

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: P672713

Luminaire Tested: **CCP-SA-1F-760-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672713
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-760-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ 5NQ
distribution lens
Light Source: (16) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7980.9 lumens
Efficiency: N/A
Efficacy: 119.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

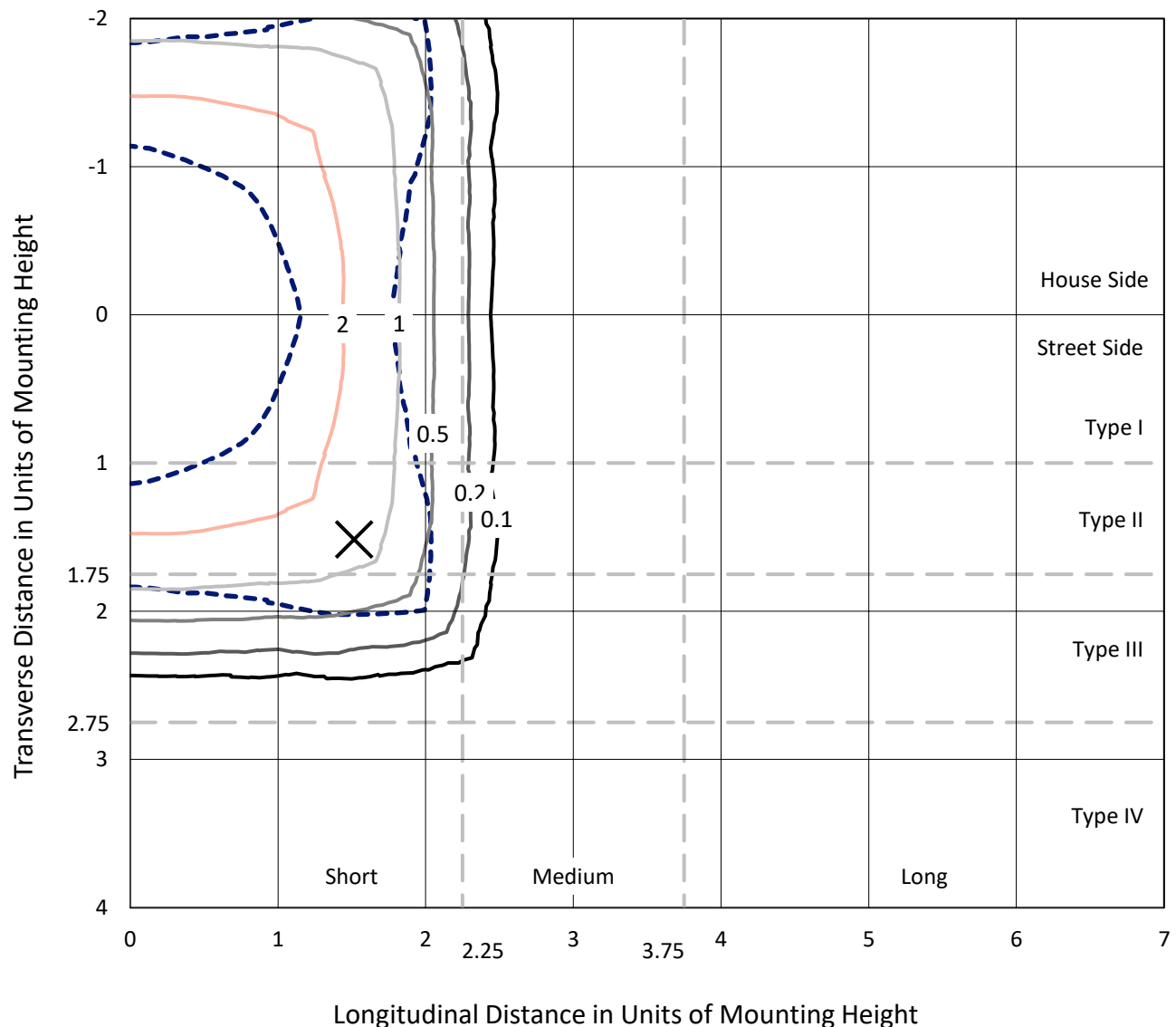
Input Watts (W): 67
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

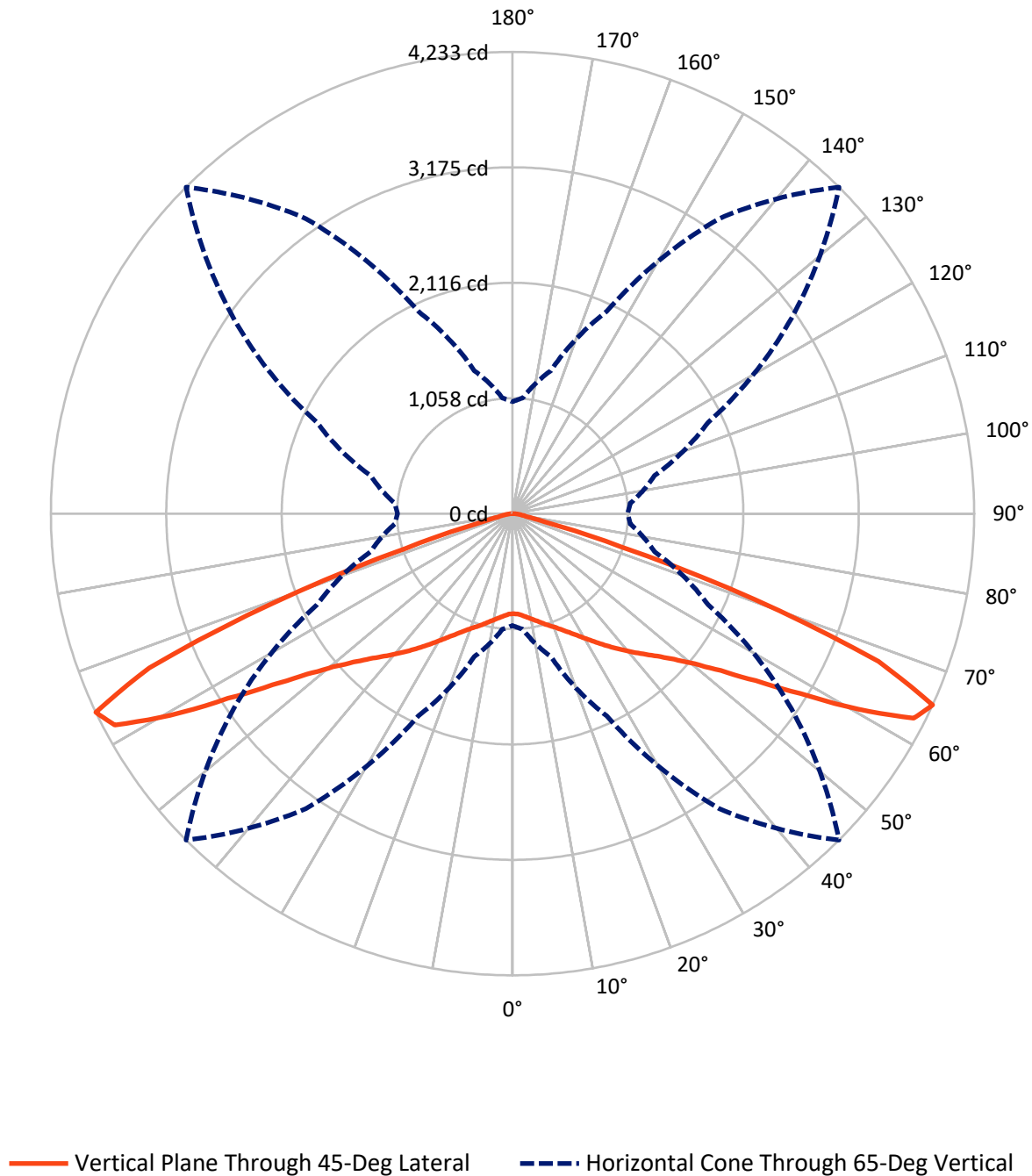
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.2 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	3990.4	0.0	3990.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3990.4	0.0	3990.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	7980.9	0.0	7980.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.9	1.1
10°-20°	296.7	3.7
20°-30°	562.7	7.1
30°-40°	943.7	11.8
40°-50°	1493.4	18.7
50°-60°	2346.1	29.4
60°-70°	1982.3	24.8
70°-80°	230.8	2.9
