

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: P672682

Luminaire Tested: **CCP-SA-2B-735-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672682
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-735-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5NQ
distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7088.3 lumens
Efficiency: N/A
Efficacy: 154.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

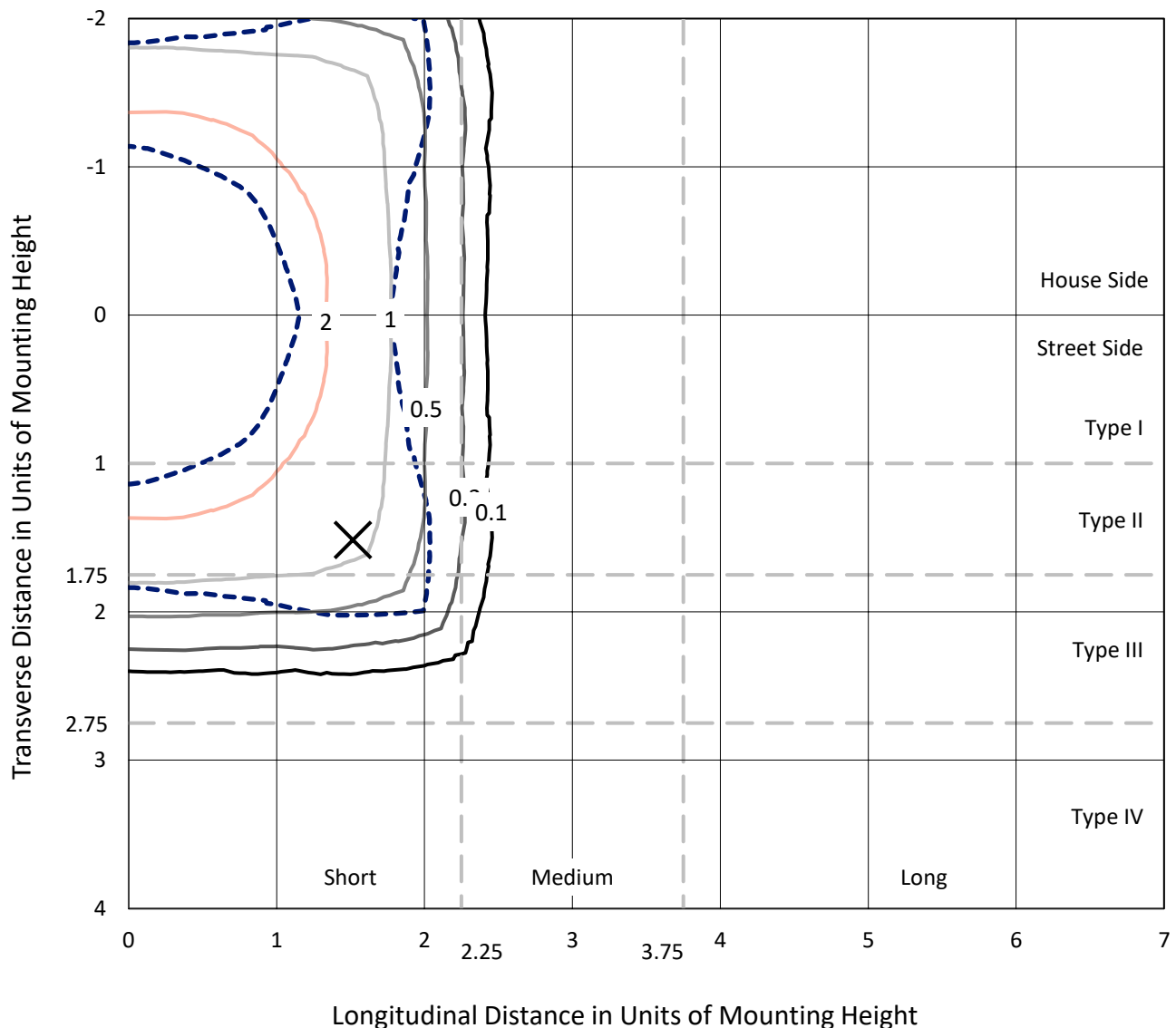
Input Watts (W): 46
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

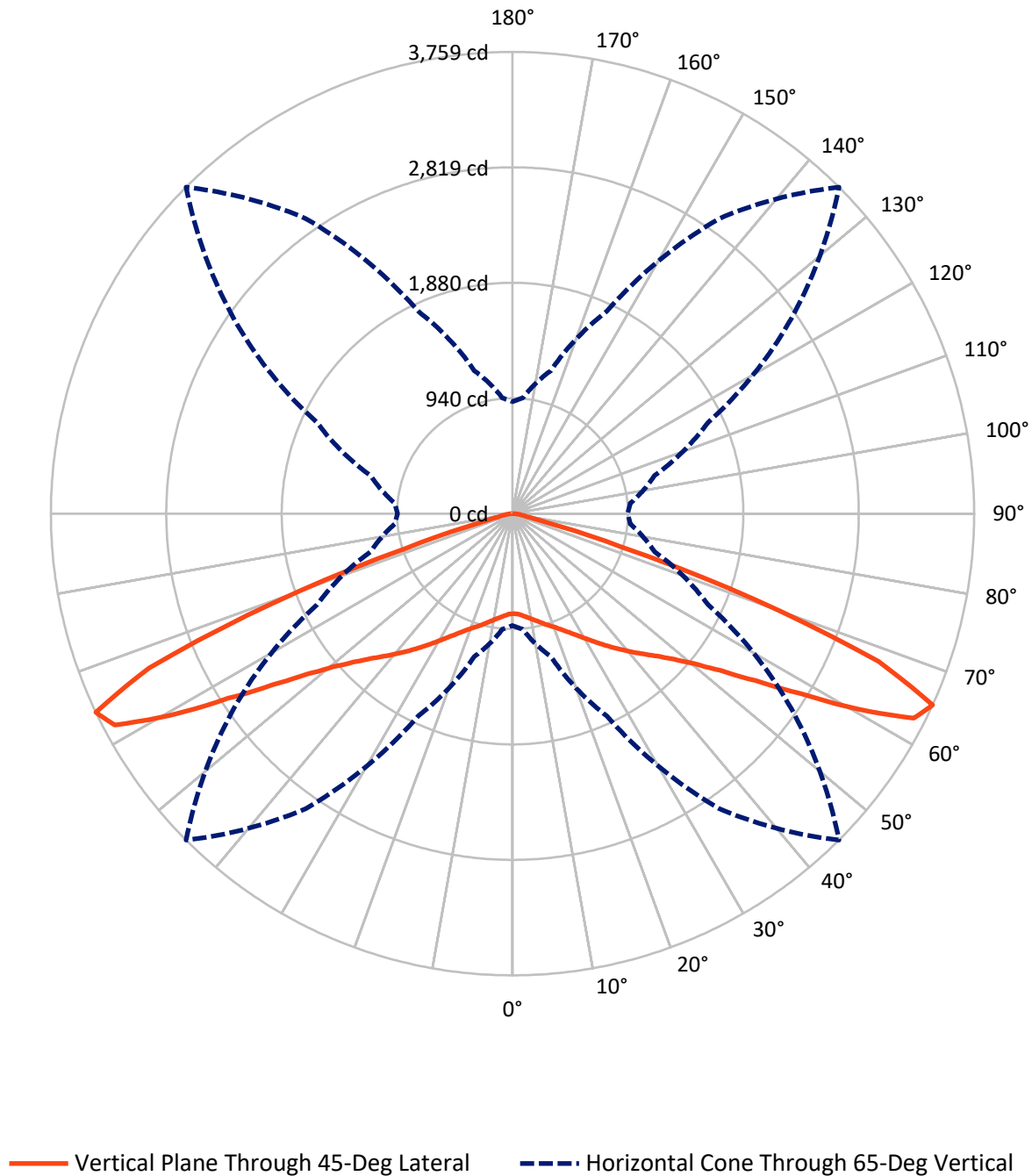


Based on 15 foot mounting height. Maximum calculated value = 3.7 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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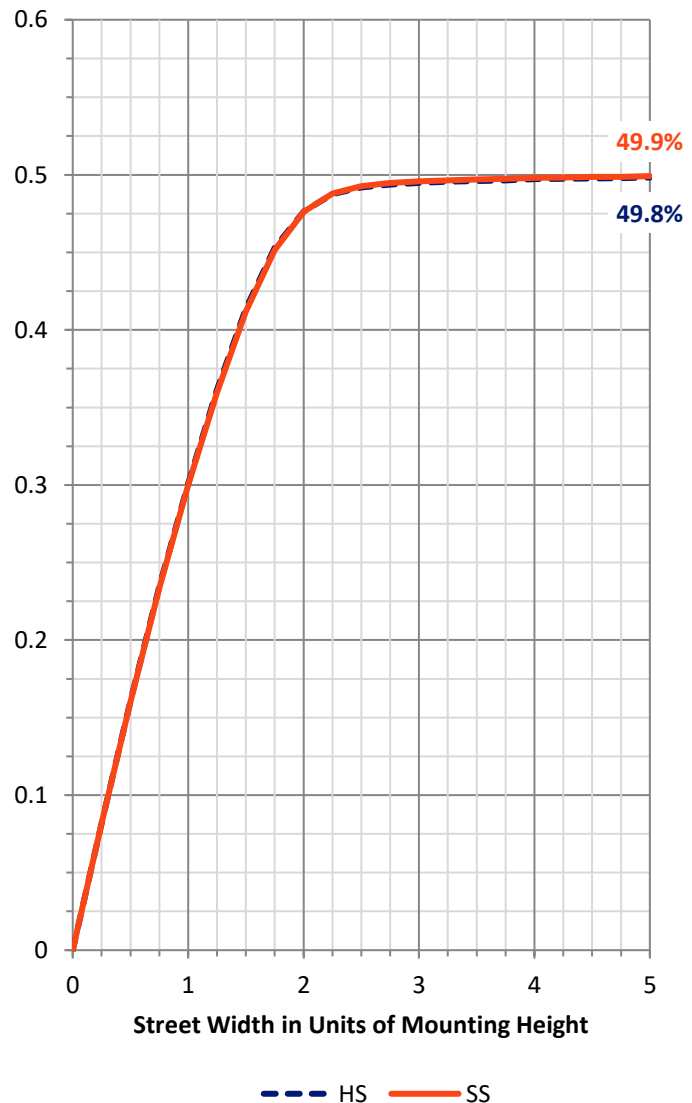
