

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: P672388

Luminaire Tested: **CCP-SA-1B-735-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672388
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1B-735-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5WQ
distribution lens
Light Source: (16) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3570.1 lumens
Efficiency: N/A
Efficacy: 148.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

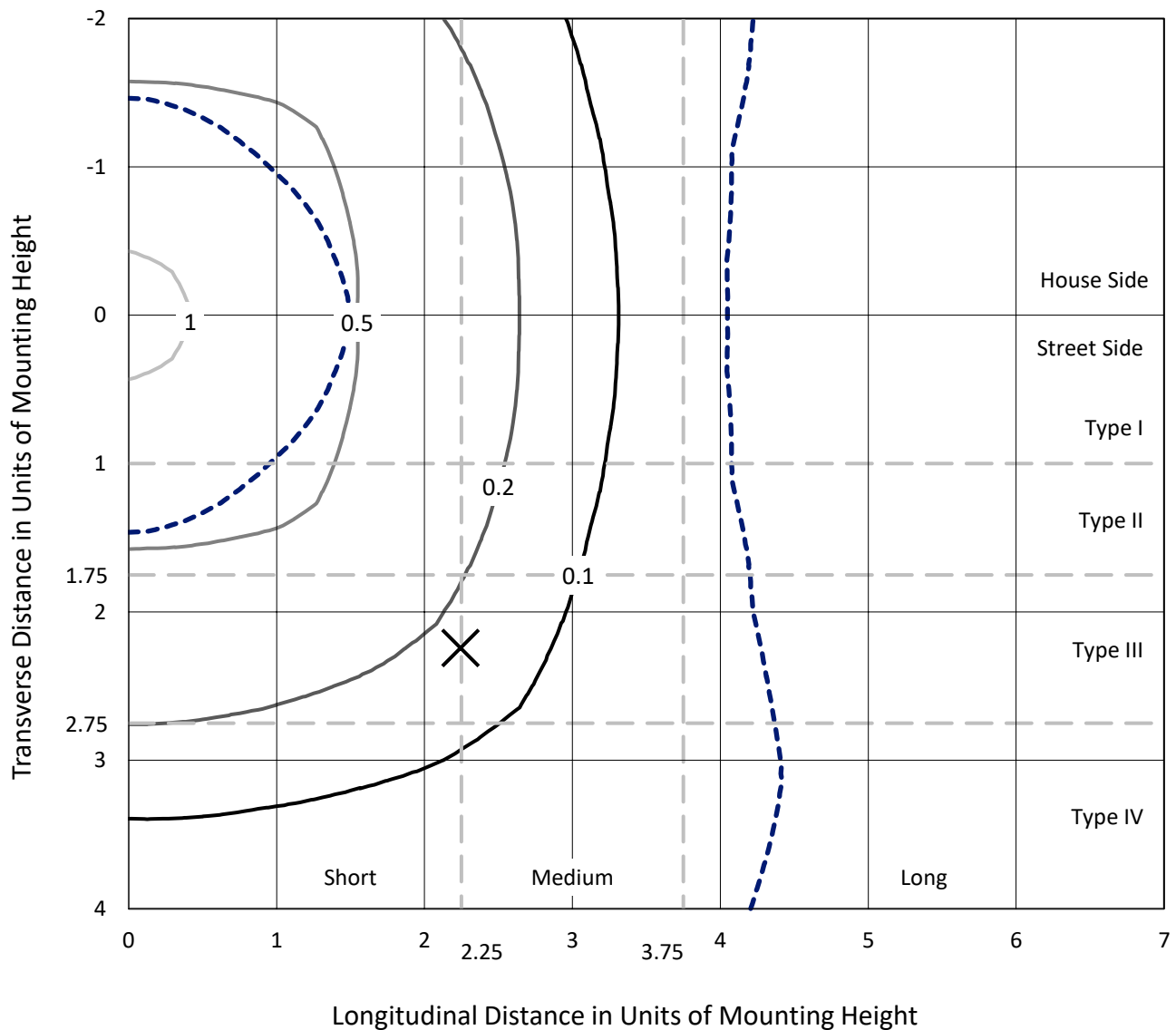
Input Watts (W): 24
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672388

CATALOG NUMBER: CCP-SA-1B-735-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination

