

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: P672817

Luminaire Tested: **CCP-SA-2D-730-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672817
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-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ RW distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

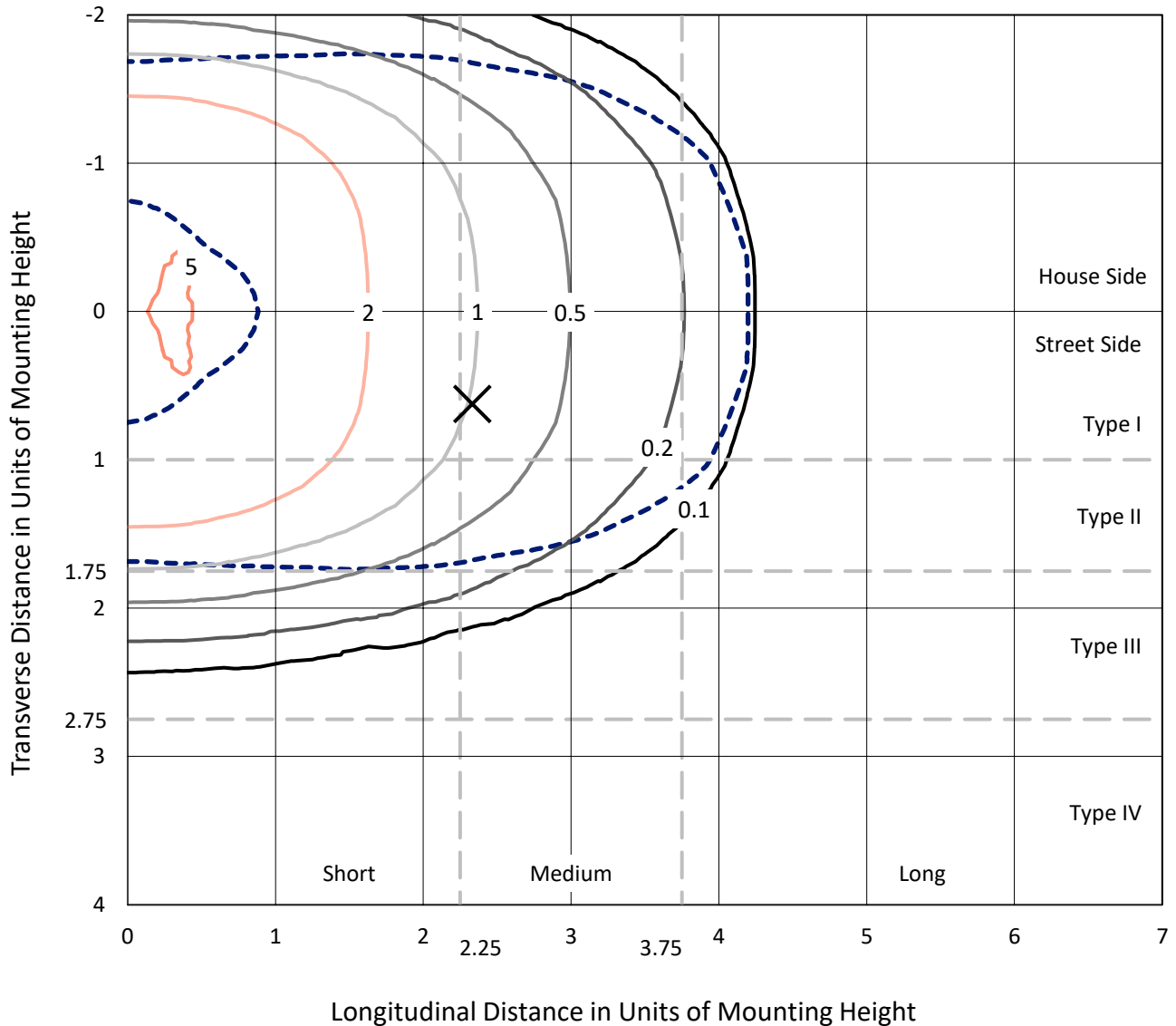
Lumens per Lamp: N/A
Luminaire Lumens: 10330.8 lumens
Efficiency: N/A
Efficacy: 127.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

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

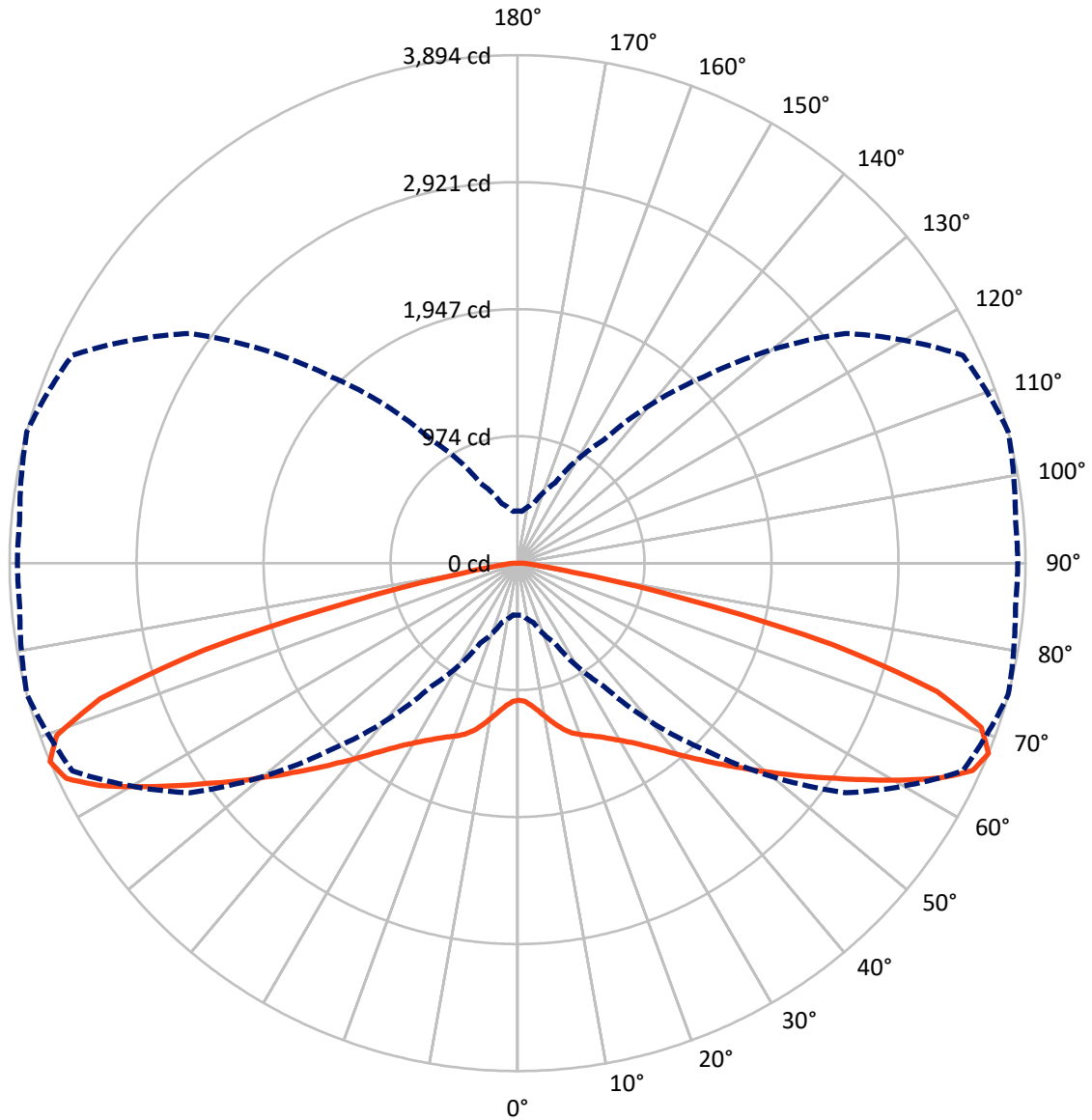
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.4 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5165.4	0.0	5165.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5165.4	0.0	5165.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	10330.8	0.0	10330.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.0	1.0
10°-20°	350.4	3.4
20°-30°	684.3	6.6
30°-40°	1180.5	11.4
40°-50°	1912.2	18.5
50°-60°	2600.6	25.2
60°-70°	2399.1	23.2
70°-80°	1003.9	9.7
80°-90°	95.9	0.9
