

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: P672404

Luminaire Tested: **CCP-SA-2A-740-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672404
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-740-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5WQ
distribution lens
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5734.9 lumens
Efficiency: N/A
Efficacy: 158.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

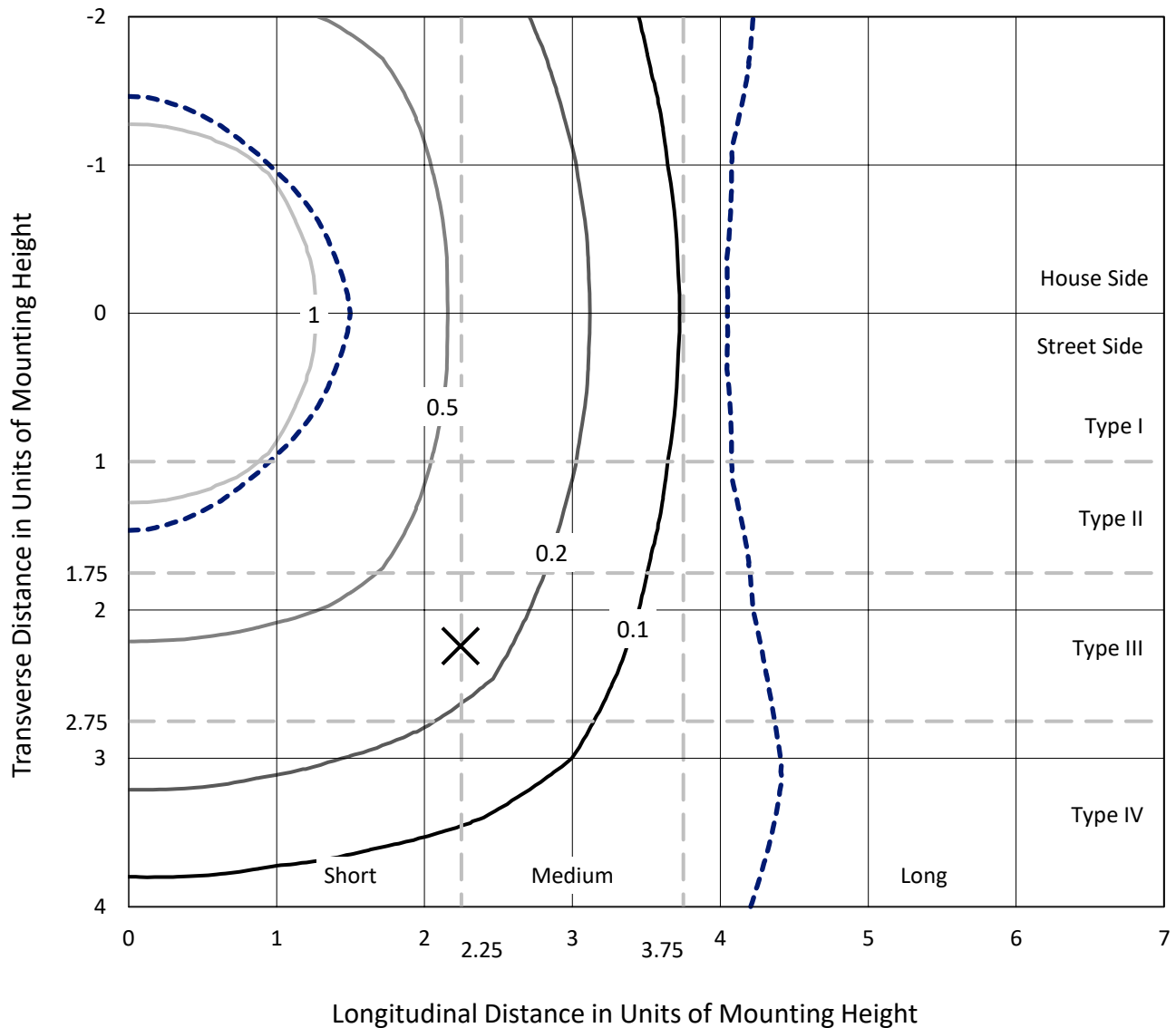
Input Watts (W): 36.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672404

CATALOG NUMBER: CCP-SA-2A-740-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

