

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: P672838

Luminaire Tested: **CCP-SA-2C-740-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672838
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-740-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ RW distribution lens
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

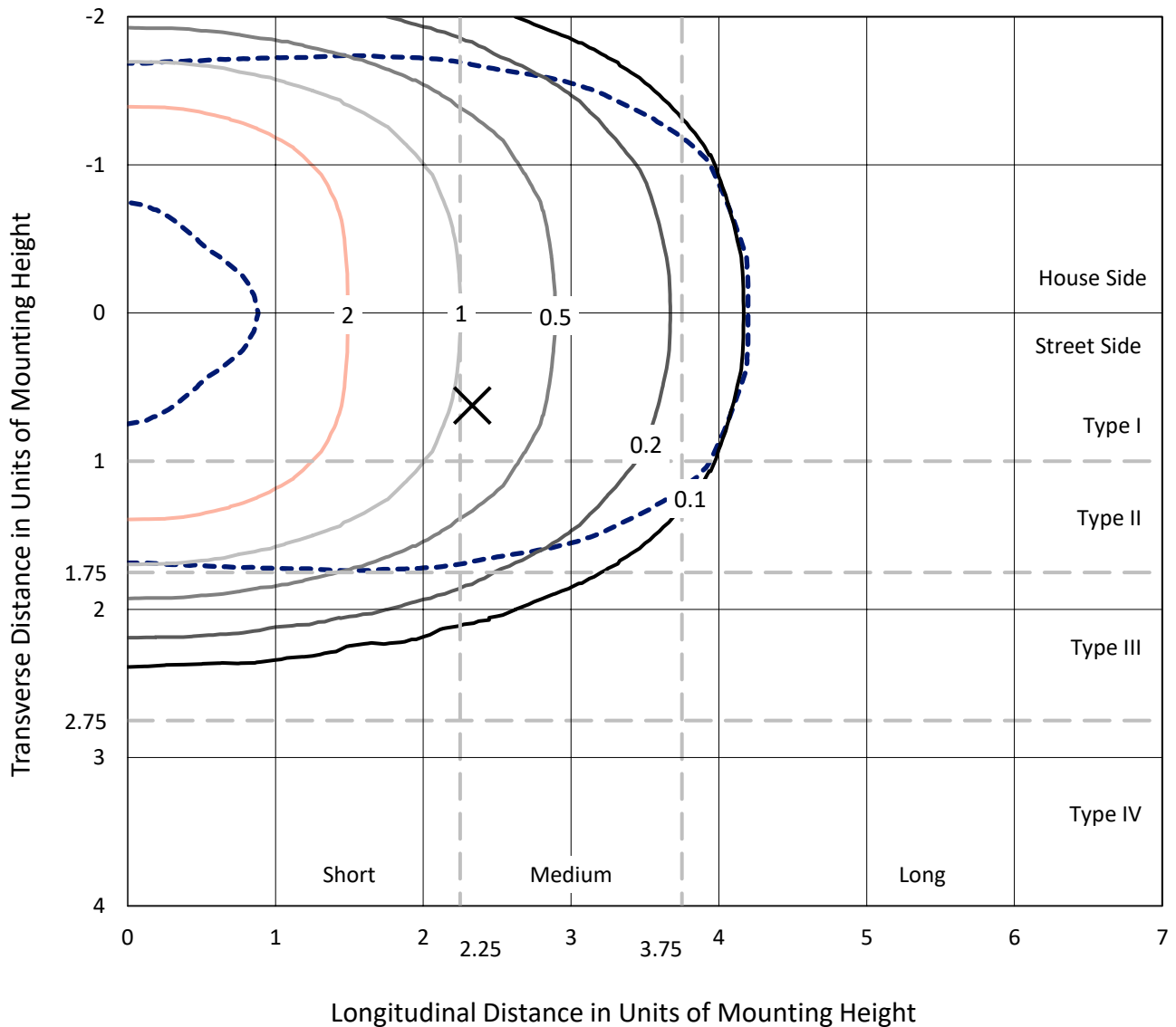
Lumens per Lamp: N/A
Luminaire Lumens: 9197.3 lumens
Efficiency: N/A
Efficacy: 148.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

Input Watts (W): 62.1
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: P672838
 CATALOG NUMBER: CCP-SA-2C-740-U-RW

