

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: P672683

Luminaire Tested: **CCP-SA-2C-735-U-5NQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672683
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-735-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5NQ
distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

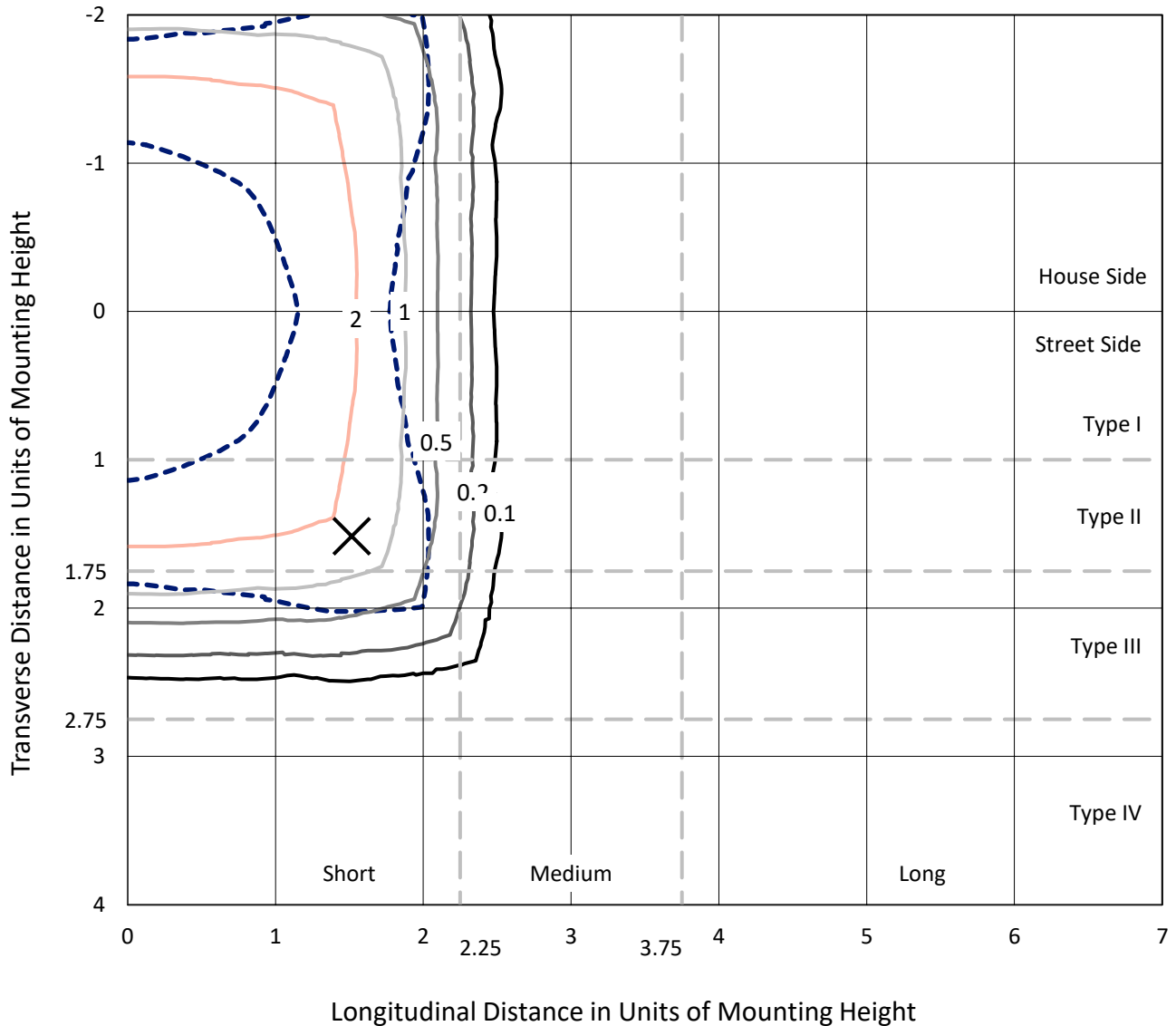
Lumens per Lamp: N/A
Luminaire Lumens: 9279.9 lumens
Efficiency: N/A
Efficacy: 149.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 62.1
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

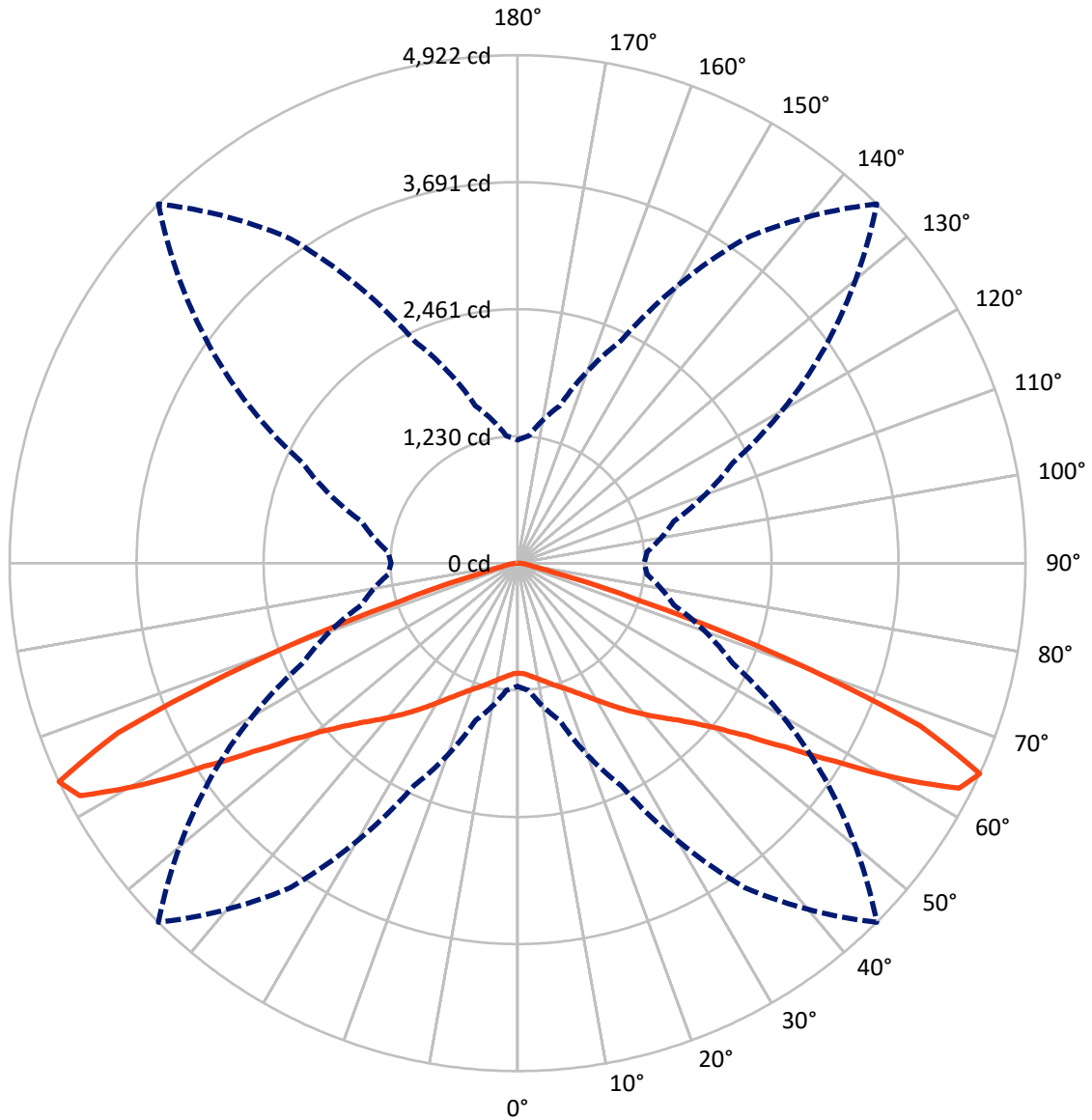
× Max cd
 - - - 1/2 Max cd



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 65-Deg Vertical

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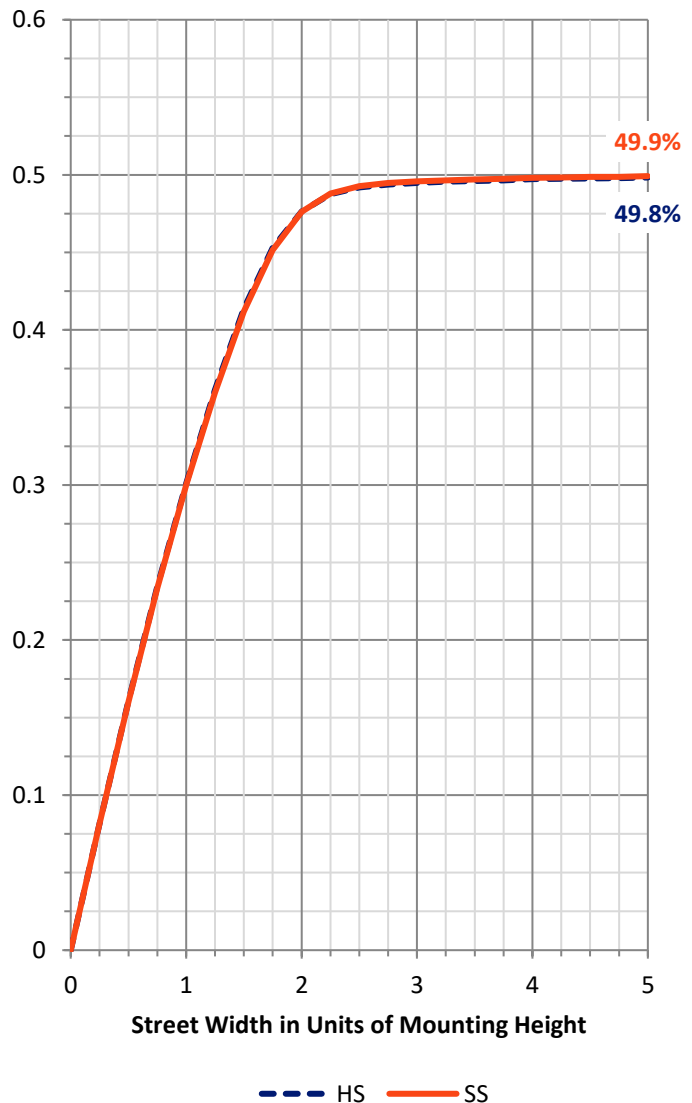
