

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: P672602

Luminaire Tested: **CCP-SA-1F-835-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672602
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-835-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ 5MQ distribution lens
Light Source: (16) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

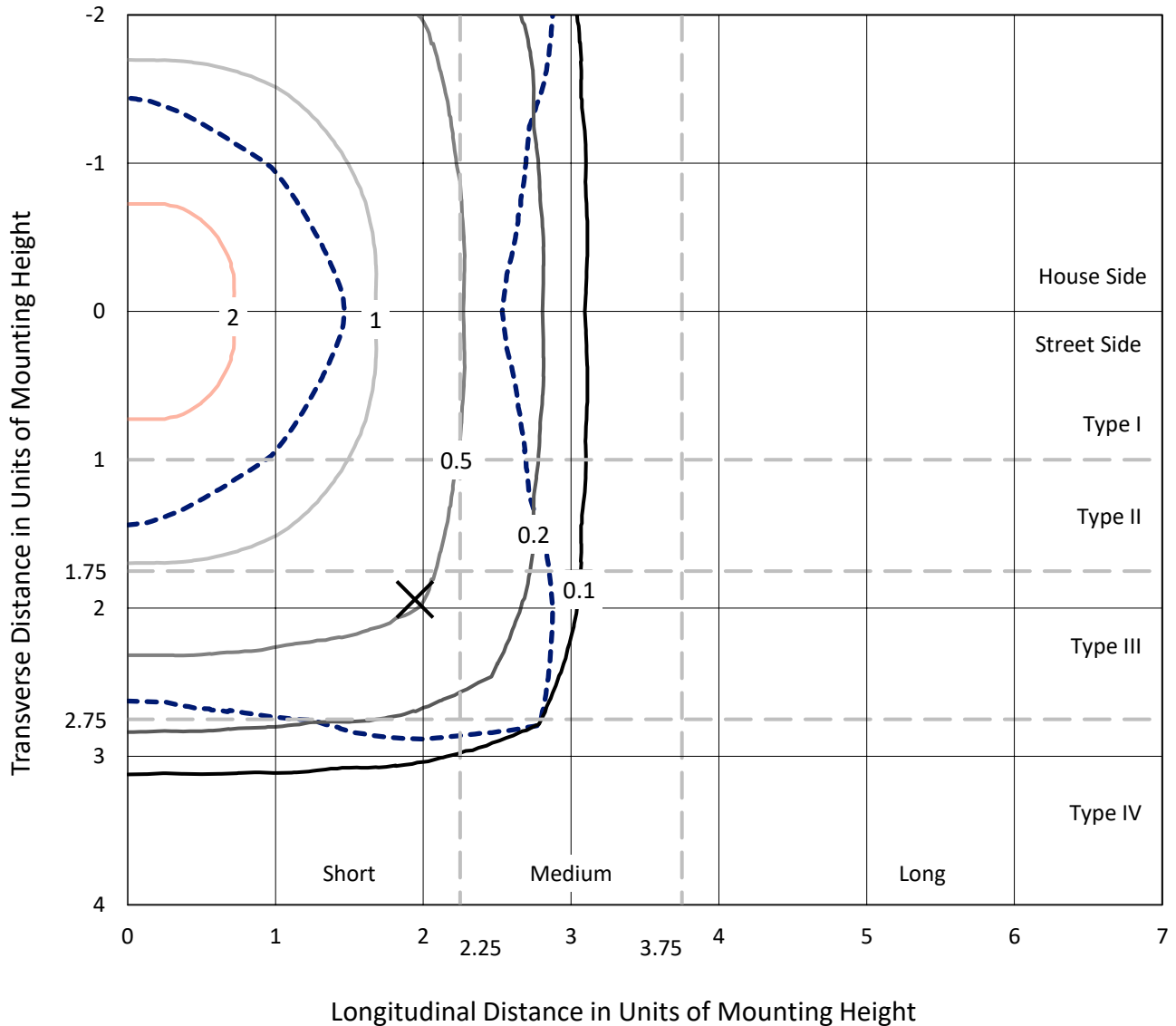
Lumens per Lamp: N/A
Luminaire Lumens: 6377.3 lumens
Efficiency: N/A
Efficacy: 95.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 67
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

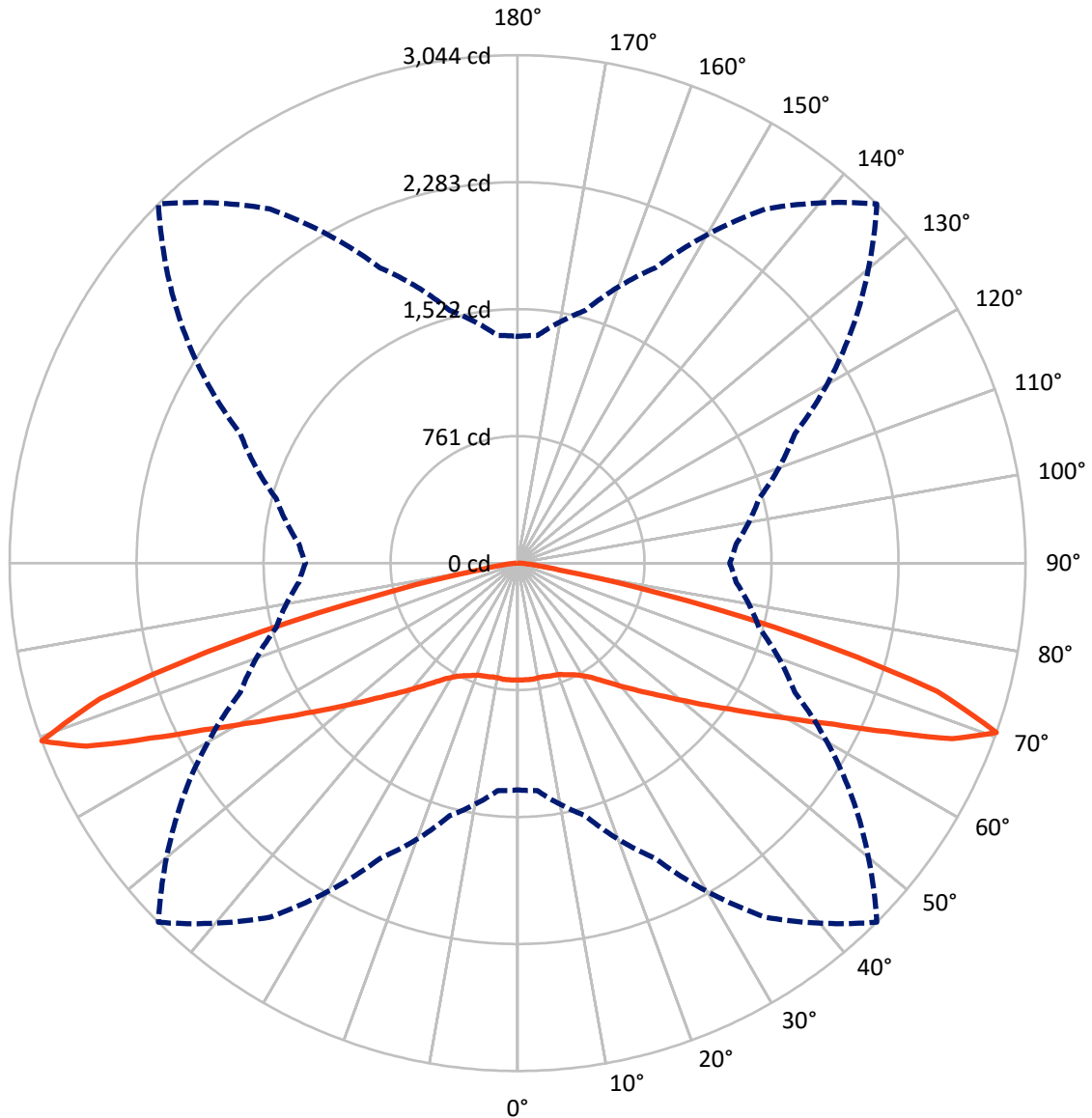
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.1 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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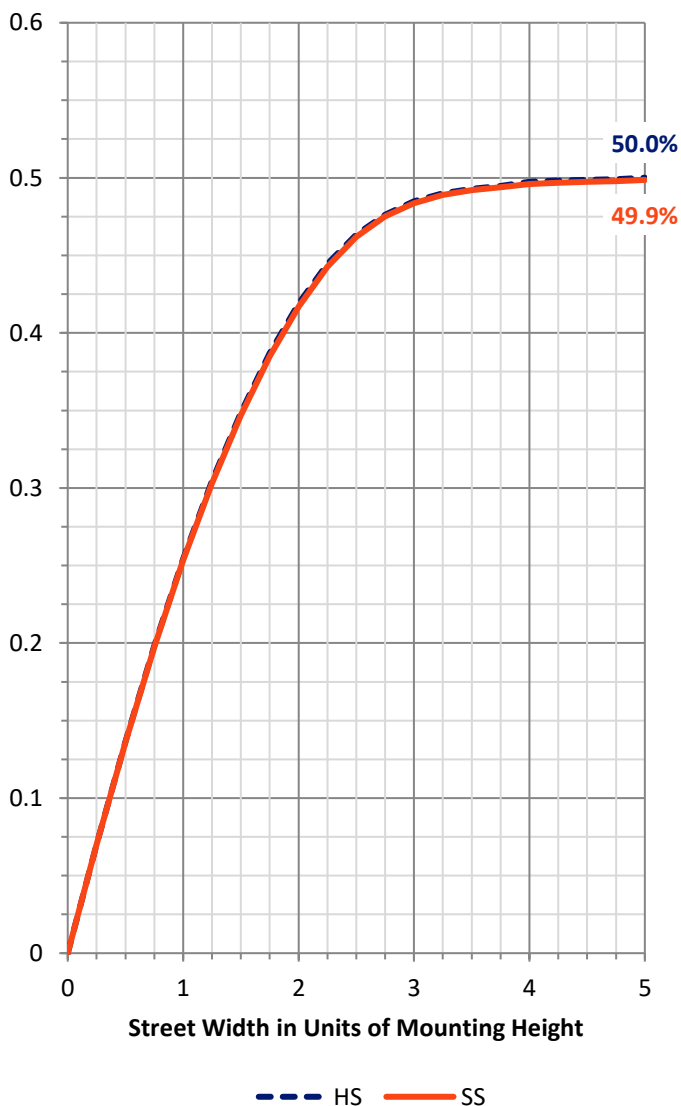
