

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: P672463

Luminaire Tested: **CCP-SA-2E-835-U-5WQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672463
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2E-835-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5WQ distribution lens
Light Source: (32) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

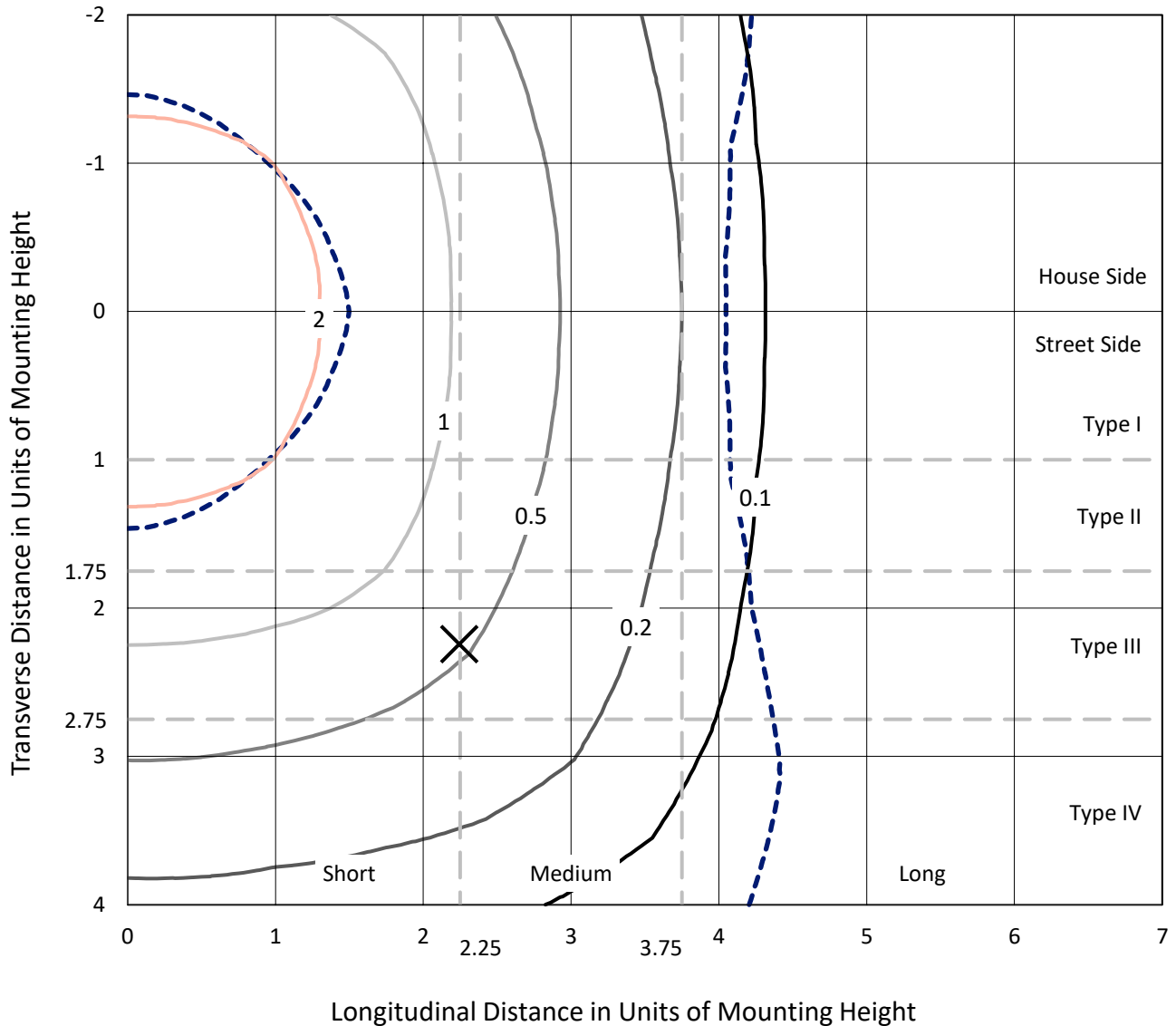
Lumens per Lamp: N/A
Luminaire Lumens: 11808.6 lumens
Efficiency: N/A
Efficacy: 110.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G2