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3544.1	0.0	3544.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3544.1	0.0	3544.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	7088.3	0.0	7088.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.7	1.1
10°-20°	263.5	3.7
20°-30°	499.8	7.1
30°-40°	838.2	11.8
40°-50°	1326.3	18.7
50°-60°	2083.7	29.4
60°-70°	1760.5	24.8
70°-80°	205.0	2.9
80°-90°	30.5	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°	7088.3	100.0
0°-180°	7088.3	100.0

Coefficient of Utilization



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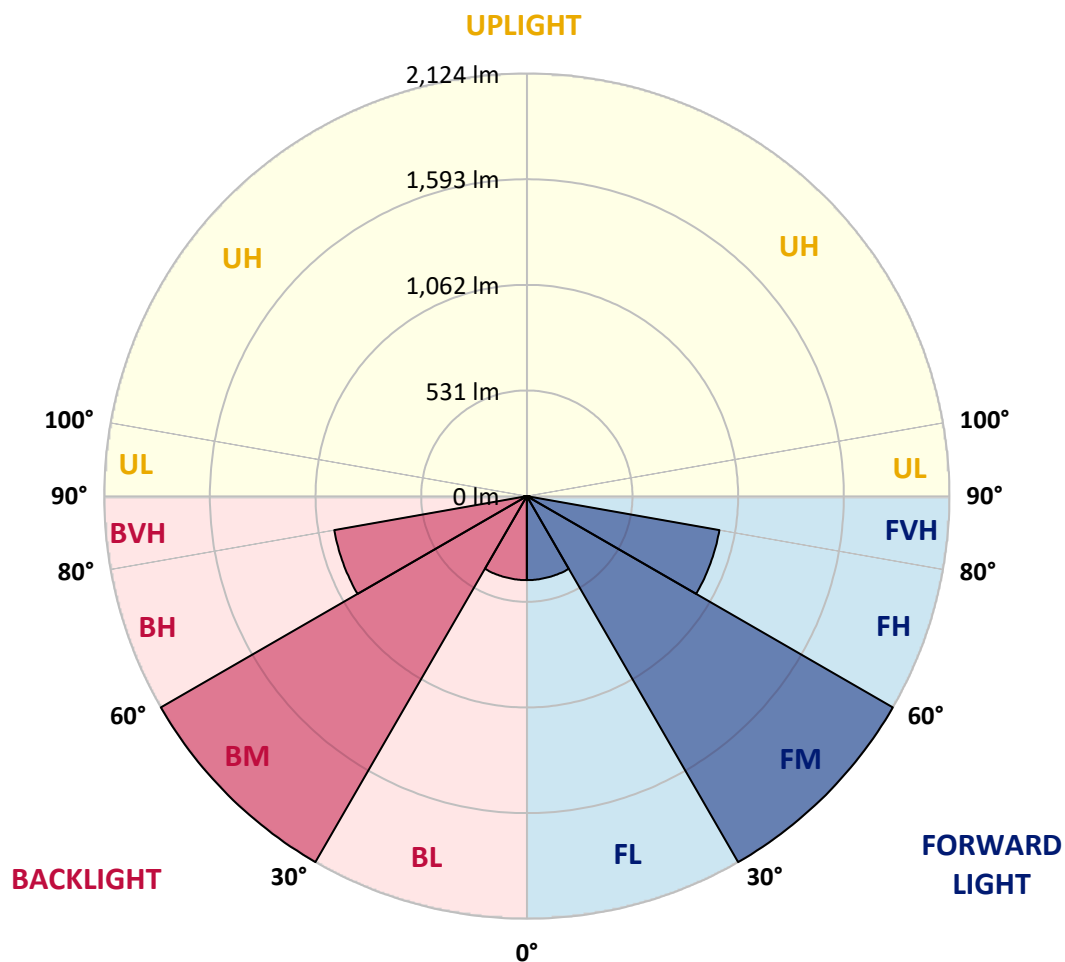
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	422.0	6.0			
FM	(30°-60°)	2124.1	30.0			
FH	(60°-80°)	982.8	13.9			G1/1800
FVH	(80°-90°)	15.3	0.2			G1/100
BL	(0°-30°)	422.0	6.0	B1/500		
BM	(30°-60°)	2124.1	30.0	B2/2500		
BH	(60°-80°)	982.8	13.9	B2/1000		G1/1800
BVH	(80°-90°)	15.3	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°	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0	815.0
