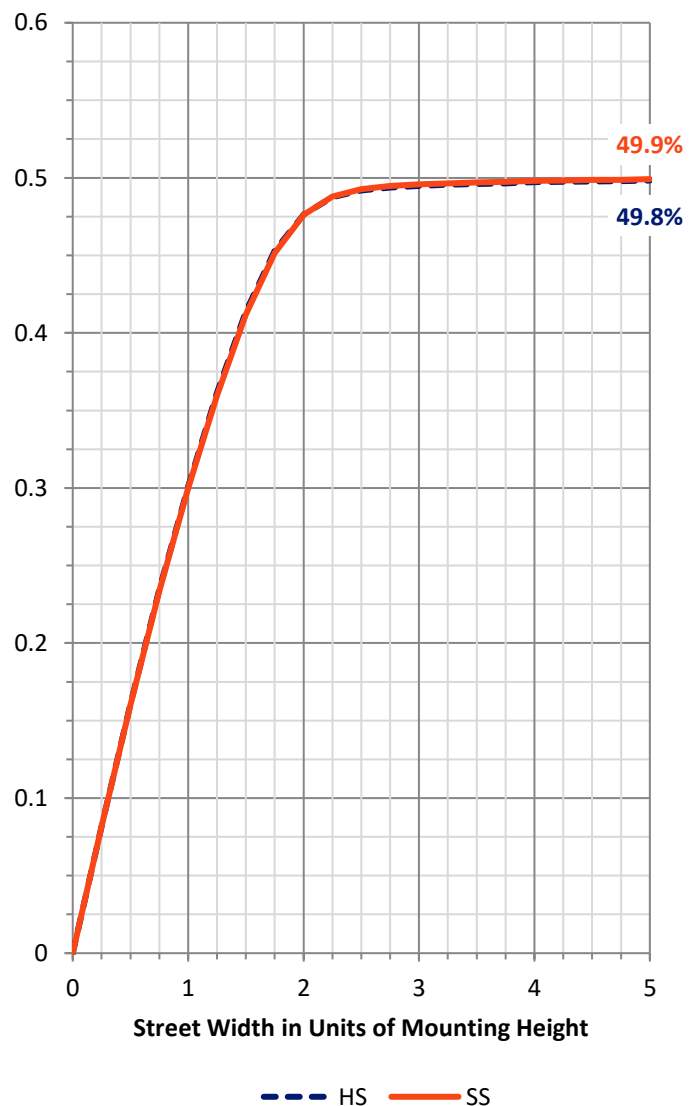
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2097.1	0.0	2097.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2097.1	0.0	2097.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	4194.1	0.0	4194.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.8	1.1
10°-20°	155.9	3.7
20°-30°	295.7	7.1
30°-40°	495.9	11.8
40°-50°	784.8	18.7
50°-60°	1232.9	29.4
60°-70°	1041.7	24.8
70°-80°	121.3	2.9
80°-90°	18.1	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°	4194.1	100.0
0°-180°	4194.1	100.0

Coefficient of Utilization



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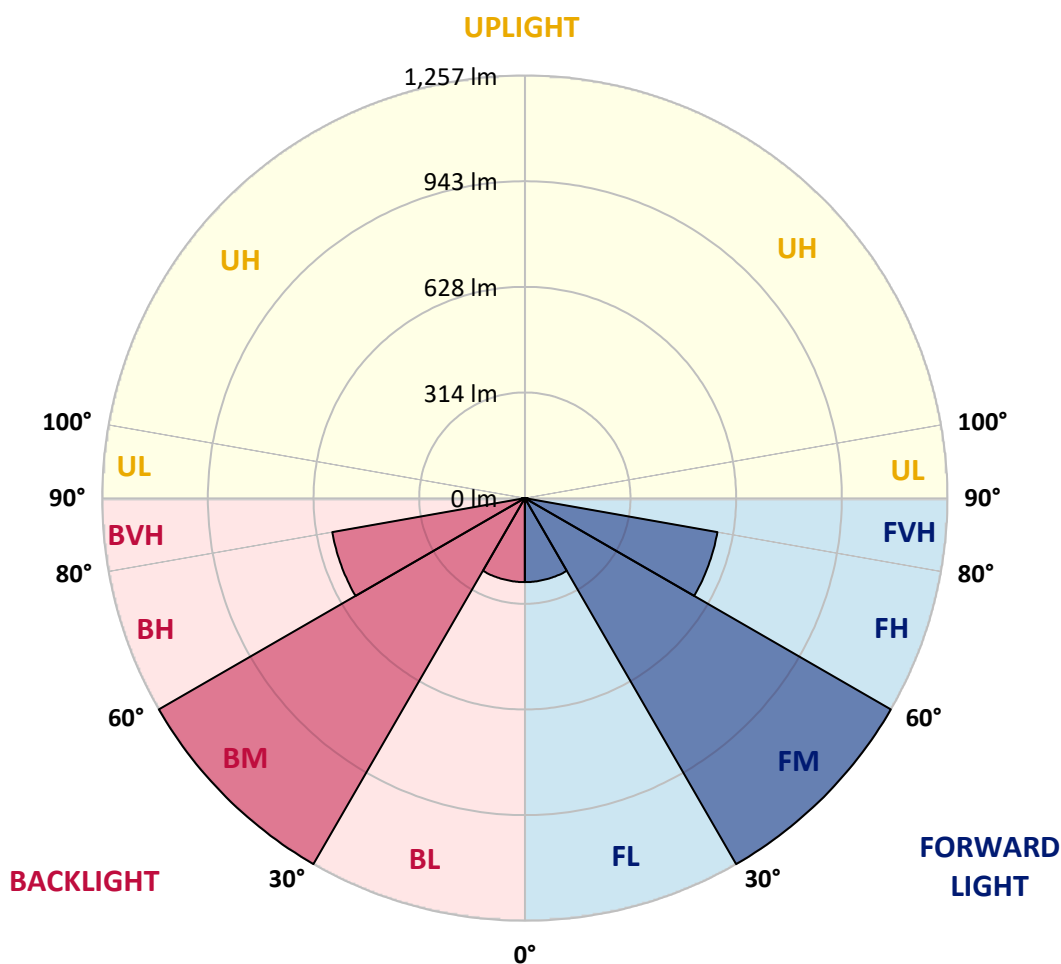
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	249.7	6.0			
FM	(30°-60°)	1256.8	30.0			
FH	(60°-80°)	581.5	13.9			G0/660
FVH	(80°-90°)	9.0	0.2			G0/10
BL	(0°-30°)	249.7	6.0	B1/500		
BM	(30°-60°)	1256.8	30.0	B2/2500		
BH	(60°-80°)	581.5	13.9	B2/1000		G0/660
BVH	(80°-90°)	9.0	0.2			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	482.3	482.3	482.3	482.3	482.3	482.3	482.3	482.3	482.3	482.3	482.3
2.5°	484.9	483.4	484.9	484.9	484.0	484.3	483.1	482.8	484.3	483.1	482.8
5°	494.9	493.7	494.9	494.0	492.6	492.9	491.1	490.5	492.3	490.5	490.8
7.5°	506.4	504.4	504.9	505.8	504.4	504.4	502.9	502.0	502.9	501.1	502.3
10°	516.1	514.4	515.3	516.4	516.1	517.0	515.6	515.0	514.1	512.0	513.8
12.5°	528.8	528.2	529.4	530.9	530.3	531.5	528.2	527.4	527.1	524.7	526.8
15°	545.3	543.9	545.9	547.7	546.8	548.9	546.2	545.0	543.6	540.6	542.4
17.5°	561.8	560.7	563.6	564.5	564.8	566.6	564.5	562.7	562.1	560.1	558.9
20°	581.6	580.1	582.5	584.2	582.8	584.8	583.9	582.8	582.2	578.9	578.6
22.5°	603.7	601.6	605.2	607.2	605.2	607.2	605.5	605.2	605.5	600.7	601.3
25°	628.5	628.8	632.3	633.8	632.6	633.8	631.1	632.9	632.0	627.0	625.2
