

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: P672393

Luminaire Tested: **CCP-SA-2A-735-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672393
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-735-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5WQ
distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

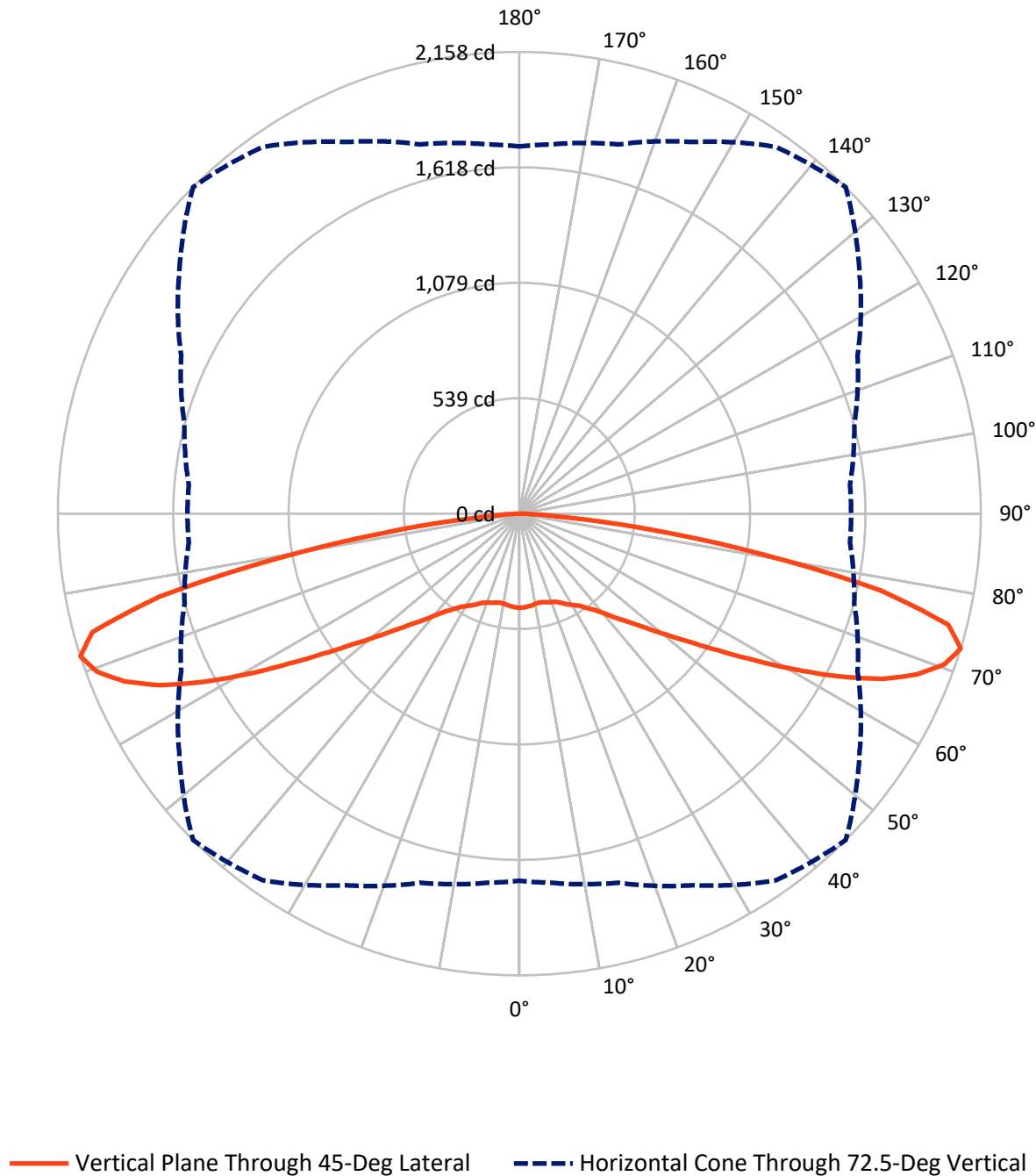
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5656.3 lumens
Efficiency: N/A
Efficacy: 156.3 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