Input Watts (W): 106.6
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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 CATALOG NUMBER: CCP-SA-2E-835-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination

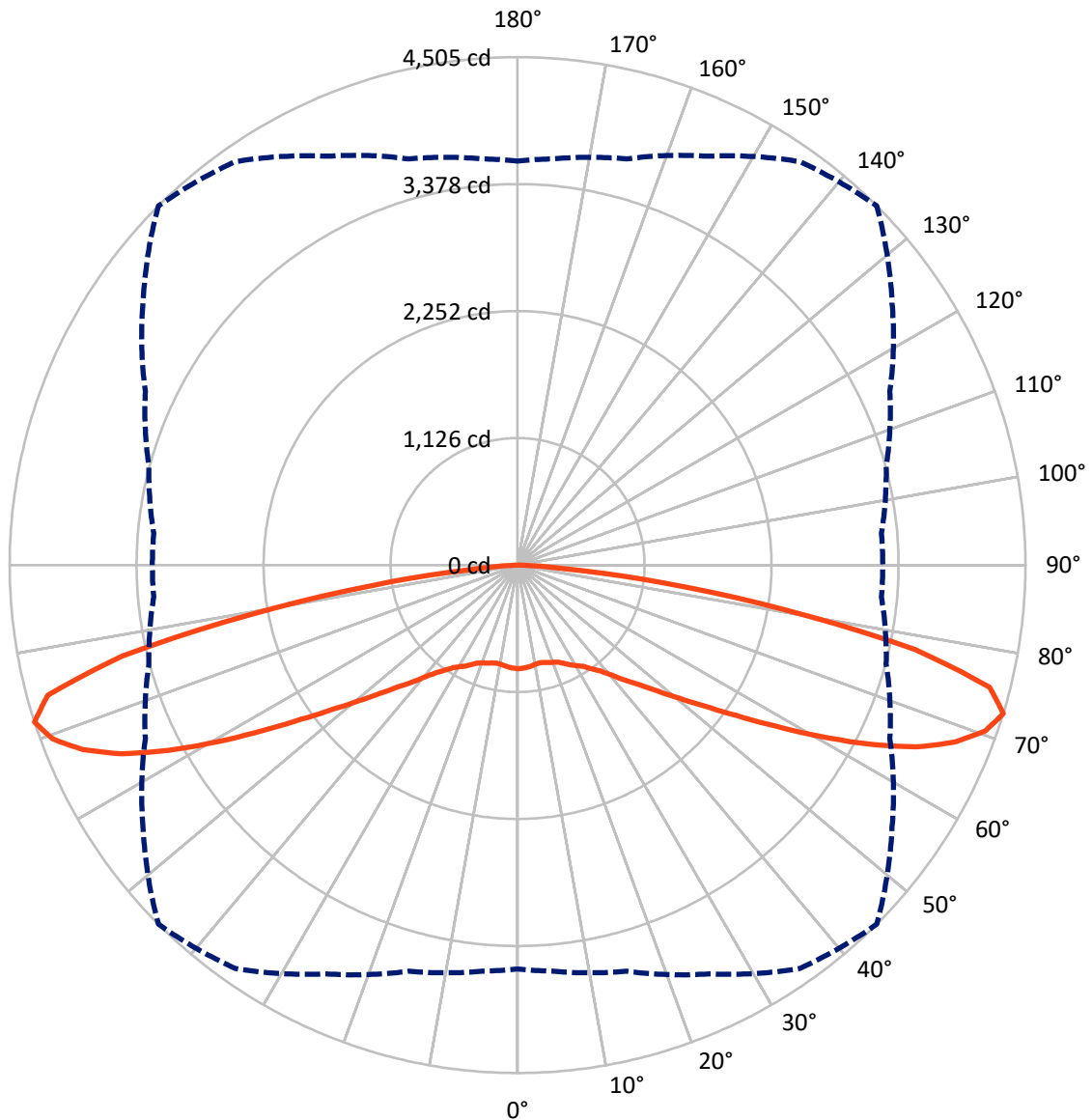
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.1 fc
 Type V - Short - N/A

