

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: P672900

Luminaire Tested: **CCP-SA-1E-840-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672900
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-840-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ RW distribution lens
Light Source: (16) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5929.7 lumens
Efficiency: N/A
Efficacy: 105.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

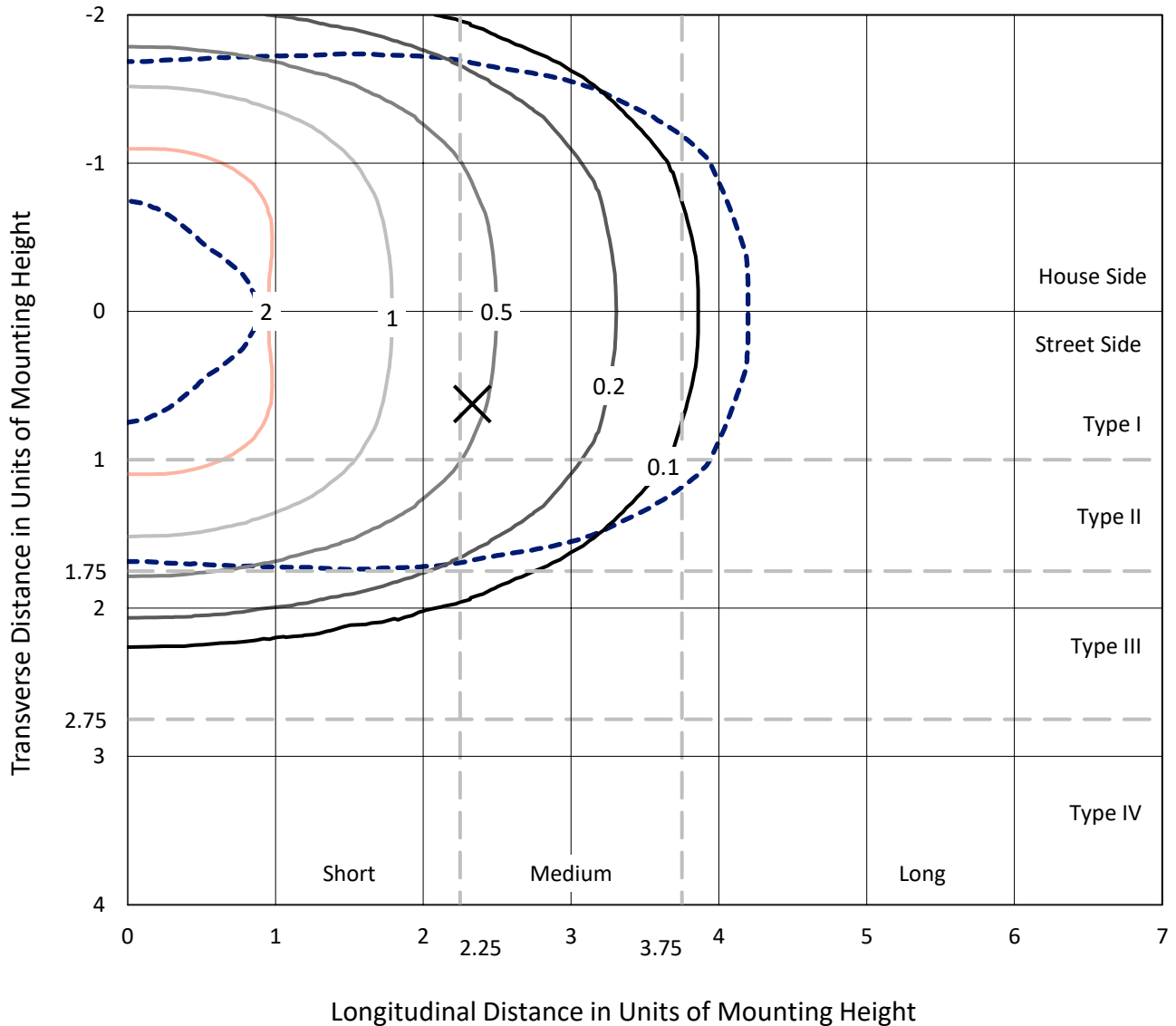
Input Watts (W): 56.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P672900
 CATALOG NUMBER: CCP-SA-1E-840-U-RW

