

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: P672895

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

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672895  
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-RW  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ RW distribution lens  
Light Source: (32) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

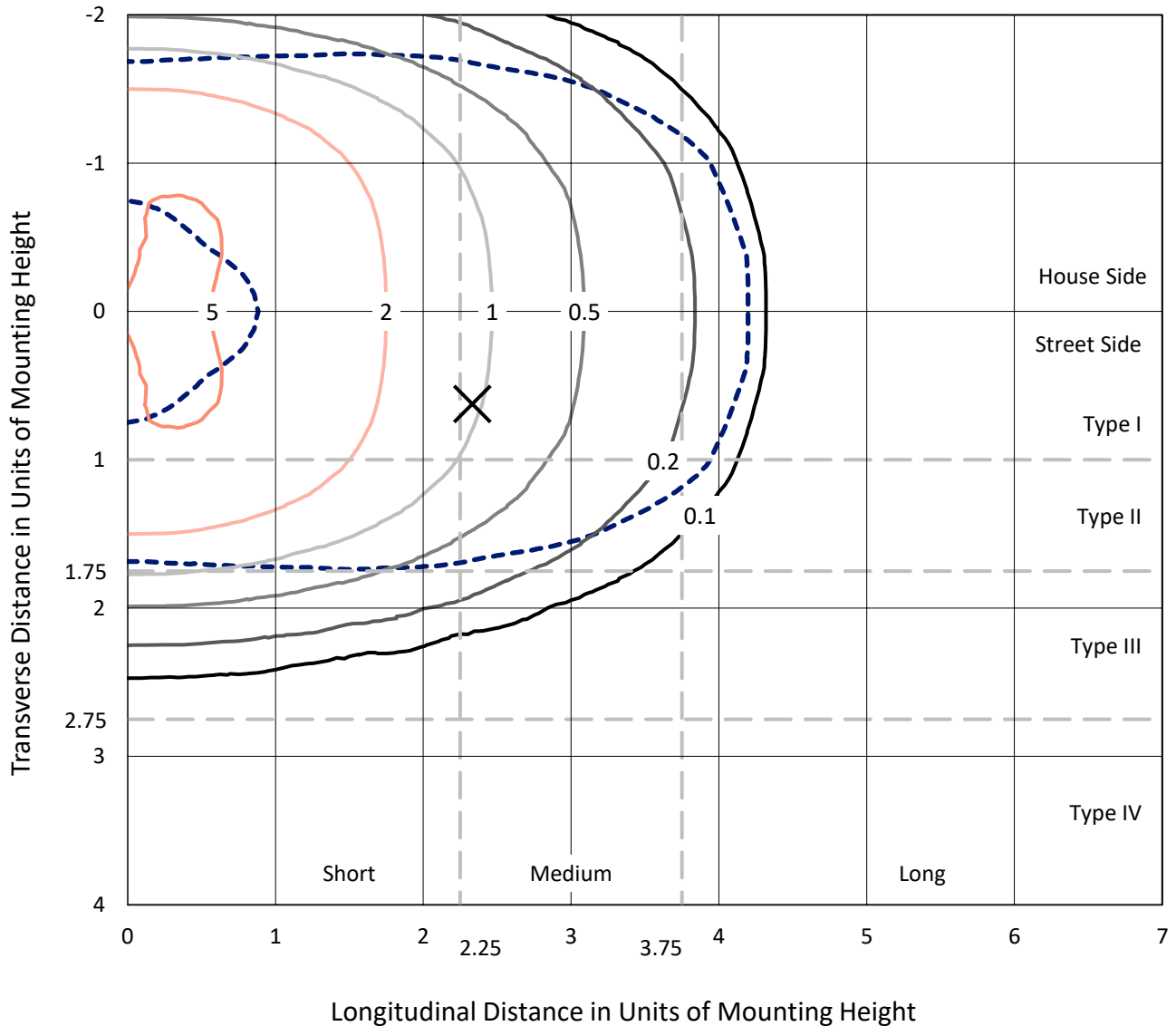
Lumens per Lamp: N/A  
Luminaire Lumens: 11460.8 lumens  
Efficiency: N/A  
Efficacy: 107.5 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B3 - U0 - G3

