

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: P672894

Luminaire Tested: **CCP-SA-2D-835-U-RW**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672894  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-2D-835-U-RW  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ RW distribution lens  
Light Source: (32) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

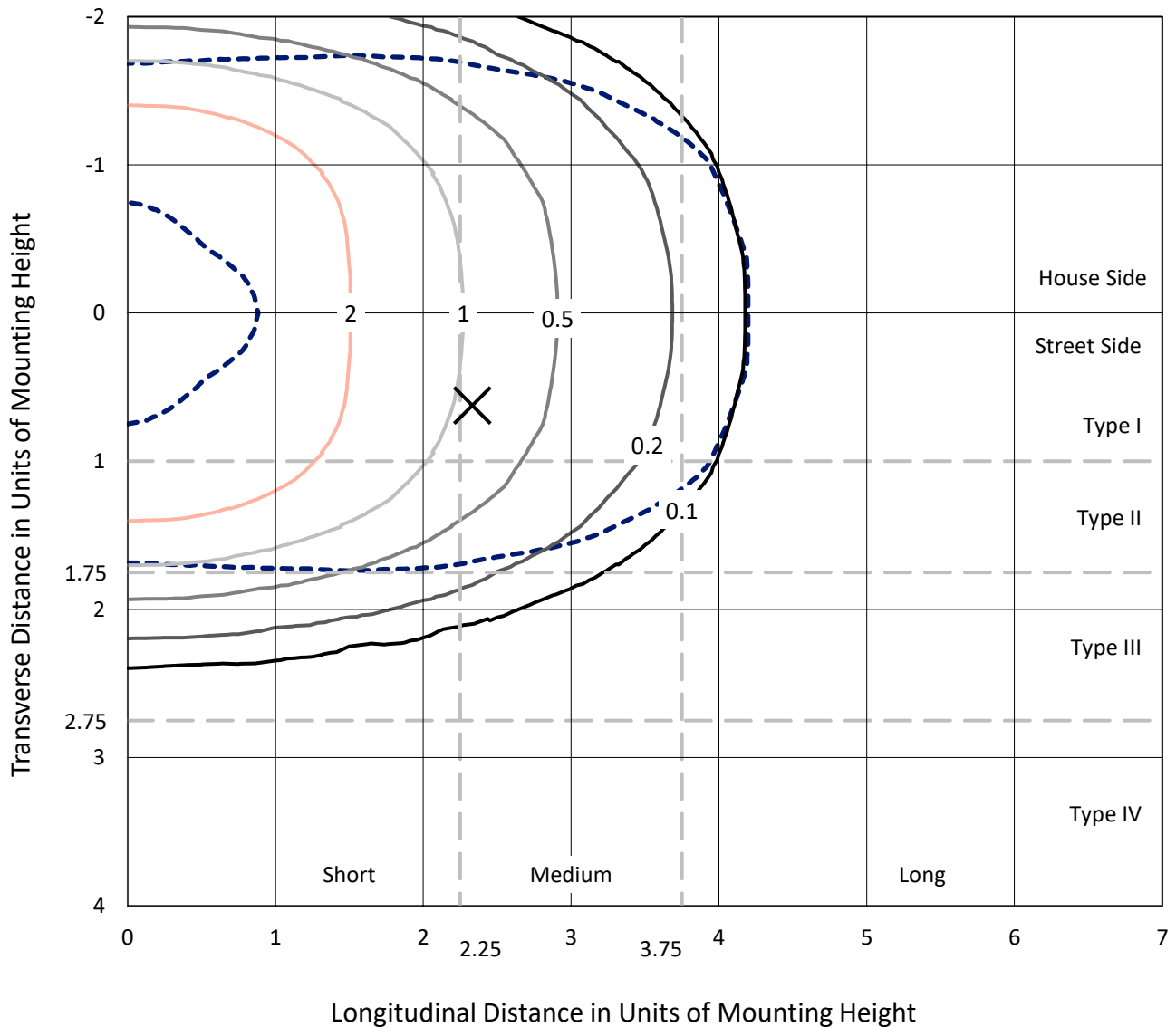
Lumens per Lamp: N/A  
Luminaire Lumens: 9348.3 lumens  
Efficiency: N/A  
Efficacy: 115.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B3 - U0 - G3