REPORT NUMBER: P672463
CATALOG NUMBER: CCP-SA-2E-835-U-5WQ

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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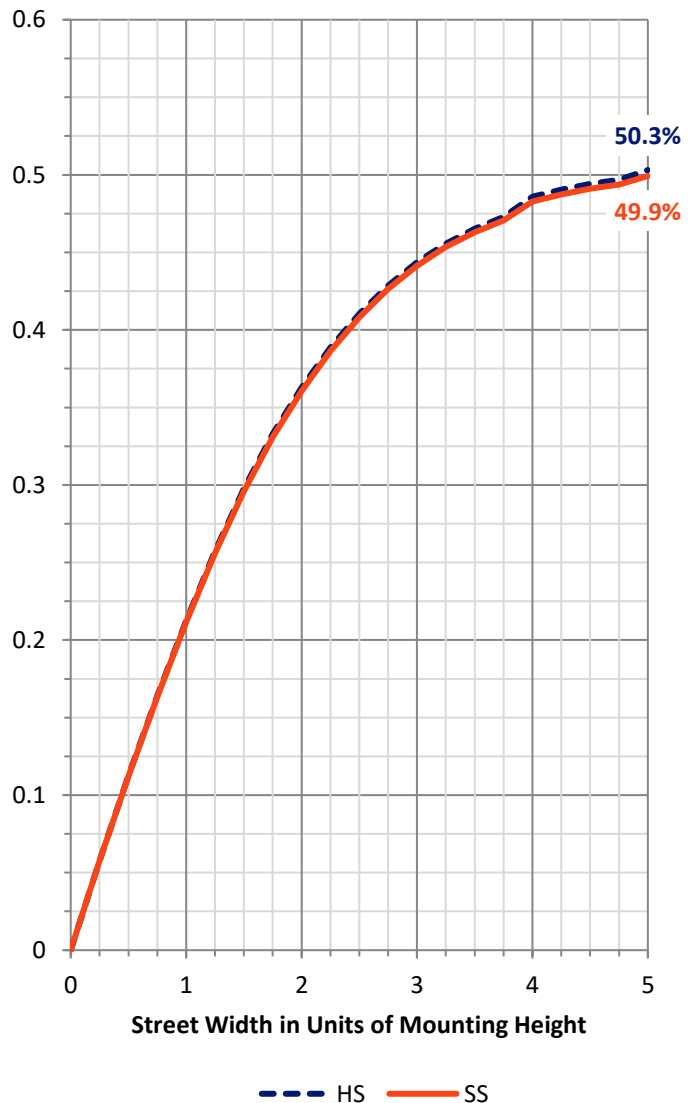
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5904.3	0.0	5904.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5904.3	0.0	5904.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	11808.6	0.0	11808.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.4	0.7
10°-20°	256.5	2.2
20°-30°	450.5	3.8
30°-40°	718.8	6.1
40°-50°	1201.9	10.2
50°-60°	2056.7	17.4
60°-70°	3395.4	28.8
70°-80°	3254.3	27.6
80°-90°	388.1	3.3
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°	11808.6	100.0
0°-180°	11808.6	100.0

