

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: P672361

Luminaire Tested: **CCP-SA-2B-722-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672361
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-722-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5WQ
distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5331.8 lumens
Efficiency: N/A
Efficacy: 115.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

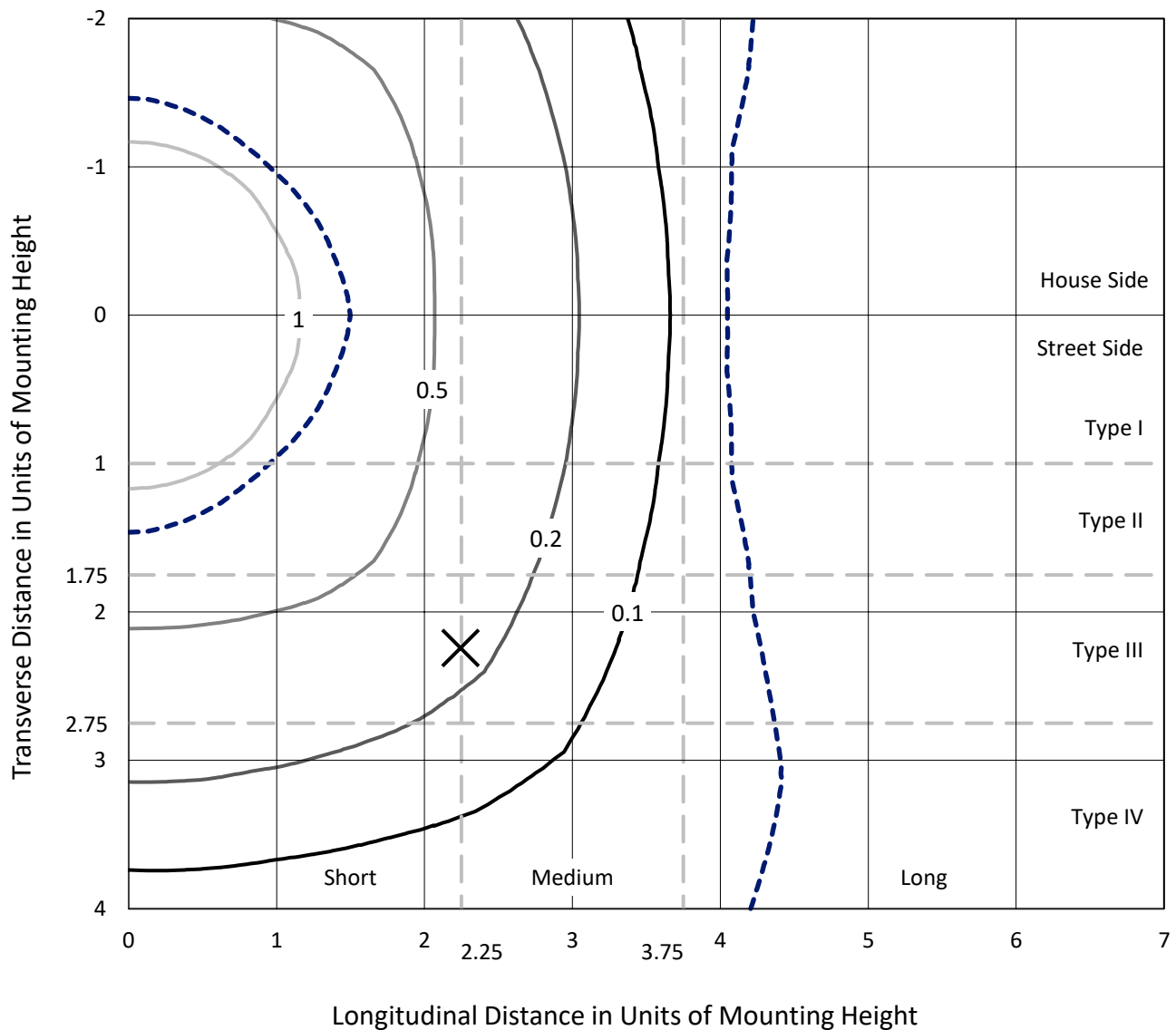
Input Watts (W): 46
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

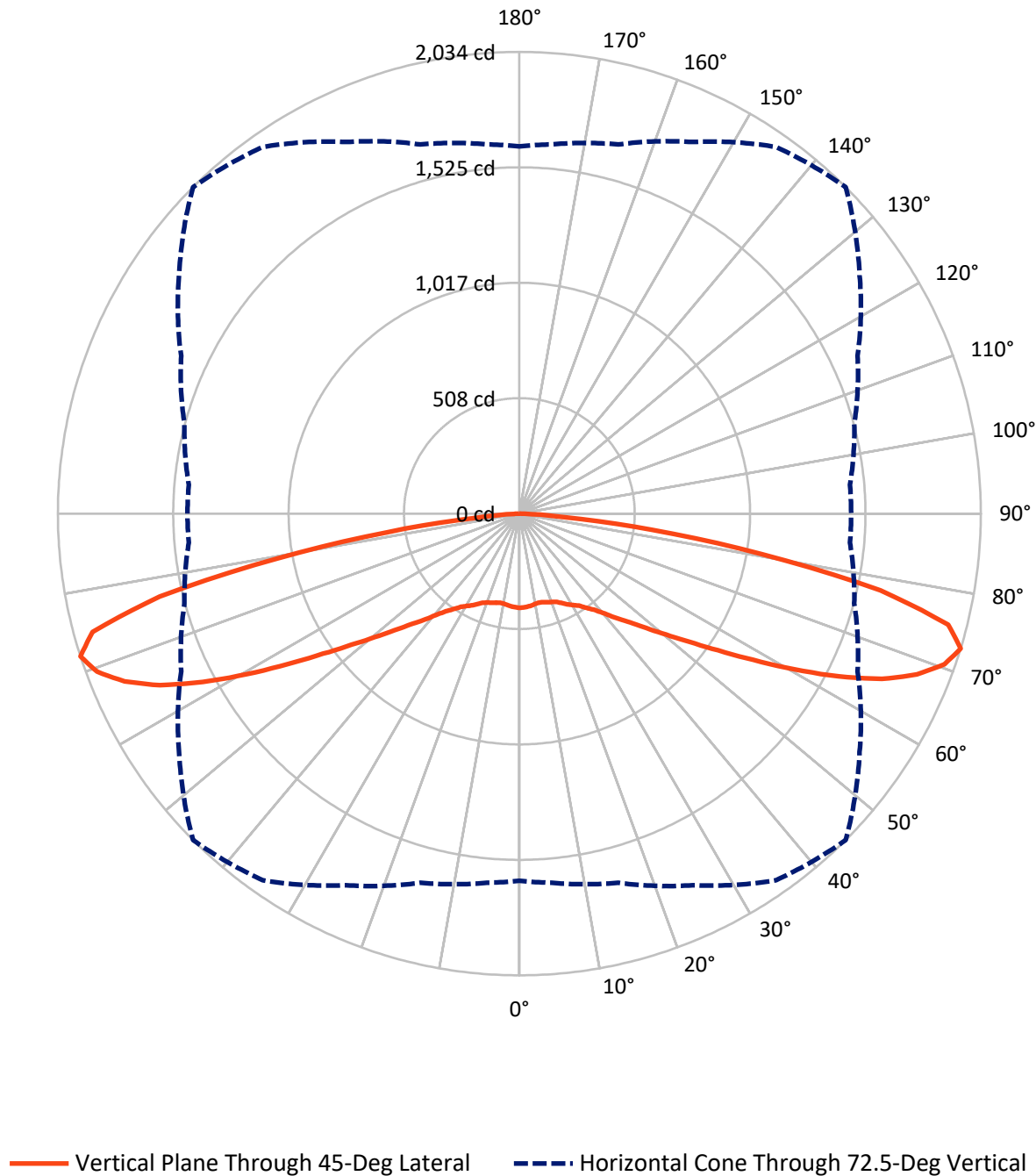
× Max cd
- - - 1/2 Max cd



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	2665.9	0.0	2665.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2665.9	0.0	2665.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	5331.8	0.0	5331.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.0	0.7
10°-20°	115.8	2.2
20°-30°	203.4	3.8
30°-40°	324.6	6.1
40°-50°	542.7	10.2
50°-60°	928.7	17.4
60°-70°	1533.1	28.8
70°-80°	1469.4	27.6
