

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: P672543

Luminaire Tested: **CCP-SA-1B-740-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672543
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1B-740-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5MQ distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

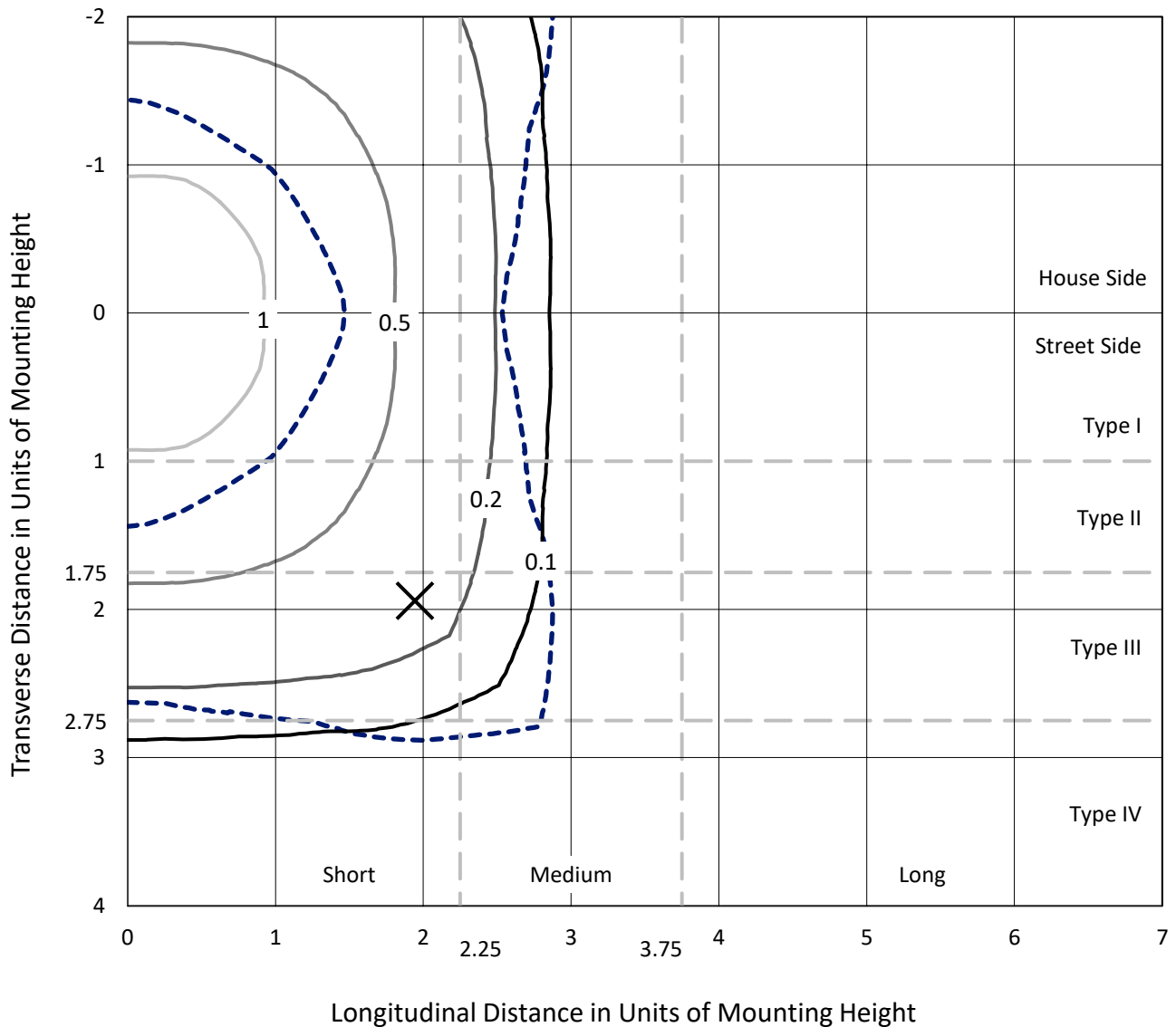
Lumens per Lamp: N/A
Luminaire Lumens: 3565 lumens
Efficiency: N/A
Efficacy: 148.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 24
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

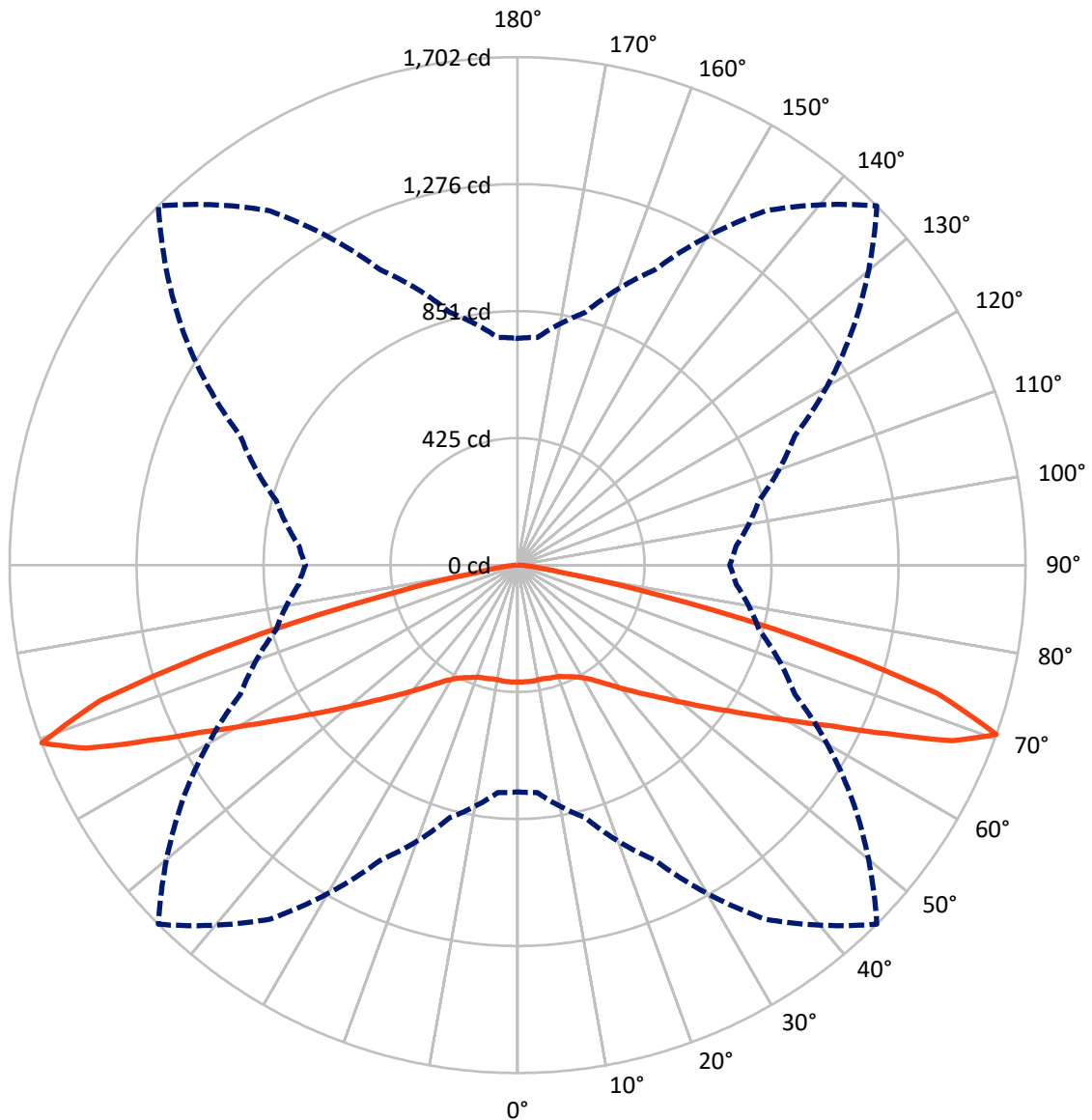
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.7 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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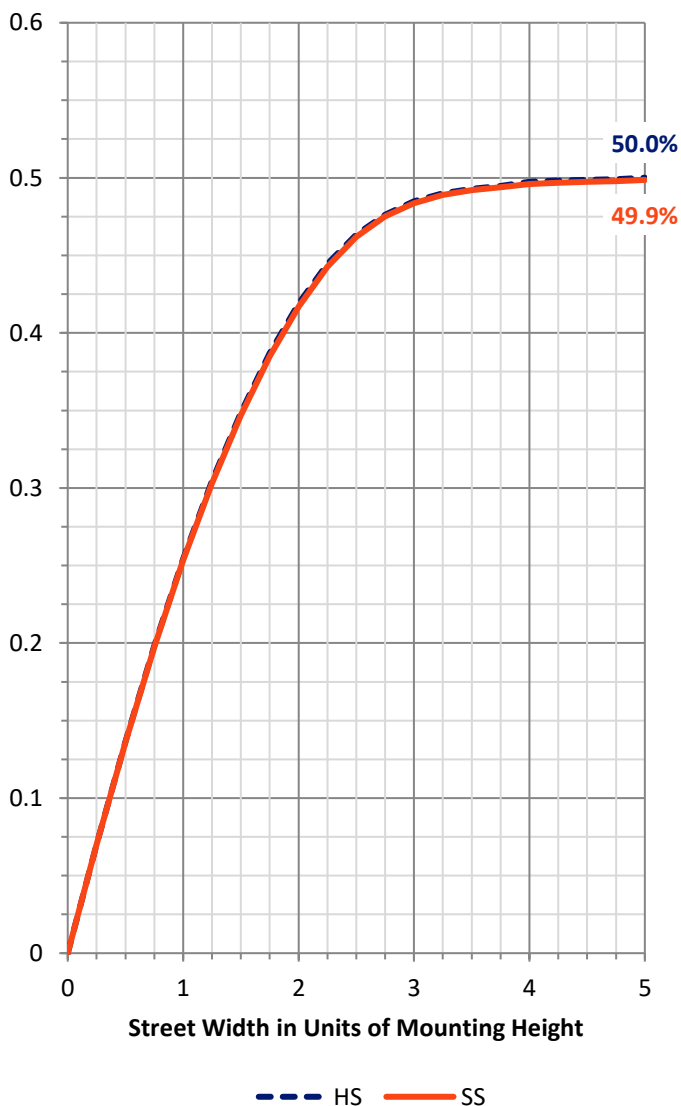
