

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: P672824

Luminaire Tested: **CCP-SA-1F-735-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672824
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-735-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ RW distribution lens
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

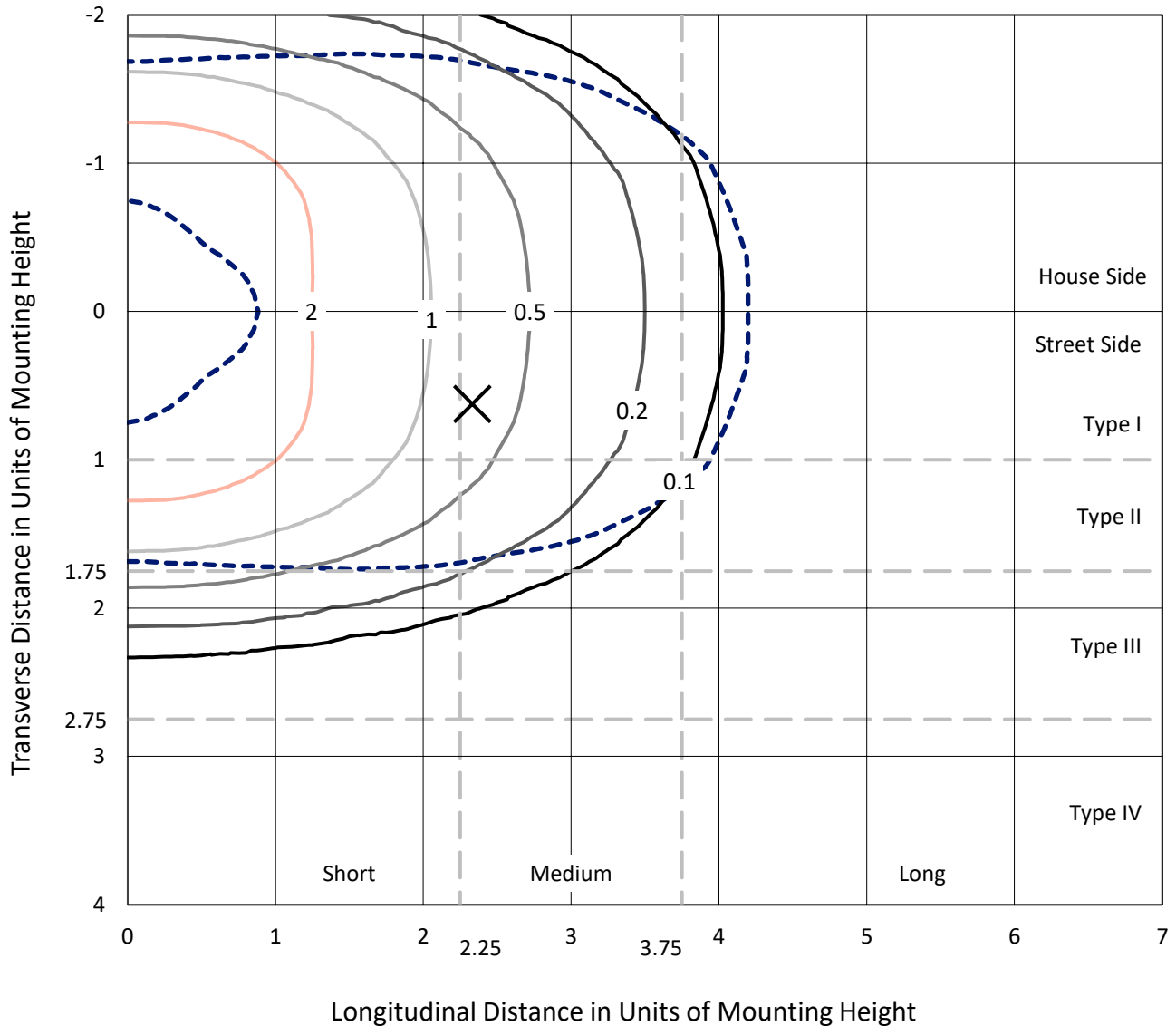
Lumens per Lamp: N/A
Luminaire Lumens: 7522.4 lumens
Efficiency: N/A
Efficacy: 112.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

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

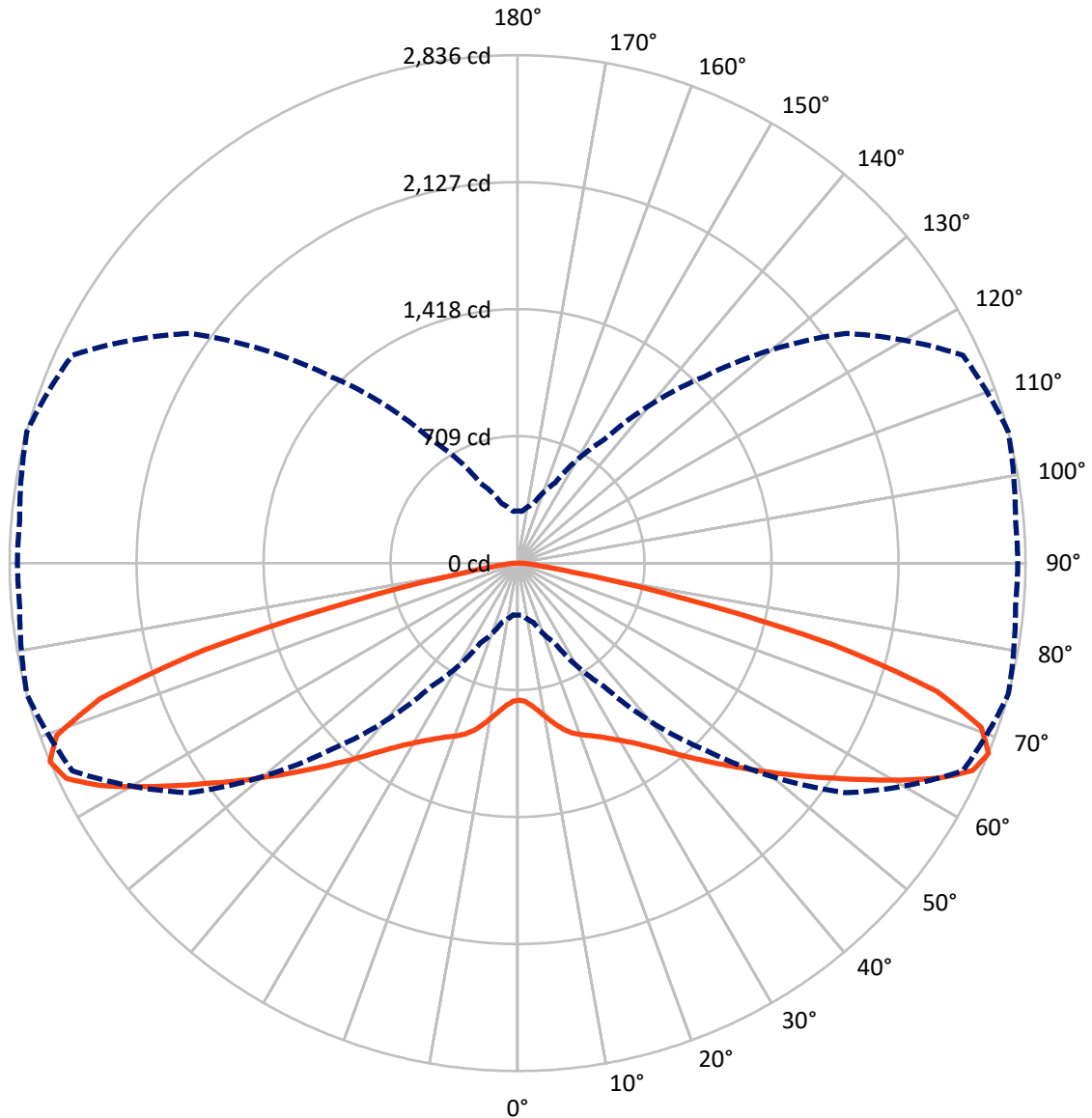
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.9 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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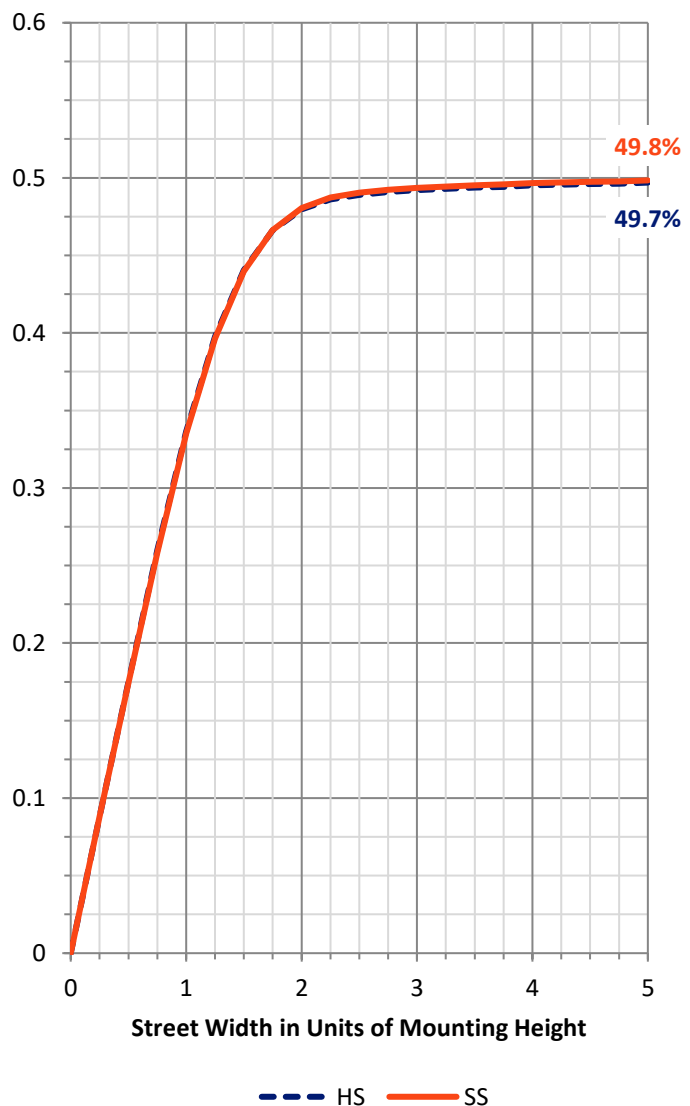
