

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: P672891

Luminaire Tested: **CCP-SA-2A-835-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672891
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-835-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ RW distribution lens
Light Source: (32) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

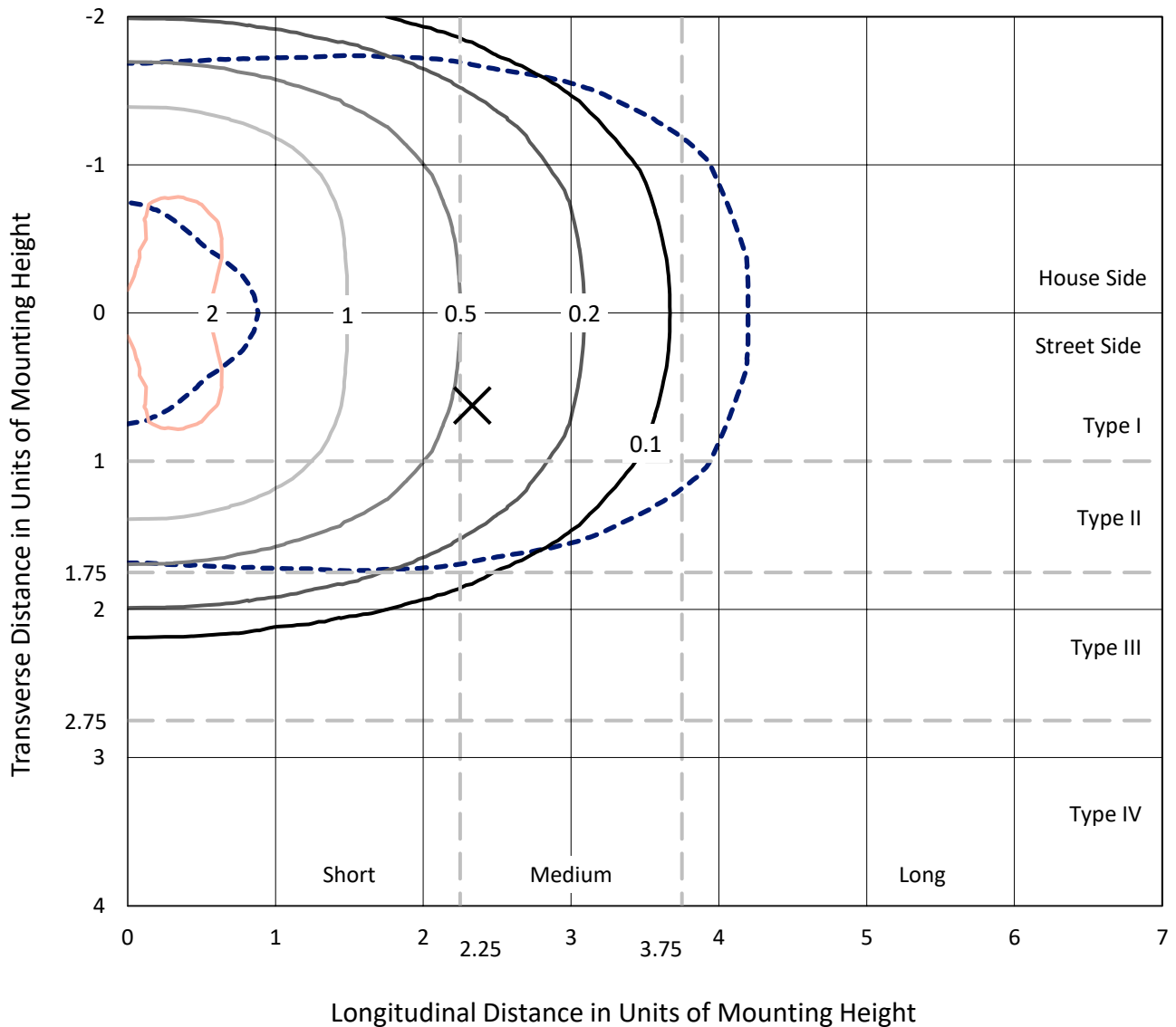
Lumens per Lamp: N/A
Luminaire Lumens: 4586.3 lumens
Efficiency: N/A
Efficacy: 126.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

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

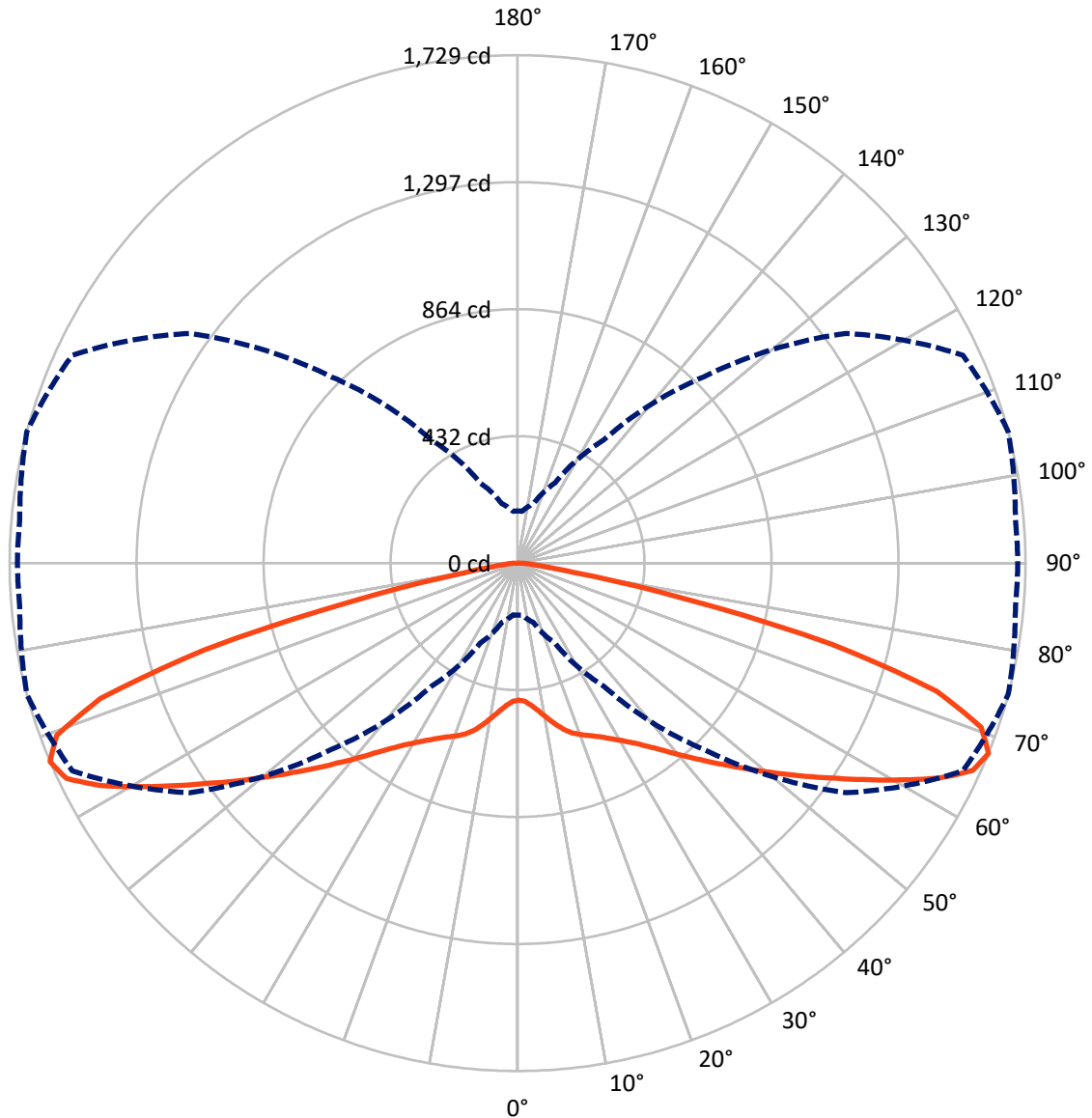
× Max cd
 - - - 1/2 Max cd



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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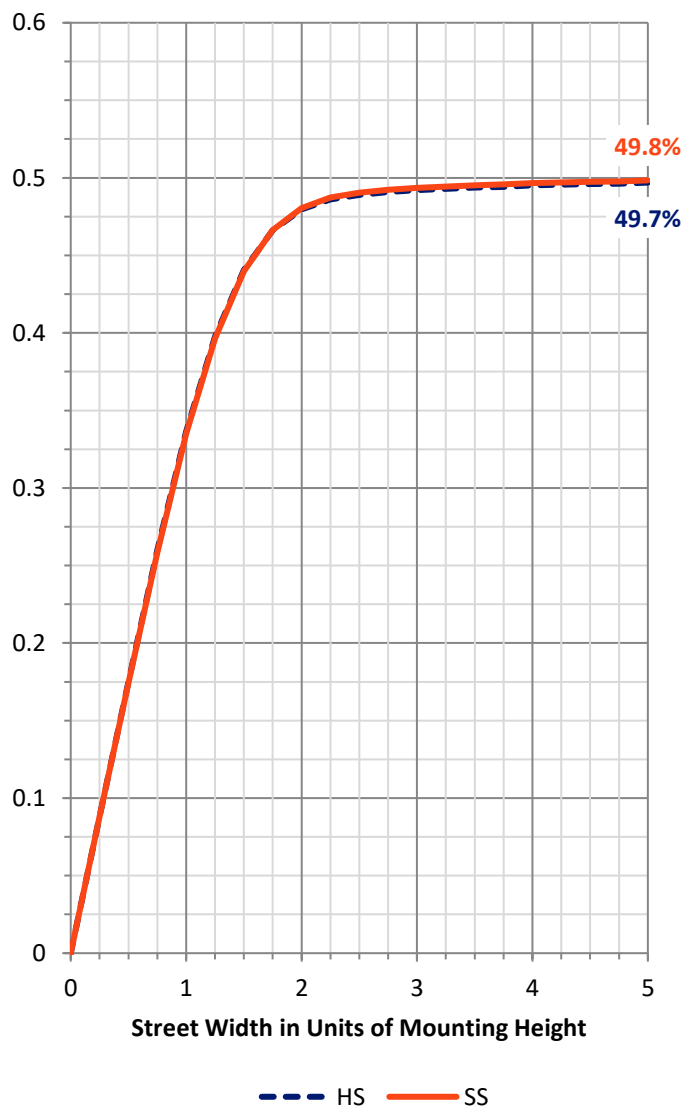