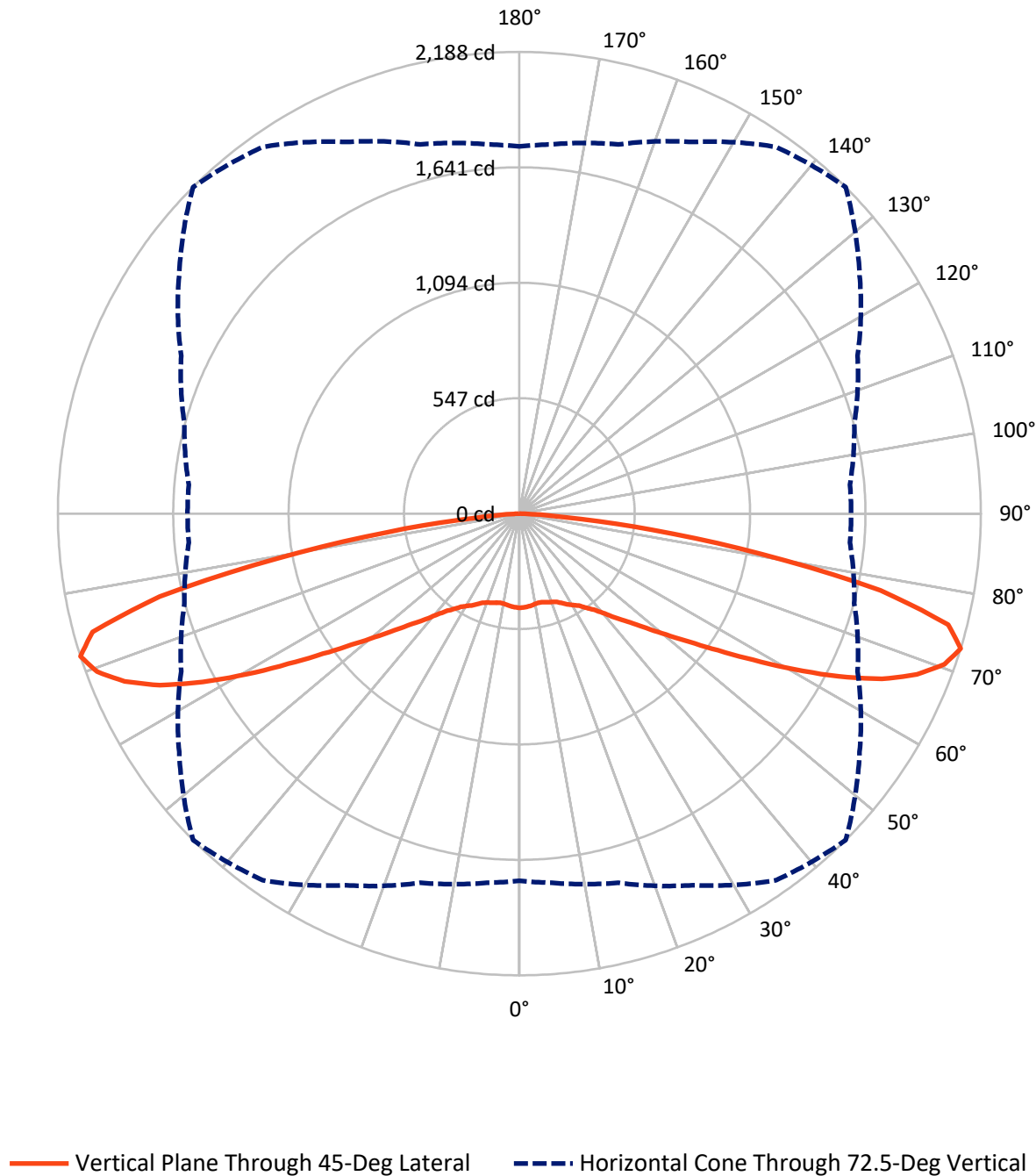


Based on 15 foot mounting height. Maximum calculated value = 2 fc
Type V - Short - N/A

REPORT NUMBER: P672404

CATALOG NUMBER: CCP-SA-2A-740-U-5WQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672404

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2867.4	0.0	2867.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2867.4	0.0	2867.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	5734.9	0.0	5734.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.9	0.7
10°-20°	124.6	2.2
20°-30°	218.8	3.8
30°-40°	349.1	6.1
40°-50°	583.7	10.2
50°-60°	998.9	17.4
60°-70°	1649.0	28.8
70°-80°	1580.4	27.6
80°-90°	188.5	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°	5734.9	100.0
0°-180°	5734.9	100.0

