

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: P672594

Luminaire Tested: **CCP-SA-2C-830-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672594
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-830-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5MQ distribution lens
Light Source: (32) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

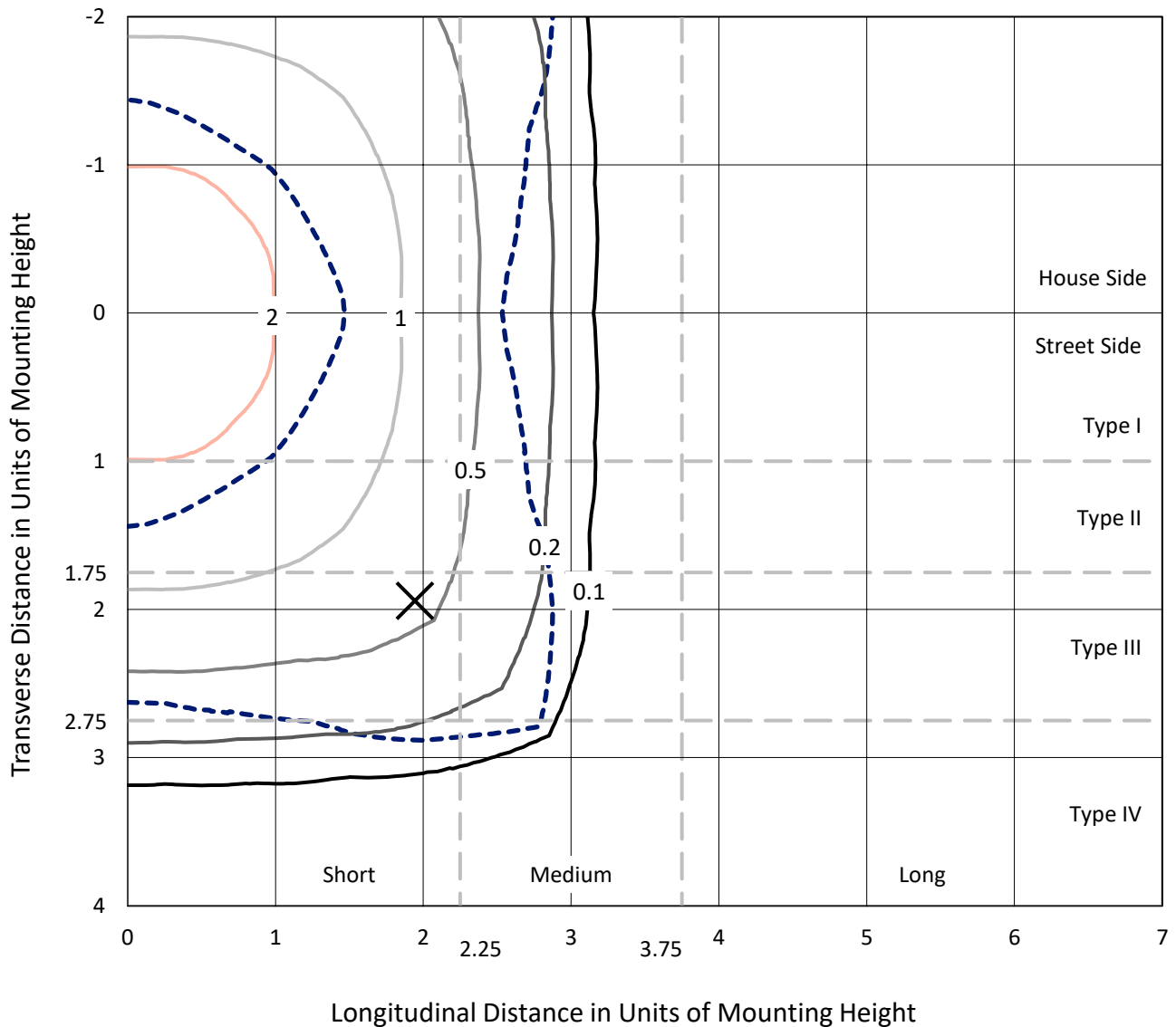
Lumens per Lamp: N/A
Luminaire Lumens: 7416 lumens
Efficiency: N/A
Efficacy: 119.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

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

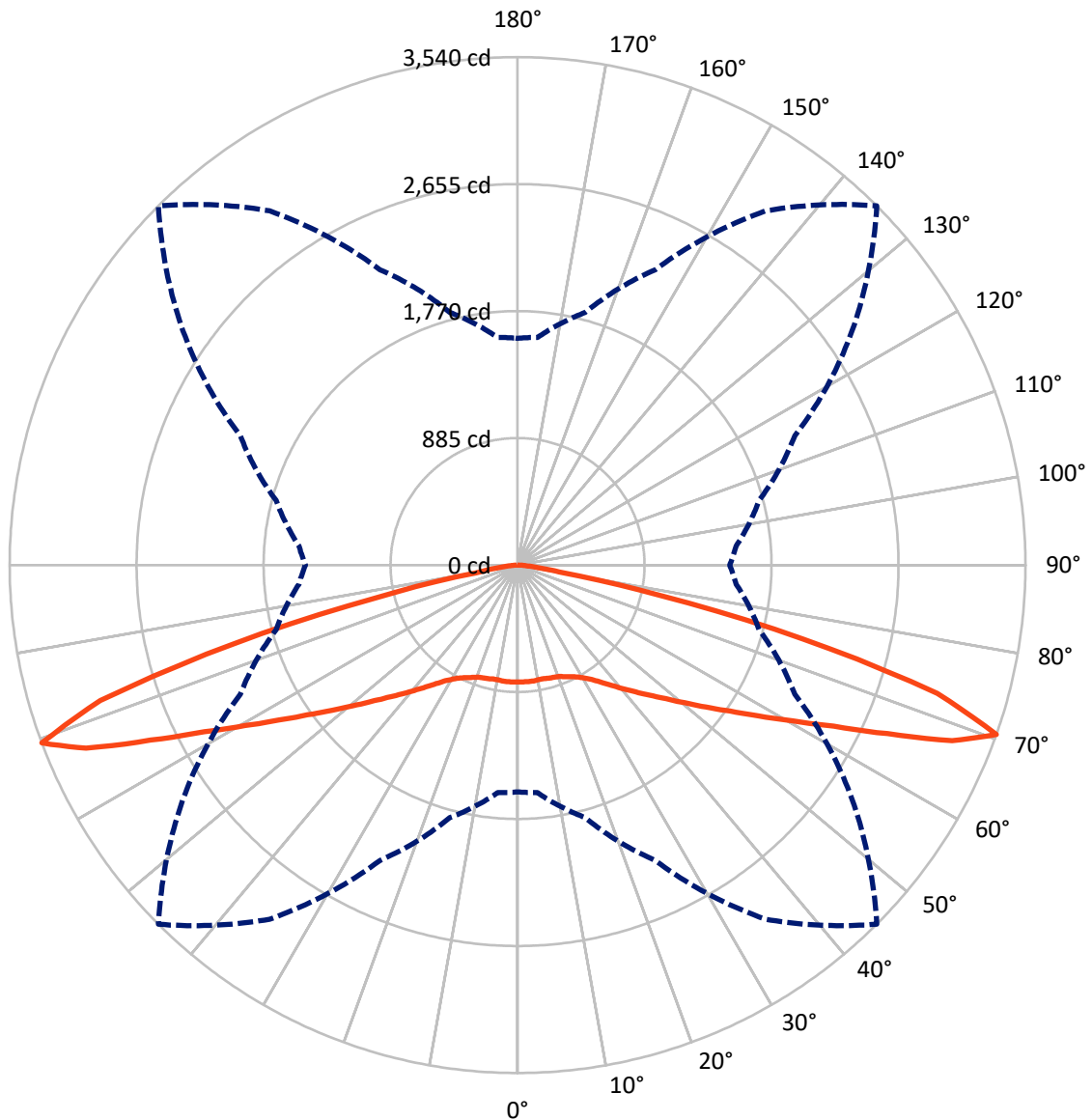
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.6 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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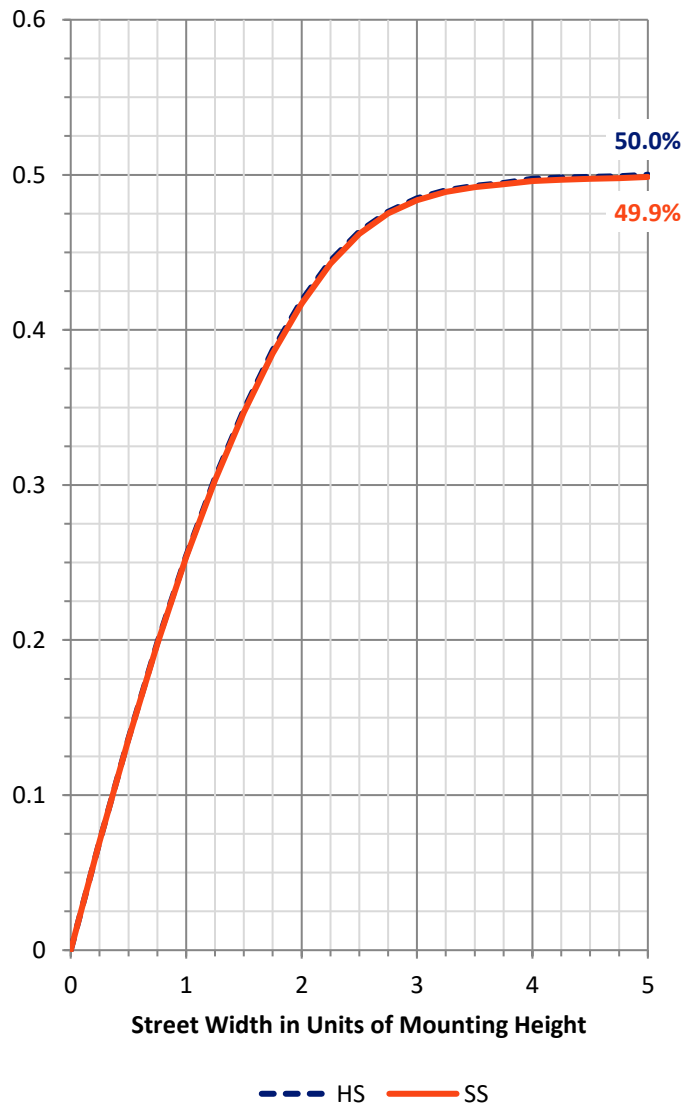