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3761.2	0.0	3761.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3761.2	0.0	3761.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	7522.4	0.0	7522.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.7	1.0
10°-20°	255.2	3.4
20°-30°	498.2	6.6
30°-40°	859.6	11.4
40°-50°	1392.4	18.5
50°-60°	1893.6	25.2
60°-70°	1746.9	23.2
70°-80°	731.0	9.7
80°-90°	69.8	0.9
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°	7522.4	100.0
0°-180°	7522.4	100.0



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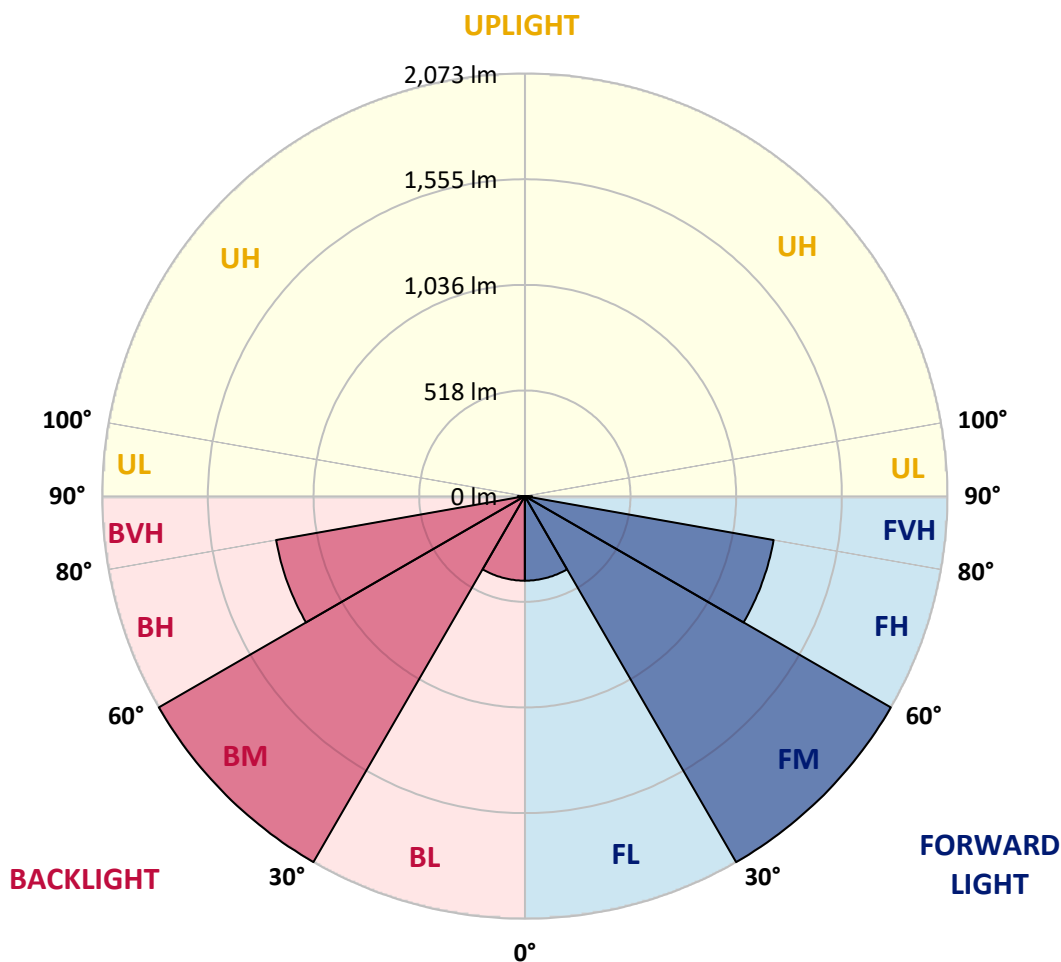
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	414.6	5.5			
FM (30°-60°)	2072.8	27.6			
FH (60°-80°)	1239.0	16.5			G1/1800
FVH (80°-90°)	34.9	0.5			G1/100
BL (0°-30°)	414.6	5.5	B1/500		
BM (30°-60°)	2072.8	27.6	B2/2500		
BH (60°-80°)	1239.0	16.5	B3/2500		G3/2500
BVH (80°-90°)	34.9	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	765.3	765.3	765.3	765.3	765.3	765.3	765.3	765.3	765.3	765.3	765.3
