

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: P672829

Luminaire Tested: **CCP-SA-2E-735-U-RW**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672829  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-2E-735-U-RW  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ RW distribution lens  
Light Source: (32) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

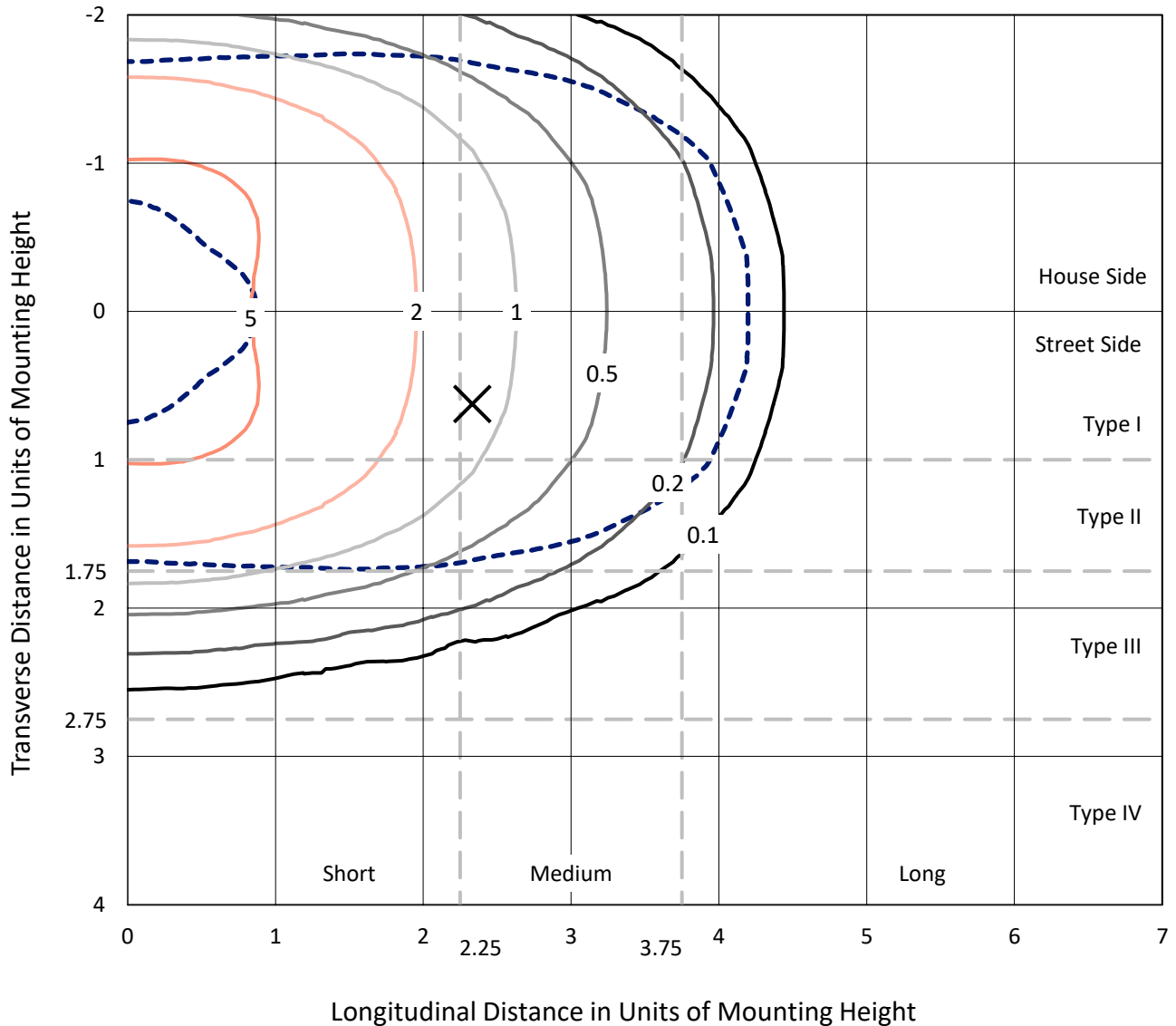
Lumens per Lamp: N/A  
Luminaire Lumens: 13718.2 lumens  
Efficiency: N/A  
Efficacy: 128.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B3 - U0 - G3