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3708.0	0.0	3708.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3708.0	0.0	3708.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	7416.0	0.0	7416.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.6	1.0
10°-20°	229.6	3.1
20°-30°	392.1	5.3
30°-40°	625.7	8.4
40°-50°	1009.6	13.6
50°-60°	1616.7	21.8
60°-70°	2366.8	31.9
70°-80°	1040.9	14.0
80°-90°	57.1	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°	7416.0	100.0
0°-180°	7416.0	100.0



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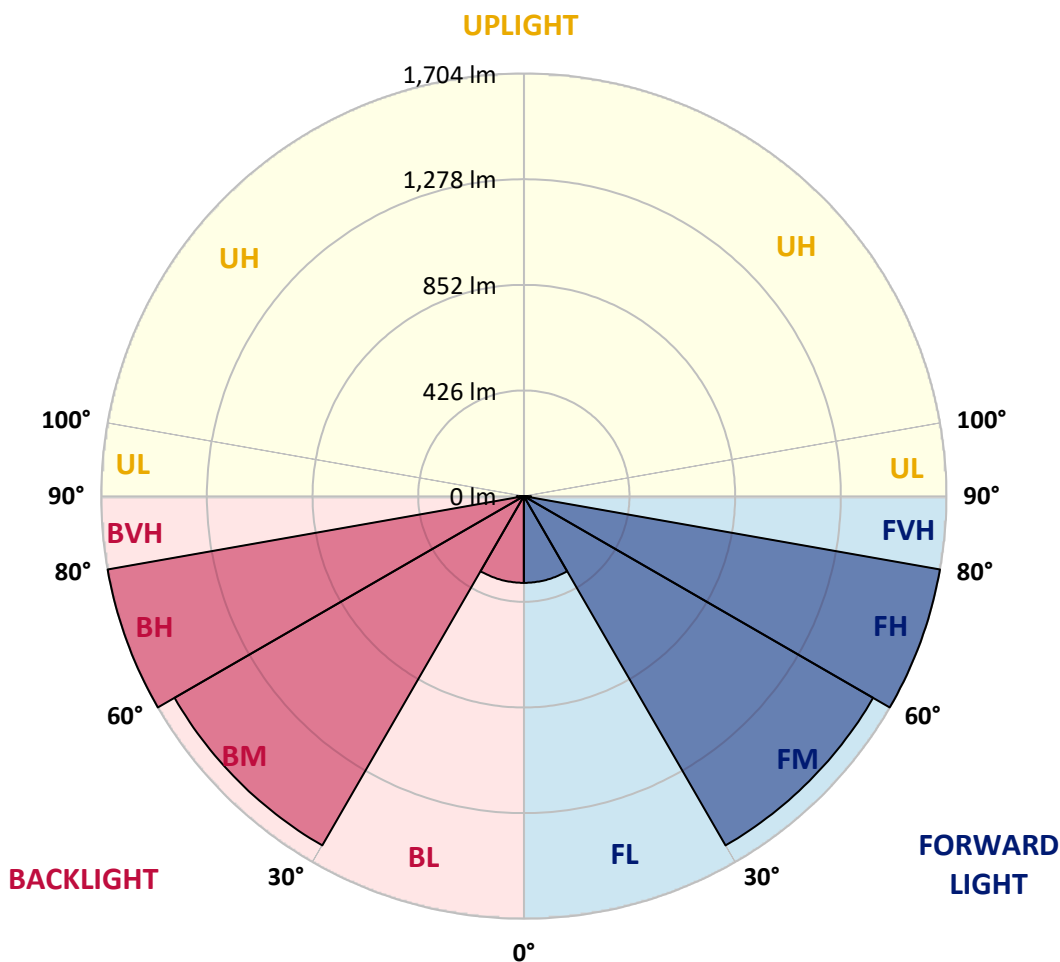
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	349.6	4.7			
FM	(30°-60°)	1626.0	21.9			
FH	(60°-80°)	1703.9	23.0			G1/1800
FVH	(80°-90°)	28.5	0.4			G1/100
BL	(0°-30°)	349.6	4.7	B1/500		
BM	(30°-60°)	1626.0	21.9	B2/2500		
BH	(60°-80°)	1703.9	23.0	B3/2500		G1/1800
BVH	(80°-90°)	28.5	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-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	815.5	815.5	815.5	815.5	815.5	815.5	815.5	815.5	815.5	815.5	815.5