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°	10330.8	100.0
0°-180°	10330.8	100.0



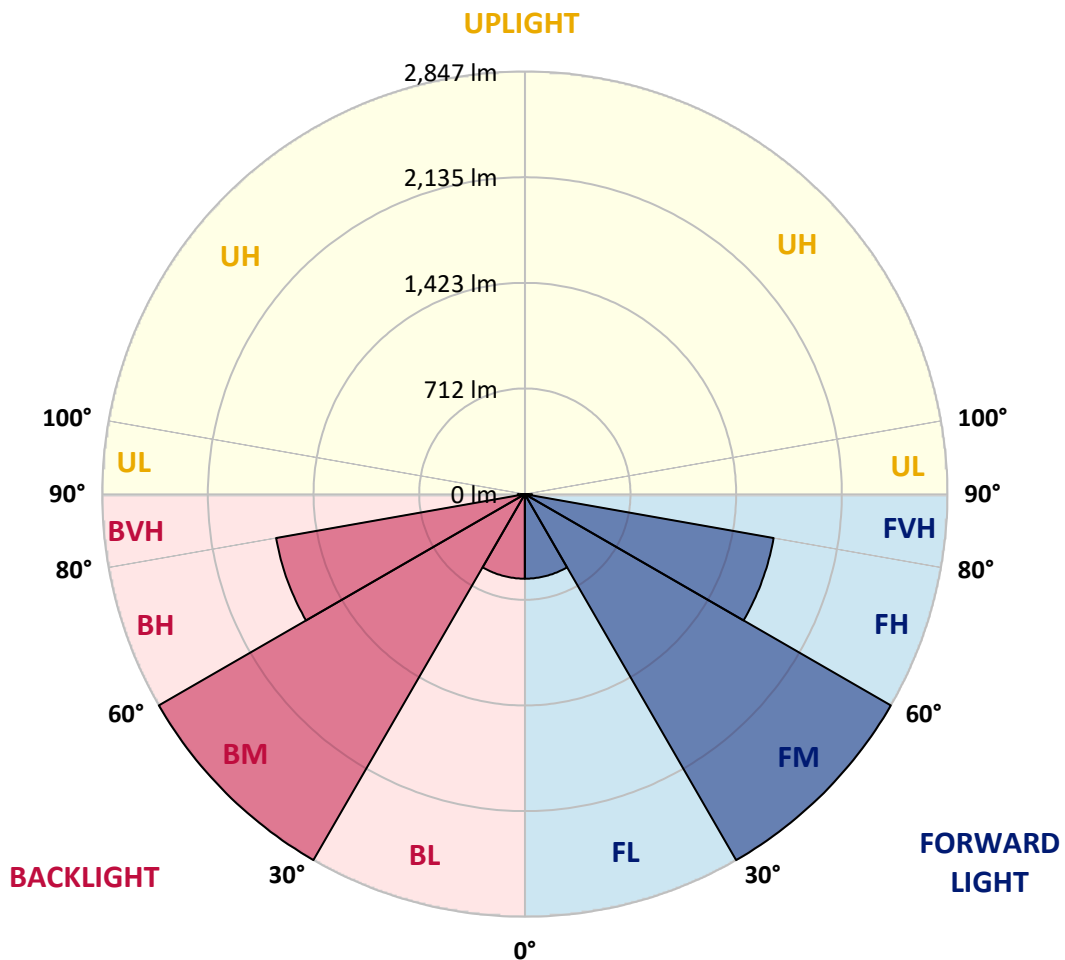
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	569.4	5.5			
FM (30°-60°)	2846.6	27.6			
FH (60°-80°)	1701.5	16.5			G1/1800
FVH (80°-90°)	47.9	0.5			G1/100
BL (0°-30°)	569.4	5.5	B2/1000		
BM (30°-60°)	2846.6	27.6	B3/5000		
BH (60°-80°)	1701.5	16.5	B3/2500		G3/2500
BVH (80°-90°)	47.9	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1051.0	1051.0	1051.0	1051.0	1051.0	1051.0	1051.0	1051.0	1051.0	1051.0	1051.0
2.5°	1044.3	1044.3	1047.3	1051.0	1052.5	1055.5	1056.2	1056.2	1060.7	1059.9	1060.7
5°	1041.3	1041.3	1046.5	1053.2	1060.7	1069.6	1078.5	1083.7	1094.8	1097.1	1097.8
7.5°	1044.3	1045.1	1052.5	1063.6	1076.3	1092.6	1109.7	1123.8	1142.4	1149.0	1153.5
10°	1055.5	1056.2	1065.9	1081.5	1100.8	1124.5	1149.0	1171.3	1201.0	1214.4	1216.6
12.5°	1072.5	1073.3	1087.4	1112.7	1140.1	1169.8	1197.3	1225.5	1262.7	1282.7	1287.2
15°	1098.5	1096.3	1118.6	1155.7	1194.4	1231.5	1256.0	1283.5	1322.9	1348.8	1355.5
17.5°	1134.2	1135.7	1163.2	1210.7	1258.2	1296.1	1320.6	1336.2	1370.4	1397.1	1403.8
