

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: P672887

Luminaire Tested: **CCP-SA-1C-835-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672887
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-835-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ RW distribution lens
Light Source: (16) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

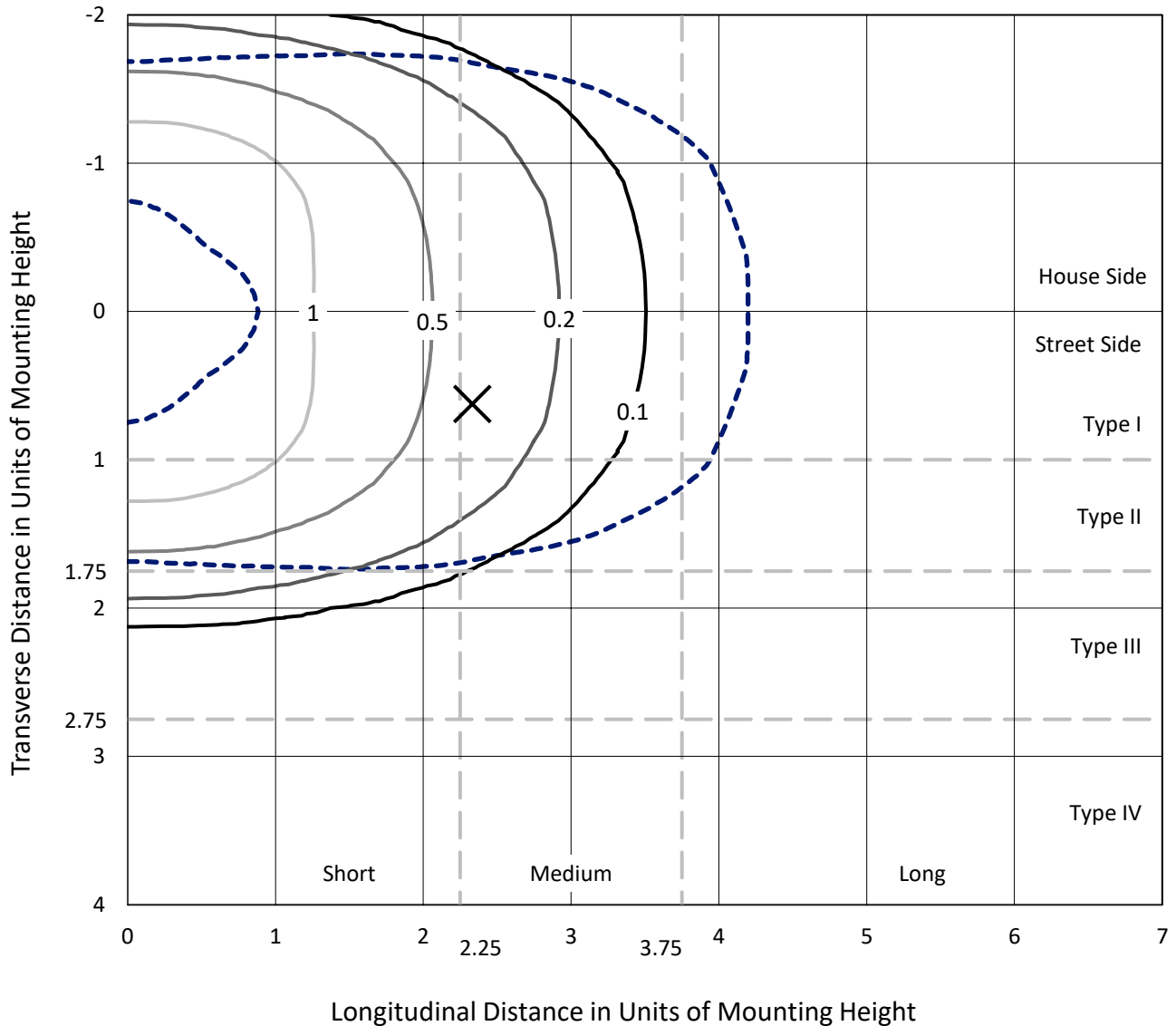
Lumens per Lamp: N/A
Luminaire Lumens: 3789.7 lumens
Efficiency: N/A
Efficacy: 118.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

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

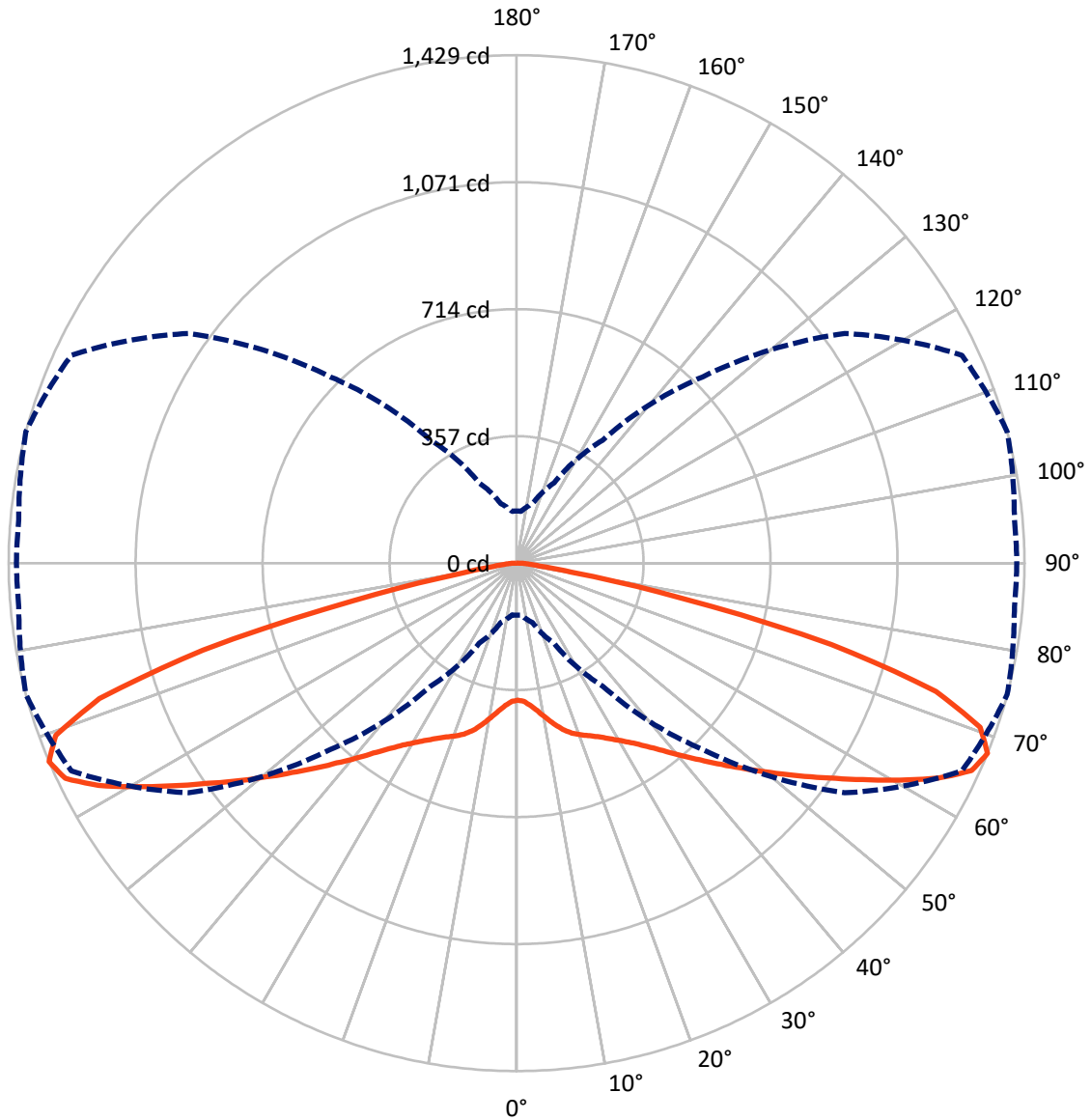
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2 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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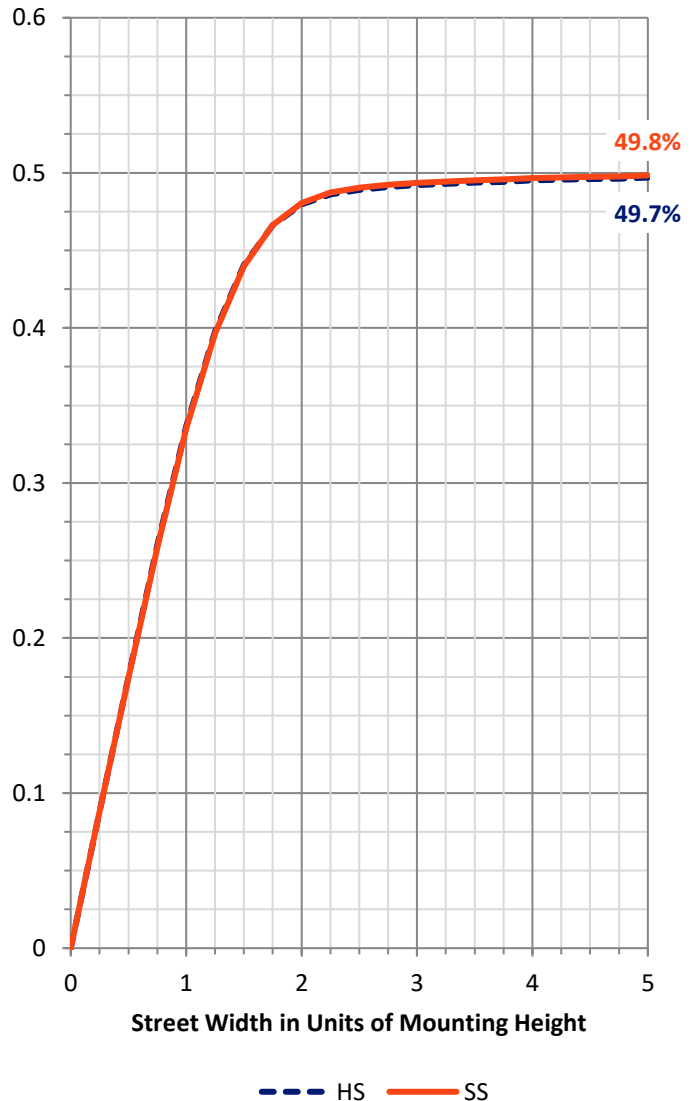