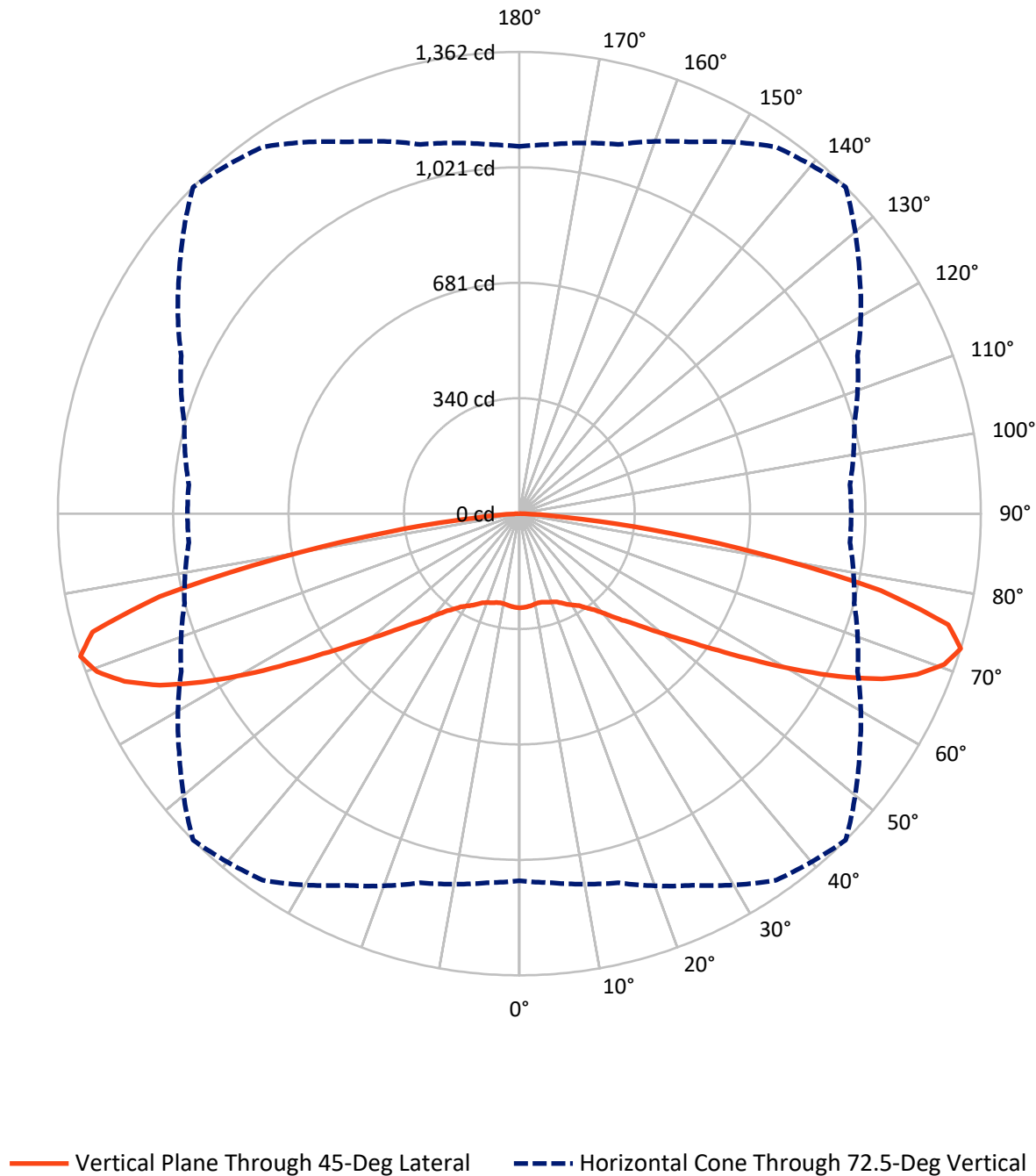
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.2 fc
 Type V - Short - N/A

REPORT NUMBER: P672388
CATALOG NUMBER: CCP-SA-1B-735-U-5WQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672388

