

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: P672544

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672544
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-740-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5MQ distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

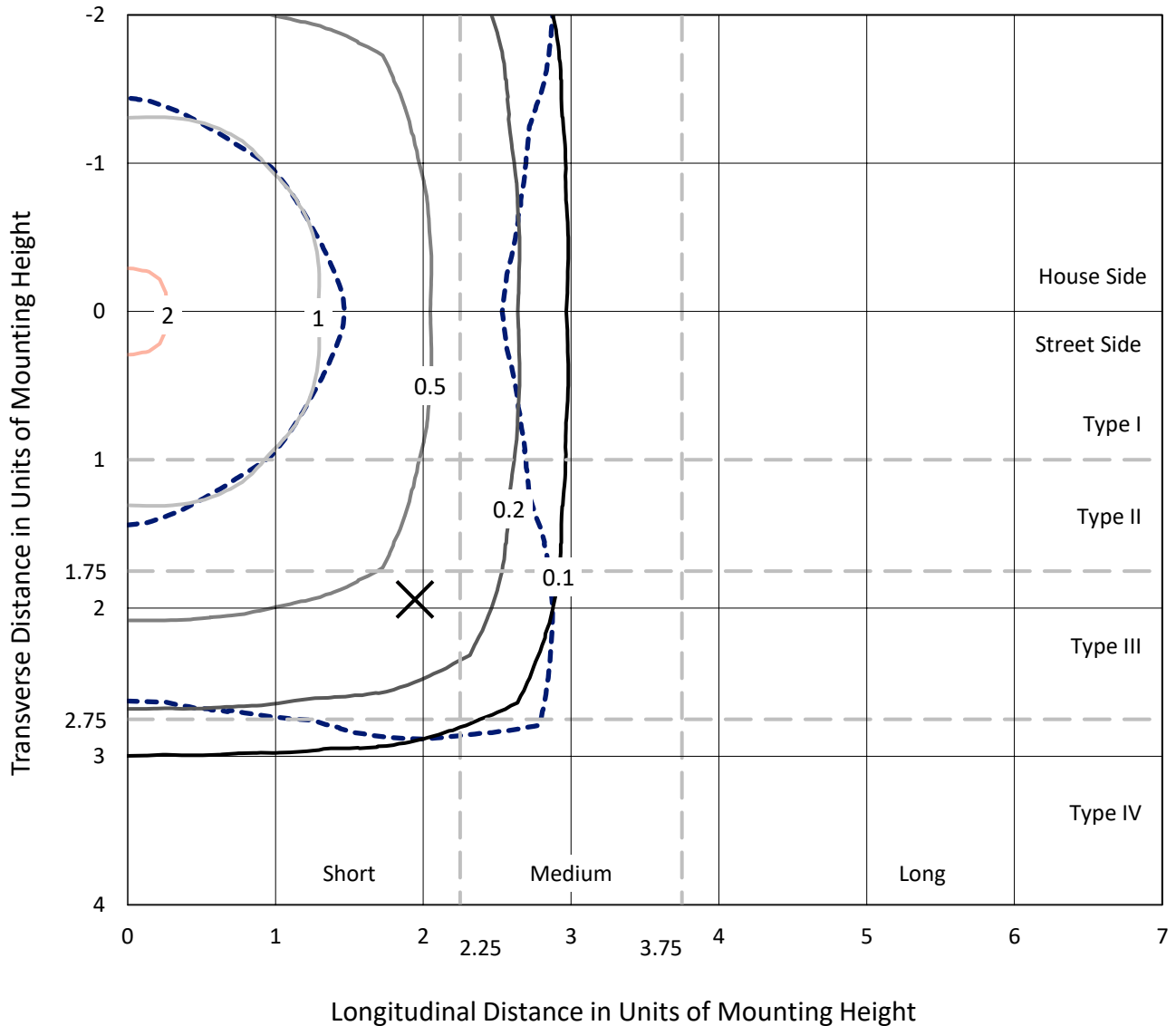
Lumens per Lamp: N/A
Luminaire Lumens: 4667.1 lumens
Efficiency: N/A
Efficacy: 145.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

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

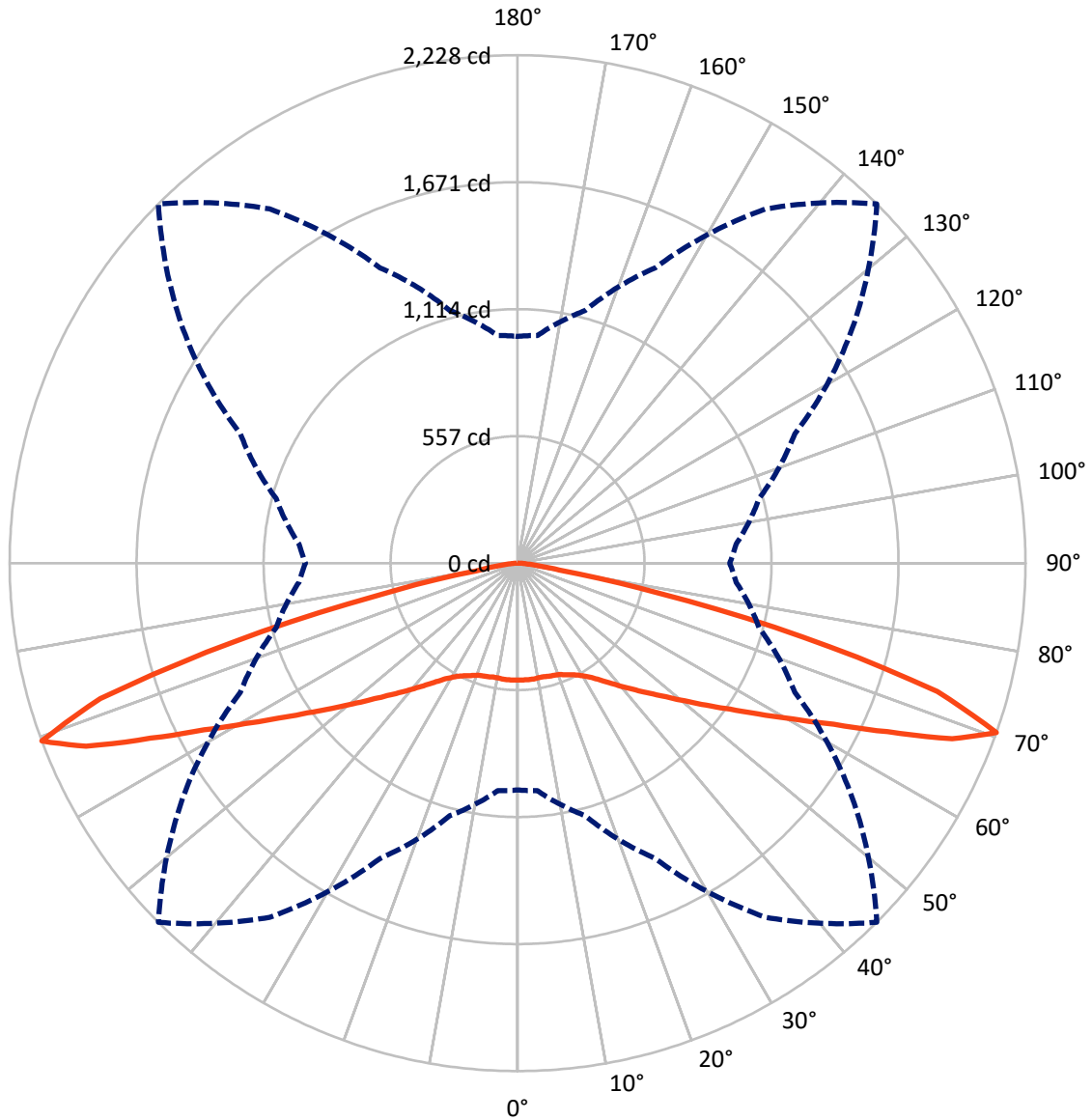
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.3 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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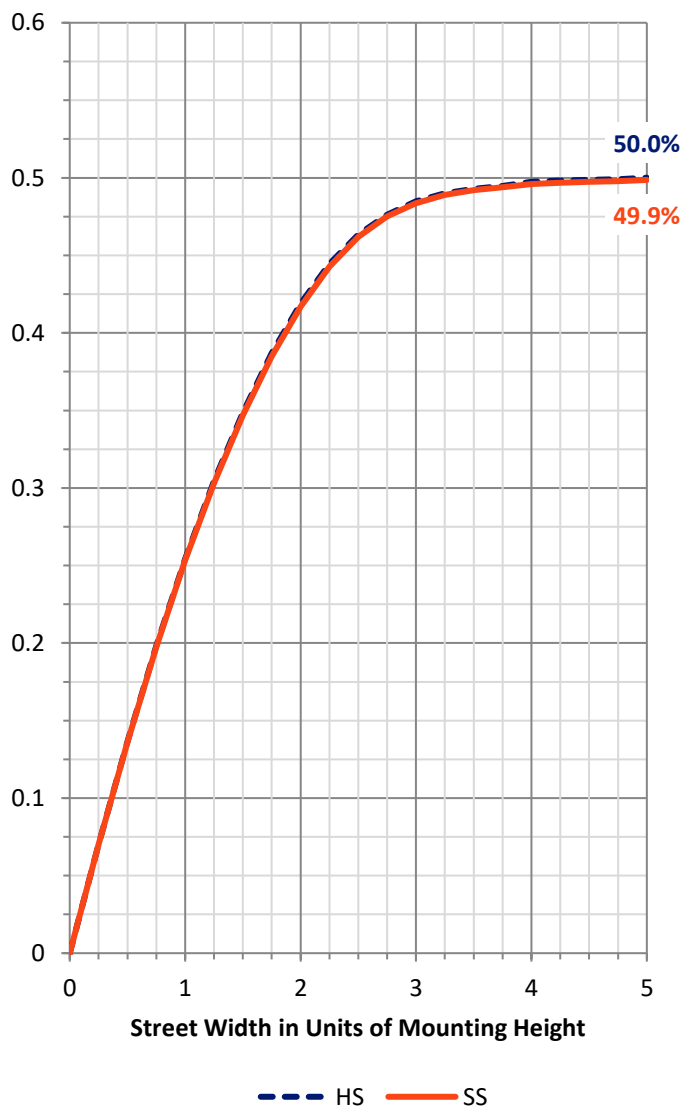
