

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: P672869

Luminaire Tested: **CCP-SA-2A-827-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672869
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-827-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ RW distribution lens
Light Source: (32) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

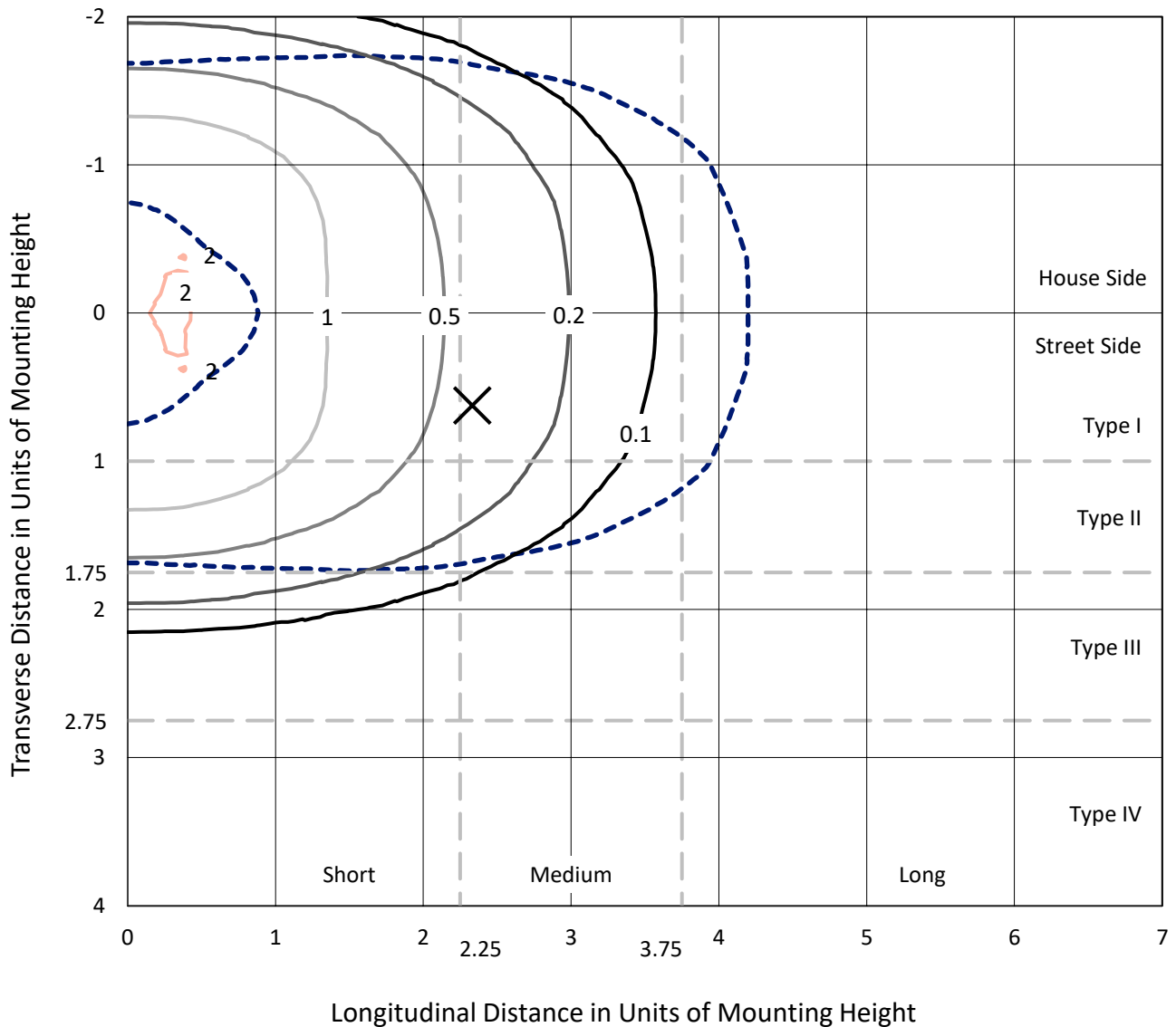
Lumens per Lamp: N/A
Luminaire Lumens: 4091.5 lumens
Efficiency: N/A
Efficacy: 113.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

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

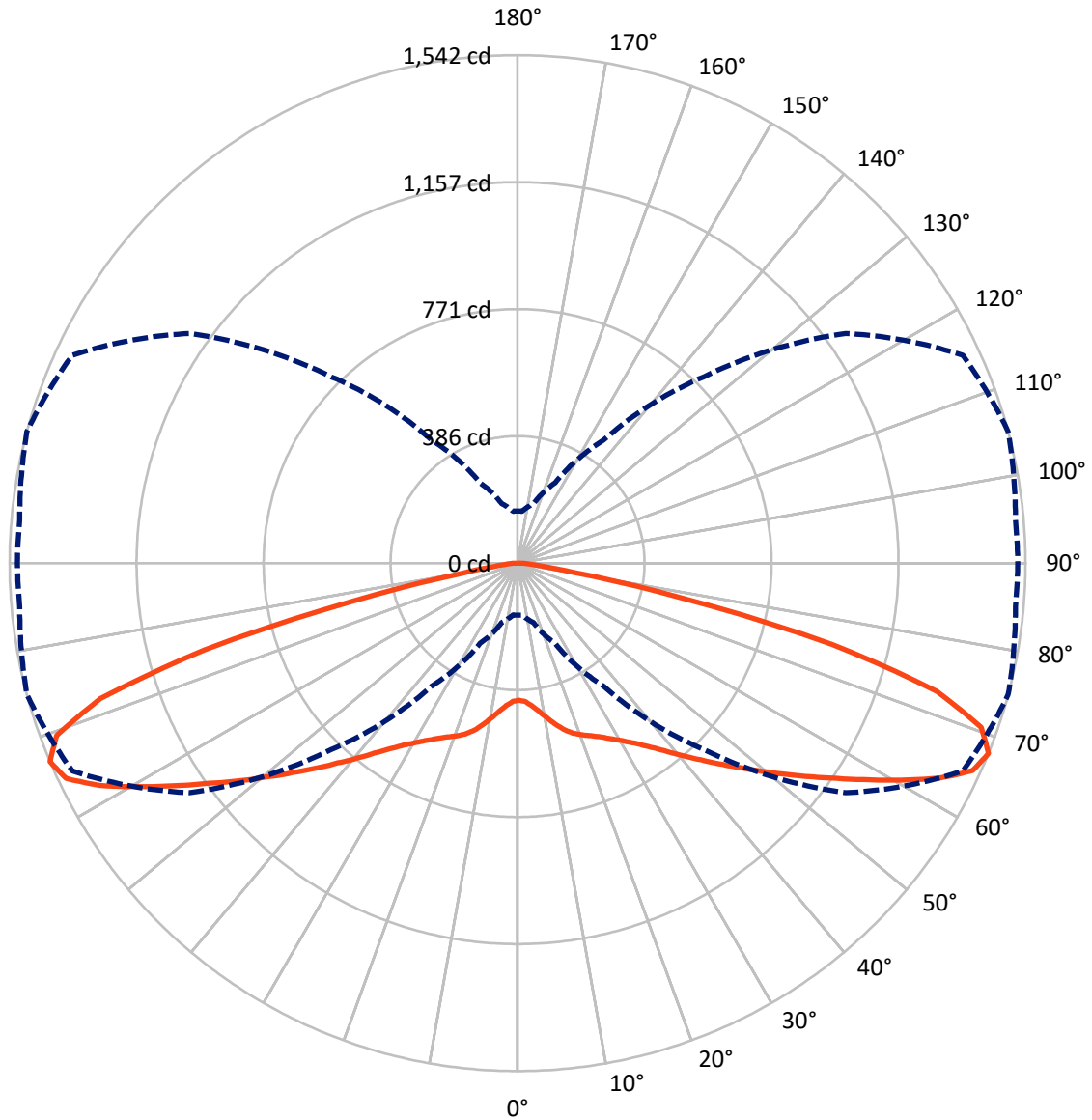
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.1 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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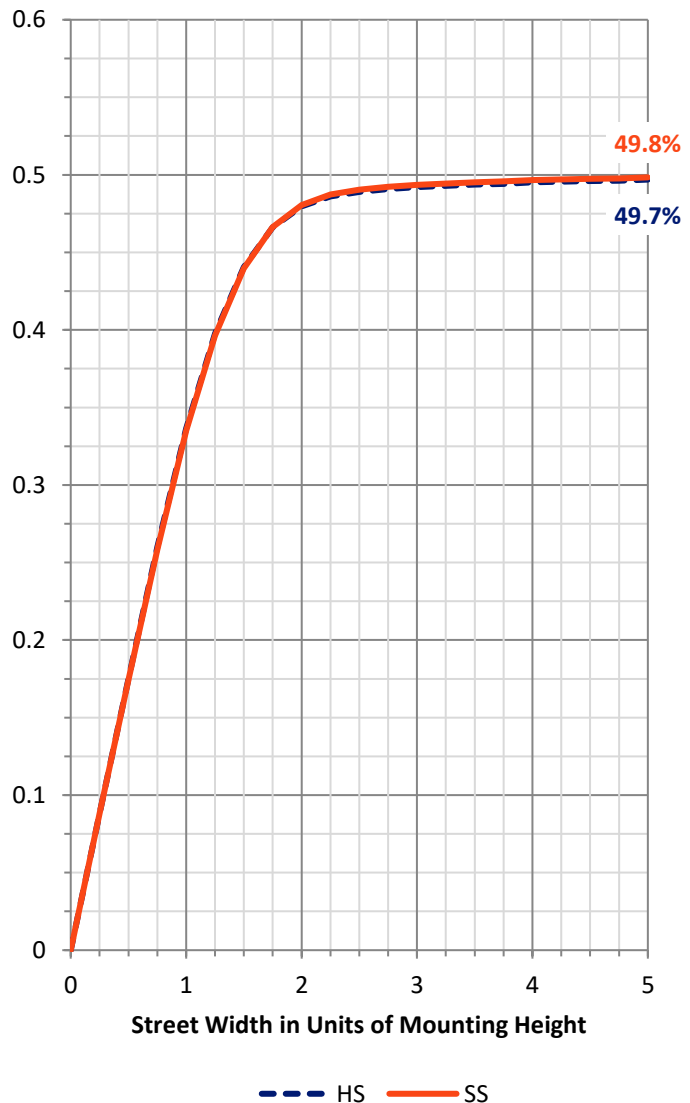
