

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: P672389

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672389
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-735-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5WQ
distribution lens
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

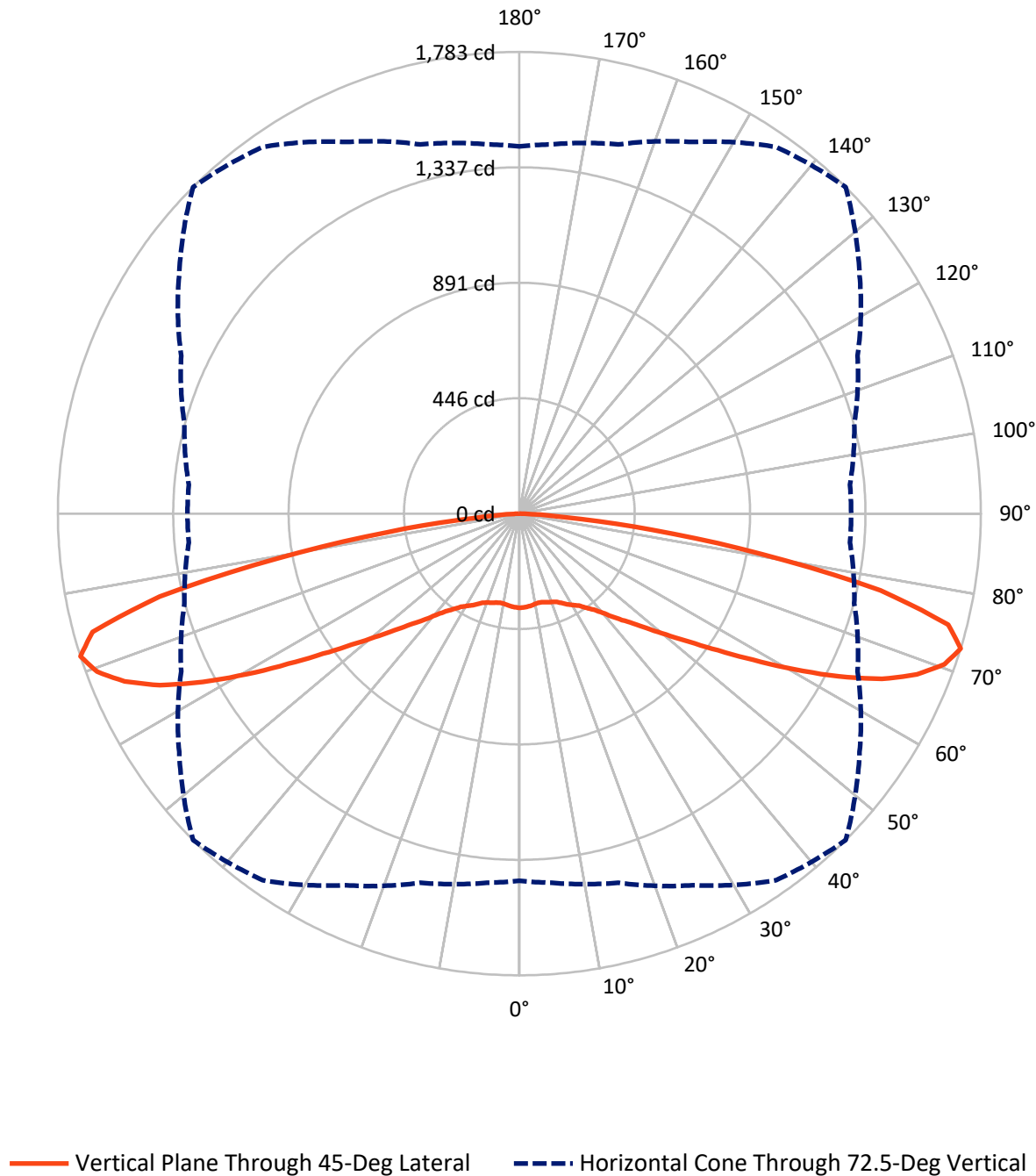
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4673.8 lumens
Efficiency: N/A
Efficacy: 146.1 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): 32
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: P672389
CATALOG NUMBER: CCP-SA-1C-735-U-5WQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672389

