

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: P672836

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

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672836  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-2A-740-U-RW  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ RW distribution lens  
Light Source: (32) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

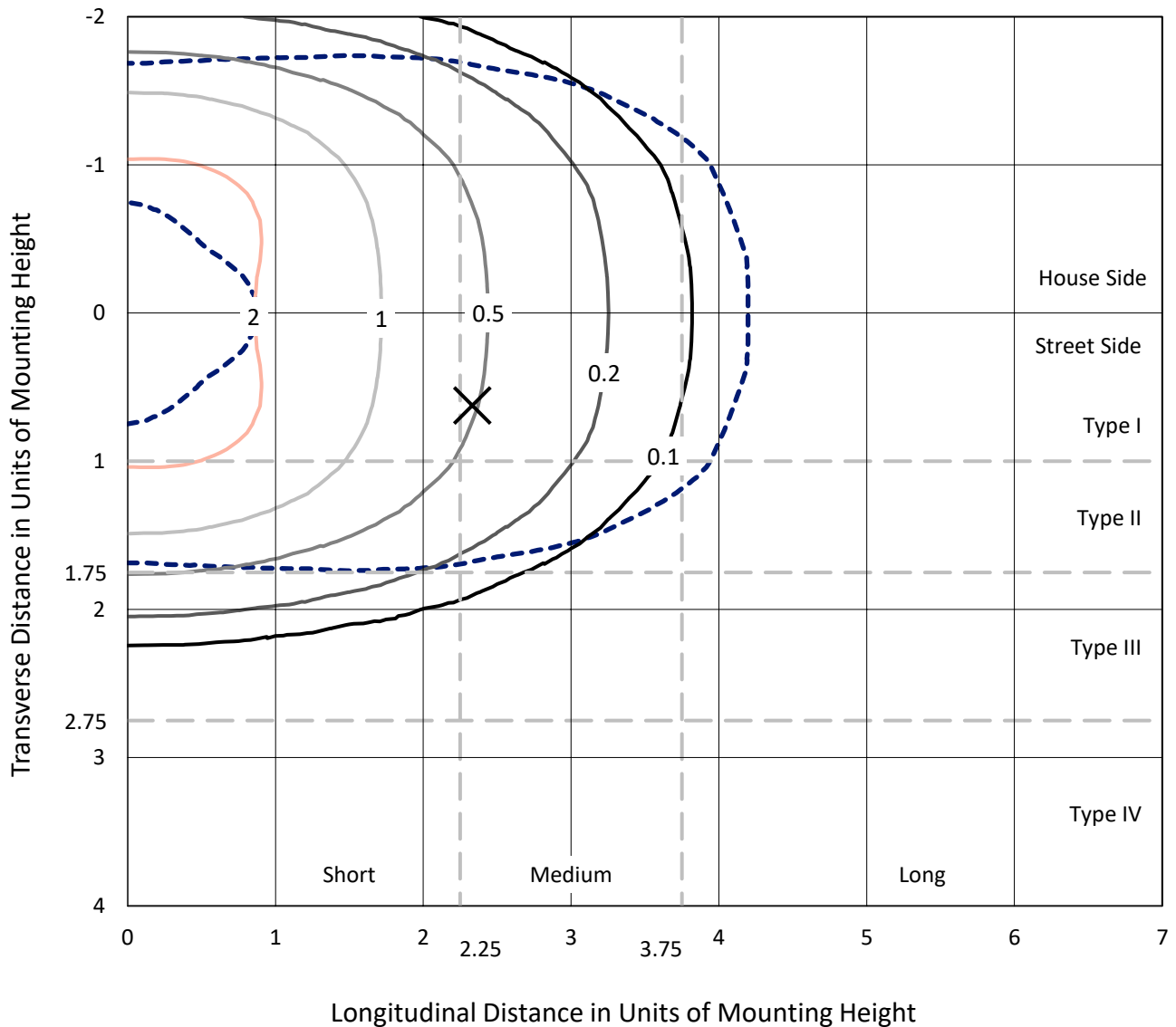
Lumens per Lamp: N/A  
Luminaire Lumens: 5565.9 lumens  
Efficiency: N/A  
Efficacy: 153.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B2 - U0 - G2

Input Watts (W): 36.2  
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

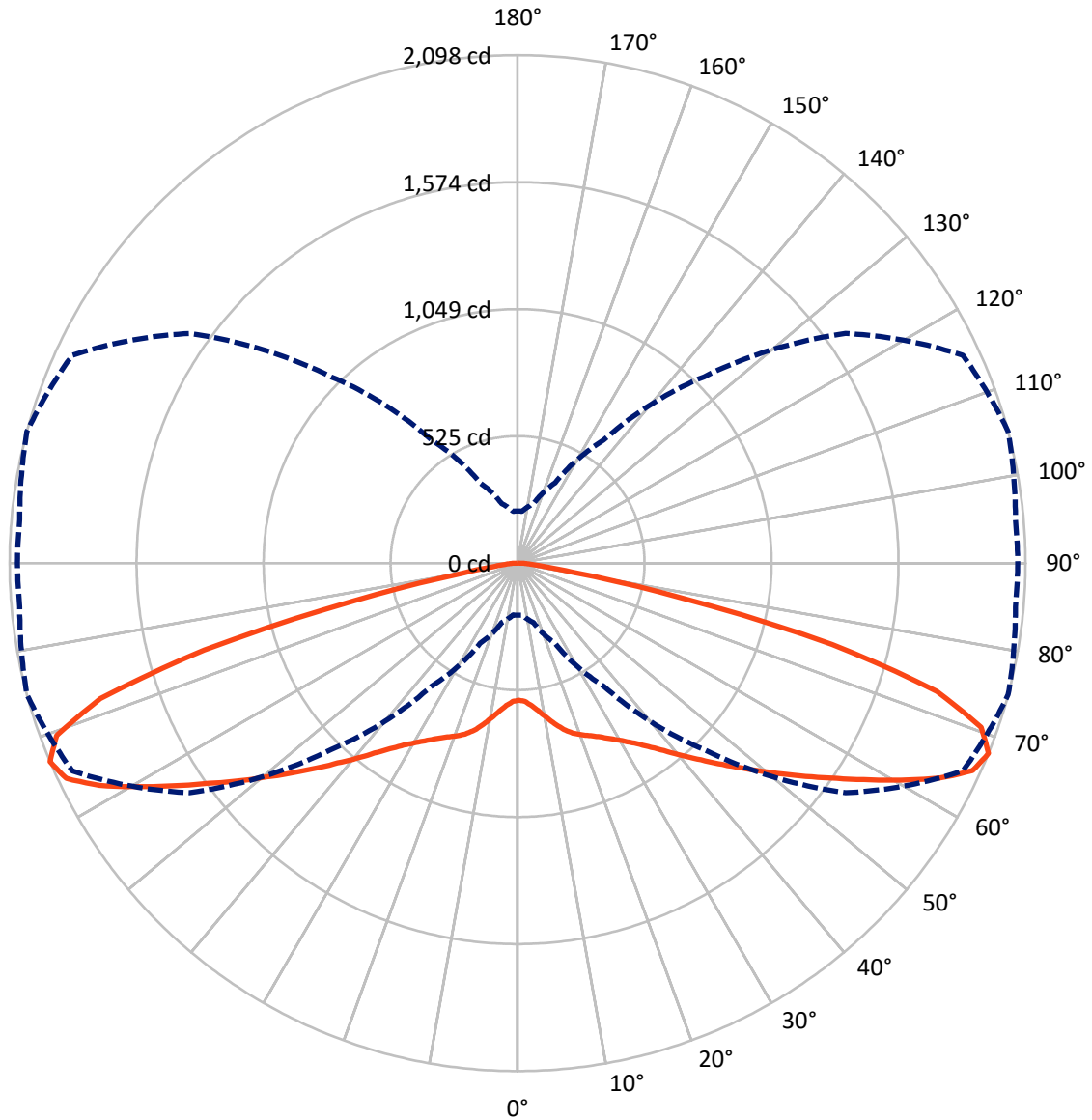
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.9 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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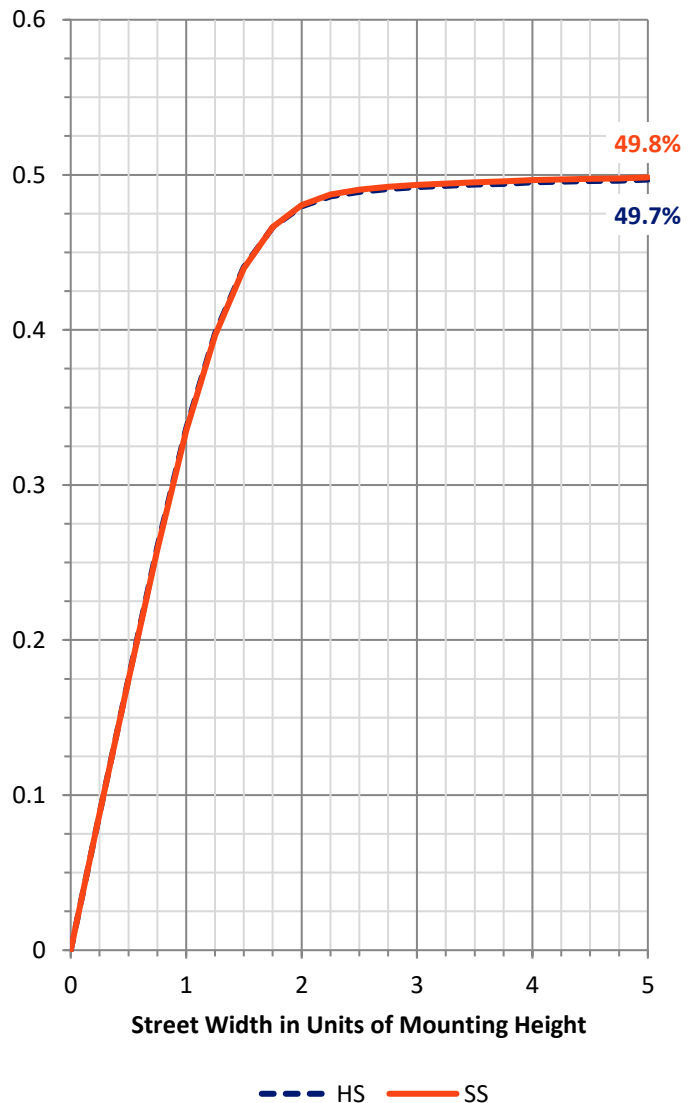