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2045.8	0.0	2045.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2045.8	0.0	2045.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	4091.5	0.0	4091.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.2	1.0
10°-20°	138.8	3.4
20°-30°	271.0	6.6
30°-40°	467.5	11.4
40°-50°	757.3	18.5
50°-60°	1030.0	25.2
60°-70°	950.2	23.2
70°-80°	397.6	9.7
80°-90°	38.0	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°	4091.5	100.0
0°-180°	4091.5	100.0



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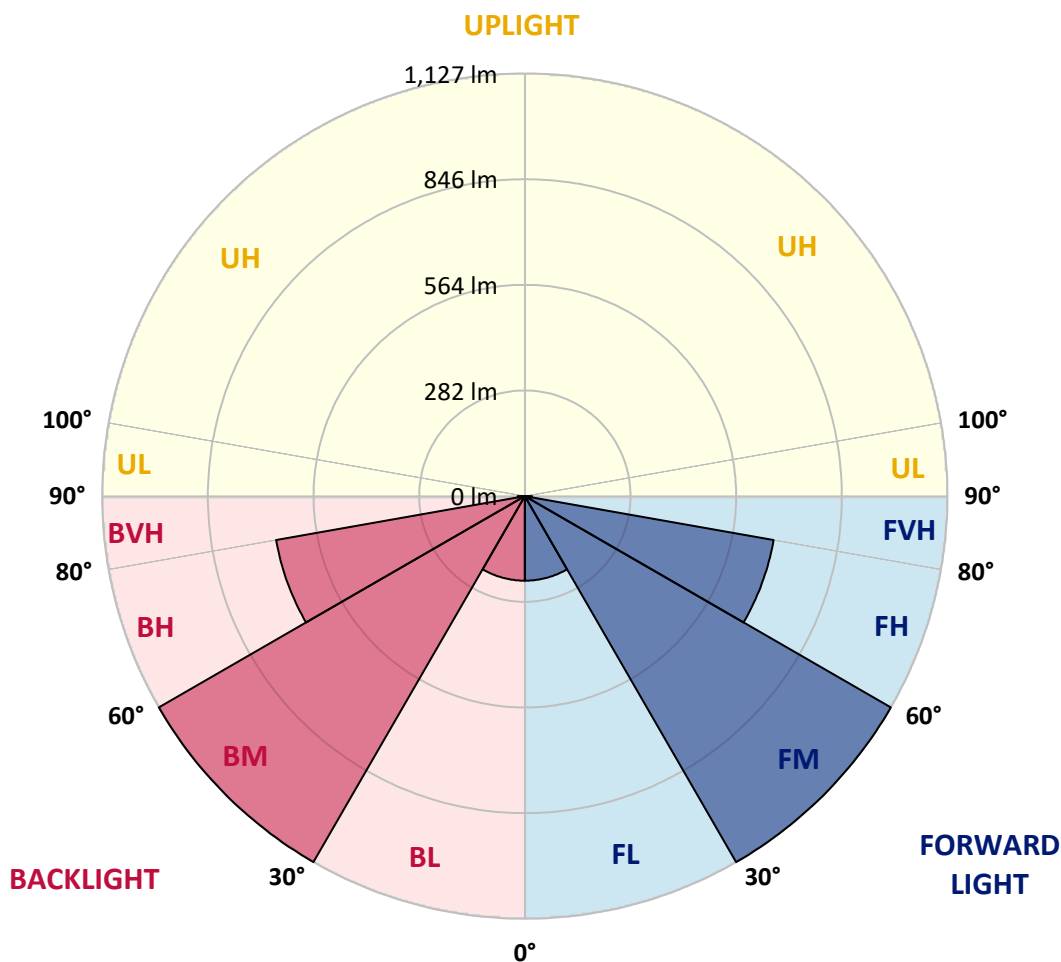
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	225.5	5.5			
FM (30°-60°)	1127.4	27.6			
FH (60°-80°)	673.9	16.5			G1/1800
FVH (80°-90°)	19.0	0.5			G1/100
BL (0°-30°)	225.5	5.5	B1/500		
BM (30°-60°)	1127.4	27.6	B2/2500		
BH (60°-80°)	673.9	16.5	B2/1000		G2/1000
