

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: P672529

Luminaire Tested: **CCP-SA-2D-730-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672529
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2D-730-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5MQ distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

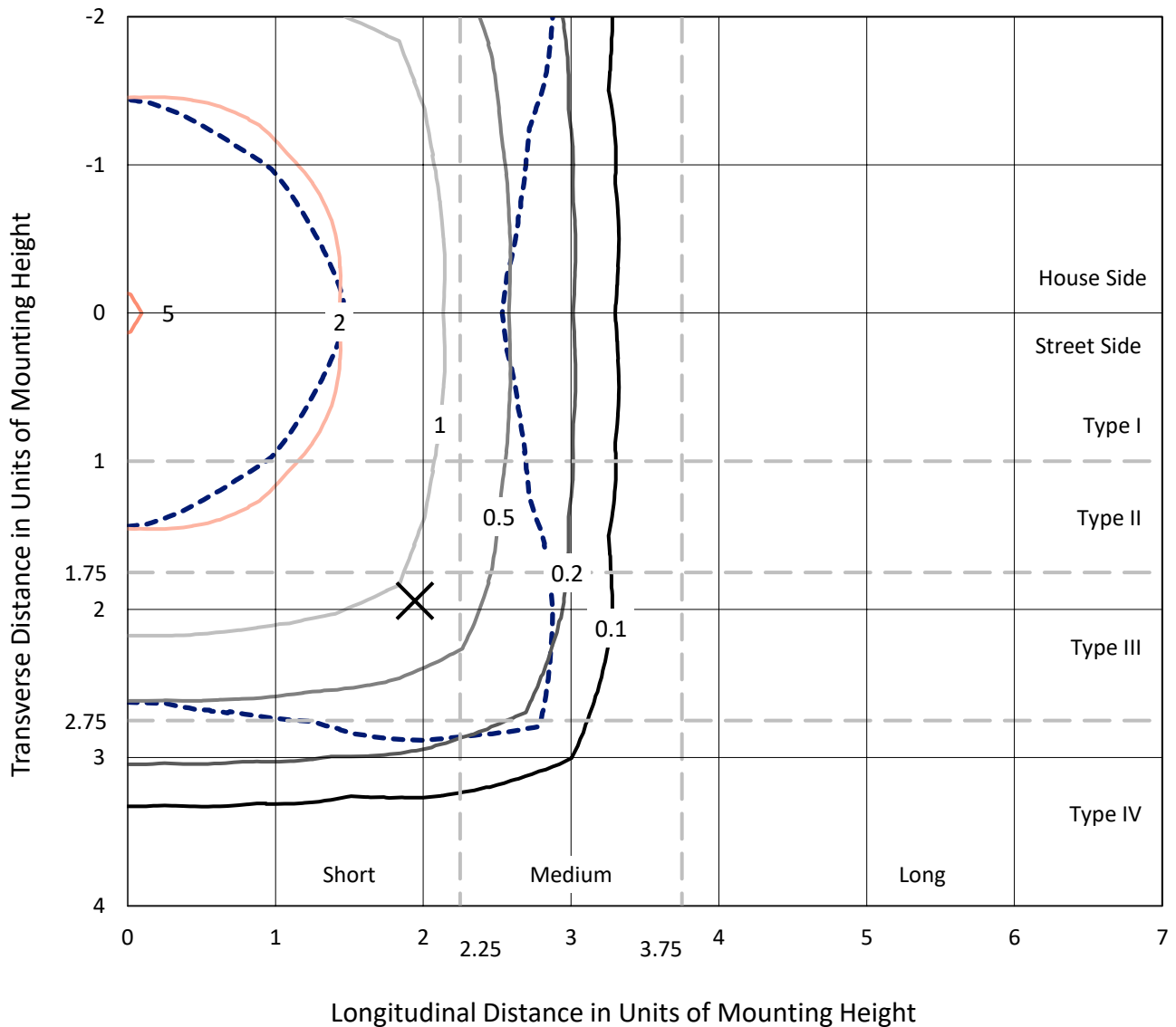
Lumens per Lamp: N/A
Luminaire Lumens: 10483.2 lumens
Efficiency: N/A
Efficacy: 129.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 80.8
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

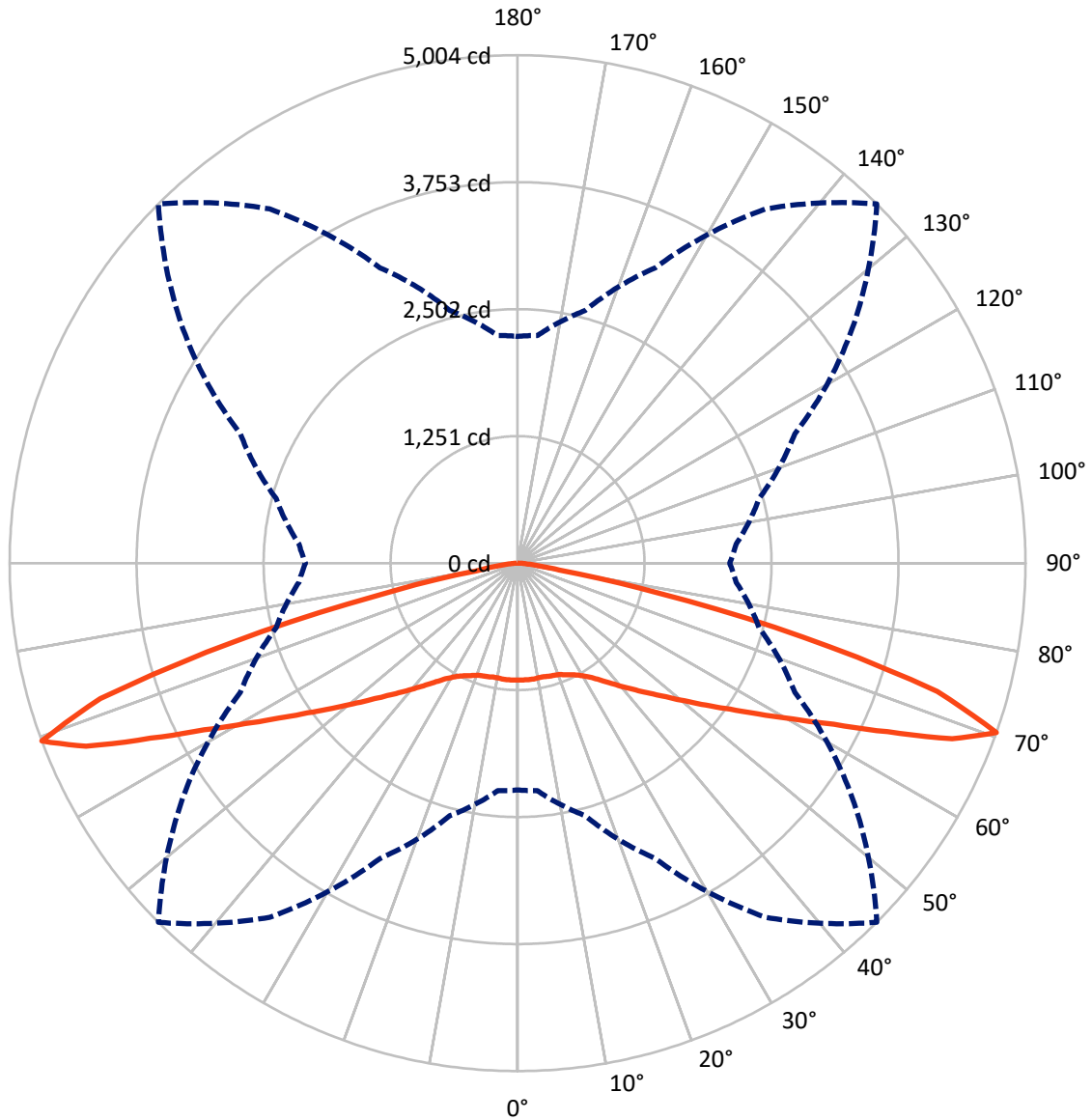
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.1 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	5241.6	0.0	5241.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5241.6	0.0	5241.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	10483.2	0.0	10483.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.7	1.0
10°-20°	324.5	3.1
20°-30°	554.2	5.3
30°-40°	884.4	8.4
40°-50°	1427.2	13.6
50°-60°	2285.4	21.8
60°-70°	3345.7	31.9
70°-80°	1471.4	14.0
80°-90°	80.6	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°	10483.2	100.0
