

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: P672850

Luminaire Tested: **CCP-SA-2D-750-U-RW**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672850  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-2D-750-U-RW  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ RW distribution lens  
Light Source: (32) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

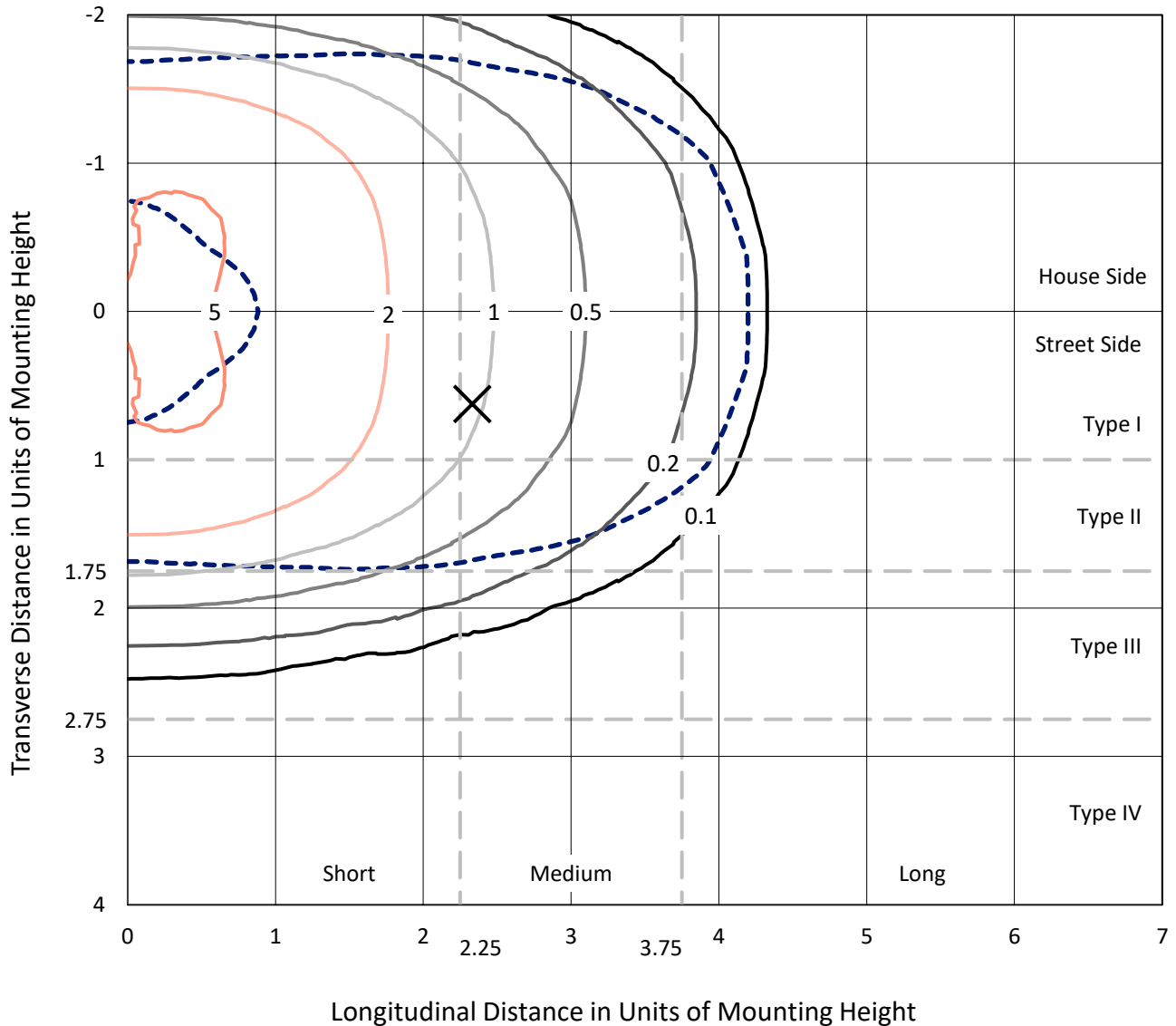
Lumens per Lamp: N/A  
Luminaire Lumens: 11604.8 lumens  
Efficiency: N/A  
Efficacy: 143.6 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B3 - U0 - G3

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

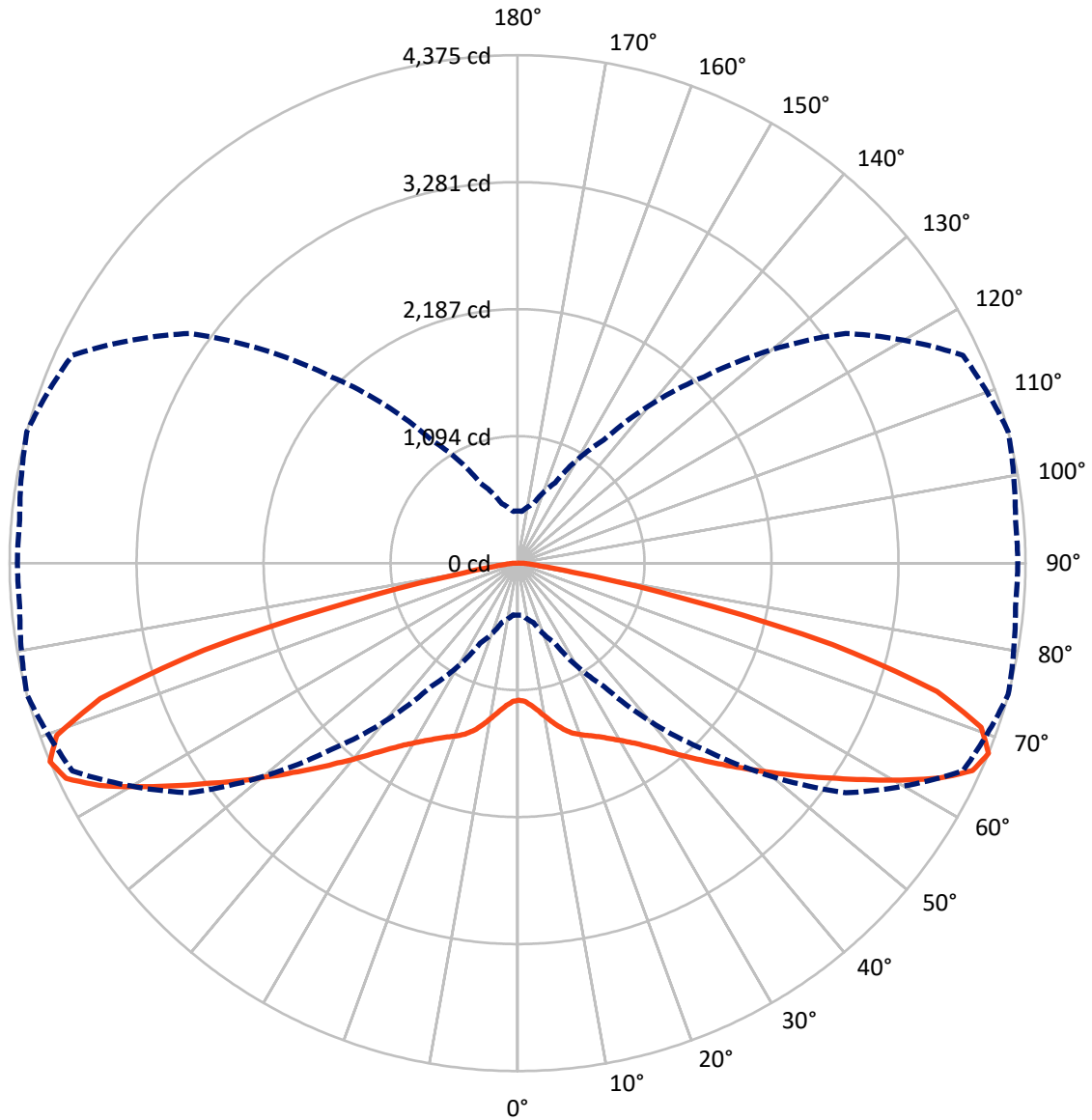
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 6.1 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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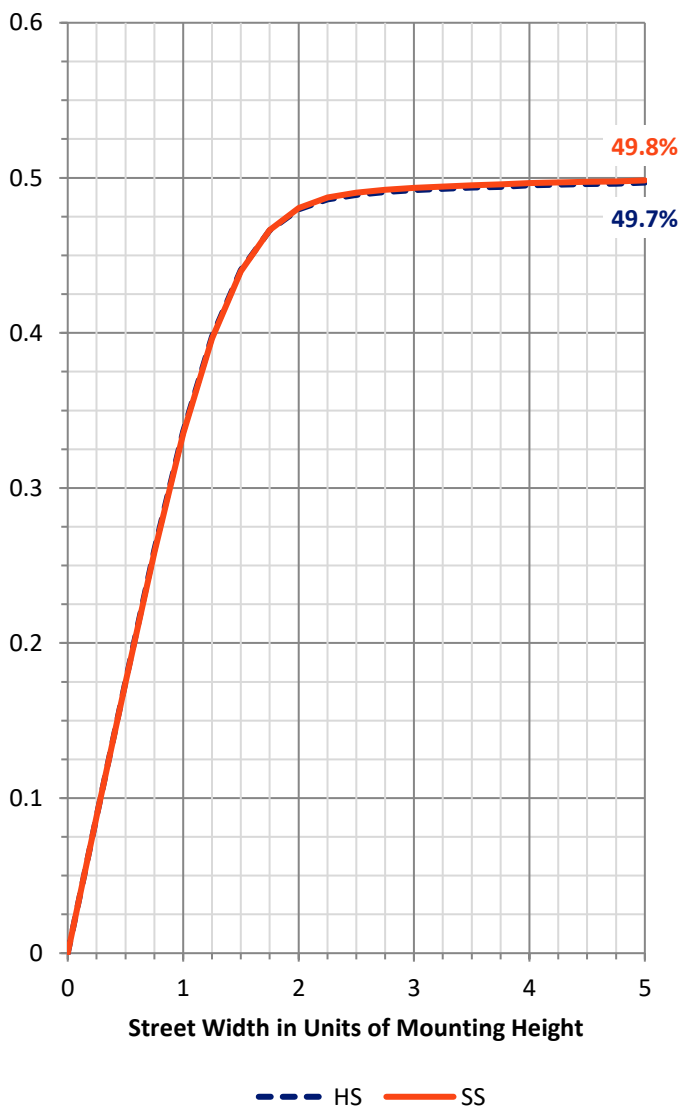
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5802.4	0.0	5802.4