BVH (80°-90°)	19.0	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°	416.3	416.3	416.3	416.3	416.3	416.3	416.3	416.3	416.3	416.3	416.3
2.5°	413.6	413.6	414.8	416.3	416.8	418.0	418.3	418.3	420.1	419.8	420.1
5°	412.4	412.4	414.5	417.1	420.1	423.6	427.1	429.2	433.6	434.5	434.8
7.5°	413.6	413.9	416.8	421.3	426.3	432.7	439.5	445.1	452.4	455.1	456.8
10°	418.0	418.3	422.1	428.3	436.0	445.4	455.1	463.9	475.7	481.0	481.9
12.5°	424.8	425.1	430.7	440.7	451.6	463.3	474.2	485.4	500.1	508.0	509.8
15°	435.1	434.2	443.0	457.7	473.0	487.7	497.4	508.3	523.9	534.2	536.9
17.5°	449.2	449.8	460.7	479.5	498.3	513.3	523.0	529.2	542.7	553.3	556.0
20°	466.8	469.5	483.3	505.1	527.2	543.0	549.8	548.9	556.6	565.7	567.7
22.5°	491.9	493.6	510.4	534.8	560.1	576.6	579.2	569.5	569.2	575.1	577.8
25°	521.3	522.7	540.4	568.6	595.4	612.8	610.1	593.3	584.5	584.8	586.6
27.5°	555.7	558.6	576.9	605.7	633.3	649.2	645.4	621.0	603.6	598.3	597.2
