

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: P672821

Luminaire Tested: **CCP-SA-1C-735-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672821
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-735-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ RW distribution lens
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

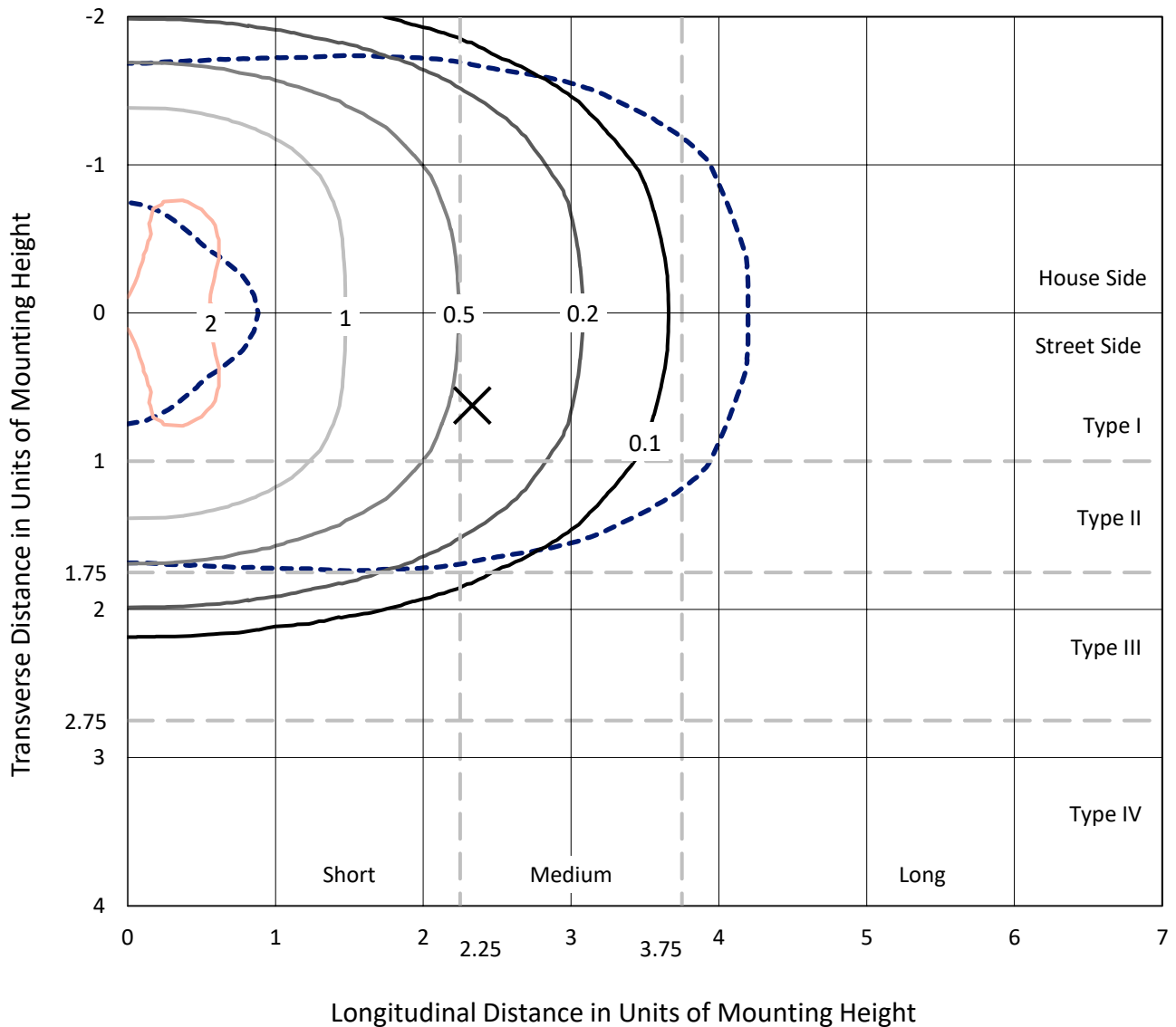
Lumens per Lamp: N/A
Luminaire Lumens: 4536.2 lumens
Efficiency: N/A
Efficacy: 141.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 32
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

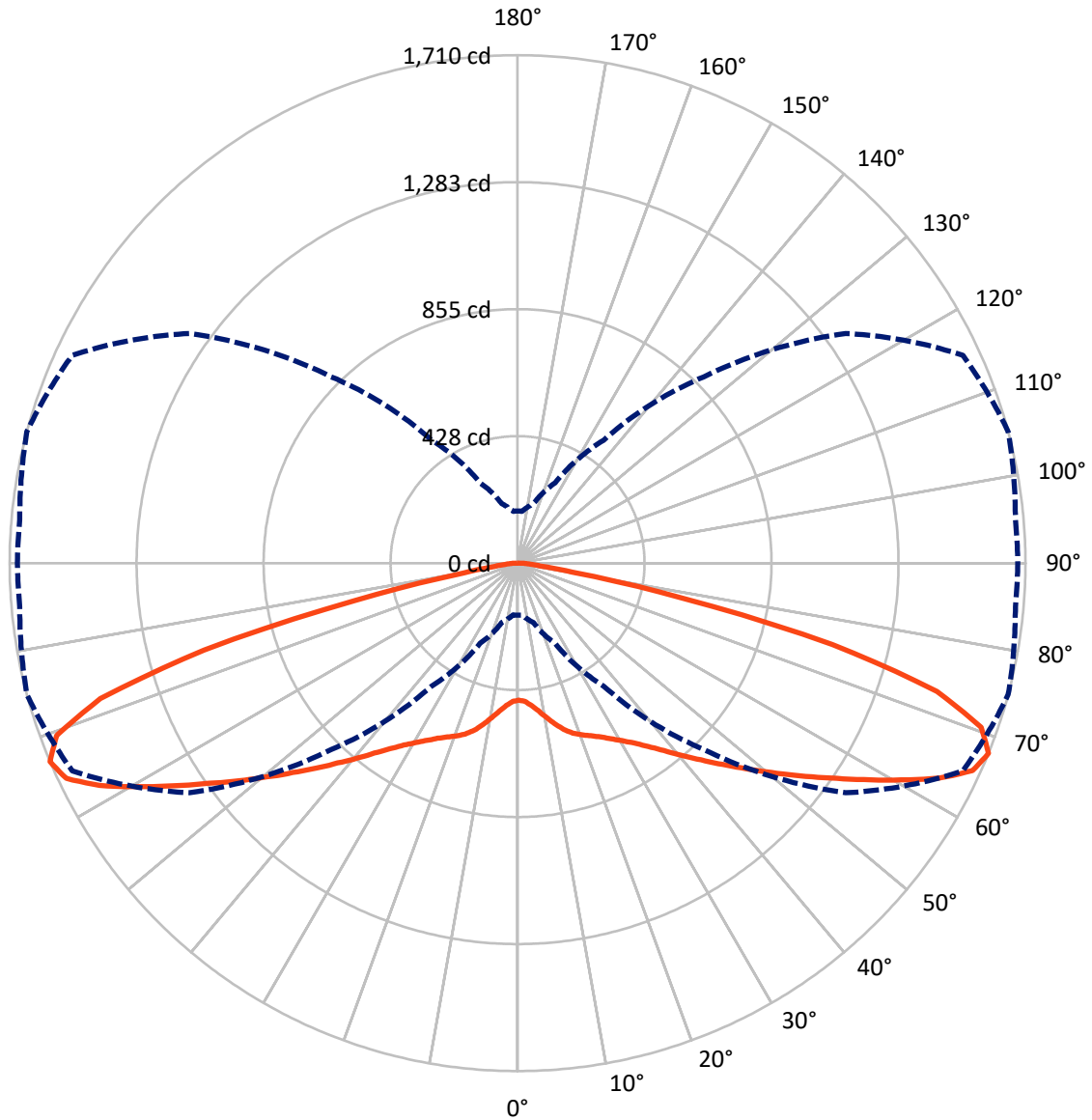
× Max cd
 - - - 1/2 Max cd



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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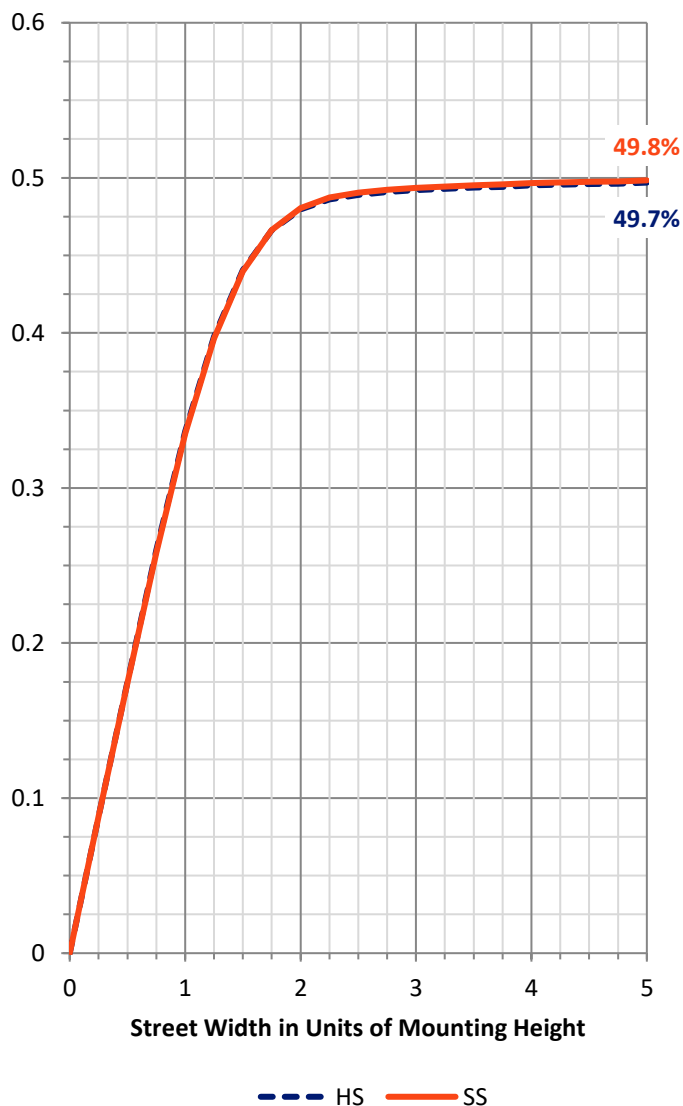
