

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: P672823

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672823
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-735-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ RW distribution lens
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

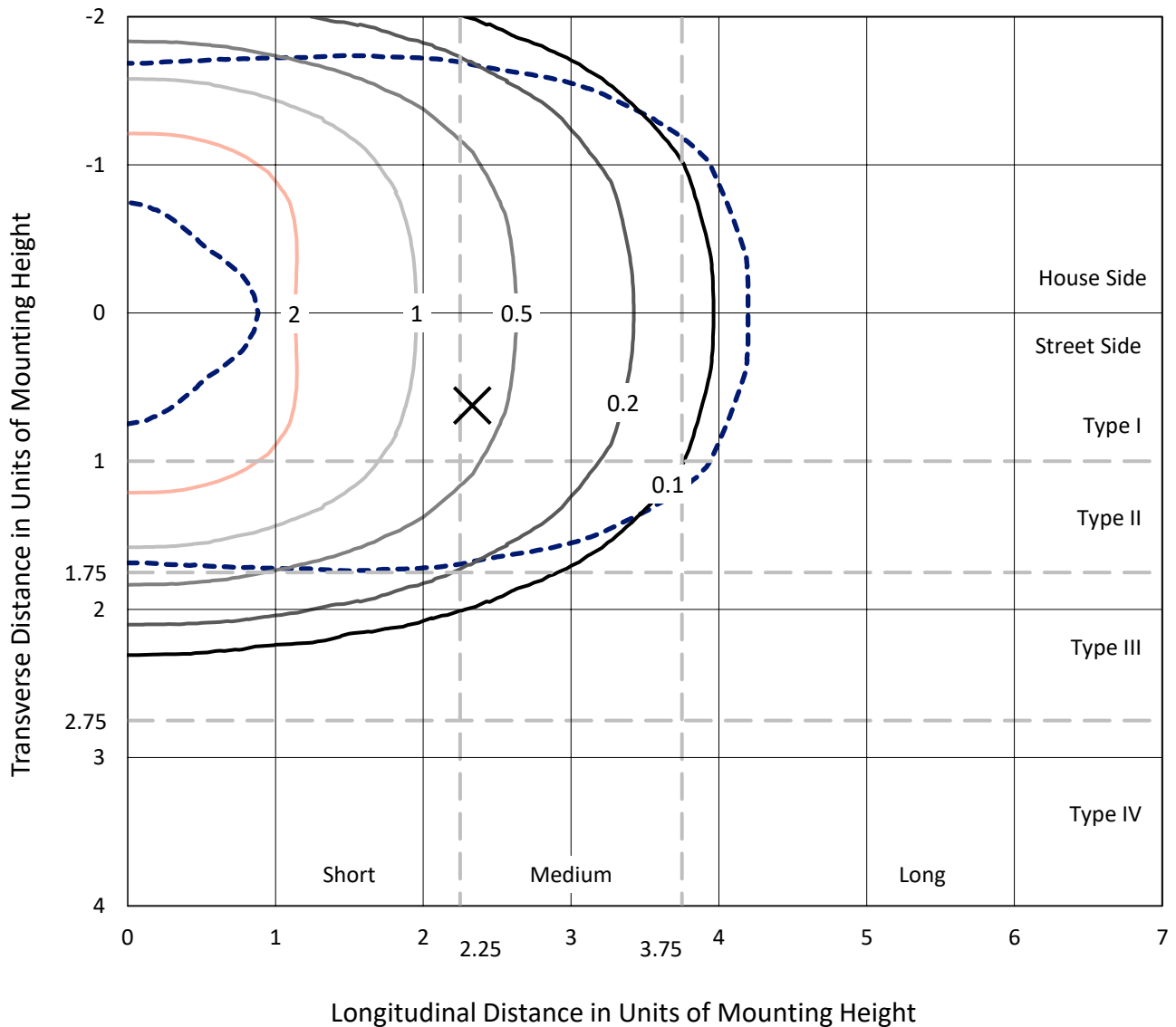
Lumens per Lamp: N/A
Luminaire Lumens: 6859.6 lumens
Efficiency: N/A
Efficacy: 122.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

