

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: P672472

Luminaire Tested: **CCP-SA-2C-840-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672472
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-840-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5WQ
distribution lens
Light Source: (32) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8079.6 lumens
Efficiency: N/A
Efficacy: 130.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

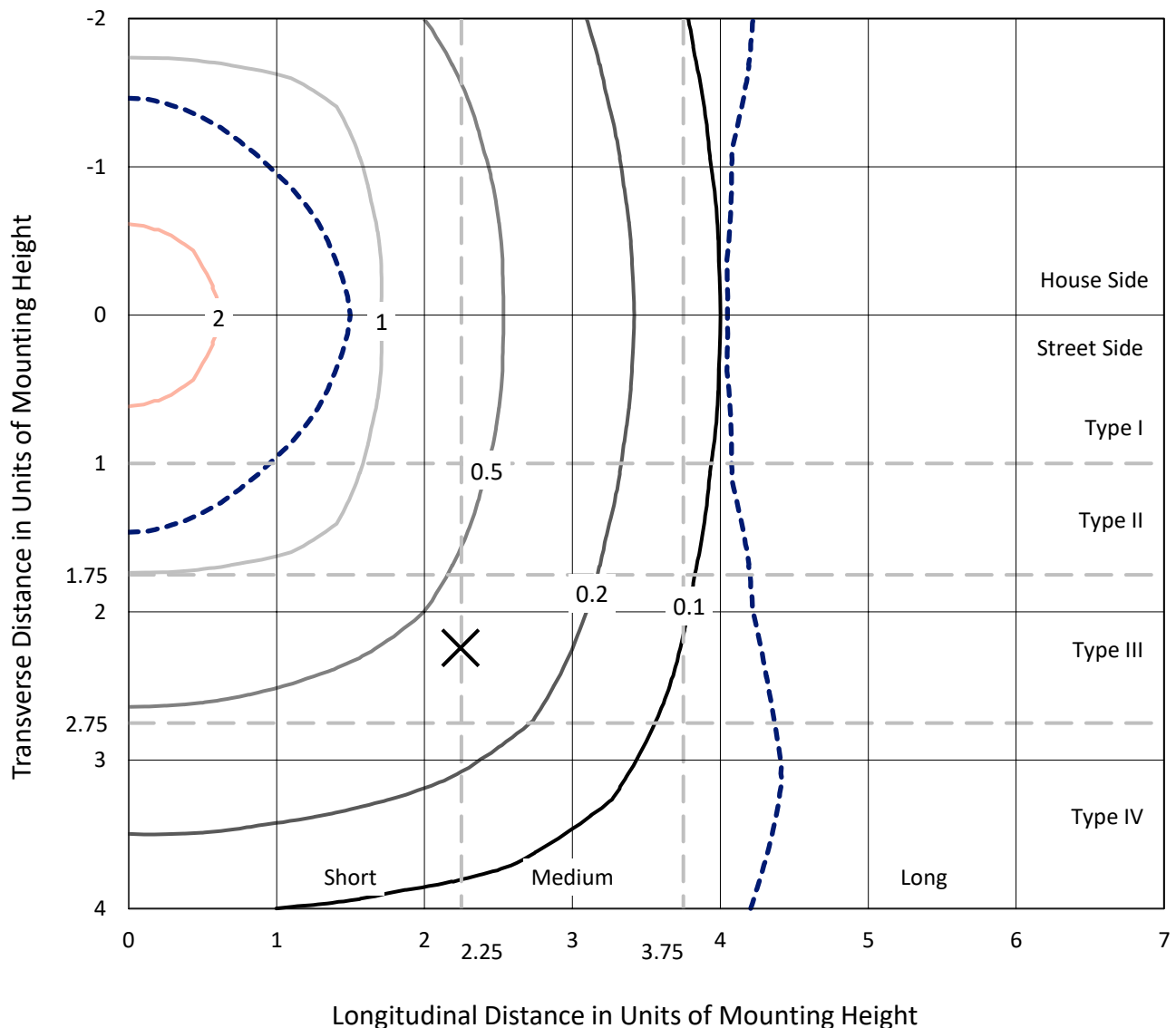
Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

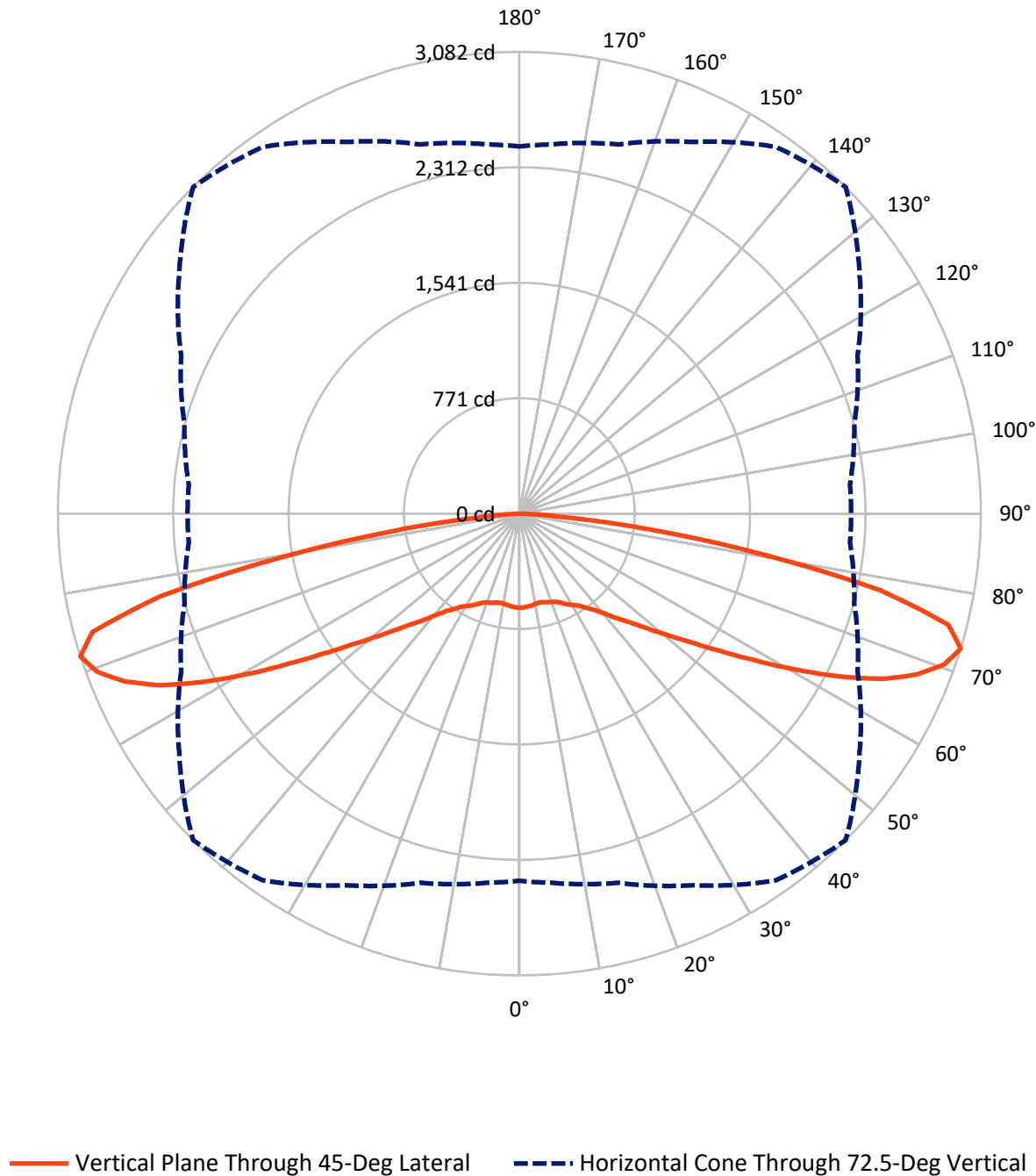


Based on 15 foot mounting height. Maximum calculated value = 2.8 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4039.8	0.0	4039.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4039.8	0.0	4039.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	8079.6	0.0	8079.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.1	0.7
10°-20°	175.5	2.2
20°-30°	308.3	3.8
30°-40°	491.8	6.1
40°-50°	822.4	10.2
50°-60°	1407.2	17.4
60°-70°	2323.2	28.8
70°-80°	2226.6	27.6
80°-90°	265.5	3.3