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2268.1	0.0	2268.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2268.1	0.0	2268.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	4536.2	0.0	4536.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.7	1.0
10°-20°	153.9	3.4
20°-30°	300.5	6.6
30°-40°	518.3	11.4
40°-50°	839.6	18.5
50°-60°	1141.9	25.2
60°-70°	1053.4	23.2
70°-80°	440.8	9.7
80°-90°	42.1	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°	4536.2	100.0
0°-180°	4536.2	100.0



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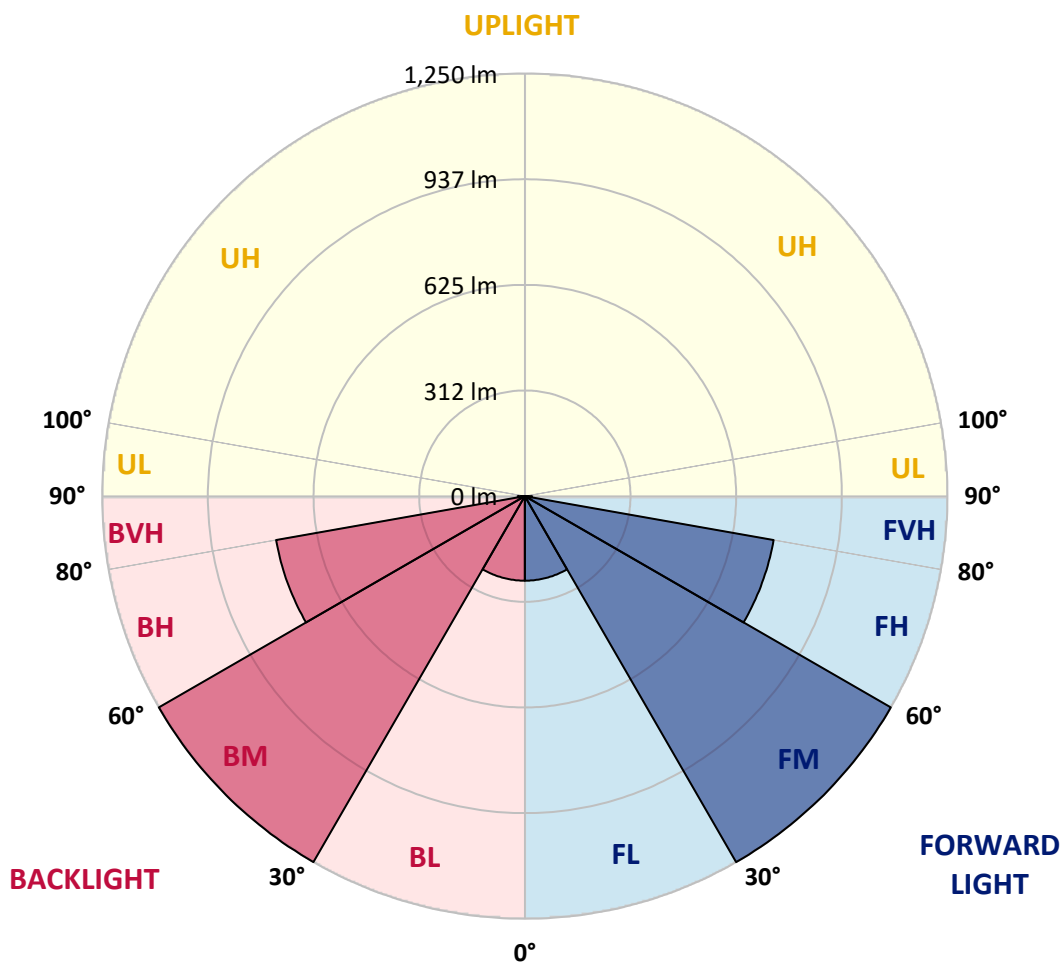
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	250.0	5.5			
FM (30°-60°)	1249.9	27.6			
FH (60°-80°)	747.1	16.5			G1/1800
FVH (80°-90°)	21.0	0.5			G1/100
BL (0°-30°)	250.0	5.5	B1/500		
BM (30°-60°)	1249.9	27.6	B2/2500		
BH (60°-80°)	747.1	16.5	B2/1000		G2/1000
BVH (80°-90°)	21.0	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°	461.5	461.5	461.5	461.5	461.5	461.5	461.5	461.5	461.5	461.5	461.5