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2293.2	0.0	2293.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2293.2	0.0	2293.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	4586.3	0.0	4586.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.2	1.0
10°-20°	155.6	3.4
20°-30°	303.8	6.6
30°-40°	524.1	11.4
40°-50°	848.9	18.5
50°-60°	1154.5	25.2
60°-70°	1065.1	23.2
70°-80°	445.7	9.7
80°-90°	42.5	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°	4586.3	100.0
0°-180°	4586.3	100.0



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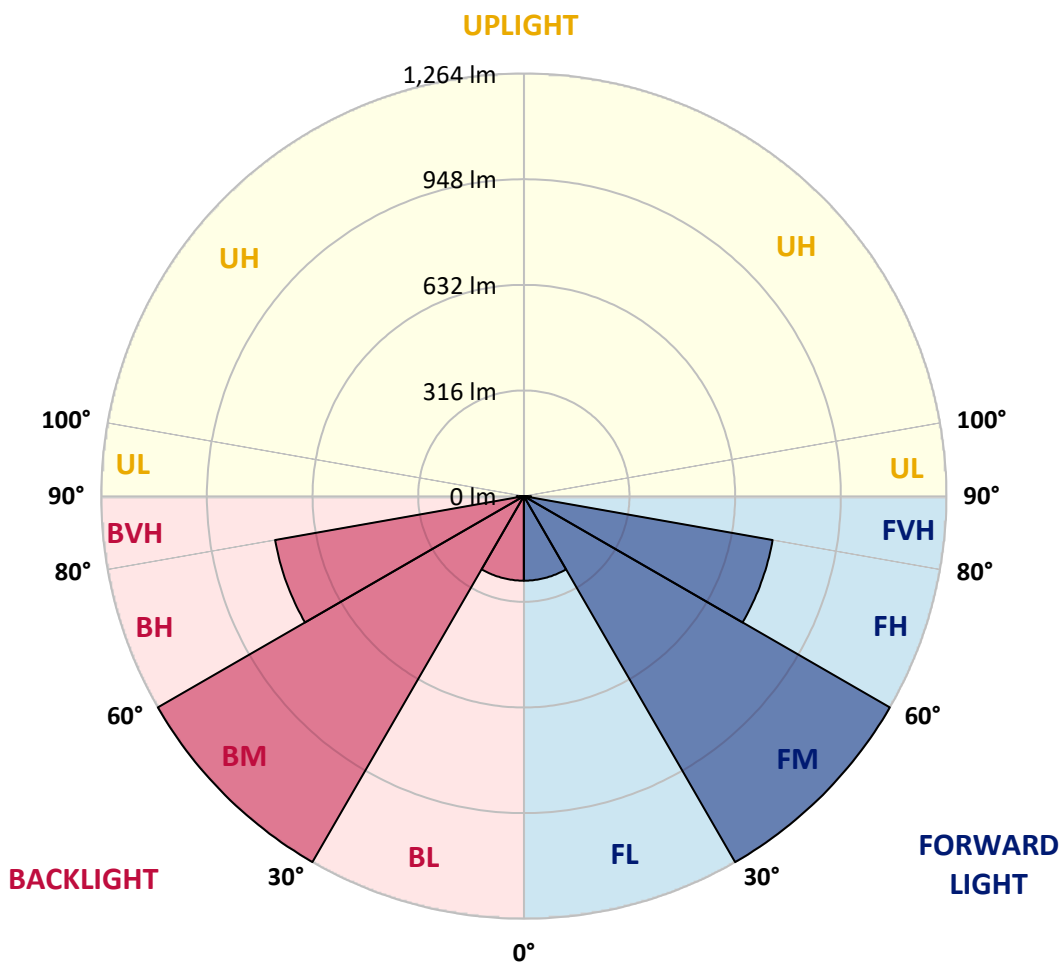
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	252.8	5.5			
FM	(30°-60°)	1263.8	27.6			
FH	(60°-80°)	755.4	16.5			G1/1800
FVH	(80°-90°)	21.3	0.5			G1/100
BL	(0°-30°)	252.8	5.5	B1/500		
BM	(30°-60°)	1263.8	27.6	B2/2500		
BH	(60°-80°)	755.4	16.5	B2/1000		G2/1000
BVH	(80°-90°)	21.3	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°	466.6	466.6	466.6	466.6	466.6	466.6	466.6	466.6	466.6	466.6	466.6
