

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: P672890

Luminaire Tested: **CCP-SA-1F-835-U-RW**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672890  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-1F-835-U-RW  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ RW distribution lens  
Light Source: (16) 3500K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

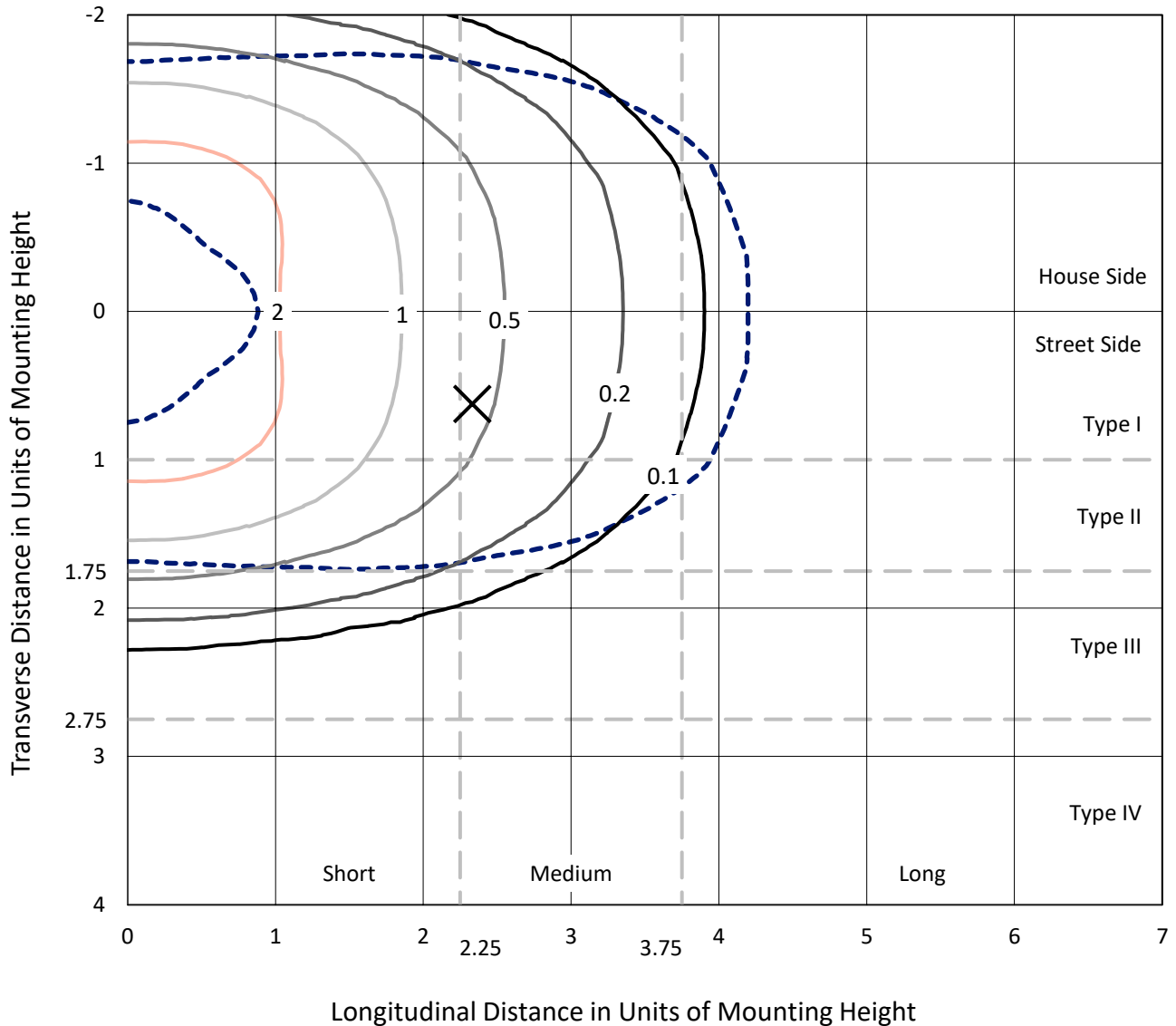
Lumens per Lamp: N/A  
Luminaire Lumens: 6284.6 lumens  
Efficiency: N/A  
Efficacy: 93.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B3 - U0 - G3

Input Watts (W): 67  
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

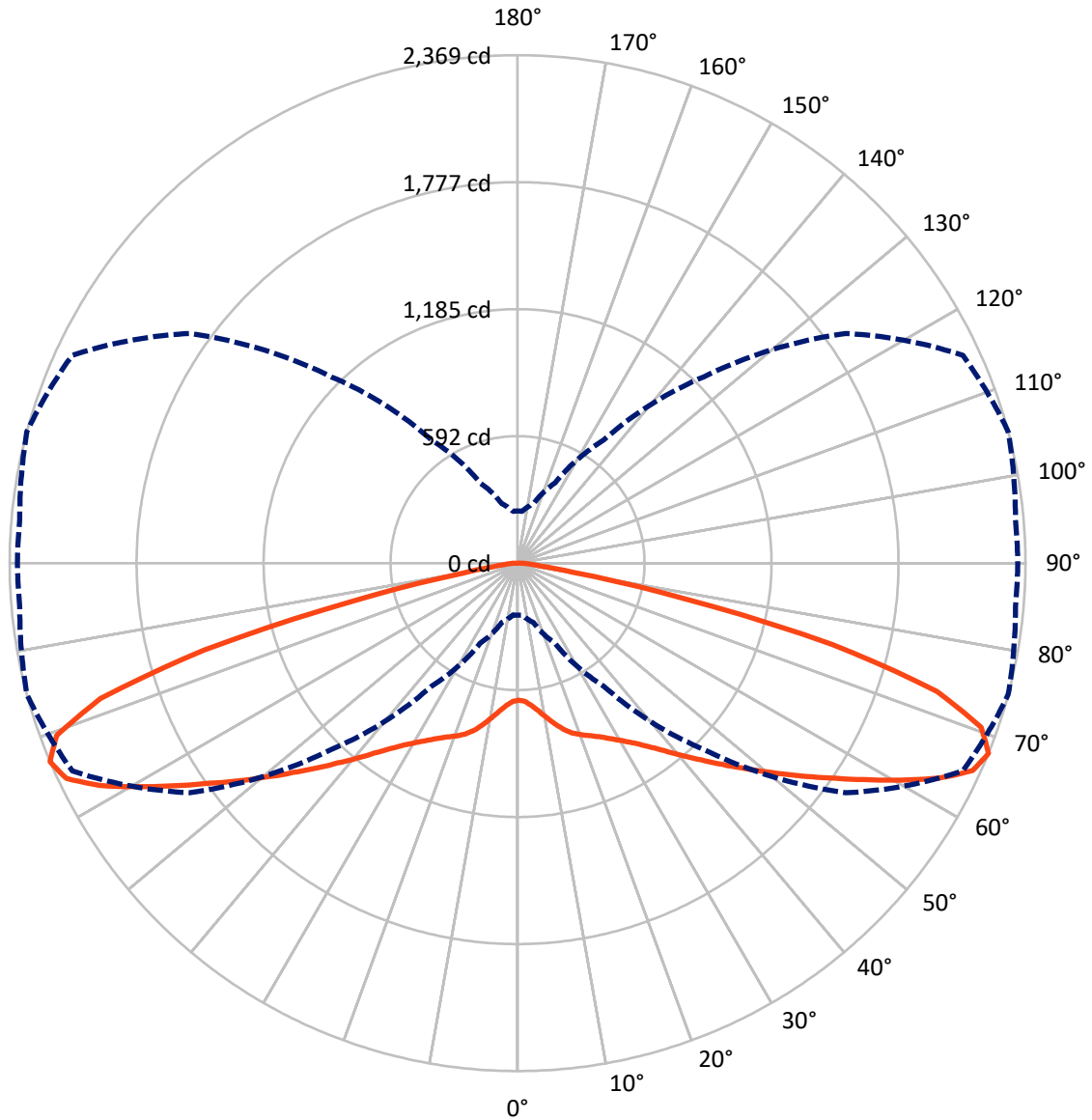
× Max cd  
 - - - 1/2 Max cd



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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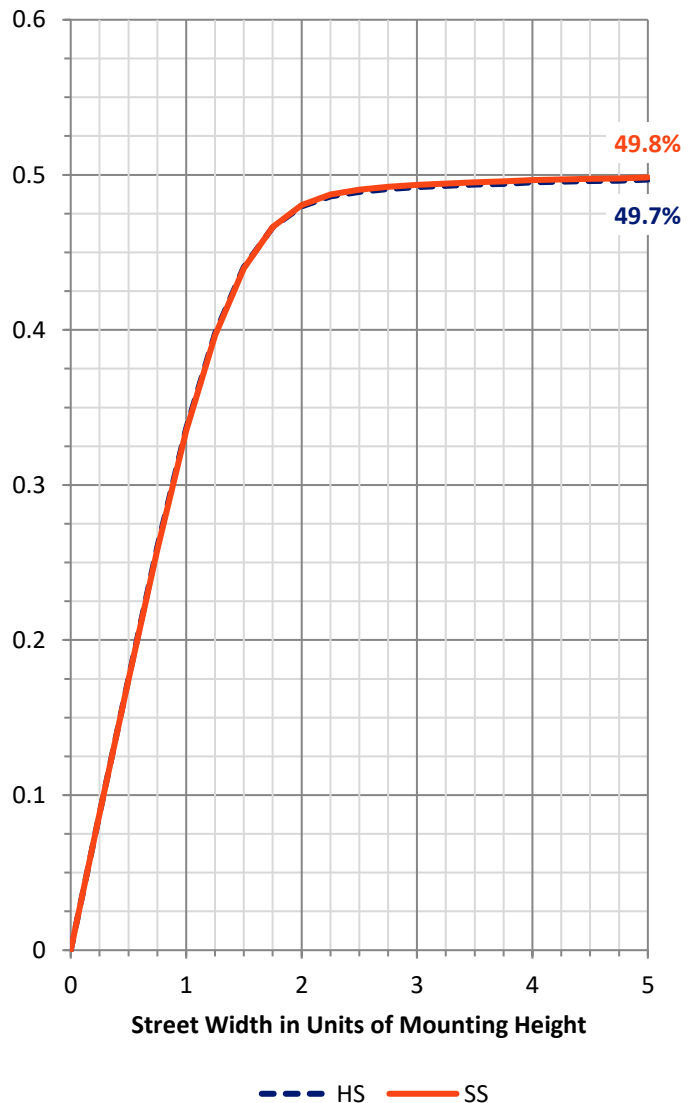
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3142.3	0.0	3142.3
