

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: P672658

Luminaire Tested: **CCP-SA-1F-727-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672658
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-727-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ 5NQ
distribution lens
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6525 lumens
Efficiency: N/A
Efficacy: 97.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

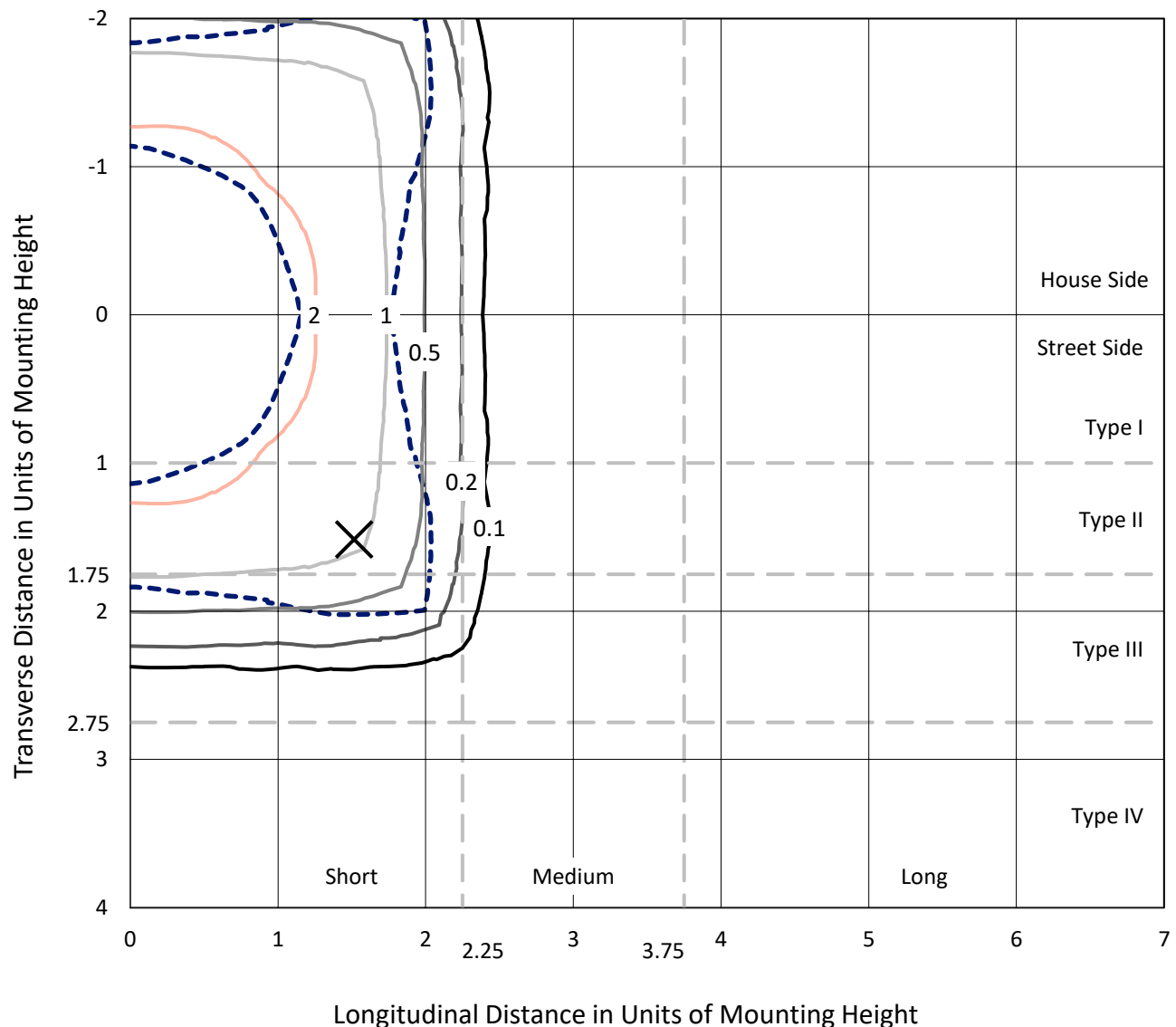
Input Watts (W): 67
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

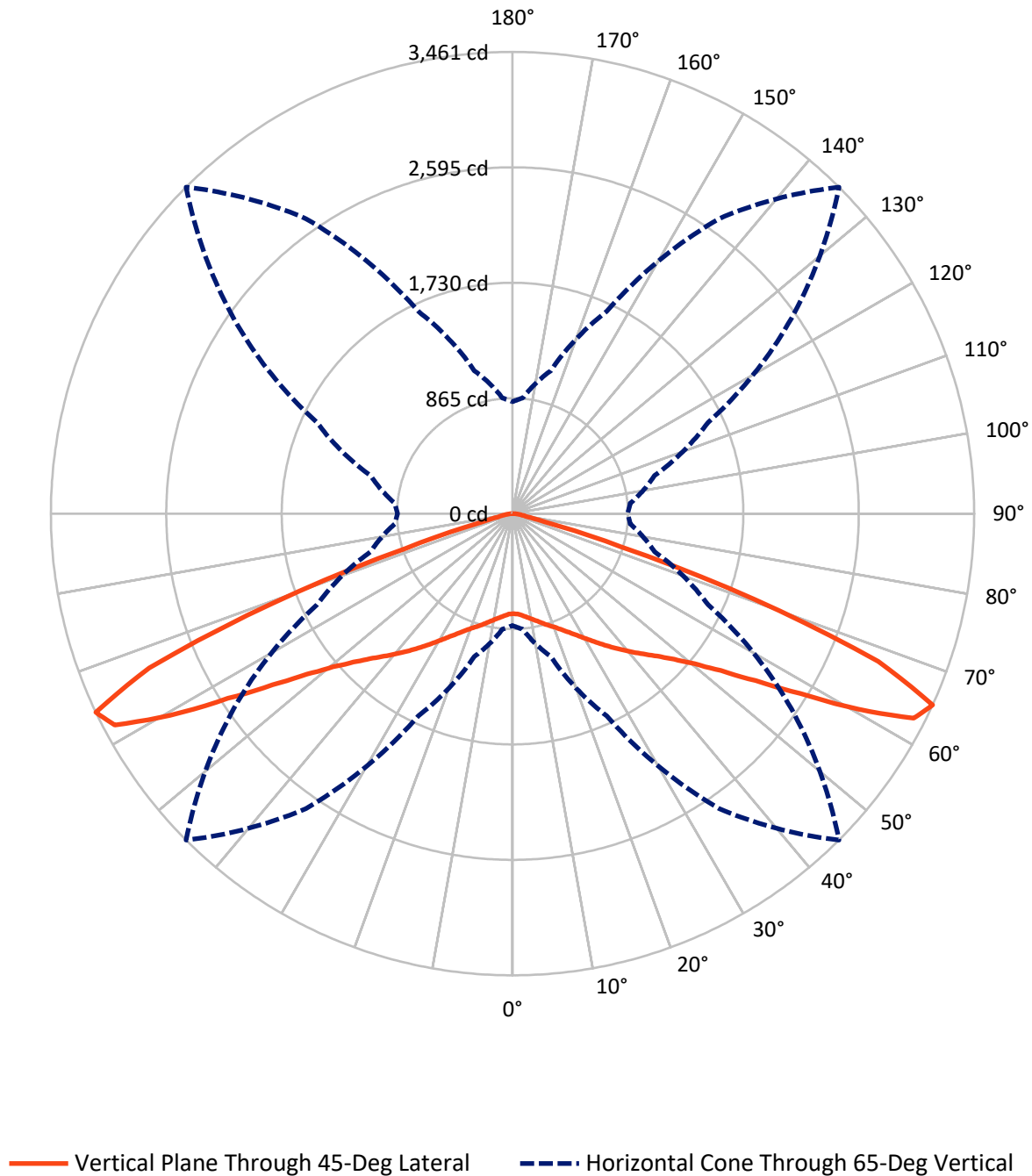
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.4 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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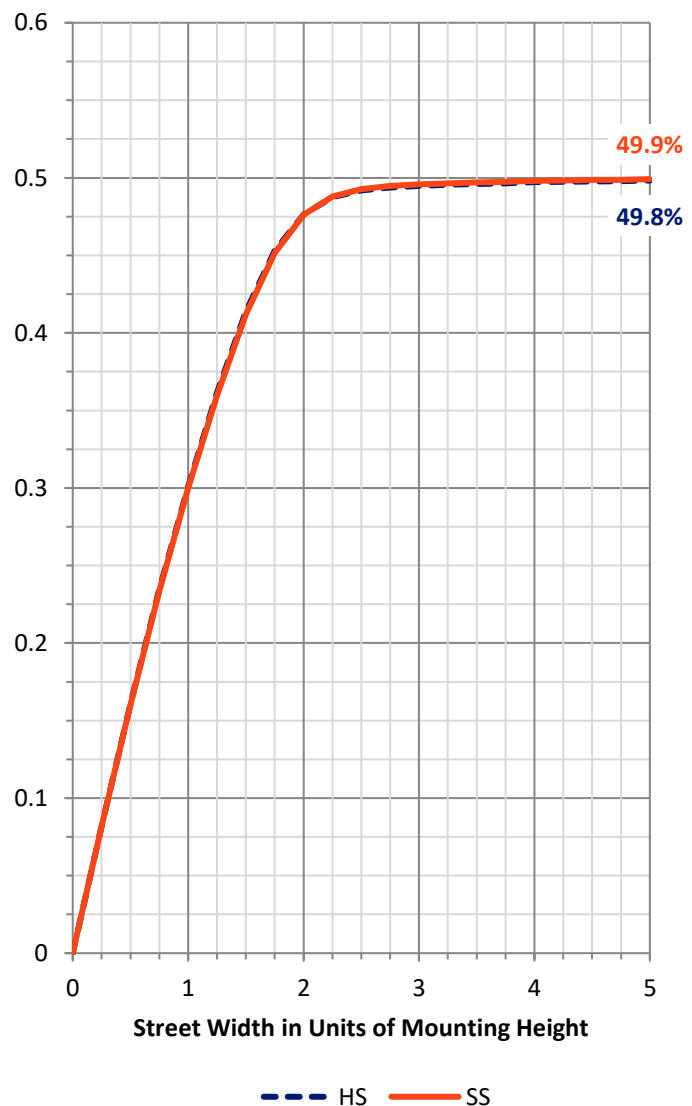
