

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: P672403

Luminaire Tested: **CCP-SA-1F-740-U-5WQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672403
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-740-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ 5WQ
distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7858.3 lumens
Efficiency: N/A
Efficacy: 117.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

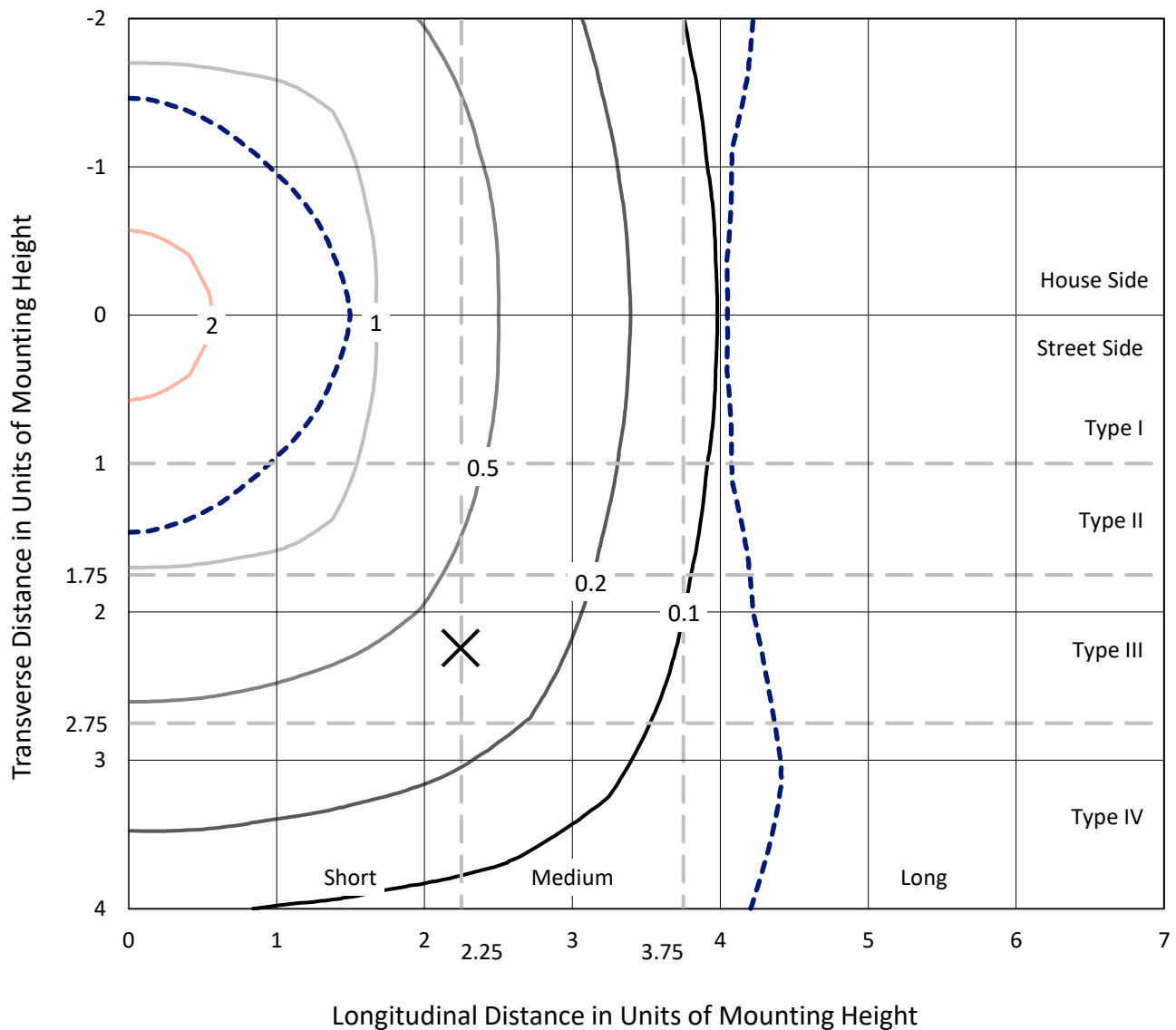
Input Watts (W): 67
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672403

CATALOG NUMBER: CCP-SA-1F-740-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination