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3188.6	0.0	3188.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3188.6	0.0	3188.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	6377.3	0.0	6377.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.7	1.0
10°-20°	197.4	3.1
20°-30°	337.2	5.3
30°-40°	538.0	8.4
40°-50°	868.2	13.6
50°-60°	1390.3	21.8
60°-70°	2035.3	31.9
70°-80°	895.1	14.0
80°-90°	49.1	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°	6377.3	100.0
0°-180°	6377.3	100.0



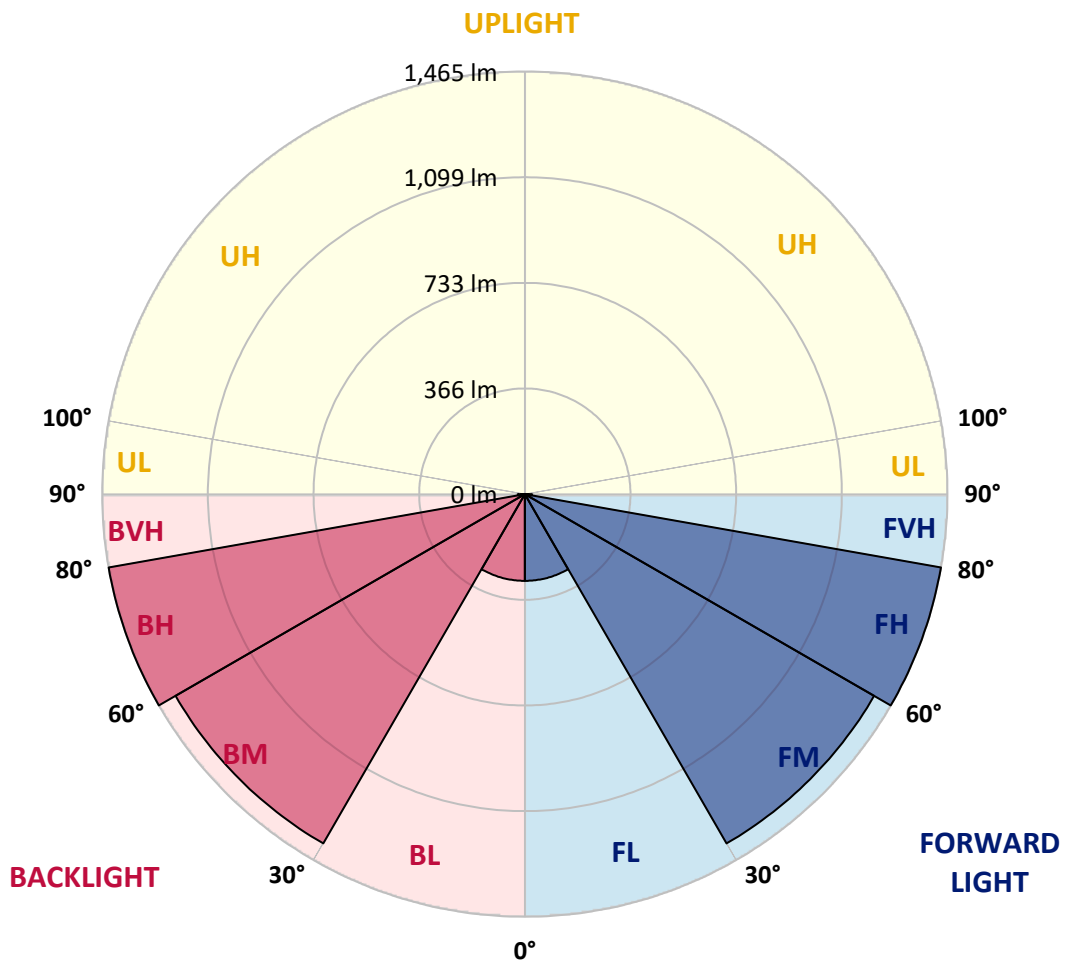
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	300.7	4.7			
FM (30°-60°)	1398.3	21.9			
FH (60°-80°)	1465.2	23.0			G1/1800
FVH (80°-90°)	24.5	0.4			G1/100
BL (0°-30°)	300.7	4.7	B1/500		
BM (30°-60°)	1398.3	21.9	B2/2500		
BH (60°-80°)	1465.2	23.0	B3/2500		G1/1800
BVH (80°-90°)	24.5	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°	701.3	701.3	701.3	701.3	701.3	701.3	701.3	701.3	701.3	701.3	701.3
