

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: P672815

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672815
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-730-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ RW distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

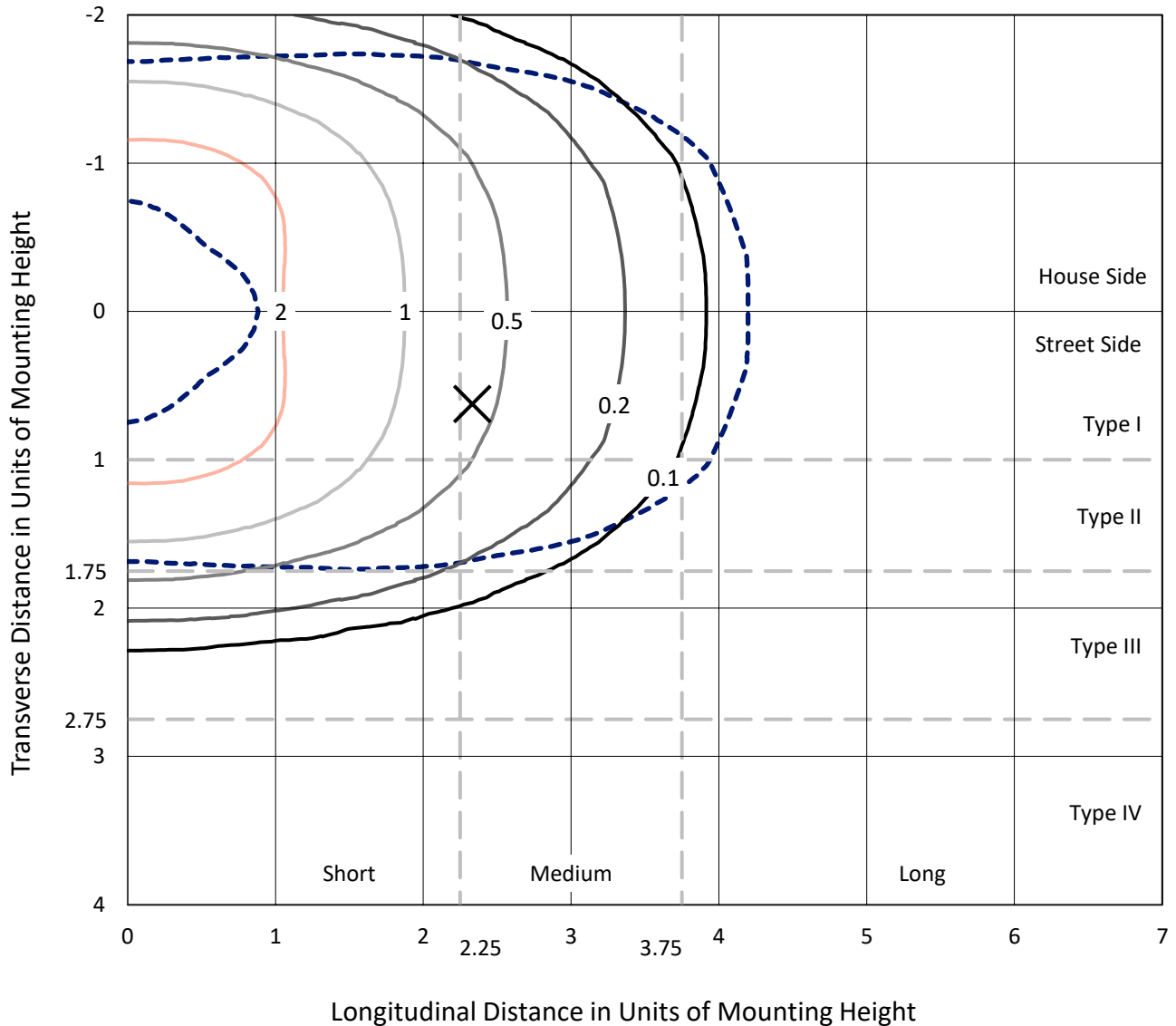
Lumens per Lamp: N/A
Luminaire Lumens: 6397.2 lumens
Efficiency: N/A
Efficacy: 139.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

Input Watts (W): 46
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

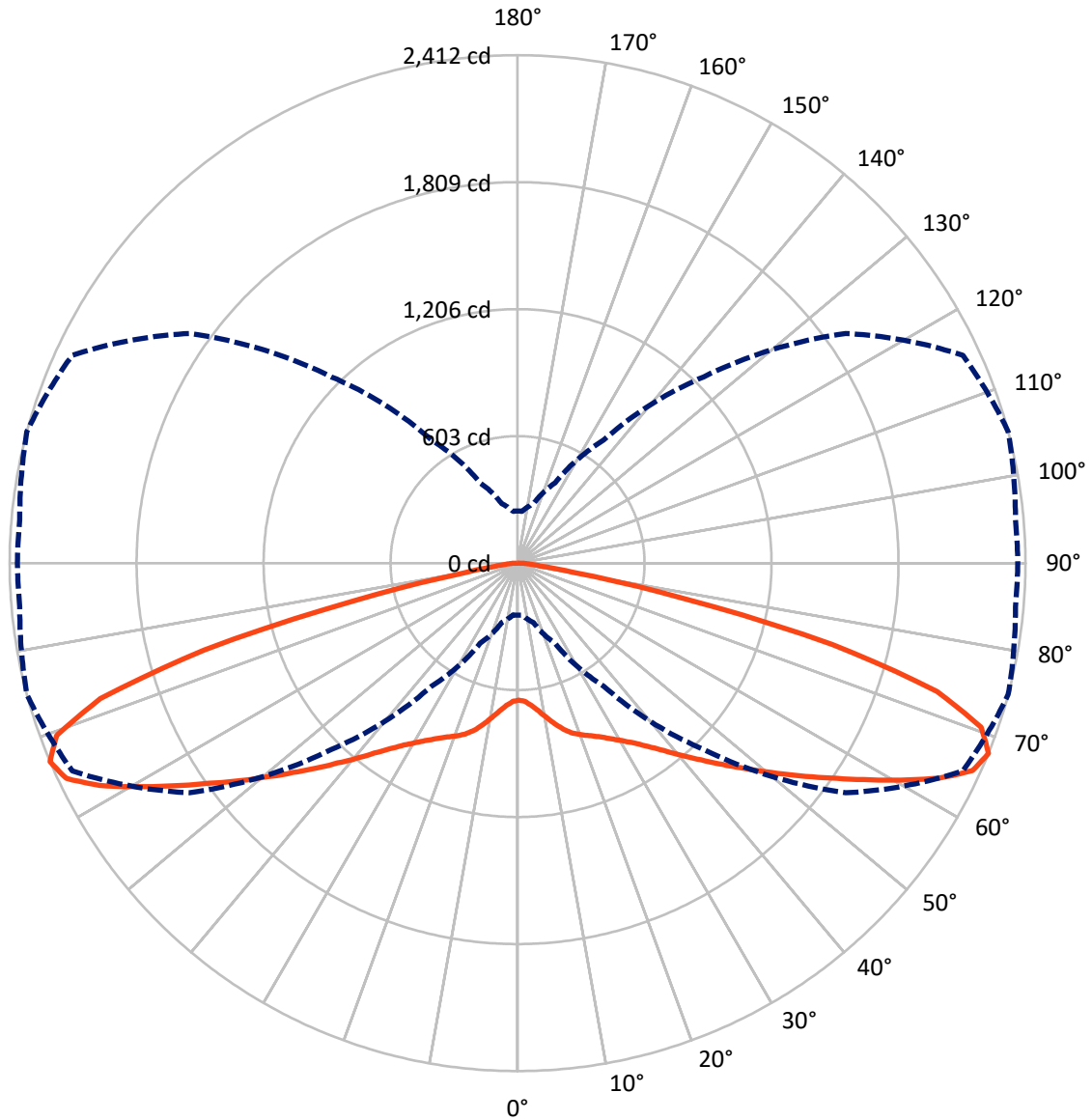
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.3 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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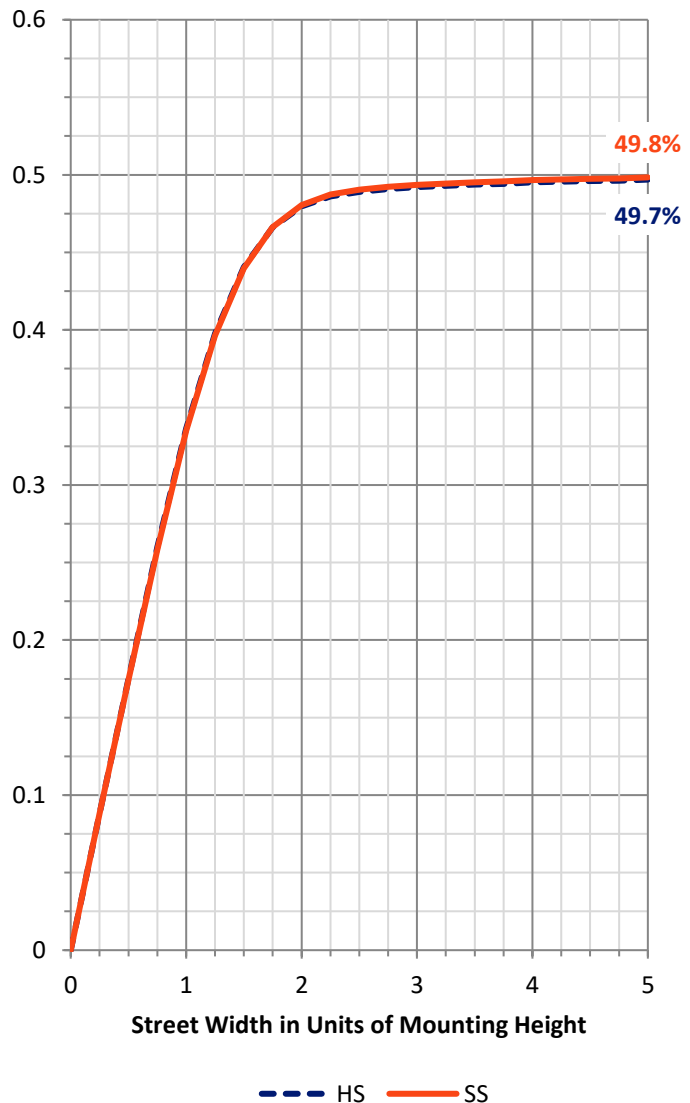
