

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: P672371

Luminaire Tested: **CCP-SA-2A-727-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672371
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-727-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5WQ
distribution lens
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4796.1 lumens
Efficiency: N/A
Efficacy: 132.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

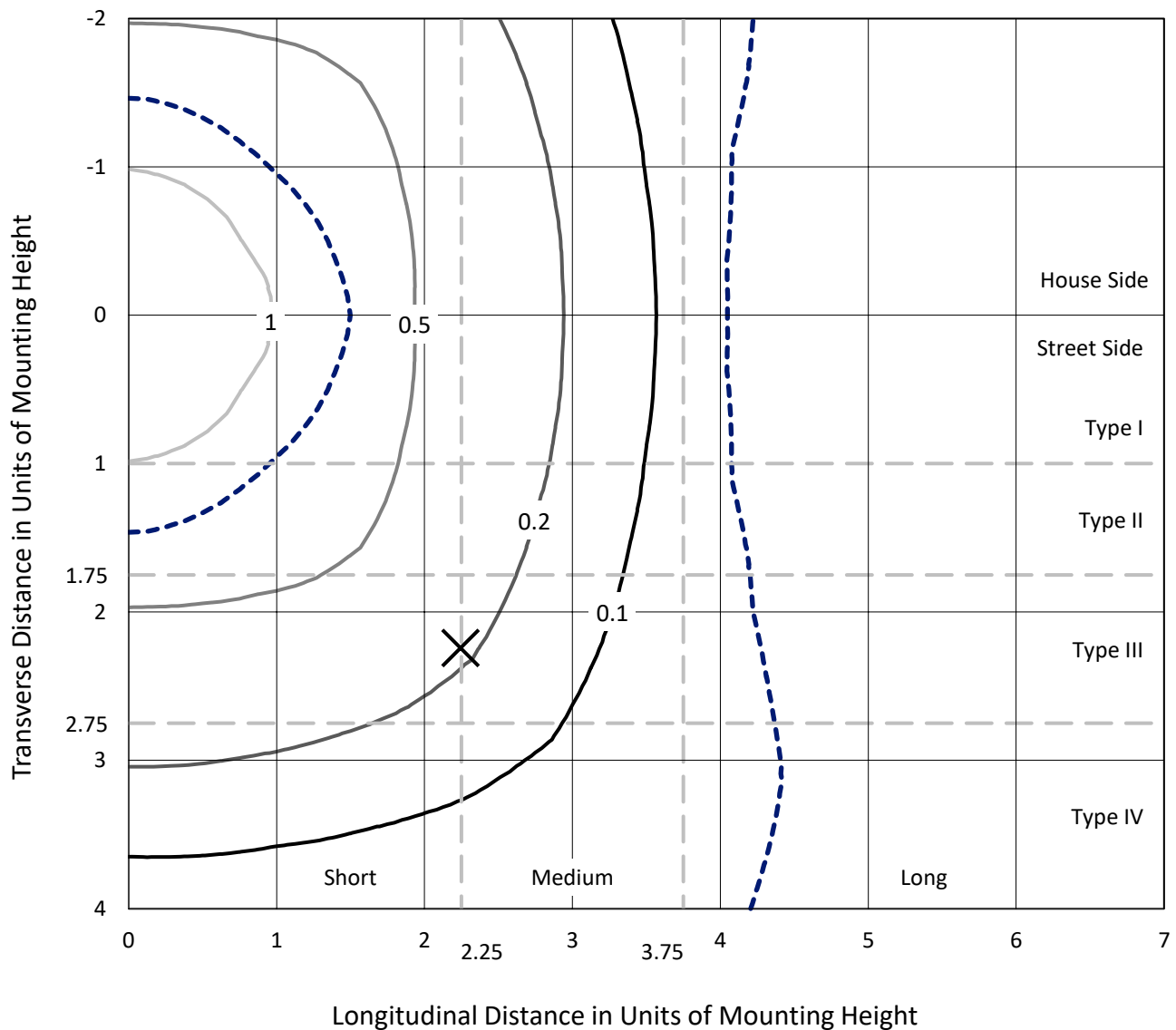
Input Watts (W): 36.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672371