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4639.9	0.0	4639.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4639.9	0.0	4639.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	9279.9	0.0	9279.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.7	1.1
10°-20°	345.0	3.7
20°-30°	654.3	7.1
30°-40°	1097.3	11.8
40°-50°	1736.4	18.7
50°-60°	2727.9	29.4
60°-70°	2304.9	24.8
70°-80°	268.4	2.9
80°-90°	40.0	0.4
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°	9279.9	100.0
0°-180°	9279.9	100.0



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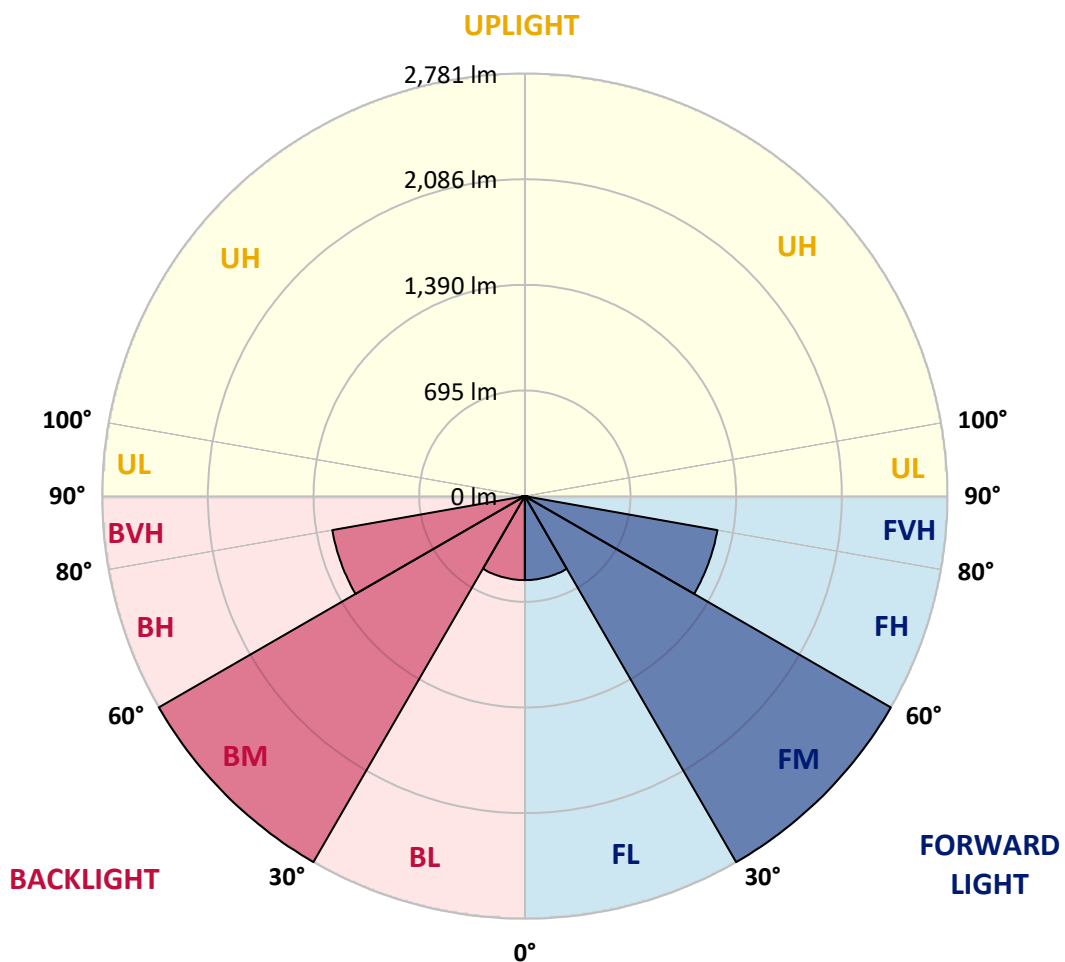
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	552.5	6.0			
FM (30°-60°)	2780.8	30.0			
FH (60°-80°)	1286.6	13.9			G1/1800
FVH (80°-90°)	20.0	0.2			G1/100
BL (0°-30°)	552.5	6.0	B2/1000		
BM (30°-60°)	2780.8	30.0	B3/5000		
BH (60°-80°)	1286.6	13.9	B3/2500		G1/1800
BVH (80°-90°)	20.0	0.2			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°	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0	1067.0
