

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: P672511

Luminaire Tested: **CCP-SA-1C-727-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672511
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-727-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5MQ
distribution lens
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

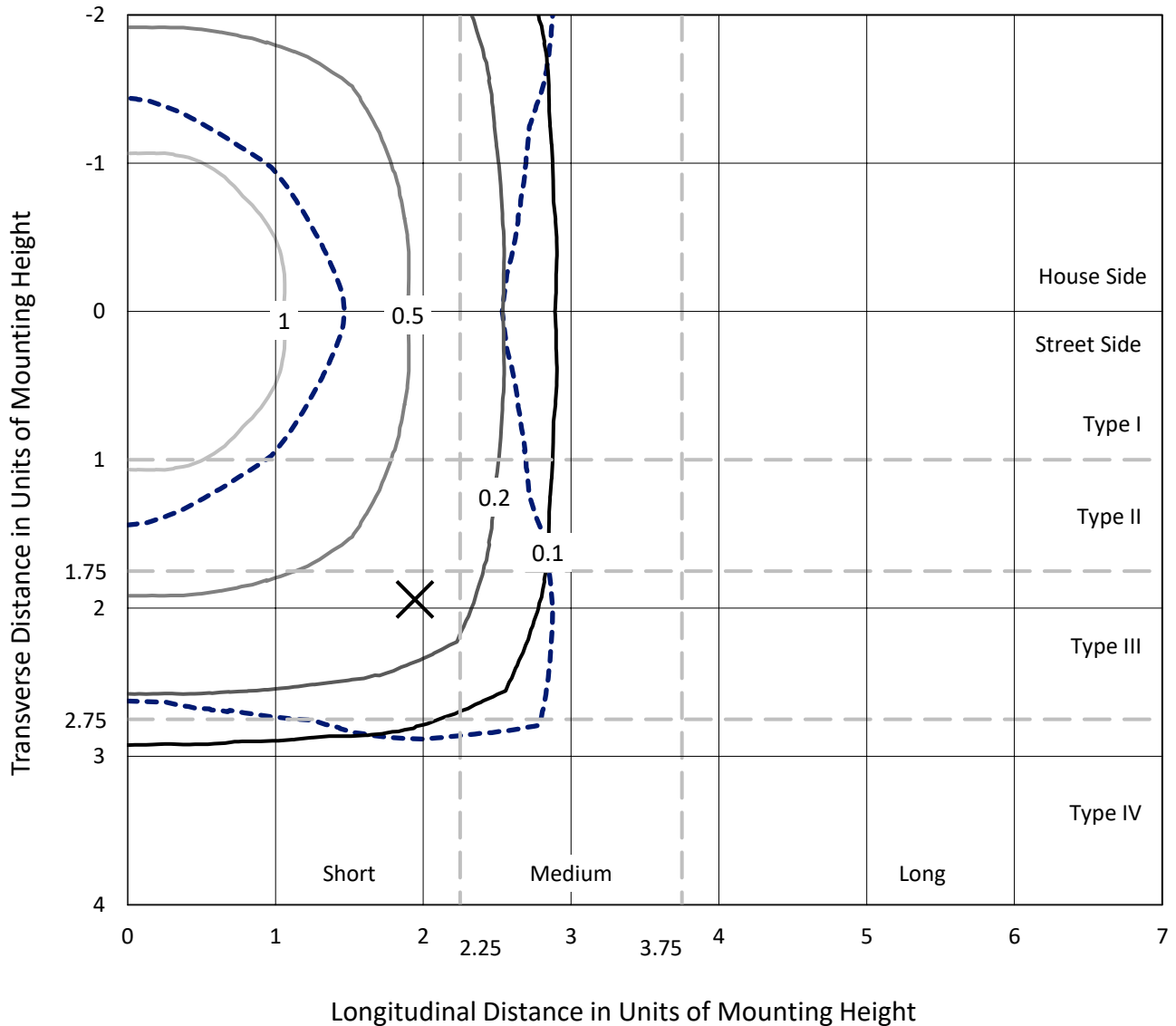
Lumens per Lamp: N/A
Luminaire Lumens: 3903 lumens
Efficiency: N/A
Efficacy: 122.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

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

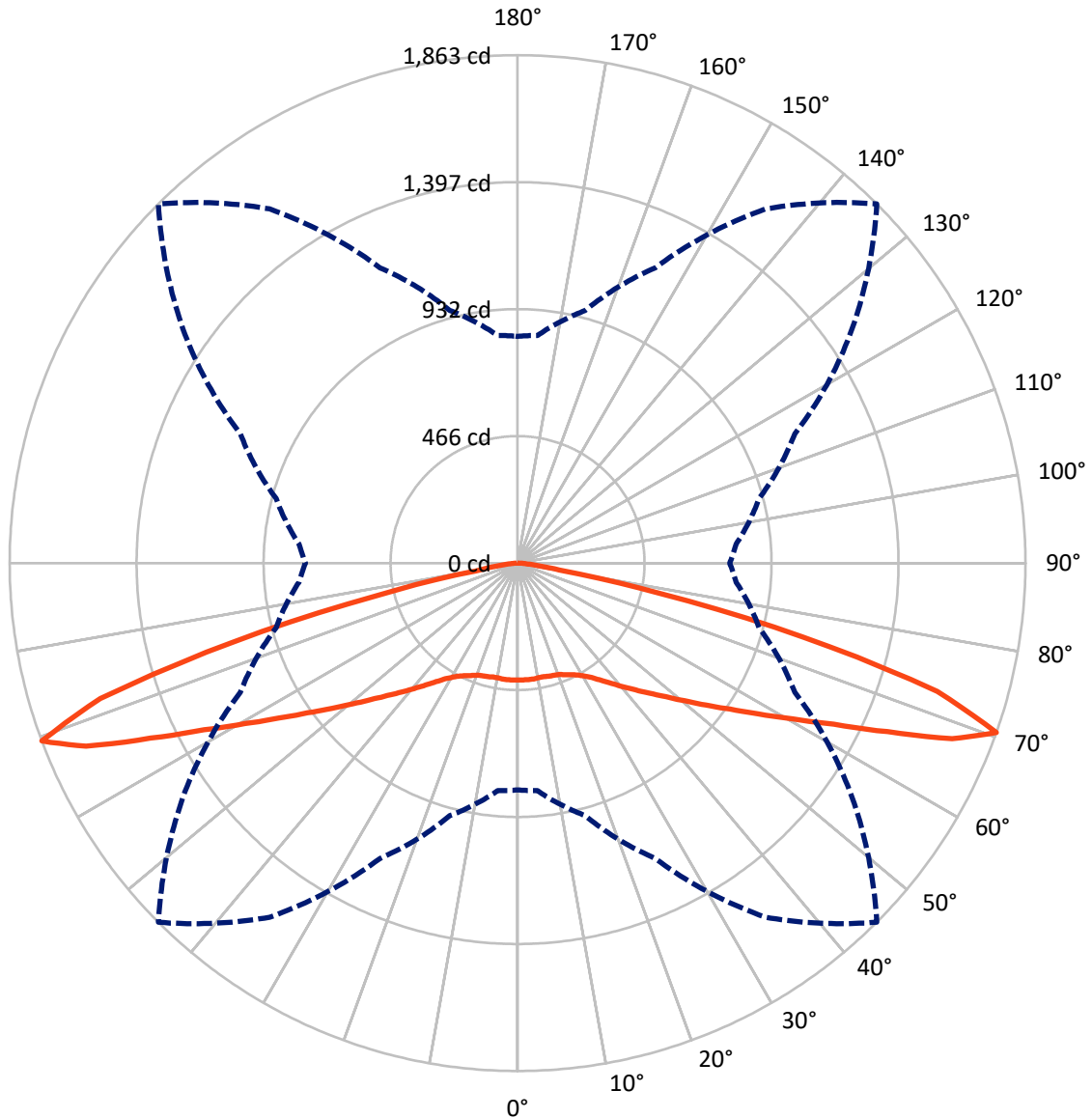
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.9 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	1951.5	0.0	1951.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1951.5	0.0	1951.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3903.0	0.0	3903.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.8	1.0
10°-20°	120.8	3.1
20°-30°	206.4	5.3
30°-40°	329.3	8.4
40°-50°	531.4	13.6
50°-60°	850.9	21.8