0°-180°	10483.2	100.0



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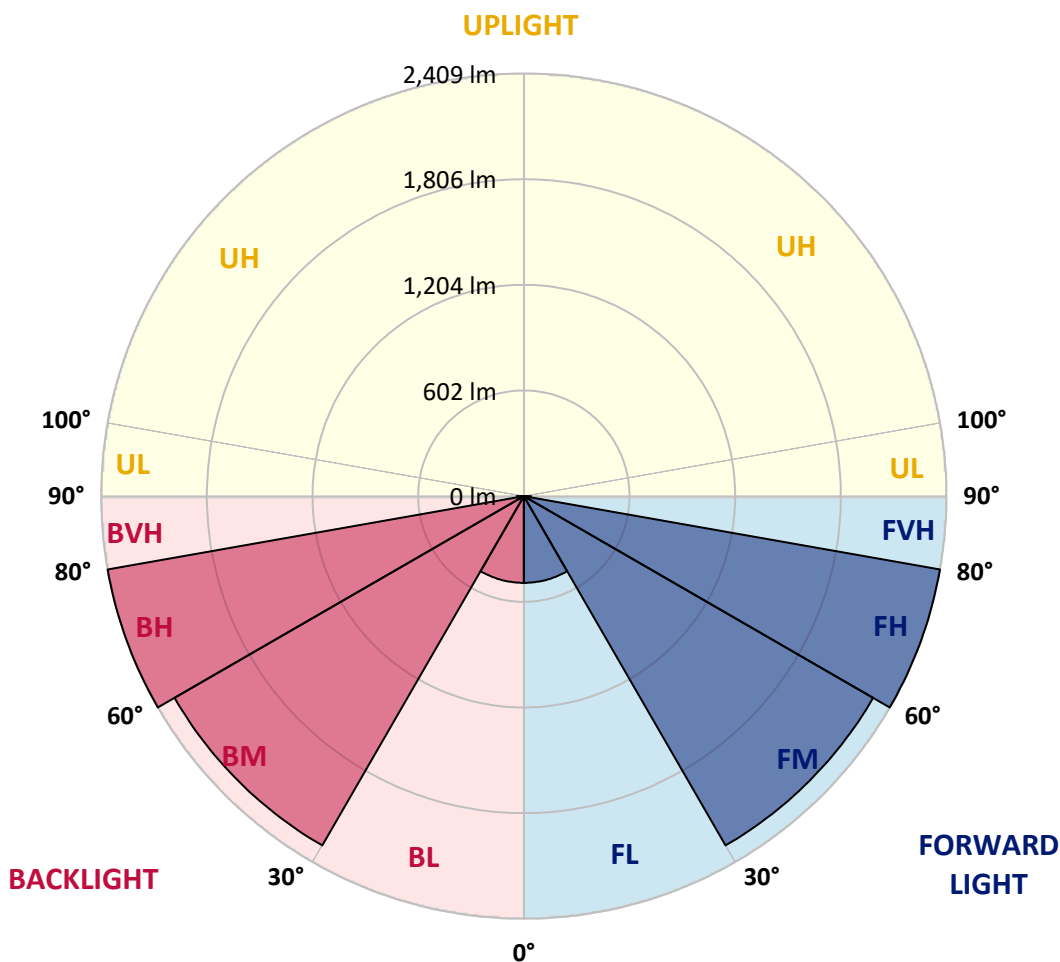
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	494.2	4.7			
FM (30°-60°)	2298.5	21.9			
FH (60°-80°)	2408.5	23.0			G2/5000
FVH (80°-90°)	40.3	0.4			G1/100
BL (0°-30°)	494.2	4.7	B1/500		
BM (30°-60°)	2298.5	21.9	B2/2500		
BH (60°-80°)	2408.5	23.0	B3/2500		G2/5000
BVH (80°-90°)	40.3	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°	1152.8	1152.8	1152.8	1152.8	1152.8	1152.8	1152.8	1152.8	1152.8	1152.8	1152.8
2.5°	1151.3	1150.6	1152.1	1152.8	1151.3	1152.1	1147.6	1147.6	1149.8	1147.6	1150.6
5°	1156.5	1155.0	1156.5	1156.5	1152.8	1152.8	1147.6	1146.1	1147.6	1143.9	1146.9
7.5°	1157.3	1154.3	1156.5	1155.8	1152.8	1152.8	1145.4	1142.4	1143.2	1139.4	1141.7
10°	1149.8	1148.3	1151.3	1149.8	1147.6	1147.6	1141.7	1137.2	1137.2	1133.5	1135.7
12.5°	1145.4	1143.9	1147.6	1148.3	1146.9	1147.6	1140.2	1134.2	1132.0	1127.6	1129.0
15°	1145.4	1142.4	1148.3	1149.8	1151.3	1156.5	1145.4	1135.0	1130.5	1124.6	1126.1
17.5°	1144.6	1143.2	1149.8	1155.0	1156.5	1162.5	1149.8	1138.7	1133.5	1124.6	1126.1
