

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: P672828

Luminaire Tested: **CCP-SA-2D-735-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672828
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2D-735-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ RW distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

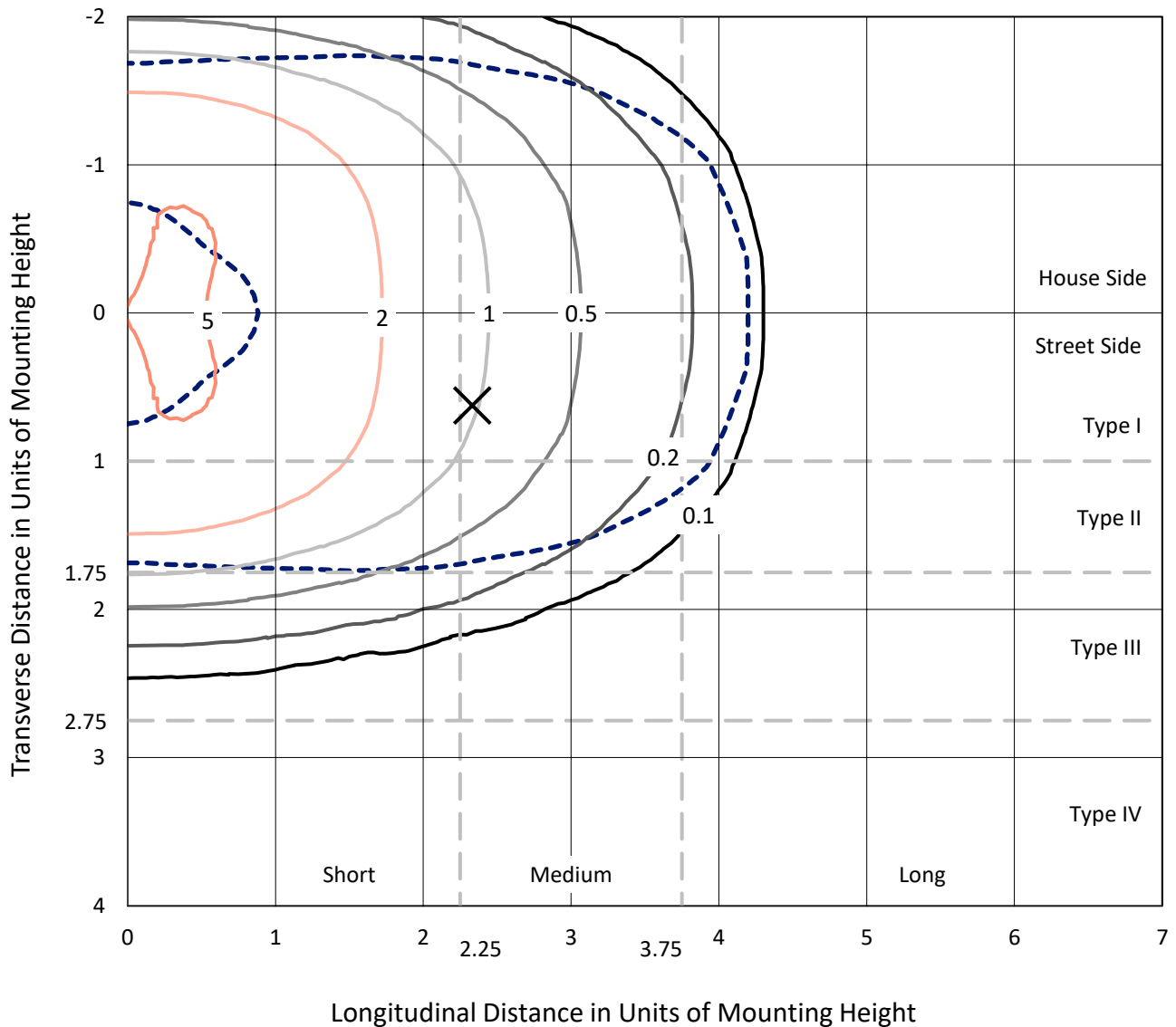
Lumens per Lamp: N/A
Luminaire Lumens: 11189.6 lumens
Efficiency: N/A
Efficacy: 138.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

Input Watts (W): 80.8
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

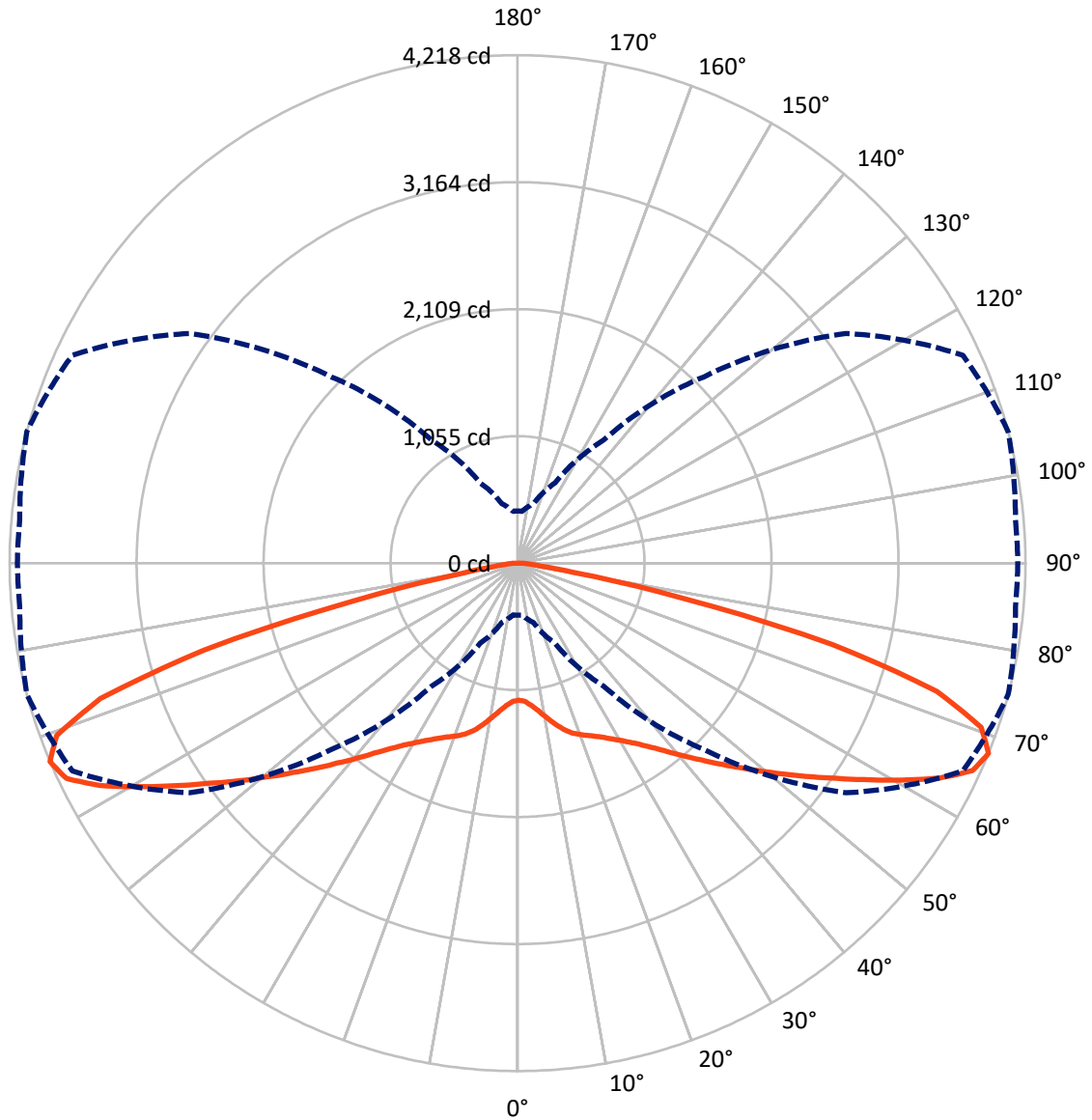
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.8 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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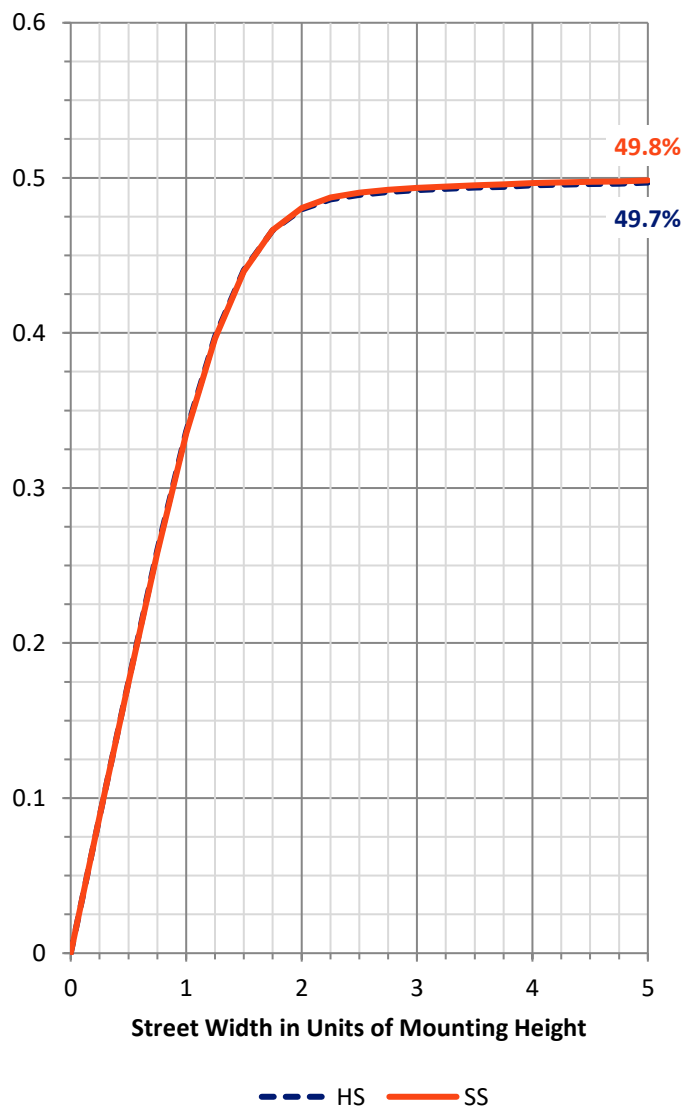