2.5°	1072.9	1069.6	1072.9	1072.9	1070.9	1071.6	1069.0	1068.3	1071.6	1069.0	1068.3
5°	1095.1	1092.5	1095.1	1093.1	1089.9	1090.5	1086.6	1085.3	1089.2	1085.3	1085.9
7.5°	1120.5	1115.9	1117.2	1119.2	1115.9	1115.9	1112.7	1110.7	1112.7	1108.8	1111.4
10°	1142.0	1138.1	1140.1	1142.7	1142.0	1144.0	1140.7	1139.4	1137.5	1132.9	1136.8
12.5°	1170.1	1168.8	1171.4	1174.6	1173.3	1175.9	1168.8	1166.8	1166.2	1160.9	1165.5
15°	1206.6	1203.3	1207.9	1211.8	1209.9	1214.4	1208.6	1205.9	1202.7	1196.2	1200.1
17.5°	1243.1	1240.5	1247.0	1249.0	1249.6	1253.6	1249.0	1245.1	1243.8	1239.2	1236.6
20°	1286.8	1283.6	1288.8	1292.7	1289.4	1294.0	1292.0	1289.4	1288.1	1281.0	1280.3
22.5°	1335.7	1331.2	1339.0	1343.6	1339.0	1343.6	1339.7	1339.0	1339.7	1329.2	1330.5
25°	1390.5	1391.2	1399.0	1402.3	1399.7	1402.3	1396.4	1400.3	1398.4	1387.3	1383.3
27.5°	1461.0	1458.4	1466.8	1476.6	1470.1	1470.1	1467.5	1471.4	1470.7	1460.3	1457.7