80°-90°	175.2	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°	5331.8	100.0
0°-180°	5331.8	100.0



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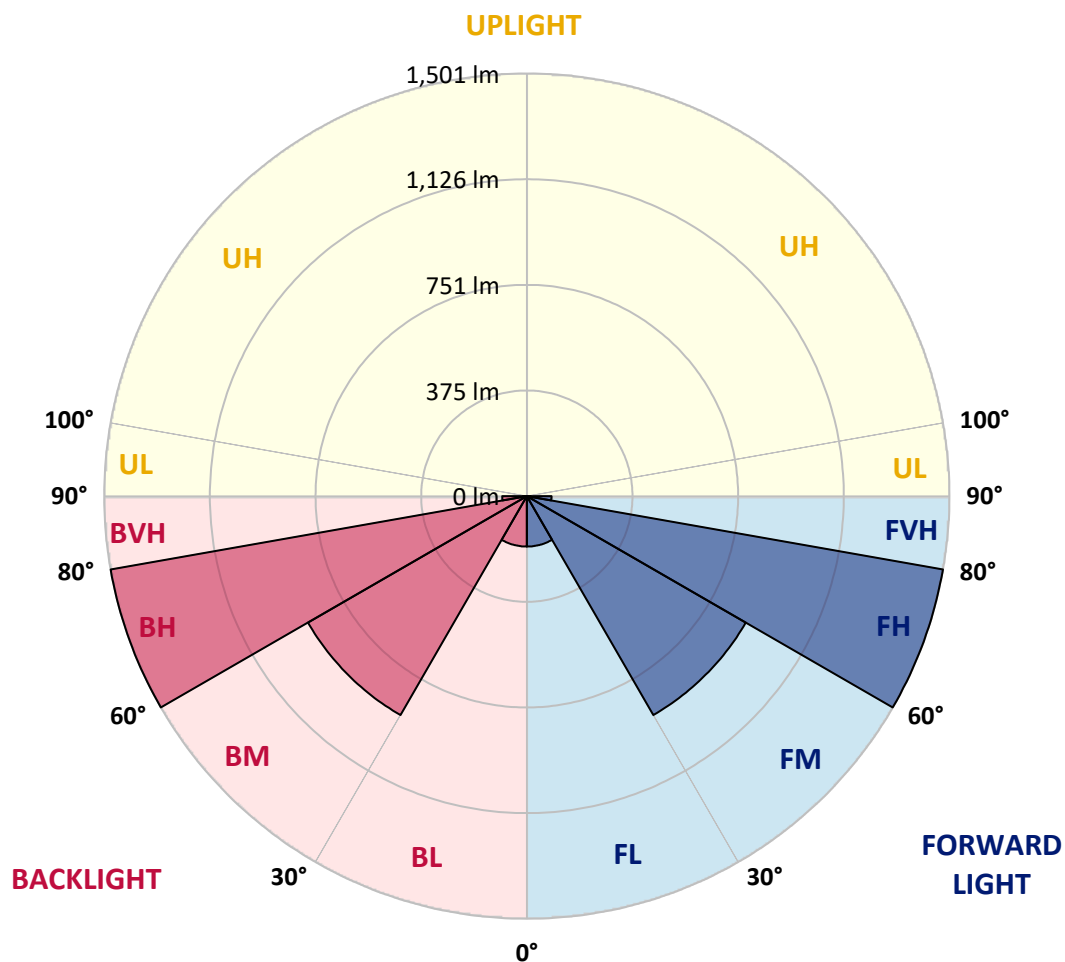
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	179.1	3.4			
FM	(30°-60°)	898.0	16.8			
FH	(60°-80°)	1501.2	28.2			G1/1800
FVH	(80°-90°)	87.6	1.6			G1/100
BL	(0°-30°)	179.1	3.4	B1/500		
BM	(30°-60°)	898.0	16.8	B1/1000		
BH	(60°-80°)	1501.2	28.2	B3/2500		G1/1800
BVH	(80°-90°)	87.6	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°	415.2	415.2	415.2	415.2	415.2	415.2	415.2	415.2	415.2	415.2	415.2
2.5°	412.6	412.6	413.7	414.1	413.7	413.3	413.0	412.6	413.7	413.3	413.7
5°	411.5	411.5	411.8	412.2	411.5	411.1	410.4	410.0	410.7	410.7	411.5
7.5°	408.5	408.1	408.5	408.9	407.8	407.4	406.3	406.3	406.3	405.9	406.6
10°	405.9	405.2	405.2	404.4	402.5	402.9	401.4	402.5	404.4	404.8	405.2
12.5°	407.0	406.3	405.5	403.7	401.1	401.4	401.1	402.2	404.8	406.3	407.4
15°	412.2	411.5	409.6	406.3	404.8	404.8	404.0	404.4	408.1	410.4	411.5
17.5°	417.8	416.3	413.0	410.7	409.2	410.4	407.8	407.4	410.4	413.7	414.8