2.5°	760.4	760.4	762.6	765.3	766.4	768.5	769.1	769.1	772.3	771.8	772.3
5°	758.3	758.3	762.0	766.9	772.3	778.8	785.3	789.1	797.2	798.8	799.4
7.5°	760.4	761.0	766.4	774.5	783.7	795.6	808.0	818.3	831.8	836.7	839.9
10°	768.5	769.1	776.1	787.5	801.5	818.8	836.7	852.9	874.5	884.3	885.9
12.5°	781.0	781.5	791.8	810.2	830.2	851.8	871.8	892.4	919.4	934.0	937.3
15°	799.9	798.3	814.5	841.6	869.7	896.7	914.6	934.6	963.2	982.2	987.0
17.5°	825.9	826.9	847.0	881.6	916.2	943.8	961.6	973.0	997.9	1017.3	1022.2
20°	858.3	863.2	888.6	928.6	969.2	998.4	1010.8	1009.2	1023.3	1040.0	1043.8
22.5°	904.3	907.5	938.4	983.3	1029.8	1060.1	1064.9	1047.1	1046.5	1057.3	1062.2
25°	958.4	961.1	993.5	1045.5	1094.7	1126.6	1121.7	1090.9	1074.7	1075.2	1078.4
27.5°	1021.7	1027.1	1060.6	1113.6	1164.4	1193.6	1186.6	1141.7	1109.8	1100.1	1097.9
30°	1103.9	1109.8	1143.9	1194.7	1239.6	1265.6	1254.8	1198.0	1150.4	1134.1	1130.9