2.5°	814.5	813.9	815.0	815.5	814.5	815.0	811.8	811.8	813.4	811.8	813.9
5°	818.1	817.1	818.1	818.1	815.5	815.5	811.8	810.8	811.8	809.2	811.3
7.5°	818.7	816.6	818.1	817.6	815.5	815.5	810.3	808.2	808.7	806.1	807.6
10°	813.4	812.4	814.5	813.4	811.8	811.8	807.6	804.5	804.5	801.9	803.4
12.5°	810.3	809.2	811.8	812.4	811.3	811.8	806.6	802.4	800.8	797.7	798.7
15°	810.3	808.2	812.4	813.4	814.5	818.1	810.3	802.9	799.8	795.6	796.6
17.5°	809.7	808.7	813.4	817.1	818.1	822.4	813.4	805.5	801.9	795.6	796.6
20°	809.7	809.2	815.0	821.8	825.0	828.7	819.2	811.8	805.5	798.7	798.7
22.5°	812.4	811.8	819.7	829.7	838.6	844.9	833.9	821.8	813.4	804.5	803.4
25°	823.4	822.4	831.8	843.9	856.0	862.3	851.3	839.2	827.1	817.1	816.0
27.5°	846.0	845.5	854.9	869.6	878.1	882.8	873.3	862.8	850.7	839.2	838.6
30°	876.5	876.5	888.6	903.8	908.5	912.2	902.7	895.4	882.8	870.2	869.1