60°-70°	1245.6	31.9
70°-80°	547.8	14.0
80°-90°	30.0	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°	3903.0	100.0
0°-180°	3903.0	100.0



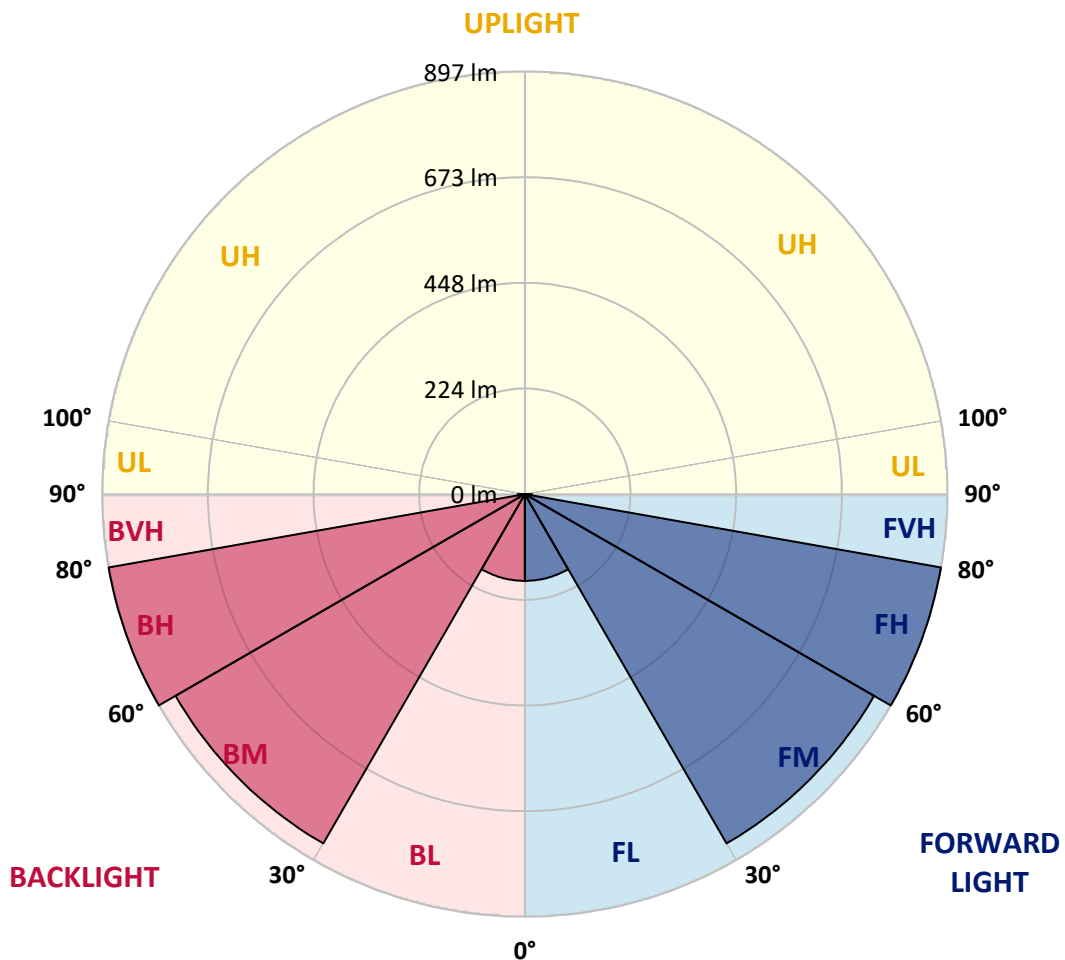
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	184.0	4.7			
FM (30°-60°)	855.8	21.9			
FH (60°-80°)	896.7	23.0			G1/1800
FVH (80°-90°)	15.0	0.4			G1/100
BL (0°-30°)	184.0	4.7	B1/500		
BM (30°-60°)	855.8	21.9	B1/1000		
BH (60°-80°)	896.7	23.0	B2/1000		G1/1800
BVH (80°-90°)	15.0	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°	429.2	429.2	429.2	429.2	429.2	429.2	429.2	429.2	429.2	429.2	429.2
2.5°	428.7	428.4	428.9	429.2	428.7	428.9	427.3	427.3	428.1	427.3	428.4
5°	430.6	430.0	430.6	430.6	429.2	429.2	427.3	426.7	427.3	425.9	427.0
7.5°	430.9	429.8	430.6	430.3	429.2	429.2	426.4	425.3	425.6	424.2	425.1
10°	428.1	427.5	428.7	428.1	427.3	427.3	425.1	423.4	423.4	422.0	422.8
12.5°	426.4	425.9	427.3	427.5	427.0	427.3	424.5	422.3	421.5	419.8	420.4
15°	426.4	425.3	427.5	428.1	428.7	430.6	426.4	422.6	420.9	418.7	419.3
