

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: P672588

Luminaire Tested: **CCP-SA-1C-830-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672588
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-830-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5MQ
distribution lens
Light Source: (16) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

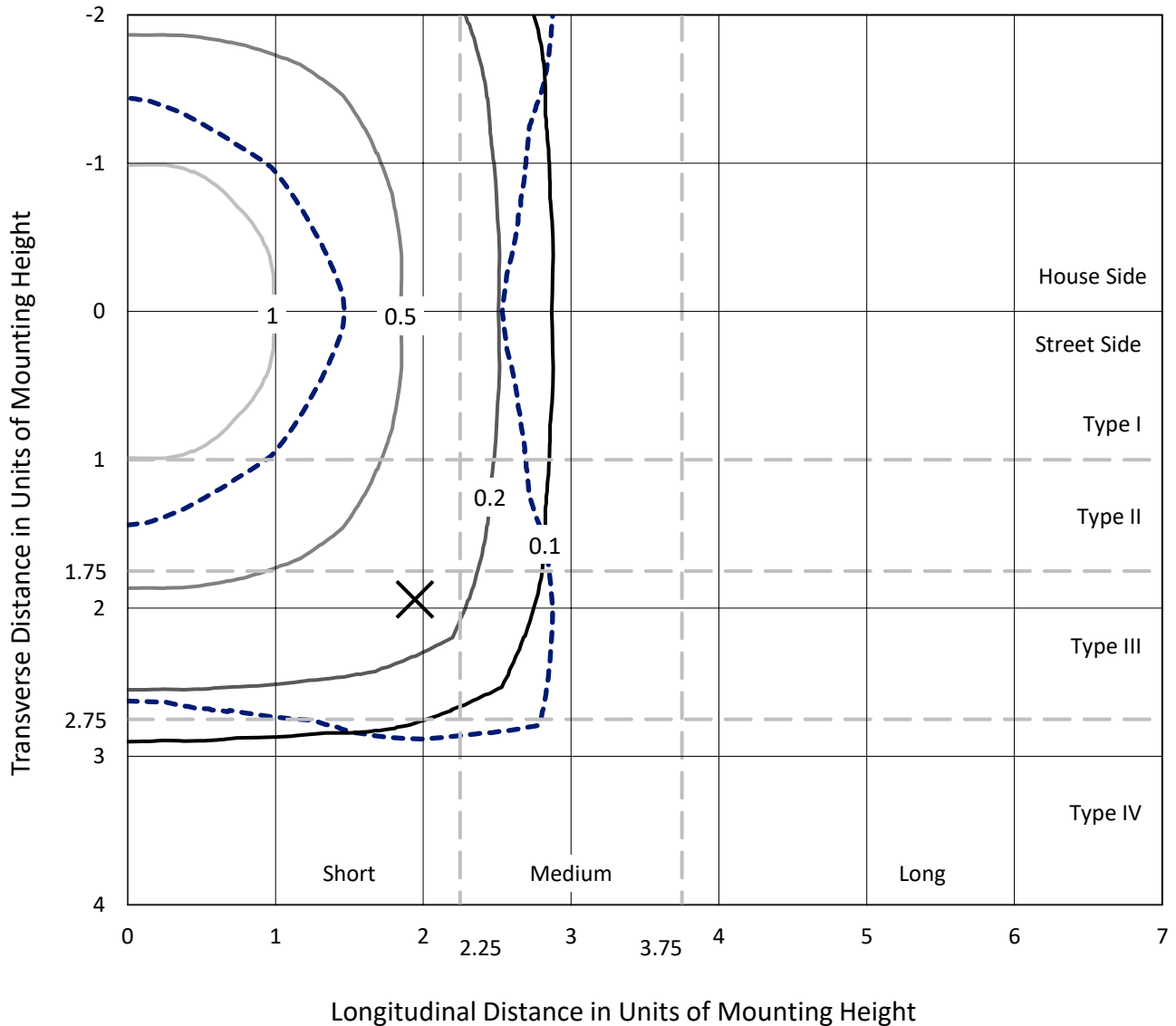
Lumens per Lamp: N/A
Luminaire Lumens: 3708.4 lumens
Efficiency: N/A
Efficacy: 115.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

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

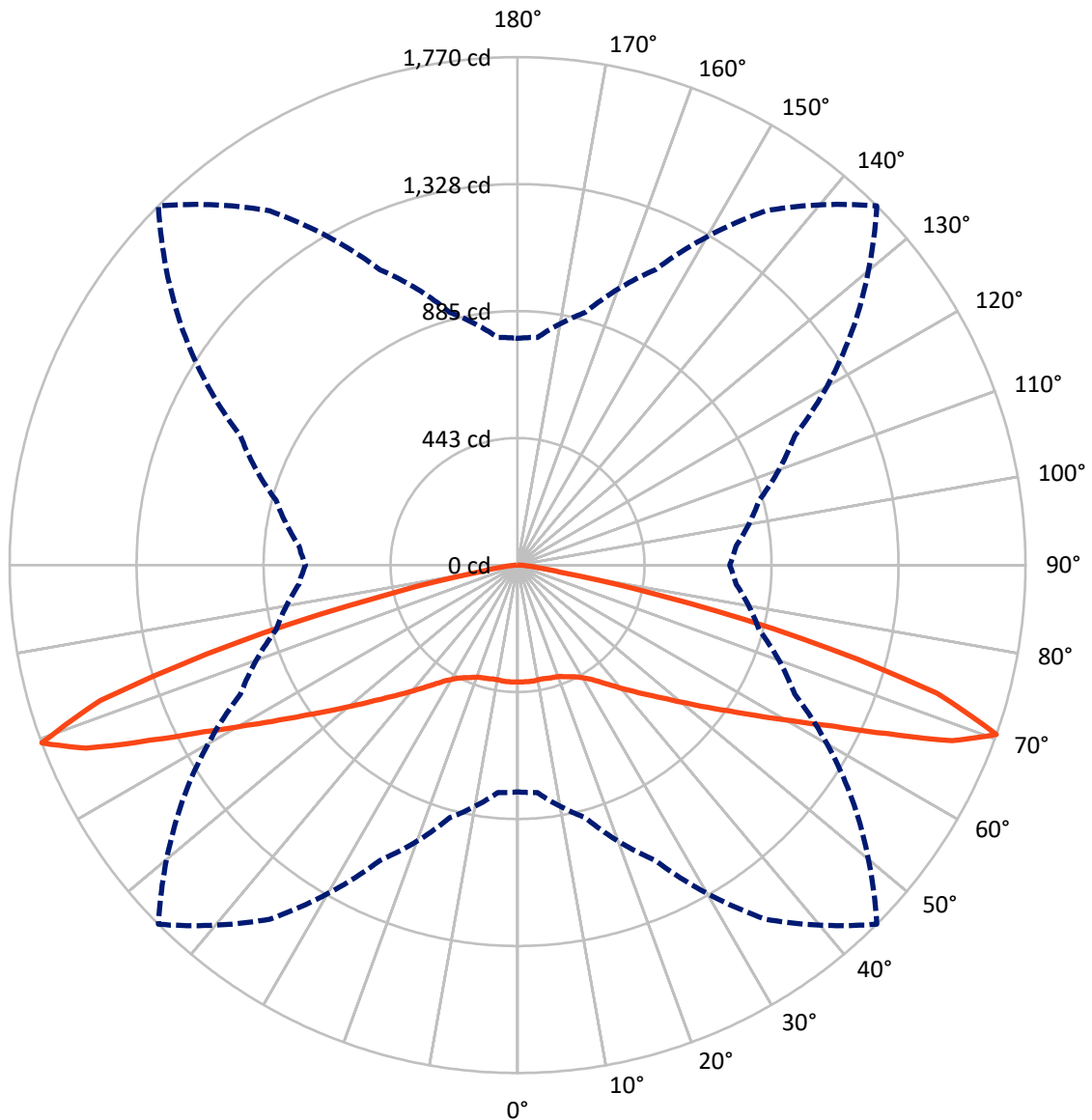
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.8 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1854.2	0.0	1854.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1854.2	0.0	1854.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	3708.4	0.0	3708.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.8	1.0
10°-20°	114.8	3.1
20°-30°	196.1	5.3
30°-40°	312.9	8.4
40°-50°	504.9	13.6
50°-60°	808.5	21.8
