

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: P672501

Luminaire Tested: **CCP-SA-1D-722-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672501
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1D-722-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5MQ distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

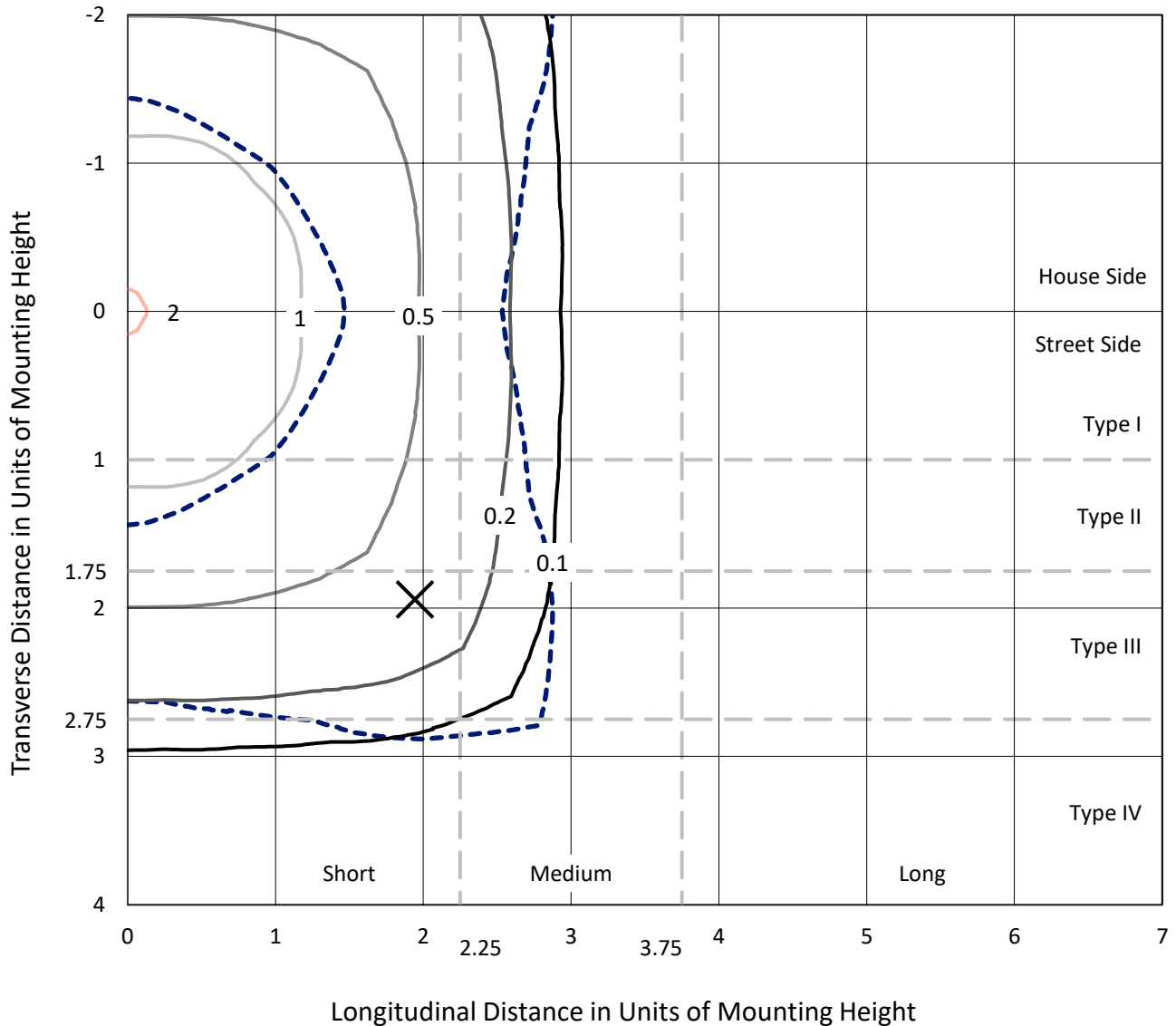
Lumens per Lamp: N/A
Luminaire Lumens: 4240.4 lumens
Efficiency: N/A
Efficacy: 96.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 44
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

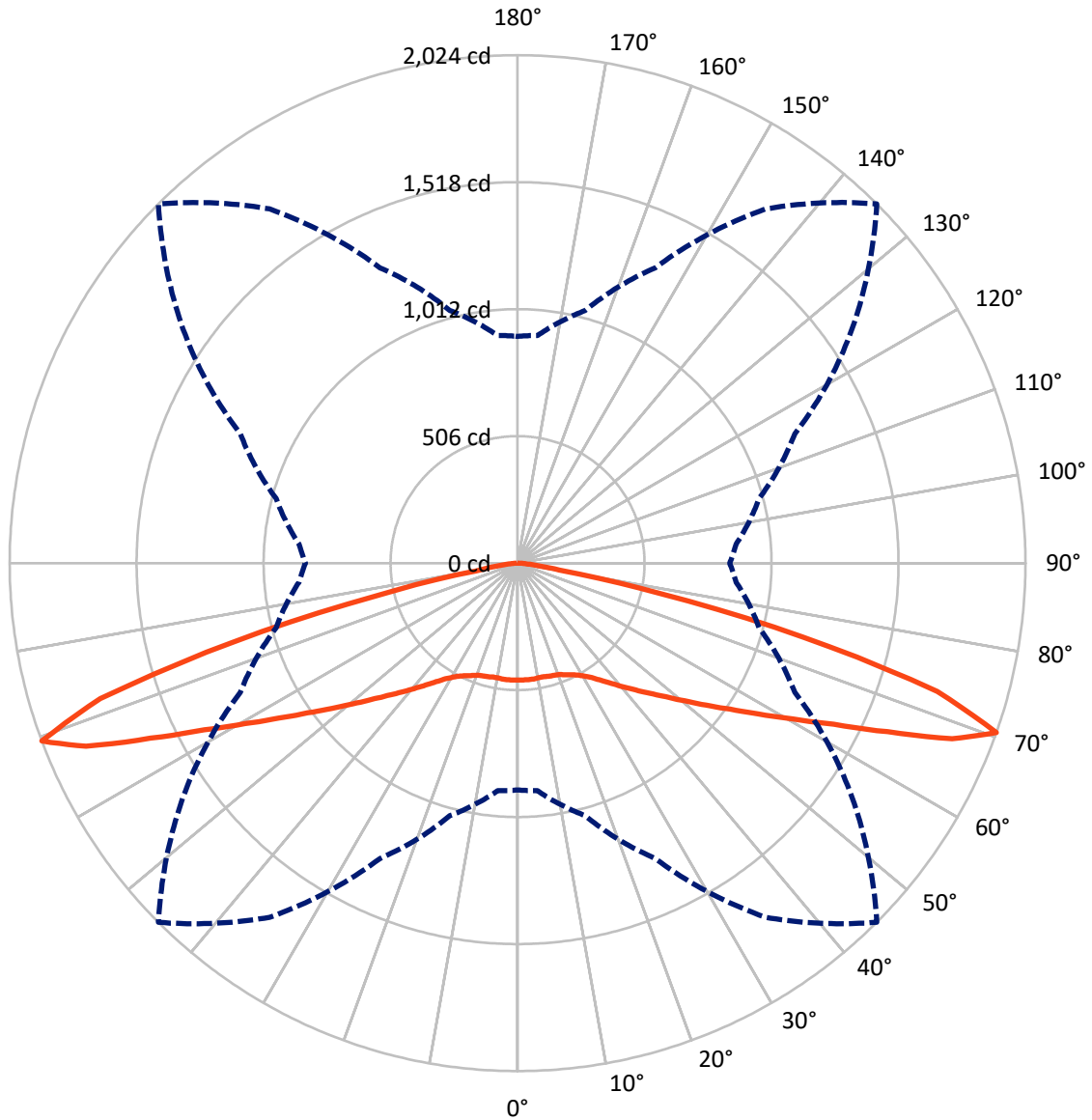
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.1 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	2120.2	0.0	2120.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2120.2	0.0	2120.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	4240.4	0.0	4240.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.4	1.0
10°-20°	131.3	3.1
20°-30°	224.2	5.3
30°-40°	357.8	8.4
40°-50°	577.3	13.6
50°-60°	924.4	21.8
60°-70°	1353.3	31.9