2.5°	819.5	817.0	819.5	819.5	818.0	818.5	816.5	816.0	818.5	816.5	816.0
5°	836.4	834.5	836.4	835.0	832.5	833.0	830.0	829.0	832.0	829.0	829.5
7.5°	855.9	852.4	853.4	854.9	852.4	852.4	849.9	848.4	849.9	846.9	848.9
10°	872.3	869.3	870.8	872.8	872.3	873.8	871.3	870.3	868.8	865.3	868.3
12.5°	893.7	892.7	894.7	897.2	896.2	898.2	892.7	891.2	890.8	886.8	890.3
15°	921.6	919.1	922.6	925.6	924.1	927.6	923.1	921.1	918.6	913.7	916.7
17.5°	949.5	947.5	952.5	954.0	954.5	957.5	954.0	951.0	950.0	946.5	944.6
20°	982.9	980.4	984.4	987.4	984.9	988.4	986.9	984.9	983.9	978.4	977.9
22.5°	1020.3	1016.8	1022.8	1026.3	1022.8	1026.3	1023.3	1022.8	1023.3	1015.3	1016.3
25°	1062.1	1062.6	1068.6	1071.1	1069.1	1071.1	1066.6	1069.6	1068.1	1059.6	1056.6
27.5°	1115.9	1113.9	1120.4	1127.9	1122.9	1122.9	1120.9	1123.9	1123.4	1115.4	1113.4
30°	1178.7	1178.2	1187.7	1192.2	1185.2	1182.2	1181.7	1189.2	1189.7	1181.2	1177.7
