

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: P672545

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672545
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1D-740-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5MQ distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

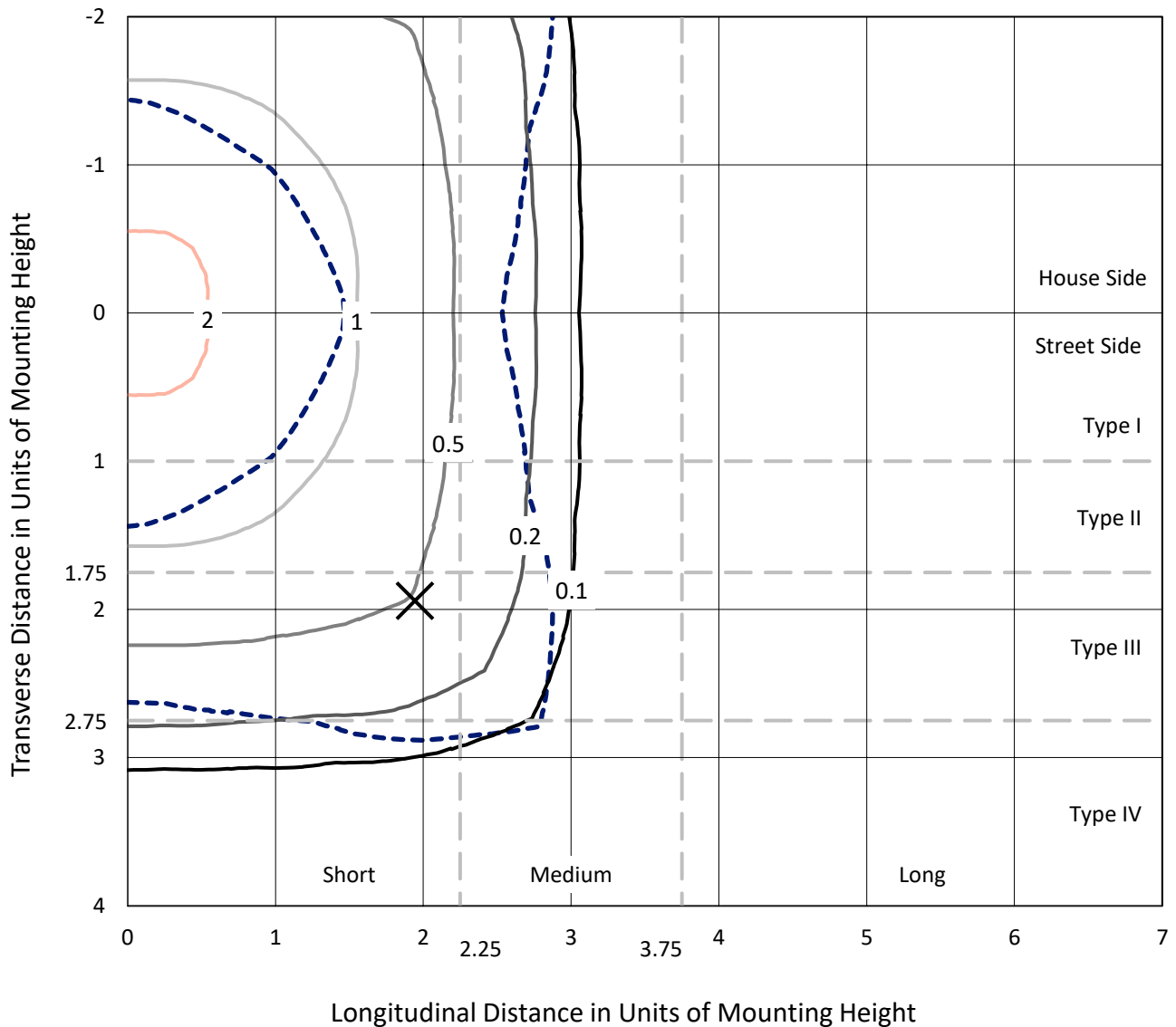
Lumens per Lamp: N/A
Luminaire Lumens: 5756.7 lumens
Efficiency: N/A
Efficacy: 130.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 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

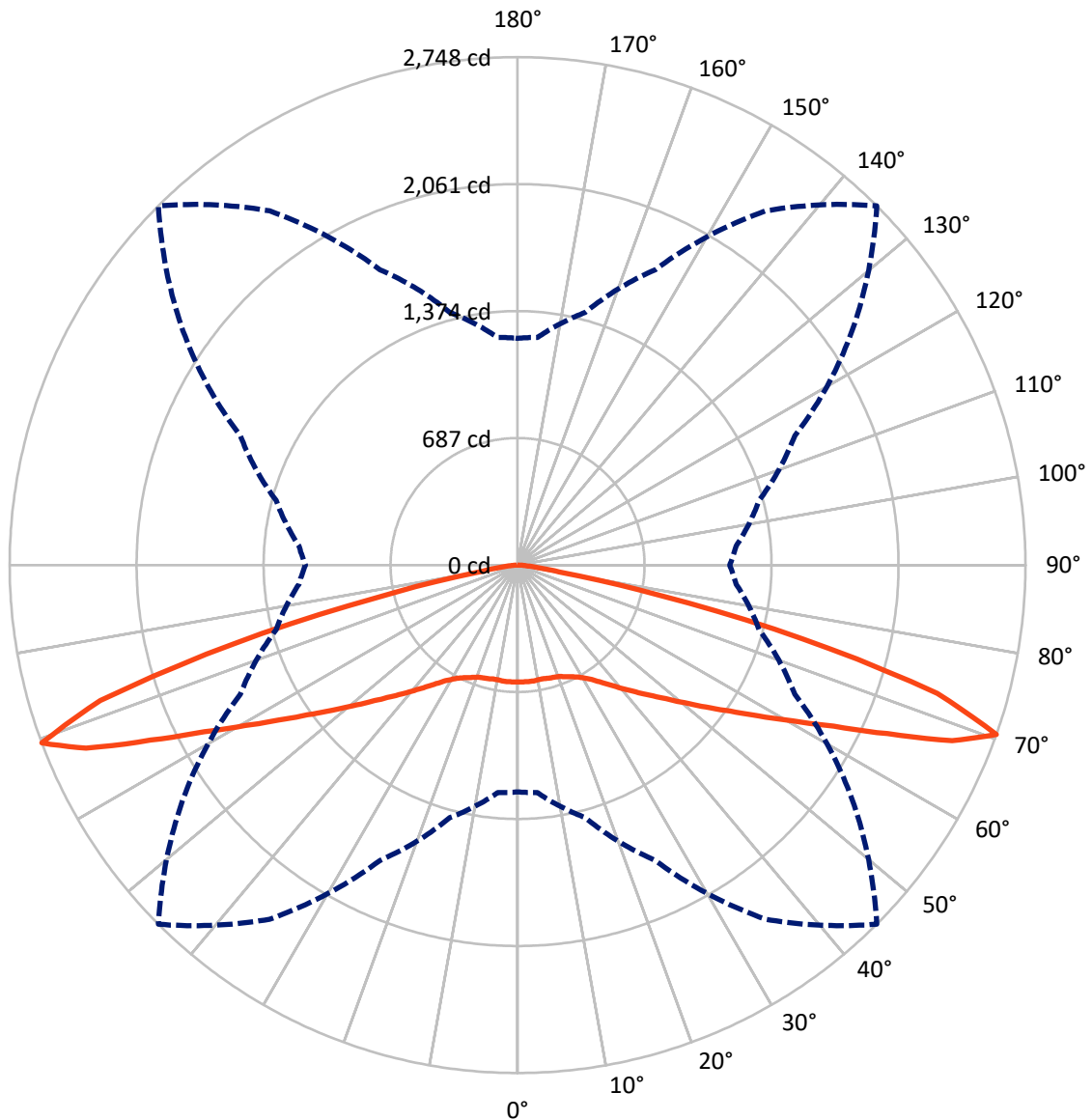
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.8 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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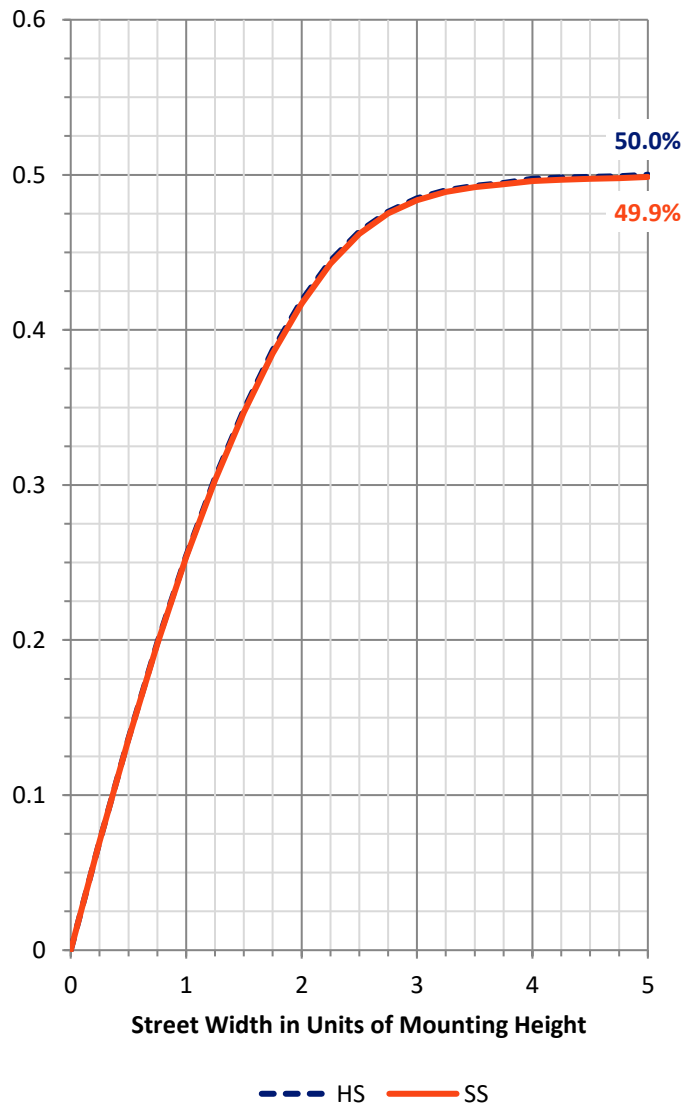