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3198.6	0.0	3198.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3198.6	0.0	3198.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	6397.2	0.0	6397.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.4	1.0
10°-20°	217.0	3.4
20°-30°	423.7	6.6
30°-40°	731.0	11.4
40°-50°	1184.1	18.5
50°-60°	1610.4	25.2
60°-70°	1485.6	23.2
70°-80°	621.6	9.7
80°-90°	59.4	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°	6397.2	100.0
0°-180°	6397.2	100.0

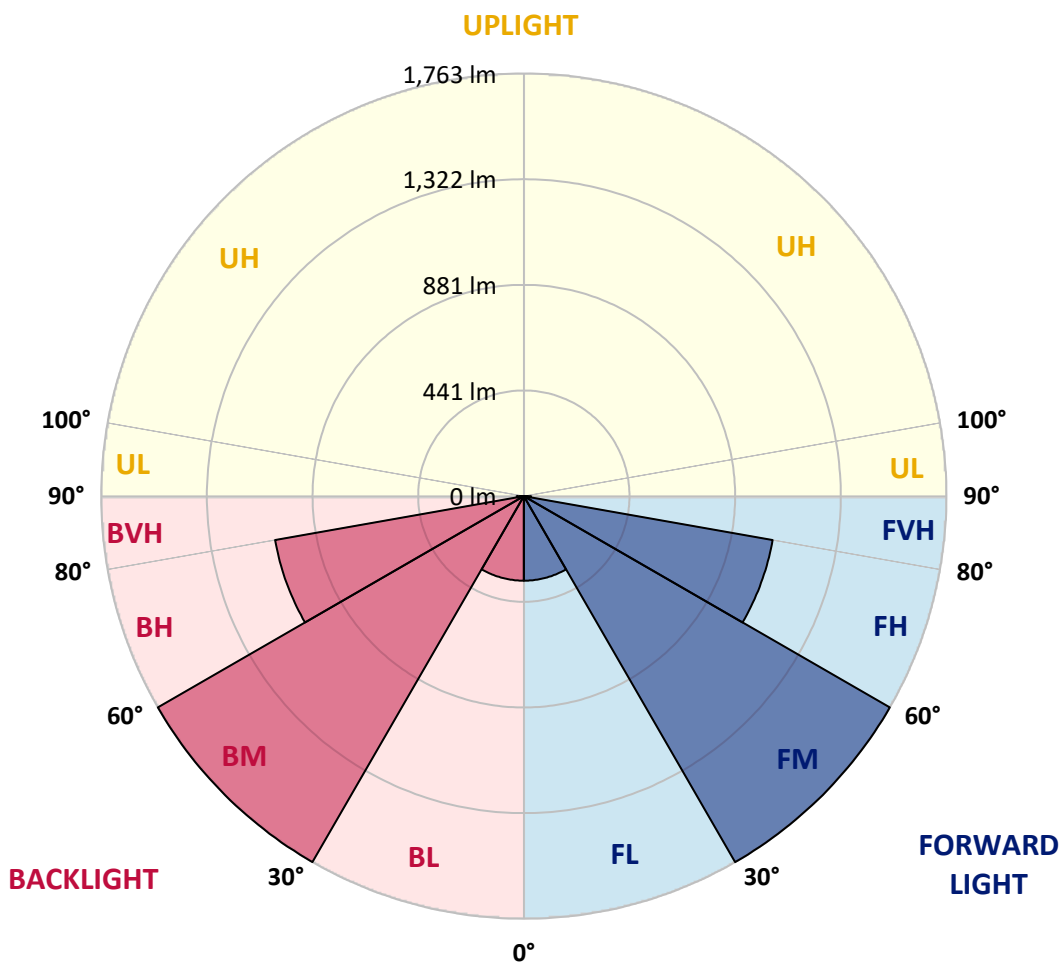


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	352.6	5.5			
FM (30°-60°)	1762.7	27.6			
FH (60°-80°)	1053.6	16.5			G1/1800
FVH (80°-90°)	29.7	0.5			G1/100
BL (0°-30°)	352.6	5.5	B1/500		
BM (30°-60°)	1762.7	27.6	B2/2500		
BH (60°-80°)	1053.6	16.5	B3/2500		G3/2500
BVH (80°-90°)	29.7	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°	650.8	650.8	650.8	650.8	650.8	650.8	650.8	650.8	650.8	650.8	650.8