80°-90°	34.4	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°	7980.9	100.0
0°-180°	7980.9	100.0

Coefficient of Utilization



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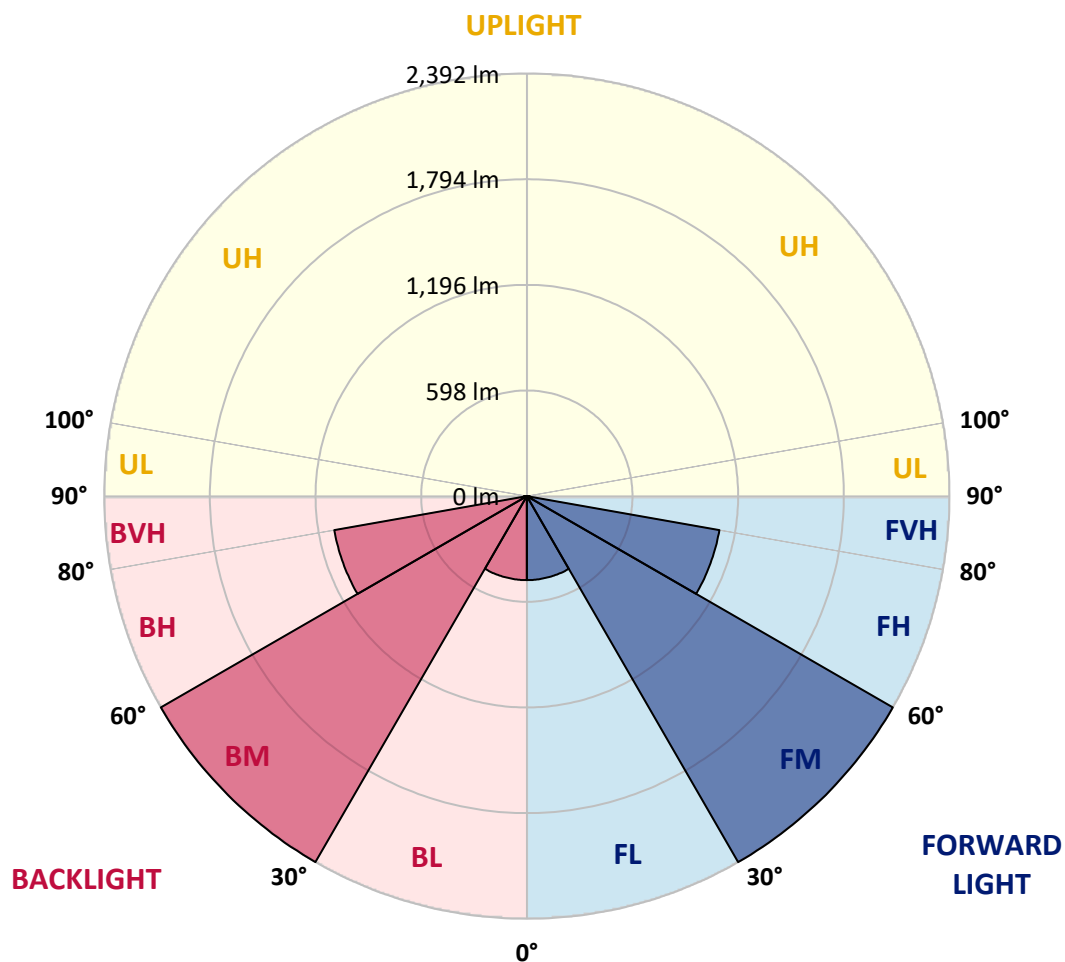
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	475.1	6.0			
FM	(30°-60°)	2391.6	30.0			
FH	(60°-80°)	1106.5	13.9			G1/1800
FVH	(80°-90°)	17.2	0.2			G1/100
BL	(0°-30°)	475.1	6.0	B1/500		
BM	(30°-60°)	2391.6	30.0	B2/2500		
BH	(60°-80°)	1106.5	13.9	B3/2500		G1/1800
BVH	(80°-90°)	17.2	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°	917.7	917.7	917.7	917.7	917.7	917.7	917.7	917.7	917.7	917.7	917.7
2.5°	922.7	919.9	922.7	922.7	921.0	921.6	919.3	918.8	921.6	919.3	918.8
5°	941.8	939.5	941.8	940.1	937.3	937.9	934.5	933.4	936.7	933.4	933.9
7.5°	963.7	959.7	960.9	962.5	959.7	959.7	956.9	955.2	956.9	953.6	955.8
10°	982.2	978.8	980.5	982.7	982.2	983.9	981.0	979.9	978.2	974.3	977.7
12.5°	1006.3	1005.2	1007.4	1010.2	1009.1	1011.3	1005.2	1003.5	1002.9	998.4	1002.4
15°	1037.7	1034.9	1038.8	1042.2	1040.5	1044.4	1039.4	1037.1	1034.3	1028.7	1032.1
17.5°	1069.1	1066.9	1072.5	1074.2	1074.7	1078.1	1074.2	1070.8	1069.7	1065.7	1063.5