Iso-Footcandle Lines of Horizontal Illumination

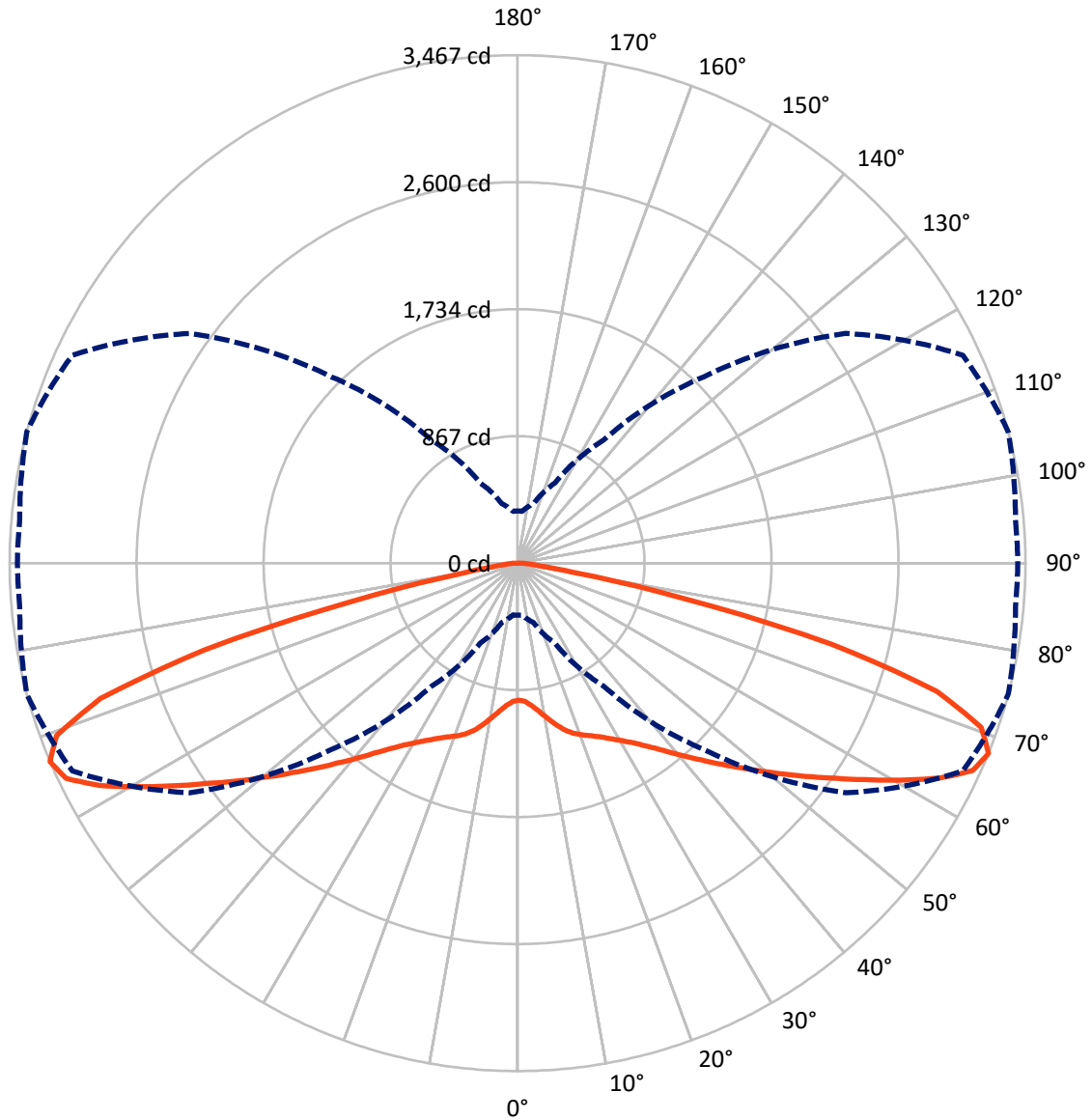
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.8 fc
 Type II - Medium - N/A

REPORT NUMBER: P672838
CATALOG NUMBER: CCP-SA-2C-740-U-RW

Luminous Intensity Polar Plot



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

REPORT NUMBER: P672838

CATALOG NUMBER: CCP-SA-2C-740-U-RW

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4598.7	0.0	4598.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4598.7	0.0	4598.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	9197.3	0.0	9197.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.6	1.0
10°-20°	312.0	3.4
20°-30°	609.2	6.6
30°-40°	1050.9	11.4
40°-50°	1702.4	18.5
50°-60°	2315.3	25.2
60°-70°	2135.9	23.2
70°-80°	893.7	9.7
80°-90°	85.3	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°	9197.3	100.0
0°-180°	9197.3	100.0