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1894.9	0.0	1894.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1894.9	0.0	1894.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	3789.7	0.0	3789.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.2	1.0
10°-20°	128.6	3.4
20°-30°	251.0	6.6
30°-40°	433.0	11.4
40°-50°	701.5	18.5
50°-60°	954.0	25.2
60°-70°	880.1	23.2
70°-80°	368.3	9.7
80°-90°	35.2	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°	3789.7	100.0
0°-180°	3789.7	100.0



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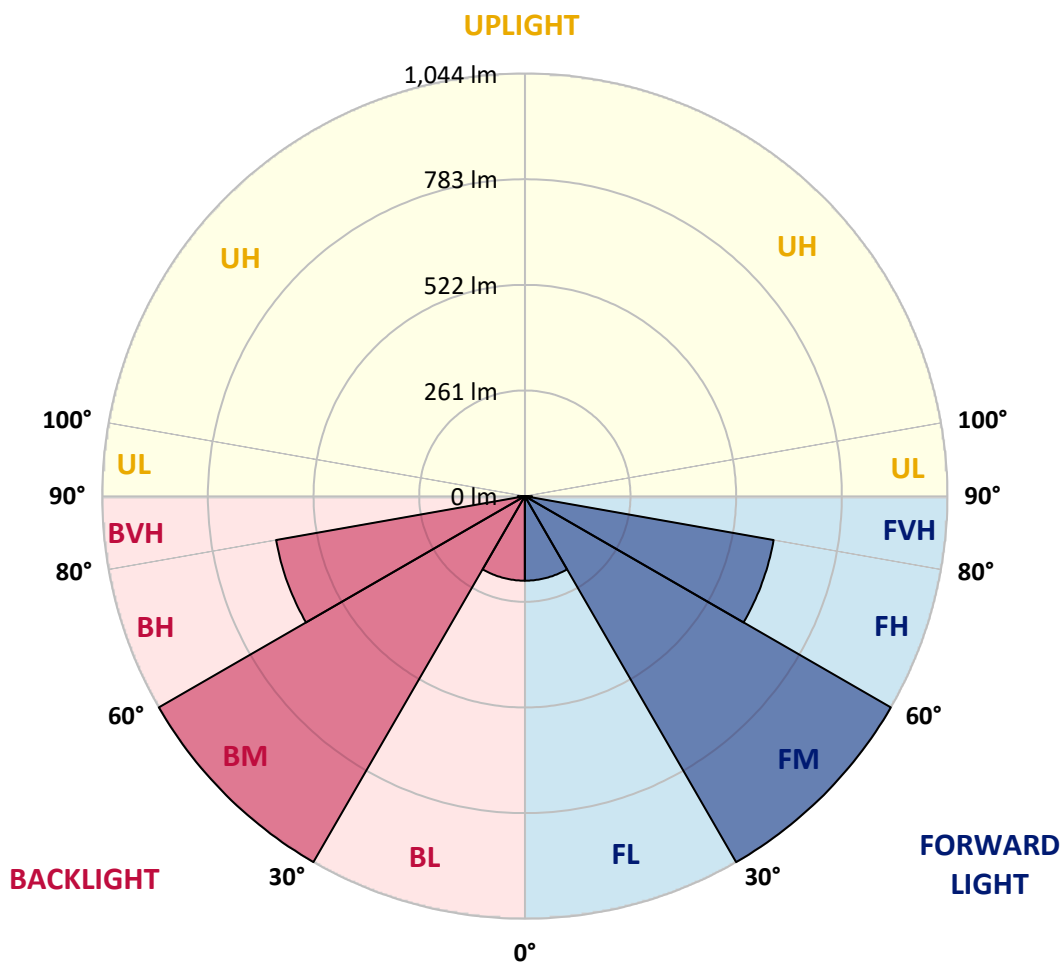
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	208.9	5.5			
FM (30°-60°)	1044.2	27.6			
FH (60°-80°)	624.2	16.5			G0/660
FVH (80°-90°)	17.6	0.5			G1/100
BL (0°-30°)	208.9	5.5	B1/500		
BM (30°-60°)	1044.2	27.6	B2/2500		
BH (60°-80°)	624.2	16.5	B2/1000		G2/1000