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2333.5	0.0	2333.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2333.5	0.0	2333.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	4667.1	0.0	4667.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.8	1.0
10°-20°	144.5	3.1
20°-30°	246.7	5.3
30°-40°	393.7	8.4
40°-50°	635.4	13.6
50°-60°	1017.4	21.8
60°-70°	1489.5	31.9
70°-80°	655.1	14.0
80°-90°	35.9	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°	4667.1	100.0
0°-180°	4667.1	100.0



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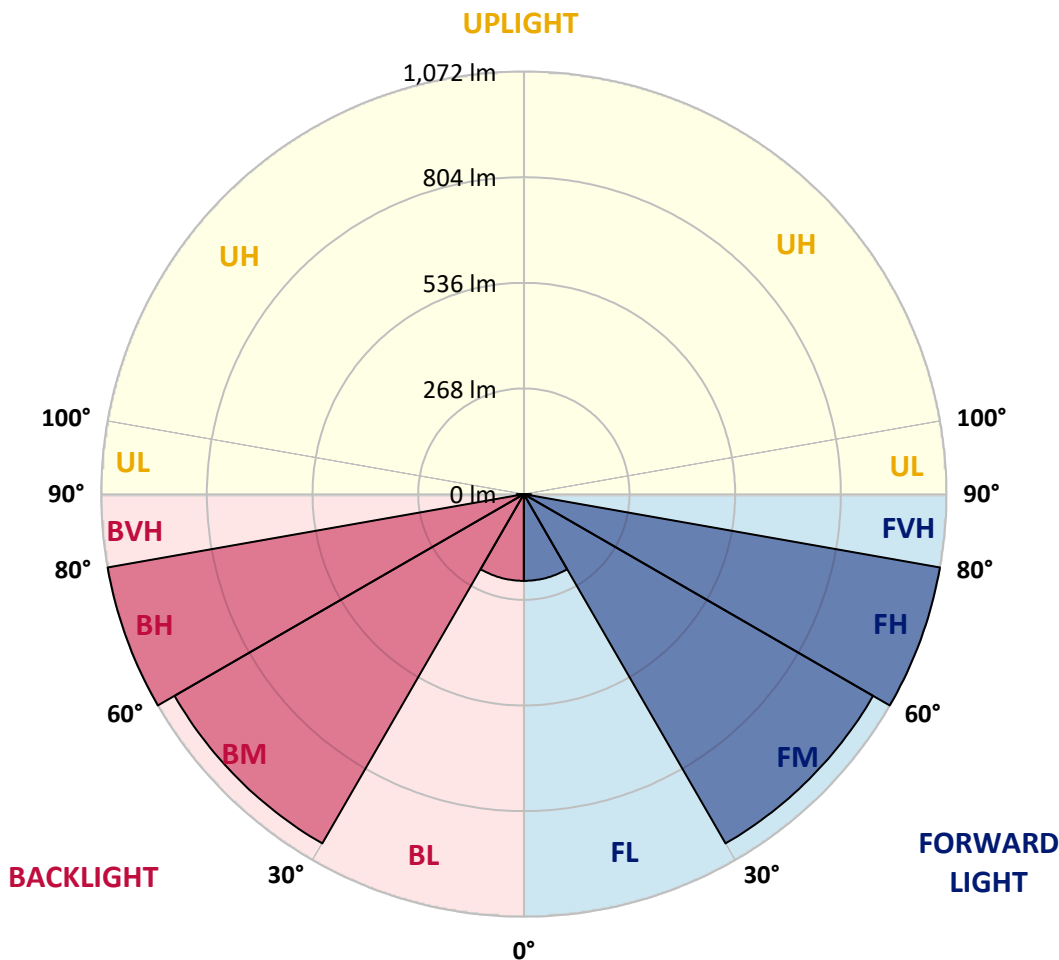
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	220.0	4.7			
FM (30°-60°)	1023.3	21.9			
FH (60°-80°)	1072.3	23.0			G1/1800
FVH (80°-90°)	18.0	0.4			G1/100
BL (0°-30°)	220.0	4.7	B1/500		
BM (30°-60°)	1023.3	21.9	B2/2500		
BH (60°-80°)	1072.3	23.0	B3/2500		G1/1800
BVH (80°-90°)	18.0	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	513.2	513.2	513.2	513.2	513.2	513.2	513.2	513.2	513.2	513.2	513.2