30°	1543.1	1542.5	1554.9	1560.8	1551.6	1547.7	1547.1	1556.8	1557.5	1546.4	1541.8
32.5°	1629.2	1629.2	1644.2	1651.4	1638.4	1635.8	1633.1	1646.2	1644.2	1629.2	1619.5
35°	1723.8	1719.9	1740.1	1750.5	1737.5	1729.7	1728.4	1740.1	1737.5	1716.6	1704.9
37.5°	1817.1	1819.7	1843.2	1854.9	1839.2	1829.5	1832.7	1840.6	1841.2	1818.4	1806.0
40°	1931.2	1931.9	1961.2	1970.3	1950.1	1935.1	1939.7	1957.3	1956.0	1927.9	1912.3
42.5°	2059.0	2056.4	2093.0	2100.8	2073.4	2044.7	2058.4	2085.8	2092.3	2061.0	2044.7
45°	2196.0	2199.9	2237.8	2246.2	2203.2	2166.7	2196.0	2237.1	2245.6	2211.7	2191.4
47.5°	2362.3	2366.9	2412.5	2415.8	2366.9	2319.3	2358.4	2411.9	2415.2	2368.2	2344.7
50°	2552.1	2567.8	2618.6	2625.2	2576.9	2515.6	2571.7	2619.3	2606.9	2544.3	2522.8
52.5°	2767.4	2779.7	2859.3	2886.7	2844.3	2778.4	2823.4	2852.8	2813.0	2730.8	2697.6
55°	2950.6	2971.5	3077.2	3160.6	3192.6	3143.0	3137.8	3094.8	2983.9	2858.7	2824.1
57.5°	3002.1	3022.4	3186.1	3401.3	3591.1	3615.9	3501.1	3285.2	3046.5	2853.4	2818.2