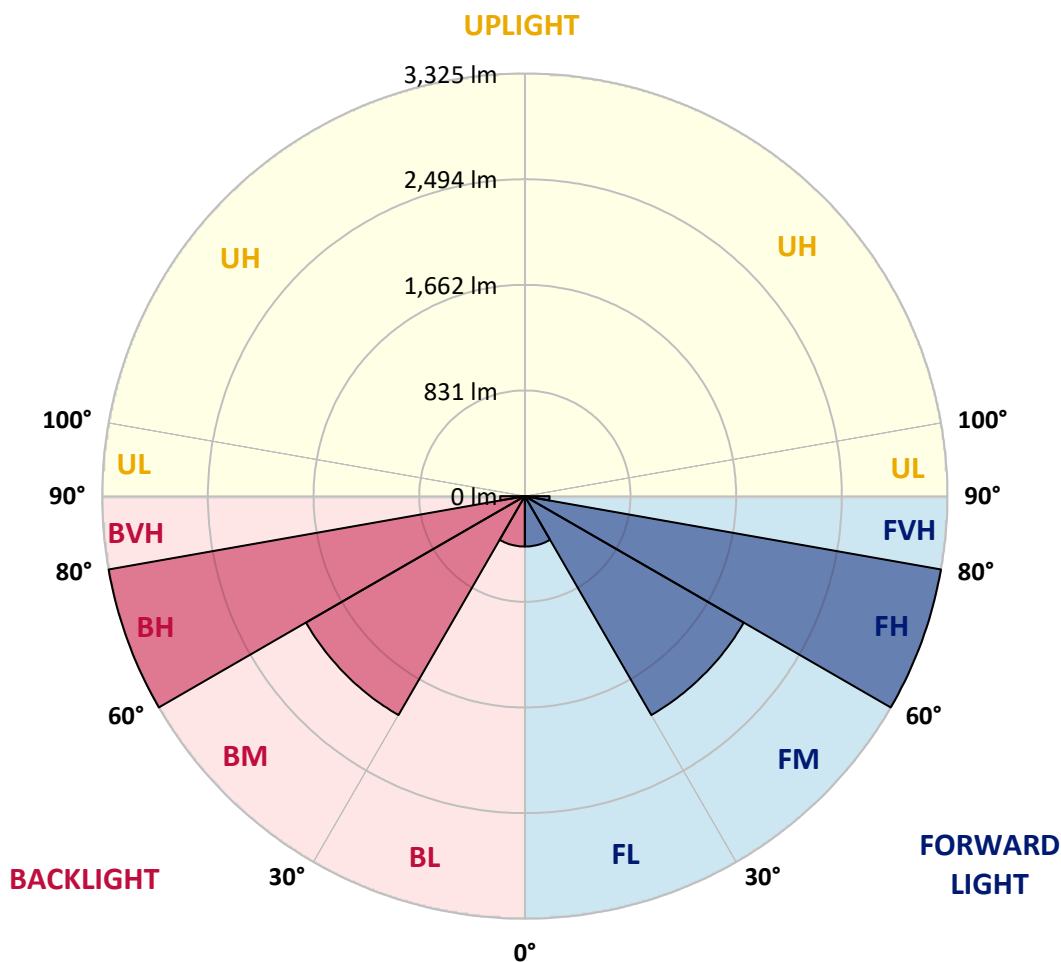


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	396.7	3.4			
FM (30°-60°)	1988.7	16.8			
FH (60°-80°)	3324.8	28.2			G2/5000
FVH (80°-90°)	194.0	1.6			G2/225
BL (0°-30°)	396.7	3.4	B1/500		
BM (30°-60°)	1988.7	16.8	B2/2500		
BH (60°-80°)	3324.8	28.2	B4/5000		G2/5000
BVH (80°-90°)	194.0	1.6			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2
 Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	919.6	919.6	919.6	919.6	919.6	919.6	919.6	919.6	919.6	919.6	919.6
2.5°	913.8	913.8	916.3	917.1	916.3	915.4	914.6	913.8	916.3	915.4	916.3
5°	911.3	911.3	912.1	913.0	911.3	910.5	908.8	908.0	909.7	909.7	911.3
7.5°	904.7	903.9	904.7	905.5	903.1	902.2	899.8	899.8	899.8	899.0	900.6
10°	899.0	897.3	897.3	895.7	891.5	892.4	889.1	891.5	895.7	896.5	897.3
12.5°	901.4	899.8	898.1	894.0	888.2	889.1	888.2	890.7	896.5	899.8	902.2
15°	913.0	911.3	907.2	899.8	896.5	896.5	894.8	895.7	903.9	908.8	911.3
17.5°	925.3	922.0	914.6	909.7	906.4	908.8	903.1	902.2	908.8	916.3	918.7
20°	935.2	932.7	923.7	917.9	917.9	920.4	914.6	911.3	918.7	927.8	930.3
22.5°	952.5	950.9	941.8	936.0	936.0	936.9	933.6	931.1	939.3	948.4	950.9
25°	977.2	977.2	968.2	965.7	964.9	966.5	962.4	959.9	967.3	973.9	976.4
27.5°	1006.1	1003.6	996.2	994.5	997.8	1003.6	996.2	989.6	995.4	1001.1	1001.9
30°	1036.6	1036.6	1030.0	1030.0	1032.4	1034.9	1028.3	1021.7	1027.5	1034.1	1034.9
32.5°	1079.4	1076.9	1074.5	1075.3	1074.5	1071.2	1067.9	1067.0	1072.0	1076.1	1077.8
35°	1132.1	1131.3	1128.0	1129.7	1129.7	1129.7	1119.8	1116.5	1124.7	1128.0	1126.4
37.5°	1213.7	1212.9	1204.6	1199.7	1193.9	1191.5	1179.1	1178.3	1198.1	1207.9	1206.3