2.5°	512.6	512.2	512.9	513.2	512.6	512.9	510.9	510.9	511.9	510.9	512.2
5°	514.9	514.2	514.9	514.9	513.2	513.2	510.9	510.2	510.9	509.3	510.6
7.5°	515.2	513.9	514.9	514.5	513.2	513.2	509.9	508.6	508.9	507.3	508.3
10°	511.9	511.2	512.6	511.9	510.9	510.9	508.3	506.3	506.3	504.6	505.6
12.5°	509.9	509.3	510.9	511.2	510.6	510.9	507.6	505.0	504.0	502.0	502.6
15°	509.9	508.6	511.2	511.9	512.6	514.9	509.9	505.3	503.3	500.7	501.3
17.5°	509.6	508.9	511.9	514.2	514.9	517.5	511.9	506.9	504.6	500.7	501.3
20°	509.6	509.3	512.9	517.2	519.2	521.5	515.5	510.9	506.9	502.6	502.6
22.5°	511.2	510.9	515.9	522.2	527.8	531.7	524.8	517.2	511.9	506.3	505.6
25°	518.2	517.5	523.5	531.1	538.7	542.7	535.7	528.1	520.5	514.2	513.6
27.5°	532.4	532.1	538.0	547.3	552.6	555.5	549.6	543.0	535.4	528.1	527.8
30°	551.6	551.6	559.2	568.8	571.8	574.1	568.1	563.5	555.5	547.6	547.0