Input Watts (W): 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

REPORT NUMBER: P672829  
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### Iso-Footcandle Lines of Horizontal Illumination

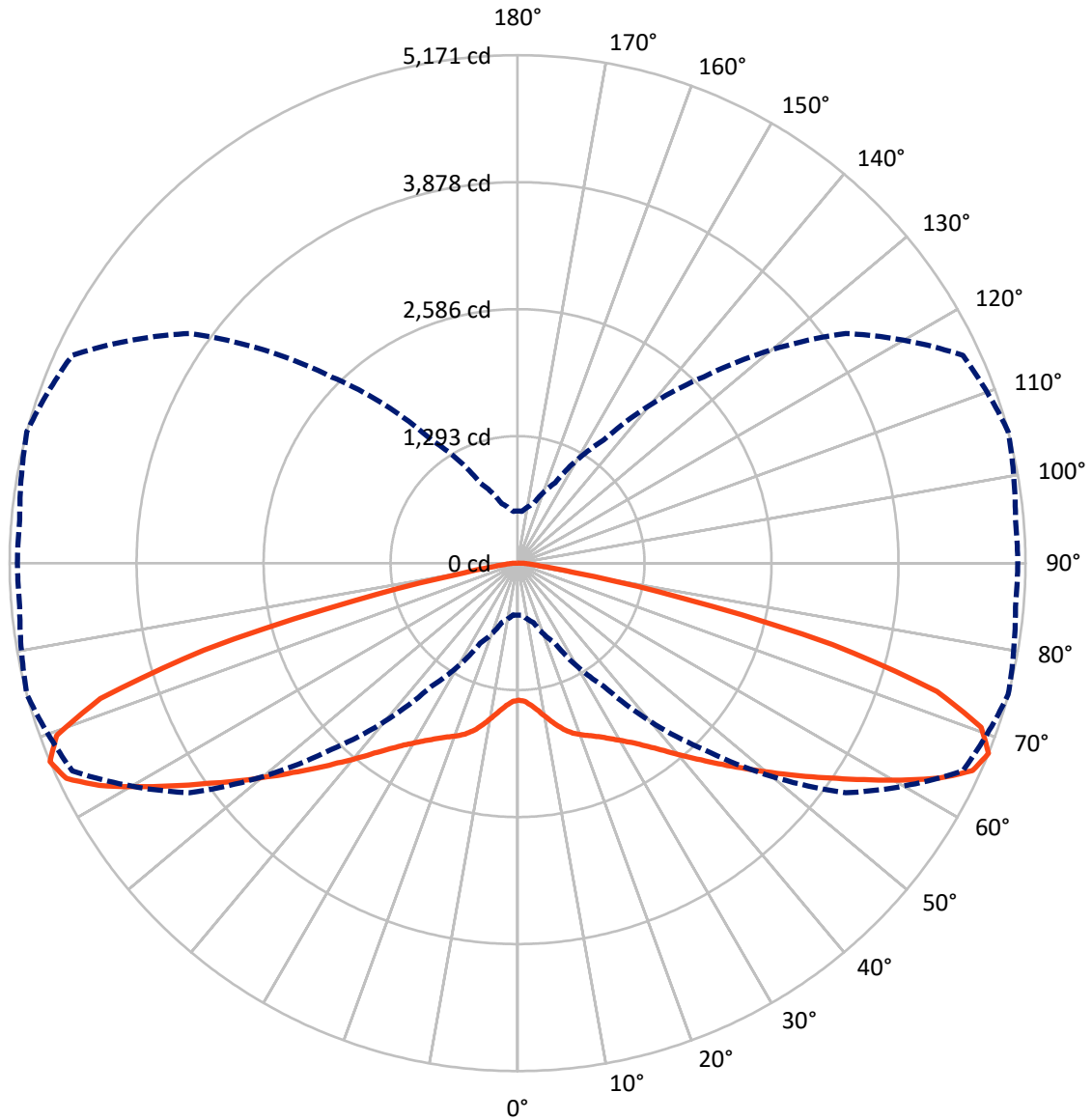
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 7.2 fc  
 Type II - Medium - N/A

