

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: P672379

Luminaire Tested: **CCP-SA-1D-730-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672379
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1D-730-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5WQ
distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5322.6 lumens
Efficiency: N/A
Efficacy: 121.0 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): 44
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

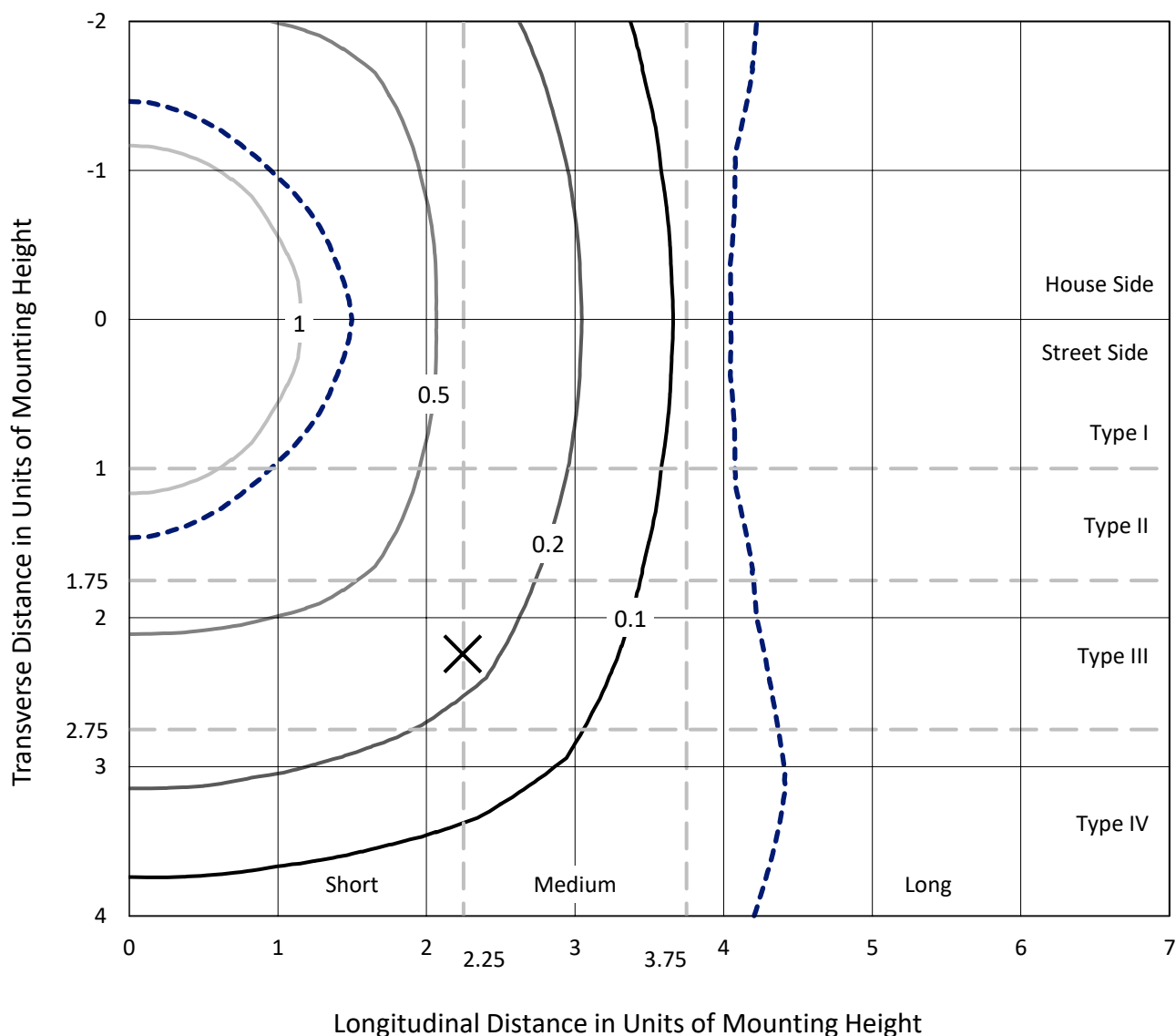
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