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5594.8	0.0	5594.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5594.8	0.0	5594.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	11189.6	0.0	11189.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.7	1.0
10°-20°	379.6	3.4
20°-30°	741.1	6.6
30°-40°	1278.6	11.4
40°-50°	2071.1	18.5
50°-60°	2816.8	25.2
60°-70°	2598.6	23.2
70°-80°	1087.3	9.7
80°-90°	103.8	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°	11189.6	100.0
0°-180°	11189.6	100.0



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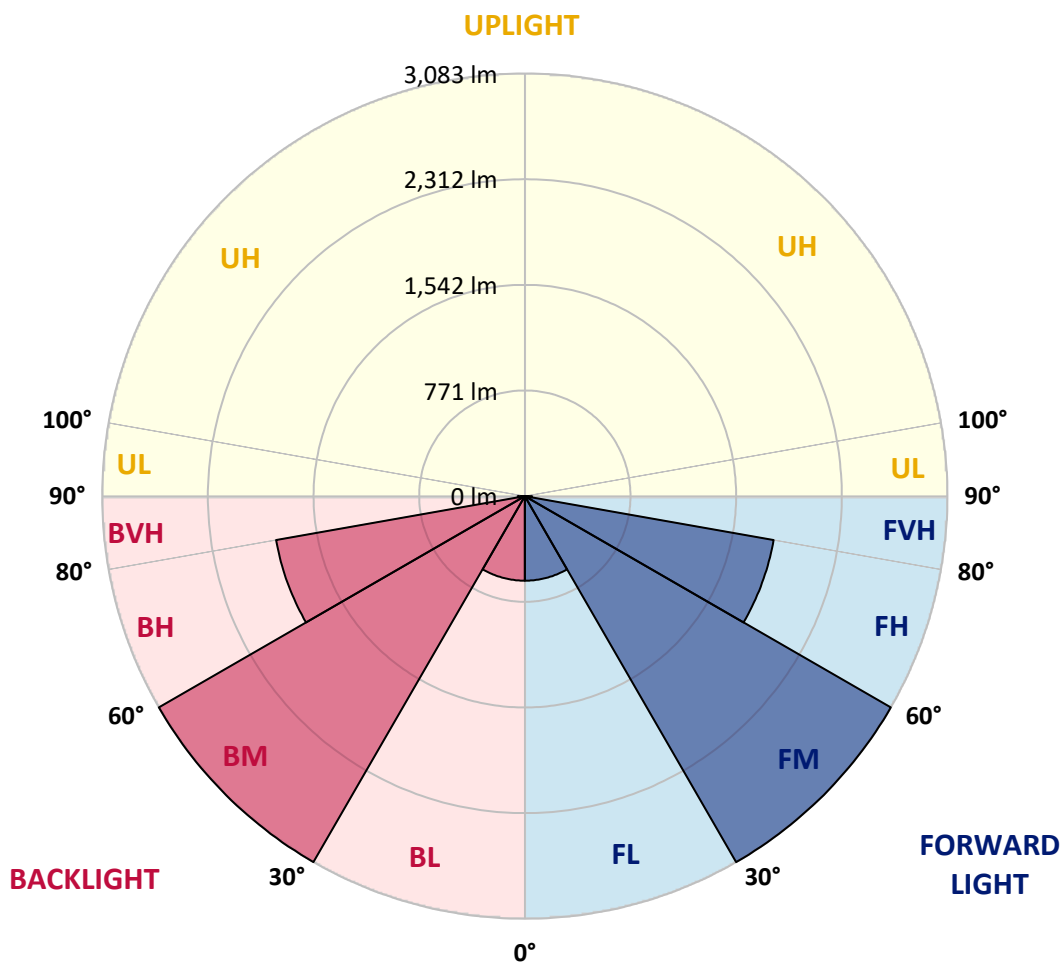
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	616.7	5.5			
FM (30°-60°)	3083.3	27.6			
FH (60°-80°)	1843.0	16.5			G2/5000
FVH (80°-90°)	51.9	0.5			G1/100
BL (0°-30°)	616.7	5.5	B2/1000		
BM (30°-60°)	3083.3	27.6	B3/5000		
BH (60°-80°)	1843.0	16.5	B3/2500		G3/2500
BVH (80°-90°)	51.9	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°	1138.4	1138.4	1138.4	1138.4	1138.4	1138.4	1138.4	1138.4	1138.4	1138.4	1138.4