2.5°	700.4	699.9	700.8	701.3	700.4	700.8	698.1	698.1	699.5	698.1	699.9
5°	703.6	702.6	703.6	703.6	701.3	701.3	698.1	697.2	698.1	695.9	697.7
7.5°	704.0	702.2	703.6	703.1	701.3	701.3	696.8	695.0	695.4	693.2	694.5
10°	699.5	698.6	700.4	699.5	698.1	698.1	694.5	691.8	691.8	689.5	690.9
12.5°	696.8	695.9	698.1	698.6	697.7	698.1	693.6	690.0	688.6	685.9	686.8
15°	696.8	695.0	698.6	699.5	700.4	703.6	696.8	690.4	687.7	684.1	685.0
17.5°	696.3	695.4	699.5	702.6	703.6	707.2	699.5	692.7	689.5	684.1	685.0
20°	696.3	695.9	700.8	706.7	709.4	712.6	704.5	698.1	692.7	686.8	686.8
22.5°	698.6	698.1	704.9	713.5	721.2	726.6	717.1	706.7	699.5	691.8	690.9
25°	708.1	707.2	715.3	725.7	736.1	741.5	732.0	721.6	711.2	702.6	701.7
27.5°	727.5	727.0	735.2	747.8	755.1	759.1	751.0	742.0	731.6	721.6	721.2
30°	753.7	753.7	764.1	777.2	781.3	784.4	776.3	770.0	759.1	748.3	747.4