30°	600.4	603.6	622.2	649.8	674.2	688.4	682.5	651.6	625.7	616.9	615.1
32.5°	658.6	658.4	677.5	704.2	721.3	730.4	719.0	683.9	651.3	639.5	637.2
35°	718.7	721.6	740.4	766.3	779.3	779.8	761.6	722.2	683.4	663.1	658.6
37.5°	786.3	787.8	809.6	834.0	842.5	837.8	810.7	766.9	722.2	700.7	693.1
40°	855.7	857.2	882.5	906.0	915.5	904.3	868.7	816.3	768.1	744.5	740.1
42.5°	920.2	924.0	952.2	979.9	989.0	976.1	933.1	870.5	816.6	794.0	788.1
45°	973.7	977.8	1009.6	1044.9	1061.1	1050.5	1001.9	931.3	872.5	848.1	838.1
47.5°	1014.0	1019.3	1053.1	1095.5	1127.0	1124.9	1075.2	995.8	932.5	903.7	894.6
50°	1041.7	1047.2	1083.7	1129.3	1176.7	1192.6	1149.6	1067.0	999.3	966.9	960.8
52.5°	1043.7	1048.7	1090.5	1147.3	1210.5	1245.5	1222.9	1142.0	1072.8	1039.3	1034.9
55°	997.8	1001.4	1057.0	1132.6	1224.3	1286.1	1289.6	1223.7	1151.4	1117.6	1115.5
57.5°	892.5	897.5	964.0	1064.0	1201.4	1312.3	1347.6	1309.4	1240.2	1208.5	1206.7