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	5802.4	0.0	5802.4
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	11604.8	0.0	11604.8
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	116.8	1.0
10°-20°	393.7	3.4
20°-30°	768.6	6.6
30°-40°	1326.0	11.4
40°-50°	2148.0	18.5
50°-60°	2921.3	25.2
60°-70°	2695.0	23.2
70°-80°	1127.7	9.7
80°-90°	107.7	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°	11604.8	100.0
0°-180°	11604.8	100.0



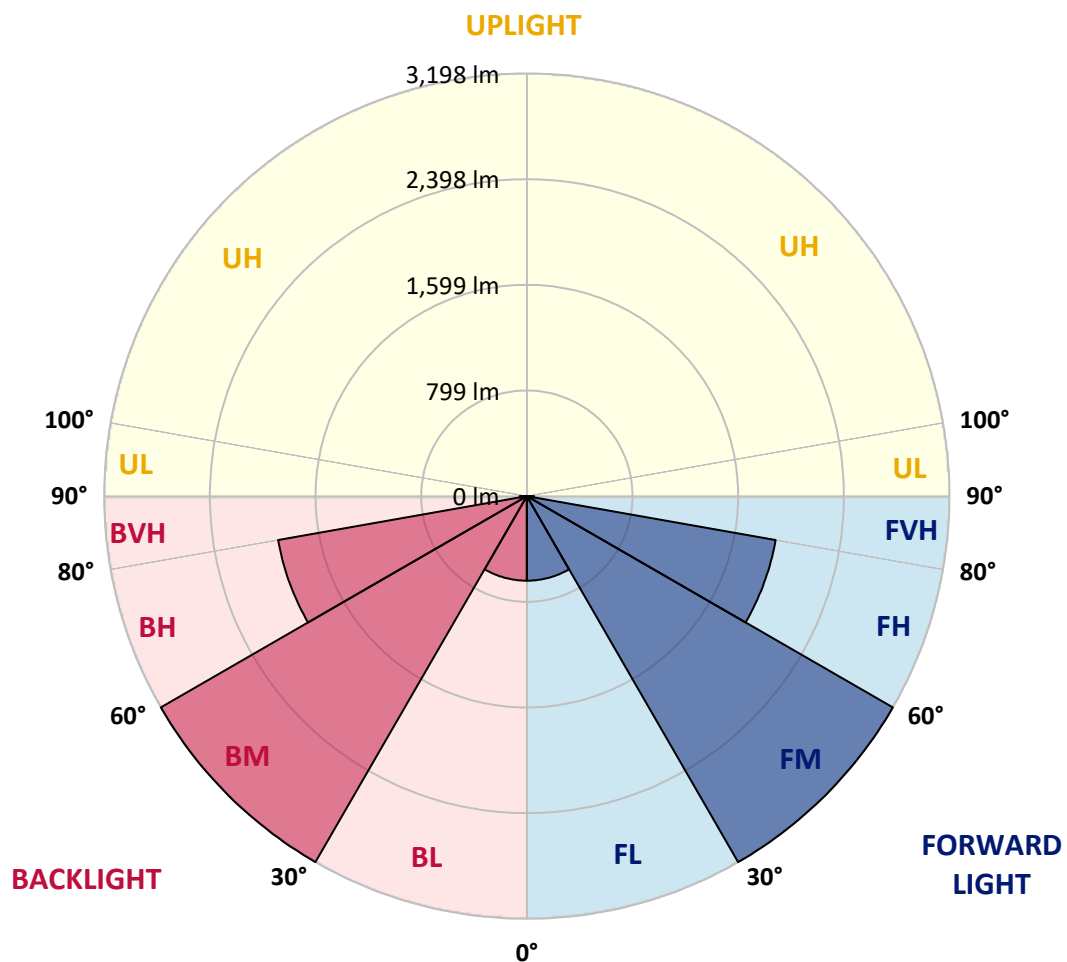
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 CATALOG NUMBER: CCP-SA-2D-750-U-RW

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	639.6	5.5			
FM (30°-60°)	3197.7	27.6			
FH (60°-80°)	1911.3	16.5			G2/5000
FVH (80°-90°)	53.8	0.5			G1/100
BL (0°-30°)	639.6	5.5	B2/1000		
BM (30°-60°)	3197.7	27.6	B3/5000		
BH (60°-80°)	1911.3	16.5	B3/2500		G3/2500
BVH (80°-90°)	53.8	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°	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6