20°	1178.8	1185.4	1220.3	1275.3	1331.0	1371.1	1388.2	1386.0	1405.3	1428.3	1433.5
22.5°	1241.9	1246.3	1288.7	1350.3	1414.2	1455.8	1462.5	1438.0	1437.2	1452.1	1458.8
25°	1316.2	1319.9	1364.4	1435.7	1503.3	1547.2	1540.5	1498.1	1475.9	1476.6	1481.1
27.5°	1403.1	1410.5	1456.5	1529.3	1599.2	1639.3	1629.6	1568.0	1524.1	1510.8	1507.8
30°	1516.0	1524.1	1570.9	1640.8	1702.4	1738.1	1723.2	1645.2	1579.8	1557.6	1553.1
32.5°	1663.0	1662.3	1710.6	1778.2	1821.2	1844.3	1815.3	1726.9	1644.5	1614.8	1608.8
35°	1814.6	1822.0	1869.5	1934.9	1967.6	1969.0	1923.0	1823.5	1725.4	1674.2	1663.0
37.5°	1985.4	1989.1	2044.1	2105.7	2127.3	2115.4	2047.0	1936.4	1823.5	1769.2	1749.9
40°	2160.7	2164.4	2228.3	2287.7	2311.5	2283.2	2193.4	2061.2	1939.3	1879.9	1868.8
42.5°	2323.3	2333.0	2404.3	2474.1	2497.1	2464.5	2356.0	2197.8	2061.9	2004.7	1989.8
45°	2458.5	2468.9	2549.1	2638.3	2679.1	2652.4	2529.8	2351.6	2203.0	2141.4	2116.1
47.5°	2560.3	2573.7	2659.1	2766.0	2845.5	2840.3	2714.8	2514.2	2354.5	2281.7	2258.7
50°	2630.1	2644.2	2736.3	2851.4	2971.0	3011.1	2902.7	2694.0	2523.1	2441.4	2425.8
52.5°	2635.3	2647.9	2753.4	2896.8	3056.4	3144.8	3087.6	2883.4	2708.8	2624.2	2613.0