60°	2792.8	2820.2	3059.5	3467.2	4011.8	4236.1	3821.3	3301.5	2884.1	2625.2	2580.8
62.5°	2193.4	2244.3	2553.4	3192.6	4181.4	4801.0	3953.1	3020.4	2394.3	2088.4	2029.7
65°	1192.9	1236.6	1577.7	2379.3	3837.6	4921.6	3630.2	2299.7	1566.0	1258.8	1226.8
67.5°	447.4	479.4	635.9	1175.9	2713.2	4207.4	2755.6	1316.8	710.9	510.0	465.0
70°	190.4	194.4	230.2	409.6	1233.3	2737.3	1410.7	447.4	237.4	191.8	186.5
72.5°	137.0	137.6	147.4	181.3	375.7	1200.7	426.5	187.8	144.8	130.4	130.4
75°	109.6	110.2	116.1	131.1	177.4	353.5	183.9	131.7	112.2	102.4	101.1
77.5°	86.1	87.4	93.3	102.4	118.7	161.7	124.6	103.7	90.0	80.9	79.6
80°	63.9	65.9	73.7	78.3	83.5	107.6	90.7	80.9	71.7	62.0	60.0
82.5°	42.4	44.4	54.8	58.0	57.4	67.8	62.6	62.0	54.8	41.1	39.1
85°	25.4	26.7	35.2	37.8	35.2	33.3	39.8	43.0	38.5	26.7	24.8
87.5°	11.1	11.1	15.7	16.3	15.7	12.4	18.9	22.2	22.8	13.7	12.4
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)