2.5°	1173.1	1173.1	1176.4	1180.6	1182.3	1185.6	1186.5	1186.5	1191.5	1190.6	1191.5
5°	1169.8	1169.8	1175.6	1183.1	1191.5	1201.5	1211.5	1217.3	1229.8	1232.3	1233.2
7.5°	1173.1	1173.9	1182.3	1194.8	1209.0	1227.3	1246.5	1262.4	1283.2	1290.8	1295.8
10°	1185.6	1186.5	1197.3	1214.8	1236.5	1263.2	1290.8	1315.8	1349.2	1364.2	1366.7
12.5°	1204.8	1205.6	1221.5	1249.9	1280.7	1314.1	1345.0	1376.7	1418.4	1440.9	1445.9
15°	1234.0	1231.5	1256.5	1298.3	1341.6	1383.4	1410.9	1441.8	1486.0	1515.2	1522.7
17.5°	1274.1	1275.7	1306.6	1360.0	1413.4	1456.0	1483.5	1501.0	1539.4	1569.4	1576.9
20°	1324.1	1331.6	1370.8	1432.6	1495.2	1540.2	1559.4	1556.9	1578.6	1604.5	1610.3
22.5°	1395.0	1400.1	1447.6	1516.9	1588.6	1635.3	1642.9	1615.3	1614.5	1631.2	1638.7
25°	1478.5	1482.7	1532.7	1612.8	1688.7	1738.0	1730.5	1682.9	1657.9	1658.7	1663.7
27.5°	1576.1	1584.4	1636.2	1717.9	1796.4	1841.4	1830.6	1761.3	1712.1	1697.1	1693.7
