

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: P672382

Luminaire Tested: **CCP-SA-2A-730-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672382
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-730-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5WQ
distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5222.1 lumens
Efficiency: N/A
Efficacy: 144.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

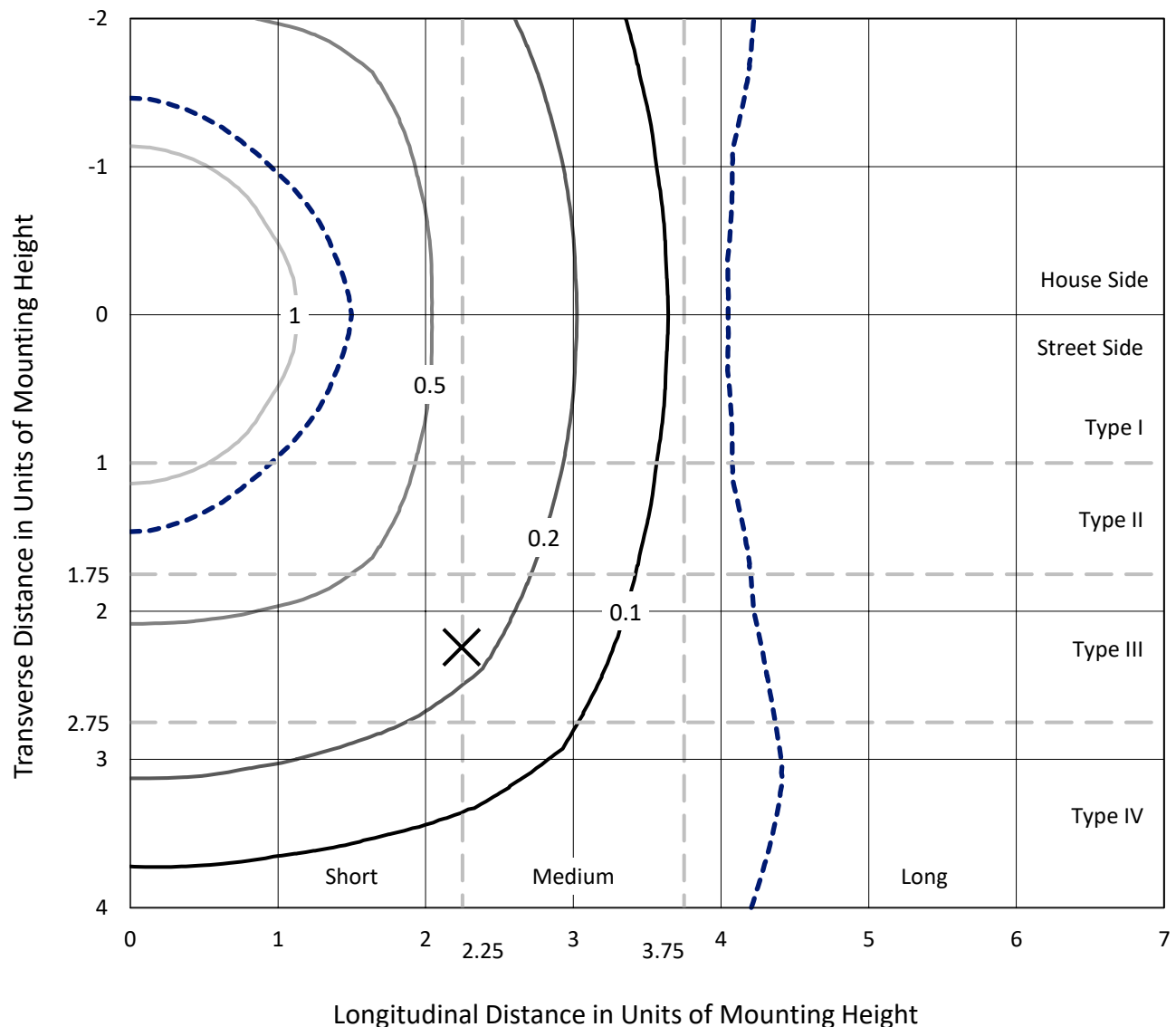
Input Watts (W): 36.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

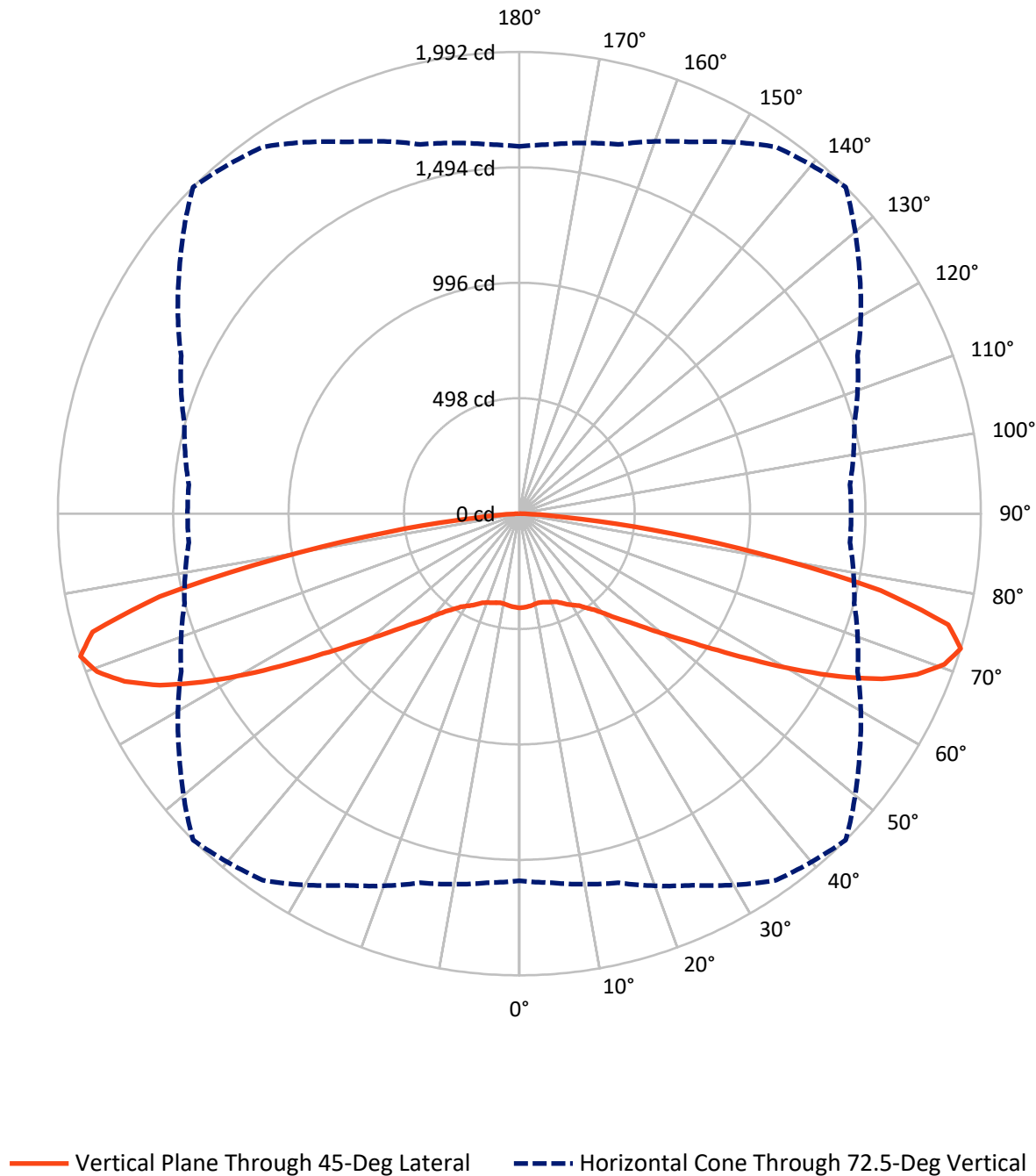


Based on 15 foot mounting height. Maximum calculated value = 1.8 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2611.1	0.0	2611.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2611.1	0.0	2611.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	5222.1	0.0	5222.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.2	0.7
10°-20°	113.4	2.2
20°-30°	199.2	3.8
30°-40°	317.9	6.1
40°-50°	531.5	10.2
50°-60°	909.6	17.4
60°-70°	1501.6	28.8
70°-80°	1439.2	27.6