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1782.5	0.0	1782.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1782.5	0.0	1782.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3565.0	0.0	3565.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.3	1.0
10°-20°	110.4	3.1
20°-30°	188.5	5.3
30°-40°	300.8	8.4
40°-50°	485.3	13.6
50°-60°	777.2	21.8
60°-70°	1137.7	31.9
70°-80°	500.4	14.0
80°-90°	27.4	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°	3565.0	100.0
0°-180°	3565.0	100.0



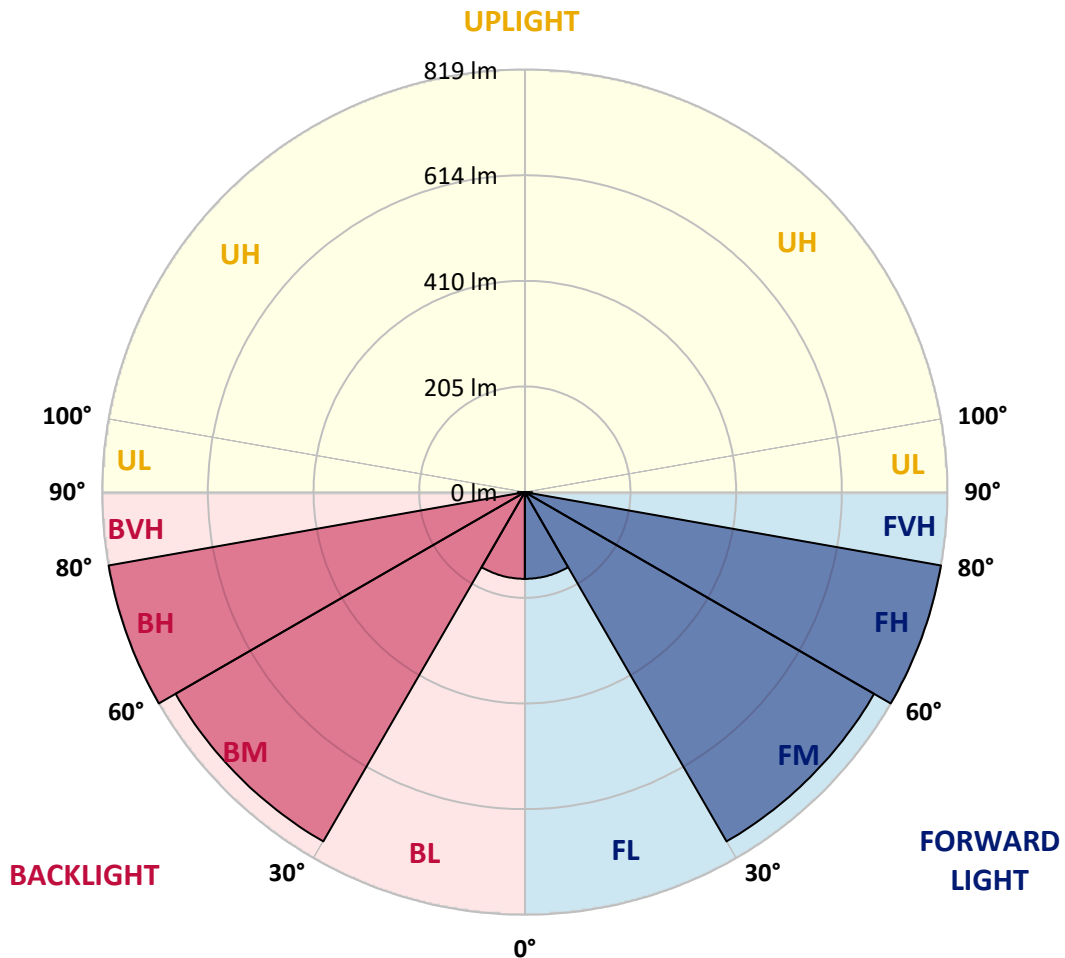
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	168.1	4.7			
FM (30°-60°)	781.6	21.9			
FH (60°-80°)	819.1	23.0			G1/1800
FVH (80°-90°)	13.7	0.4			G1/100
BL (0°-30°)	168.1	4.7	B1/500		
BM (30°-60°)	781.6	21.9	B1/1000		
BH (60°-80°)	819.1	23.0	B2/1000		G1/1800
BVH (80°-90°)	13.7	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	392.0	392.0	392.0	392.0	392.0	392.0	392.0	392.0	392.0	392.0	392.0
