

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: P672539

Luminaire Tested: **CCP-SA-2C-735-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672539
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-735-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5MQ
distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

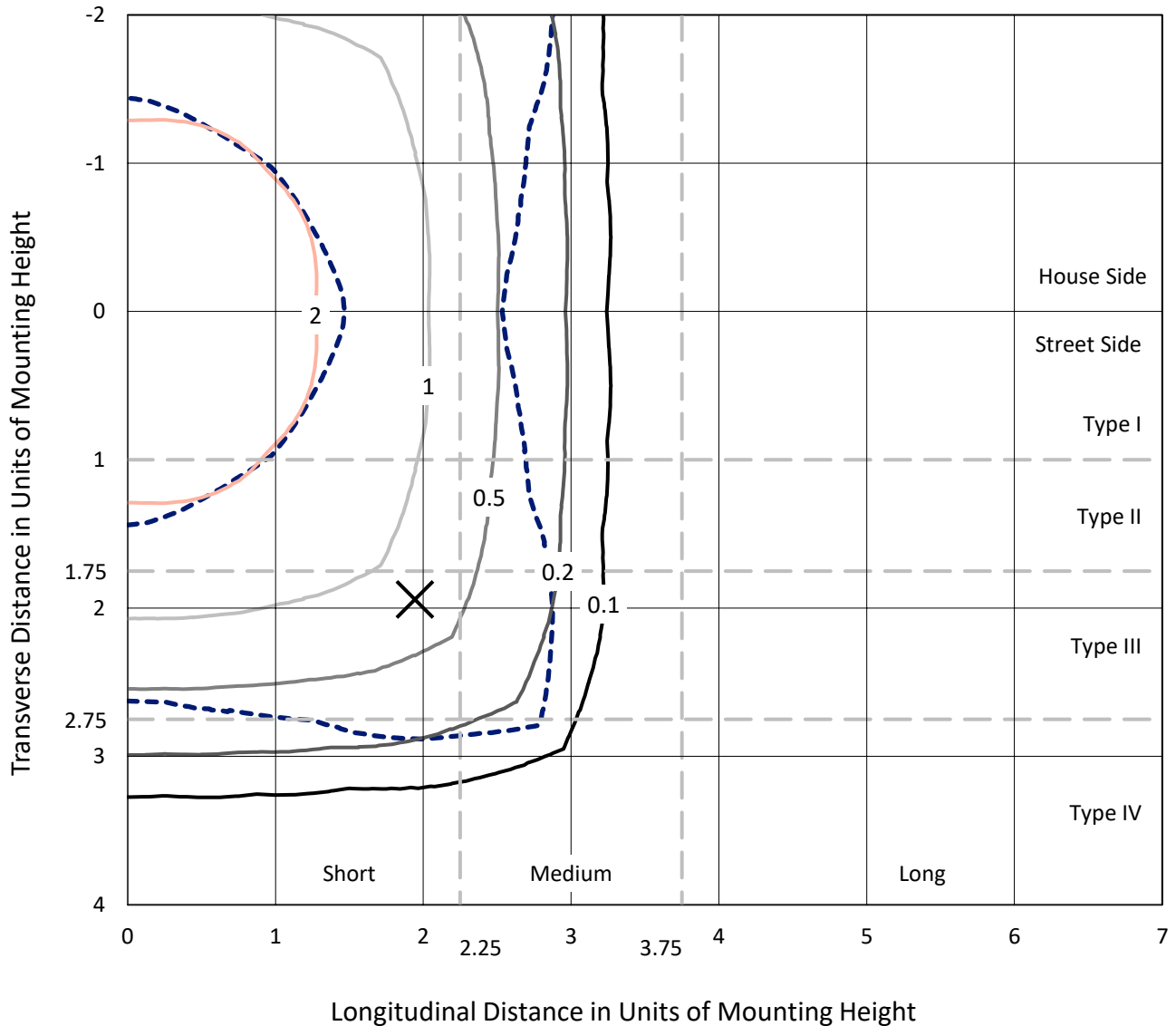
Lumens per Lamp: N/A
Luminaire Lumens: 9205.2 lumens
Efficiency: N/A
Efficacy: 148.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

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

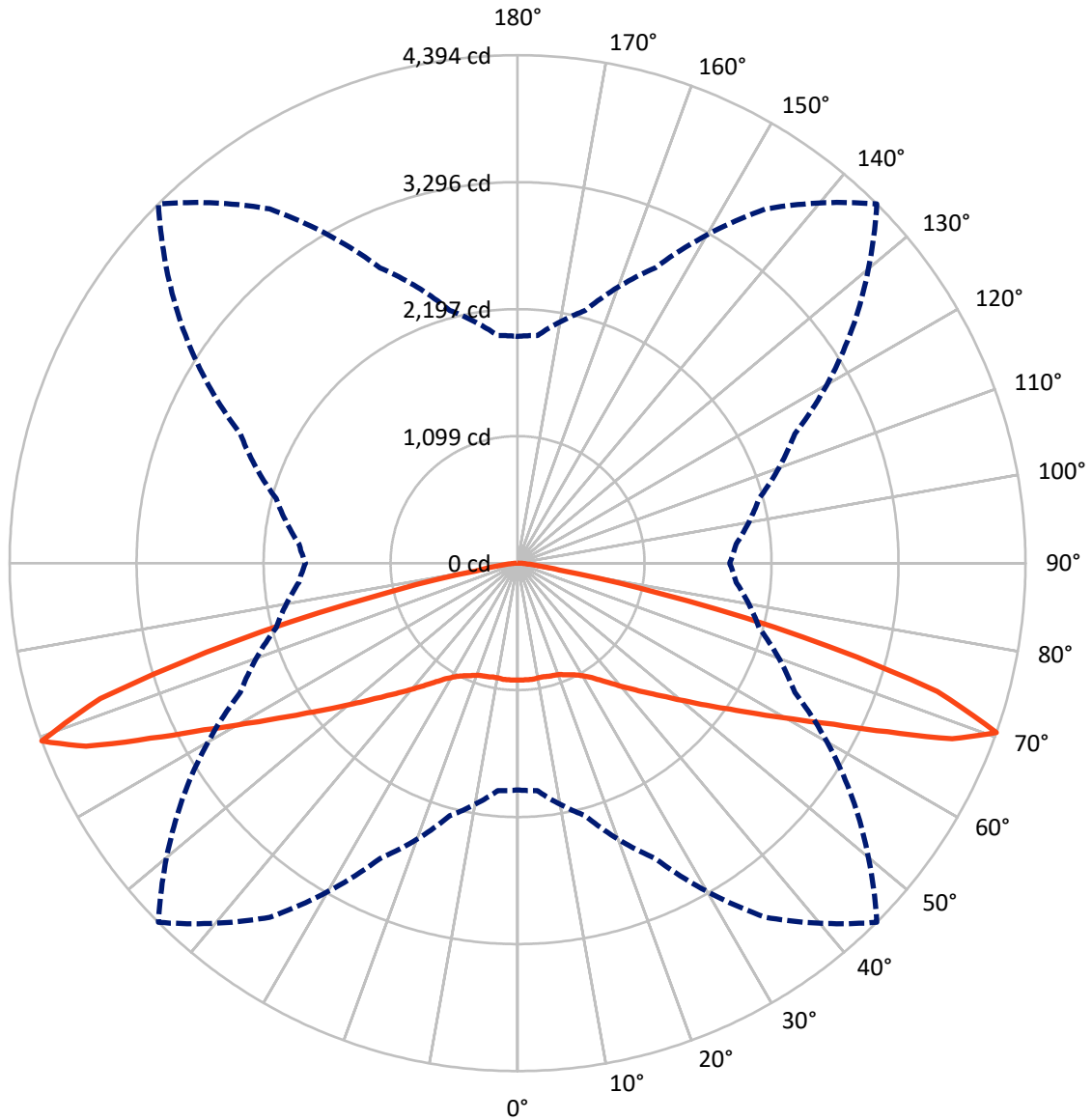
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.5 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4602.6	0.0	4602.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4602.6	0.0	4602.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	9205.2	0.0	9205.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.3	1.0
10°-20°	285.0	3.1
20°-30°	486.7	5.3
30°-40°	776.6	8.4
40°-50°	1253.2	13.6
50°-60°	2006.8	21.8
60°-70°	2937.8	31.9
70°-80°	1292.0	14.0
80°-90°	70.8	0.8