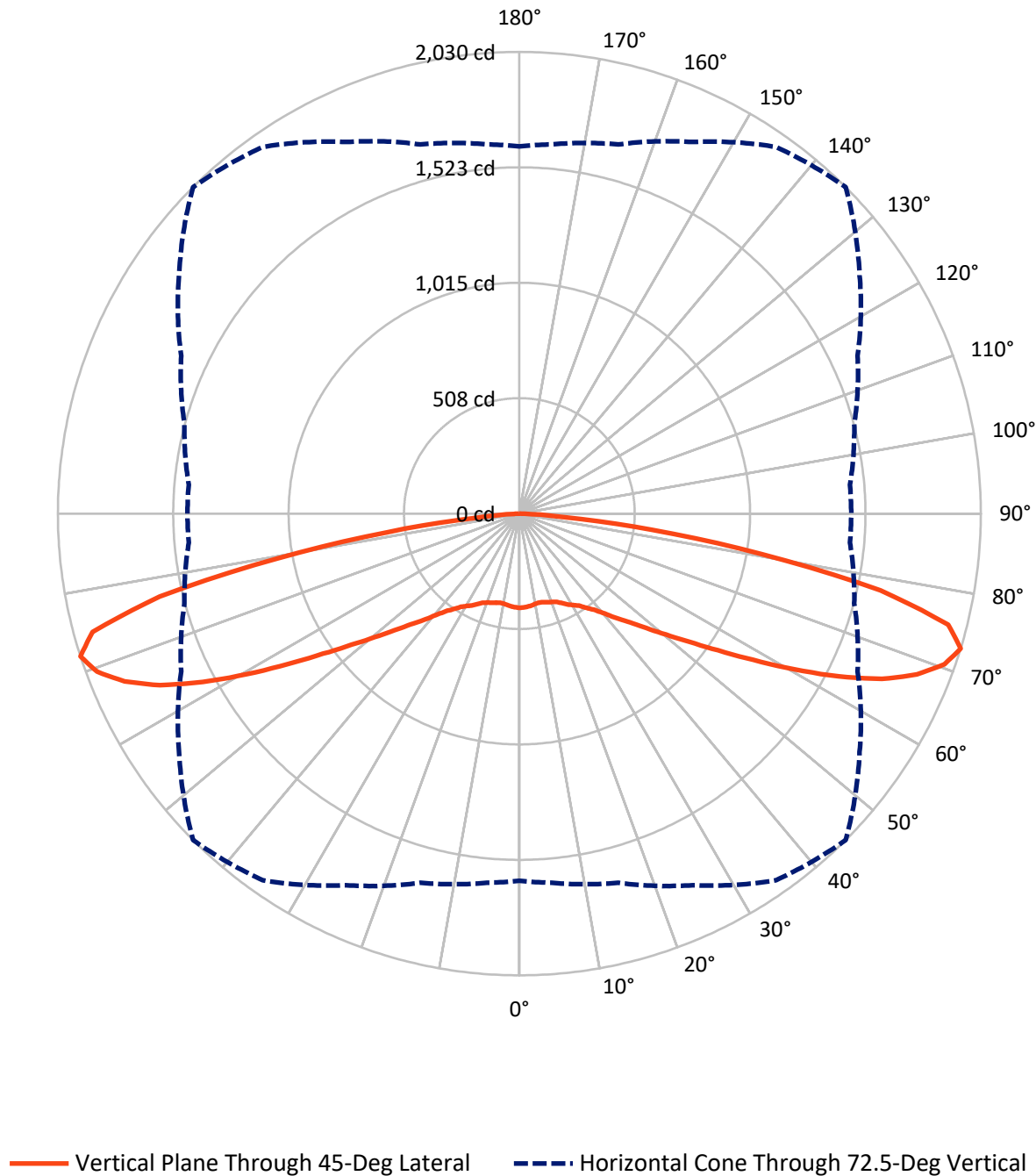


Based on 15 foot mounting height. Maximum calculated value = 1.8 fc

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	2661.3	0.0	2661.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2661.3	0.0	2661.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	5322.6	0.0	5322.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.9	0.7
10°-20°	115.6	2.2
20°-30°	203.1	3.8
30°-40°	324.0	6.1
40°-50°	541.8	10.2
50°-60°	927.1	17.4
60°-70°	1530.4	28.8
70°-80°	1466.8	27.6
80°-90°	174.9	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°	5322.6	100.0
0°-180°	5322.6	100.0