2.5°	391.5	391.3	391.8	392.0	391.5	391.8	390.3	390.3	391.0	390.3	391.3
5°	393.3	392.8	393.3	393.3	392.0	392.0	390.3	389.8	390.3	389.0	390.0
7.5°	393.5	392.5	393.3	393.0	392.0	392.0	389.5	388.5	388.7	387.5	388.2
10°	391.0	390.5	391.5	391.0	390.3	390.3	388.2	386.7	386.7	385.5	386.2
12.5°	389.5	389.0	390.3	390.5	390.0	390.3	387.7	385.7	385.0	383.4	383.9
15°	389.5	388.5	390.5	391.0	391.5	393.3	389.5	386.0	384.5	382.4	382.9
17.5°	389.3	388.7	391.0	392.8	393.3	395.3	391.0	387.2	385.5	382.4	382.9
20°	389.3	389.0	391.8	395.1	396.6	398.3	393.8	390.3	387.2	383.9	383.9
22.5°	390.5	390.3	394.0	398.8	403.1	406.2	400.9	395.1	391.0	386.7	386.2
25°	395.8	395.3	399.9	405.7	411.5	414.5	409.2	403.4	397.6	392.8	392.3
27.5°	406.7	406.4	411.0	418.0	422.1	424.4	419.8	414.8	409.0	403.4	403.1
