

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: P672397

Luminaire Tested: **CCP-SA-2E-735-U-5WQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672397
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2E-735-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5WQ distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

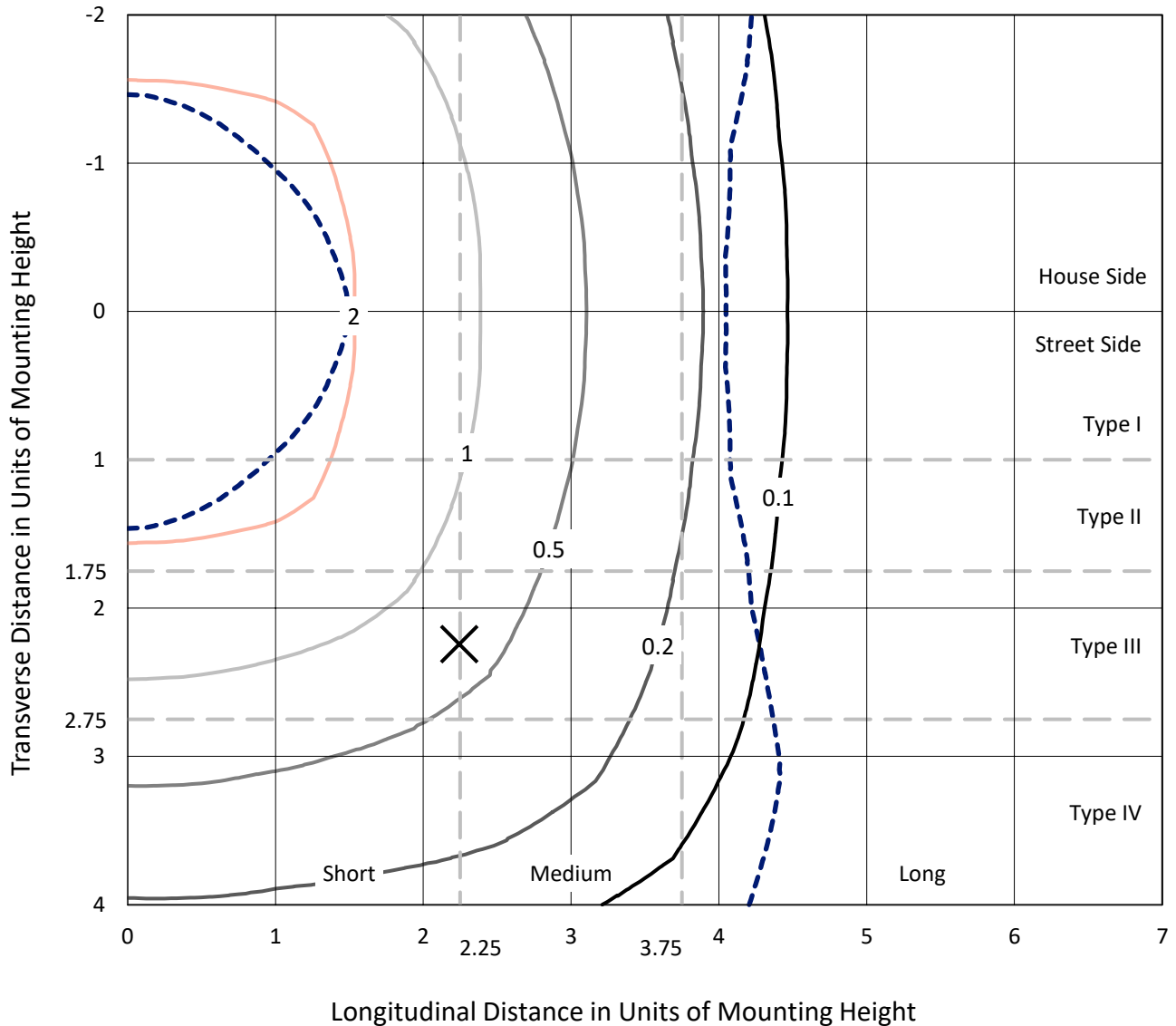
Lumens per Lamp: N/A
Luminaire Lumens: 14134.5 lumens
Efficiency: N/A
Efficacy: 132.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G3

Input Watts (W): 106.6
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

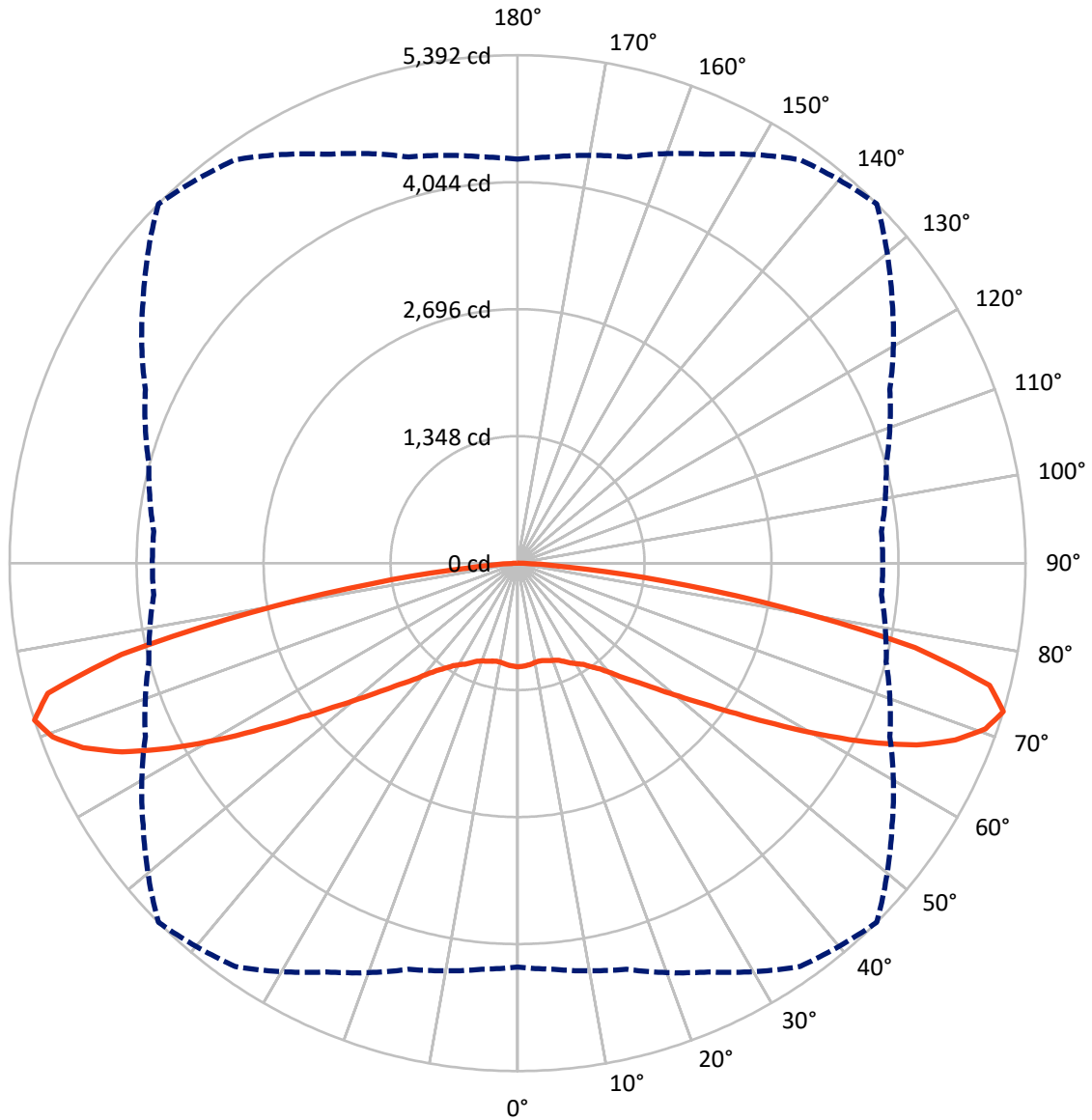
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.9 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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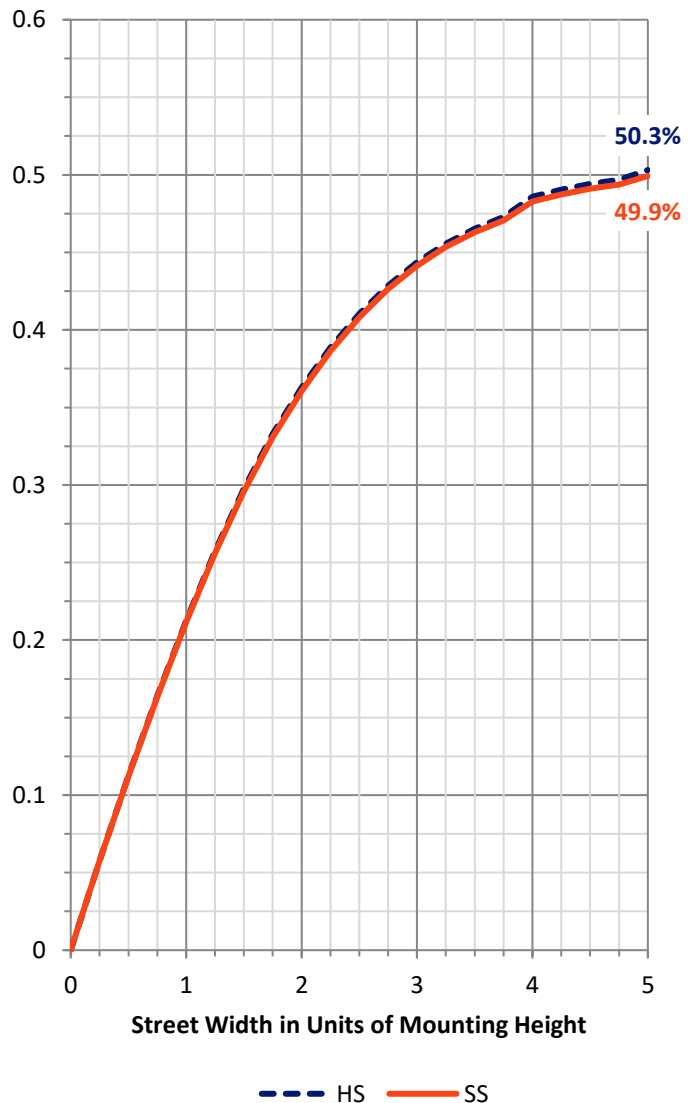