27.5°	660.3	659.1	662.9	667.4	664.4	664.4	663.2	665.0	664.7	660.0	658.8
30°	697.4	697.1	702.7	705.4	701.3	699.5	699.2	703.6	703.9	698.9	696.8
32.5°	736.3	736.3	743.1	746.4	740.5	739.3	738.1	744.0	743.1	736.3	731.9
35°	779.1	777.3	786.5	791.2	785.3	781.7	781.2	786.5	785.3	775.8	770.5
37.5°	821.2	822.4	833.0	838.3	831.3	826.8	828.3	831.9	832.1	821.8	816.2
40°	872.8	873.1	886.4	890.5	881.4	874.6	876.7	884.6	884.0	871.4	864.3
42.5°	930.6	929.4	945.9	949.5	937.1	924.1	930.3	942.7	945.6	931.5	924.1
45°	992.5	994.3	1011.4	1015.2	995.7	979.2	992.5	1011.1	1014.9	999.6	990.4
47.5°	1067.7	1069.7	1090.4	1091.8	1069.7	1048.2	1065.9	1090.1	1091.5	1070.3	1059.7
50°	1153.5	1160.5	1183.5	1186.5	1164.7	1136.9	1162.3	1183.8	1178.2	1149.9	1140.2
52.5°	1250.7	1256.3	1292.3	1304.7	1285.5	1255.7	1276.1	1289.3	1271.4	1234.2	1219.2
55°	1333.6	1343.0	1390.7	1428.5	1442.9	1420.5	1418.2	1398.7	1348.6	1292.0	1276.4
57.5°	1356.8	1366.0	1440.0	1537.2	1623.0	1634.2	1582.3	1484.8	1376.9	1289.6	1273.7
60°	1262.2	1274.6	1382.8	1567.0	1813.2	1914.6	1727.1	1492.1	1303.5	1186.5	1166.4
62.5°	991.3	1014.3	1154.0	1442.9	1889.8	2169.8	1786.6	1365.1	1082.1	943.9	917.3
65°	539.1	558.9	713.1	1075.3	1734.4	2224.4	1640.7	1039.4	707.8	568.9	554.5
67.5°	202.2	216.7	287.4	531.5	1226.3	1901.6	1245.4	595.1	321.3	230.5	210.2
70°	86.1	87.8	104.1	185.1	557.4	1237.2	637.6	202.2	107.3	86.7	84.3
72.5°	61.9	62.2	66.6	81.9	169.8	542.7	192.8	84.9	65.4	59.0	59.0
75°	49.5	49.8	52.5	59.2	80.2	159.8	83.1	59.5	50.7	46.3	45.7
77.5°	38.9	39.5	42.2	46.3	53.6	73.1	56.3	46.9	40.7	36.6	36.0
80°	28.9	29.8	33.3	35.4	37.7	48.6	41.0	36.6	32.4	28.0	27.1
82.5°	19.2	20.0	24.8	26.2	25.9	30.7	28.3	28.0	24.8	18.6	17.7
85°	11.5	12.1	15.9	17.1	15.9	15.0	18.0	19.5	17.4	12.1	11.2
87.5°	5.0	5.0	7.1	7.4	7.1	5.6	8.5	10.0	10.3	6.2	5.6
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)