80°-90°	171.6	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°	5222.1	100.0
0°-180°	5222.1	100.0



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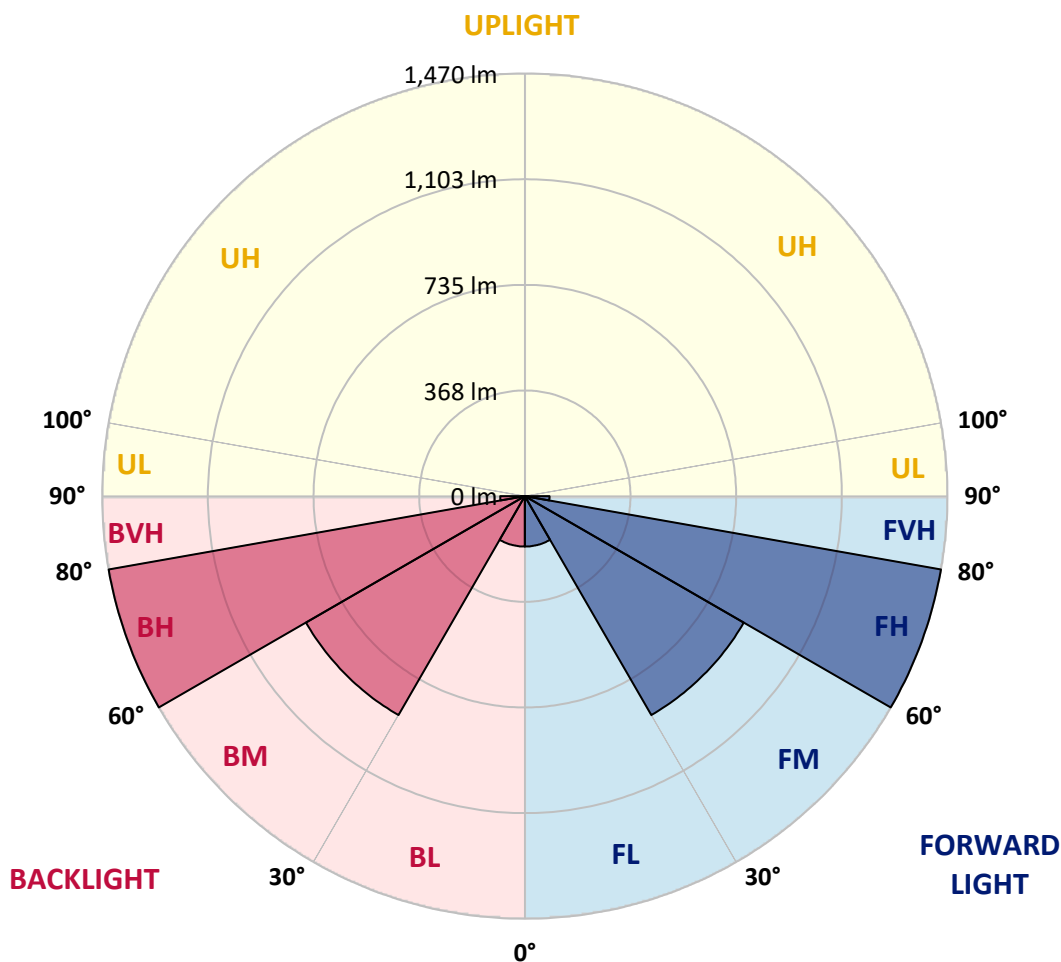
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	175.4	3.4			
FM	(30°-60°)	879.5	16.8			
FH	(60°-80°)	1470.4	28.2			G1/1800
FVH	(80°-90°)	85.8	1.6			G1/100
BL	(0°-30°)	175.4	3.4	B1/500		
BM	(30°-60°)	879.5	16.8	B1/1000		
BH	(60°-80°)	1470.4	28.2	B3/2500		G1/1800
BVH	(80°-90°)	85.8	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7
2.5°	404.1	404.1	405.2	405.6	405.2	404.8	404.5	404.1	405.2	404.8	405.2
5°	403.0	403.0	403.4	403.7	403.0	402.6	401.9	401.6	402.3	402.3	403.0
7.5°	400.1	399.7	400.1	400.5	399.4	399.0	397.9	397.9	397.9	397.5	398.3
10°	397.5	396.8	396.8	396.1	394.3	394.6	393.2	394.3	396.1	396.5	396.8
12.5°	398.6	397.9	397.2	395.4	392.8	393.2	392.8	393.9	396.5	397.9	399.0
15°	403.7	403.0	401.2	397.9	396.5	396.5	395.7	396.1	399.7	401.9	403.0
17.5°	409.2	407.7	404.5	402.3	400.8	401.9	399.4	399.0	401.9	405.2	406.3