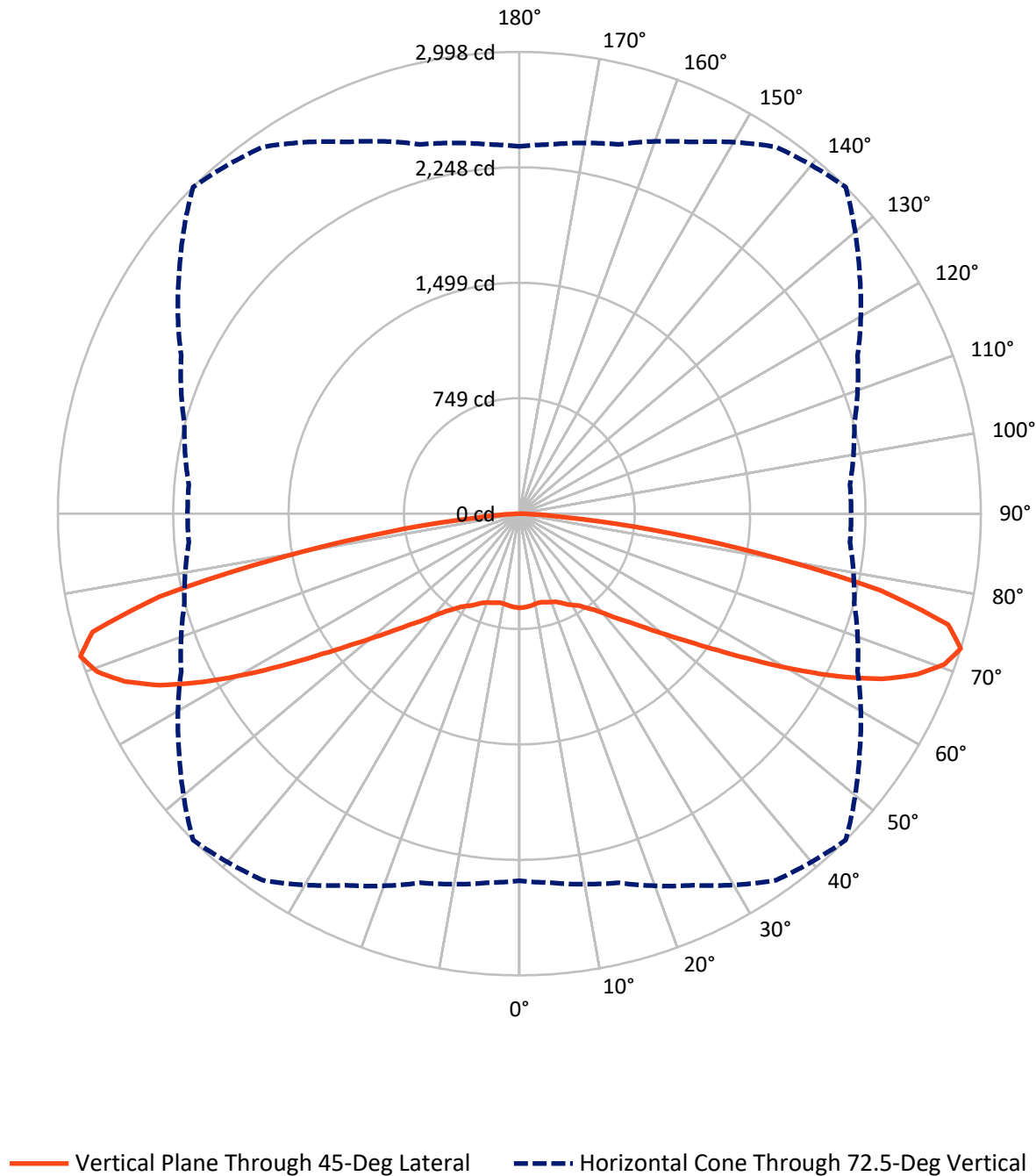
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.7 fc
Type V - Short - N/A

REPORT NUMBER: P672403
CATALOG NUMBER: CCP-SA-1F-740-U-5WQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672403

CATALOG NUMBER: CCP-SA-1F-740-U-5WQ

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3929.2	0.0	3929.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3929.2	0.0	3929.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	7858.3	0.0	7858.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.5	0.7
10°-20°	170.7	2.2
20°-30°	299.8	3.8
30°-40°	478.3	6.1
40°-50°	799.8	10.2
50°-60°	1368.7	17.4
60°-70°	2259.5	28.8
70°-80°	2165.7	27.6
80°-90°	258.3	3.3
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°	7858.3	100.0
0°-180°	7858.3	100.0