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

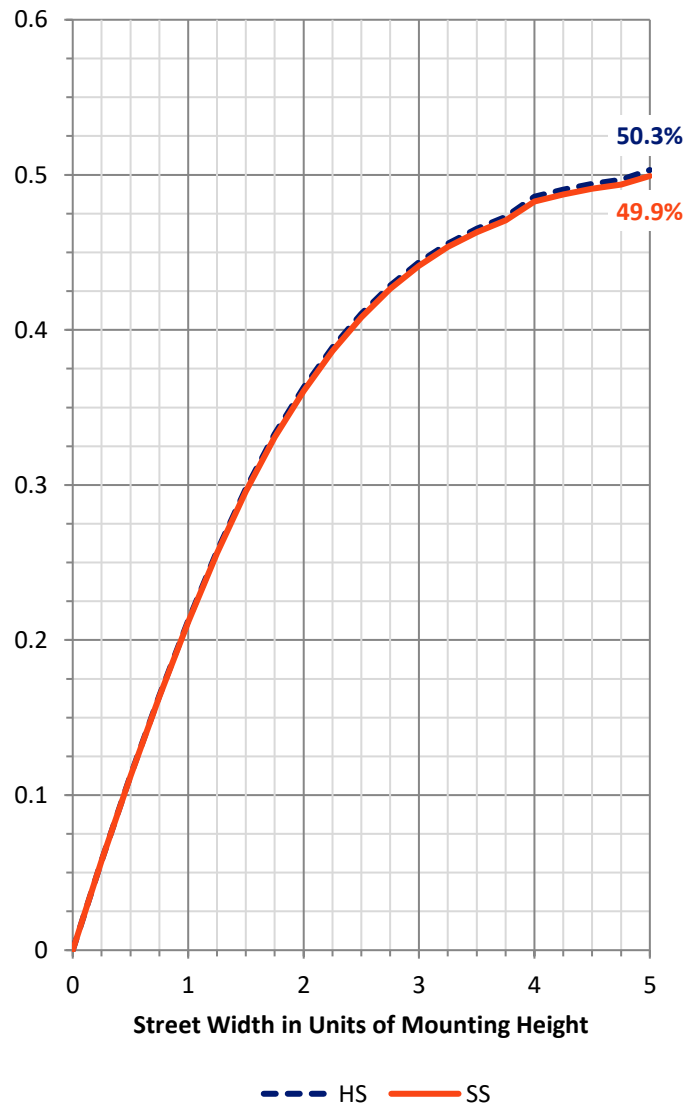
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2336.9	0.0	2336.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2336.9	0.0	2336.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	4673.8	0.0	4673.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.2	0.7
10°-20°	101.5	2.2
20°-30°	178.3	3.8
30°-40°	284.5	6.1
40°-50°	475.7	10.2
50°-60°	814.0	17.4
60°-70°	1343.9	28.8
70°-80°	1288.0	27.6
80°-90°	153.6	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°	4673.8	100.0
0°-180°	4673.8	100.0



