

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: P672701

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672701
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-750-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5NQ
distribution lens
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7277.7 lumens
Efficiency: N/A
Efficacy: 129.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

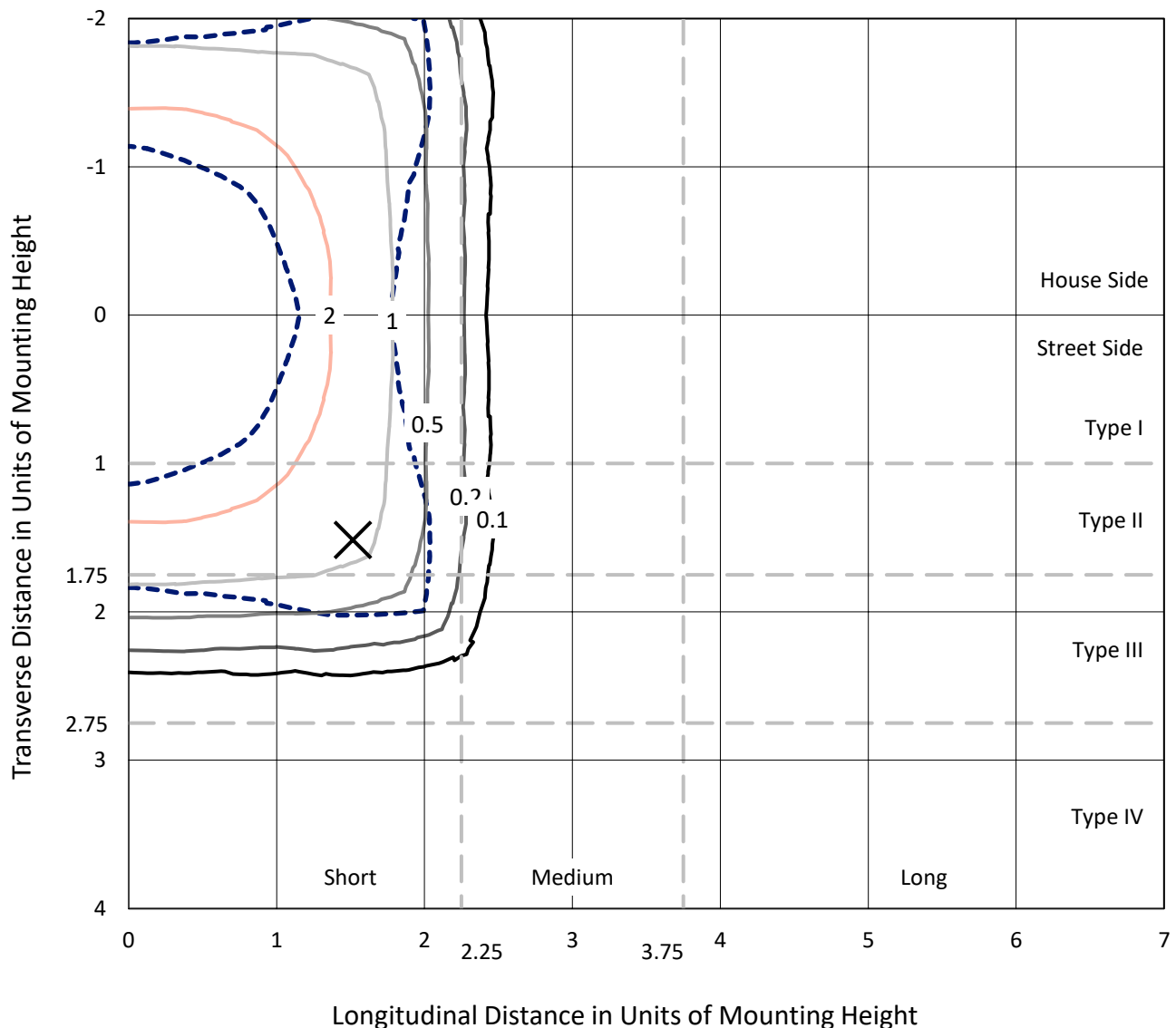
Input Watts (W): 56.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

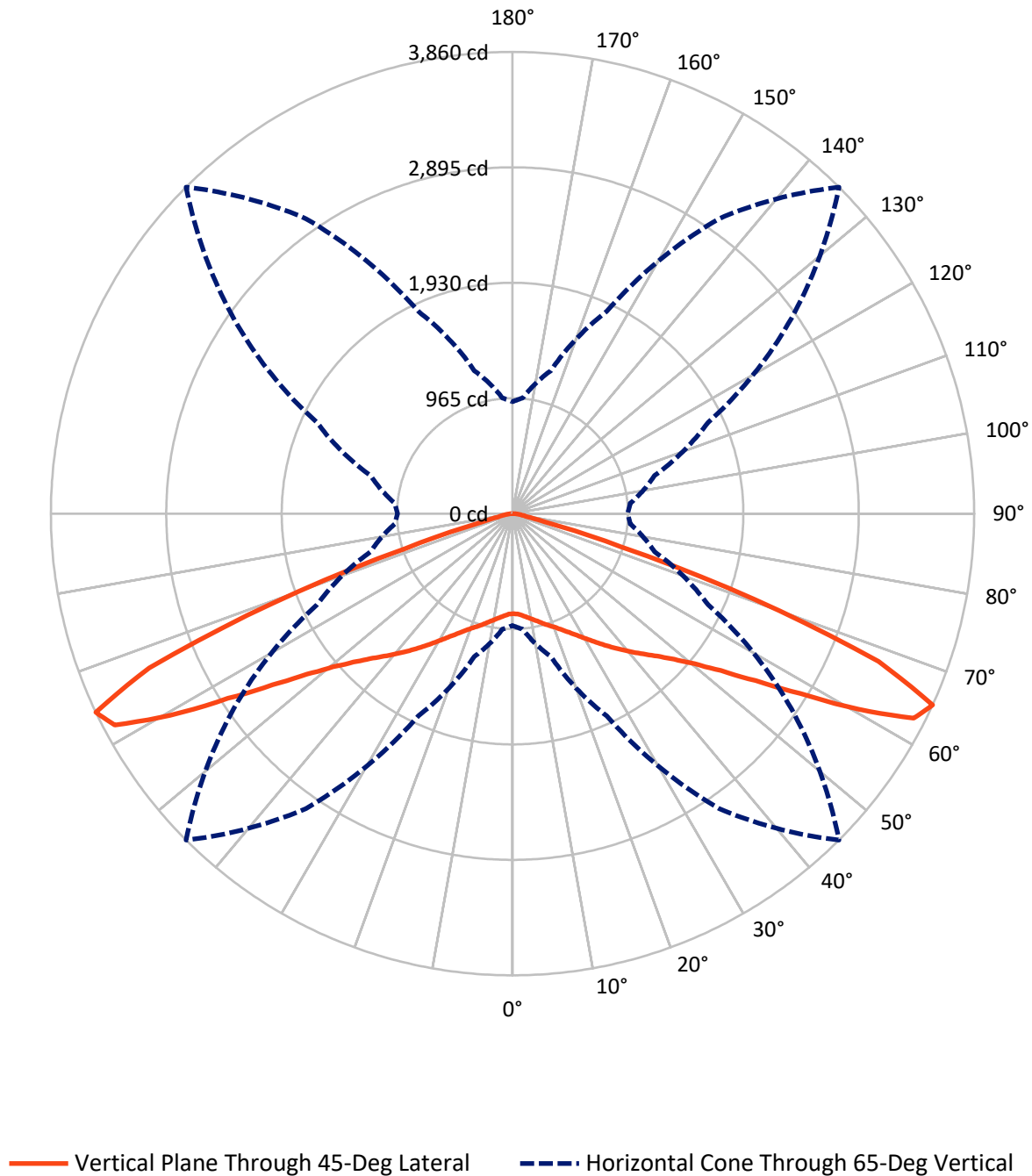
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.8 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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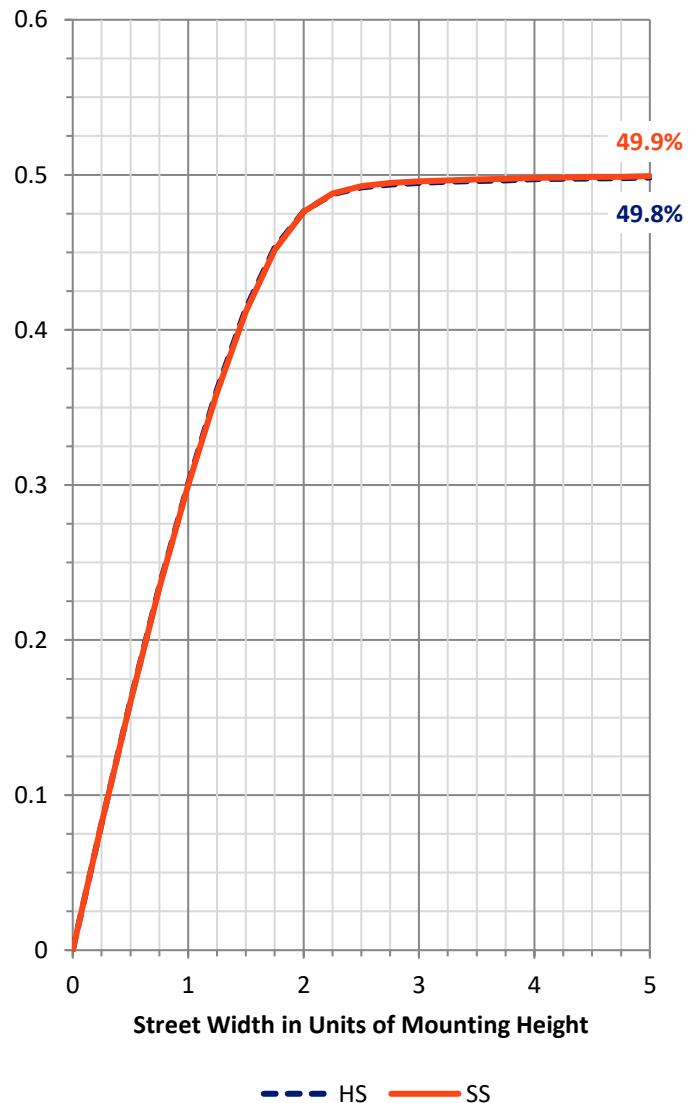