60°-70°	1183.5	31.9
70°-80°	520.5	14.0
80°-90°	28.5	0.8
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°	3708.4	100.0
0°-180°	3708.4	100.0



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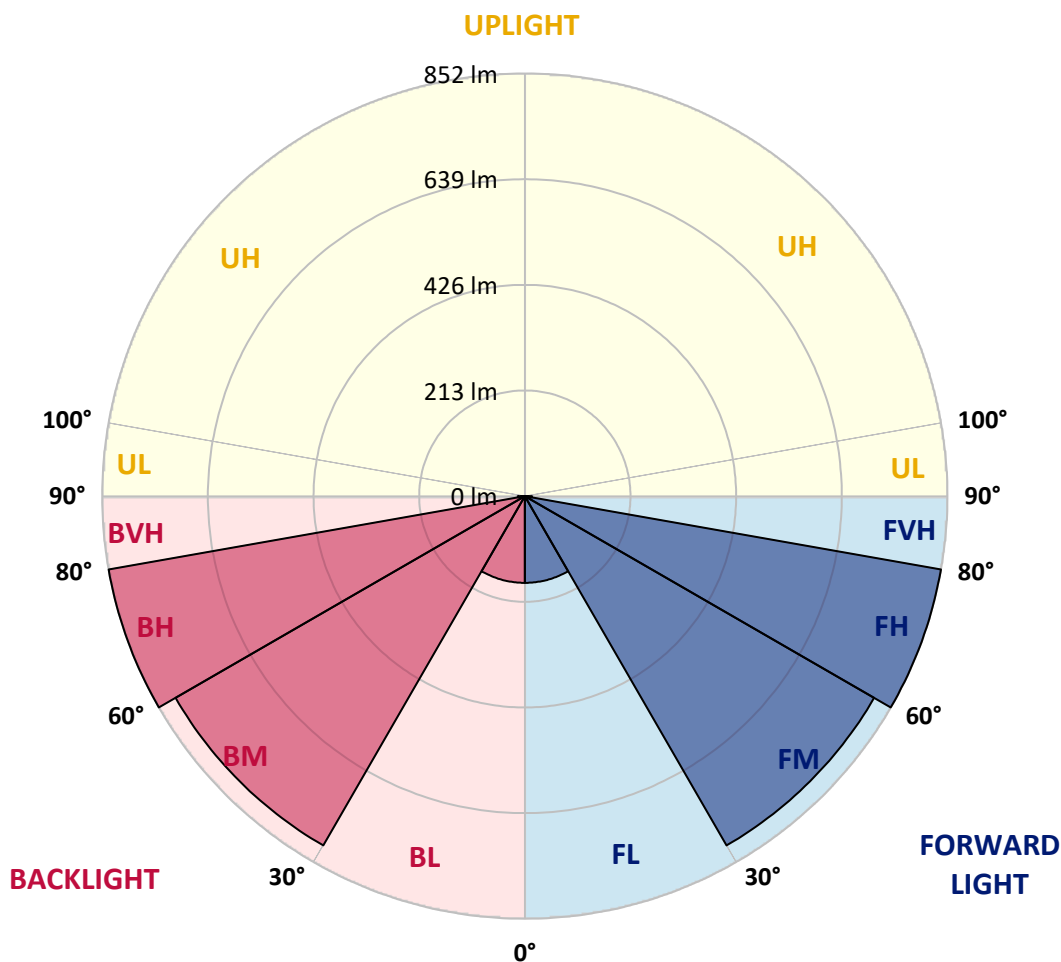
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	174.8	4.7			
FM (30°-60°)	813.1	21.9			
FH (60°-80°)	852.0	23.0			G1/1800
FVH (80°-90°)	14.3	0.4			G1/100
BL (0°-30°)	174.8	4.7	B1/500		
BM (30°-60°)	813.1	21.9	B1/1000		
BH (60°-80°)	852.0	23.0	B2/1000		G1/1800
BVH (80°-90°)	14.3	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	407.8	407.8	407.8	407.8	407.8	407.8	407.8	407.8	407.8	407.8	407.8
2.5°	407.3	407.0	407.5	407.8	407.3	407.5	406.0	406.0	406.8	406.0	407.0
5°	409.1	408.6	409.1	409.1	407.8	407.8	406.0	405.4	406.0	404.7	405.7
7.5°	409.4	408.3	409.1	408.9	407.8	407.8	405.2	404.1	404.4	403.1	403.9
10°	406.8	406.2	407.3	406.8	406.0	406.0	403.9	402.3	402.3	401.0	401.8
12.5°	405.2	404.7	406.0	406.2	405.7	406.0	403.3	401.2	400.4	398.9	399.4
15°	405.2	404.1	406.2	406.8	407.3	409.1	405.2	401.5	399.9	397.8	398.3