REPORT NUMBER: P672838

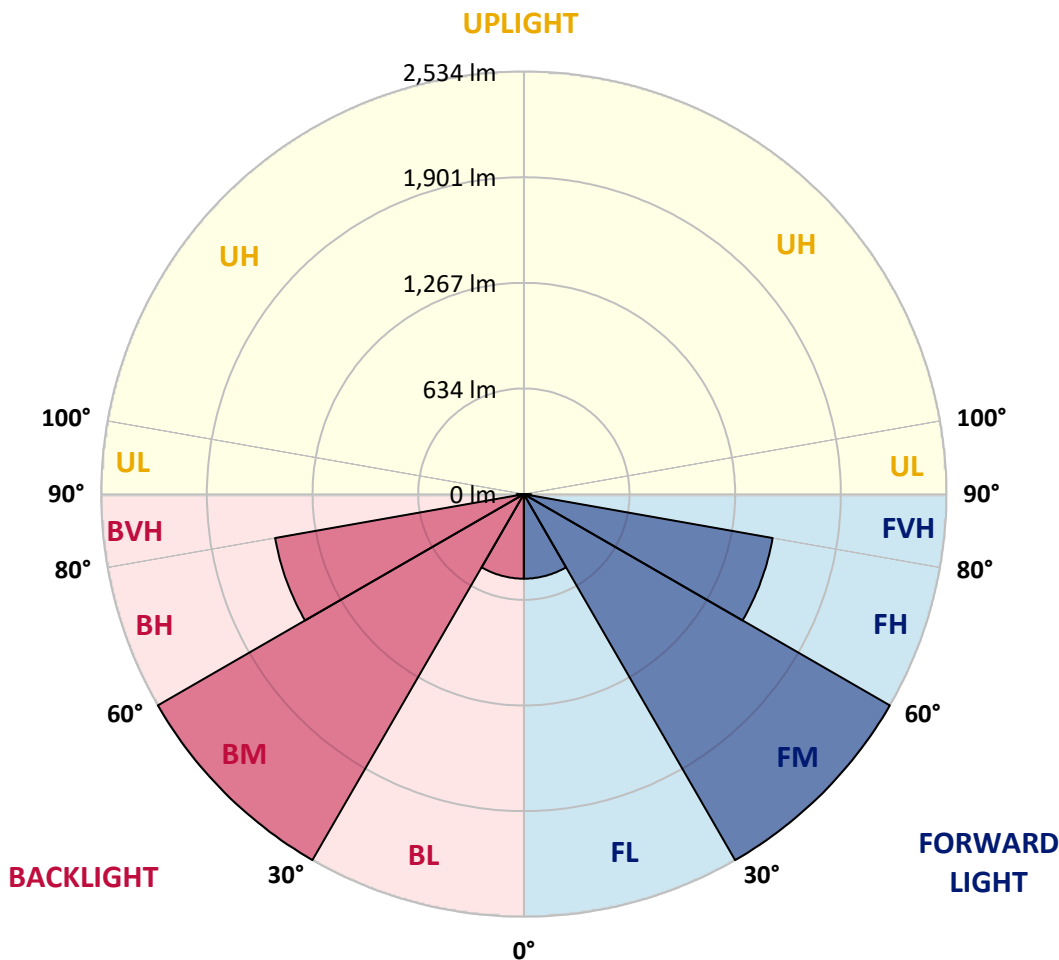
CATALOG NUMBER: CCP-SA-2C-740-U-RW

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	506.9	5.5			
FM (30°-60°)	2534.3	27.6			
FH (60°-80°)	1514.8	16.5			G1/1800
FVH (80°-90°)	42.7	0.5			G1/100
BL (0°-30°)	506.9	5.5	B2/1000		
BM (30°-60°)	2534.3	27.6	B3/5000		
BH (60°-80°)	1514.8	16.5	B3/2500		G3/2500
BVH (80°-90°)	42.7	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: P672838
 CATALOG NUMBER: CCP-SA-2C-740-U-RW