2.5°	1131.1	1131.1	1134.4	1138.4	1140.0	1143.2	1144.0	1144.0	1148.8	1148.0	1148.8
5°	1127.9	1127.9	1133.5	1140.8	1148.8	1158.5	1168.1	1173.8	1185.8	1188.3	1189.1
7.5°	1131.1	1131.9	1140.0	1152.0	1165.7	1183.4	1201.9	1217.2	1237.3	1244.6	1249.4
10°	1143.2	1144.0	1154.5	1171.4	1192.3	1218.0	1244.6	1268.7	1300.9	1315.4	1317.8
12.5°	1161.7	1162.5	1177.8	1205.1	1234.9	1267.1	1296.9	1327.4	1367.7	1389.4	1394.2
15°	1189.9	1187.4	1211.6	1251.8	1293.6	1333.9	1360.4	1390.2	1432.8	1461.0	1468.2
17.5°	1228.5	1230.1	1259.9	1311.3	1362.8	1403.9	1430.4	1447.3	1484.3	1513.3	1520.5
20°	1276.7	1284.0	1321.8	1381.3	1441.7	1485.1	1503.6	1501.2	1522.1	1547.1	1552.7
22.5°	1345.1	1350.0	1395.8	1462.6	1531.8	1576.8	1584.1	1557.5	1556.7	1572.8	1580.0
25°	1425.6	1429.6	1477.9	1555.1	1628.3	1675.8	1668.5	1622.7	1598.5	1599.4	1604.2
27.5°	1519.7	1527.8	1577.6	1656.5	1732.1	1775.5	1765.1	1698.3	1650.8	1636.4	1633.1
30°	1642.0	1650.8	1701.5	1777.1	1843.9	1882.5	1866.4	1782.0	1711.2	1687.0	1682.2
