

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: P672803

Luminaire Tested: **CCP-SA-2A-727-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672803
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-727-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ RW distribution lens
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

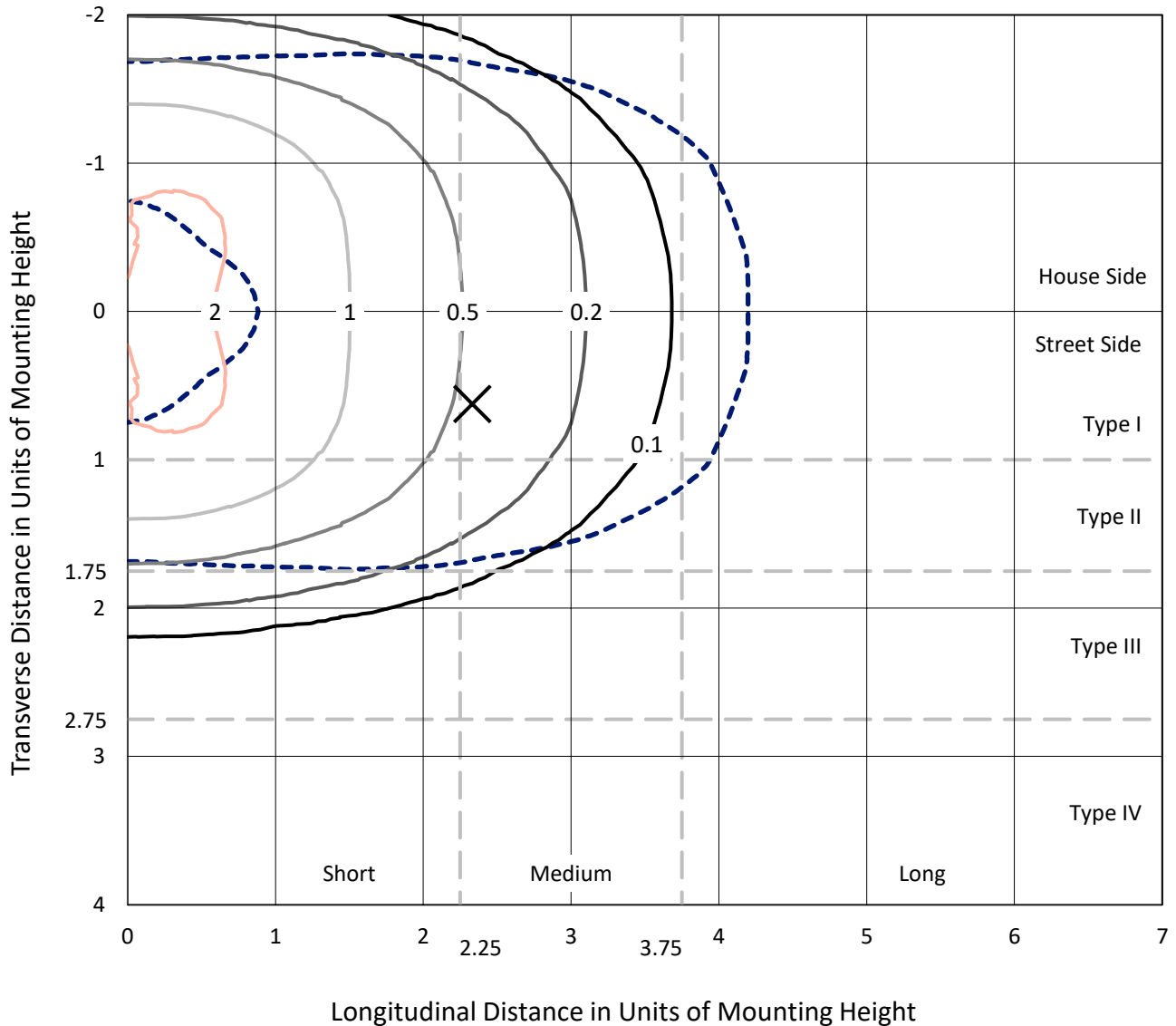
Lumens per Lamp: N/A
Luminaire Lumens: 4654.8 lumens
Efficiency: N/A
Efficacy: 128.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

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

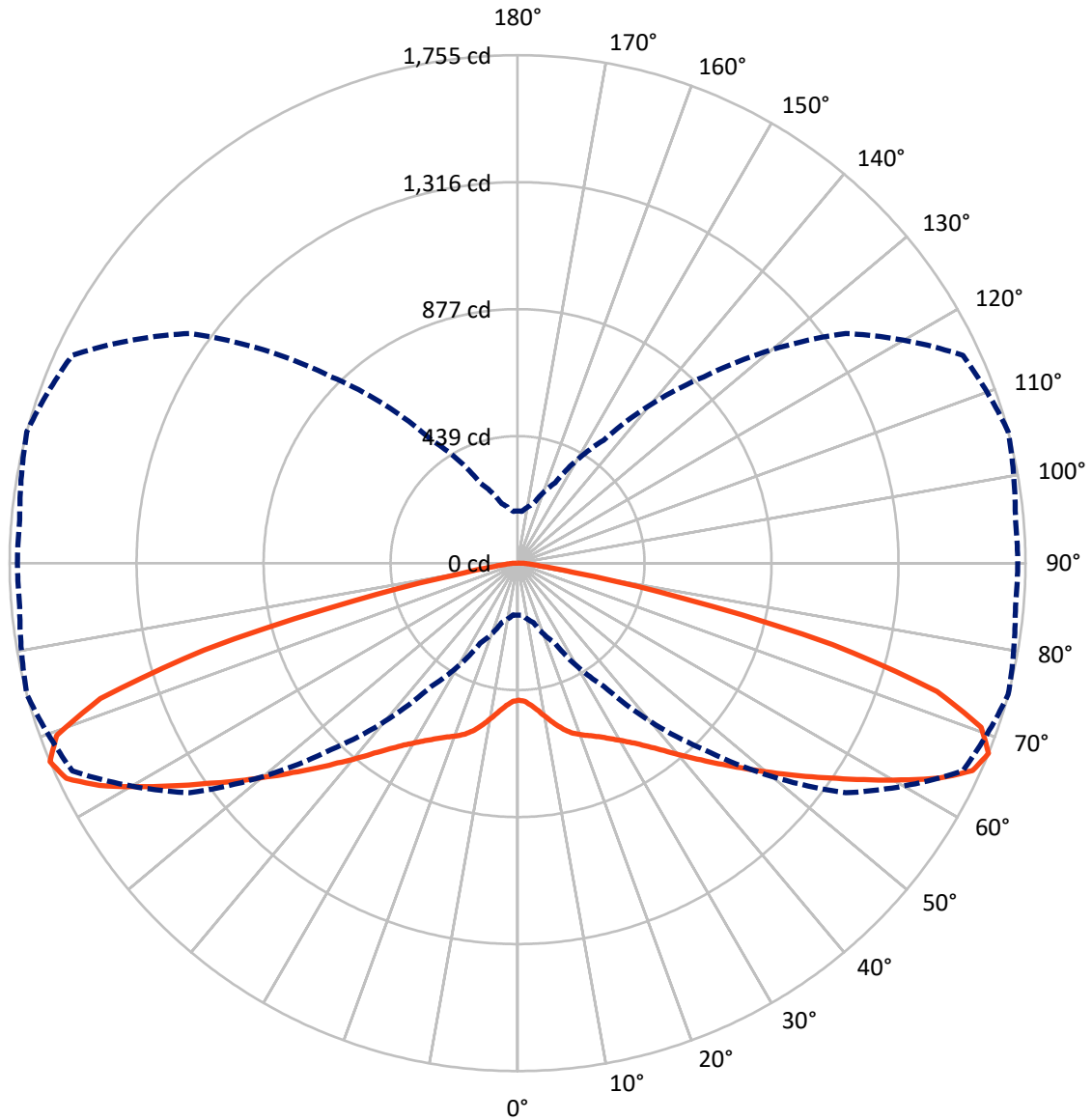
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.4 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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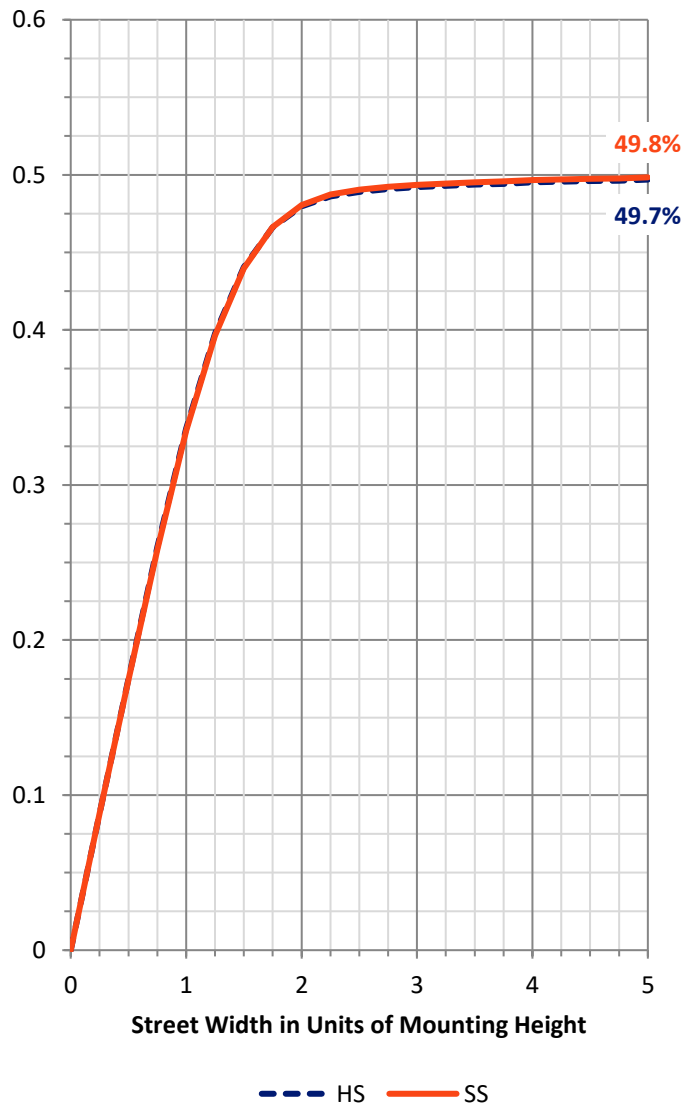