REPORT NUMBER: P672829  
CATALOG NUMBER: CCP-SA-2E-735-U-RW

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P672829

CATALOG NUMBER: CCP-SA-2E-735-U-RW

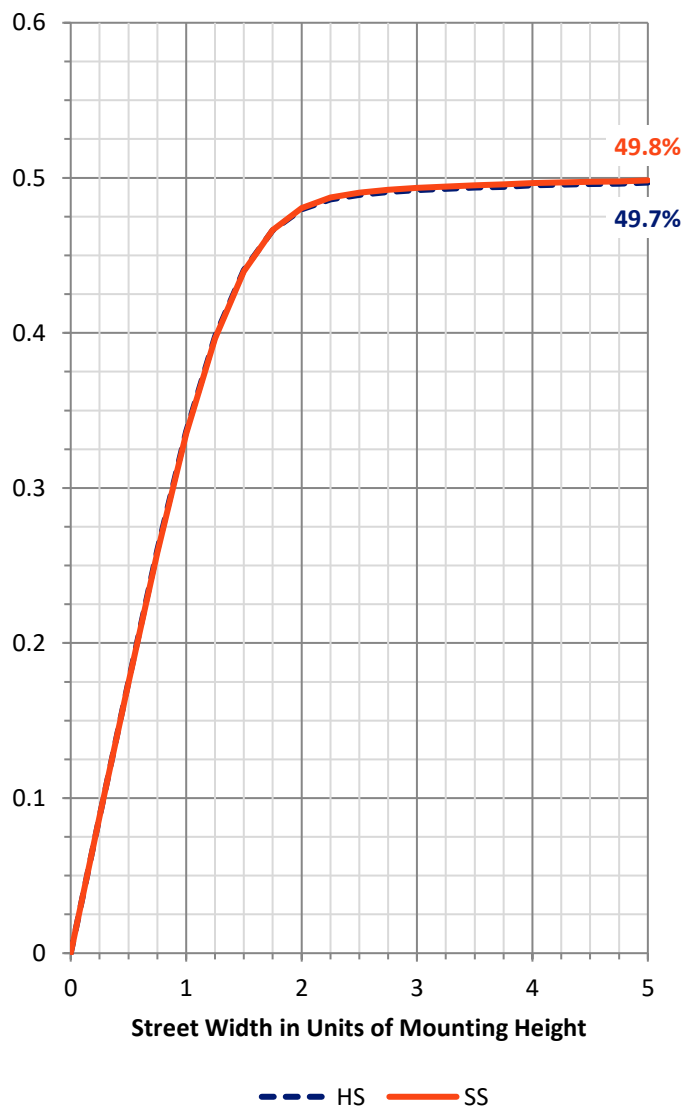
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6859.1	0.0	6859.1
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	6859.1	0.0	6859.1
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	13718.2	0.0	13718.2
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	138.1	1.0
10°-20°	465.3	3.4
20°-30°	908.6	6.6
30°-40°	1567.5	11.4
40°-50°	2539.2	18.5
50°-60°	3453.3	25.2
60°-70°	3185.8	23.2
70°-80°	1333.0	9.7
80°-90°	127.3	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°	13718.2	100.0
0°-180°	13718.2	100.0