32.5°	1244.5	1244.5	1255.9	1261.4	1251.4	1249.4	1247.5	1257.4	1255.9	1244.5	1237.0
35°	1316.7	1313.7	1329.2	1337.1	1327.2	1321.2	1320.2	1329.2	1327.2	1311.2	1302.3
37.5°	1387.9	1389.9	1407.9	1416.8	1404.9	1397.4	1399.9	1405.9	1406.4	1388.9	1379.5
40°	1475.1	1475.6	1498.0	1505.0	1489.6	1478.1	1481.6	1495.0	1494.1	1472.6	1460.7
42.5°	1572.8	1570.8	1598.7	1604.6	1583.7	1561.8	1572.3	1593.2	1598.2	1574.3	1561.8
45°	1677.4	1680.4	1709.3	1715.7	1682.9	1655.0	1677.4	1708.8	1715.2	1689.3	1673.9
47.5°	1804.4	1807.9	1842.8	1845.3	1807.9	1771.5	1801.4	1842.3	1844.8	1808.9	1791.0
50°	1949.4	1961.3	2000.2	2005.2	1968.3	1921.5	1964.3	2000.7	1991.2	1943.4	1927.0
52.5°	2113.8	2123.3	2184.0	2205.0	2172.6	2122.3	2156.6	2179.1	2148.7	2085.9	2060.5
55°	2253.8	2269.7	2350.4	2414.2	2438.6	2400.7	2396.8	2363.9	2279.2	2183.5	2157.1
57.5°	2293.1	2308.6	2433.6	2598.0	2743.0	2761.9	2674.2	2509.3	2327.0	2179.6	2152.6
