

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: P672839

Luminaire Tested: **CCP-SA-2D-740-U-RW**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672839  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-2D-740-U-RW  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ RW distribution lens  
Light Source: (32) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

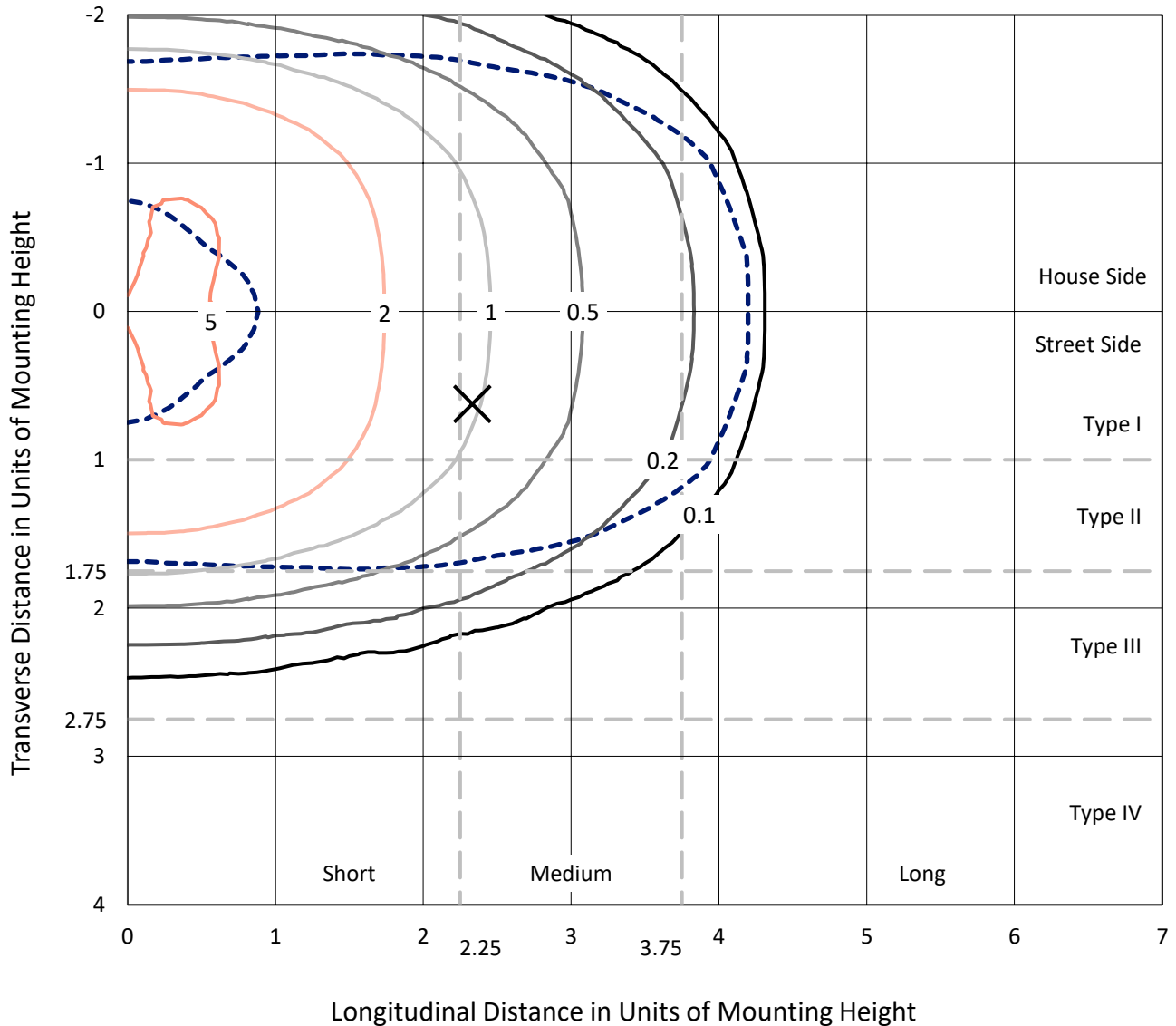
Lumens per Lamp: N/A  
Luminaire Lumens: 11345 lumens  
Efficiency: N/A  
Efficacy: 140.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B3 - U0 - G3

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

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### Iso-Footcandle Lines of Horizontal Illumination

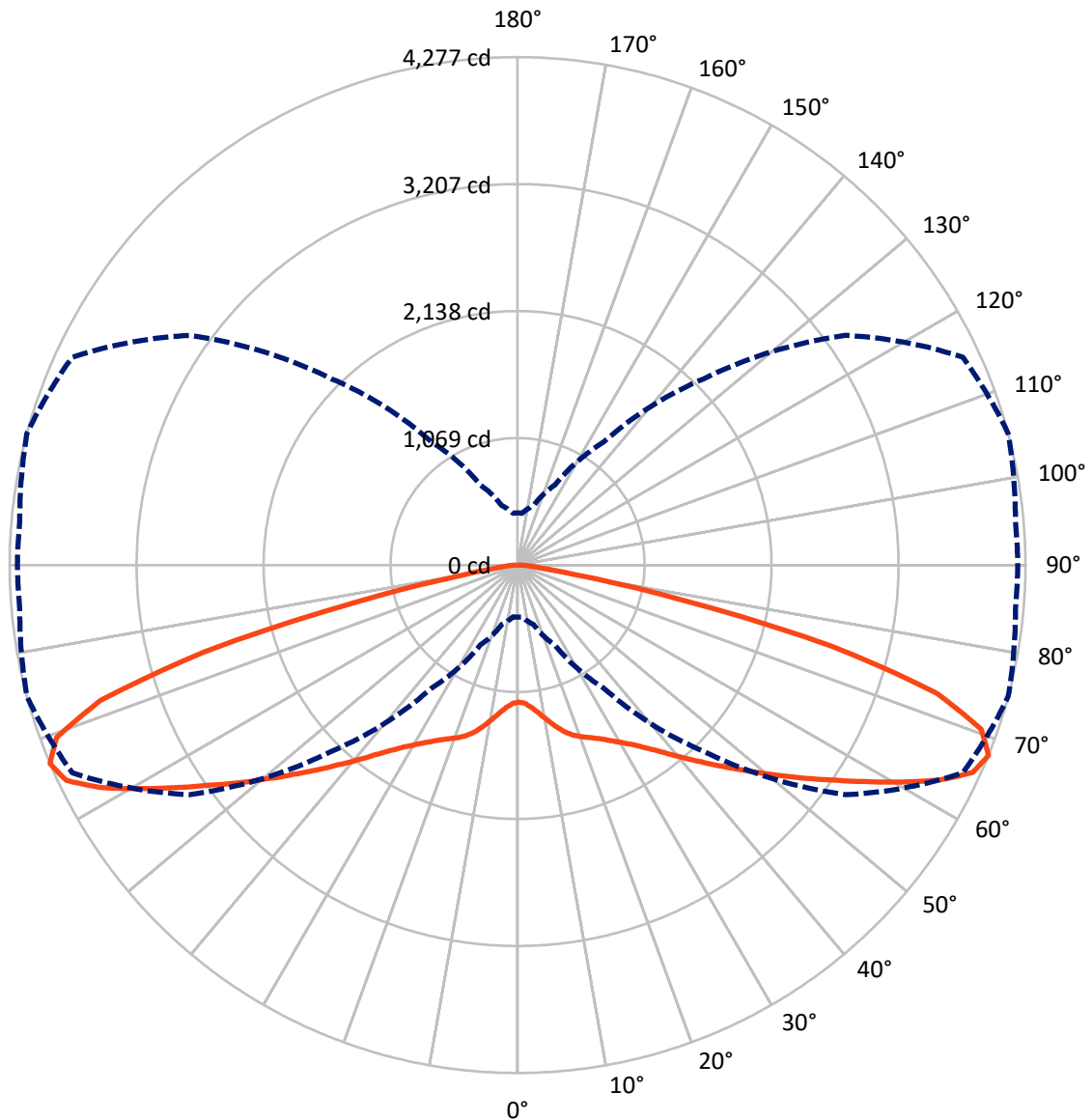
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.9 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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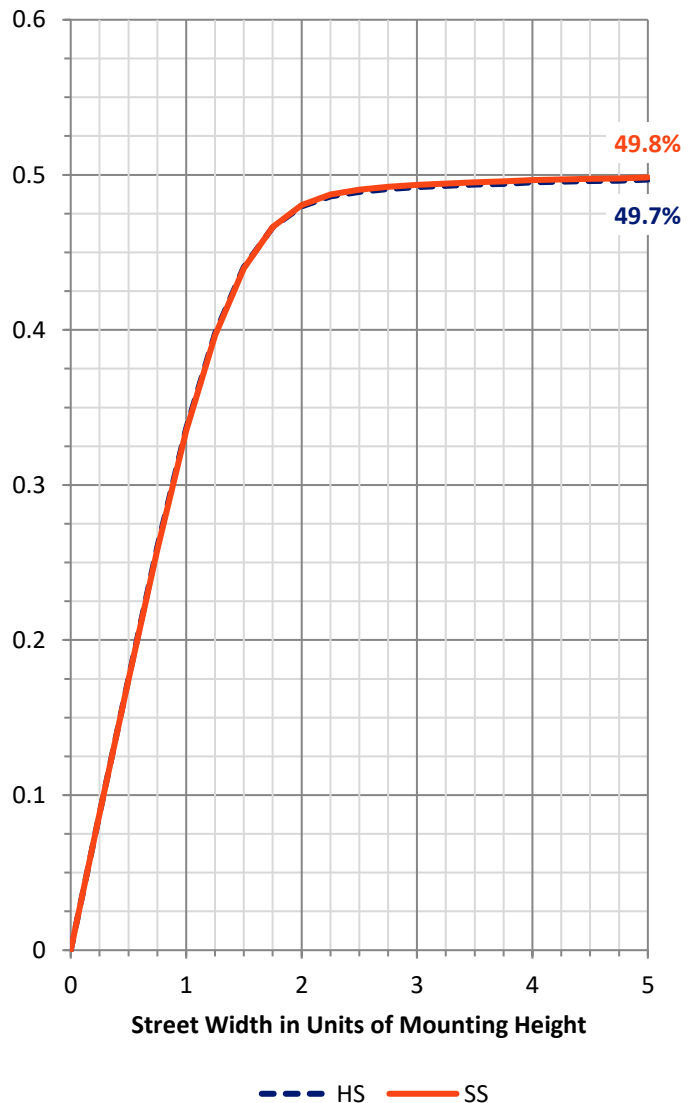