2.5°	646.7	646.7	648.5	650.8	651.7	653.6	654.0	654.0	656.8	656.3	656.8
5°	644.8	644.8	648.1	652.2	656.8	662.3	667.8	671.1	678.0	679.3	679.8
7.5°	646.7	647.1	651.7	658.6	666.5	676.6	687.2	695.9	707.4	711.5	714.3
10°	653.6	654.0	660.0	669.7	681.6	696.4	711.5	725.3	743.7	752.0	753.4
12.5°	664.2	664.6	673.4	689.0	706.0	724.4	741.4	758.9	781.9	794.3	797.1
15°	680.3	678.9	692.7	715.7	739.6	762.6	777.8	794.8	819.2	835.3	839.4
17.5°	702.3	703.3	720.3	749.7	779.1	802.6	817.8	827.4	848.6	865.2	869.3
20°	729.9	734.1	755.7	789.7	824.2	849.1	859.6	858.3	870.2	884.5	887.7
22.5°	769.0	771.8	798.0	836.2	875.7	901.5	905.6	890.4	890.0	899.2	903.3
25°	815.0	817.3	844.9	889.1	930.9	958.1	953.9	927.7	913.9	914.4	917.1
27.5°	868.8	873.4	901.9	947.0	990.3	1015.1	1009.1	970.9	943.8	935.5	933.7
30°	938.7	943.8	972.8	1016.0	1054.2	1076.3	1067.1	1018.8	978.3	964.5	961.7
32.5°	1029.8	1029.3	1059.2	1101.1	1127.8	1142.0	1124.1	1069.4	1018.3	999.9	996.2