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2327.4	0.0	2327.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2327.4	0.0	2327.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	4654.8	0.0	4654.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.9	1.0
10°-20°	157.9	3.4
20°-30°	308.3	6.6
30°-40°	531.9	11.4
40°-50°	861.6	18.5
50°-60°	1171.8	25.2
60°-70°	1081.0	23.2
70°-80°	452.3	9.7
80°-90°	43.2	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°	4654.8	100.0
0°-180°	4654.8	100.0



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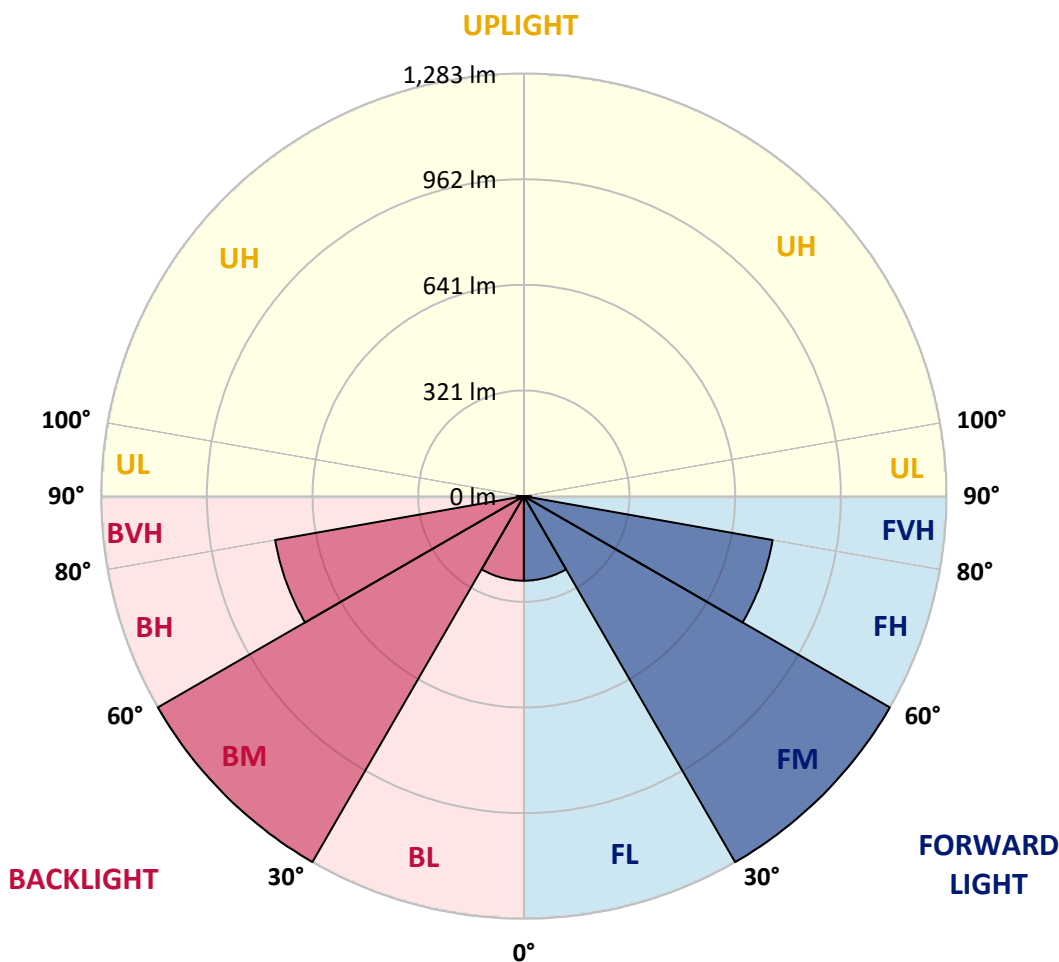
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	256.5	5.5			
FM (30°-60°)	1282.6	27.6			
FH (60°-80°)	766.7	16.5			G1/1800
FVH (80°-90°)	21.6	0.5			G1/100
BL (0°-30°)	256.5	5.5	B1/500		
BM (30°-60°)	1282.6	27.6	B2/2500		
BH (60°-80°)	766.7	16.5	B2/1000		G2/1000
BVH (80°-90°)	21.6	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	473.6	473.6	473.6	473.6	473.6	473.6	473.6	473.6	473.6	473.6	473.6