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°	8079.6	100.0
0°-180°	8079.6	100.0



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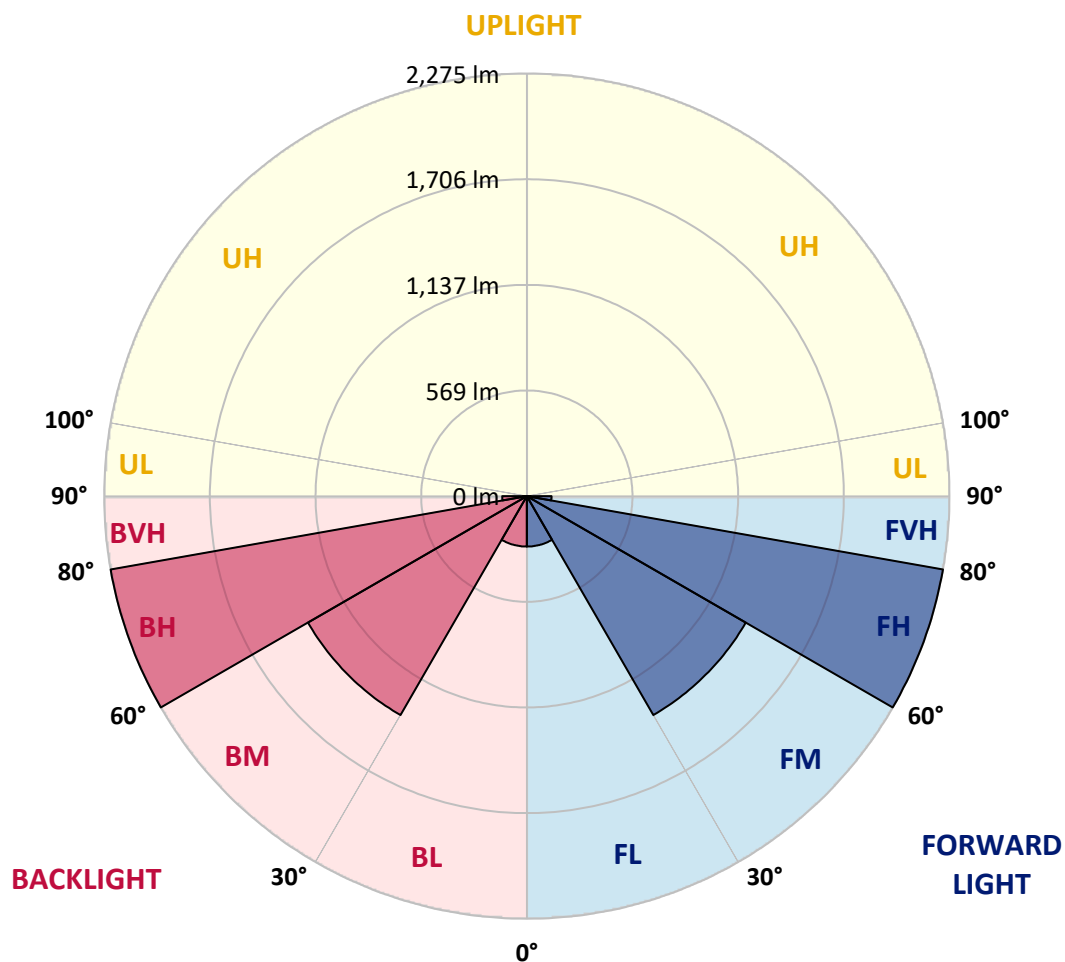
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	271.4	3.4			
FM	(30°-60°)	1360.7	16.8			
FH	(60°-80°)	2274.9	28.2			G2/5000
FVH	(80°-90°)	132.8	1.6			G2/225
BL	(0°-30°)	271.4	3.4	B1/500		
BM	(30°-60°)	1360.7	16.8	B2/2500		
BH	(60°-80°)	2274.9	28.2	B3/2500		G2/5000
BVH	(80°-90°)	132.8	1.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	629.2	629.2	629.2	629.2	629.2	629.2	629.2	629.2	629.2	629.2	629.2
2.5°	625.2	625.2	626.9	627.5	626.9	626.4	625.8	625.2	626.9	626.4	626.9
5°	623.5	623.5	624.1	624.7	623.5	623.0	621.8	621.3	622.4	622.4	623.5
7.5°	619.0	618.5	619.0	619.6	617.9	617.3	615.6	615.6	615.6	615.1	616.2
10°	615.1	614.0	614.0	612.8	610.0	610.6	608.3	610.0	612.8	613.4	614.0
12.5°	616.8	615.6	614.5	611.7	607.7	608.3	607.7	609.4	613.4	615.6	617.3
15°	624.7	623.5	620.7	615.6	613.4	613.4	612.3	612.8	618.5	621.8	623.5
17.5°	633.1	630.9	625.8	622.4	620.2	621.8	617.9	617.3	621.8	626.9	628.6