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2828.1	0.0	2828.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2828.1	0.0	2828.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	5656.3	0.0	5656.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.4	0.7
10°-20°	122.9	2.2
20°-30°	215.8	3.8
30°-40°	344.3	6.1
40°-50°	575.7	10.2
50°-60°	985.2	17.4
60°-70°	1626.4	28.8
70°-80°	1558.8	27.6
80°-90°	185.9	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°	5656.3	100.0
0°-180°	5656.3	100.0

Coefficient of Utilization



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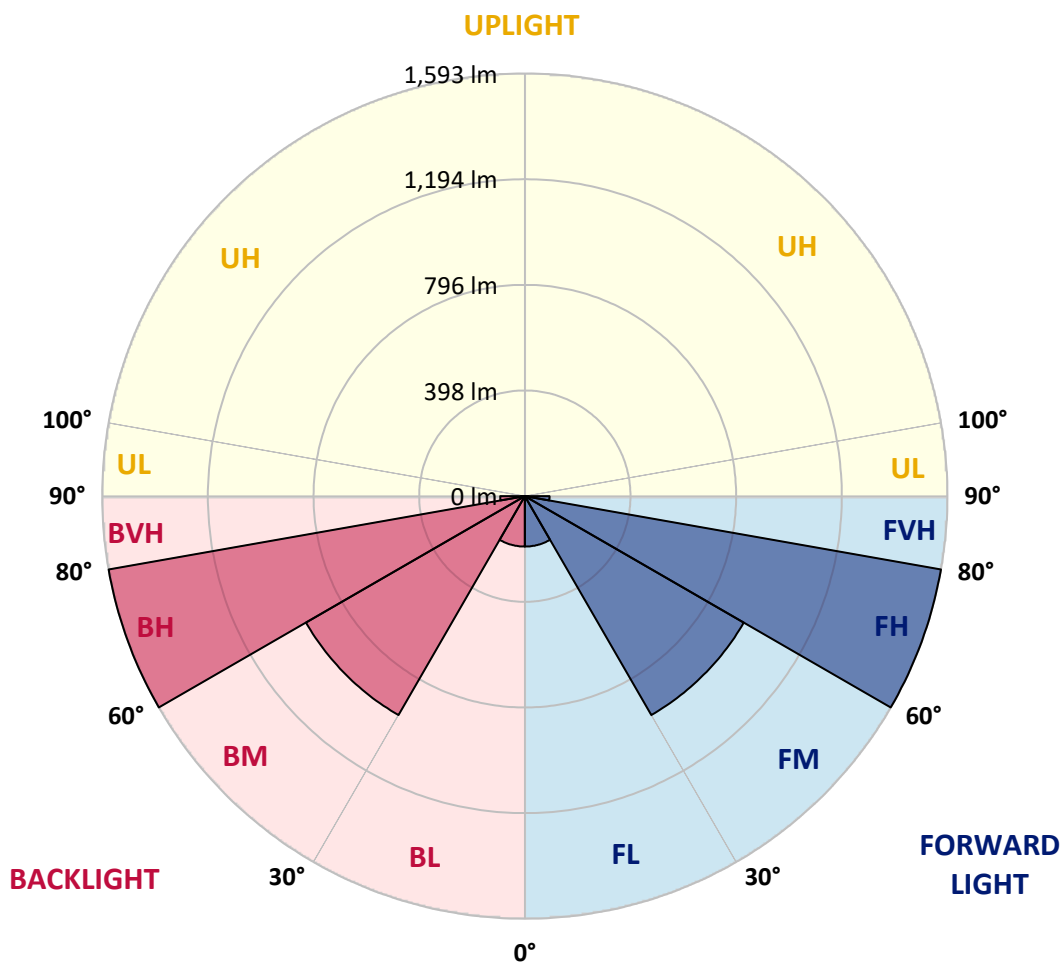
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	190.0	3.4			
FM	(30°-60°)	952.6	16.8			
FH	(60°-80°)	1592.6	28.2			G1/1800
FVH	(80°-90°)	92.9	1.6			G1/100
BL	(0°-30°)	190.0	3.4	B1/500		
BM	(30°-60°)	952.6	16.8	B1/1000		
BH	(60°-80°)	1592.6	28.2	B3/2500		G1/1800
BVH	(80°-90°)	92.9	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	440.5	440.5	440.5	440.5	440.5	440.5	440.5	440.5	440.5	440.5	440.5
2.5°	437.7	437.7	438.9	439.3	438.9	438.5	438.1	437.7	438.9	438.5	438.9
5°	436.5	436.5	436.9	437.3	436.5	436.1	435.3	434.9	435.7	435.7	436.5
7.5°	433.4	433.0	433.4	433.8	432.6	432.2	431.0	431.0	431.0	430.6	431.4
10°	430.6	429.8	429.8	429.0	427.0	427.4	425.9	427.0	429.0	429.4	429.8
12.5°	431.8	431.0	430.2	428.2	425.5	425.9	425.5	426.6	429.4	431.0	432.2
15°	437.3	436.5	434.5	431.0	429.4	429.4	428.6	429.0	433.0	435.3	436.5
17.5°	443.2	441.6	438.1	435.7	434.1	435.3	432.6	432.2	435.3	438.9	440.1
20°	448.0	446.8	442.4	439.7	439.7	440.9	438.1	436.5	440.1	444.4	445.6
22.5°	456.2	455.5	451.1	448.4	448.4	448.8	447.2	446.0	449.9	454.3	455.5
25°	468.1	468.1	463.7	462.6	462.2	463.0	461.0	459.8	463.4	466.5	467.7
27.5°	481.9	480.7	477.2	476.4	478.0	480.7	477.2	474.0	476.8	479.5	479.9