Input Watts (W): 106.6  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): 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

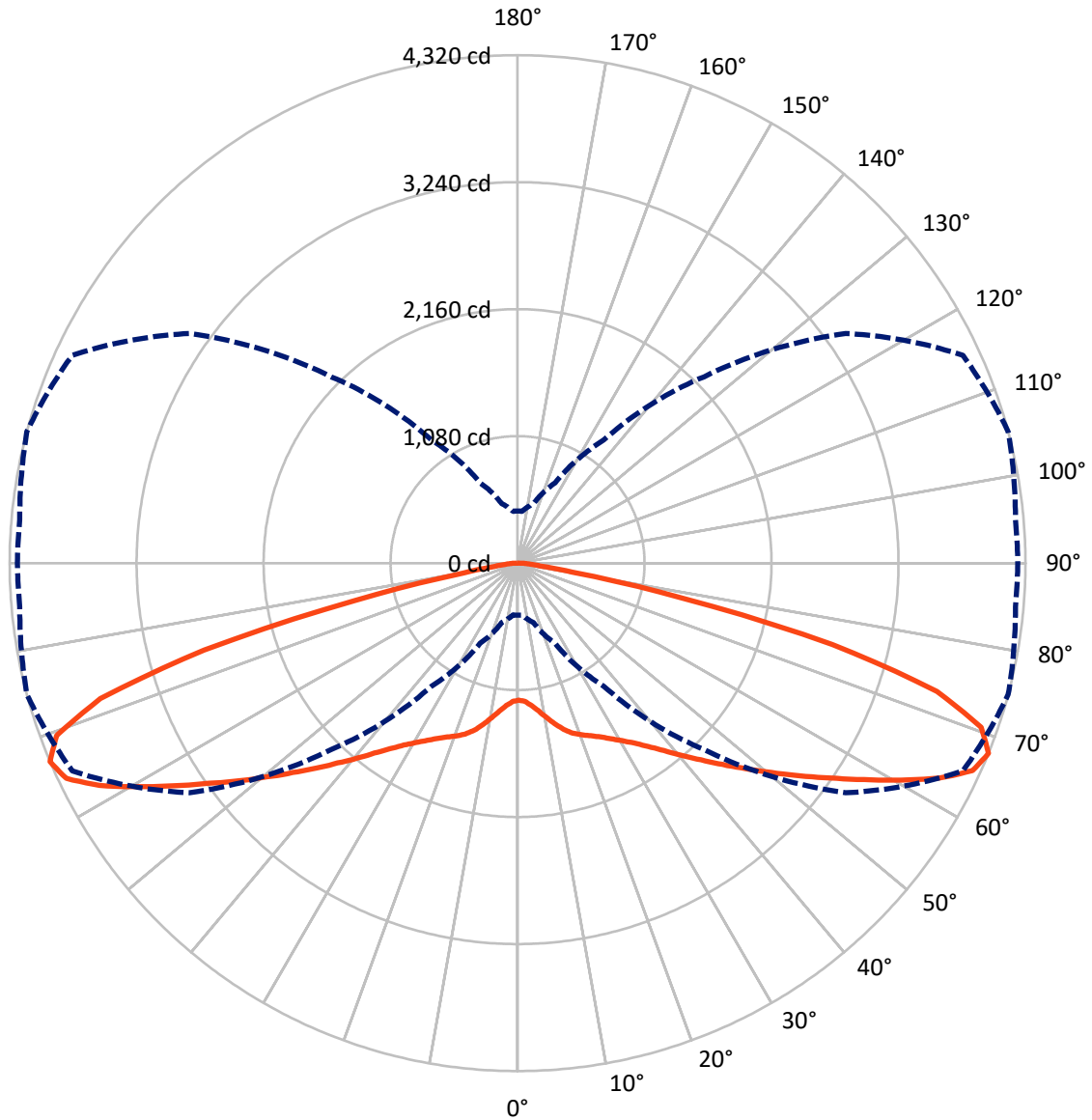
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 6 fc  
 Type II - Medium - N/A

