

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: P672533

Luminaire Tested: **CCP-SA-1C-735-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672533
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-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5MQ
distribution lens
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

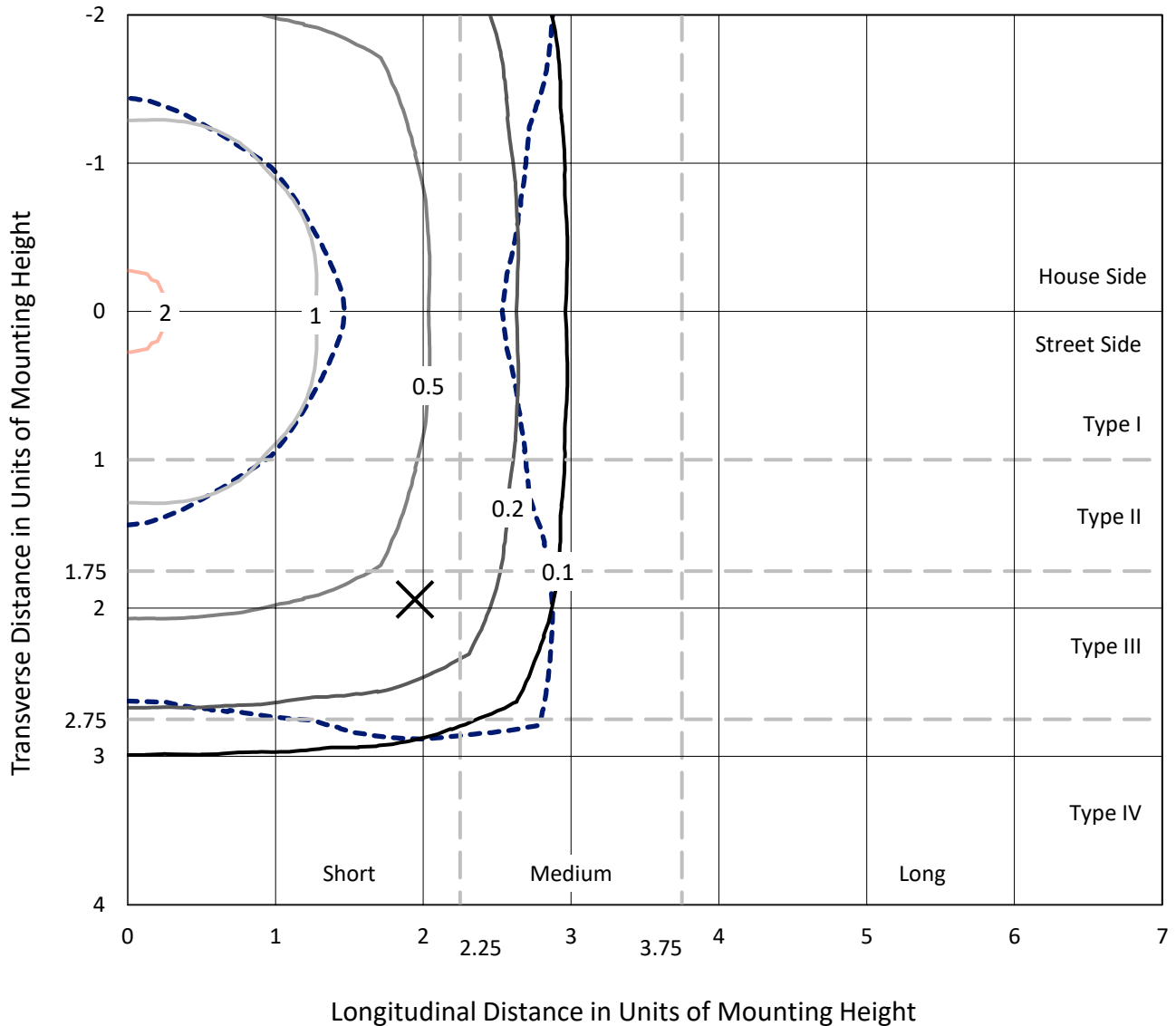
Lumens per Lamp: N/A
Luminaire Lumens: 4603.1 lumens
Efficiency: N/A
Efficacy: 143.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

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

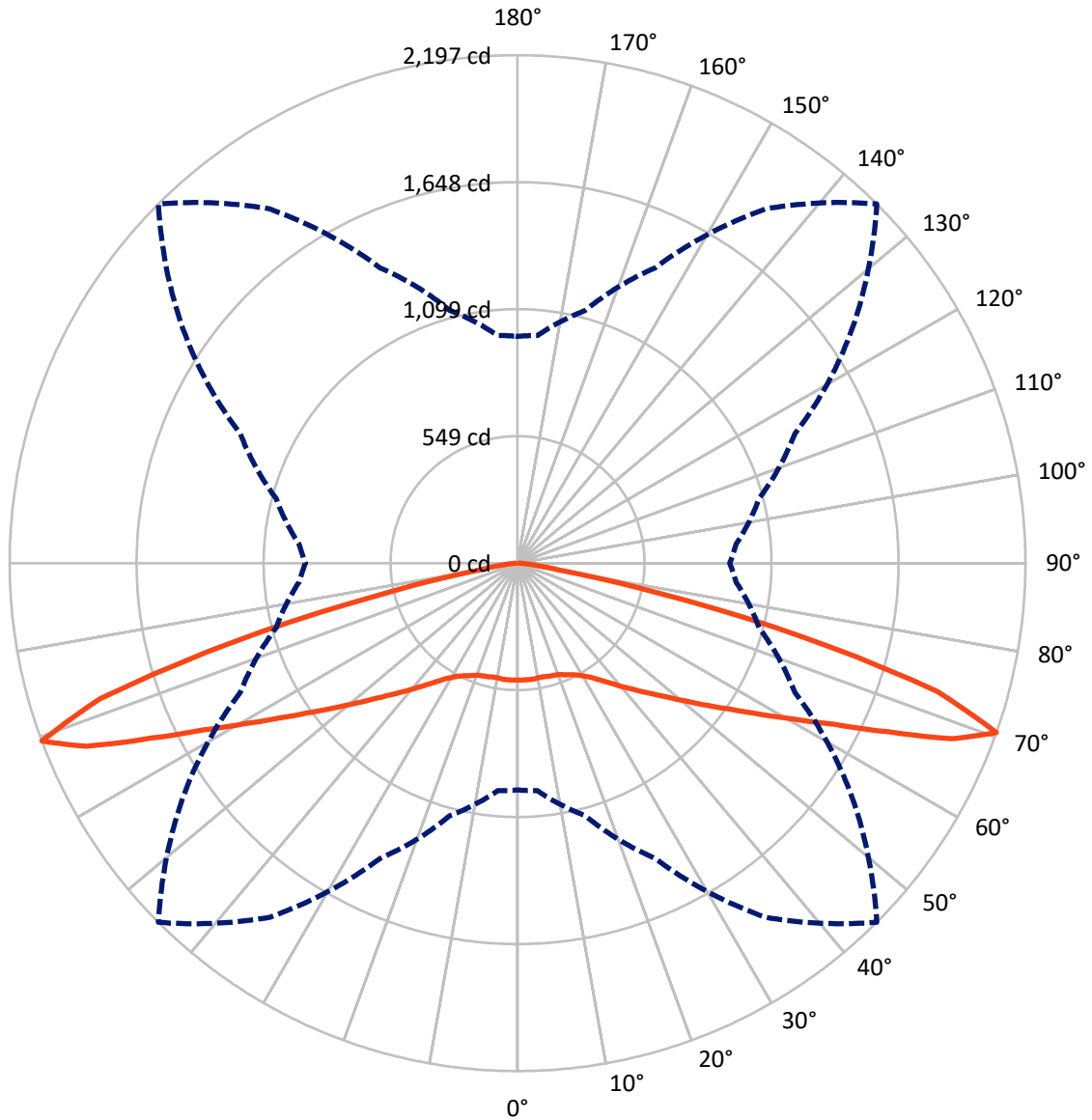
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.2 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	2301.5	0.0	2301.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2301.5	0.0	2301.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	4603.1	0.0	4603.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.2	1.0
10°-20°	142.5	3.1
20°-30°	243.4	5.3
30°-40°	388.4	8.4
40°-50°	626.7	13.6
50°-60°	1003.5	21.8
60°-70°	1469.1	31.9