BVH (80°-90°)	17.6	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°	385.5	385.5	385.5	385.5	385.5	385.5	385.5	385.5	385.5	385.5	385.5
2.5°	383.1	383.1	384.2	385.5	386.1	387.2	387.5	387.5	389.1	388.8	389.1
5°	382.0	382.0	383.9	386.4	389.1	392.4	395.6	397.5	401.6	402.4	402.7
7.5°	383.1	383.4	386.1	390.2	394.8	400.8	407.1	412.3	419.1	421.5	423.1
10°	387.2	387.5	391.0	396.7	403.8	412.5	421.5	429.7	440.6	445.5	446.3
12.5°	393.5	393.7	398.9	408.2	418.2	429.1	439.2	449.6	463.2	470.6	472.2
15°	403.0	402.2	410.3	424.0	438.1	451.8	460.8	470.8	485.3	494.8	497.3
17.5°	416.1	416.6	426.7	444.1	461.6	475.5	484.5	490.2	502.7	512.5	515.0
20°	432.4	434.9	447.7	467.8	488.3	503.0	509.3	508.4	515.5	524.0	525.9
22.5°	455.6	457.2	472.7	495.4	518.8	534.0	536.5	527.5	527.2	532.7	535.1
25°	482.8	484.2	500.5	526.7	551.5	567.6	565.1	549.6	541.4	541.7	543.3
27.5°	514.7	517.4	534.3	561.0	586.6	601.3	597.8	575.2	559.1	554.2	553.1