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3638.8	0.0	3638.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3638.8	0.0	3638.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	7277.7	0.0	7277.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.9	1.1
10°-20°	270.6	3.7
20°-30°	513.1	7.1
30°-40°	860.6	11.8
40°-50°	1361.8	18.7
50°-60°	2139.4	29.4
60°-70°	1807.6	24.8
70°-80°	210.5	2.9
80°-90°	31.4	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°	7277.7	100.0
0°-180°	7277.7	100.0

Coefficient of Utilization



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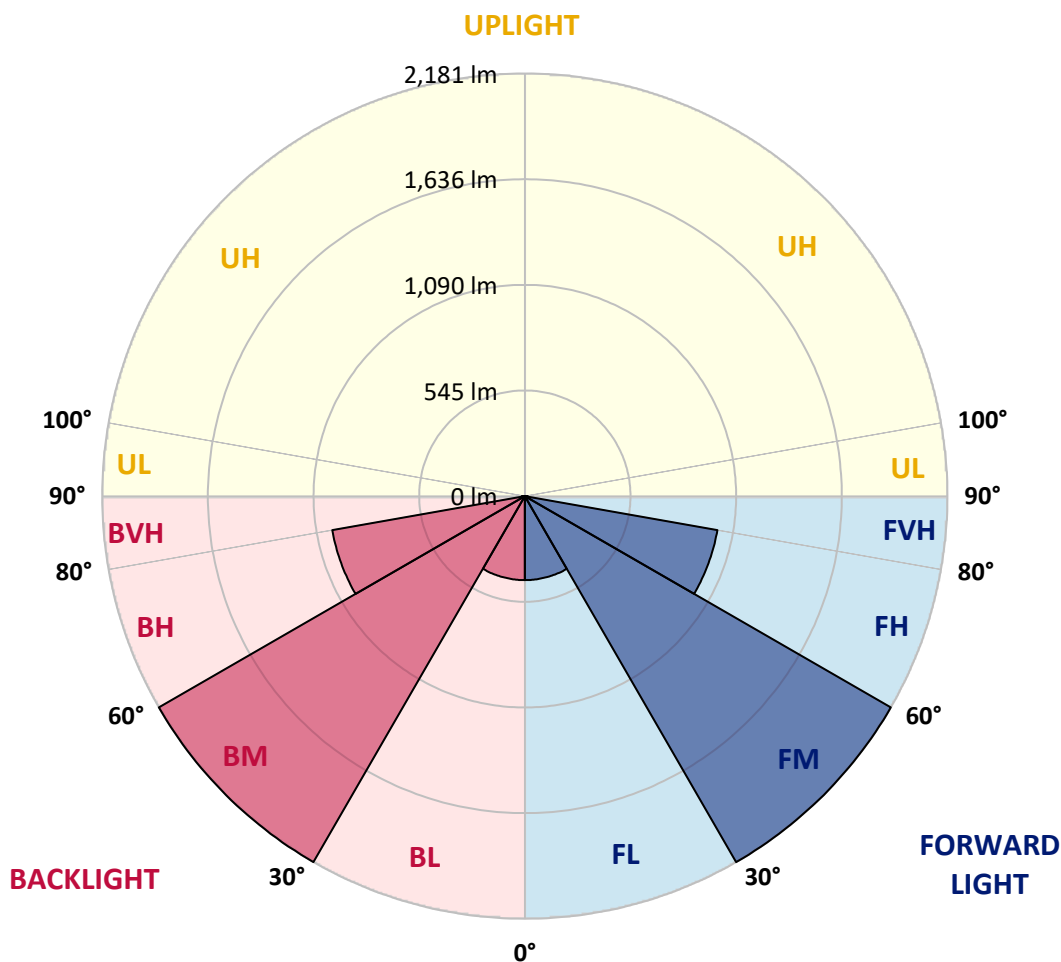
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	433.3	6.0			
FM	(30°-60°)	2180.9	30.0			
FH	(60°-80°)	1009.0	13.9			G1/1800
FVH	(80°-90°)	15.7	0.2			G1/100
BL	(0°-30°)	433.3	6.0	B1/500		
BM	(30°-60°)	2180.9	30.0	B2/2500		
BH	(60°-80°)	1009.0	13.9	B3/2500		G1/1800
BVH	(80°-90°)	15.7	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	836.8	836.8	836.8	836.8	836.8	836.8	836.8	836.8	836.8	836.8	836.8