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

REPORT NUMBER: P672894  
 CATALOG NUMBER: CCP-SA-2D-835-U-RW

### Iso-Footcandle Lines of Horizontal Illumination

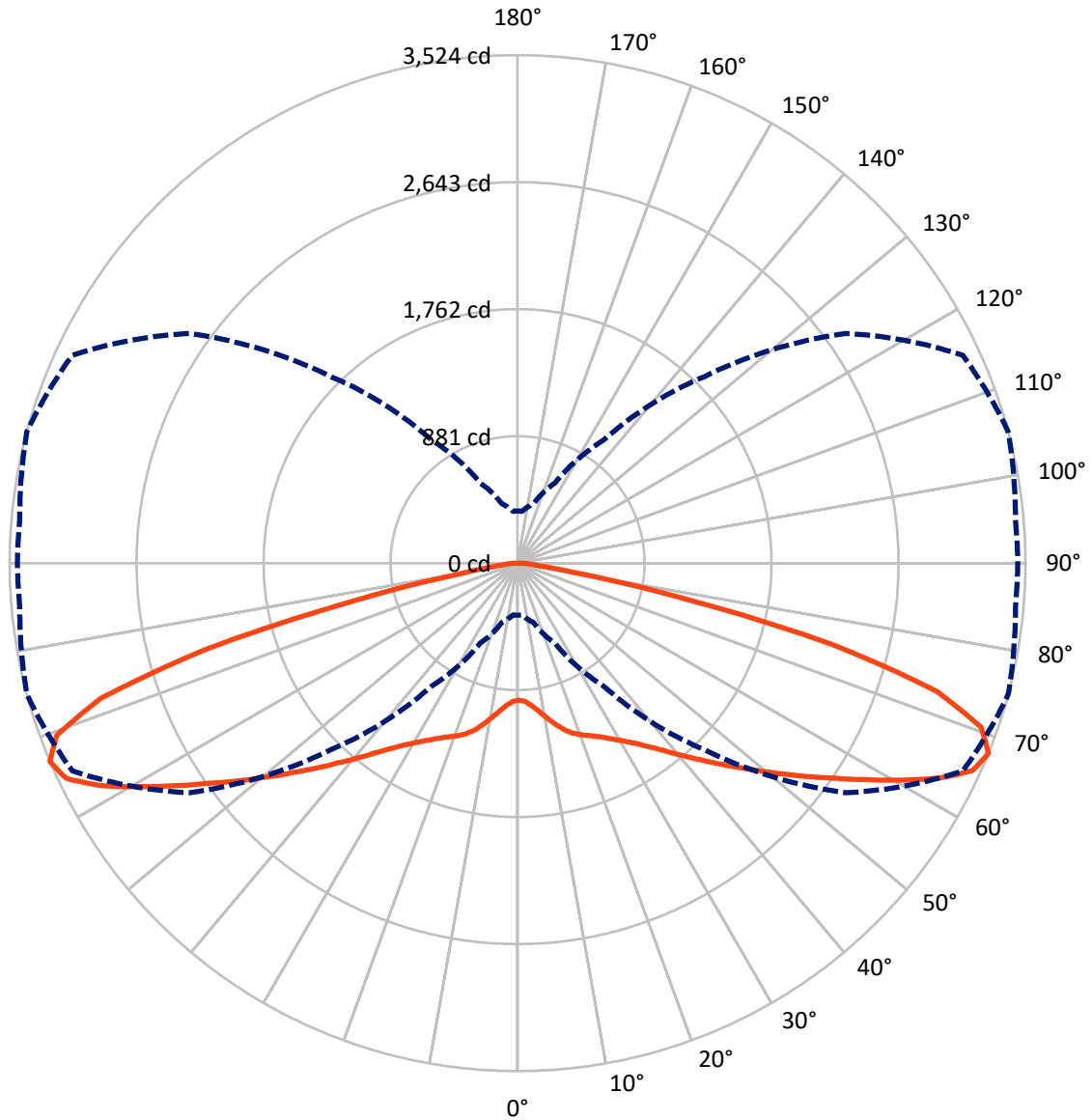
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.9 fc  
 Type II - Medium - N/A