REPORT NUMBER: P672829

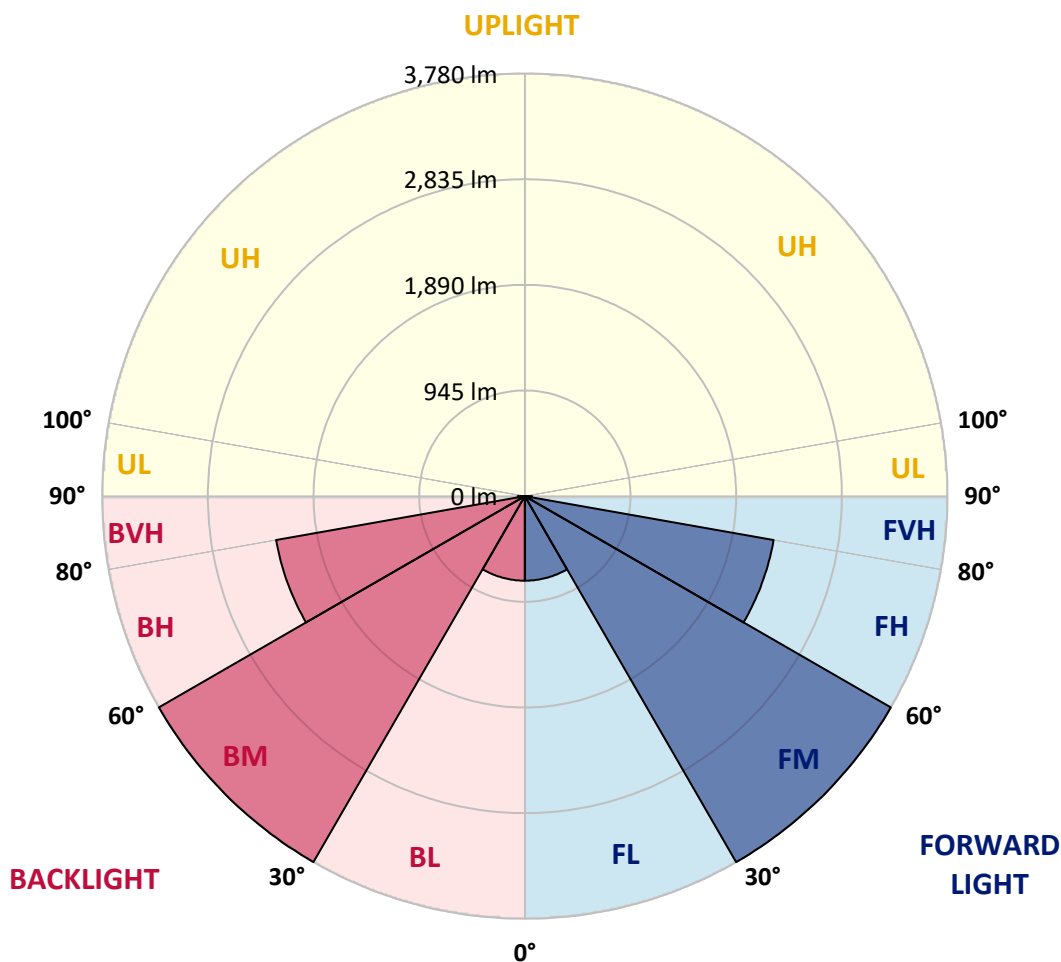
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	756.0	5.5			
FM (30°-60°)	3780.0	27.6			
FH (60°-80°)	2259.4	16.5			G2/5000
FVH (80°-90°)	63.6	0.5			G1/100
BL (0°-30°)	756.0	5.5	B2/1000		
BM (30°-60°)	3780.0	27.6	B3/5000		
BH (60°-80°)	2259.4	16.5	B3/2500		G3/2500
BVH (80°-90°)	63.6	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°	1395.6	1395.6	1395.6	1395.6	1395.6	1395.6	1395.6	1395.6	1395.6	1395.6	1395.6
2.5°	1386.7	1386.7	1390.7	1395.6	1397.6	1401.5	1402.5	1402.5	1408.4	1407.5	1408.4
5°	1382.8	1382.8	1389.7	1398.6	1408.4	1420.3	1432.1	1439.0	1453.8	1456.8	1457.8
7.5°	1386.7	1387.7	1397.6	1412.4	1429.2	1450.9	1473.5	1492.3	1516.9	1525.8	1531.7
10°	1401.5	1402.5	1415.3	1436.1	1461.7	1493.3	1525.8	1555.4	1594.9	1612.6	1615.6
12.5°	1424.2	1425.2	1443.9	1477.5	1514.0	1553.4	1589.9	1627.4	1676.7	1703.3	1709.3
15°	1458.7	1455.8	1485.4	1534.7	1586.0	1635.3	1667.8	1704.3	1756.6	1791.1	1800.0
17.5°	1506.1	1508.1	1544.6	1607.7	1670.8	1721.1	1753.6	1774.4	1819.7	1855.2	1864.1
20°	1565.3	1574.1	1620.5	1693.5	1767.5	1820.7	1843.4	1840.4	1866.1	1896.7	1903.6
22.5°	1649.1	1655.0	1711.2	1793.1	1877.9	1933.2	1942.0	1909.5	1908.5	1928.2	1937.1
25°	1747.7	1752.7	1811.8	1906.5	1996.3	2054.5	2045.6	1989.4	1959.8	1960.8	1966.7
27.5°	1863.1	1873.0	1934.1	2030.8	2123.5	2176.8	2164.0	2082.1	2023.9	2006.1	2002.2
30°	2013.0	2023.9	2086.0	2178.7	2260.6	2308.0	2288.2	2184.7	2097.9	2068.3	2062.4
32.5°	2208.3	2207.3	2271.5	2361.2	2418.4	2449.0	2410.5	2293.2	2183.7	2144.2	2136.3
35°	2409.5	2419.4	2482.5	2569.3	2612.7	2614.7	2553.5	2421.4	2291.2	2223.1	2208.3