2.5°	463.6	463.6	464.9	466.6	467.3	468.6	468.9	468.9	470.9	470.5	470.9
5°	462.3	462.3	464.6	467.6	470.9	474.8	478.8	481.1	486.0	487.0	487.4
7.5°	463.6	464.0	467.3	472.2	477.8	485.1	492.6	498.9	507.1	510.1	512.1
10°	468.6	468.9	473.2	480.1	488.7	499.2	510.1	520.0	533.2	539.1	540.1
12.5°	476.2	476.5	482.7	494.0	506.2	519.4	531.6	544.1	560.6	569.5	571.5
15°	487.7	486.7	496.6	513.1	530.2	546.7	557.6	569.8	587.3	598.8	601.8
17.5°	503.5	504.2	516.4	537.5	558.6	575.4	586.3	593.2	608.4	620.3	623.2
20°	523.3	526.3	541.8	566.2	590.9	608.7	616.3	615.3	623.9	634.1	636.4
22.5°	551.3	553.3	572.1	599.5	627.8	646.3	649.3	638.4	638.1	644.7	647.6
25°	584.3	586.0	605.7	637.4	667.4	686.9	683.9	665.1	655.2	655.5	657.5
27.5°	622.9	626.2	646.6	678.9	709.9	727.7	723.5	696.1	676.6	670.7	669.4
30°	673.0	676.6	697.4	728.4	755.8	771.6	765.0	730.4	701.4	691.5	689.5