Coefficient of Utilization



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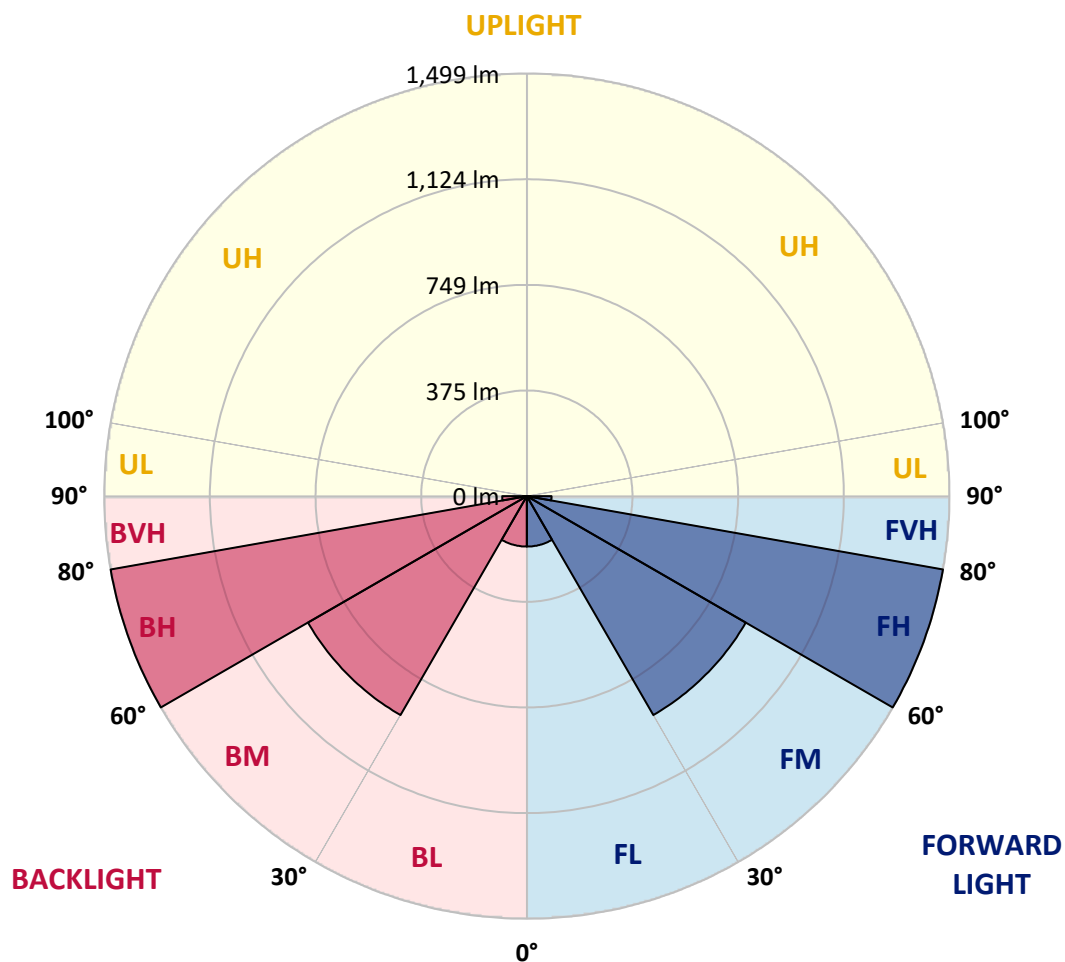
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	178.8	3.4			
FM	(30°-60°)	896.4	16.8			
FH	(60°-80°)	1498.6	28.2			G1/1800
FVH	(80°-90°)	87.5	1.6			G1/100
BL	(0°-30°)	178.8	3.4	B1/500		
BM	(30°-60°)	896.4	16.8	B1/1000		
BH	(60°-80°)	1498.6	28.2	B3/2500		G1/1800
BVH	(80°-90°)	87.5	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°	414.5	414.5	414.5	414.5	414.5	414.5	414.5	414.5	414.5	414.5	414.5
2.5°	411.9	411.9	413.0	413.4	413.0	412.6	412.3	411.9	413.0	412.6	413.0
5°	410.8	410.8	411.1	411.5	410.8	410.4	409.7	409.3	410.0	410.0	410.8
7.5°	407.8	407.4	407.8	408.2	407.1	406.7	405.6	405.6	405.6	405.2	405.9
10°	405.2	404.5	404.5	403.7	401.9	402.2	400.7	401.9	403.7	404.1	404.5
12.5°	406.3	405.6	404.8	403.0	400.4	400.7	400.4	401.5	404.1	405.6	406.7
15°	411.5	410.8	408.9	405.6	404.1	404.1	403.3	403.7	407.4	409.7	410.8
17.5°	417.1	415.6	412.3	410.0	408.5	409.7	407.1	406.7	409.7	413.0	414.1
20°	421.5	420.4	416.3	413.7	413.7	414.9	412.3	410.8	414.1	418.2	419.3
22.5°	429.3	428.6	424.5	421.9	421.9	422.3	420.8	419.7	423.4	427.5	428.6
25°	440.5	440.5	436.4	435.3	434.9	435.6	433.8	432.7	436.0	439.0	440.1
27.5°	453.5	452.4	449.0	448.3	449.8	452.4	449.0	446.0	448.6	451.2	451.6
30°	467.2	467.2	464.2	464.2	465.4	466.5	463.5	460.5	463.1	466.1	466.5
32.5°	486.5	485.4	484.3	484.7	484.3	482.8	481.3	481.0	483.2	485.0	485.8
35°	510.3	509.9	508.4	509.2	509.2	509.2	504.7	503.2	507.0	508.4	507.7
37.5°	547.1	546.7	543.0	540.8	538.2	537.0	531.5	531.1	540.0	544.5	543.7