REPORT NUMBER: P672894  
CATALOG NUMBER: CCP-SA-2D-835-U-RW

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P672894

CATALOG NUMBER: CCP-SA-2D-835-U-RW

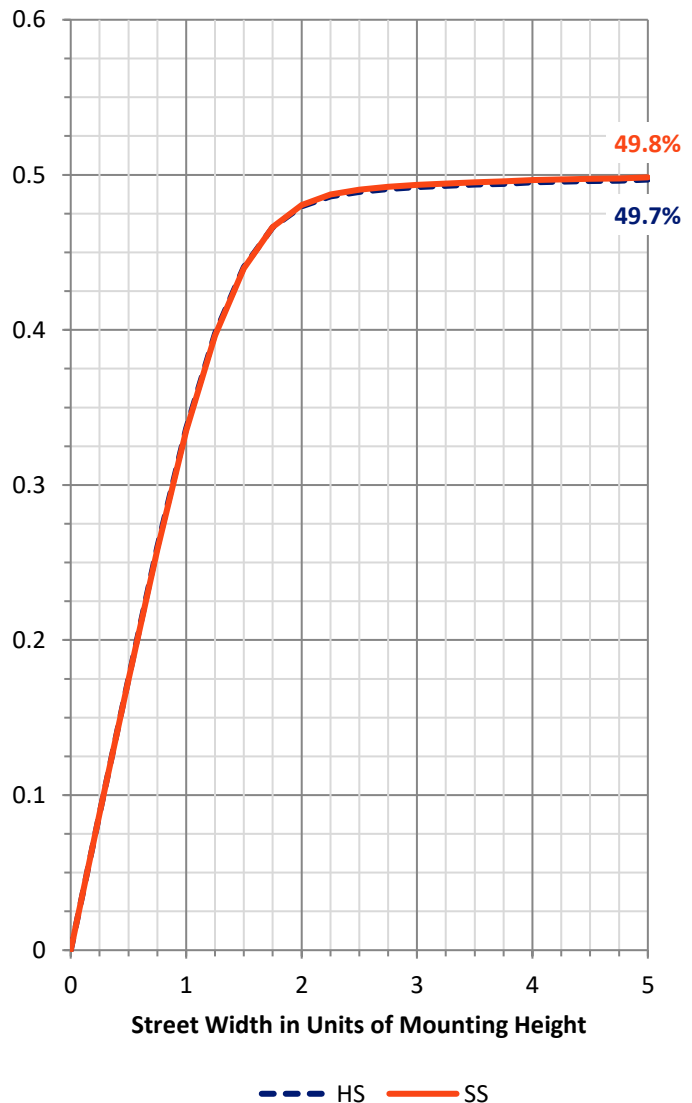
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4674.2	0.0	4674.2
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	4674.2	0.0	4674.2
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	9348.3	0.0	9348.3
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	94.1	1.0
10°-20°	317.1	3.4
20°-30°	619.2	6.6
30°-40°	1068.2	11.4
40°-50°	1730.3	18.5
50°-60°	2353.3	25.2
60°-70°	2171.0	23.2
70°-80°	908.4	9.7
80°-90°	86.7	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°	9348.3	100.0
0°-180°	9348.3	100.0