2.5°	458.6	458.6	459.9	461.5	462.1	463.4	463.8	463.8	465.7	465.4	465.7
5°	457.2	457.2	459.5	462.5	465.7	469.6	473.6	475.8	480.7	481.7	482.0
7.5°	458.6	458.9	462.1	467.0	472.6	479.8	487.3	493.5	501.6	504.5	506.5
10°	463.4	463.8	468.0	474.9	483.3	493.8	504.5	514.3	527.4	533.2	534.2
12.5°	470.9	471.3	477.5	488.6	500.6	513.7	525.7	538.1	554.4	563.2	565.2
15°	482.4	481.4	491.2	507.5	524.4	540.7	551.5	563.6	580.9	592.3	595.2
17.5°	498.0	498.7	510.7	531.6	552.5	569.1	579.9	586.7	601.7	613.5	616.4
20°	517.6	520.5	535.8	560.0	584.4	602.1	609.6	608.6	617.1	627.2	629.5
22.5°	545.3	547.3	565.9	592.9	621.0	639.2	642.2	631.4	631.1	637.6	640.5
25°	577.9	579.6	599.1	630.4	660.1	679.4	676.4	657.8	648.0	648.4	650.3
27.5°	616.1	619.3	639.6	671.5	702.2	719.8	715.6	688.5	669.2	663.4	662.1
30°	665.7	669.2	689.8	720.4	747.5	763.2	756.6	722.4	693.7	683.9	682.0