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

### Luminous Intensity Polar Plot



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

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

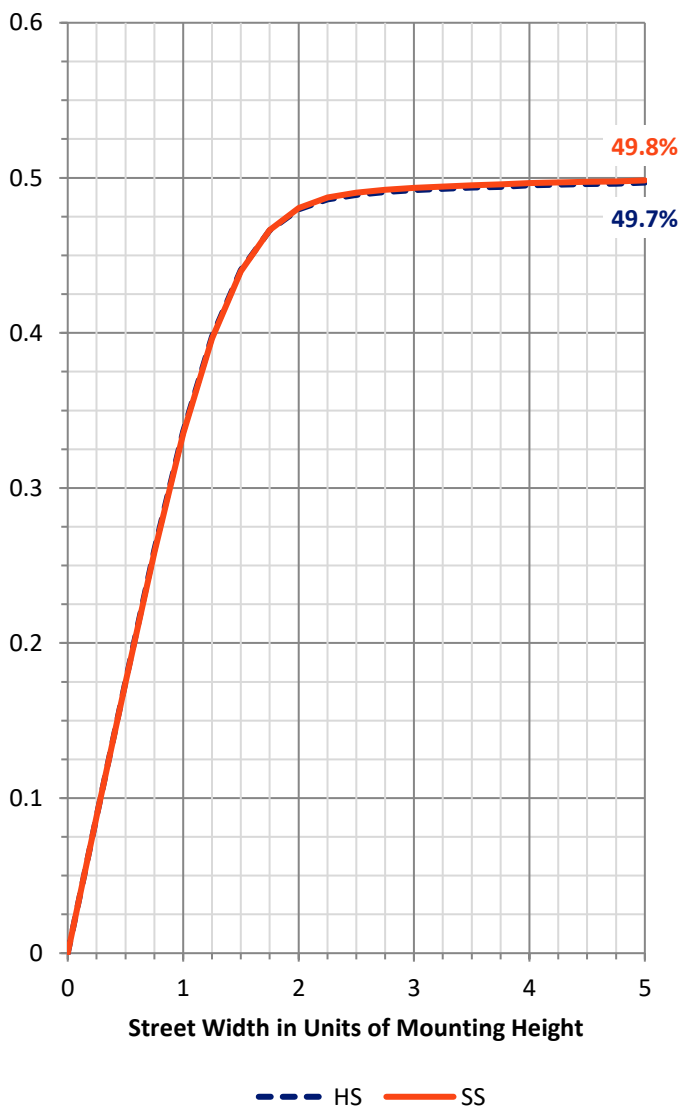
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5730.4	0.0	5730.4
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	5730.4	0.0	5730.4
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	11460.8	0.0	11460.8
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	115.4	1.0
10°-20°	388.8	3.4
20°-30°	759.1	6.6
30°-40°	1309.6	11.4
40°-50°	2121.3	18.5
50°-60°	2885.0	25.2
60°-70°	2661.6	23.2
70°-80°	1113.7	9.7
80°-90°	106.3	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°	11460.8	100.0
0°-180°	11460.8	100.0