60°	721.0	727.5	803.4	936.3	1118.4	1305.5	1396.7	1389.7	1337.3	1306.4	1305.2
62.5°	508.6	511.0	590.1	736.6	956.1	1233.8	1420.5	1467.9	1437.9	1406.7	1408.5
65°	298.9	302.1	360.1	491.9	725.1	1068.7	1379.4	1522.3	1518.5	1490.0	1492.9
67.5°	158.0	158.0	187.1	268.9	456.0	800.1	1215.5	1492.3	1542.3	1517.3	1518.8
70°	109.1	108.8	114.1	135.0	220.3	496.0	909.3	1335.2	1493.8	1484.4	1488.2
72.5°	92.4	91.8	92.1	95.0	112.1	224.2	552.2	1028.4	1331.7	1346.1	1349.4
75°	80.9	80.0	79.4	78.8	80.3	101.8	251.8	634.5	987.2	1077.8	1076.1
77.5°	69.7	69.1	68.5	66.5	64.1	66.8	103.0	285.3	507.7	599.2	592.8
80°	57.4	57.4	58.2	55.3	50.9	49.1	61.5	106.5	168.6	175.9	161.8
82.5°	45.0	45.0	49.4	45.3	40.0	35.6	42.7	56.8	68.5	55.6	45.3
85°	31.8	32.1	41.2	37.7	30.9	20.6	26.5	33.8	38.5	24.4	19.1
87.5°	12.9	13.8	25.6	20.3	19.4	10.3	12.4	15.0	19.1	10.3	8.2
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)