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5672.5	0.0	5672.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	5672.5	0.0	5672.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	11345.0	0.0	11345.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	114.2	1.0
10°-20°	384.8	3.4
20°-30°	751.4	6.6
30°-40°	1296.4	11.4
40°-50°	2099.9	18.5
50°-60°	2855.9	25.2
60°-70°	2634.7	23.2
70°-80°	1102.4	9.7
80°-90°	105.3	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°	11345.0	100.0
0°-180°	11345.0	100.0



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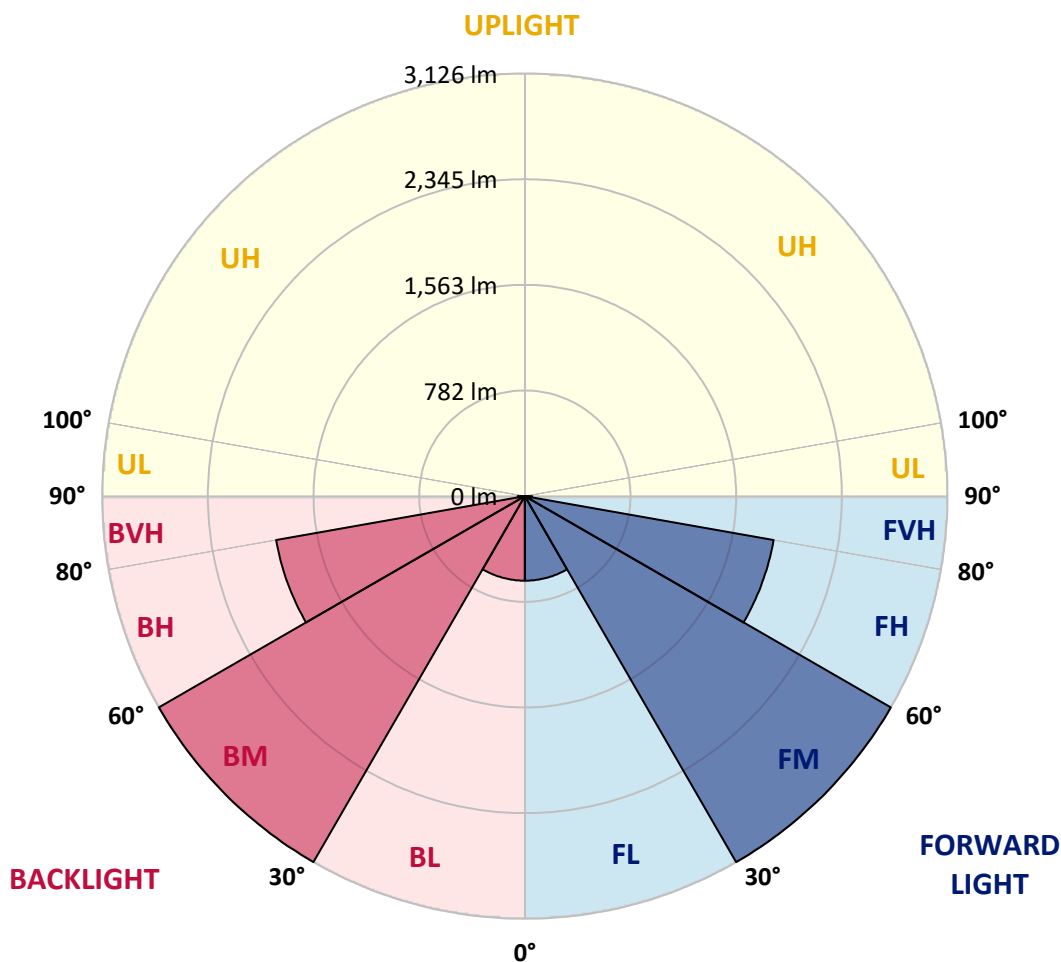
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	625.3	5.5			
FM (30°-60°)	3126.1	27.6			
FH (60°-80°)	1868.6	16.5			G2/5000
FVH (80°-90°)	52.6	0.5			G1/100
BL (0°-30°)	625.3	5.5	B2/1000		
BM (30°-60°)	3126.1	27.6	B3/5000		
BH (60°-80°)	1868.6	16.5	B3/2500		G3/2500