Iso-Footcandle Lines of Horizontal Illumination

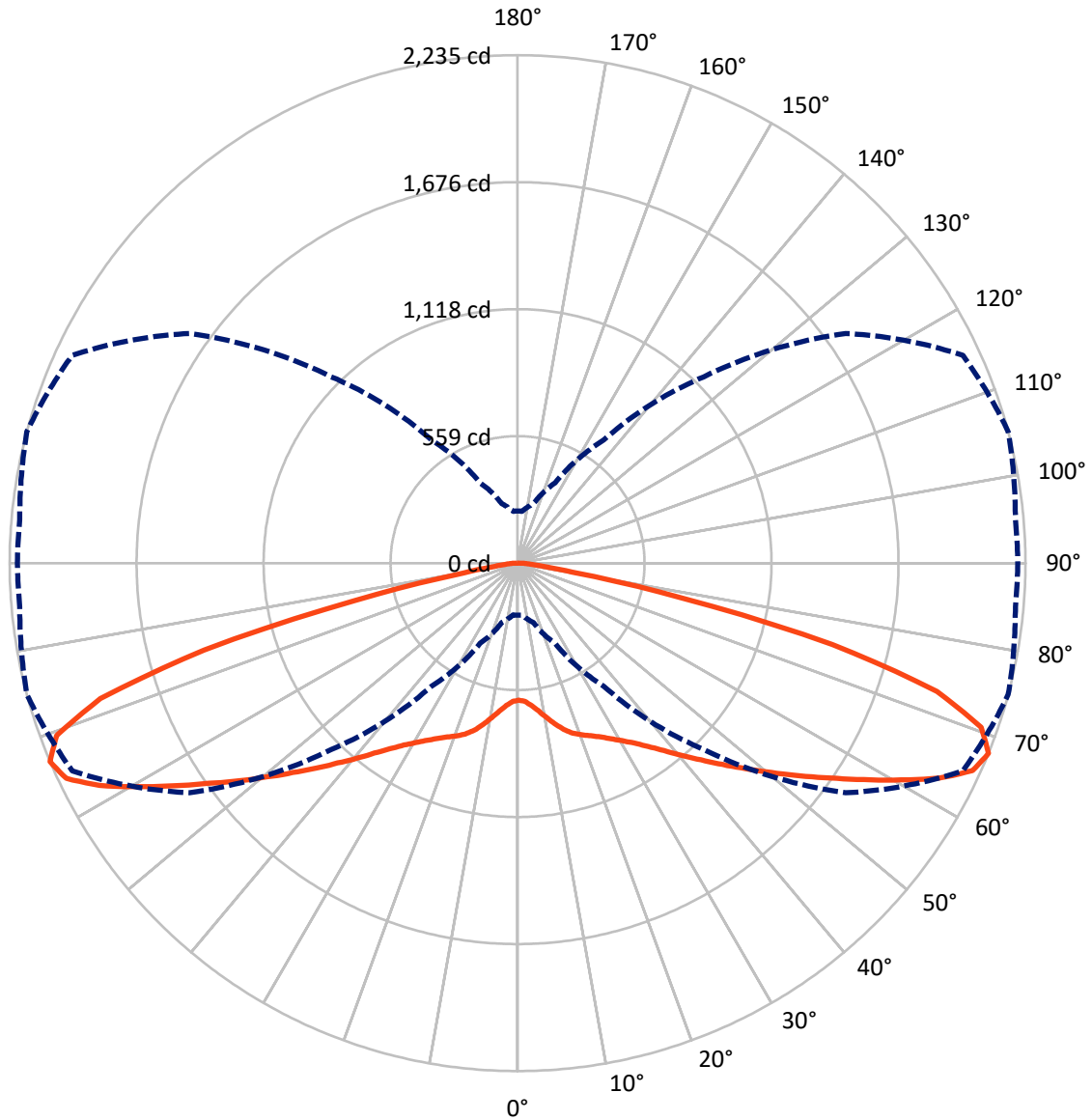
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.1 fc
 Type II - Medium - N/A