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°	9205.2	100.0
0°-180°	9205.2	100.0



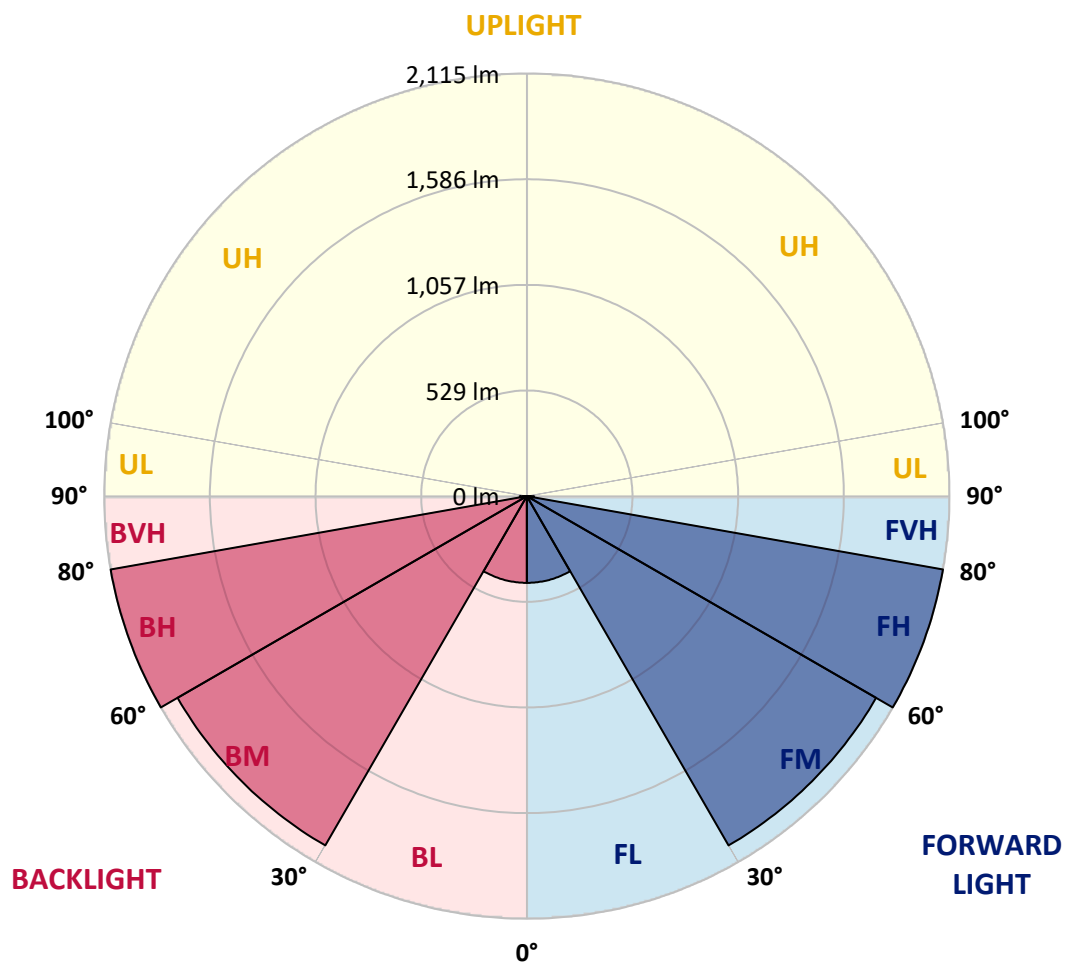
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	434.0	4.7			
FM (30°-60°)	2018.3	21.9			
FH (60°-80°)	2114.9	23.0			G2/5000
FVH (80°-90°)	35.4	0.4			G1/100
BL (0°-30°)	434.0	4.7	B1/500		
BM (30°-60°)	2018.3	21.9	B2/2500		
BH (60°-80°)	2114.9	23.0	B3/2500		G2/5000
BVH (80°-90°)	35.4	0.4			G1/100
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°	1012.3	1012.3	1012.3	1012.3	1012.3	1012.3	1012.3	1012.3	1012.3	1012.3	1012.3
2.5°	1011.0	1010.3	1011.6	1012.3	1011.0	1011.6	1007.7	1007.7	1009.7	1007.7	1010.3
5°	1015.5	1014.2	1015.5	1015.5	1012.3	1012.3	1007.7	1006.4	1007.7	1004.4	1007.1
7.5°	1016.2	1013.6	1015.5	1014.9	1012.3	1012.3	1005.7	1003.1	1003.8	1000.5	1002.5
10°	1009.7	1008.4	1011.0	1009.7	1007.7	1007.7	1002.5	998.6	998.6	995.3	997.3
12.5°	1005.7	1004.4	1007.7	1008.4	1007.1	1007.7	1001.2	996.0	994.0	990.1	991.4
15°	1005.7	1003.1	1008.4	1009.7	1011.0	1015.5	1005.7	996.6	992.7	987.5	988.8
17.5°	1005.1	1003.8	1009.7	1014.2	1015.5	1020.7	1009.7	999.9	995.3	987.5	988.8