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3142.3	0.0	3142.3
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	6284.6	0.0	6284.6
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	63.3	1.0
10°-20°	213.2	3.4
20°-30°	416.3	6.6
30°-40°	718.1	11.4
40°-50°	1163.2	18.5
50°-60°	1582.0	25.2
60°-70°	1459.5	23.2
70°-80°	610.7	9.7
80°-90°	58.3	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°	6284.6	100.0
0°-180°	6284.6	100.0



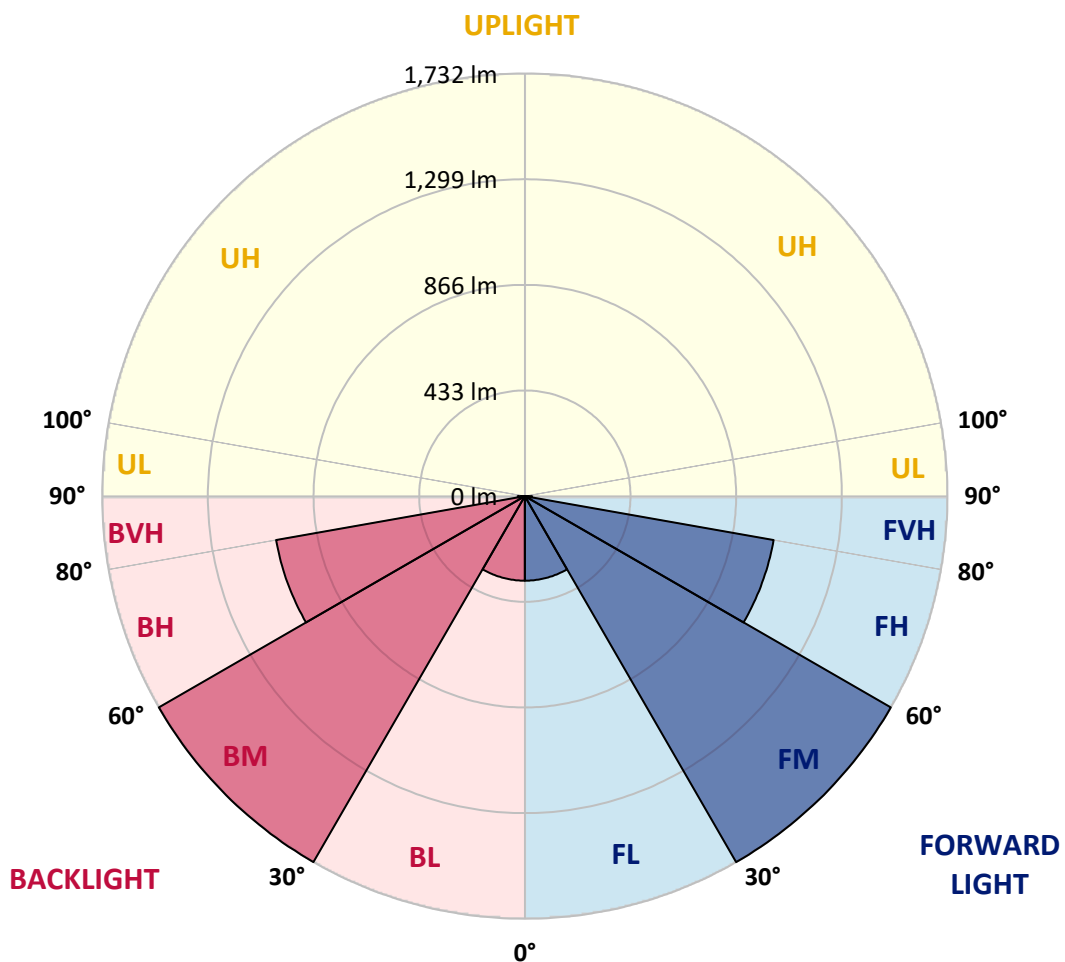
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 CATALOG NUMBER: CCP-SA-1F-835-U-RW

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	346.4	5.5			
FM (30°-60°)	1731.7	27.6			
FH (60°-80°)	1035.1	16.5			G1/1800
FVH (80°-90°)	29.2	0.5			G1/100
BL (0°-30°)	346.4	5.5	B1/500		
BM (30°-60°)	1731.7	27.6	B2/2500		
BH (60°-80°)	1035.1	16.5	B3/2500		G3/2500