55°	2519.4	2528.3	2668.7	2859.6	3091.4	3247.3	3256.2	3089.9	2907.2	2821.7	2816.5
57.5°	2253.5	2266.2	2434.0	2686.6	3033.4	3313.4	3402.6	3306.0	3131.5	3051.2	3046.8
60°	1820.5	1836.8	2028.5	2364.2	2824.0	3296.4	3526.6	3508.8	3376.6	3298.6	3295.6
62.5°	1284.2	1290.2	1490.0	1859.9	2414.0	3115.1	3586.8	3706.4	3630.6	3551.9	3556.3
65°	754.6	762.8	909.1	1241.9	1830.9	2698.4	3482.8	3843.8	3834.1	3762.1	3769.5
67.5°	398.9	398.9	472.4	678.9	1151.3	2020.3	3069.1	3768.0	3894.3	3831.1	3834.9
70°	275.6	274.8	288.2	340.9	556.3	1252.3	2295.9	3371.4	3771.7	3748.0	3757.6
72.5°	233.2	231.7	232.5	239.9	283.0	566.0	1394.2	2596.7	3362.5	3398.9	3407.0
75°	204.3	202.0	200.5	199.1	202.8	257.0	635.8	1602.1	2492.7	2721.5	2717.0
77.5°	176.0	174.5	173.1	167.9	161.9	168.6	260.0	720.5	1282.0	1513.0	1496.7
80°	144.8	144.8	147.1	139.6	128.5	124.0	155.2	268.9	425.6	444.2	408.5
82.5°	113.6	113.6	124.8	114.4	101.0	89.9	107.7	143.4	173.1	140.4	114.4
85°	80.2	81.0	104.0	95.1	78.0	52.0	66.8	85.4	97.3	61.6	48.3
87.5°	32.7	34.9	64.6	51.3	49.0	26.0	31.2	37.9	48.3	26.0	20.8
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)