70°-80°	646.1	14.0
80°-90°	35.4	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°	4603.1	100.0
0°-180°	4603.1	100.0



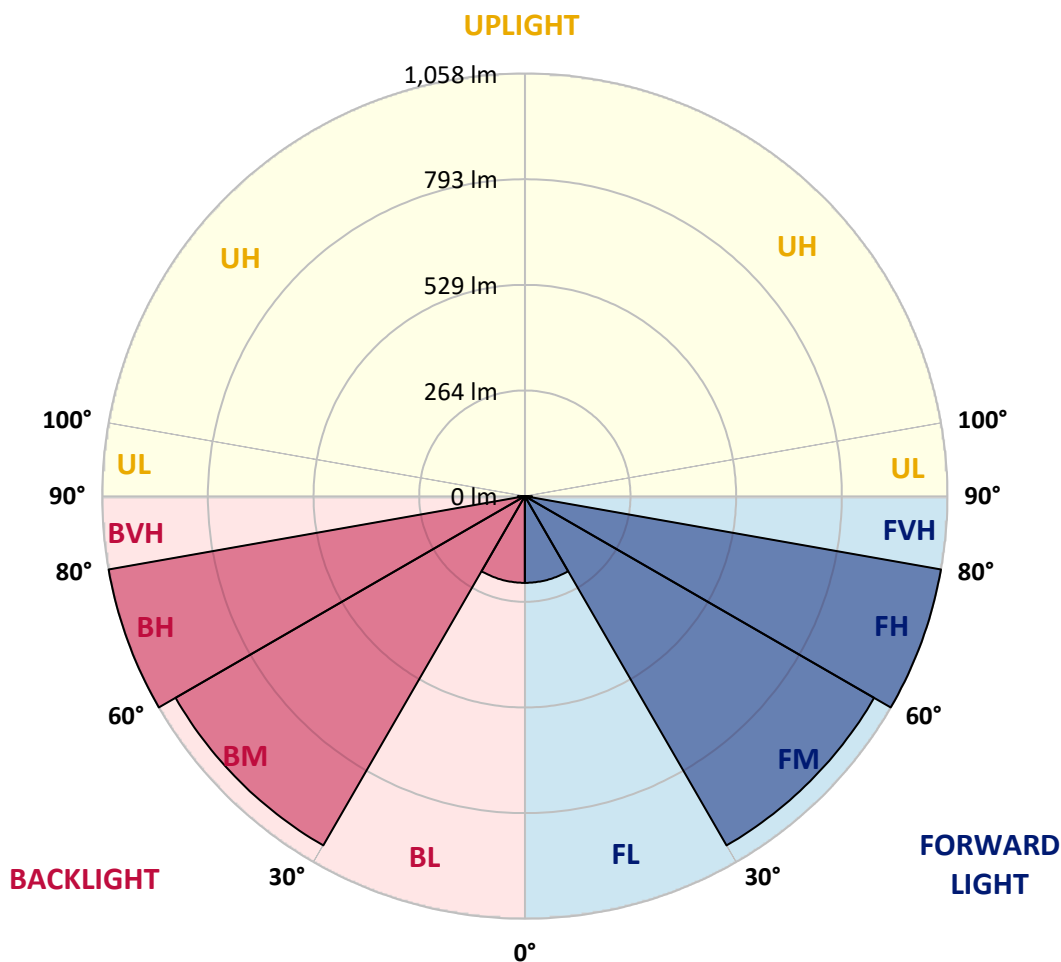
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	217.0	4.7			
FM (30°-60°)	1009.3	21.9			
FH (60°-80°)	1057.6	23.0			G1/1800
FVH (80°-90°)	17.7	0.4			G1/100
BL (0°-30°)	217.0	4.7	B1/500		
BM (30°-60°)	1009.3	21.9	B2/2500		
BH (60°-80°)	1057.6	23.0	B3/2500		G1/1800
BVH (80°-90°)	17.7	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	506.2	506.2	506.2	506.2	506.2	506.2	506.2	506.2	506.2	506.2	506.2
2.5°	505.5	505.2	505.9	506.2	505.5	505.9	503.9	503.9	504.9	503.9	505.2
5°	507.8	507.2	507.8	507.8	506.2	506.2	503.9	503.3	503.9	502.3	503.6
7.5°	508.1	506.8	507.8	507.5	506.2	506.2	502.9	501.6	502.0	500.3	501.3
10°	504.9	504.2	505.5	504.9	503.9	503.9	501.3	499.3	499.3	497.7	498.7
12.5°	502.9	502.3	503.9	504.2	503.6	503.9	500.6	498.0	497.1	495.1	495.8
15°	502.9	501.6	504.2	504.9	505.5	507.8	502.9	498.4	496.4	493.8	494.4
17.5°	502.6	502.0	504.9	507.2	507.8	510.4	504.9	500.0	497.7	493.8	494.4