CATALOG NUMBER: CCP-SA-1B-735-U-5WQ

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1785.1	0.0	1785.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1785.1	0.0	1785.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	3570.1	0.0	3570.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.1	0.7
10°-20°	77.5	2.2
20°-30°	136.2	3.8
30°-40°	217.3	6.1
40°-50°	363.4	10.2
50°-60°	621.8	17.4
60°-70°	1026.5	28.8
70°-80°	983.9	27.6
80°-90°	117.3	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°	3570.1	100.0
0°-180°	3570.1	100.0



REPORT NUMBER: P672388

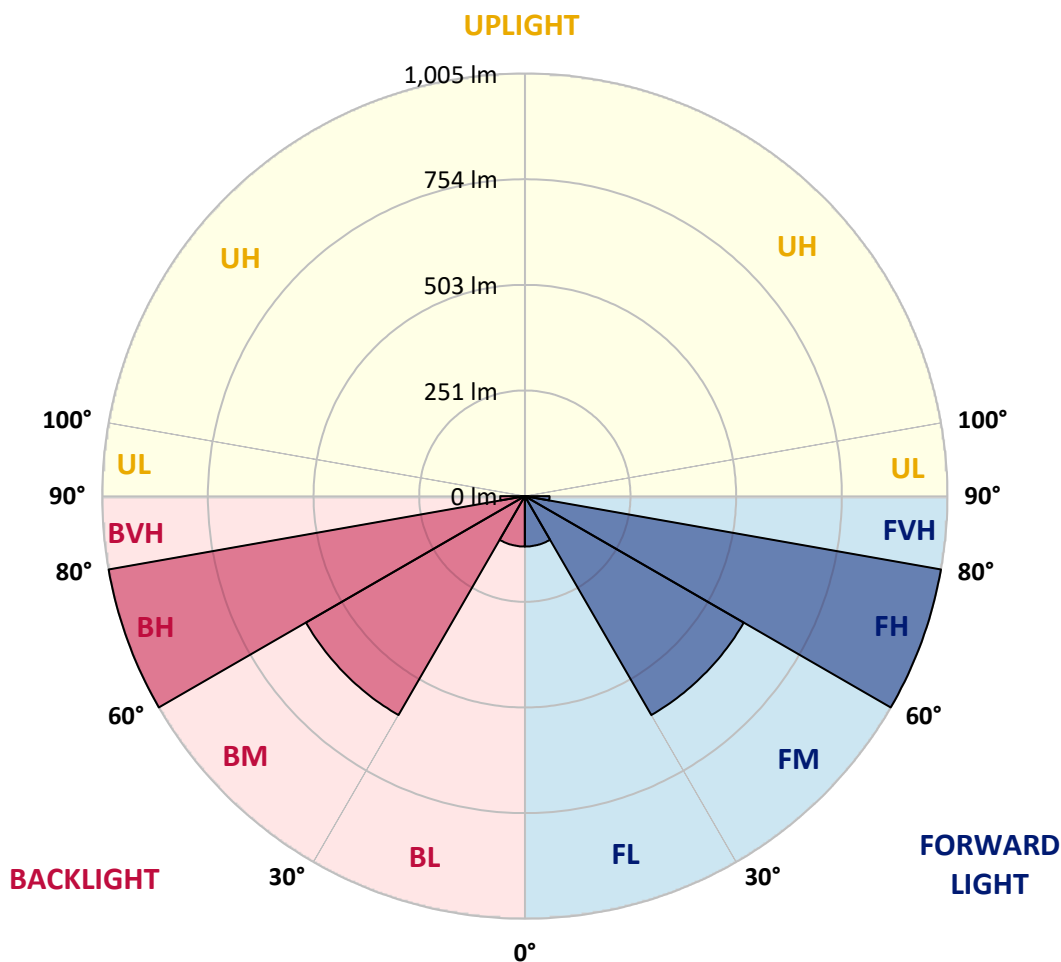
CATALOG NUMBER: CCP-SA-1B-735-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	119.9	3.4			
FM	(30°-60°)	601.3	16.8			
FH	(60°-80°)	1005.2	28.2			G1/1800
FVH	(80°-90°)	58.7	1.6			G1/100
BL	(0°-30°)	119.9	3.4	B1/500		
BM	(30°-60°)	601.3	16.8	B1/1000		
BH	(60°-80°)	1005.2	28.2	B3/2500		G1/1800
BVH	(80°-90°)	58.7	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: P672388