REPORT NUMBER: P672894

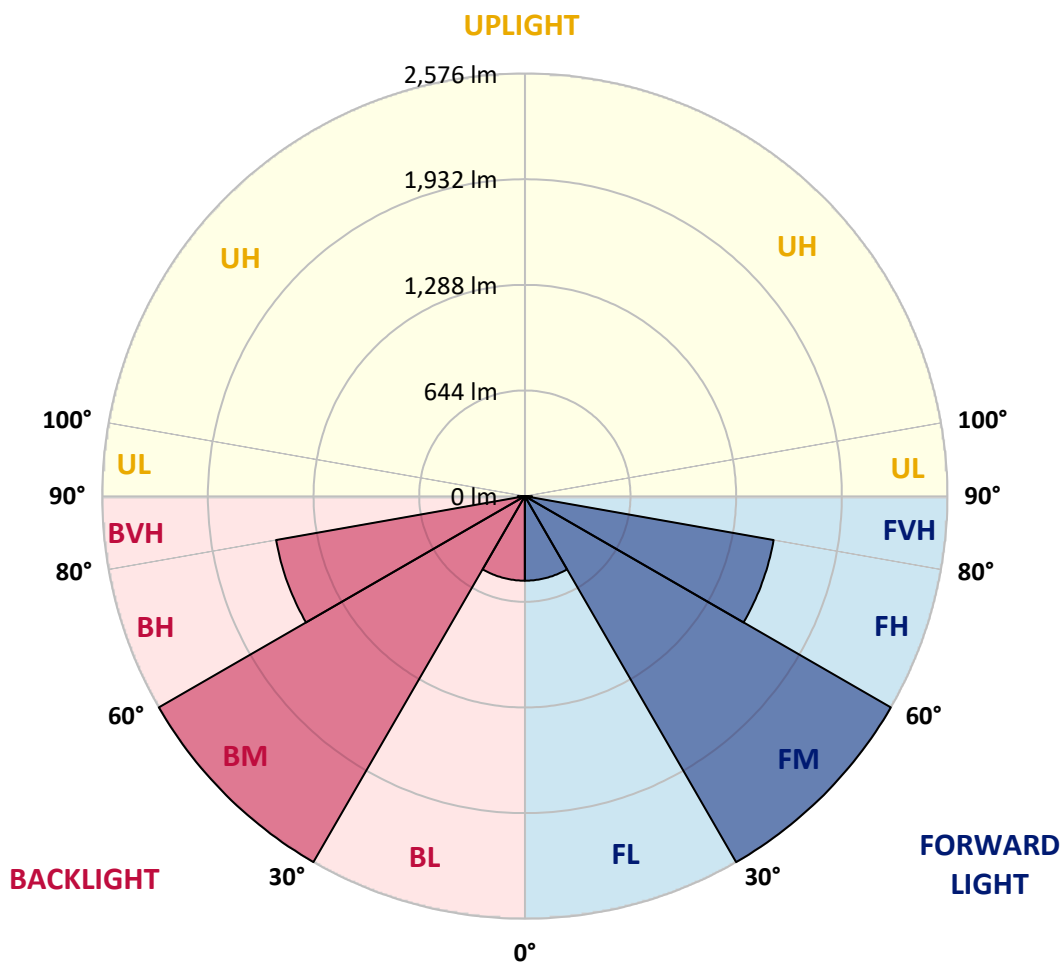
CATALOG NUMBER: CCP-SA-2D-835-U-RW

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	515.2	5.5			
FM (30°-60°)	2575.9	27.6			
FH (60°-80°)	1539.7	16.5			G1/1800
FVH (80°-90°)	43.4	0.5			G1/100
BL (0°-30°)	515.2	5.5	B2/1000		
BM (30°-60°)	2575.9	27.6	B3/5000		
BH (60°-80°)	1539.7	16.5	B3/2500		G3/2500
BVH (80°-90°)	43.4	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