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7067.2	0.0	7067.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	7067.2	0.0	7067.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	14134.5	0.0	14134.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	103.4	0.7
10°-20°	307.0	2.2
20°-30°	539.3	3.8
30°-40°	860.4	6.1
40°-50°	1438.7	10.2
50°-60°	2461.8	17.4
60°-70°	4064.1	28.8
70°-80°	3895.3	27.6
80°-90°	464.5	3.3
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°	14134.5	100.0
0°-180°	14134.5	100.0



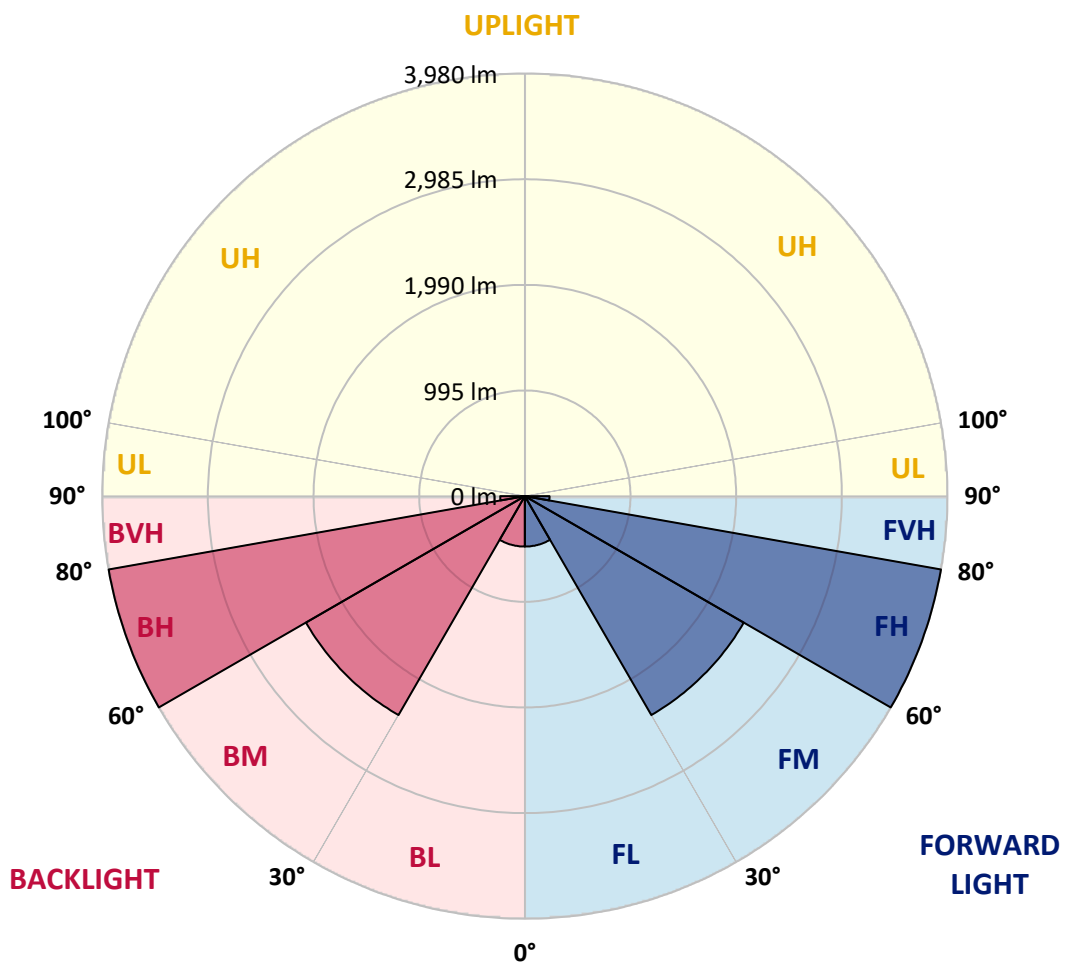
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	474.8	3.4			
FM (30°-60°)	2380.4	16.8			
FH (60°-80°)	3979.7	28.2			G2/5000
FVH (80°-90°)	232.3	1.6			G3/500
BL (0°-30°)	474.8	3.4	B1/500		
BM (30°-60°)	2380.4	16.8	B2/2500		
BH (60°-80°)	3979.7	28.2	B4/5000		G2/5000
BVH (80°-90°)	232.3	1.6			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1100.7	1100.7	1100.7	1100.7	1100.7	1100.7	1100.7	1100.7	1100.7	1100.7	1100.7
2.5°	1093.8	1093.8	1096.7	1097.7	1096.7	1095.7	1094.8	1093.8	1096.7	1095.7	1096.7