BVH (80°-90°)	29.2	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°	639.4	639.4	639.4	639.4	639.4	639.4	639.4	639.4	639.4	639.4	639.4
2.5°	635.3	635.3	637.1	639.4	640.3	642.1	642.5	642.5	645.2	644.8	645.2
5°	633.5	633.5	636.7	640.7	645.2	650.7	656.1	659.2	666.0	667.4	667.8
7.5°	635.3	635.7	640.3	647.0	654.7	664.7	675.1	683.6	694.9	699.0	701.7
10°	642.1	642.5	648.4	657.9	669.6	684.1	699.0	712.6	730.6	738.8	740.1
12.5°	652.5	652.9	661.5	676.9	693.6	711.7	728.4	745.5	768.1	780.3	783.0
15°	668.3	666.9	680.5	703.1	726.6	749.2	764.1	780.8	804.7	820.6	824.6
17.5°	690.0	690.9	707.6	736.5	765.4	788.5	803.4	812.9	833.7	849.9	854.0
20°	717.1	721.1	742.4	775.8	809.7	834.1	844.5	843.1	854.9	868.9	872.1
22.5°	755.5	758.2	784.0	821.5	860.3	885.6	889.7	874.8	874.3	883.4	887.4
25°	800.7	802.9	830.0	873.4	914.5	941.2	937.1	911.4	897.8	898.3	901.0
27.5°	853.5	858.1	886.1	930.3	972.8	997.2	991.3	953.8	927.2	919.1	917.2
30°	922.2	927.2	955.7	998.1	1035.6	1057.3	1048.3	1000.8	961.1	947.5	944.8