60°	2133.2	2154.1	2337.0	2648.3	3064.3	3235.7	2918.9	2521.8	2203.0	2005.2	1971.3
62.5°	1675.4	1714.2	1950.4	2438.6	3193.9	3667.1	3019.5	2307.1	1828.8	1595.2	1550.3
65°	911.2	944.6	1205.1	1817.4	2931.3	3759.3	2772.9	1756.6	1196.1	961.5	937.1
67.5°	341.8	366.2	485.7	898.2	2072.4	3213.8	2104.8	1005.8	543.0	389.6	355.2
70°	145.5	148.5	175.9	312.9	942.1	2090.9	1077.6	341.8	181.3	146.5	142.5
72.5°	104.6	105.1	112.6	138.5	287.0	917.2	325.8	143.5	110.6	99.6	99.6
75°	83.7	84.2	88.7	100.1	135.5	270.0	140.5	100.6	85.7	78.2	77.2
77.5°	65.8	66.8	71.2	78.2	90.7	123.5	95.2	79.2	68.7	61.8	60.8
80°	48.8	50.3	56.3	59.8	63.8	82.2	69.2	61.8	54.8	47.3	45.8
82.5°	32.4	33.9	41.8	44.3	43.8	51.8	47.8	47.3	41.8	31.4	29.9
85°	19.4	20.4	26.9	28.9	26.9	25.4	30.4	32.9	29.4	20.4	18.9
87.5°	8.5	8.5	12.0	12.5	12.0	9.5	14.4	16.9	17.4	10.5	9.5
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)