2.5°	470.5	470.5	471.9	473.6	474.2	475.6	475.9	475.9	477.9	477.6	477.9
5°	469.2	469.2	471.5	474.6	477.9	481.9	485.9	488.3	493.3	494.3	494.6
7.5°	470.5	470.9	474.2	479.2	484.9	492.3	500.0	506.4	514.7	517.7	519.7
10°	475.6	475.9	480.2	487.3	496.0	506.7	517.7	527.8	541.2	547.2	548.2
12.5°	483.3	483.6	490.0	501.3	513.7	527.1	539.5	552.2	568.9	578.0	580.0
15°	495.0	494.0	504.0	520.7	538.1	554.9	565.9	578.3	596.0	607.8	610.8
17.5°	511.0	511.7	524.1	545.5	566.9	584.0	595.0	602.1	617.5	629.5	632.5
20°	531.1	534.1	549.9	574.6	599.7	617.8	625.5	624.5	633.2	643.6	645.9
22.5°	559.6	561.6	580.6	608.4	637.2	656.0	659.0	647.9	647.6	654.3	657.3
25°	593.0	594.7	614.8	646.9	677.4	697.1	694.1	675.0	665.0	665.3	667.3
27.5°	632.2	635.5	656.3	689.1	720.5	738.6	734.3	706.5	686.7	680.7	679.4
30°	683.1	686.7	707.8	739.3	767.1	783.1	776.4	741.3	711.8	701.8	699.8