REPORT NUMBER: P672900
CATALOG NUMBER: CCP-SA-1E-840-U-RW

Luminous Intensity Polar Plot



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

REPORT NUMBER: P672900
 CATALOG NUMBER: CCP-SA-1E-840-U-RW

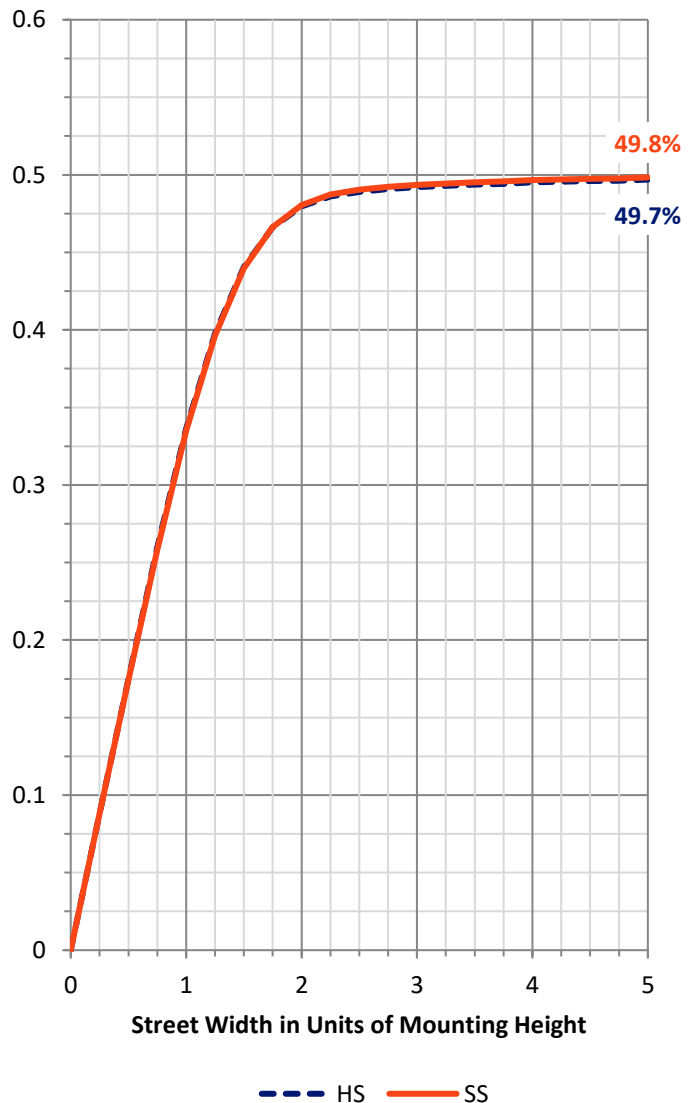
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2964.9	0.0	2964.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2964.9	0.0	2964.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	5929.7	0.0	5929.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.7	1.0
10°-20°	201.1	3.4
20°-30°	392.8	6.6
30°-40°	677.6	11.4
40°-50°	1097.6	18.5
50°-60°	1492.7	25.2
60°-70°	1377.1	23.2
70°-80°	576.2	9.7
80°-90°	55.0	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°	5929.7	100.0
0°-180°	5929.7	100.0