32.5°	785.3	787.1	799.3	813.8	816.5	818.3	809.7	805.7	793.9	782.2	780.4
35°	826.9	827.4	842.3	856.7	860.3	862.2	852.2	848.6	837.8	825.1	822.4
37.5°	879.8	878.4	892.4	908.7	912.3	914.6	906.4	903.7	890.2	877.5	873.5
40°	939.0	939.9	955.7	971.1	973.3	974.2	970.2	966.1	953.4	939.0	934.0
42.5°	1007.7	1007.7	1026.2	1044.3	1044.3	1039.7	1037.9	1037.0	1024.8	1008.6	1003.1
45°	1086.3	1087.2	1110.2	1123.8	1124.7	1112.5	1114.3	1119.7	1108.0	1087.2	1080.0
47.5°	1172.6	1173.9	1201.1	1216.0	1213.3	1197.4	1207.4	1210.1	1196.5	1169.9	1160.4
50°	1263.4	1267.5	1297.8	1324.0	1320.3	1297.3	1310.4	1311.3	1289.2	1258.4	1245.3
52.5°	1361.5	1371.0	1411.2	1439.2	1442.8	1413.9	1425.2	1424.3	1395.8	1353.8	1345.2
55°	1483.0	1488.4	1528.2	1568.0	1581.5	1545.8	1558.5	1552.2	1513.7	1465.8	1451.4
57.5°	1604.6	1612.7	1663.8	1708.5	1735.6	1705.3	1708.0	1691.8	1643.4	1585.6	1578.4