32.5°	749.3	749.0	770.7	801.2	820.6	831.0	817.9	778.1	741.0	727.6	724.9
35°	817.6	820.9	842.4	871.8	886.5	887.2	866.5	821.6	777.4	754.3	749.3
37.5°	894.6	896.2	921.0	948.8	958.5	953.1	922.3	872.5	821.6	797.2	788.5
40°	973.6	975.2	1004.0	1030.8	1041.5	1028.8	988.3	928.7	873.8	847.0	842.0
42.5°	1046.8	1051.2	1083.3	1114.8	1125.2	1110.4	1061.6	990.3	929.0	903.3	896.6
45°	1107.8	1112.4	1148.6	1188.7	1207.1	1195.1	1139.9	1059.6	992.6	964.8	953.5
47.5°	1153.6	1159.6	1198.1	1246.3	1282.1	1279.8	1223.2	1132.9	1060.9	1028.1	1017.7
50°	1185.1	1191.4	1232.9	1284.8	1338.7	1356.7	1307.9	1213.8	1136.9	1100.1	1093.0
52.5°	1187.4	1193.1	1240.6	1305.2	1377.2	1417.0	1391.2	1299.2	1220.5	1182.4	1177.4
55°	1135.2	1139.2	1202.5	1288.5	1392.9	1463.2	1467.2	1392.2	1309.9	1271.4	1269.1
57.5°	1015.4	1021.1	1096.7	1210.5	1366.8	1493.0	1533.1	1489.6	1411.0	1374.8	1372.8