CATALOG NUMBER: CCP-SA-2A-727-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination

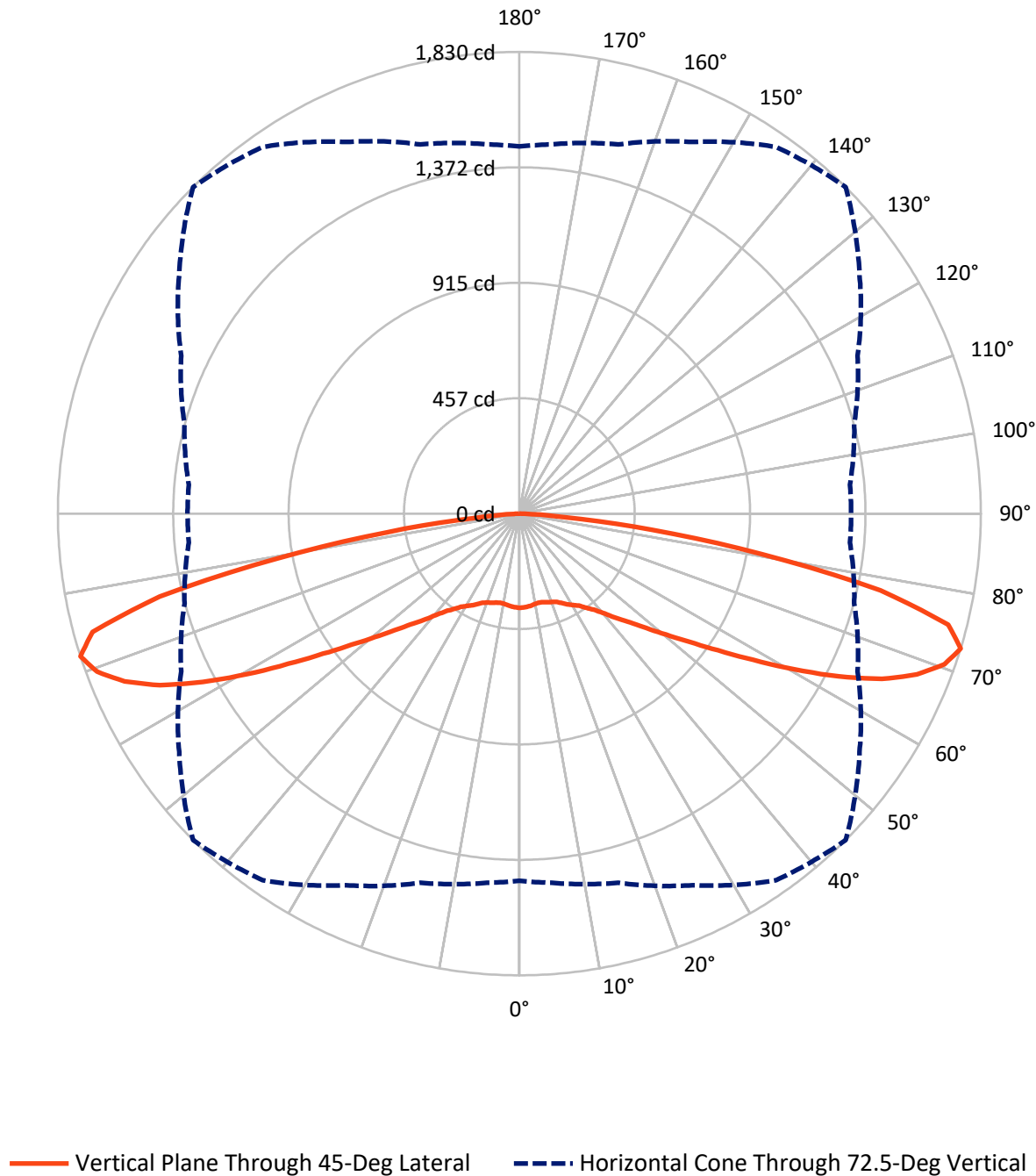
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.7 fc
 Type V - Short - N/A