17.5°	404.9	404.4	406.8	408.6	409.1	411.2	406.8	402.8	401.0	397.8	398.3
20°	404.9	404.7	407.5	411.0	412.5	414.4	409.6	406.0	402.8	399.4	399.4
22.5°	406.2	406.0	409.9	414.9	419.4	422.5	417.0	411.0	406.8	402.3	401.8
25°	411.7	411.2	416.0	422.0	428.0	431.2	425.7	419.6	413.6	408.6	408.1
27.5°	423.0	422.8	427.5	434.9	439.1	441.4	436.7	431.5	425.4	419.6	419.4
30°	438.3	438.3	444.3	452.0	454.3	456.2	451.4	447.7	441.4	435.1	434.6
32.5°	456.7	457.7	464.8	473.2	474.8	475.9	470.9	468.5	461.7	454.8	453.8
35°	480.9	481.1	489.8	498.2	500.3	501.3	495.6	493.5	487.2	479.8	478.2
37.5°	511.6	510.8	519.0	528.4	530.5	531.8	527.1	525.5	517.6	510.3	507.9
40°	546.0	546.5	555.7	564.7	566.0	566.5	564.1	561.8	554.4	546.0	543.1
42.5°	586.0	586.0	596.7	607.2	607.2	604.6	603.6	603.0	595.9	586.5	583.3
45°	631.7	632.2	645.6	653.5	654.0	646.9	648.0	651.1	644.3	632.2	628.0
47.5°	681.9	682.7	698.4	707.1	705.5	696.3	702.1	703.7	695.8	680.3	674.8
50°	734.7	737.0	754.7	769.9	767.8	754.4	762.0	762.5	749.7	731.8	724.2
52.5°	791.7	797.2	820.6	836.9	839.0	822.2	828.8	828.2	811.7	787.2	782.2