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	935.7	935.7	935.7	935.7	935.7	935.7	935.7	935.7	935.7	935.7	935.7
2.5°	929.7	929.7	932.4	935.7	937.0	939.7	940.3	940.3	944.3	943.6	944.3
5°	927.1	927.1	931.7	937.7	944.3	952.2	960.2	964.8	974.7	976.7	977.4
7.5°	929.7	930.4	937.0	946.9	958.2	972.7	987.9	1000.5	1017.0	1023.0	1026.9
10°	939.7	940.3	948.9	962.8	980.0	1001.2	1023.0	1042.8	1069.3	1081.2	1083.2
12.5°	954.9	955.5	968.1	990.6	1015.0	1041.5	1066.0	1091.1	1124.2	1142.0	1146.0
15°	978.0	976.0	995.9	1028.9	1063.3	1096.4	1118.2	1142.7	1177.7	1200.9	1206.8
17.5°	1009.8	1011.1	1035.5	1077.9	1120.2	1153.9	1175.7	1189.6	1220.0	1243.8	1249.8
20°	1049.4	1055.4	1086.5	1135.4	1185.0	1220.7	1235.9	1233.9	1251.1	1271.6	1276.2
22.5°	1105.6	1109.6	1147.3	1202.2	1259.1	1296.1	1302.0	1280.2	1279.6	1292.8	1298.7
25°	1171.8	1175.1	1214.7	1278.2	1338.4	1377.4	1371.5	1333.8	1313.9	1314.6	1318.6
27.5°	1249.1	1255.7	1296.7	1361.6	1423.7	1459.4	1450.8	1395.9	1356.9	1345.0	1342.4
30°	1349.6	1356.9	1398.6	1460.7	1515.6	1547.4	1534.1	1464.7	1406.5	1386.7	1382.7
32.5°	1480.6	1479.9	1522.9	1583.1	1621.4	1641.9	1616.1	1537.4	1464.0	1437.6	1432.3
35°	1615.5	1622.1	1664.4	1722.6	1751.7	1753.0	1712.0	1623.4	1536.1	1490.5	1480.6
37.5°	1767.6	1770.9	1819.8	1874.7	1893.9	1883.3	1822.5	1723.9	1623.4	1575.1	1557.9
40°	1923.6	1926.9	1983.8	2036.7	2057.9	2032.7	1952.7	1835.0	1726.6	1673.7	1663.8
42.5°	2068.4	2077.0	2140.5	2202.7	2223.2	2194.1	2097.5	1956.7	1835.7	1784.8	1771.5
45°	2188.8	2198.1	2269.5	2348.8	2385.2	2361.4	2252.3	2093.6	1961.3	1906.4	1884.0
47.5°	2279.4	2291.3	2367.3	2462.6	2533.3	2528.7	2416.9	2238.4	2096.2	2031.4	2010.9
50°	2341.5	2354.1	2436.1	2538.6	2645.1	2680.8	2584.2	2398.4	2246.3	2173.6	2159.7
52.5°	2346.2	2357.4	2451.3	2578.9	2721.1	2799.8	2748.9	2567.0	2411.6	2336.3	2326.3
55°	2243.0	2251.0	2375.9	2545.9	2752.2	2891.1	2899.0	2750.9	2588.2	2512.2	2507.5
57.5°	2006.3	2017.5	2167.0	2391.8	2700.6	2949.9	3029.3	2943.3	2787.9	2716.5	2712.5
60°	1620.8	1635.3	1805.9	2104.8	2514.1	2934.7	3139.7	3123.8	3006.1	2936.7	2934.0
62.5°	1143.3	1148.6	1326.5	1655.8	2149.1	2773.4	3193.3	3299.7	3232.3	3162.2	3166.2
65°	671.8	679.1	809.4	1105.6	1630.0	2402.4	3100.7	3422.1	3413.5	3349.3	3355.9
67.5°	355.1	355.1	420.6	604.4	1025.0	1798.6	2732.4	3354.6	3467.0	3410.8	3414.1
70°	245.3	244.7	256.6	303.5	495.3	1114.9	2044.0	3001.5	3357.9	3336.8	3345.4
72.5°	207.6	206.3	207.0	213.6	251.9	503.9	1241.2	2311.8	2993.6	3026.0	3033.2
75°	181.8	179.9	178.5	177.2	180.5	228.8	566.0	1426.4	2219.2	2422.9	2418.9
77.5°	156.7	155.4	154.1	149.4	144.2	150.1	231.4	641.4	1141.3	1347.0	1332.5
80°	128.9	128.9	130.9	124.3	114.4	110.4	138.2	239.4	378.9	395.4	363.7
82.5°	101.2	101.2	111.1	101.8	89.9	80.0	95.9	127.6	154.1	125.0	101.8
85°	71.4	72.1	92.6	84.6	69.4	46.3	59.5	76.0	86.6	54.9	43.0
87.5°	29.1	31.1	57.5	45.6	43.6	23.1	27.8	33.7	43.0	23.1	18.5
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)