30°	556.1	559.1	576.3	601.9	624.5	637.6	632.1	603.5	579.5	571.4	569.7
32.5°	610.1	609.8	627.5	652.3	668.1	676.5	665.9	633.5	603.3	592.4	590.2
35°	665.7	668.4	685.8	709.8	721.8	722.3	705.4	668.9	633.0	614.2	610.1
37.5°	728.3	729.7	749.8	772.5	780.4	776.0	750.9	710.3	668.9	649.0	641.9
40°	792.6	794.0	817.4	839.2	847.9	837.6	804.6	756.1	711.4	689.6	685.5
42.5°	852.3	855.8	882.0	907.6	916.1	904.1	864.3	806.2	756.4	735.4	730.0
45°	901.9	905.7	935.1	967.8	982.8	973.0	928.0	862.6	808.2	785.5	776.3
47.5°	939.2	944.1	975.5	1014.7	1043.8	1041.9	995.9	922.3	863.7	837.0	828.6
50°	964.8	970.0	1003.8	1046.0	1089.9	1104.6	1064.8	988.3	925.6	895.6	889.9
52.5°	966.7	971.4	1010.1	1062.6	1121.2	1153.6	1132.7	1057.7	993.7	962.6	958.6
55°	924.2	927.5	979.0	1049.0	1134.0	1191.3	1194.5	1133.5	1066.5	1035.1	1033.2
57.5°	826.7	831.3	892.9	985.5	1112.8	1215.5	1248.2	1212.8	1148.7	1119.3	1117.7