REPORT NUMBER: P672403

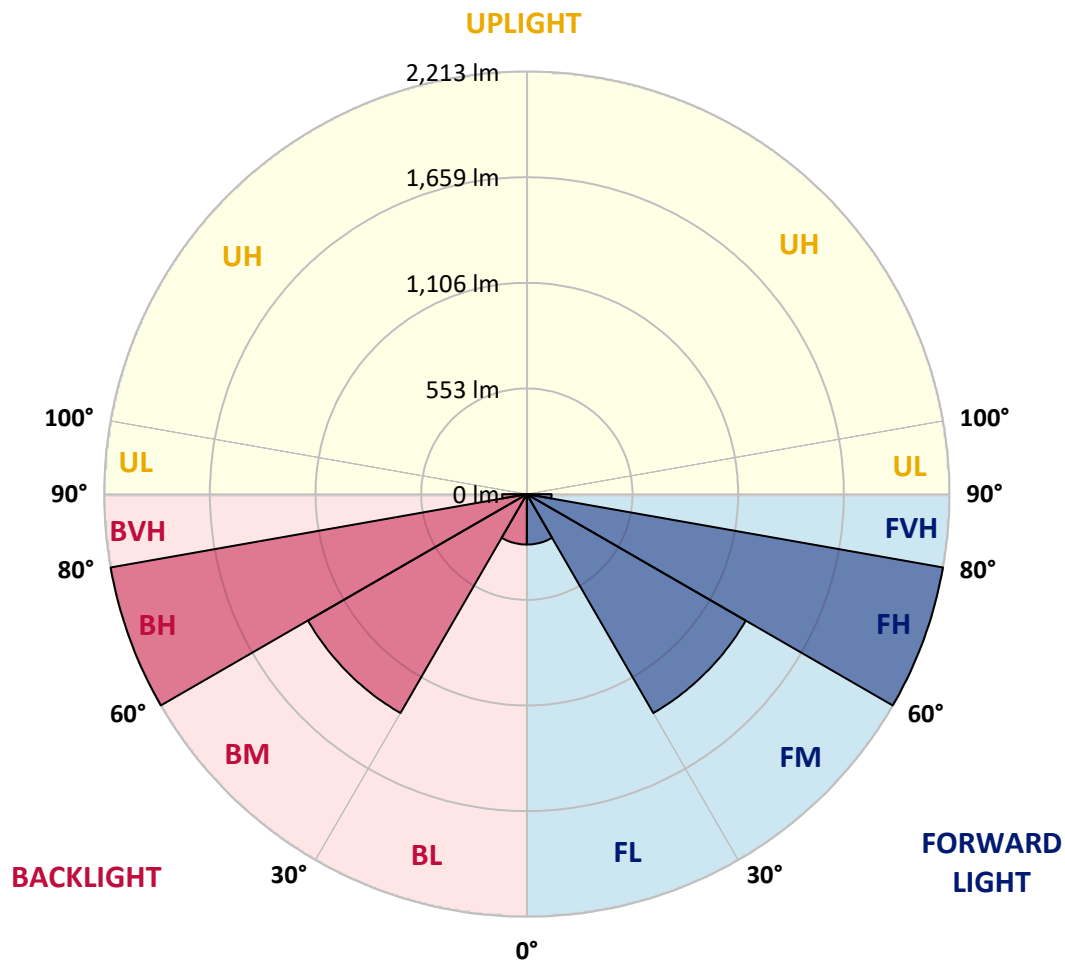
CATALOG NUMBER: CCP-SA-1F-740-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	264.0	3.4			
FM	(30°-60°)	1323.5	16.8			
FH	(60°-80°)	2212.6	28.2			G2/5000
FVH	(80°-90°)	129.1	1.6			G2/225
BL	(0°-30°)	264.0	3.4	B1/500		
BM	(30°-60°)	1323.5	16.8	B2/2500		
BH	(60°-80°)	2212.6	28.2	B3/2500		G2/5000
BVH	(80°-90°)	129.1	1.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short