2.5°	841.4	838.9	841.4	841.4	839.9	840.4	838.3	837.8	840.4	838.3	837.8
5°	858.8	856.8	858.8	857.3	854.7	855.2	852.2	851.1	854.2	851.1	851.6
7.5°	878.7	875.2	876.2	877.7	875.2	875.2	872.6	871.1	872.6	869.5	871.6
10°	895.6	892.6	894.1	896.1	895.6	897.2	894.6	893.6	892.0	888.5	891.5
12.5°	917.6	916.6	918.6	921.2	920.2	922.2	916.6	915.1	914.6	910.5	914.0
15°	946.3	943.7	947.3	950.4	948.8	952.4	947.8	945.8	943.2	938.1	941.2
17.5°	974.9	972.9	978.0	979.5	980.0	983.1	979.5	976.4	975.4	971.8	969.8
20°	1009.2	1006.6	1010.7	1013.8	1011.2	1014.8	1013.3	1011.2	1010.2	1004.6	1004.1
22.5°	1047.5	1044.0	1050.1	1053.7	1050.1	1053.7	1050.6	1050.1	1050.6	1042.4	1043.4
25°	1090.5	1091.0	1097.2	1099.7	1097.7	1099.7	1095.1	1098.2	1096.6	1087.9	1084.9
27.5°	1145.7	1143.7	1150.4	1158.0	1152.9	1152.9	1150.9	1153.9	1153.4	1145.2	1143.2
30°	1210.2	1209.7	1219.4	1224.0	1216.8	1213.8	1213.3	1220.9	1221.4	1212.8	1209.2