70°-80°	595.2	14.0
80°-90°	32.6	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°	4240.4	100.0
0°-180°	4240.4	100.0



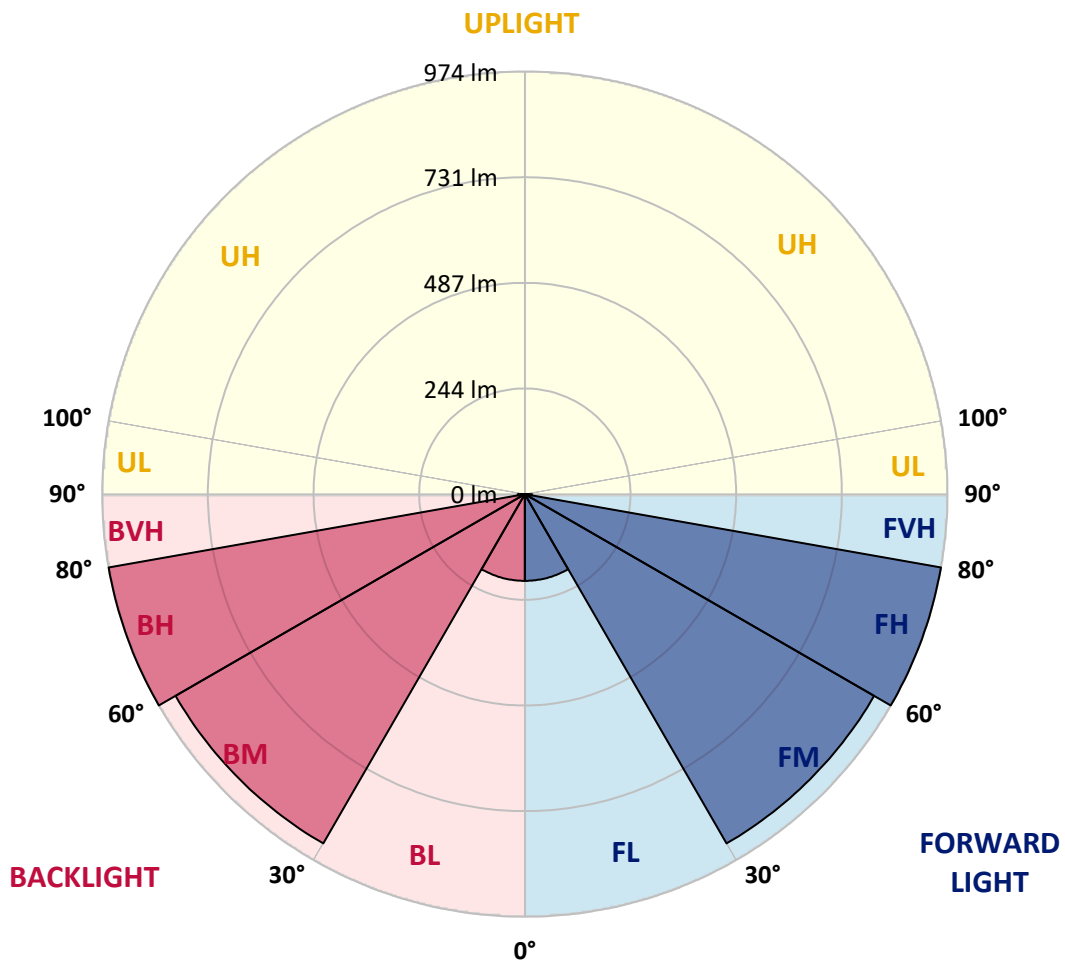
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	199.9	4.7			
FM (30°-60°)	929.7	21.9			
FH (60°-80°)	974.2	23.0			G1/1800
FVH (80°-90°)	16.3	0.4			G1/100
BL (0°-30°)	199.9	4.7	B1/500		
BM (30°-60°)	929.7	21.9	B1/1000		
BH (60°-80°)	974.2	23.0	B2/1000		G1/1800
BVH (80°-90°)	16.3	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°	466.3	466.3	466.3	466.3	466.3	466.3	466.3	466.3	466.3	466.3	466.3
2.5°	465.7	465.4	466.0	466.3	465.7	466.0	464.2	464.2	465.1	464.2	465.4
5°	467.8	467.2	467.8	467.8	466.3	466.3	464.2	463.6	464.2	462.7	463.9
7.5°	468.1	466.9	467.8	467.5	466.3	466.3	463.3	462.1	462.4	460.9	461.8
10°	465.1	464.5	465.7	465.1	464.2	464.2	461.8	460.0	460.0	458.5	459.4
12.5°	463.3	462.7	464.2	464.5	463.9	464.2	461.2	458.8	457.9	456.1	456.7
15°	463.3	462.1	464.5	465.1	465.7	467.8	463.3	459.1	457.3	454.9	455.5
17.5°	463.0	462.4	465.1	467.2	467.8	470.2	465.1	460.6	458.5	454.9	455.5