20°	502.6	502.3	505.9	510.1	512.1	514.3	508.5	503.9	500.0	495.8	495.8
22.5°	504.2	503.9	508.8	515.0	520.5	524.5	517.6	510.1	504.9	499.3	498.7
25°	511.1	510.4	516.3	523.8	531.3	535.2	528.4	520.9	513.4	507.2	506.5
27.5°	525.1	524.8	530.7	539.8	545.0	547.9	542.1	535.5	528.0	520.9	520.5
30°	544.0	544.0	551.5	561.0	563.9	566.2	560.3	555.8	547.9	540.1	539.5
32.5°	566.9	568.2	577.0	587.4	589.4	590.7	584.5	581.5	573.1	564.6	563.3
35°	596.9	597.2	608.0	618.4	621.0	622.3	615.1	612.5	604.7	595.6	593.6
37.5°	635.0	634.0	644.2	655.9	658.5	660.1	654.3	652.3	642.5	633.4	630.5
40°	677.7	678.4	689.8	700.9	702.5	703.2	700.3	697.3	688.2	677.7	674.2
42.5°	727.3	727.3	740.7	753.7	753.7	750.5	749.2	748.5	739.7	728.0	724.1
45°	784.1	784.7	801.4	811.1	811.8	803.0	804.3	808.2	799.7	784.7	779.5
47.5°	846.4	847.3	866.9	877.7	875.7	864.3	871.5	873.4	863.7	844.4	837.6
50°	911.9	914.9	936.7	955.6	953.0	936.4	945.8	946.5	930.5	908.3	898.9
52.5°	982.7	989.6	1018.6	1038.8	1041.4	1020.5	1028.7	1028.0	1007.5	977.2	971.0