32.5°	1277.7	1277.7	1289.5	1295.1	1284.9	1282.8	1280.8	1291.0	1289.5	1277.7	1270.0
35°	1351.9	1348.8	1364.7	1372.9	1362.6	1356.5	1355.5	1364.7	1362.6	1346.3	1337.0
37.5°	1425.0	1427.1	1445.5	1454.7	1442.4	1434.7	1437.3	1443.4	1443.9	1426.0	1416.3
40°	1514.5	1515.0	1538.1	1545.2	1529.4	1517.6	1521.2	1535.0	1534.0	1512.0	1499.7
42.5°	1614.8	1612.7	1641.4	1647.5	1626.0	1603.5	1614.3	1635.8	1640.9	1616.3	1603.5
45°	1722.2	1725.3	1754.9	1761.6	1727.8	1699.2	1722.2	1754.4	1761.1	1734.5	1718.6
47.5°	1852.6	1856.2	1892.0	1894.6	1856.2	1818.9	1849.6	1891.5	1894.1	1857.2	1838.8
50°	2001.5	2013.8	2053.7	2058.8	2020.9	1972.8	2016.8	2054.2	2044.4	1995.3	1978.5
52.5°	2170.3	2180.0	2242.4	2263.9	2230.6	2179.0	2214.3	2237.3	2206.1	2141.6	2115.5
55°	2314.0	2330.4	2413.2	2478.7	2503.8	2464.9	2460.8	2427.0	2340.1	2241.9	2214.8
57.5°	2354.4	2370.3	2498.7	2667.4	2816.3	2835.7	2745.7	2576.4	2389.2	2237.8	2210.2