REPORT NUMBER: P672894

CATALOG NUMBER: CCP-SA-2D-835-U-RW

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	951.0	951.0	951.0	951.0	951.0	951.0	951.0	951.0	951.0	951.0	951.0
2.5°	945.0	945.0	947.7	951.0	952.4	955.1	955.8	955.8	959.8	959.1	959.8
5°	942.3	942.3	947.0	953.1	959.8	967.9	975.9	980.6	990.7	992.7	993.4
7.5°	945.0	945.7	952.4	962.5	973.9	988.7	1004.1	1016.9	1033.7	1039.8	1043.8
10°	955.1	955.8	964.5	978.6	996.1	1017.6	1039.8	1059.9	1086.8	1098.9	1100.9
12.5°	970.5	971.2	984.0	1006.8	1031.7	1058.6	1083.5	1109.0	1142.6	1160.7	1164.8
15°	994.1	992.0	1012.2	1045.8	1080.8	1114.4	1136.6	1161.4	1197.0	1220.6	1226.6
17.5°	1026.3	1027.7	1052.5	1095.6	1138.6	1172.8	1195.0	1209.1	1240.1	1264.3	1270.3
20°	1066.7	1072.7	1104.3	1154.0	1204.4	1240.7	1256.2	1254.2	1271.6	1292.5	1297.2
22.5°	1123.8	1127.8	1166.1	1221.9	1279.7	1317.4	1323.4	1301.2	1300.6	1314.0	1320.0
25°	1191.0	1194.4	1234.7	1299.2	1360.4	1400.0	1394.0	1355.7	1335.5	1336.2	1340.2
27.5°	1269.6	1276.4	1318.0	1383.9	1447.1	1483.4	1474.6	1418.8	1379.2	1367.1	1364.4
30°	1371.8	1379.2	1421.5	1484.7	1540.5	1572.8	1559.3	1488.7	1429.6	1409.4	1405.4
32.5°	1504.9	1504.2	1547.9	1609.1	1648.0	1668.9	1642.7	1562.7	1488.1	1461.2	1455.8
35°	1642.0	1648.7	1691.7	1750.9	1780.4	1781.8	1740.1	1650.1	1561.3	1515.0	1504.9
37.5°	1796.6	1799.9	1849.7	1905.5	1924.9	1914.2	1852.4	1752.2	1650.1	1601.0	1583.5
40°	1955.2	1958.6	2016.4	2070.1	2091.6	2066.1	1984.8	1865.1	1754.9	1701.1	1691.1
42.5°	2102.4	2111.1	2175.7	2238.8	2259.7	2230.1	2132.0	1988.8	1865.8	1814.0	1800.6
45°	2224.7	2234.1	2306.7	2387.4	2424.3	2400.1	2289.2	2127.9	1993.5	1937.7	1914.9
47.5°	2316.8	2328.9	2406.2	2503.0	2574.9	2570.2	2456.6	2275.1	2130.6	2064.8	2043.9
50°	2380.0	2392.7	2476.1	2580.3	2688.5	2724.8	2626.6	2437.8	2283.2	2209.3	2195.1
52.5°	2384.7	2396.1	2491.5	2621.3	2765.8	2845.8	2794.0	2609.2	2451.2	2374.6	2364.5
55°	2279.8	2287.9	2414.9	2587.7	2797.4	2938.5	2946.6	2796.0	2630.7	2553.4	2548.7
57.5°	2039.2	2050.6	2202.5	2431.1	2744.9	2998.3	3079.0	2991.6	2833.7	2761.1	2757.0
60°	1647.4	1662.2	1835.6	2139.4	2555.4	2982.9	3191.2	3175.1	3055.5	2984.9	2982.2
62.5°	1162.1	1167.5	1348.3	1683.0	2184.4	2818.9	3245.7	3353.9	3285.3	3214.1	3218.1
65°	682.9	690.3	822.7	1123.8	1656.8	2441.8	3151.6	3478.2	3469.5	3404.3	3411.0
67.5°	360.9	360.9	427.5	614.3	1041.8	1828.2	2777.2	3409.7	3523.9	3466.8	3470.2
70°	249.4	248.7	260.8	308.5	503.4	1133.2	2077.5	3050.7	3413.0	3391.5	3400.3
72.5°	211.0	209.7	210.4	217.1	256.1	512.2	1261.6	2349.7	3042.7	3075.6	3083.0
75°	184.8	182.8	181.5	180.1	183.5	232.6	575.3	1449.8	2255.6	2462.6	2458.6
77.5°	159.3	157.9	156.6	151.9	146.5	152.6	235.2	652.0	1160.1	1369.1	1354.3
80°	131.1	131.1	133.1	126.4	116.3	112.2	140.5	243.3	385.1	401.9	369.7
82.5°	102.8	102.8	112.9	103.5	91.4	81.3	97.5	129.7	156.6	127.0	103.5
85°	72.6	73.3	94.1	86.0	70.6	47.0	60.5	77.3	88.0	55.8	43.7
87.5°	29.6	31.6	58.5	46.4	44.4	23.5	28.2	34.3	43.7	23.5	18.8
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)