32.5°	1210.9	1210.4	1245.6	1294.8	1326.1	1342.9	1321.8	1257.5	1197.4	1175.8	1171.5
35°	1321.3	1326.7	1361.3	1408.9	1432.7	1433.8	1400.2	1327.8	1256.4	1219.1	1210.9
37.5°	1445.7	1448.4	1488.4	1533.3	1549.0	1540.3	1490.6	1410.0	1327.8	1288.3	1274.2
40°	1573.3	1576.0	1622.5	1665.8	1683.1	1662.6	1597.1	1500.8	1412.1	1368.9	1360.8
42.5°	1691.8	1698.8	1750.7	1801.5	1818.3	1794.5	1715.6	1600.4	1501.4	1459.7	1448.9
45°	1790.2	1797.8	1856.2	1921.1	1950.8	1931.4	1842.1	1712.3	1604.1	1559.3	1540.9
47.5°	1864.3	1874.0	1936.2	2014.1	2072.0	2068.2	1976.8	1830.8	1714.5	1661.5	1644.7
50°	1915.1	1925.4	1992.5	2076.3	2163.4	2192.6	2113.6	1961.6	1837.2	1777.8	1766.4
52.5°	1918.9	1928.1	2004.9	2109.3	2225.6	2289.9	2248.3	2099.6	1972.5	1910.8	1902.7
55°	1834.5	1841.0	1943.3	2082.2	2251.0	2364.6	2371.1	2249.9	2116.9	2054.7	2050.9
57.5°	1640.9	1650.1	1772.3	1956.2	2208.8	2412.7	2477.6	2407.3	2280.2	2221.8	2218.5