REPORT NUMBER: P672371
CATALOG NUMBER: CCP-SA-2A-727-U-5WQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672371

CATALOG NUMBER: CCP-SA-2A-727-U-5WQ

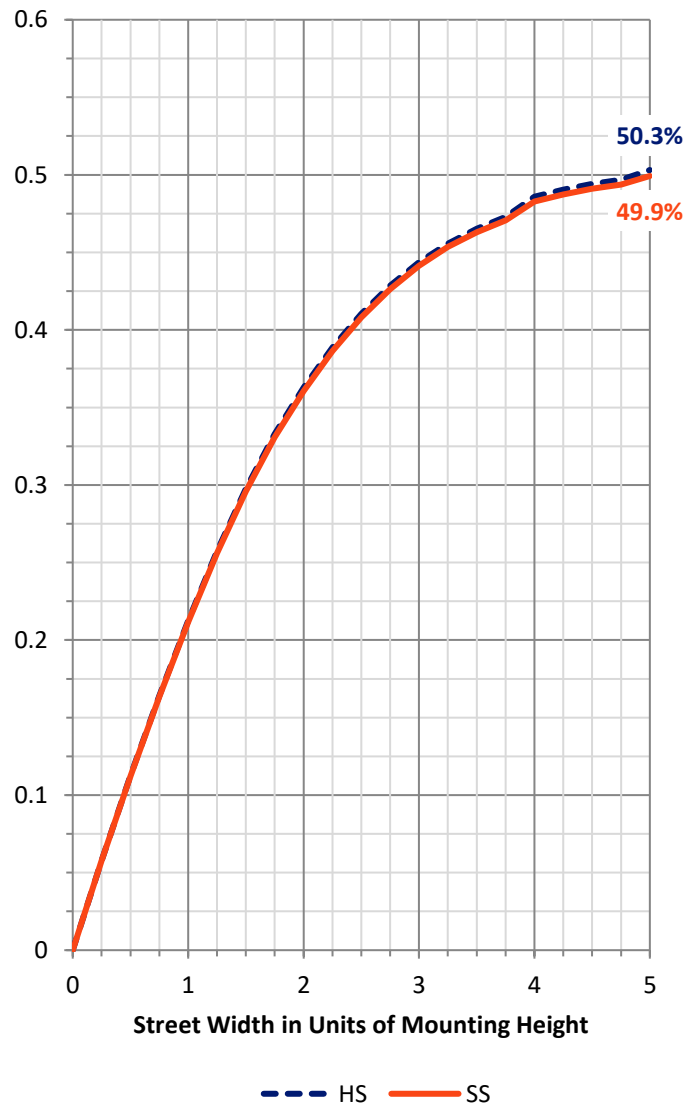
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2398.0	0.0	2398.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2398.0	0.0	2398.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4796.1	0.0	4796.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.1	0.7
10°-20°	104.2	2.2
20°-30°	183.0	3.8
30°-40°	291.9	6.1
40°-50°	488.2	10.2
50°-60°	835.3	17.4
60°-70°	1379.0	28.8
70°-80°	1321.7	27.6
80°-90°	157.6	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°	4796.1	100.0
0°-180°	4796.1	100.0