32.5°	1011.7	1011.2	1040.6	1081.7	1107.9	1121.9	1104.3	1050.5	1000.4	982.3	978.7
35°	1103.9	1108.4	1137.3	1177.1	1196.9	1197.8	1169.8	1109.3	1049.6	1018.5	1011.7
37.5°	1207.8	1210.0	1243.5	1281.0	1294.1	1286.9	1245.3	1178.0	1109.3	1076.3	1064.5
40°	1314.4	1316.7	1355.5	1391.7	1406.1	1389.0	1334.3	1253.9	1179.8	1143.6	1136.8
42.5°	1413.4	1419.2	1462.6	1505.1	1519.1	1499.2	1433.3	1337.0	1254.3	1219.5	1210.5
45°	1495.6	1501.9	1550.7	1605.0	1629.8	1613.5	1539.0	1430.5	1340.2	1302.7	1287.3
47.5°	1557.5	1565.6	1617.6	1682.7	1731.0	1727.9	1651.5	1529.5	1432.3	1388.1	1374.1
50°	1600.0	1608.6	1664.6	1734.6	1807.4	1831.8	1765.8	1638.8	1534.9	1485.2	1475.7
52.5°	1603.1	1610.8	1675.0	1762.2	1859.3	1913.1	1878.3	1754.1	1647.9	1596.4	1589.6
55°	1532.7	1538.1	1623.5	1739.6	1880.6	1975.5	1980.9	1879.7	1768.5	1716.6	1713.4
57.5°	1370.9	1378.6	1480.7	1634.3	1845.3	2015.7	2069.9	2011.2	1905.0	1856.2	1853.5