40°	592.0	590.5	587.2	583.5	580.1	577.9	572.3	576.4	585.7	589.0	589.0
42.5°	641.0	639.2	635.5	633.6	631.4	629.1	621.7	623.6	634.7	638.1	634.3
45°	701.2	698.6	694.5	690.4	687.1	682.6	678.9	680.8	692.7	696.7	693.8
47.5°	765.1	764.3	761.0	757.7	754.7	751.7	746.9	750.2	760.6	759.9	753.9
50°	832.7	834.2	834.5	837.9	835.6	836.0	827.1	825.2	833.4	828.6	821.2
52.5°	905.5	907.7	915.5	922.2	934.4	935.9	924.8	912.9	911.4	898.8	891.0
55°	989.8	989.4	1006.5	1025.1	1052.2	1060.7	1035.8	1013.5	1001.3	976.8	968.6
57.5°	1085.2	1084.1	1110.1	1142.8	1191.8	1213.0	1167.3	1125.0	1095.3	1065.9	1057.4
60°	1188.8	1191.4	1223.0	1276.1	1360.8	1390.1	1321.1	1250.9	1205.6	1167.3	1164.0
62.5°	1309.9	1310.3	1347.4	1419.5	1529.4	1576.6	1481.5	1386.4	1328.9	1286.9	1278.0
65°	1452.9	1455.5	1495.2	1568.0	1694.3	1752.6	1643.1	1527.2	1459.2	1402.4	1401.3
67.5°	1599.6	1598.1	1634.5	1711.8	1833.6	1887.4	1772.7	1643.4	1555.0	1484.1	1474.8
70°	1693.6	1701.7	1741.1	1815.0	1931.6	1984.0	1844.4	1688.4	1595.9	1530.9	1526.4
72.5°	1614.5	1629.7	1680.6	1803.1	1968.4	2030.4	1827.3	1641.9	1525.3	1460.0	1460.0
75°	1310.7	1335.9	1406.9	1595.5	1841.4	1948.7	1691.7	1436.9	1267.2	1197.4	1197.4
77.5°	798.5	822.6	918.5	1148.7	1487.1	1624.5	1379.0	1082.3	885.8	800.4	789.2
80°	265.5	281.1	375.1	583.8	912.9	1081.1	924.0	614.7	396.7	302.3	300.8
82.5°	70.6	76.9	107.0	169.4	396.3	585.7	422.7	202.8	116.2	90.2	83.2
85°	24.5	26.4	45.3	56.5	100.6	193.9	117.7	73.5	56.5	34.2	31.9
87.5°	7.1	7.8	18.2	19.7	29.0	22.7	31.9	29.3	26.7	11.1	10.0
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)