20°	413.6	412.5	408.5	405.9	405.9	407.0	404.5	403.0	406.3	410.3	411.4
22.5°	421.2	420.5	416.5	413.9	413.9	414.3	412.9	411.8	415.4	419.4	420.5
25°	432.2	432.2	428.2	427.1	426.7	427.4	425.6	424.5	427.8	430.7	431.8
27.5°	444.9	443.8	440.5	439.8	441.3	443.8	440.5	437.6	440.2	442.7	443.1
30°	458.4	458.4	455.5	455.5	456.6	457.7	454.8	451.8	454.4	457.3	457.7
32.5°	477.3	476.3	475.2	475.5	475.2	473.7	472.2	471.9	474.1	475.9	476.6
35°	500.7	500.3	498.8	499.6	499.6	499.6	495.2	493.7	497.4	498.8	498.1
37.5°	536.7	536.4	532.7	530.5	528.0	526.9	521.4	521.1	529.8	534.2	533.5
40°	580.8	579.4	576.1	572.5	569.2	567.0	561.5	565.5	574.6	577.9	577.9
42.5°	628.9	627.1	623.5	621.6	619.5	617.3	610.0	611.8	622.7	626.0	622.4
45°	688.0	685.4	681.4	677.4	674.1	669.7	666.1	667.9	679.6	683.6	680.7
47.5°	750.6	749.9	746.6	743.4	740.4	737.5	732.8	736.1	746.3	745.5	739.7
50°	817.0	818.4	818.8	822.1	819.9	820.2	811.5	809.7	817.7	812.9	805.7
52.5°	888.4	890.6	898.2	904.8	916.8	918.3	907.3	895.7	894.2	881.8	874.2
55°	971.1	970.7	987.5	1005.7	1032.3	1040.7	1016.3	994.4	982.4	958.3	950.3