17.5°	426.2	425.6	428.1	430.0	430.6	432.8	428.1	424.0	422.0	418.7	419.3
20°	426.2	425.9	428.9	432.5	434.2	436.1	431.1	427.3	424.0	420.4	420.4
22.5°	427.5	427.3	431.4	436.7	441.4	444.7	438.9	432.5	428.1	423.4	422.8
25°	433.4	432.8	437.8	444.1	450.5	453.8	448.0	441.7	435.3	430.0	429.5
27.5°	445.2	445.0	449.9	457.7	462.1	464.6	459.6	454.1	447.7	441.7	441.4
30°	461.3	461.3	467.6	475.7	478.2	480.1	475.1	471.2	464.6	458.0	457.4
32.5°	480.6	481.8	489.2	498.1	499.7	500.8	495.6	493.1	485.9	478.7	477.6
35°	506.1	506.4	515.5	524.3	526.6	527.7	521.6	519.4	512.7	505.0	503.3
37.5°	538.4	537.6	546.2	556.1	558.4	559.7	554.8	553.1	544.8	537.1	534.6
40°	574.7	575.2	584.9	594.3	595.7	596.2	593.8	591.3	583.5	574.7	571.6
42.5°	616.7	616.7	628.0	639.1	639.1	636.3	635.2	634.7	627.2	617.3	613.9
45°	664.8	665.4	679.5	687.8	688.3	680.9	682.0	685.3	678.1	665.4	661.0
47.5°	717.7	718.5	735.1	744.2	742.5	732.9	738.9	740.6	732.3	716.0	710.2
50°	773.2	775.7	794.3	810.3	808.1	794.0	802.0	802.6	789.0	770.2	762.2
52.5°	833.2	839.1	863.7	880.8	883.0	865.3	872.2	871.7	854.3	828.5	823.3