60°	1107.5	1117.4	1234.0	1438.2	1717.9	2005.3	2145.4	2134.5	2054.1	2006.6	2004.8
62.5°	781.2	784.9	906.4	1131.4	1468.5	1895.0	2182.0	2254.7	2208.6	2160.7	2163.4
65°	459.1	464.0	553.1	755.5	1113.8	1641.6	2118.7	2338.3	2332.4	2288.6	2293.1
67.5°	242.6	242.6	287.4	413.0	700.4	1229.0	1867.0	2292.2	2369.0	2330.6	2332.9
70°	167.6	167.2	175.3	207.4	338.4	761.8	1396.7	2050.9	2294.5	2280.0	2285.9
72.5°	141.9	141.0	141.4	145.9	172.2	344.3	848.1	1579.7	2045.5	2067.6	2072.6
75°	124.3	122.9	122.0	121.1	123.4	156.3	386.8	974.6	1516.4	1655.6	1652.9
77.5°	107.1	106.2	105.3	102.1	98.5	102.6	158.1	438.3	779.9	920.4	910.5
80°	88.1	88.1	89.5	84.9	78.2	75.5	94.4	163.6	258.9	270.2	248.5
82.5°	69.1	69.1	75.9	69.6	61.5	54.7	65.5	87.2	105.3	85.4	69.6
85°	48.8	49.3	63.3	57.8	47.4	31.6	40.7	52.0	59.2	37.5	29.4
87.5°	19.9	21.2	39.3	31.2	29.8	15.8	19.0	23.0	29.4	15.8	12.7
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)