32.5°	1801.3	1800.5	1852.8	1926.0	1972.6	1997.6	1966.2	1870.5	1781.2	1749.0	1742.6
35°	1965.4	1973.4	2024.9	2095.7	2131.1	2132.7	2082.9	1975.1	1868.9	1813.4	1801.3
37.5°	2150.4	2154.5	2214.0	2280.8	2304.1	2291.2	2217.2	2097.3	1975.1	1916.3	1895.4
40°	2340.3	2344.3	2413.5	2477.9	2503.6	2473.0	2375.7	2232.5	2100.6	2036.2	2024.1
42.5°	2516.5	2526.9	2604.2	2679.8	2704.7	2669.3	2551.9	2380.5	2233.3	2171.4	2155.3
45°	2662.9	2674.2	2761.1	2857.6	2901.8	2872.9	2740.1	2547.1	2386.2	2319.4	2292.0
47.5°	2773.1	2787.6	2880.1	2996.0	3082.1	3076.4	2940.5	2723.2	2550.3	2471.4	2446.5
50°	2848.7	2864.0	2963.8	3088.5	3218.0	3261.5	3144.0	2917.9	2732.9	2644.4	2627.5
52.5°	2854.4	2868.1	2982.3	3137.6	3310.5	3406.3	3344.3	3123.1	2934.0	2842.3	2830.2
55°	2728.9	2738.5	2890.6	3097.3	3348.3	3517.3	3526.9	3346.7	3148.8	3056.3	3050.7
57.5°	2440.9	2454.5	2636.4	2909.9	3285.6	3588.9	3685.4	3580.8	3391.8	3304.9	3300.1