20°	463.0	462.7	466.0	469.9	471.7	473.8	468.4	464.2	460.6	456.7	456.7
22.5°	464.5	464.2	468.7	474.4	479.5	483.1	476.8	469.9	465.1	460.0	459.4
25°	470.8	470.2	475.6	482.5	489.4	493.0	486.7	479.8	472.9	467.2	466.6
27.5°	483.7	483.4	488.8	497.3	502.1	504.8	499.4	493.3	486.4	479.8	479.5
30°	501.2	501.2	508.1	516.8	519.5	521.6	516.2	512.0	504.8	497.6	497.0
32.5°	522.2	523.4	531.5	541.1	542.9	544.1	538.4	535.7	527.9	520.1	518.9
35°	549.8	550.1	560.0	569.7	572.1	573.3	566.7	564.3	557.0	548.6	546.8
37.5°	585.0	584.1	593.4	604.2	606.6	608.1	602.7	600.9	591.9	583.5	580.8
40°	624.3	624.9	635.5	645.7	647.2	647.8	645.1	642.4	634.0	624.3	621.0
42.5°	670.0	670.0	682.3	694.3	694.3	691.3	690.1	689.5	681.4	670.6	667.0
45°	722.3	722.9	738.2	747.2	747.8	739.7	740.9	744.5	736.7	722.9	718.1
47.5°	779.7	780.6	798.6	808.5	806.7	796.2	802.8	804.6	795.6	777.9	771.6
50°	840.1	842.8	862.9	880.3	877.9	862.6	871.3	871.9	857.2	836.8	828.1
52.5°	905.3	911.6	938.3	956.9	959.3	940.1	947.6	947.0	928.1	900.2	894.5