35°	1123.6	1128.2	1157.7	1198.1	1218.4	1219.3	1190.8	1129.2	1068.4	1036.7	1029.8
37.5°	1229.4	1231.7	1265.8	1303.9	1317.3	1309.9	1267.6	1199.1	1129.2	1095.6	1083.6
40°	1338.0	1340.3	1379.8	1416.6	1431.3	1413.9	1358.2	1276.3	1200.9	1164.1	1157.2
42.5°	1438.7	1444.7	1488.8	1532.1	1546.3	1526.1	1458.9	1361.0	1276.8	1241.4	1232.2
45°	1522.4	1528.8	1578.5	1633.7	1659.0	1642.5	1566.6	1456.2	1364.2	1326.0	1310.4
47.5°	1585.4	1593.7	1646.6	1712.8	1762.0	1758.8	1681.1	1556.9	1458.0	1412.9	1398.7
50°	1628.7	1637.4	1694.4	1765.7	1839.8	1864.6	1797.5	1668.2	1562.4	1511.8	1502.2
52.5°	1631.9	1639.7	1705.0	1793.8	1892.7	1947.4	1912.0	1785.5	1677.4	1625.0	1618.1
55°	1560.1	1565.6	1652.6	1770.8	1914.3	2010.9	2016.4	1913.4	1800.2	1747.3	1744.1
57.5°	1395.5	1403.3	1507.2	1663.6	1878.4	2051.8	2107.0	2047.2	1939.1	1889.4	1886.7