60°	1971.8	1989.5	2197.1	2560.7	3058.7	3570.4	3819.8	3800.5	3657.3	3572.8	3569.6
62.5°	1391.0	1397.4	1613.8	2014.5	2614.6	3374.1	3884.9	4014.5	3932.4	3847.1	3852.0
65°	817.4	826.2	984.7	1345.1	1983.1	2922.8	3772.3	4163.3	4152.8	4074.8	4082.9
67.5°	432.0	432.0	511.7	735.3	1247.0	2188.3	3324.2	4081.2	4218.0	4149.6	4153.7
70°	298.5	297.7	312.1	369.3	602.6	1356.4	2486.7	3651.6	4085.3	4059.5	4070.0
72.5°	252.6	251.0	251.8	259.9	306.5	613.0	1510.1	2812.5	3642.0	3681.4	3690.3
75°	221.2	218.8	217.2	215.6	219.6	278.4	688.7	1735.3	2699.9	2947.7	2942.9
77.5°	190.7	189.1	187.4	181.8	175.4	182.6	281.6	780.4	1388.6	1638.8	1621.1
80°	156.9	156.9	159.3	151.2	139.2	134.4	168.1	291.2	461.0	481.1	442.5
82.5°	123.1	123.1	135.2	123.9	109.4	97.3	116.7	155.3	187.4	152.1	123.9
85°	86.9	87.7	112.6	103.0	84.5	56.3	72.4	92.5	105.4	66.8	52.3
87.5°	35.4	37.8	70.0	55.5	53.1	28.2	33.8	41.0	52.3	28.2	22.5
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)