60°	2190.2	2211.7	2399.4	2719.1	3146.2	3322.2	2996.8	2589.2	2261.8	2058.8	2024.0
62.5°	1720.2	1760.1	2002.5	2503.8	3279.2	3765.1	3100.2	2368.7	1877.7	1637.8	1591.8
65°	935.5	969.8	1237.3	1865.9	3009.6	3859.7	2847.0	1803.5	1228.1	987.2	962.1
67.5°	350.9	375.9	498.7	922.2	2127.8	3299.7	2161.1	1032.7	557.5	400.0	364.7
70°	149.4	152.4	180.6	321.2	967.2	2146.7	1106.4	350.9	186.2	150.4	146.3
72.5°	107.4	107.9	115.6	142.2	294.6	941.7	334.5	147.3	113.6	102.3	102.3
75°	85.9	86.4	91.0	102.8	139.1	277.2	144.2	103.3	88.0	80.3	79.3
77.5°	67.5	68.5	73.1	80.3	93.1	126.9	97.7	81.3	70.6	63.4	62.4
80°	50.1	51.7	57.8	61.4	65.5	84.4	71.1	63.4	56.3	48.6	47.1
82.5°	33.2	34.8	43.0	45.5	45.0	53.2	49.1	48.6	43.0	32.2	30.7
85°	19.9	21.0	27.6	29.7	27.6	26.1	31.2	33.8	30.2	21.0	19.4
87.5°	8.7	8.7	12.3	12.8	12.3	9.7	14.8	17.4	17.9	10.7	9.7
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)