37.5°	2636.4	2641.3	2714.3	2796.2	2824.8	2809.0	2718.3	2571.3	2421.4	2349.4	2323.7
40°	2869.2	2874.1	2958.9	3037.8	3069.4	3031.9	2912.6	2737.0	2575.2	2496.3	2481.5
42.5°	3085.2	3098.0	3192.7	3285.4	3316.0	3272.6	3128.6	2918.5	2738.0	2662.0	2642.3
45°	3264.7	3278.5	3385.0	3503.4	3557.6	3522.1	3359.4	3122.6	2925.4	2843.5	2810.0
47.5°	3399.8	3417.5	3531.0	3673.0	3778.5	3771.6	3604.9	3338.6	3126.6	3029.9	2999.3
50°	3492.5	3511.2	3633.5	3786.4	3945.2	3998.5	3854.5	3577.3	3350.5	3242.0	3221.3
52.5°	3499.4	3516.2	3656.2	3846.6	4058.6	4176.0	4100.1	3828.8	3597.0	3484.6	3469.8
55°	3345.5	3357.4	3543.8	3797.3	4105.0	4312.1	4324.0	4103.0	3860.4	3747.0	3740.1
57.5°	2992.4	3009.2	3232.1	3567.5	4028.1	4399.9	4518.3	4390.0	4158.3	4051.7	4045.8
60°	2417.4	2439.1	2693.6	3139.4	3749.9	4377.2	4683.0	4659.3	4483.7	4380.2	4376.2
62.5°	1705.3	1713.2	1978.5	2469.7	3205.5	4136.6	4762.9	4921.7	4821.1	4716.5	4722.4
65°	1002.1	1012.9	1207.2	1649.1	2431.2	3583.2	4624.8	5104.1	5091.3	4995.6	5005.5
67.5°	529.6	529.6	627.3	901.5	1528.8	2682.7	4075.4	5003.5	5171.2	5087.4	5092.3
70°	365.9	364.9	382.7	452.7	738.7	1662.9	3048.7	4476.8	5008.5	4976.9	4989.7
72.5°	309.7	307.7	308.7	318.6	375.8	751.6	1851.3	3448.1	4465.0	4513.3	4524.2
75°	271.2	268.3	266.3	264.3	269.3	341.3	844.3	2127.5	3310.0	3613.8	3607.9
77.5°	233.8	231.8	229.8	222.9	215.0	223.9	345.2	956.7	1702.4	2009.1	1987.4
80°	192.3	192.3	195.3	185.4	170.6	164.7	206.1	357.0	565.2	589.8	542.5
82.5°	150.9	150.9	165.7	151.9	134.1	119.3	143.0	190.4	229.8	186.4	151.9
85°	106.5	107.5	138.1	126.2	103.6	69.0	88.8	113.4	129.2	81.9	64.1
87.5°	43.4	46.4	85.8	68.1	65.1	34.5	41.4	50.3	64.1	34.5	27.6
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)