30°	1702.9	1712.1	1764.7	1843.1	1912.3	1952.4	1935.7	1848.1	1774.7	1749.6	1744.6
32.5°	1868.1	1867.3	1921.5	1997.5	2045.8	2071.7	2039.2	1939.9	1847.3	1813.9	1807.2
35°	2038.3	2046.7	2100.1	2173.5	2210.2	2211.9	2160.2	2048.3	1938.2	1880.6	1868.1
37.5°	2230.2	2234.4	2296.2	2365.4	2389.6	2376.3	2299.5	2175.2	2048.3	1987.4	1965.7
40°	2427.1	2431.3	2503.1	2569.8	2596.5	2564.8	2463.9	2315.3	2178.5	2111.8	2099.2
42.5°	2609.9	2620.7	2700.8	2779.2	2805.1	2768.4	2646.6	2468.9	2316.2	2251.9	2235.2
45°	2761.7	2773.4	2863.5	2963.6	3009.5	2979.5	2841.8	2641.6	2474.7	2405.5	2377.1
47.5°	2876.0	2891.0	2987.0	3107.1	3196.4	3190.6	3049.6	2824.3	2644.9	2563.1	2537.3
50°	2954.5	2970.3	3073.8	3203.1	3337.4	3382.5	3260.7	3026.2	2834.3	2742.5	2725.0
52.5°	2960.3	2974.5	3093.0	3254.0	3433.4	3532.7	3468.4	3239.0	3042.9	2947.8	2935.3
55°	2830.1	2840.2	2997.8	3212.3	3472.6	3647.8	3657.8	3470.9	3265.7	3169.7	3163.9
57.5°	2531.4	2545.6	2734.2	3017.9	3407.5	3722.1	3822.2	3713.7	3517.7	3427.5	3422.5