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2783.0	0.0	2783.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2783.0	0.0	2783.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	5565.9	0.0	5565.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	56.0	1.0
10°-20°	188.8	3.4
20°-30°	368.7	6.6
30°-40°	636.0	11.4
40°-50°	1030.2	18.5
50°-60°	1401.1	25.2
60°-70°	1292.6	23.2
70°-80°	540.9	9.7
80°-90°	51.6	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°	5565.9	100.0
0°-180°	5565.9	100.0



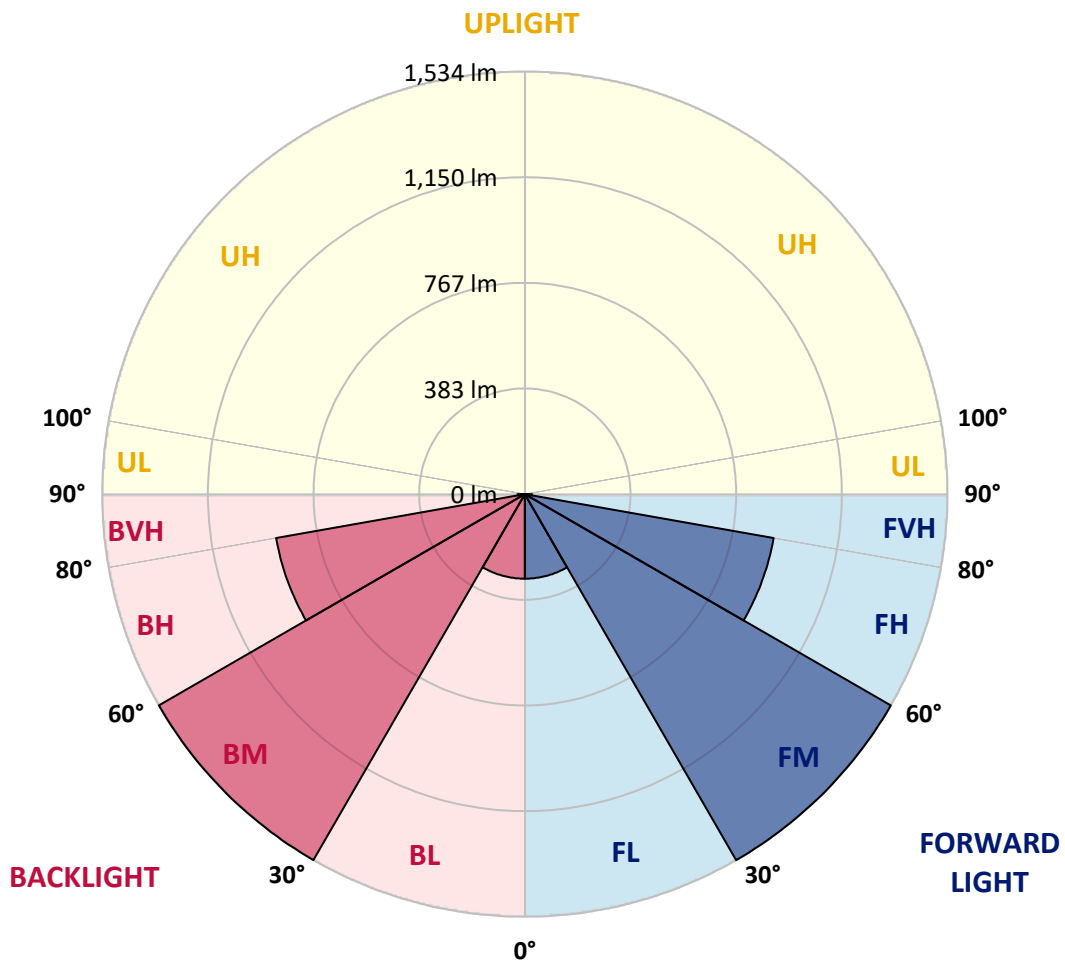
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	306.8	5.5			
FM (30°-60°)	1533.7	27.6			
FH (60°-80°)	916.7	16.5			G1/1800
FVH (80°-90°)	25.8	0.5			G1/100
BL (0°-30°)	306.8	5.5	B1/500		
BM (30°-60°)	1533.7	27.6	B2/2500		
BH (60°-80°)	916.7	16.5	B2/1000		G2/1000
BVH (80°-90°)	25.8	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G2**