32.5°	738.3	738.0	759.4	789.4	808.5	818.8	805.9	766.7	730.1	716.9	714.2
35°	805.6	808.9	830.0	859.0	873.5	874.2	853.7	809.5	766.0	743.2	738.3
37.5°	881.4	883.1	907.5	934.8	944.4	939.1	908.8	859.6	809.5	785.5	776.9
40°	959.2	960.9	989.2	1015.6	1026.2	1013.6	973.7	915.0	861.0	834.6	829.6
42.5°	1031.4	1035.7	1067.4	1098.4	1108.6	1094.1	1046.0	975.7	915.4	890.0	883.4
45°	1091.5	1096.1	1131.7	1171.3	1189.4	1177.5	1123.1	1044.0	978.0	950.7	939.4
47.5°	1136.6	1142.6	1180.5	1228.0	1263.3	1260.9	1205.2	1116.2	1045.3	1013.0	1002.8
50°	1167.6	1173.9	1214.8	1265.9	1319.0	1336.8	1288.6	1196.0	1120.1	1083.9	1077.0
52.5°	1169.9	1175.5	1222.4	1286.0	1356.9	1396.1	1370.8	1280.1	1202.6	1165.0	1160.0
55°	1118.5	1122.5	1184.8	1269.5	1372.4	1441.7	1445.6	1371.7	1290.6	1252.7	1250.4
57.5°	1000.5	1006.1	1080.6	1192.7	1346.7	1471.0	1510.6	1467.7	1390.2	1354.6	1352.6