32.5°	730.2	729.9	751.1	780.8	799.7	809.8	797.1	758.3	722.1	709.0	706.4
35°	796.8	800.0	820.9	849.6	863.9	864.6	844.4	800.7	757.6	735.1	730.2
37.5°	871.8	873.4	897.5	924.6	934.1	928.8	898.8	850.2	800.7	776.9	768.4
40°	948.7	950.4	978.4	1004.5	1014.9	1002.6	963.1	905.0	851.6	825.5	820.6
42.5°	1020.2	1024.4	1055.7	1086.4	1096.5	1082.1	1034.5	965.0	905.4	880.3	873.7
45°	1079.5	1084.1	1119.3	1158.5	1176.4	1164.6	1110.8	1032.6	967.3	940.3	929.2
47.5°	1124.2	1130.1	1167.6	1214.5	1249.4	1247.2	1192.0	1104.0	1033.9	1001.9	991.8
50°	1154.9	1161.1	1201.5	1252.1	1304.6	1322.2	1274.6	1182.9	1107.9	1072.0	1065.2
52.5°	1157.1	1162.7	1209.0	1271.9	1342.1	1380.9	1355.8	1266.1	1189.4	1152.3	1147.4
55°	1106.3	1110.2	1171.8	1255.6	1357.4	1425.9	1429.8	1356.7	1276.5	1239.0	1236.7
57.5°	989.5	995.1	1068.8	1179.7	1332.0	1454.9	1494.0	1451.7	1375.0	1339.8	1337.8