55°	907.6	911.0	935.3	959.6	967.9	946.1	953.8	950.0	926.4	897.1	888.3
57.5°	982.0	987.0	1018.3	1045.6	1062.2	1043.7	1045.4	1035.4	1005.8	970.4	966.0
60°	1070.3	1072.5	1107.0	1142.7	1171.5	1160.4	1152.7	1131.9	1097.1	1061.7	1055.3
62.5°	1142.4	1146.9	1198.3	1250.8	1299.5	1301.5	1277.9	1247.0	1191.4	1132.2	1119.5
65°	1162.3	1169.5	1241.7	1345.4	1446.6	1491.7	1427.3	1332.7	1208.5	1119.2	1100.1
67.5°	1069.7	1083.5	1186.7	1359.0	1583.5	1718.8	1546.2	1292.0	1118.7	1014.4	996.1
70°	831.9	838.0	959.1	1195.5	1585.7	1863.1	1498.4	1122.0	917.0	805.0	778.2
72.5°	441.9	445.0	554.2	805.0	1290.4	1609.5	1238.1	785.1	539.8	438.1	407.4
75°	142.7	146.6	190.8	329.6	711.8	1081.6	730.1	326.6	186.1	150.2	142.1
77.5°	72.7	72.5	80.5	106.2	239.5	530.1	253.3	114.5	80.5	72.2	70.0
80°	45.4	44.5	50.6	58.1	83.8	154.9	91.0	64.2	50.9	43.7	43.4
82.5°	25.7	25.7	34.0	37.3	47.3	63.9	53.1	44.0	34.8	26.0	25.2
85°	14.4	12.7	21.3	23.5	27.1	31.5	32.4	28.5	23.5	14.4	14.9
87.5°	5.3	5.8	10.0	9.4	10.8	7.5	13.3	14.9	13.3	6.9	5.8
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)