30°	421.3	421.3	427.1	434.5	436.7	438.5	434.0	430.4	424.4	418.3	417.8
32.5°	439.0	440.0	446.8	454.9	456.4	457.5	452.7	450.4	443.8	437.2	436.2
35°	462.3	462.5	470.8	478.9	480.9	482.0	476.4	474.4	468.3	461.2	459.7
37.5°	491.8	491.0	498.9	508.0	510.0	511.3	506.7	505.2	497.6	490.5	488.3
40°	524.9	525.4	534.2	542.8	544.1	544.6	542.3	540.1	533.0	524.9	522.1
42.5°	563.3	563.3	573.6	583.7	583.7	581.2	580.2	579.7	572.9	563.8	560.8
45°	607.2	607.7	620.6	628.2	628.7	621.9	622.9	625.9	619.4	607.7	603.7
47.5°	655.5	656.2	671.4	679.7	678.2	669.4	674.9	676.5	668.9	654.0	648.7
50°	706.3	708.5	725.5	740.1	738.1	725.2	732.5	733.0	720.7	703.5	696.2
52.5°	761.1	766.4	788.9	804.5	806.5	790.4	796.7	796.2	780.3	756.8	752.0
55°	829.0	832.1	854.3	876.5	884.1	864.1	871.2	867.7	846.2	819.4	811.3
57.5°	897.0	901.5	930.1	955.1	970.2	953.3	954.8	945.7	918.7	886.4	882.3