40°	1313.4	1310.1	1302.7	1294.5	1287.0	1282.1	1269.7	1278.8	1299.4	1306.8	1306.8
42.5°	1422.2	1418.1	1409.8	1405.7	1400.8	1395.8	1379.3	1383.4	1408.2	1415.6	1407.3
45°	1555.7	1549.9	1540.8	1531.8	1524.3	1514.5	1506.2	1510.3	1536.7	1545.8	1539.2
47.5°	1697.4	1695.7	1688.3	1680.9	1674.3	1667.7	1657.0	1664.4	1687.5	1685.8	1672.7
50°	1847.3	1850.6	1851.5	1858.9	1853.9	1854.8	1835.0	1830.9	1849.0	1838.3	1821.8
52.5°	2008.8	2013.8	2031.1	2045.9	2073.1	2076.4	2051.7	2025.3	2022.0	1994.0	1976.7
55°	2195.9	2195.1	2233.0	2274.2	2334.3	2353.3	2298.1	2248.6	2221.4	2167.0	2148.9
57.5°	2407.6	2405.2	2462.8	2535.4	2644.1	2691.1	2589.7	2495.8	2429.9	2364.8	2345.8
60°	2637.5	2643.3	2713.3	2831.2	3019.0	3084.1	2930.9	2775.1	2674.6	2589.7	2582.3
62.5°	2906.1	2907.0	2989.4	3149.2	3393.1	3497.8	3286.8	3075.9	2948.2	2855.1	2835.3
65°	3223.4	3229.1	3317.3	3478.8	3759.0	3888.3	3645.2	3388.2	3237.4	3111.3	3108.8
67.5°	3548.8	3545.5	3626.3	3797.7	4067.9	4187.4	3932.8	3646.1	3450.0	3292.6	3272.0
70°	3757.3	3775.4	3862.8	4026.7	4285.5	4401.7	4091.8	3745.8	3540.6	3396.4	3386.5
72.5°	3581.8	3615.6	3728.5	4000.4	4367.0	4504.6	4053.9	3642.8	3384.0	3239.0	3239.0
75°	2907.8	2963.8	3121.2	3539.8	4085.2	4323.4	3753.2	3187.9	2811.4	2656.5	2656.5
77.5°	1771.5	1825.1	2037.7	2548.5	3299.2	3604.0	3059.4	2401.1	1965.2	1775.7	1750.9
80°	589.1	623.7	832.2	1295.3	2025.3	2398.6	2050.0	1363.7	880.0	670.7	667.4
82.5°	156.6	170.6	237.3	375.7	879.2	1299.4	937.7	449.9	257.9	200.2	184.6
85°	54.4	58.5	100.5	125.2	223.3	430.1	261.2	163.1	125.2	75.8	70.9
87.5°	15.7	17.3	40.4	43.7	64.3	50.3	70.9	65.1	59.3	24.7	22.2
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)