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2878.4	0.0	2878.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2878.4	0.0	2878.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	5756.7	0.0	5756.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.2	1.0
10°-20°	178.2	3.1
20°-30°	304.4	5.3
30°-40°	485.7	8.4
40°-50°	783.7	13.6
50°-60°	1255.0	21.8
60°-70°	1837.2	31.9
70°-80°	808.0	14.0
80°-90°	44.3	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°	5756.7	100.0
0°-180°	5756.7	100.0



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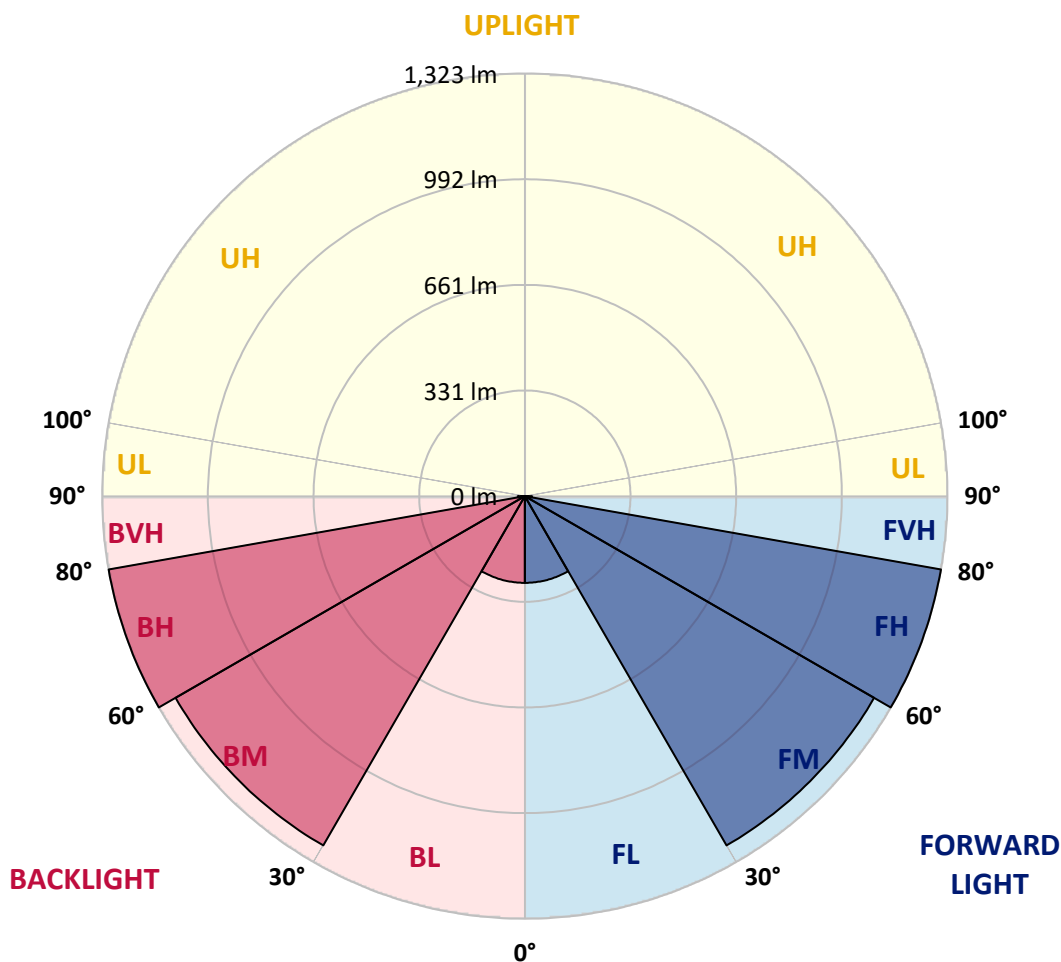
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	271.4	4.7			
FM (30°-60°)	1262.2	21.9			
FH (60°-80°)	1322.6	23.0			G1/1800
FVH (80°-90°)	22.1	0.4			G1/100
BL (0°-30°)	271.4	4.7	B1/500		
BM (30°-60°)	1262.2	21.9	B2/2500		
BH (60°-80°)	1322.6	23.0	B3/2500		G1/1800
BVH (80°-90°)	22.1	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°	633.0	633.0	633.0	633.0	633.0	633.0	633.0	633.0	633.0	633.0	633.0