57.5°	1064.7	1063.6	1089.2	1121.2	1169.3	1190.1	1145.3	1103.7	1074.6	1045.8	1037.4
60°	1166.4	1169.0	1199.9	1252.0	1335.1	1363.9	1296.1	1227.3	1182.8	1145.3	1142.0
62.5°	1285.2	1285.6	1322.0	1392.7	1500.5	1546.8	1453.5	1360.3	1303.8	1262.6	1253.9
65°	1425.5	1428.0	1467.0	1538.4	1662.3	1719.5	1612.1	1498.4	1431.7	1375.9	1374.8
67.5°	1569.4	1568.0	1603.7	1679.5	1799.0	1851.8	1739.2	1612.4	1525.7	1456.1	1447.0
70°	1661.6	1669.6	1708.2	1780.8	1895.2	1946.6	1809.5	1656.5	1565.8	1502.0	1497.6
72.5°	1584.0	1598.9	1648.9	1769.1	1931.3	1992.1	1792.8	1611.0	1496.5	1432.4	1432.4
75°	1285.9	1310.7	1380.3	1565.4	1806.6	1911.9	1659.8	1409.8	1243.3	1174.8	1174.8
77.5°	783.4	807.1	901.1	1127.1	1459.0	1593.8	1353.0	1061.8	869.1	785.3	774.3
80°	260.5	275.8	368.0	572.8	895.7	1060.7	906.6	603.1	389.2	296.6	295.2
82.5°	69.2	75.4	104.9	166.2	388.8	574.6	414.7	199.0	114.1	88.5	81.6
85°	24.0	25.9	44.5	55.4	98.7	190.2	115.5	72.1	55.4	33.5	31.3
87.5°	6.9	7.7	17.9	19.3	28.4	22.2	31.3	28.8	26.2	10.9	9.8
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)