BVH (80°-90°)	52.6	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°	1154.2	1154.2	1154.2	1154.2	1154.2	1154.2	1154.2	1154.2	1154.2	1154.2	1154.2
2.5°	1146.8	1146.8	1150.1	1154.2	1155.8	1159.1	1159.9	1159.9	1164.8	1164.0	1164.8
5°	1143.6	1143.6	1149.3	1156.6	1164.8	1174.6	1184.4	1190.1	1202.3	1204.8	1205.6
7.5°	1146.8	1147.7	1155.8	1168.1	1181.9	1199.9	1218.6	1234.1	1254.5	1261.9	1266.7
10°	1159.1	1159.9	1170.5	1187.6	1208.8	1234.9	1261.9	1286.3	1319.0	1333.6	1336.1
12.5°	1177.8	1178.7	1194.2	1221.9	1252.1	1284.7	1314.9	1345.9	1386.7	1408.7	1413.6
15°	1206.4	1203.9	1228.4	1269.2	1311.6	1352.4	1379.3	1409.5	1452.7	1481.3	1488.6
17.5°	1245.5	1247.2	1277.4	1329.6	1381.8	1423.4	1450.3	1467.4	1504.9	1534.3	1541.6
20°	1294.5	1301.8	1340.2	1400.5	1461.7	1505.7	1524.5	1522.1	1543.3	1568.6	1574.3
22.5°	1363.8	1368.7	1415.2	1482.9	1553.1	1598.7	1606.1	1579.2	1578.3	1594.7	1602.0
25°	1445.4	1449.5	1498.4	1576.7	1650.9	1699.1	1691.7	1645.2	1620.8	1621.6	1626.5
27.5°	1540.8	1549.0	1599.5	1679.5	1756.2	1800.2	1789.6	1721.9	1673.8	1659.1	1655.8