CATALOG NUMBER: CCP-SA-1B-735-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0
2.5°	276.3	276.3	277.0	277.3	277.0	276.8	276.5	276.3	277.0	276.8	277.0
5°	275.5	275.5	275.8	276.0	275.5	275.3	274.8	274.5	275.0	275.0	275.5
7.5°	273.5	273.3	273.5	273.8	273.0	272.8	272.0	272.0	272.0	271.8	272.3
10°	271.8	271.3	271.3	270.8	269.5	269.8	268.8	269.5	270.8	271.0	271.3
12.5°	272.5	272.0	271.5	270.3	268.5	268.8	268.5	269.3	271.0	272.0	272.8
15°	276.0	275.5	274.3	272.0	271.0	271.0	270.5	270.8	273.3	274.8	275.5
17.5°	279.8	278.8	276.5	275.0	274.0	274.8	273.0	272.8	274.8	277.0	277.8
20°	282.7	282.0	279.3	277.5	277.5	278.3	276.5	275.5	277.8	280.5	281.3
22.5°	288.0	287.5	284.7	283.0	283.0	283.2	282.2	281.5	284.0	286.7	287.5
25°	295.5	295.5	292.7	292.0	291.7	292.2	291.0	290.2	292.5	294.5	295.2
27.5°	304.2	303.4	301.2	300.7	301.7	303.4	301.2	299.2	300.9	302.7	302.9
30°	313.4	313.4	311.4	311.4	312.1	312.9	310.9	308.9	310.6	312.6	312.9
32.5°	326.3	325.6	324.8	325.1	324.8	323.8	322.9	322.6	324.1	325.3	325.8
35°	342.3	342.0	341.0	341.5	341.5	341.5	338.5	337.6	340.0	341.0	340.5
37.5°	366.9	366.7	364.2	362.7	361.0	360.2	356.5	356.2	362.2	365.2	364.7
40°	397.1	396.1	393.9	391.4	389.1	387.6	383.9	386.6	392.9	395.1	395.1
42.5°	430.0	428.7	426.2	425.0	423.5	422.0	417.0	418.3	425.7	428.0	425.5
45°	470.3	468.6	465.8	463.1	460.9	457.9	455.4	456.6	464.6	467.3	465.3
47.5°	513.2	512.7	510.4	508.2	506.2	504.2	501.0	503.2	510.2	509.7	505.7
50°	558.5	559.5	559.8	562.0	560.5	560.8	554.8	553.5	559.0	555.8	550.8
52.5°	607.3	608.8	614.1	618.6	626.8	627.8	620.3	612.3	611.3	602.9	597.6
55°	663.9	663.6	675.1	687.6	705.7	711.5	694.8	679.8	671.6	655.2	649.7
57.5°	727.9	727.2	744.6	766.5	799.4	813.6	783.0	754.6	734.6	715.0	709.2
60°	797.4	799.2	820.3	856.0	912.8	932.4	886.1	839.0	808.6	783.0	780.7
62.5°	878.6	878.9	903.8	952.1	1025.9	1057.5	993.7	929.9	891.3	863.2	857.2
65°	974.5	976.3	1002.9	1051.8	1136.5	1175.6	1102.1	1024.4	978.8	940.7	939.9
67.5°	1072.9	1071.9	1096.4	1148.2	1229.9	1266.0	1189.0	1102.3	1043.0	995.5	989.2
70°	1136.0	1141.4	1167.9	1217.4	1295.6	1330.8	1237.1	1132.5	1070.4	1026.9	1023.9
72.5°	1082.9	1093.1	1127.2	1209.5	1320.3	1361.9	1225.6	1101.3	1023.1	979.3	979.3
75°	879.1	896.1	943.6	1070.2	1235.1	1307.1	1134.7	963.8	850.0	803.1	803.1
77.5°	535.6	551.8	616.1	770.5	997.5	1089.6	925.0	725.9	594.1	536.8	529.4
80°	178.1	188.6	251.6	391.6	612.3	725.2	619.8	412.3	266.1	202.8	201.8
82.5°	47.3	51.6	71.7	113.6	265.8	392.9	283.5	136.0	78.0	60.5	55.8
85°	16.4	17.7	30.4	37.9	67.5	130.0	79.0	49.3	37.9	22.9	21.4
87.5°	4.7	5.2	12.2	13.2	19.4	15.2	21.4	19.7	17.9	7.5	6.7
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)