32.5°	574.7	576.1	585.0	595.6	597.5	598.9	592.6	589.6	581.0	572.4	571.1
35°	605.2	605.5	616.4	627.0	629.6	630.9	623.7	621.0	613.1	603.8	601.8
37.5°	643.8	642.9	653.1	665.0	667.7	669.3	663.4	661.4	651.4	642.2	639.2
40°	687.2	687.8	699.4	710.6	712.3	713.0	710.0	707.0	697.7	687.2	683.5
42.5°	737.4	737.4	751.0	764.2	764.2	760.9	759.6	758.9	750.0	738.1	734.1
45°	795.0	795.6	812.5	822.4	823.1	814.1	815.5	819.4	810.8	795.6	790.3
47.5°	858.1	859.1	879.0	889.9	887.9	876.3	883.6	885.6	875.7	856.1	849.2
50°	924.6	927.6	949.7	968.9	966.3	949.4	959.0	959.6	943.4	921.0	911.4
52.5°	996.4	1003.3	1032.7	1053.2	1055.9	1034.7	1043.0	1042.3	1021.5	990.7	984.4
55°	1085.3	1089.3	1118.4	1147.5	1157.4	1131.3	1140.5	1135.9	1107.8	1072.7	1062.2
57.5°	1174.3	1180.2	1217.6	1250.3	1270.2	1248.0	1250.0	1238.1	1202.7	1160.4	1155.1