Input Watts (W): 56.1
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

REPORT NUMBER: P672823
 CATALOG NUMBER: CCP-SA-1E-735-U-RW

Iso-Footcandle Lines of Horizontal Illumination

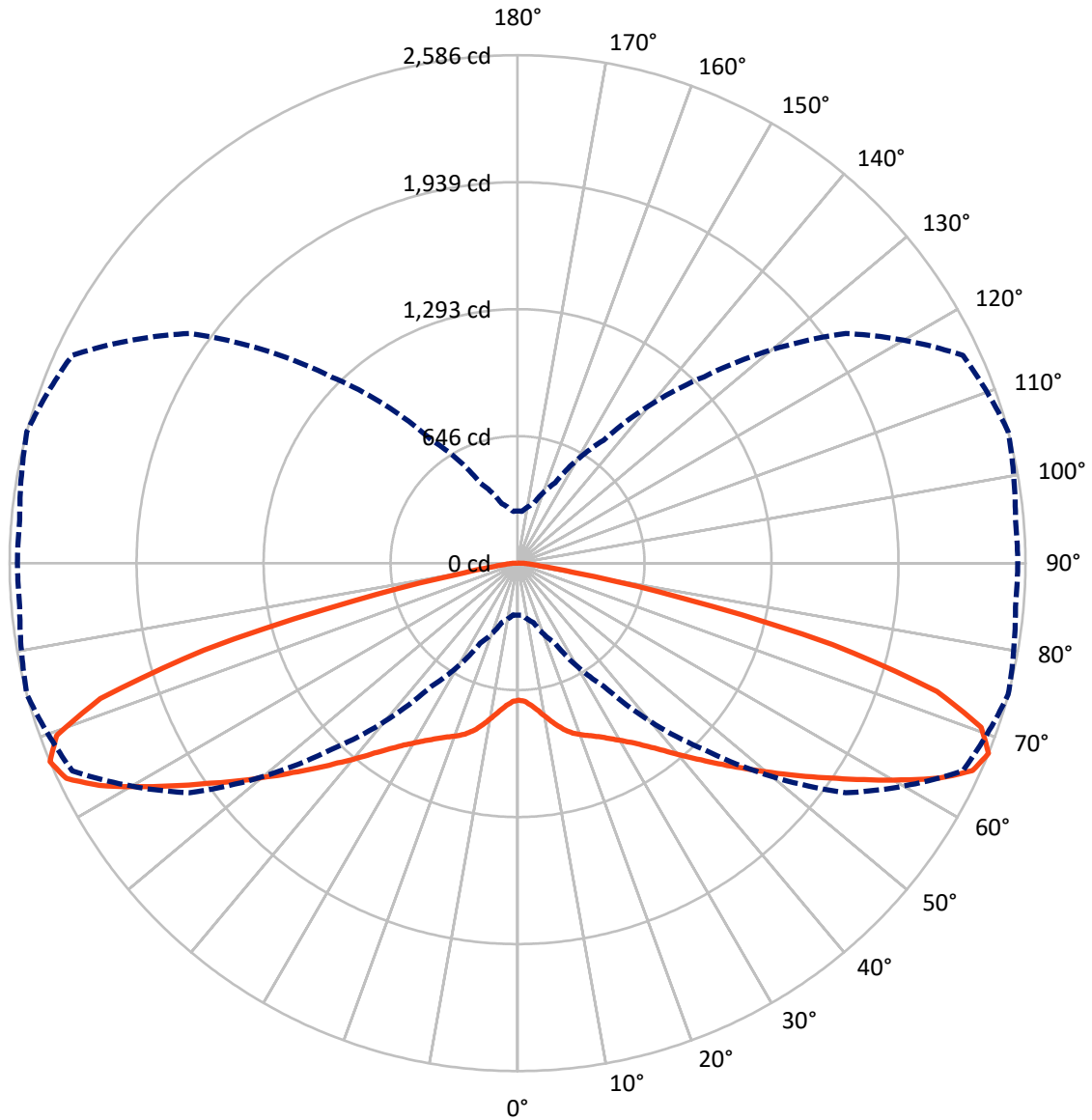
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.6 fc
 Type II - Medium - N/A