2.5°	632.2	631.8	632.6	633.0	632.2	632.6	630.2	630.2	631.4	630.2	631.8
5°	635.1	634.3	635.1	635.1	633.0	633.0	630.2	629.4	630.2	628.2	629.8
7.5°	635.5	633.9	635.1	634.7	633.0	633.0	629.0	627.3	627.7	625.7	626.9
10°	631.4	630.6	632.2	631.4	630.2	630.2	626.9	624.5	624.5	622.4	623.7
12.5°	629.0	628.2	630.2	630.6	629.8	630.2	626.1	622.9	621.6	619.2	620.0
15°	629.0	627.3	630.6	631.4	632.2	635.1	629.0	623.3	620.8	617.5	618.4
17.5°	628.6	627.7	631.4	634.3	635.1	638.4	631.4	625.3	622.4	617.5	618.4
20°	628.6	628.2	632.6	637.9	640.4	643.2	635.9	630.2	625.3	620.0	620.0
22.5°	630.6	630.2	636.3	644.1	651.0	655.9	647.3	637.9	631.4	624.5	623.7
25°	639.2	638.4	645.7	655.1	664.5	669.4	660.8	651.4	642.0	634.3	633.5
27.5°	656.7	656.3	663.6	675.1	681.6	685.3	677.9	669.8	660.4	651.4	651.0
30°	680.4	680.4	689.7	701.6	705.2	708.1	700.8	695.0	685.3	675.5	674.7