55°	862.4	865.5	888.7	911.8	919.7	898.9	906.3	902.6	880.3	852.4	844.0
57.5°	933.1	937.8	967.5	993.5	1009.3	991.7	993.2	983.8	955.7	922.0	917.8
60°	1016.9	1019.0	1051.8	1085.7	1113.1	1102.5	1095.2	1075.5	1042.4	1008.7	1002.7
62.5°	1085.5	1089.7	1138.5	1188.5	1234.7	1236.6	1214.2	1184.8	1132.0	1075.7	1063.7
65°	1104.4	1111.2	1179.8	1278.3	1374.5	1417.3	1356.1	1266.2	1148.3	1063.4	1045.3
67.5°	1016.4	1029.5	1127.5	1291.2	1504.6	1633.1	1469.1	1227.6	1062.9	963.8	946.5
70°	790.4	796.2	911.3	1135.9	1506.7	1770.2	1423.6	1066.0	871.3	764.9	739.4
72.5°	419.9	422.8	526.6	764.9	1226.0	1529.3	1176.4	746.0	512.9	416.2	387.0
75°	135.6	139.3	181.3	313.2	676.3	1027.7	693.7	310.3	176.8	142.7	135.1
77.5°	69.1	68.8	76.5	100.9	227.6	503.7	240.7	108.8	76.5	68.6	66.5
80°	43.1	42.3	48.1	55.2	79.6	147.1	86.4	61.0	48.3	41.5	41.3
82.5°	24.4	24.4	32.3	35.5	44.9	60.7	50.5	41.8	33.1	24.7	23.9
85°	13.7	12.1	20.2	22.3	25.8	30.0	30.7	27.1	22.3	13.7	14.2
87.5°	5.0	5.5	9.5	8.9	10.2	7.1	12.6	14.2	12.6	6.6	5.5
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)