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3262.5	0.0	3262.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3262.5	0.0	3262.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	6525.0	0.0	6525.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.3	1.1
10°-20°	242.6	3.7
20°-30°	460.1	7.1
30°-40°	771.6	11.8
40°-50°	1220.9	18.7
50°-60°	1918.1	29.4
60°-70°	1620.6	24.8
70°-80°	188.7	2.9
80°-90°	28.1	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°	6525.0	100.0
0°-180°	6525.0	100.0

Coefficient of Utilization



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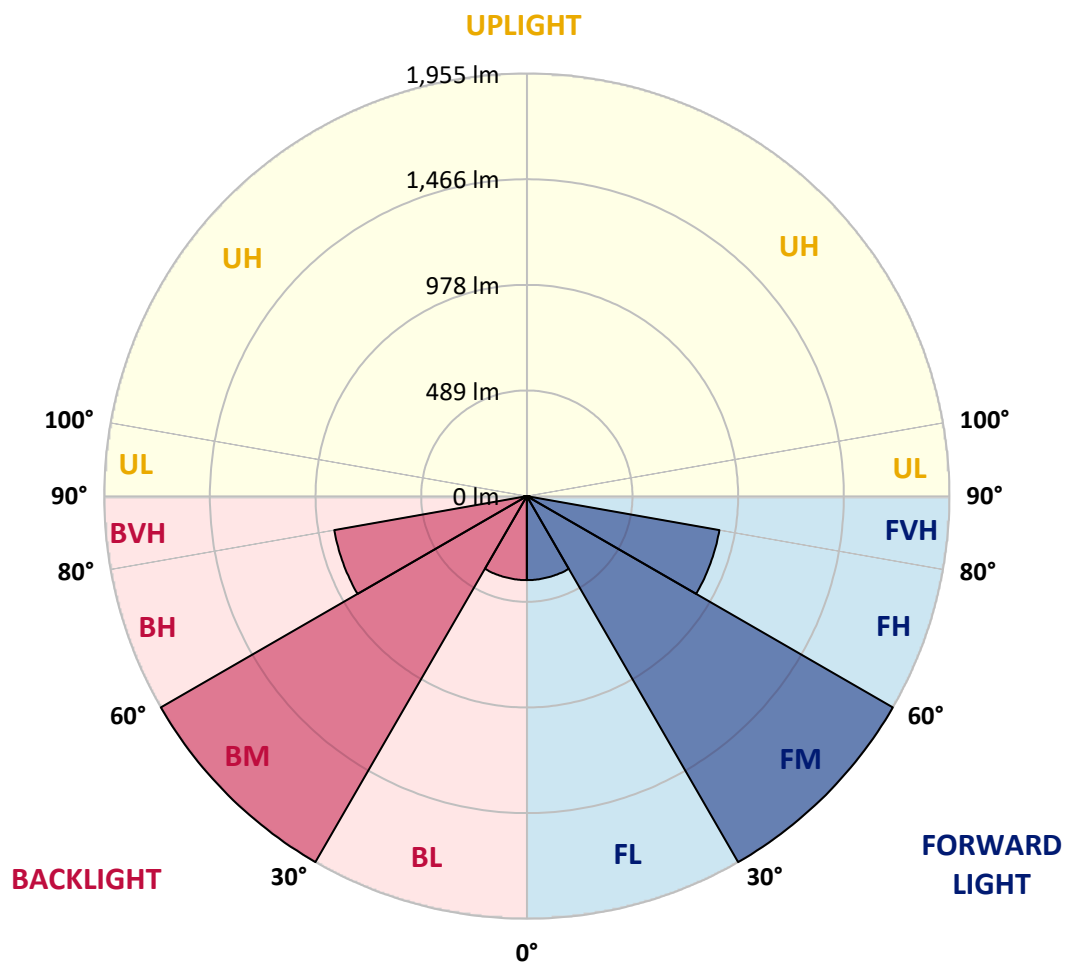
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	388.5	6.0			
FM	(30°-60°)	1955.3	30.0			
FH	(60°-80°)	904.7	13.9			G1/1800
FVH	(80°-90°)	14.1	0.2			G1/100
BL	(0°-30°)	388.5	6.0	B1/500		
BM	(30°-60°)	1955.3	30.0	B2/2500		
BH	(60°-80°)	904.7	13.9	B2/1000		G1/1800
BVH	(80°-90°)	14.1	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°	750.3	750.3	750.3	750.3	750.3	750.3	750.3	750.3	750.3	750.3	750.3