Coefficient of Utilization



REPORT NUMBER: P672371

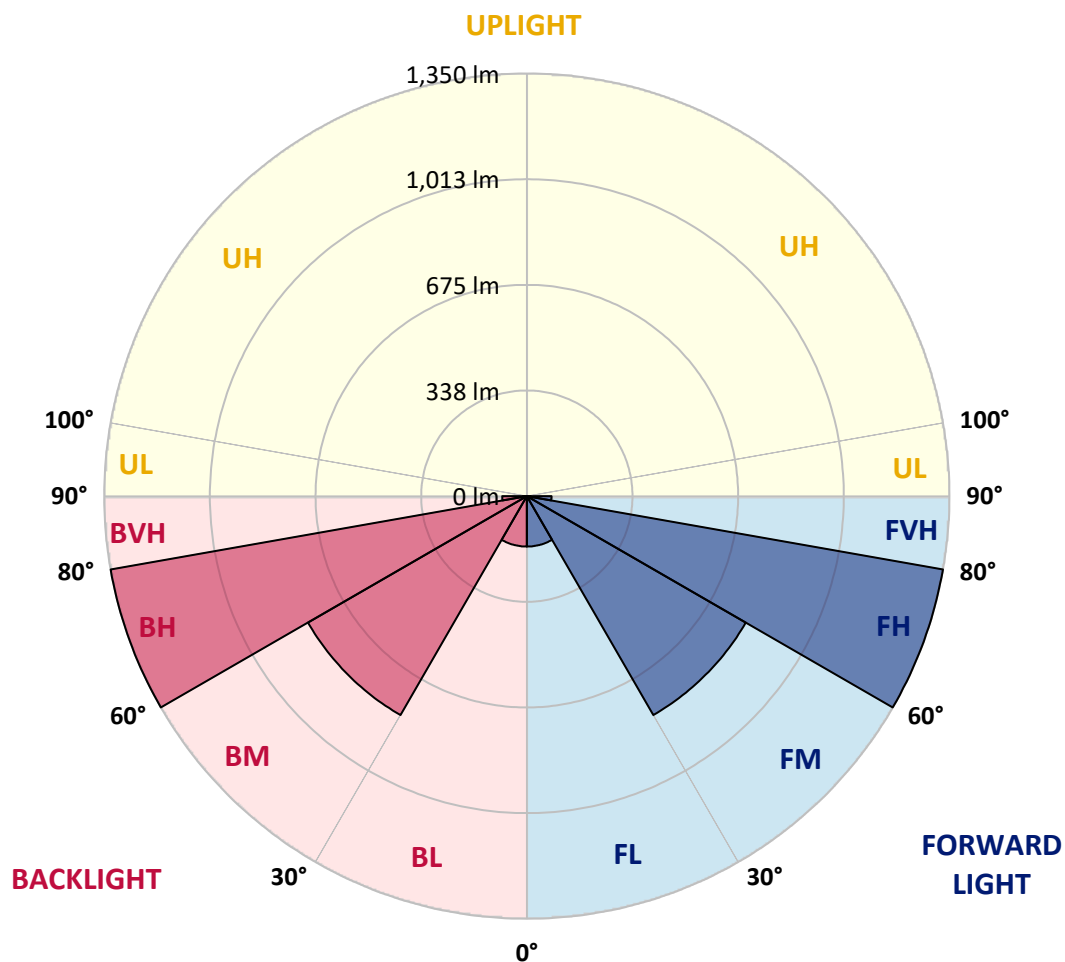
CATALOG NUMBER: CCP-SA-2A-727-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	161.1	3.4			
FM	(30°-60°)	807.7	16.8			
FH	(60°-80°)	1350.4	28.2			G1/1800
FVH	(80°-90°)	78.8	1.6			G1/100
BL	(0°-30°)	161.1	3.4	B1/500		
BM	(30°-60°)	807.7	16.8	B1/1000		
BH	(60°-80°)	1350.4	28.2	B3/2500		G1/1800
BVH	(80°-90°)	78.8	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: P672371