60°	977.5	979.6	1011.1	1043.7	1070.0	1059.9	1052.8	1033.9	1002.0	969.7	963.9
62.5°	1043.5	1047.5	1094.5	1142.5	1186.9	1188.7	1167.2	1139.0	1088.2	1034.1	1022.5
65°	1061.7	1068.2	1134.2	1228.9	1321.3	1362.5	1303.6	1217.3	1103.8	1022.3	1004.8
67.5°	977.0	989.7	1083.9	1241.3	1446.4	1569.9	1412.3	1180.1	1021.8	926.5	909.9
70°	759.8	765.4	876.0	1092.0	1448.4	1701.7	1368.6	1024.8	837.6	735.3	710.8
72.5°	403.6	406.4	506.2	735.3	1178.6	1470.1	1130.9	717.1	493.1	400.1	372.1
75°	130.3	133.9	174.3	301.1	650.2	987.9	666.9	298.3	170.0	137.2	129.8
77.5°	66.4	66.2	73.5	97.0	218.7	484.2	231.4	104.6	73.5	65.9	63.9
80°	41.4	40.7	46.2	53.0	76.5	141.5	83.1	58.6	46.5	39.9	39.7
82.5°	23.5	23.5	31.1	34.1	43.2	58.3	48.5	40.2	31.8	23.7	23.0
85°	13.1	11.6	19.4	21.5	24.8	28.8	29.6	26.0	21.5	13.1	13.6
87.5°	4.8	5.3	9.1	8.6	9.9	6.8	12.1	13.6	12.1	6.3	5.3
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)