32.5°	708.9	710.5	721.6	734.6	737.1	738.7	730.9	727.3	716.7	706.1	704.4
35°	746.4	746.9	760.3	773.4	776.6	778.3	769.3	766.0	756.2	744.8	742.4
37.5°	794.2	792.9	805.6	820.3	823.5	825.6	818.2	815.8	803.5	792.1	788.5
40°	847.6	848.4	862.7	876.6	878.6	879.4	875.7	872.1	860.7	847.6	843.1
42.5°	909.6	909.6	926.3	942.6	942.6	938.6	936.9	936.1	925.1	910.4	905.5
45°	980.6	981.4	1002.2	1014.4	1015.2	1004.2	1005.9	1010.8	1000.2	981.4	974.9
47.5°	1058.5	1059.7	1084.2	1097.6	1095.2	1080.9	1089.9	1092.3	1080.1	1056.0	1047.5
50°	1140.5	1144.1	1171.5	1195.1	1191.9	1171.1	1182.9	1183.7	1163.7	1136.0	1124.2
52.5°	1229.0	1237.5	1273.8	1299.1	1302.4	1276.3	1286.5	1285.7	1260.0	1222.0	1214.3
55°	1338.7	1343.6	1379.5	1415.4	1427.6	1395.4	1406.8	1401.1	1366.4	1323.2	1310.2
57.5°	1448.4	1455.8	1501.9	1542.2	1566.7	1539.4	1541.8	1527.2	1483.5	1431.3	1424.8
60°	1578.5	1581.8	1632.8	1685.4	1727.8	1711.5	1700.1	1669.5	1618.1	1565.9	1556.5