CATALOG NUMBER: CCP-SA-2A-727-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	373.5	373.5	373.5	373.5	373.5	373.5	373.5	373.5	373.5	373.5	373.5
2.5°	371.1	371.1	372.1	372.5	372.1	371.8	371.5	371.1	372.1	371.8	372.1
5°	370.1	370.1	370.5	370.8	370.1	369.8	369.1	368.8	369.5	369.5	370.1
7.5°	367.5	367.1	367.5	367.8	366.8	366.4	365.4	365.4	365.4	365.1	365.8
10°	365.1	364.4	364.4	363.8	362.1	362.4	361.1	362.1	363.8	364.1	364.4
12.5°	366.1	365.4	364.8	363.1	360.8	361.1	360.8	361.8	364.1	365.4	366.4
15°	370.8	370.1	368.5	365.4	364.1	364.1	363.4	363.8	367.1	369.1	370.1
17.5°	375.8	374.5	371.5	369.5	368.1	369.1	366.8	366.4	369.1	372.1	373.1
20°	379.8	378.8	375.1	372.8	372.8	373.8	371.5	370.1	373.1	376.8	377.8
22.5°	386.9	386.2	382.5	380.2	380.2	380.5	379.2	378.2	381.5	385.2	386.2
25°	396.9	396.9	393.2	392.2	391.9	392.6	390.9	389.9	392.9	395.6	396.6
27.5°	408.6	407.6	404.6	403.9	405.3	407.6	404.6	401.9	404.3	406.6	406.9
30°	421.0	421.0	418.3	418.3	419.3	420.3	417.6	415.0	417.3	420.0	420.3
32.5°	438.4	437.4	436.4	436.7	436.4	435.1	433.7	433.4	435.4	437.1	437.7
35°	459.8	459.5	458.1	458.8	458.8	458.8	454.8	453.5	456.8	458.1	457.5
37.5°	492.9	492.6	489.3	487.3	484.9	483.9	478.9	478.6	486.6	490.6	489.9
40°	533.4	532.1	529.1	525.7	522.7	520.7	515.7	519.4	527.8	530.8	530.8
42.5°	577.6	575.9	572.6	570.9	568.9	566.9	560.2	561.9	571.9	574.9	571.6
45°	631.8	629.5	625.8	622.1	619.1	615.1	611.8	613.4	624.1	627.8	625.1
47.5°	689.4	688.7	685.7	682.7	680.0	677.3	673.0	676.0	685.4	684.7	679.4
50°	750.3	751.6	752.0	755.0	753.0	753.3	745.3	743.6	751.0	746.6	739.9
52.5°	815.9	817.9	824.9	830.9	842.0	843.3	833.3	822.6	821.2	809.9	802.8
55°	891.9	891.5	906.9	923.6	948.1	955.8	933.4	913.3	902.2	880.1	872.8
57.5°	977.9	976.9	1000.3	1029.7	1073.9	1093.0	1051.8	1013.7	986.9	960.5	952.8
60°	1071.2	1073.6	1102.0	1149.9	1226.2	1252.6	1190.4	1127.1	1086.3	1051.8	1048.8
62.5°	1180.3	1180.7	1214.1	1279.1	1378.1	1420.6	1334.9	1249.3	1197.4	1159.6	1151.5
65°	1309.2	1311.5	1347.3	1412.9	1526.7	1579.2	1480.5	1376.1	1314.9	1263.7	1262.7
67.5°	1441.4	1440.0	1472.8	1542.4	1652.2	1700.7	1597.3	1480.9	1401.2	1337.3	1328.9
70°	1526.0	1533.4	1568.9	1635.5	1740.5	1787.7	1661.9	1521.3	1438.0	1379.4	1375.4
72.5°	1454.7	1468.5	1514.3	1624.8	1773.7	1829.6	1646.5	1479.5	1374.4	1315.5	1315.5
75°	1181.0	1203.8	1267.7	1437.7	1659.2	1755.9	1524.4	1294.8	1141.8	1078.9	1078.9
77.5°	719.5	741.3	827.6	1035.1	1340.0	1463.8	1242.6	975.2	798.2	721.2	711.1
80°	239.3	253.3	338.0	526.1	822.6	974.2	832.6	553.9	357.4	272.4	271.1
82.5°	63.6	69.3	96.4	152.6	357.1	527.8	380.8	182.7	104.7	81.3	75.0
85°	22.1	23.8	40.8	50.9	90.7	174.7	106.1	66.3	50.9	30.8	28.8
87.5°	6.4	7.0	16.4	17.7	26.1	20.4	28.8	26.4	24.1	10.0	9.0
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)