30°	1664.8	1673.8	1725.2	1801.8	1869.5	1908.7	1892.4	1806.7	1734.9	1710.5	1705.6
32.5°	1826.3	1825.5	1878.5	1952.7	2000.0	2025.3	1993.5	1896.5	1805.9	1773.3	1766.8
35°	1992.7	2000.9	2053.1	2124.8	2160.7	2162.4	2111.8	2002.5	1894.8	1838.5	1826.3
37.5°	2180.3	2184.4	2244.7	2312.4	2336.1	2323.1	2248.0	2126.5	2002.5	1942.9	1921.7
40°	2372.8	2376.9	2447.0	2512.3	2538.4	2507.4	2408.7	2263.5	2129.7	2064.5	2052.2
42.5°	2551.4	2562.0	2640.4	2717.0	2742.3	2706.4	2587.3	2413.6	2264.3	2201.5	2185.2
45°	2699.9	2711.3	2799.4	2897.3	2942.2	2912.8	2778.2	2582.4	2419.3	2351.6	2323.9
47.5°	2811.6	2826.3	2920.1	3037.6	3124.9	3119.2	2981.3	2761.1	2585.7	2505.8	2480.5
50°	2888.3	2903.8	3005.0	3131.4	3262.7	3306.8	3187.7	2958.5	2770.9	2681.1	2664.0
52.5°	2894.0	2907.9	3023.7	3181.1	3356.5	3453.6	3390.8	3166.5	2974.8	2881.8	2869.6
55°	2766.8	2776.6	2930.7	3140.4	3394.9	3566.1	3575.9	3393.2	3192.6	3098.8	3093.1
57.5°	2474.8	2488.6	2673.0	2950.3	3331.2	3638.7	3736.6	3630.6	3438.9	3350.8	3345.9