60°	1127.3	1137.4	1256.1	1464.0	1748.7	2041.2	2183.8	2172.8	2090.9	2042.6	2040.8
62.5°	795.2	798.9	922.6	1151.7	1494.8	1929.0	2221.1	2295.1	2248.2	2199.4	2202.2
65°	467.3	472.4	563.0	769.0	1133.8	1671.0	2156.7	2380.2	2374.2	2329.6	2334.2
67.5°	247.0	247.0	292.5	420.4	712.9	1251.0	1900.5	2333.3	2411.5	2372.4	2374.7
70°	170.6	170.2	178.5	211.1	344.5	775.5	1421.7	2087.7	2335.6	2320.9	2326.8
72.5°	144.4	143.5	144.0	148.6	175.2	350.5	863.3	1608.0	2082.2	2104.7	2109.8
75°	126.5	125.1	124.2	123.3	125.6	159.1	393.7	992.1	1543.6	1685.2	1682.5
77.5°	109.0	108.1	107.2	103.9	100.3	104.4	161.0	446.1	793.9	936.9	926.8
80°	89.7	89.7	91.1	86.5	79.6	76.8	96.1	166.5	263.5	275.0	253.0
82.5°	70.4	70.4	77.3	70.8	62.6	55.7	66.7	88.8	107.2	86.9	70.8
85°	49.7	50.1	64.4	58.9	48.3	32.2	41.4	52.9	60.3	38.2	29.9
87.5°	20.2	21.6	40.0	31.7	30.4	16.1	19.3	23.5	29.9	16.1	12.9
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)