32.5°	913.3	915.4	929.5	946.4	949.5	951.6	941.6	936.9	923.2	909.6	907.5
35°	961.6	962.1	979.5	996.3	1000.5	1002.6	991.0	986.8	974.2	959.5	956.3
37.5°	1023.1	1021.5	1037.8	1056.7	1060.9	1063.5	1054.1	1050.9	1035.2	1020.5	1015.7
40°	1091.9	1093.0	1111.4	1129.2	1131.9	1132.9	1128.2	1123.4	1108.7	1091.9	1086.1
42.5°	1171.8	1171.8	1193.3	1214.4	1214.4	1209.1	1207.0	1205.9	1191.8	1172.8	1166.5
45°	1263.2	1264.3	1291.1	1306.8	1307.9	1293.7	1295.8	1302.1	1288.4	1264.3	1255.9
47.5°	1363.6	1365.2	1396.7	1414.0	1410.9	1392.5	1404.0	1407.2	1391.4	1360.4	1349.4
50°	1469.2	1473.9	1509.1	1539.6	1535.4	1508.6	1523.8	1524.9	1499.2	1463.4	1448.2
52.5°	1583.2	1594.3	1641.0	1673.6	1677.8	1644.2	1657.3	1656.3	1623.2	1574.3	1564.3
55°	1724.6	1730.9	1777.1	1823.4	1839.1	1797.6	1812.3	1805.0	1760.3	1704.6	1687.8
57.5°	1865.9	1875.4	1934.8	1986.8	2018.3	1983.1	1986.3	1967.3	1911.1	1843.9	1835.5