20°	639.9	638.2	632.0	628.0	628.0	629.7	625.8	623.5	628.6	634.8	636.5
22.5°	651.7	650.6	644.4	640.4	640.4	641.0	638.8	637.1	642.7	648.9	650.6
25°	668.6	668.6	662.4	660.7	660.2	661.3	658.5	656.8	661.9	666.4	668.1
27.5°	688.4	686.7	681.6	680.5	682.7	686.7	681.6	677.1	681.0	685.0	685.6
30°	709.2	709.2	704.7	704.7	706.4	708.1	703.6	699.1	703.0	707.5	708.1
32.5°	738.5	736.9	735.2	735.7	735.2	732.9	730.7	730.1	733.5	736.3	737.4
35°	774.6	774.1	771.8	772.9	772.9	772.9	766.2	763.9	769.6	771.8	770.7
37.5°	830.4	829.9	824.2	820.9	816.9	815.2	806.8	806.2	819.7	826.5	825.4
40°	898.7	896.4	891.3	885.7	880.6	877.2	868.8	875.0	889.1	894.1	894.1
42.5°	973.1	970.3	964.6	961.8	958.4	955.0	943.8	946.6	963.5	968.6	962.9
45°	1064.4	1060.5	1054.3	1048.1	1043.0	1036.2	1030.6	1033.4	1051.4	1057.6	1053.1
47.5°	1161.4	1160.2	1155.2	1150.1	1145.6	1141.1	1133.8	1138.8	1154.6	1153.5	1144.5
50°	1264.0	1266.2	1266.8	1271.9	1268.5	1269.1	1255.5	1252.7	1265.1	1257.8	1246.5
52.5°	1374.5	1377.9	1389.7	1399.9	1418.5	1420.7	1403.8	1385.8	1383.5	1364.3	1352.5
55°	1502.5	1501.9	1527.8	1556.0	1597.2	1610.1	1572.4	1538.5	1519.9	1482.7	1470.3