20°	1144.6	1143.9	1152.1	1161.7	1166.2	1171.4	1158.0	1147.6	1138.7	1129.0	1129.0
22.5°	1148.3	1147.6	1158.7	1172.9	1185.5	1194.4	1178.8	1161.7	1149.8	1137.2	1135.7
25°	1163.9	1162.5	1175.8	1192.9	1210.0	1218.9	1203.3	1186.2	1169.1	1155.0	1153.5
27.5°	1195.9	1195.1	1208.5	1229.3	1241.2	1247.9	1234.5	1219.7	1202.6	1186.2	1185.5
30°	1239.0	1239.0	1256.1	1277.6	1284.3	1289.5	1276.1	1265.7	1247.9	1230.1	1228.6
32.5°	1291.0	1293.9	1314.0	1337.8	1342.2	1345.2	1331.1	1324.4	1305.1	1285.8	1282.8
35°	1359.3	1360.0	1384.6	1408.3	1414.3	1417.2	1400.9	1395.0	1377.1	1356.3	1351.9
37.5°	1446.2	1444.0	1467.0	1493.7	1499.7	1503.4	1490.0	1485.6	1463.3	1442.5	1435.8
40°	1543.5	1545.0	1571.0	1596.3	1600.0	1601.5	1594.8	1588.1	1567.3	1543.5	1535.3
42.5°	1656.4	1656.4	1686.9	1716.6	1716.6	1709.2	1706.2	1704.7	1684.6	1657.9	1649.0
45°	1785.7	1787.1	1825.0	1847.3	1848.8	1828.7	1831.7	1840.6	1821.3	1787.1	1775.3
47.5°	1927.5	1929.8	1974.3	1998.8	1994.4	1968.4	1984.7	1989.2	1966.9	1923.1	1907.5
50°	2076.8	2083.5	2133.3	2176.4	2170.4	2132.5	2154.1	2155.6	2119.2	2068.7	2047.1
52.5°	2238.0	2253.6	2319.7	2365.8	2371.7	2324.2	2342.8	2341.3	2294.5	2225.4	2211.3