55°	1070.4	1074.4	1103.1	1131.8	1141.5	1115.8	1124.9	1120.3	1092.6	1058.0	1047.6
57.5°	1158.2	1164.0	1200.9	1233.2	1252.8	1230.9	1232.9	1221.1	1186.2	1144.5	1139.3
60°	1262.2	1264.8	1305.6	1347.7	1381.6	1368.5	1359.4	1334.9	1293.9	1252.1	1244.6
62.5°	1347.3	1352.6	1413.2	1475.2	1532.6	1534.9	1507.2	1470.6	1405.1	1335.3	1320.3
65°	1370.8	1379.3	1464.4	1586.7	1706.1	1759.3	1683.3	1571.7	1425.3	1319.9	1297.4
67.5°	1261.6	1277.9	1399.5	1602.7	1867.6	2027.0	1823.5	1523.8	1319.3	1196.3	1174.8
70°	981.1	988.2	1131.1	1410.0	1870.2	2197.3	1767.1	1323.2	1081.5	949.4	917.8
72.5°	521.2	524.8	653.6	949.4	1521.8	1898.2	1460.2	926.0	636.7	516.6	480.4
75°	168.3	172.9	225.0	388.8	839.5	1275.6	861.0	385.2	219.5	177.1	167.6
77.5°	85.8	85.5	94.9	125.2	282.4	625.2	298.8	135.0	94.9	85.1	82.5
80°	53.5	52.5	59.7	68.5	98.8	182.6	107.3	75.7	60.0	51.5	51.2
82.5°	30.3	30.3	40.1	44.0	55.8	75.3	62.6	51.9	41.1	30.7	29.7
85°	17.0	15.0	25.1	27.7	32.0	37.2	38.2	33.6	27.7	17.0	17.6
87.5°	6.2	6.8	11.7	11.1	12.7	8.8	15.7	17.6	15.7	8.2	6.8
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)