REPORT NUMBER: P672823
CATALOG NUMBER: CCP-SA-1E-735-U-RW

Luminous Intensity Polar Plot



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

REPORT NUMBER: P672823
 CATALOG NUMBER: CCP-SA-1E-735-U-RW

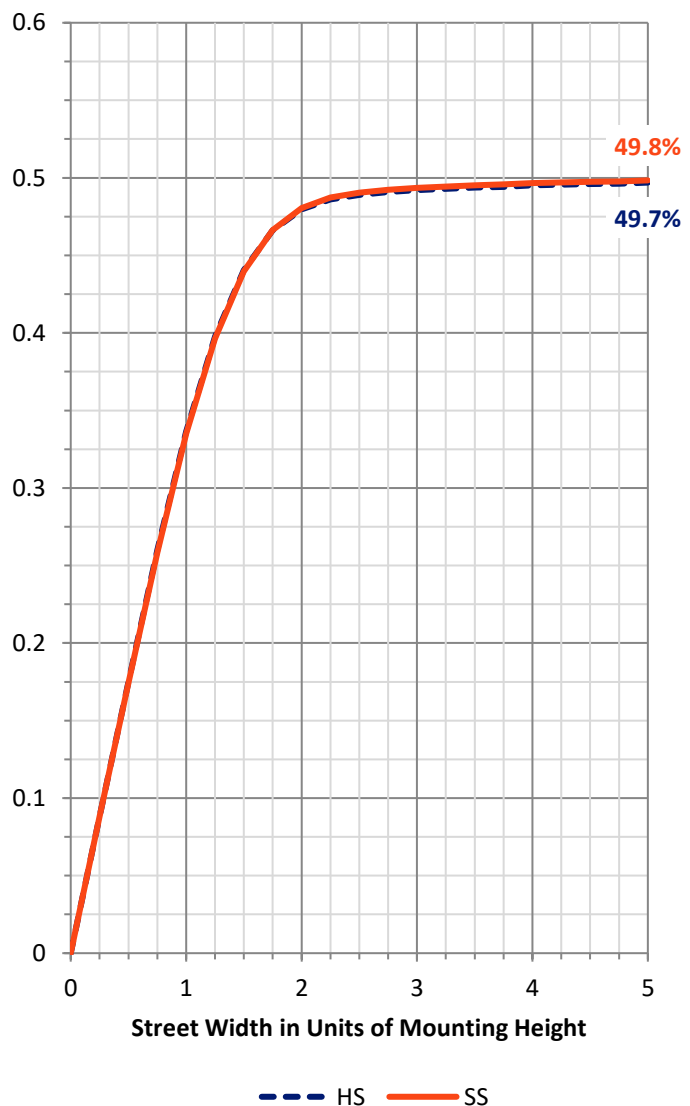
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3429.8	0.0	3429.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3429.8	0.0	3429.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	6859.6	0.0	6859.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.1	1.0
10°-20°	232.7	3.4
20°-30°	454.3	6.6
30°-40°	783.8	11.4
40°-50°	1269.7	18.5
50°-60°	1726.8	25.2
60°-70°	1593.0	23.2
70°-80°	666.6	9.7
80°-90°	63.7	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°	6859.6	100.0
0°-180°	6859.6	100.0