20°	422.3	421.1	417.1	414.5	414.5	415.6	413.0	411.5	414.8	418.9	420.0
22.5°	430.1	429.3	425.2	422.6	422.6	423.0	421.5	420.4	424.1	428.2	429.3
25°	441.2	441.2	437.1	436.0	435.7	436.4	434.5	433.4	436.8	439.8	440.9
27.5°	454.3	453.1	449.8	449.1	450.5	453.1	449.8	446.8	449.4	452.0	452.4
30°	468.0	468.0	465.1	465.1	466.2	467.3	464.3	461.3	463.9	466.9	467.3
32.5°	487.4	486.3	485.1	485.5	485.1	483.7	482.2	481.8	484.0	485.9	486.6
35°	511.2	510.8	509.3	510.1	510.1	510.1	505.6	504.1	507.8	509.3	508.6
37.5°	548.0	547.6	543.9	541.7	539.1	538.0	532.4	532.0	540.9	545.4	544.7
40°	593.0	591.5	588.2	584.5	581.1	578.9	573.3	577.4	586.7	590.1	590.1
42.5°	642.1	640.3	636.6	634.7	632.5	630.2	622.8	624.7	635.8	639.2	635.4
45°	702.4	699.8	695.7	691.6	688.3	683.8	680.1	682.0	693.9	697.9	695.0
47.5°	766.4	765.7	762.3	759.0	756.0	753.0	748.2	751.5	761.9	761.2	755.2
50°	834.1	835.6	836.0	839.3	837.1	837.5	828.5	826.7	834.9	830.0	822.6
52.5°	907.0	909.3	917.1	923.8	936.1	937.5	926.4	914.5	913.0	900.3	892.5
55°	991.5	991.1	1008.2	1026.8	1054.0	1062.5	1037.6	1015.3	1003.0	978.5	970.3