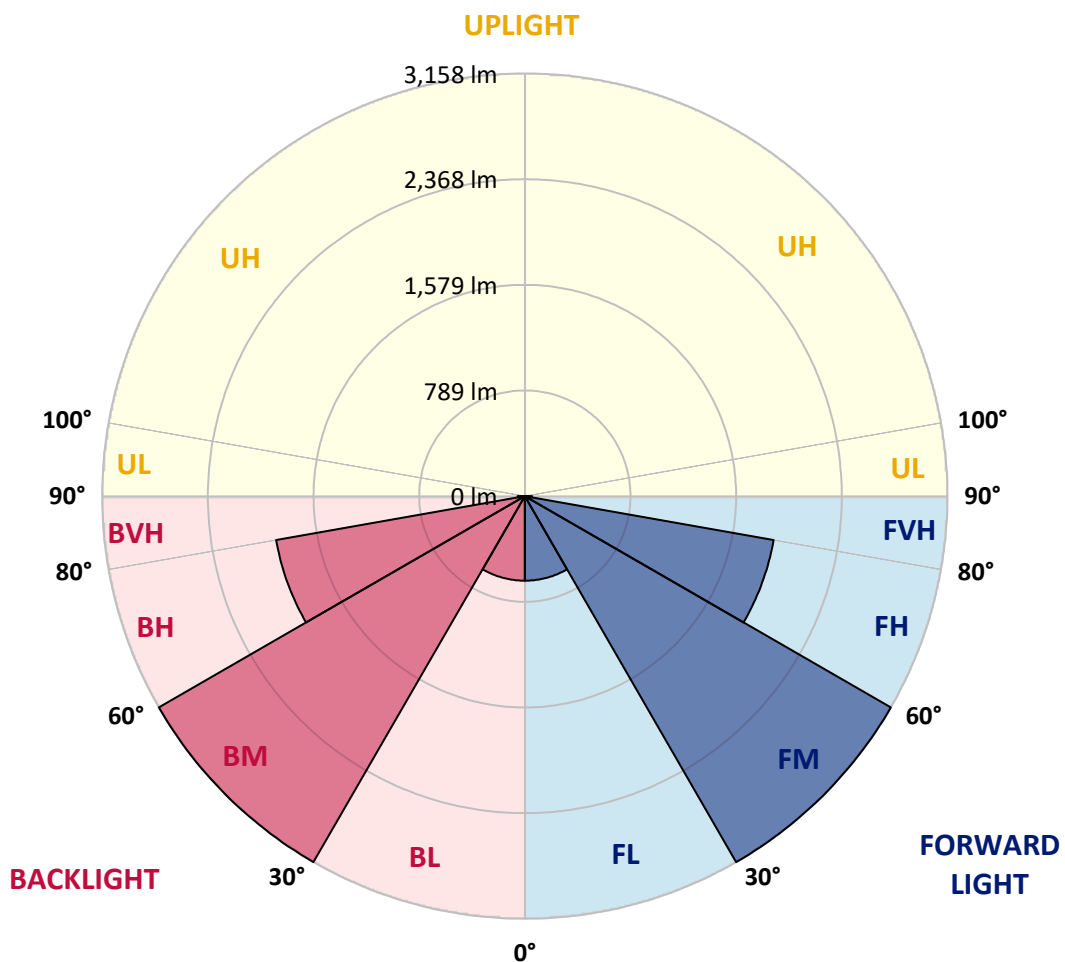
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 CATALOG NUMBER: CCP-SA-2E-835-U-RW