20°	1106.7	1103.9	1108.4	1111.7	1108.9	1112.9	1111.2	1108.9	1107.8	1101.6	1101.1
22.5°	1148.8	1144.8	1151.6	1155.5	1151.6	1155.5	1152.1	1151.6	1152.1	1143.2	1144.3
25°	1195.9	1196.4	1203.2	1206.0	1203.7	1206.0	1200.9	1204.3	1202.6	1193.1	1189.7
27.5°	1256.5	1254.2	1261.5	1269.9	1264.3	1264.3	1262.1	1265.4	1264.9	1255.9	1253.7
30°	1327.1	1326.6	1337.2	1342.3	1334.4	1331.1	1330.5	1338.9	1339.5	1329.9	1326.0
32.5°	1401.2	1401.2	1414.1	1420.2	1409.0	1406.8	1404.5	1415.8	1414.1	1401.2	1392.8
35°	1482.5	1479.1	1496.5	1505.5	1494.3	1487.6	1486.4	1496.5	1494.3	1476.3	1466.2
37.5°	1562.7	1565.0	1585.2	1595.3	1581.8	1573.4	1576.2	1582.9	1583.5	1563.8	1553.2
40°	1660.9	1661.4	1686.7	1694.5	1677.1	1664.2	1668.2	1683.3	1682.2	1658.1	1644.6
42.5°	1770.8	1768.6	1800.0	1806.7	1783.2	1758.5	1770.3	1793.8	1799.4	1772.5	1758.5
45°	1888.6	1892.0	1924.5	1931.8	1894.8	1863.4	1888.6	1924.0	1931.2	1902.1	1884.7
47.5°	2031.6	2035.6	2074.8	2077.6	2035.6	1994.6	2028.3	2074.3	2077.1	2036.7	2016.5
50°	2194.9	2208.3	2252.1	2257.7	2216.2	2163.5	2211.7	2252.7	2242.0	2188.1	2169.6