REPORT NUMBER: P672389

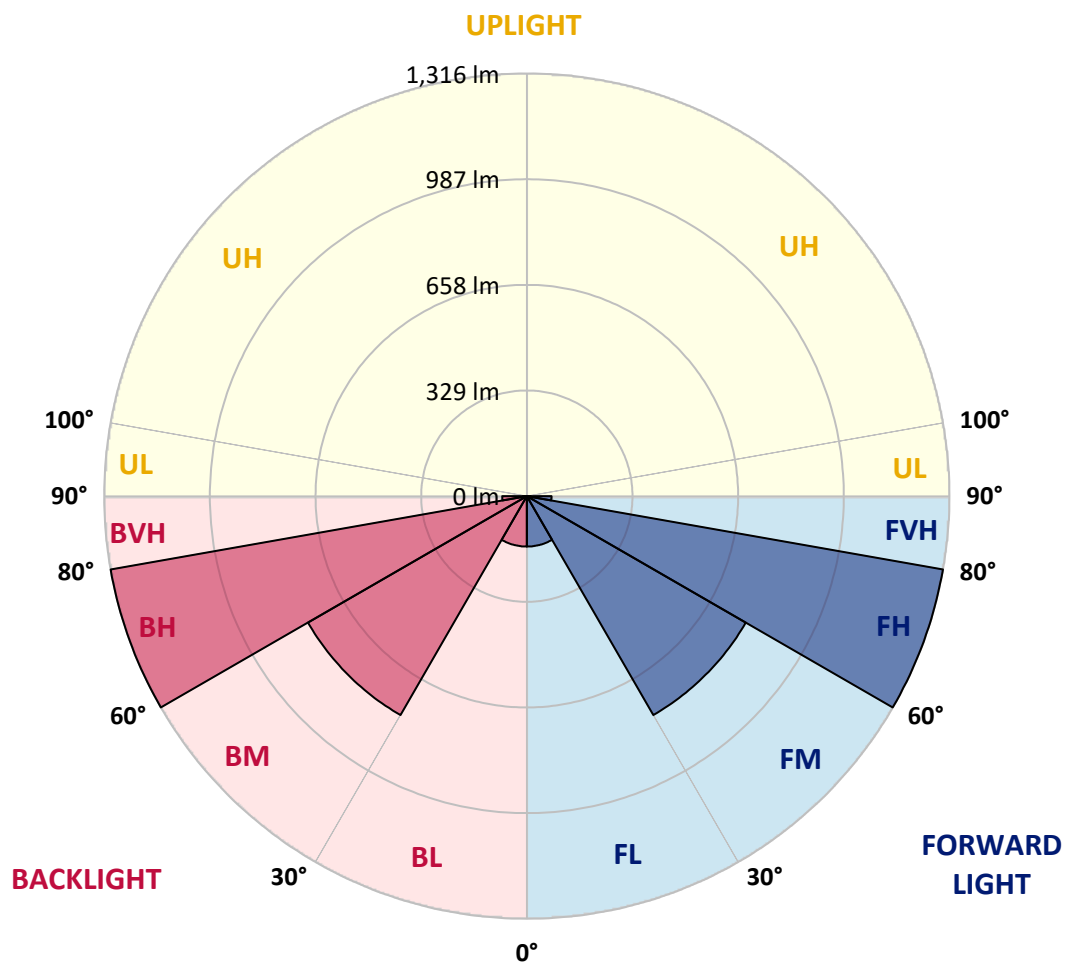
CATALOG NUMBER: CCP-SA-1C-735-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	157.0	3.4			
FM	(30°-60°)	787.1	16.8			
FH	(60°-80°)	1316.0	28.2			G1/1800
FVH	(80°-90°)	76.8	1.6			G1/100
BL	(0°-30°)	157.0	3.4	B1/500		
BM	(30°-60°)	787.1	16.8	B1/1000		
BH	(60°-80°)	1316.0	28.2	B3/2500		G1/1800
BVH	(80°-90°)	76.8	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: P672389