60°	808.2	815.5	900.5	1049.6	1253.7	1463.4	1565.6	1557.7	1499.0	1464.4	1463.1
62.5°	570.1	572.8	661.5	825.7	1071.7	1383.0	1592.3	1645.4	1611.8	1576.8	1578.8
65°	335.0	338.6	403.6	551.3	812.8	1198.0	1546.2	1706.4	1702.2	1670.2	1673.5
67.5°	177.1	177.1	209.7	301.4	511.1	896.9	1362.5	1672.8	1728.9	1700.8	1702.5
70°	122.3	122.0	127.9	151.4	247.0	556.0	1019.2	1496.7	1674.5	1663.9	1668.2
72.5°	103.5	102.9	103.2	106.5	125.6	251.3	618.9	1152.8	1492.8	1508.9	1512.5
75°	90.7	89.7	89.0	88.4	90.0	114.1	282.3	711.3	1106.6	1208.2	1206.2
77.5°	78.1	77.5	76.8	74.5	71.9	74.9	115.4	319.9	569.1	671.7	664.4
80°	64.3	64.3	65.3	62.0	57.0	55.1	68.9	119.4	188.9	197.2	181.4
82.5°	50.5	50.5	55.4	50.8	44.8	39.9	47.8	63.6	76.8	62.3	50.8
85°	35.6	35.9	46.2	42.2	34.6	23.1	29.7	37.9	43.2	27.4	21.4
87.5°	14.5	15.5	28.7	22.8	21.8	11.5	13.8	16.8	21.4	11.5	9.2
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)