2.5°	754.4	752.1	754.4	754.4	753.0	753.5	751.6	751.2	753.5	751.6	751.2
5°	770.0	768.1	770.0	768.6	766.3	766.8	764.0	763.1	765.9	763.1	763.6
7.5°	787.9	784.7	785.6	786.9	784.7	784.7	782.4	781.0	782.4	779.6	781.4
10°	803.0	800.2	801.6	803.5	803.0	804.4	802.1	801.2	799.8	796.6	799.3
12.5°	822.7	821.8	823.6	825.9	825.0	826.8	821.8	820.4	820.0	816.3	819.5
15°	848.4	846.1	849.3	852.1	850.7	853.9	849.8	847.9	845.6	841.1	843.8
17.5°	874.1	872.2	876.8	878.2	878.7	881.4	878.2	875.5	874.5	871.3	869.5
20°	904.8	902.5	906.2	908.9	906.6	909.9	908.5	906.6	905.7	900.7	900.2
22.5°	939.2	936.0	941.5	944.7	941.5	944.7	942.0	941.5	942.0	934.6	935.5
25°	977.7	978.2	983.7	986.0	984.1	986.0	981.9	984.6	983.2	975.4	972.7
27.5°	1027.3	1025.4	1031.4	1038.3	1033.7	1033.7	1031.8	1034.6	1034.1	1026.8	1025.0
30°	1085.0	1084.6	1093.3	1097.4	1091.0	1088.2	1087.8	1094.7	1095.1	1087.3	1084.1