Type II Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3	566.3
2.5°	562.6	562.6	564.3	566.3	567.1	568.7	569.1	569.1	571.5	571.1	571.5
5°	561.0	561.0	563.9	567.5	571.5	576.3	581.1	583.9	589.9	591.1	591.5
7.5°	562.6	563.0	567.1	573.1	579.9	588.7	597.9	605.5	615.5	619.1	621.5
10°	568.7	569.1	574.3	582.7	593.1	605.9	619.1	631.1	647.1	654.3	655.5
12.5°	577.9	578.3	585.9	599.5	614.3	630.3	645.1	660.3	680.3	691.1	693.5
15°	591.9	590.7	602.7	622.7	643.5	663.5	676.7	691.5	712.7	726.7	730.3
17.5°	611.1	611.9	626.7	652.3	677.9	698.3	711.5	719.9	738.3	752.7	756.3
20°	635.1	638.7	657.5	687.1	717.1	738.7	747.9	746.7	757.1	769.5	772.3
22.5°	669.1	671.5	694.3	727.5	761.9	784.3	787.9	774.7	774.3	782.3	785.9
25°	709.1	711.1	735.1	773.5	810.0	833.6	830.0	807.2	795.2	795.6	798.0
27.5°	755.9	759.9	784.7	824.0	861.6	883.2	878.0	844.8	821.2	814.0	812.4
30°	816.8	821.2	846.4	884.0	917.2	936.4	928.4	886.4	851.2	839.2	836.8