60°	2033.6	2037.8	2103.4	2171.2	2225.9	2204.9	2190.1	2150.7	2084.5	2017.3	2005.2
62.5°	2170.7	2179.1	2276.8	2376.7	2469.2	2472.8	2428.2	2369.3	2263.7	2151.3	2127.1
65°	2208.5	2222.2	2359.3	2556.4	2748.7	2834.4	2711.9	2532.2	2296.3	2126.6	2090.3
67.5°	2032.5	2058.8	2254.8	2582.1	3008.8	3265.8	2937.9	2455.0	2125.5	1927.4	1892.7
70°	1580.6	1592.2	1822.3	2271.6	3013.0	3540.1	2847.0	2131.8	1742.4	1529.6	1478.7
72.5°	839.7	845.5	1053.0	1529.6	2451.8	3058.2	2352.5	1491.8	1025.7	832.3	774.0
75°	271.1	278.5	362.6	626.4	1352.5	2055.1	1387.2	620.6	353.6	285.3	270.1
77.5°	138.2	137.7	152.9	201.8	455.1	1007.3	481.3	217.5	152.9	137.1	132.9
80°	86.2	84.6	96.2	110.3	159.2	294.3	172.9	121.9	96.7	83.0	82.5
82.5°	48.9	48.9	64.6	70.9	89.9	121.4	100.9	83.5	66.2	49.4	47.8
85°	27.3	24.2	40.5	44.7	51.5	59.9	61.5	54.1	44.7	27.3	28.4
87.5°	10.0	11.0	18.9	17.9	20.5	14.2	25.2	28.4	25.2	13.1	11.0
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)