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	631.6	5.5			
FM (30°-60°)	3158.0	27.6			
FH (60°-80°)	1887.6	16.5			G2/5000
FVH (80°-90°)	53.2	0.5			G1/100
BL (0°-30°)	631.6	5.5	B2/1000		
BM (30°-60°)	3158.0	27.6	B3/5000		
BH (60°-80°)	1887.6	16.5	B3/2500		G3/2500
BVH (80°-90°)	53.2	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°	1166.0	1166.0	1166.0	1166.0	1166.0	1166.0	1166.0	1166.0	1166.0	1166.0	1166.0
2.5°	1158.5	1158.5	1161.8	1166.0	1167.6	1170.9	1171.7	1171.7	1176.7	1175.9	1176.7
5°	1155.3	1155.3	1161.0	1168.4	1176.7	1186.6	1196.5	1202.2	1214.6	1217.1	1217.9
7.5°	1158.5	1159.4	1167.6	1180.0	1194.0	1212.1	1231.1	1246.7	1267.3	1274.7	1279.7
10°	1170.9	1171.7	1182.4	1199.7	1221.2	1247.5	1274.7	1299.5	1332.4	1347.2	1349.7
12.5°	1189.9	1190.7	1206.3	1234.4	1264.8	1297.8	1328.3	1359.6	1400.8	1423.1	1428.0
15°	1218.7	1216.2	1240.9	1282.1	1325.0	1366.2	1393.4	1423.9	1467.5	1496.4	1503.8
17.5°	1258.3	1259.9	1290.4	1343.1	1395.9	1437.9	1465.1	1482.4	1520.3	1549.9	1557.4
20°	1307.7	1315.1	1353.8	1414.8	1476.6	1521.1	1540.1	1537.6	1559.0	1584.6	1590.3
22.5°	1377.7	1382.7	1429.6	1498.0	1568.9	1615.0	1622.5	1595.3	1594.4	1610.9	1618.3
25°	1460.1	1464.3	1513.7	1592.8	1667.8	1716.4	1709.0	1662.0	1637.3	1638.1	1643.1
27.5°	1556.5	1564.8	1615.9	1696.6	1774.1	1818.6	1807.9	1739.5	1690.9	1676.0	1672.7
30°	1681.8	1690.9	1742.8	1820.2	1888.6	1928.2	1911.7	1825.2	1752.7	1727.9	1723.0
32.5°	1844.9	1844.1	1897.7	1972.7	2020.5	2046.0	2013.9	1915.8	1824.3	1791.4	1784.8
35°	2013.0	2021.3	2074.0	2146.5	2182.8	2184.4	2133.3	2022.9	1914.2	1857.3	1844.9
37.5°	2202.6	2206.7	2267.7	2336.0	2359.9	2346.8	2271.0	2148.2	2022.9	1962.8	1941.4
40°	2397.0	2401.1	2472.0	2537.9	2564.3	2533.0	2433.3	2286.6	2151.5	2085.6	2073.2
42.5°	2577.5	2588.2	2667.3	2744.8	2770.3	2734.0	2613.7	2438.2	2287.4	2224.0	2207.5
45°	2727.5	2739.0	2828.0	2926.9	2972.2	2942.5	2806.6	2608.8	2444.0	2375.6	2347.6
47.5°	2840.3	2855.2	2949.9	3068.6	3156.8	3151.0	3011.7	2789.3	2612.1	2531.3	2505.8
50°	2917.8	2933.5	3035.6	3163.3	3296.0	3340.5	3220.2	2988.7	2799.1	2708.5	2691.2
52.5°	2923.6	2937.6	3054.6	3213.6	3390.8	3488.8	3425.4	3198.8	3005.1	2911.2	2898.8
55°	2795.0	2804.9	2960.6	3172.4	3429.5	3602.5	3612.4	3427.9	3225.1	3130.4	3124.6
57.5°	2500.0	2514.0	2700.3	2980.4	3365.2	3675.9	3774.8	3667.6	3474.0	3385.0	3380.1
60°	2019.6	2037.8	2250.4	2622.8	3132.9	3656.9	3912.4	3892.6	3745.9	3659.4	3656.1
62.5°	1424.7	1431.3	1653.0	2063.3	2678.0	3455.9	3979.1	4111.8	4027.7	3940.4	3945.3
65°	837.2	846.3	1008.6	1377.7	2031.2	2993.6	3863.8	4264.2	4253.5	4173.6	4181.8
67.5°	442.5	442.5	524.1	753.1	1277.2	2241.3	3404.8	4180.2	4320.2	4250.2	4254.3
70°	305.7	304.9	319.7	378.2	617.2	1389.3	2547.0	3740.2	4184.3	4157.9	4168.6
72.5°	258.7	257.1	257.9	266.2	313.9	627.9	1546.7	2880.7	3730.3	3770.6	3779.7
75°	226.6	224.1	222.5	220.8	225.0	285.1	705.3	1777.4	2765.4	3019.1	3014.2
77.5°	195.3	193.6	192.0	186.2	179.6	187.0	288.4	799.3	1422.2	1678.5	1660.4
80°	160.7	160.7	163.2	154.9	142.6	137.6	172.2	298.3	472.2	492.8	453.2
82.5°	126.1	126.1	138.4	126.9	112.1	99.7	119.5	159.0	192.0	155.7	126.9
85°	89.0	89.8	115.4	105.5	86.5	57.7	74.2	94.8	107.9	68.4	53.6
87.5°	36.3	38.7	71.7	56.9	54.4	28.8	34.6	42.0	53.6	28.8	23.1
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)