32.5°	896.0	895.6	921.6	958.0	981.2	993.6	978.0	930.4	886.0	870.0	866.8
35°	977.6	981.6	1007.2	1042.5	1060.1	1060.9	1036.1	982.4	929.6	902.0	896.0
37.5°	1069.7	1071.7	1101.3	1134.5	1146.1	1139.7	1102.9	1043.3	982.4	953.2	942.8
40°	1164.1	1166.1	1200.5	1232.5	1245.4	1230.1	1181.7	1110.5	1044.9	1012.8	1006.8
42.5°	1251.8	1257.0	1295.4	1333.0	1345.4	1327.8	1269.4	1184.1	1110.9	1080.1	1072.1
45°	1324.6	1330.2	1373.4	1421.4	1443.4	1429.0	1363.0	1267.0	1186.9	1153.7	1140.1
47.5°	1379.4	1386.6	1432.6	1490.3	1533.1	1530.3	1462.6	1354.6	1268.6	1229.3	1216.9
50°	1417.0	1424.6	1474.3	1536.3	1600.7	1622.3	1563.9	1451.4	1359.4	1315.4	1307.0
52.5°	1419.8	1426.6	1483.5	1560.7	1646.7	1694.4	1663.5	1553.5	1459.4	1413.8	1407.8
55°	1357.4	1362.2	1437.8	1540.7	1665.5	1749.6	1754.4	1664.7	1566.3	1520.3	1517.5
57.5°	1214.1	1220.9	1311.4	1447.4	1634.3	1785.2	1833.2	1781.2	1687.1	1643.9	1641.5