32.5°	1145.6	1145.6	1156.1	1161.2	1152.0	1150.2	1148.3	1157.5	1156.1	1145.6	1138.7
35°	1212.1	1209.3	1223.5	1230.9	1221.7	1216.2	1215.3	1223.5	1221.7	1207.0	1198.8
37.5°	1277.6	1279.5	1296.0	1304.2	1293.2	1286.4	1288.7	1294.2	1294.6	1278.6	1269.8
40°	1357.9	1358.4	1379.0	1385.4	1371.2	1360.7	1363.9	1376.2	1375.3	1355.6	1344.6
42.5°	1447.8	1446.0	1471.6	1477.1	1457.9	1437.7	1447.3	1466.6	1471.2	1449.2	1437.7
45°	1544.1	1546.8	1573.4	1579.4	1549.1	1523.5	1544.1	1573.0	1578.9	1555.1	1540.9
47.5°	1661.0	1664.2	1696.3	1698.6	1664.2	1630.8	1658.3	1695.9	1698.2	1665.2	1648.6
50°	1794.5	1805.5	1841.3	1845.8	1811.9	1768.8	1808.2	1841.7	1833.0	1789.0	1773.8
52.5°	1945.8	1954.5	2010.5	2029.7	1999.9	1953.6	1985.3	2005.9	1977.9	1920.1	1896.7
55°	2074.7	2089.4	2163.7	2222.4	2244.8	2210.0	2206.3	2176.0	2098.1	2010.0	1985.7
57.5°	2110.9	2125.1	2240.2	2391.6	2525.0	2542.5	2461.7	2309.9	2142.1	2006.4	1981.6