55°	2437.8	2446.7	2512.1	2577.5	2599.8	2541.1	2561.9	2551.5	2488.3	2409.6	2385.8
57.5°	2637.6	2651.0	2734.9	2808.5	2853.0	2803.3	2807.7	2781.0	2701.5	2606.4	2594.6
60°	2874.6	2880.5	2973.4	3069.2	3146.4	3116.7	3095.9	3040.2	2946.6	2851.6	2834.5
62.5°	3068.5	3080.3	3218.5	3359.6	3490.4	3495.6	3432.4	3349.2	3199.9	3041.0	3006.8
65°	3121.9	3141.2	3335.1	3613.7	3885.5	4006.6	3833.5	3579.5	3246.0	3006.1	2954.8
67.5°	2873.1	2910.2	3187.3	3650.1	4253.2	4616.4	4152.9	3470.3	3004.6	2724.5	2675.5
70°	2234.3	2250.6	2576.0	3211.1	4259.1	5004.2	4024.4	3013.5	2463.1	2162.3	2090.2
72.5°	1187.0	1195.1	1488.5	2162.3	3465.8	4323.0	3325.5	2108.8	1449.9	1176.6	1094.1
75°	383.3	393.7	512.5	885.4	1911.9	2905.0	1961.0	877.2	499.9	403.3	381.8
77.5°	195.4	194.6	216.2	285.2	643.3	1423.9	680.4	307.5	216.2	193.9	187.9
80°	121.8	119.6	135.9	156.0	225.1	416.0	244.4	172.3	136.7	117.4	116.6
82.5°	69.1	69.1	91.4	100.3	127.0	171.6	142.6	118.1	93.6	69.8	67.6
85°	38.6	34.2	57.2	63.1	72.8	84.7	86.9	76.5	63.1	38.6	40.1
87.5°	14.1	15.6	26.7	25.3	29.0	20.1	35.7	40.1	35.7	18.6	15.6
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)