REPORT NUMBER: P672823

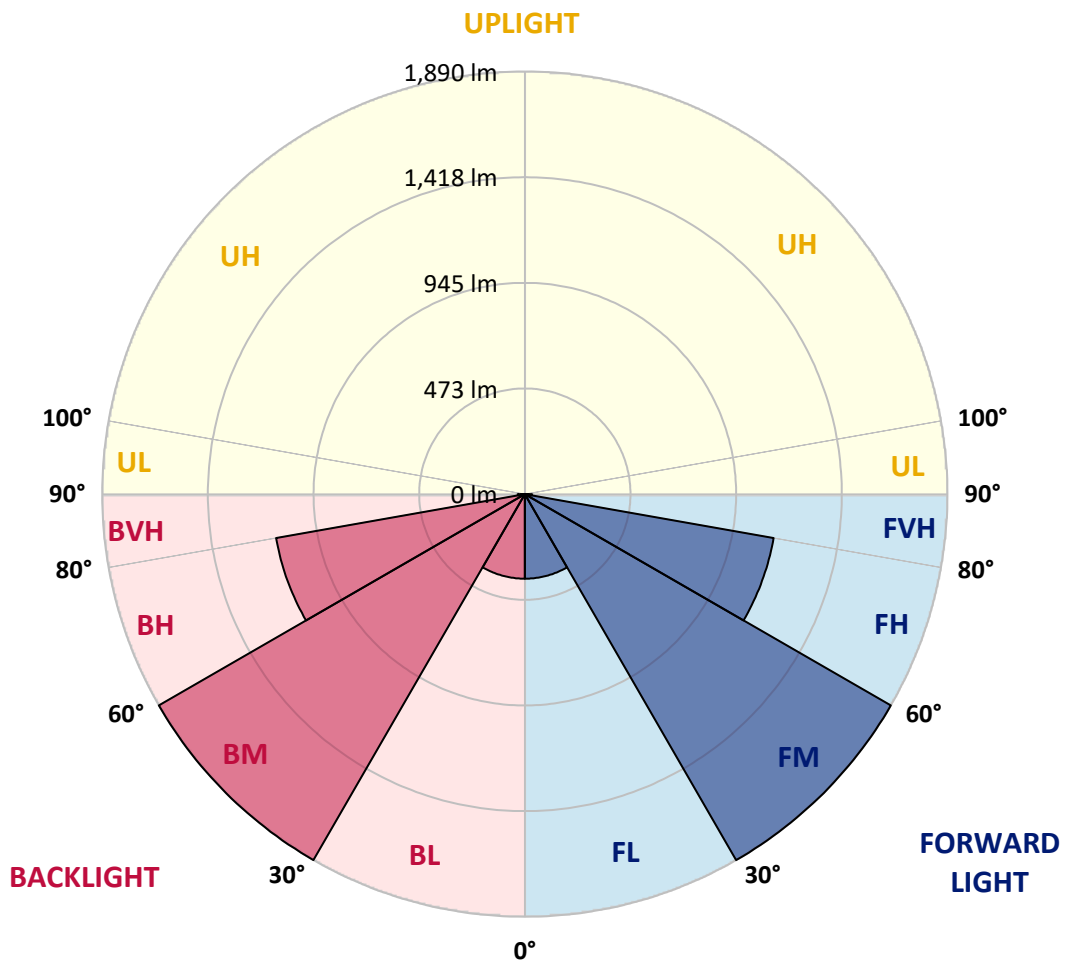
CATALOG NUMBER: CCP-SA-1E-735-U-RW

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	378.0	5.5			
FM (30°-60°)	1890.1	27.6			
FH (60°-80°)	1129.8	16.5			G1/1800
FVH (80°-90°)	31.8	0.5			G1/100
BL (0°-30°)	378.0	5.5	B1/500		
BM (30°-60°)	1890.1	27.6	B2/2500		
BH (60°-80°)	1129.8	16.5	B3/2500		G3/2500
BVH (80°-90°)	31.8	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