60°	1279.7	1282.4	1323.7	1366.4	1400.8	1387.6	1378.3	1353.5	1311.8	1269.5	1261.9
62.5°	1366.1	1371.3	1432.9	1495.7	1553.9	1556.2	1528.1	1491.1	1424.6	1353.8	1338.6
65°	1389.9	1398.5	1484.8	1608.8	1729.8	1783.7	1706.7	1593.6	1445.1	1338.3	1315.5
67.5°	1279.1	1295.6	1419.0	1625.0	1893.5	2055.2	1848.9	1545.0	1337.6	1213.0	1191.1
70°	994.7	1002.0	1146.8	1429.5	1896.1	2227.8	1791.6	1341.6	1096.5	962.6	930.5
72.5°	528.4	532.1	662.7	962.6	1543.0	1924.6	1480.5	938.8	645.5	523.8	487.1
75°	170.6	175.3	228.2	394.2	851.2	1293.3	873.0	390.5	222.6	179.6	170.0
77.5°	87.0	86.6	96.2	127.0	286.4	633.9	302.9	136.9	96.2	86.3	83.7
80°	54.2	53.2	60.5	69.4	100.2	185.2	108.8	76.7	60.8	52.2	51.9
82.5°	30.8	30.8	40.7	44.6	56.5	76.4	63.5	52.6	41.7	31.1	30.1
85°	17.2	15.2	25.5	28.1	32.4	37.7	38.7	34.1	28.1	17.2	17.9
87.5°	6.3	6.9	11.9	11.2	12.9	8.9	15.9	17.9	15.9	8.3	6.9
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)