5°	1090.8	1090.8	1091.8	1092.8	1090.8	1089.8	1087.9	1086.9	1088.8	1088.8	1090.8
7.5°	1082.9	1081.9	1082.9	1083.9	1080.9	1080.0	1077.0	1077.0	1077.0	1076.0	1078.0
10°	1076.0	1074.0	1074.0	1072.1	1067.1	1068.1	1064.2	1067.1	1072.1	1073.1	1074.0
12.5°	1079.0	1077.0	1075.0	1070.1	1063.2	1064.2	1063.2	1066.2	1073.1	1077.0	1080.0
15°	1092.8	1090.8	1085.9	1077.0	1073.1	1073.1	1071.1	1072.1	1081.9	1087.9	1090.8
17.5°	1107.6	1103.6	1094.8	1088.8	1084.9	1087.9	1080.9	1080.0	1087.9	1096.7	1099.7
20°	1119.4	1116.5	1105.6	1098.7	1098.7	1101.7	1094.8	1090.8	1099.7	1110.5	1113.5
22.5°	1140.1	1138.2	1127.3	1120.4	1120.4	1121.4	1117.4	1114.5	1124.3	1135.2	1138.2
25°	1169.7	1169.7	1158.9	1155.9	1154.9	1156.9	1152.0	1149.0	1157.9	1165.8	1168.7
27.5°	1204.2	1201.3	1192.4	1190.4	1194.4	1201.3	1192.4	1184.5	1191.4	1198.3	1199.3
30°	1240.7	1240.7	1232.8	1232.8	1235.8	1238.7	1230.9	1223.0	1229.9	1237.8	1238.7