57.5°	1087.1	1086.0	1112.0	1144.8	1193.9	1215.1	1169.3	1126.9	1097.1	1067.8	1059.2
60°	1190.9	1193.5	1225.1	1278.3	1363.2	1392.5	1323.3	1253.0	1207.6	1169.3	1166.0
62.5°	1312.2	1312.6	1349.8	1421.9	1532.1	1579.3	1484.1	1388.8	1331.2	1289.1	1280.2
65°	1455.4	1458.0	1497.8	1570.8	1697.2	1755.7	1645.9	1529.8	1461.7	1404.8	1403.7
67.5°	1602.4	1600.9	1637.3	1714.7	1836.8	1890.7	1775.7	1646.3	1557.7	1486.7	1477.4
70°	1696.5	1704.7	1744.1	1818.2	1935.0	1987.4	1847.6	1691.3	1598.7	1533.6	1529.1
72.5°	1617.3	1632.5	1683.5	1806.3	1971.8	2033.9	1830.4	1644.8	1528.0	1462.5	1462.5
75°	1312.9	1338.2	1409.3	1598.3	1844.6	1952.1	1694.6	1439.4	1269.4	1199.5	1199.5
77.5°	799.9	824.1	920.1	1150.7	1489.6	1627.3	1381.4	1084.1	887.3	801.7	790.6
80°	266.0	281.6	375.8	584.8	914.5	1083.0	925.6	615.7	397.3	302.8	301.4
82.5°	70.7	77.0	107.1	169.7	397.0	586.7	423.4	203.1	116.4	90.4	83.3
85°	24.6	26.4	45.4	56.6	100.8	194.2	117.9	73.7	56.6	34.2	32.0
87.5°	7.1	7.8	18.2	19.7	29.0	22.7	32.0	29.4	26.8	11.2	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)