60°	2045.0	2063.4	2278.6	2655.8	3172.2	3702.9	3961.5	3941.5	3793.0	3705.4	3702.0
62.5°	1442.6	1449.3	1673.7	2089.2	2711.7	3499.3	4029.1	4163.4	4078.3	3989.9	3994.9
65°	847.7	856.9	1021.3	1395.0	2056.7	3031.2	3912.3	4317.8	4307.0	4226.0	4234.4
67.5°	448.1	448.1	530.7	762.6	1293.3	2269.5	3447.6	4232.7	4374.5	4303.6	4307.8
70°	309.5	308.7	323.7	383.0	624.9	1406.7	2579.0	3787.1	4236.9	4210.2	4221.0
72.5°	262.0	260.3	261.2	269.5	317.9	635.8	1566.1	2916.9	3777.1	3818.0	3827.2
75°	229.4	226.9	225.3	223.6	227.8	288.7	714.2	1799.7	2800.1	3057.1	3052.1
77.5°	197.7	196.1	194.4	188.6	181.9	189.4	292.0	809.3	1440.1	1699.6	1681.2
80°	162.7	162.7	165.2	156.9	144.3	139.3	174.4	302.0	478.1	498.9	458.9
82.5°	127.7	127.7	140.2	128.5	113.5	101.0	121.0	161.0	194.4	157.7	128.5
85°	90.1	90.9	116.8	106.8	87.6	58.4	75.1	96.0	109.3	69.3	54.2
87.5°	36.7	39.2	72.6	57.6	55.1	29.2	35.0	42.6	54.2	29.2	23.4
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)