32.5°	1292.0	1289.0	1286.1	1287.1	1286.1	1282.1	1278.2	1277.2	1283.1	1288.1	1290.0
35°	1355.1	1354.1	1350.2	1352.2	1352.2	1352.2	1340.3	1336.4	1346.3	1350.2	1348.2
37.5°	1452.8	1451.8	1441.9	1436.0	1429.1	1426.1	1411.3	1410.4	1434.0	1445.9	1443.9
40°	1572.1	1568.2	1559.3	1549.4	1540.5	1534.6	1519.8	1530.7	1555.3	1564.2	1564.2
42.5°	1702.3	1697.4	1687.5	1682.6	1676.7	1670.7	1651.0	1655.9	1685.5	1694.4	1684.5
45°	1862.1	1855.2	1844.3	1833.5	1824.6	1812.8	1802.9	1807.8	1839.4	1850.2	1842.3
47.5°	2031.7	2029.7	2020.9	2012.0	2004.1	1996.2	1983.4	1992.3	2019.9	2017.9	2002.1
50°	2211.2	2215.2	2216.1	2225.0	2219.1	2220.1	2196.4	2191.5	2213.2	2200.4	2180.6
52.5°	2404.5	2410.4	2431.1	2448.9	2481.4	2485.4	2455.8	2424.2	2420.3	2386.8	2366.1
55°	2628.4	2627.4	2672.8	2722.1	2794.1	2816.8	2750.7	2691.5	2659.0	2593.9	2572.2
57.5°	2881.9	2878.9	2947.9	3034.7	3164.9	3221.1	3099.8	2987.4	2908.5	2830.6	2807.9
60°	3157.0	3163.9	3247.8	3388.8	3613.7	3691.6	3508.1	3321.7	3201.4	3099.8	3091.0