Coefficient of Utilization



REPORT NUMBER: P672404

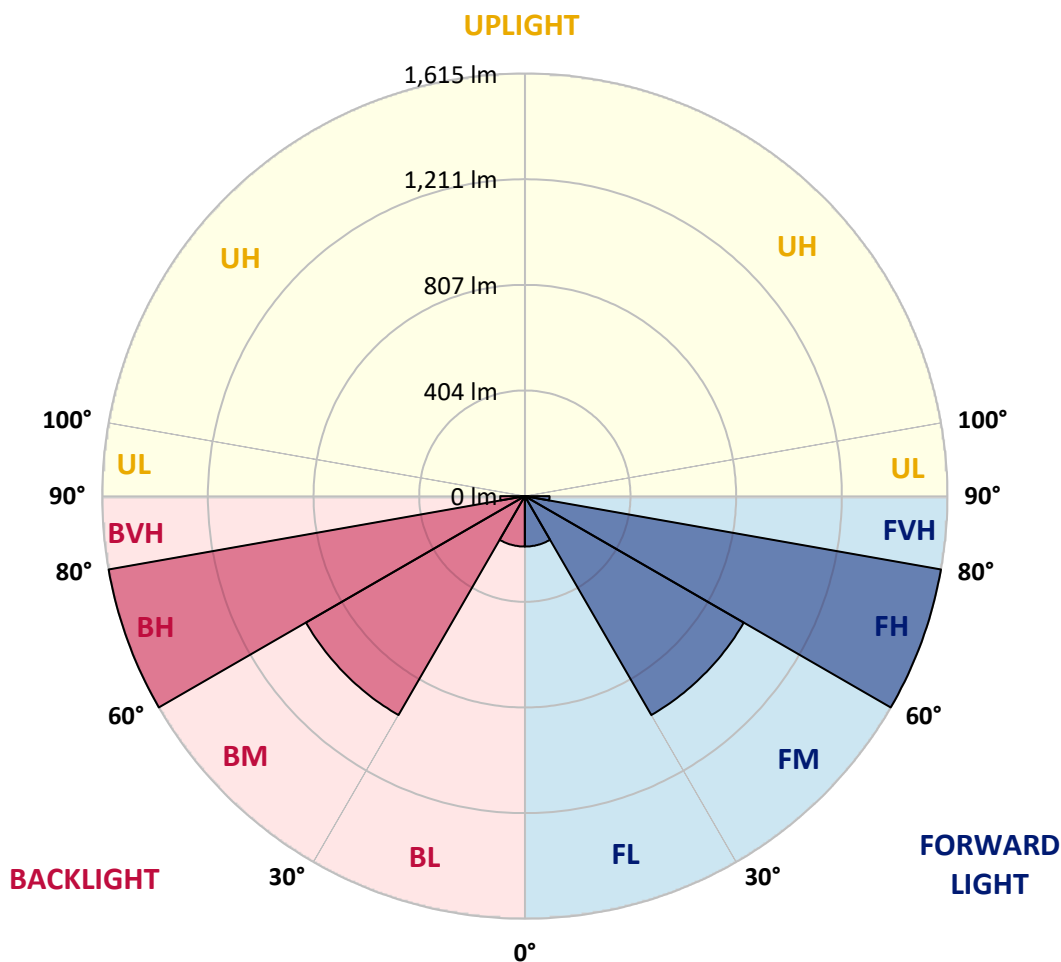
CATALOG NUMBER: CCP-SA-2A-740-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	192.7	3.4			
FM	(30°-60°)	965.8	16.8			
FH	(60°-80°)	1614.7	28.2			G1/1800
FVH	(80°-90°)	94.2	1.6			G1/100
BL	(0°-30°)	192.7	3.4	B1/500		
BM	(30°-60°)	965.8	16.8	B1/1000		
BH	(60°-80°)	1614.7	28.2	B3/2500		G1/1800
BVH	(80°-90°)	94.2	1.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short