60°	1963.7	1983.0	2151.3	2437.9	2820.8	2978.6	2686.9	2321.4	2027.9	1845.8	1814.7
62.5°	1542.3	1578.0	1795.4	2244.8	2940.1	3375.7	2779.5	2123.8	1683.5	1468.4	1427.1
65°	838.8	869.5	1109.3	1673.0	2698.4	3460.6	2552.5	1617.0	1101.1	885.1	862.6
67.5°	314.6	337.1	447.1	826.8	1907.8	2958.4	1937.6	925.9	499.9	358.6	327.0
70°	133.9	136.7	161.9	288.0	867.2	1924.7	991.9	314.6	166.9	134.8	131.2
72.5°	96.3	96.8	103.6	127.5	264.2	844.3	299.9	132.1	101.8	91.7	91.7
75°	77.0	77.5	81.6	92.2	124.7	248.6	129.3	92.6	78.9	72.0	71.1
77.5°	60.5	61.5	65.6	72.0	83.5	113.7	87.6	72.9	63.3	56.9	55.9
80°	44.9	46.3	51.8	55.0	58.7	75.7	63.7	56.9	50.4	43.6	42.2
82.5°	29.8	31.2	38.5	40.8	40.4	47.7	44.0	43.6	38.5	28.9	27.5
85°	17.9	18.8	24.8	26.6	24.8	23.4	28.0	30.3	27.1	18.8	17.4
87.5°	7.8	7.8	11.0	11.5	11.0	8.7	13.3	15.6	16.1	9.6	8.7
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)