62.5°	1685.0	1691.5	1767.4	1844.9	1916.7	1919.5	1884.9	1839.2	1757.2	1669.9	1651.2
65°	1714.4	1725.0	1831.4	1984.4	2133.7	2200.2	2105.1	1965.6	1782.5	1650.7	1622.6
67.5°	1577.7	1598.1	1750.3	2004.4	2335.6	2535.1	2280.5	1905.7	1649.9	1496.2	1469.2
70°	1226.9	1235.9	1414.6	1763.3	2338.9	2748.0	2210.0	1654.8	1352.6	1187.4	1147.8
72.5°	651.8	656.3	817.4	1187.4	1903.2	2373.9	1826.1	1158.0	796.2	646.1	600.8
75°	210.5	216.2	281.4	486.2	1049.9	1595.3	1076.8	481.7	274.5	221.5	209.7
77.5°	107.3	106.9	118.7	156.6	353.2	781.9	373.6	168.9	118.7	106.5	103.2
80°	66.9	65.7	74.6	85.7	123.6	228.4	134.2	94.6	75.1	64.4	64.0
82.5°	37.9	37.9	50.2	55.1	69.7	94.2	78.3	64.9	51.4	38.3	37.1
85°	21.2	18.8	31.4	34.7	40.0	46.5	47.7	42.0	34.7	21.2	22.0
87.5°	7.7	8.6	14.7	13.9	15.9	11.0	19.6	22.0	19.6	10.2	8.6
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)