60°	1999.2	2017.2	2227.6	2596.3	3101.2	3620.0	3872.8	3853.3	3708.1	3622.4	3619.2
62.5°	1410.3	1416.8	1636.3	2042.5	2651.0	3421.0	3938.9	4070.2	3987.0	3900.6	3905.5
65°	828.7	837.7	998.4	1363.8	2010.6	2963.4	3824.7	4221.1	4210.5	4131.4	4139.6
67.5°	438.0	438.0	518.8	745.5	1264.3	2218.6	3370.4	4137.9	4276.6	4207.3	4211.3
70°	302.6	301.8	316.5	374.4	610.9	1375.2	2521.3	3702.4	4142.0	4115.9	4126.5
72.5°	256.1	254.5	255.3	263.5	310.8	621.5	1531.0	2851.6	3692.6	3732.5	3741.5
75°	224.3	221.9	220.2	218.6	222.7	282.2	698.2	1759.4	2737.4	2988.6	2983.8
77.5°	193.3	191.7	190.1	184.3	177.8	185.2	285.5	791.2	1407.9	1661.5	1643.6
80°	159.1	159.1	161.5	153.3	141.1	136.2	170.5	295.3	467.4	487.8	448.6
82.5°	124.8	124.8	137.0	125.6	110.9	98.7	118.3	157.4	190.1	154.2	125.6
85°	88.1	88.9	114.2	104.4	85.6	57.1	73.4	93.8	106.9	67.7	53.0
87.5°	35.9	38.3	71.0	56.3	53.8	28.5	34.3	41.6	53.0	28.5	22.8
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)