60°	1748.7	1752.3	1808.8	1867.1	1914.1	1896.0	1883.4	1849.5	1792.5	1734.7	1724.3
62.5°	1866.7	1873.9	1957.9	2043.8	2123.3	2126.5	2088.1	2037.5	1946.6	1849.9	1829.1
65°	1899.2	1910.9	2028.9	2198.3	2363.7	2437.4	2332.1	2177.5	1974.6	1828.7	1797.5
67.5°	1747.8	1770.4	1938.9	2220.5	2587.4	2808.3	2526.4	2111.1	1827.8	1657.4	1627.6
70°	1359.2	1369.1	1567.1	1953.4	2591.0	3044.2	2448.2	1833.2	1498.4	1315.4	1271.5
72.5°	722.1	727.0	905.5	1315.4	2108.4	2629.8	2023.0	1282.8	882.0	715.8	665.6
75°	233.2	239.5	311.8	538.6	1163.1	1767.2	1192.9	533.7	304.1	245.4	232.3
77.5°	118.8	118.4	131.5	173.5	391.3	866.2	413.9	187.1	131.5	117.9	114.3
80°	74.1	72.8	82.7	94.9	136.9	253.0	148.7	104.8	83.1	71.4	70.9
82.5°	42.0	42.0	55.6	61.0	77.3	104.4	86.8	71.8	56.9	42.5	41.1
85°	23.5	20.8	34.8	38.4	44.3	51.5	52.9	46.5	38.4	23.5	24.4
87.5°	8.6	9.5	16.3	15.4	17.6	12.2	21.7	24.4	21.7	11.3	9.5
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)