60°	1325.6	1337.5	1477.0	1721.5	2056.3	2400.3	2567.9	2554.9	2458.7	2401.9	2399.7
62.5°	935.1	939.4	1084.9	1354.3	1757.7	2268.3	2611.7	2698.8	2643.6	2586.3	2589.6
65°	549.5	555.4	662.0	904.3	1333.2	1964.9	2536.0	2798.9	2791.8	2739.4	2744.8
67.5°	290.4	290.4	344.0	494.3	838.3	1471.1	2234.8	2743.7	2835.6	2789.7	2792.4
70°	200.7	200.1	209.8	248.2	405.1	911.9	1671.7	2454.9	2746.4	2729.1	2736.1
72.5°	169.8	168.7	169.3	174.7	206.1	412.1	1015.2	1890.8	2448.4	2474.9	2480.8
75°	148.7	147.1	146.0	144.9	147.7	187.1	463.0	1166.6	1815.1	1981.7	1978.4
77.5°	128.2	127.1	126.0	122.2	117.9	122.8	189.3	524.6	933.5	1101.7	1089.8
80°	105.5	105.5	107.1	101.7	93.6	90.3	113.0	195.8	309.9	323.4	297.5
82.5°	82.7	82.7	90.9	83.3	73.6	65.4	78.4	104.4	126.0	102.2	83.3
85°	58.4	59.0	75.7	69.2	56.8	37.9	48.7	62.2	70.9	44.9	35.2
87.5°	23.8	25.4	47.1	37.3	35.7	18.9	22.7	27.6	35.2	18.9	15.1
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)