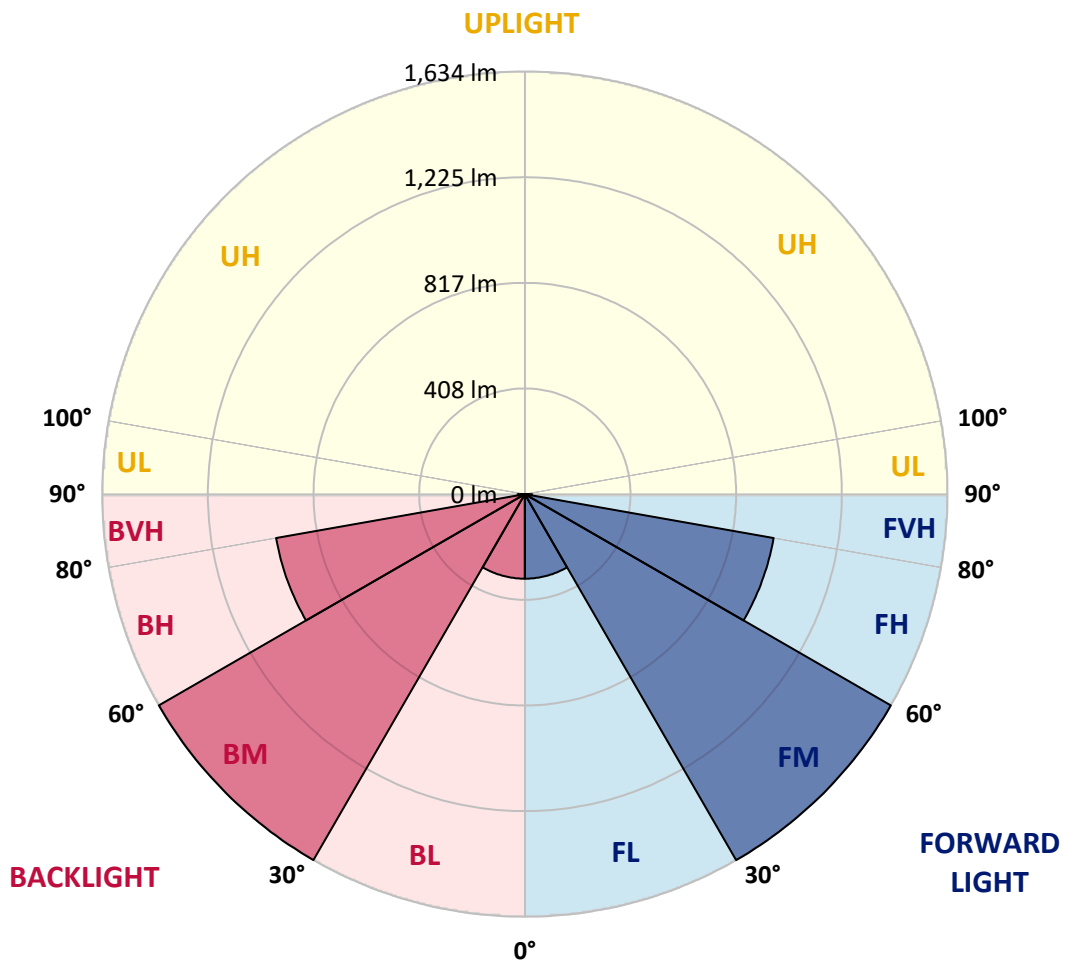
REPORT NUMBER: P672900
 CATALOG NUMBER: CCP-SA-1E-840-U-RW

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	326.8	5.5			
FM (30°-60°)	1633.9	27.6			
FH (60°-80°)	976.6	16.5			G1/1800
FVH (80°-90°)	27.5	0.5			G1/100
BL (0°-30°)	326.8	5.5	B1/500		
BM (30°-60°)	1633.9	27.6	B2/2500		
BH (60°-80°)	976.6	16.5	B2/1000		G2/1000
BVH (80°-90°)	27.5	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Medium