55°	986.1	989.7	1016.1	1042.6	1051.6	1027.9	1036.3	1032.1	1006.5	974.7	965.1
57.5°	1066.9	1072.3	1106.3	1136.0	1154.0	1133.9	1135.7	1124.9	1092.8	1054.3	1049.5
60°	1162.8	1165.2	1202.7	1241.5	1272.7	1260.7	1252.3	1229.8	1191.9	1153.4	1146.5
62.5°	1241.2	1246.0	1301.9	1359.0	1411.8	1413.9	1388.4	1354.7	1294.4	1230.1	1216.2
65°	1262.8	1270.6	1349.0	1461.7	1571.7	1620.6	1550.6	1447.9	1313.0	1215.9	1195.2
67.5°	1162.2	1177.2	1289.2	1476.4	1720.4	1867.3	1679.8	1403.7	1215.3	1102.1	1082.2
70°	903.8	910.4	1042.0	1298.9	1722.8	2024.2	1627.9	1218.9	996.3	874.6	845.5
72.5°	480.1	483.4	602.1	874.6	1401.9	1748.6	1345.1	853.0	586.5	475.9	442.6
75°	155.0	159.2	207.3	358.1	773.4	1175.1	793.2	354.8	202.2	163.1	154.4
77.5°	79.0	78.7	87.4	115.4	260.2	576.0	275.2	124.4	87.4	78.4	76.0
80°	49.3	48.4	55.0	63.1	91.0	168.3	98.8	69.7	55.3	47.5	47.2
82.5°	27.9	27.9	37.0	40.6	51.4	69.4	57.7	47.8	37.9	28.2	27.3
85°	15.6	13.8	23.1	25.5	29.4	34.3	35.2	30.9	25.5	15.6	16.2
87.5°	5.7	6.3	10.8	10.2	11.7	8.1	14.4	16.2	14.4	7.5	6.3
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)