60°	820.3	827.6	914.0	1065.2	1272.4	1485.3	1589.0	1581.0	1521.4	1486.3	1484.9
62.5°	578.6	581.3	671.3	838.0	1087.7	1403.6	1616.1	1670.0	1635.9	1600.4	1602.4
65°	340.0	343.7	409.6	559.6	825.0	1215.9	1569.3	1731.9	1727.6	1695.1	1698.4
67.5°	179.7	179.7	212.8	305.9	518.7	910.3	1382.8	1697.8	1754.7	1726.2	1727.9
70°	124.2	123.8	129.9	153.6	250.7	564.3	1034.5	1519.1	1699.4	1688.7	1693.1
72.5°	105.1	104.4	104.8	108.1	127.5	255.0	628.2	1170.0	1515.0	1531.4	1535.1
75°	92.0	91.0	90.4	89.7	91.4	115.8	286.5	721.9	1123.1	1226.2	1224.2
77.5°	79.3	78.6	78.0	75.6	73.0	76.0	117.1	324.6	577.6	681.7	674.4
80°	65.3	65.3	66.3	62.9	57.9	55.9	69.9	121.1	191.8	200.1	184.1
82.5°	51.2	51.2	56.2	51.5	45.5	40.5	48.5	64.6	78.0	63.3	51.5
85°	36.1	36.5	46.9	42.8	35.1	23.4	30.1	38.5	43.8	27.8	21.8
87.5°	14.7	15.7	29.1	23.1	22.1	11.7	14.1	17.1	21.8	11.7	9.4
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)