30°	496.5	496.5	493.3	493.3	494.5	495.7	492.6	489.4	492.2	495.3	495.7
32.5°	517.0	515.8	514.7	515.1	514.7	513.1	511.5	511.1	513.5	515.5	516.2
35°	542.3	541.9	540.3	541.1	541.1	541.1	536.4	534.8	538.7	540.3	539.5
37.5°	581.4	581.0	577.0	574.7	571.9	570.7	564.8	564.4	573.9	578.6	577.8
40°	629.1	627.5	624.0	620.0	616.5	614.1	608.2	612.5	622.4	626.0	626.0
42.5°	681.2	679.2	675.3	673.3	671.0	668.6	660.7	662.7	674.5	678.1	674.1
45°	745.2	742.4	738.1	733.7	730.2	725.4	721.5	723.4	736.1	740.4	737.3
47.5°	813.0	812.3	808.7	805.1	802.0	798.8	793.7	797.3	808.3	807.5	801.2
50°	884.9	886.5	886.8	890.4	888.0	888.4	879.0	877.0	885.7	880.5	872.6
52.5°	962.2	964.6	972.9	980.0	993.0	994.6	982.8	970.1	968.5	955.1	946.8
55°	1051.8	1051.4	1069.6	1089.3	1118.1	1127.2	1100.8	1077.1	1064.1	1038.0	1029.3
57.5°	1153.3	1152.1	1179.7	1214.4	1266.5	1289.0	1240.5	1195.5	1163.9	1132.7	1123.7
60°	1263.4	1266.1	1299.7	1356.1	1446.1	1477.3	1403.9	1329.3	1281.1	1240.5	1236.9
62.5°	1392.0	1392.4	1431.9	1508.5	1625.3	1675.4	1574.4	1473.3	1412.2	1367.6	1358.1
65°	1544.0	1546.7	1589.0	1666.3	1800.5	1862.5	1746.1	1622.9	1550.7	1490.3	1489.1
67.5°	1699.9	1698.3	1737.0	1819.1	1948.5	2005.8	1883.8	1746.5	1652.5	1577.1	1567.3
70°	1799.7	1808.4	1850.3	1928.8	2052.7	2108.4	1960.0	1794.2	1695.9	1626.9	1622.1
72.5°	1715.7	1731.9	1785.9	1916.2	2091.8	2157.7	1941.8	1744.9	1620.9	1551.5	1551.5
75°	1392.8	1419.7	1495.0	1695.5	1956.8	2070.9	1797.8	1527.0	1346.6	1272.4	1272.4
77.5°	848.6	874.2	976.0	1220.7	1580.3	1726.3	1465.4	1150.1	941.3	850.5	838.7
80°	282.2	298.8	398.6	620.4	970.1	1148.9	982.0	653.2	421.5	321.3	319.7
82.5°	75.0	81.7	113.7	180.0	421.1	622.4	449.1	215.5	123.5	95.9	88.4
85°	26.0	28.0	48.2	60.0	107.0	206.0	125.1	78.1	60.0	36.3	33.9
87.5°	7.5	8.3	19.3	20.9	30.8	24.1	33.9	31.2	28.4	11.8	10.7
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)