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

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	364.0	364.0	364.0	364.0	364.0	364.0	364.0	364.0	364.0	364.0	364.0
2.5°	361.7	361.7	362.7	363.0	362.7	362.3	362.0	361.7	362.7	362.3	362.7
5°	360.7	360.7	361.0	361.3	360.7	360.4	359.7	359.4	360.0	360.0	360.7
7.5°	358.1	357.8	358.1	358.4	357.4	357.1	356.1	356.1	356.1	355.8	356.5
10°	355.8	355.2	355.2	354.5	352.9	353.2	351.9	352.9	354.5	354.8	355.2
12.5°	356.8	356.1	355.5	353.8	351.6	351.9	351.6	352.5	354.8	356.1	357.1
15°	361.3	360.7	359.1	356.1	354.8	354.8	354.2	354.5	357.8	359.7	360.7
17.5°	366.2	364.9	362.0	360.0	358.7	359.7	357.4	357.1	359.7	362.7	363.6
20°	370.2	369.2	365.6	363.3	363.3	364.3	362.0	360.7	363.6	367.2	368.2
22.5°	377.0	376.4	372.8	370.5	370.5	370.8	369.5	368.5	371.8	375.4	376.4
25°	386.8	386.8	383.2	382.2	381.9	382.5	380.9	379.9	382.9	385.5	386.5
27.5°	398.2	397.2	394.3	393.6	394.9	397.2	394.3	391.7	394.0	396.2	396.6
30°	410.3	410.3	407.7	407.7	408.6	409.6	407.0	404.4	406.7	409.3	409.6
32.5°	427.2	426.2	425.3	425.6	425.3	424.0	422.7	422.3	424.3	425.9	426.6
35°	448.1	447.8	446.5	447.1	447.1	447.1	443.2	441.9	445.2	446.5	445.8
37.5°	480.4	480.1	476.8	474.8	472.6	471.6	466.7	466.4	474.2	478.1	477.5
40°	519.8	518.5	515.6	512.3	509.4	507.5	502.6	506.2	514.3	517.2	517.2
42.5°	562.9	561.3	558.0	556.4	554.4	552.5	545.9	547.6	557.4	560.3	557.0
45°	615.7	613.4	609.9	606.3	603.3	599.4	596.2	597.8	608.2	611.8	609.2
47.5°	671.8	671.2	668.2	665.3	662.7	660.1	655.8	658.8	667.9	667.3	662.0
50°	731.2	732.5	732.8	735.7	733.8	734.1	726.3	724.7	731.8	727.6	721.1
52.5°	795.1	797.1	803.9	809.8	820.5	821.8	812.1	801.6	800.3	789.2	782.4
55°	869.1	868.8	883.8	900.1	923.9	931.4	909.6	890.0	879.2	857.7	850.5
57.5°	952.9	952.0	974.8	1003.5	1046.5	1065.1	1025.0	987.8	961.8	936.0	928.5
60°	1043.9	1046.2	1073.9	1120.6	1194.9	1220.7	1160.0	1098.4	1058.6	1025.0	1022.1
62.5°	1150.3	1150.6	1183.2	1246.5	1343.0	1384.4	1300.9	1217.4	1166.9	1130.0	1122.2
65°	1275.8	1278.1	1313.0	1376.9	1487.8	1539.0	1442.8	1341.0	1281.4	1231.5	1230.5
67.5°	1404.6	1403.3	1435.3	1503.1	1610.1	1657.4	1556.6	1443.1	1365.5	1303.2	1295.1
70°	1487.1	1494.3	1528.9	1593.8	1696.2	1742.2	1619.6	1482.6	1401.4	1344.3	1340.4
72.5°	1417.7	1431.0	1475.7	1583.4	1728.5	1782.9	1604.5	1441.8	1339.4	1282.0	1282.0
75°	1150.9	1173.1	1235.4	1401.0	1616.9	1711.2	1485.5	1261.8	1112.7	1051.4	1051.4
77.5°	701.2	722.4	806.5	1008.7	1305.8	1426.5	1210.9	950.3	777.8	702.8	693.0
80°	233.2	246.9	329.4	512.7	801.6	949.4	811.4	539.7	348.3	265.5	264.2
82.5°	62.0	67.5	93.9	148.7	348.0	514.3	371.1	178.1	102.1	79.2	73.1
85°	21.5	23.2	39.8	49.6	88.4	170.2	103.4	64.6	49.6	30.0	28.0
87.5°	6.2	6.8	16.0	17.3	25.4	19.9	28.0	25.8	23.5	9.8	8.8
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)