REPORT NUMBER: P672900
 CATALOG NUMBER: CCP-SA-1E-840-U-RW

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	603.3	603.3	603.3	603.3	603.3	603.3	603.3	603.3	603.3	603.3	603.3
2.5°	599.4	599.4	601.1	603.3	604.1	605.8	606.2	606.2	608.8	608.4	608.8
5°	597.7	597.7	600.7	604.5	608.8	613.9	619.0	622.0	628.4	629.7	630.1
7.5°	599.4	599.9	604.1	610.5	617.8	627.1	636.9	645.0	655.7	659.5	662.1
10°	605.8	606.2	611.8	620.7	631.8	645.5	659.5	672.3	689.4	697.1	698.3
12.5°	615.6	616.1	624.2	638.6	654.4	671.5	687.2	703.4	724.8	736.3	738.8
15°	630.5	629.3	642.1	663.4	685.5	706.9	720.9	736.7	759.3	774.2	778.1
17.5°	651.0	651.9	667.6	694.9	722.2	744.0	758.0	767.0	786.6	801.9	805.8
20°	676.6	680.4	700.5	732.0	764.0	787.0	796.8	795.5	806.6	819.8	822.8
22.5°	712.8	715.4	739.7	775.1	811.7	835.6	839.4	825.4	825.0	833.5	837.3
25°	755.5	757.6	783.2	824.1	862.9	888.1	884.2	859.9	847.1	847.5	850.1
27.5°	805.3	809.6	836.0	877.8	917.9	940.9	935.4	900.0	874.8	867.2	865.5
30°	870.1	874.8	901.7	941.8	977.2	997.6	989.1	944.3	906.8	894.0	891.5
32.5°	954.6	954.1	981.8	1020.6	1045.4	1058.6	1042.0	991.2	943.9	926.8	923.4
35°	1041.5	1045.8	1073.1	1110.6	1129.4	1130.2	1103.8	1046.6	990.4	961.0	954.6
37.5°	1139.6	1141.7	1173.3	1208.7	1221.0	1214.2	1175.0	1111.4	1046.6	1015.5	1004.4
40°	1240.2	1242.3	1279.0	1313.1	1326.7	1310.5	1259.0	1183.1	1113.2	1079.0	1072.7
42.5°	1333.6	1339.1	1380.0	1420.1	1433.3	1414.6	1352.3	1261.5	1183.5	1150.7	1142.1
45°	1411.2	1417.1	1463.2	1514.3	1537.8	1522.4	1452.1	1349.8	1264.5	1229.1	1214.6
47.5°	1469.6	1477.2	1526.3	1587.7	1633.3	1630.3	1558.2	1443.1	1351.5	1309.7	1296.5
50°	1509.6	1517.7	1570.6	1636.7	1705.3	1728.4	1666.1	1546.3	1448.3	1401.4	1392.4
52.5°	1512.6	1519.9	1580.4	1662.7	1754.4	1805.1	1772.3	1655.0	1554.8	1506.2	1499.8
55°	1446.1	1451.2	1531.8	1641.4	1774.4	1863.9	1869.0	1773.5	1668.7	1619.6	1616.7
57.5°	1293.5	1300.7	1397.1	1542.0	1741.1	1901.9	1953.0	1897.6	1797.4	1751.4	1748.8
60°	1044.9	1054.3	1164.3	1357.0	1620.9	1892.1	2024.2	2014.0	1938.1	1893.3	1891.6
62.5°	737.1	740.5	855.2	1067.5	1385.6	1788.0	2058.8	2127.4	2083.9	2038.7	2041.3
65°	433.2	437.8	521.8	712.8	1050.9	1548.9	1999.1	2206.3	2200.7	2159.4	2163.6
67.5°	228.9	228.9	271.1	389.7	660.8	1159.6	1761.6	2162.8	2235.3	2199.0	2201.2
70°	158.2	157.7	165.4	195.7	319.3	718.8	1317.8	1935.1	2164.9	2151.3	2156.8
72.5°	133.9	133.0	133.4	137.7	162.4	324.9	800.2	1490.5	1930.0	1950.9	1955.6
75°	117.2	116.0	115.1	114.3	116.4	147.5	364.9	919.6	1430.8	1562.1	1559.5
77.5°	101.0	100.2	99.3	96.4	92.9	96.8	149.2	413.5	735.9	868.4	859.1
80°	83.1	83.1	84.4	80.2	73.8	71.2	89.1	154.3	244.3	254.9	234.5
82.5°	65.2	65.2	71.6	65.7	58.0	51.6	61.8	82.3	99.3	80.6	65.7
85°	46.0	46.5	59.7	54.6	44.8	29.8	38.4	49.0	55.8	35.4	27.7
87.5°	18.8	20.0	37.1	29.4	28.1	14.9	17.9	21.7	27.7	14.9	11.9
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)