REPORT NUMBER: P672404

CATALOG NUMBER: CCP-SA-2A-740-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	446.6	446.6	446.6	446.6	446.6	446.6	446.6	446.6	446.6	446.6	446.6
2.5°	443.8	443.8	445.0	445.4	445.0	444.6	444.2	443.8	445.0	444.6	445.0
5°	442.6	442.6	443.0	443.4	442.6	442.2	441.4	441.0	441.8	441.8	442.6
7.5°	439.4	439.0	439.4	439.8	438.6	438.2	437.0	437.0	437.0	436.6	437.4
10°	436.6	435.8	435.8	435.0	433.0	433.4	431.8	433.0	435.0	435.4	435.8
12.5°	437.8	437.0	436.2	434.2	431.4	431.8	431.4	432.6	435.4	437.0	438.2
15°	443.4	442.6	440.6	437.0	435.4	435.4	434.6	435.0	439.0	441.4	442.6
17.5°	449.4	447.8	444.2	441.8	440.2	441.4	438.6	438.2	441.4	445.0	446.2
20°	454.2	453.0	448.6	445.8	445.8	447.0	444.2	442.6	446.2	450.6	451.8
22.5°	462.6	461.8	457.4	454.6	454.6	455.0	453.4	452.2	456.2	460.6	461.8
25°	474.6	474.6	470.2	469.0	468.6	469.4	467.4	466.2	469.8	473.0	474.2
27.5°	488.6	487.4	483.8	483.0	484.6	487.4	483.8	480.6	483.4	486.2	486.6
30°	503.4	503.4	500.2	500.2	501.4	502.6	499.4	496.2	499.0	502.2	502.6
32.5°	524.2	523.0	521.8	522.2	521.8	520.2	518.6	518.2	520.6	522.6	523.4
35°	549.8	549.4	547.8	548.6	548.6	548.6	543.8	542.2	546.2	547.8	547.0
37.5°	589.4	589.0	585.0	582.6	579.8	578.6	572.6	572.2	581.8	586.6	585.8
40°	637.9	636.3	632.7	628.7	625.1	622.7	616.6	621.1	631.1	634.7	634.7
42.5°	690.7	688.7	684.7	682.7	680.3	677.9	669.9	671.9	683.9	687.5	683.5
45°	755.5	752.7	748.3	743.9	740.3	735.5	731.5	733.5	746.3	750.7	747.5
47.5°	824.3	823.5	819.9	816.3	813.1	809.9	804.7	808.3	819.5	818.7	812.3
50°	897.2	898.8	899.2	902.8	900.4	900.8	891.2	889.2	898.0	892.8	884.8
52.5°	975.6	978.0	986.4	993.6	1006.8	1008.4	996.4	983.6	982.0	968.4	960.0
55°	1066.4	1066.0	1084.4	1104.4	1133.7	1142.9	1116.1	1092.0	1078.8	1052.4	1043.6
57.5°	1169.3	1168.1	1196.1	1231.3	1284.1	1306.9	1257.7	1212.1	1180.1	1148.5	1139.3
60°	1280.9	1283.7	1317.7	1375.0	1466.2	1497.8	1423.4	1347.7	1298.9	1257.7	1254.1
62.5°	1411.4	1411.8	1451.8	1529.4	1647.9	1698.7	1596.2	1493.8	1431.8	1386.6	1377.0
65°	1565.4	1568.2	1611.1	1689.5	1825.5	1888.4	1770.3	1645.5	1572.2	1511.0	1509.8
67.5°	1723.5	1721.9	1761.1	1844.3	1975.6	2033.6	1910.0	1770.7	1675.5	1599.0	1589.0
70°	1824.7	1833.5	1876.0	1955.6	2081.2	2137.7	1987.2	1819.1	1719.5	1649.5	1644.7
72.5°	1739.5	1755.9	1810.7	1942.8	2120.9	2187.7	1968.8	1769.1	1643.5	1573.0	1573.0
75°	1412.2	1439.4	1515.8	1719.1	1984.0	2099.6	1822.7	1548.2	1365.4	1290.1	1290.1
77.5°	860.3	886.4	989.6	1237.7	1602.2	1750.3	1485.8	1166.1	954.4	862.3	850.3
80°	286.1	302.9	404.2	629.1	983.6	1164.9	995.6	662.3	427.4	325.7	324.1
82.5°	76.0	82.8	115.2	182.5	427.0	631.1	455.4	218.5	125.3	97.2	89.6
85°	26.4	28.4	48.8	60.8	108.4	208.9	126.9	79.2	60.8	36.8	34.4
87.5°	7.6	8.4	19.6	21.2	31.2	24.4	34.4	31.6	28.8	12.0	10.8
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)