20°	1005.1	1004.4	1011.6	1020.1	1024.0	1028.6	1016.8	1007.7	999.9	991.4	991.4
22.5°	1008.4	1007.7	1017.5	1029.9	1041.0	1048.8	1035.1	1020.1	1009.7	998.6	997.3
25°	1022.1	1020.7	1032.5	1047.5	1062.5	1070.3	1056.6	1041.6	1026.6	1014.2	1012.9
27.5°	1050.1	1049.4	1061.2	1079.4	1089.9	1095.8	1084.0	1071.0	1056.0	1041.6	1041.0
30°	1087.9	1087.9	1102.9	1121.8	1127.7	1132.3	1120.5	1111.4	1095.8	1080.1	1078.8
32.5°	1133.6	1136.2	1153.8	1174.7	1178.6	1181.2	1168.8	1162.9	1146.0	1129.0	1126.4
35°	1193.6	1194.2	1215.8	1236.6	1241.9	1244.5	1230.1	1224.9	1209.2	1191.0	1187.1
37.5°	1269.9	1267.9	1288.2	1311.6	1316.9	1320.1	1308.4	1304.5	1284.9	1266.6	1260.8
40°	1355.3	1356.7	1379.5	1401.7	1404.9	1406.2	1400.3	1394.5	1376.2	1355.3	1348.2
42.5°	1454.5	1454.5	1481.2	1507.3	1507.3	1500.8	1498.2	1496.9	1479.3	1455.8	1448.0
45°	1568.0	1569.3	1602.5	1622.1	1623.4	1605.8	1608.4	1616.2	1599.3	1569.3	1558.8
47.5°	1692.6	1694.5	1733.6	1755.2	1751.3	1728.4	1742.8	1746.7	1727.1	1688.6	1674.9
50°	1823.7	1829.5	1873.2	1911.1	1905.8	1872.6	1891.5	1892.8	1860.8	1816.5	1797.6
52.5°	1965.2	1978.9	2036.9	2077.4	2082.6	2040.8	2057.2	2055.8	2014.8	1954.1	1941.7