60°	667.8	673.8	744.1	867.3	1035.9	1209.2	1293.7	1287.2	1238.7	1210.1	1209.0
62.5°	471.1	473.3	546.6	682.3	885.5	1142.8	1315.8	1359.6	1331.8	1303.0	1304.6
65°	276.8	279.8	333.5	455.6	671.6	989.9	1277.6	1410.0	1406.5	1380.1	1382.8
67.5°	146.3	146.3	173.3	249.0	422.3	741.1	1125.9	1382.3	1428.6	1405.4	1406.8
70°	101.1	100.8	105.7	125.1	204.1	459.4	842.2	1236.8	1383.6	1374.9	1378.4
72.5°	85.6	85.0	85.3	88.0	103.8	207.6	511.4	952.6	1233.5	1246.8	1249.8
75°	74.9	74.1	73.6	73.0	74.4	94.3	233.2	587.7	914.4	998.3	996.7
77.5°	64.6	64.0	63.5	61.6	59.4	61.9	95.4	264.3	470.3	555.0	549.0
80°	53.1	53.1	53.9	51.2	47.1	45.5	56.9	98.6	156.1	162.9	149.9
82.5°	41.7	41.7	45.8	42.0	37.1	33.0	39.5	52.6	63.5	51.5	42.0
85°	29.4	29.7	38.1	34.9	28.6	19.1	24.5	31.3	35.7	22.6	17.7
87.5°	12.0	12.8	23.7	18.8	18.0	9.5	11.4	13.9	17.7	9.5	7.6
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)