52.5°	2380.0	2390.6	2459.1	2482.6	2446.2	2389.5	2428.2	2453.5	2419.2	2348.6	2320.0
55°	2537.6	2555.5	2646.4	2718.2	2745.7	2703.1	2698.6	2661.6	2566.2	2458.5	2428.8
57.5°	2581.9	2599.3	2740.1	2925.2	3088.4	3109.7	3011.0	2825.4	2620.1	2454.0	2423.7
60°	2401.9	2425.4	2631.3	2981.8	3450.2	3643.2	3286.4	2839.4	2480.4	2257.7	2219.6
62.5°	1886.4	1930.1	2196.0	2745.7	3596.1	4128.9	3399.7	2597.6	2059.1	1796.1	1745.6
65°	1025.9	1063.5	1356.9	2046.2	3300.4	4232.7	3122.1	1977.8	1346.8	1082.6	1055.1
67.5°	384.8	412.3	546.9	1011.3	2333.4	3618.5	2369.9	1132.5	611.4	438.6	399.9
70°	163.8	167.2	198.0	352.3	1060.7	2354.2	1213.3	384.8	204.2	164.9	160.4
72.5°	117.8	118.4	126.8	155.9	323.1	1032.7	366.8	161.5	124.5	112.2	112.2
75°	94.2	94.8	99.8	112.7	152.6	304.0	158.2	113.3	96.5	88.1	86.9
77.5°	74.0	75.2	80.2	88.1	102.1	139.1	107.1	89.2	77.4	69.6	68.4
80°	55.0	56.7	63.4	67.3	71.8	92.6	78.0	69.6	61.7	53.3	51.6
82.5°	36.5	38.1	47.1	49.9	49.4	58.3	53.8	53.3	47.1	35.3	33.7
85°	21.9	23.0	30.3	32.5	30.3	28.6	34.2	37.0	33.1	23.0	21.3
87.5°	9.5	9.5	13.5	14.0	13.5	10.7	16.3	19.1	19.6	11.8	10.7
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)