57.5°	1647.4	1645.7	1685.1	1734.7	1809.2	1841.3	1771.9	1707.7	1662.6	1618.0	1605.1
60°	1804.6	1808.6	1856.5	1937.1	2065.7	2110.2	2005.3	1898.8	1830.0	1771.9	1766.9
62.5°	1988.4	1989.0	2045.4	2154.7	2321.6	2393.2	2248.9	2104.6	2017.2	1953.5	1940.0
65°	2205.5	2209.4	2269.8	2380.3	2571.9	2660.5	2494.1	2318.2	2215.1	2128.8	2127.1
67.5°	2428.2	2425.9	2481.2	2598.4	2783.4	2865.1	2690.9	2494.7	2360.5	2252.8	2238.8
70°	2570.8	2583.2	2643.0	2755.2	2932.2	3011.7	2799.7	2562.9	2422.5	2323.9	2317.1
72.5°	2450.7	2473.8	2551.1	2737.1	2988.0	3082.2	2773.8	2492.5	2315.4	2216.2	2216.2
75°	1989.6	2027.9	2135.6	2422.0	2795.2	2958.1	2568.0	2181.2	1923.6	1817.6	1817.6
77.5°	1212.1	1248.8	1394.2	1743.8	2257.4	2466.0	2093.3	1642.8	1344.6	1214.9	1198.0
80°	403.1	426.8	569.4	886.3	1385.8	1641.1	1402.7	933.0	602.1	458.9	456.7
82.5°	107.1	116.7	162.4	257.1	601.5	889.1	641.6	307.8	176.5	137.0	126.3
85°	37.2	40.0	68.8	85.7	152.8	294.3	178.7	111.6	85.7	51.9	48.5
87.5°	10.7	11.8	27.6	29.9	44.0	34.4	48.5	44.5	40.6	16.9	15.2
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)