60°	799.4	806.5	890.7	1038.1	1240.0	1447.4	1548.5	1540.7	1482.6	1448.4	1447.1
62.5°	563.9	566.5	654.2	816.7	1060.0	1367.8	1574.9	1627.4	1594.2	1559.6	1561.6
65°	331.4	334.9	399.2	545.3	803.9	1184.9	1529.3	1687.8	1683.5	1651.9	1655.2
67.5°	175.1	175.1	207.4	298.1	505.5	887.1	1347.6	1654.5	1710.0	1682.2	1683.9
70°	121.0	120.7	126.5	149.7	244.3	549.9	1008.1	1480.4	1656.1	1645.7	1649.9
72.5°	102.4	101.8	102.1	105.3	124.3	248.5	612.2	1140.2	1476.4	1492.4	1496.0
75°	89.7	88.7	88.1	87.4	89.0	112.8	279.2	703.5	1094.5	1195.0	1193.0
77.5°	77.3	76.6	76.0	73.7	71.1	74.0	114.1	316.4	562.9	664.3	657.2
80°	63.6	63.6	64.6	61.3	56.4	54.5	68.2	118.1	186.9	195.0	179.4
82.5°	49.9	49.9	54.8	50.2	44.4	39.5	47.3	62.9	76.0	61.6	50.2
85°	35.2	35.5	45.7	41.7	34.2	22.8	29.4	37.5	42.7	27.1	21.2
87.5°	14.4	15.3	28.4	22.5	21.5	11.4	13.7	16.6	21.2	11.4	9.1
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)