REPORT NUMBER: P672403

CATALOG NUMBER: CCP-SA-1F-740-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	611.9	611.9	611.9	611.9	611.9	611.9	611.9	611.9	611.9	611.9	611.9
2.5°	608.1	608.1	609.7	610.3	609.7	609.2	608.7	608.1	609.7	609.2	609.7
5°	606.5	606.5	607.0	607.6	606.5	605.9	604.8	604.3	605.4	605.4	606.5
7.5°	602.1	601.5	602.1	602.6	601.0	600.4	598.8	598.8	598.8	598.2	599.3
10°	598.2	597.1	597.1	596.0	593.3	593.8	591.7	593.3	596.0	596.6	597.1
12.5°	599.9	598.8	597.7	594.9	591.1	591.7	591.1	592.7	596.6	598.8	600.4
15°	607.6	606.5	603.7	598.8	596.6	596.6	595.5	596.0	601.5	604.8	606.5
17.5°	615.8	613.6	608.7	605.4	603.2	604.8	601.0	600.4	604.8	609.7	611.4
20°	622.4	620.7	614.7	610.8	610.8	612.5	608.7	606.5	611.4	617.4	619.1
22.5°	633.9	632.8	626.7	622.9	622.9	623.5	621.3	619.6	625.1	631.1	632.8
25°	650.3	650.3	644.3	642.6	642.1	643.2	640.5	638.8	643.7	648.1	649.8
27.5°	669.5	667.9	662.9	661.8	664.0	667.9	662.9	658.6	662.4	666.2	666.8
30°	689.8	689.8	685.4	685.4	687.1	688.7	684.3	679.9	683.8	688.2	688.7
32.5°	718.3	716.7	715.0	715.6	715.0	712.8	710.6	710.1	713.4	716.1	717.2
35°	753.4	752.9	750.7	751.8	751.8	751.8	745.2	743.0	748.5	750.7	749.6
37.5°	807.7	807.1	801.7	798.4	794.5	792.9	784.7	784.1	797.3	803.9	802.8
40°	874.0	871.9	866.9	861.4	856.5	853.2	845.0	851.0	864.7	869.7	869.7
42.5°	946.4	943.7	938.2	935.5	932.2	928.9	917.9	920.7	937.1	942.0	936.6
45°	1035.3	1031.4	1025.4	1019.4	1014.4	1007.8	1002.4	1005.1	1022.6	1028.7	1024.3
47.5°	1129.6	1128.5	1123.5	1118.6	1114.2	1109.8	1102.7	1107.6	1123.0	1121.9	1113.1
50°	1229.4	1231.6	1232.1	1237.0	1233.8	1234.3	1221.1	1218.4	1230.5	1223.3	1212.4
52.5°	1336.8	1340.1	1351.6	1361.5	1379.6	1381.8	1365.4	1347.8	1345.6	1327.0	1315.5
55°	1461.3	1460.8	1486.0	1513.4	1553.4	1566.0	1529.3	1496.4	1478.3	1442.1	1430.1
57.5°	1602.2	1600.6	1639.0	1687.2	1759.6	1790.9	1723.4	1660.9	1617.0	1573.7	1561.1
60°	1755.2	1759.1	1805.7	1884.1	2009.1	2052.4	1950.4	1846.8	1779.9	1723.4	1718.5
62.5°	1934.0	1934.5	1989.4	2095.7	2258.0	2327.7	2187.3	2046.9	1961.9	1900.0	1886.8
65°	2145.1	2148.9	2207.6	2315.1	2501.5	2587.6	2425.8	2254.8	2154.4	2070.5	2068.9
67.5°	2361.7	2359.5	2413.2	2527.3	2707.1	2786.6	2617.2	2426.4	2295.9	2191.1	2177.4
70°	2500.4	2512.5	2570.6	2679.7	2851.9	2929.2	2723.0	2492.7	2356.2	2260.2	2253.7
72.5°	2383.6	2406.1	2481.2	2662.2	2906.2	2997.7	2697.8	2424.2	2252.0	2155.5	2155.5
75°	1935.1	1972.4	2077.1	2355.6	2718.6	2877.1	2497.7	2121.5	1870.9	1767.8	1767.8
77.5°	1178.9	1214.6	1356.0	1696.0	2195.5	2398.4	2036.0	1597.8	1307.8	1181.7	1165.2
80°	392.1	415.1	553.8	862.0	1347.8	1596.2	1364.3	907.5	585.6	446.3	444.2
82.5°	104.2	113.5	157.9	250.0	585.1	864.7	624.0	299.4	171.6	133.2	122.8
85°	36.2	38.9	66.9	83.3	148.6	286.2	173.8	108.6	83.3	50.4	47.2
87.5°	10.4	11.5	26.9	29.1	42.8	33.4	47.2	43.3	39.5	16.5	14.8
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)