60°	980.8	989.6	1092.9	1273.8	1521.5	1776.0	1900.0	1890.4	1819.2	1777.2	1775.6
62.5°	691.9	695.1	802.8	1002.0	1300.6	1678.3	1932.5	1996.9	1956.1	1913.6	1916.0
65°	406.6	411.0	489.8	669.1	986.4	1453.8	1876.4	2070.9	2065.7	2026.9	2030.9
67.5°	214.9	214.9	254.5	365.8	620.3	1088.5	1653.5	2030.1	2098.1	2064.1	2066.1
70°	148.5	148.1	155.3	183.7	299.7	674.7	1236.9	1816.4	2032.1	2019.3	2024.5
72.5°	125.7	124.9	125.3	129.3	152.5	304.9	751.1	1399.0	1811.6	1831.2	1835.6
75°	110.0	108.8	108.0	107.2	109.2	138.5	342.6	863.2	1343.0	1466.3	1463.8
77.5°	94.8	94.0	93.2	90.4	87.2	90.8	140.1	388.2	690.7	815.2	806.4
80°	78.0	78.0	79.2	75.2	69.2	66.8	83.6	144.9	229.3	239.3	220.1
82.5°	61.2	61.2	67.2	61.6	54.4	48.4	58.0	77.2	93.2	75.6	61.6
85°	43.2	43.6	56.0	51.2	42.0	28.0	36.0	46.0	52.4	33.2	26.0
87.5°	17.6	18.8	34.8	27.6	26.4	14.0	16.8	20.4	26.0	14.0	11.2
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)