62.5°	3478.6	3479.5	3578.2	3769.5	4061.4	4186.7	3934.2	3681.7	3528.9	3417.4	3393.7
65°	3858.3	3865.2	3970.7	4164.0	4499.3	4654.2	4363.2	4055.5	3875.0	3724.1	3721.2
67.5°	4247.8	4243.9	4340.6	4545.7	4869.2	5012.2	4707.4	4364.2	4129.5	3941.1	3916.5
70°	4497.4	4519.1	4623.6	4819.9	5129.6	5268.6	4897.8	4483.6	4238.0	4065.4	4053.6
72.5°	4287.3	4327.7	4462.9	4788.3	5227.2	5391.9	4852.4	4360.3	4050.6	3877.0	3877.0
75°	3480.5	3547.6	3736.0	4237.0	4889.9	5174.9	4492.4	3815.9	3365.1	3179.7	3179.7
77.5°	2120.5	2184.6	2439.0	3050.5	3949.0	4313.9	3662.0	2874.0	2352.2	2125.4	2095.8
80°	705.2	746.6	996.1	1550.4	2424.2	2871.0	2453.8	1632.3	1053.3	802.8	798.9
82.5°	187.4	204.2	284.0	449.7	1052.3	1555.3	1122.4	538.5	308.7	239.7	220.9
85°	65.1	70.0	120.3	149.9	267.3	514.8	312.6	195.3	149.9	90.7	84.8
87.5°	18.7	20.7	48.3	52.3	76.9	60.2	84.8	77.9	71.0	29.6	26.6
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)