55°	2140.6	2148.5	2205.9	2263.3	2282.8	2231.3	2249.6	2240.4	2185.0	2115.9	2095.0
57.5°	2316.1	2327.8	2401.5	2466.1	2505.2	2461.5	2465.5	2442.0	2372.2	2288.7	2278.3
60°	2524.2	2529.4	2610.9	2695.0	2762.9	2736.8	2718.5	2669.6	2587.4	2503.9	2488.9
62.5°	2694.4	2704.8	2826.1	2950.1	3064.9	3069.4	3014.0	2940.9	2809.8	2670.3	2640.2
65°	2741.3	2758.3	2928.5	3173.1	3411.8	3518.2	3366.2	3143.1	2850.3	2639.6	2594.6
67.5°	2522.8	2555.5	2798.7	3205.1	3734.7	4053.6	3646.6	3047.2	2638.3	2392.4	2349.4
70°	1961.9	1976.3	2262.0	2819.6	3739.9	4394.1	3533.8	2646.1	2162.8	1898.7	1835.4
72.5°	1042.3	1049.4	1307.1	1898.7	3043.3	3796.0	2920.1	1851.7	1273.2	1033.1	960.7
75°	336.6	345.7	450.0	777.5	1678.9	2550.9	1721.9	770.3	439.0	354.2	335.2
77.5°	171.5	170.9	189.8	250.5	564.8	1250.3	597.4	270.0	189.8	170.2	165.0
80°	107.0	105.0	119.4	137.0	197.6	365.3	214.6	151.3	120.0	103.1	102.4
82.5°	60.7	60.7	80.2	88.1	111.5	150.7	125.2	103.7	82.2	61.3	59.4
85°	33.9	30.0	50.2	55.4	63.9	74.4	76.3	67.2	55.4	33.9	35.2
87.5°	12.4	13.7	23.5	22.2	25.4	17.6	31.3	35.2	31.3	16.3	13.7
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)