REPORT NUMBER: P672823
 CATALOG NUMBER: CCP-SA-1E-735-U-RW

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	697.9	697.9	697.9	697.9	697.9	697.9	697.9	697.9	697.9	697.9	697.9
2.5°	693.4	693.4	695.4	697.9	698.8	700.8	701.3	701.3	704.3	703.8	704.3
5°	691.4	691.4	694.9	699.3	704.3	710.2	716.1	719.6	727.0	728.4	728.9
7.5°	693.4	693.9	698.8	706.2	714.6	725.5	736.8	746.2	758.5	763.0	765.9
10°	700.8	701.3	707.7	718.1	730.9	746.7	763.0	777.8	797.5	806.4	807.8
12.5°	712.2	712.7	722.0	738.8	757.0	776.8	795.0	813.8	838.4	851.7	854.7
15°	729.4	727.9	742.7	767.4	793.0	817.7	834.0	852.2	878.4	895.6	900.1
17.5°	753.1	754.1	772.3	803.9	835.5	860.6	876.9	887.2	909.9	927.7	932.1
20°	782.7	787.1	810.3	846.8	883.8	910.4	921.8	920.3	933.1	948.4	951.9
22.5°	824.6	827.6	855.7	896.6	939.0	966.6	971.1	954.8	954.3	964.2	968.6
25°	873.9	876.4	906.0	953.3	998.2	1027.3	1022.9	994.8	980.0	980.5	983.4
27.5°	931.6	936.6	967.1	1015.5	1061.8	1088.5	1082.1	1041.1	1012.0	1003.1	1001.2
30°	1006.6	1012.0	1043.1	1089.5	1130.4	1154.1	1144.2	1092.4	1049.0	1034.2	1031.3
32.5°	1104.2	1103.8	1135.8	1180.7	1209.3	1224.6	1205.4	1146.7	1091.9	1072.2	1068.2
35°	1204.9	1209.8	1241.4	1284.8	1306.5	1307.4	1276.9	1210.8	1145.7	1111.6	1104.2
37.5°	1318.3	1320.8	1357.3	1398.2	1412.5	1404.6	1359.2	1285.7	1210.8	1174.8	1162.0
40°	1434.7	1437.1	1479.6	1519.0	1534.8	1516.1	1456.4	1368.6	1287.7	1248.3	1240.9
42.5°	1542.7	1549.1	1596.4	1642.8	1658.1	1636.4	1564.4	1459.3	1369.1	1331.1	1321.3
45°	1632.5	1639.4	1692.6	1751.8	1778.9	1761.2	1679.8	1561.4	1462.8	1421.9	1405.1
47.5°	1700.0	1708.9	1765.6	1836.6	1889.4	1886.0	1802.6	1669.4	1563.4	1515.1	1499.8
50°	1746.4	1755.7	1816.9	1893.3	1972.8	1999.4	1927.4	1788.8	1675.4	1621.1	1610.8
52.5°	1749.8	1758.2	1828.2	1923.4	2029.5	2088.2	2050.2	1914.6	1798.7	1742.4	1735.0
55°	1672.9	1678.8	1772.0	1898.8	2052.6	2156.2	2162.1	2051.7	1930.3	1873.6	1870.2
57.5°	1496.3	1504.7	1616.2	1783.9	2014.2	2200.1	2259.3	2195.2	2079.3	2026.0	2023.1
60°	1208.8	1219.7	1346.9	1569.8	1875.1	2188.8	2341.7	2329.8	2242.0	2190.2	2188.3
62.5°	852.7	856.7	989.3	1234.9	1602.9	2068.4	2381.6	2461.0	2410.7	2358.4	2361.4
65°	501.1	506.5	603.7	824.6	1215.7	1791.8	2312.6	2552.2	2545.8	2498.0	2502.9
67.5°	264.8	264.8	313.7	450.8	764.4	1341.5	2037.9	2501.9	2585.8	2543.9	2546.3
70°	183.0	182.5	191.4	226.4	369.4	831.5	1524.4	2238.6	2504.4	2488.6	2495.0
72.5°	154.9	153.9	154.4	159.3	187.9	375.8	925.7	1724.2	2232.7	2256.8	2262.3
75°	135.6	134.1	133.2	132.2	134.6	170.6	422.2	1063.8	1655.1	1807.0	1804.1
77.5°	116.9	115.9	114.9	111.5	107.5	112.0	172.6	478.4	851.2	1004.6	993.8
80°	96.2	96.2	97.7	92.7	85.3	82.4	103.1	178.5	282.6	294.9	271.3
82.5°	75.5	75.5	82.9	76.0	67.1	59.7	71.5	95.2	114.9	93.2	76.0
85°	53.3	53.8	69.0	63.1	51.8	34.5	44.4	56.7	64.6	40.9	32.1
87.5°	21.7	23.2	42.9	34.0	32.6	17.3	20.7	25.2	32.1	17.3	13.8
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)