

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: P672390

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672390
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1D-735-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5WQ
distribution lens
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5765.1 lumens
Efficiency: N/A
Efficacy: 131.0 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

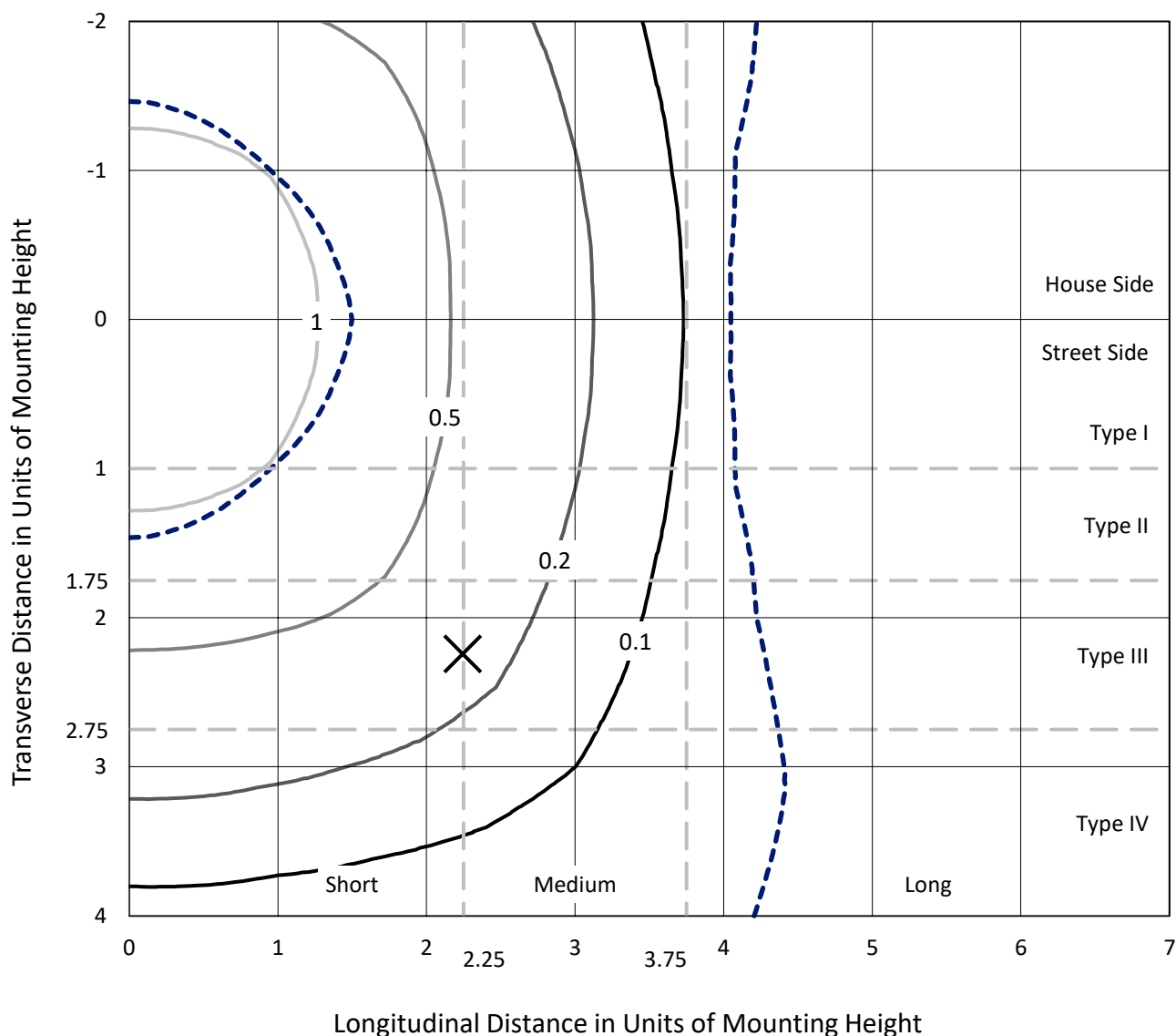
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



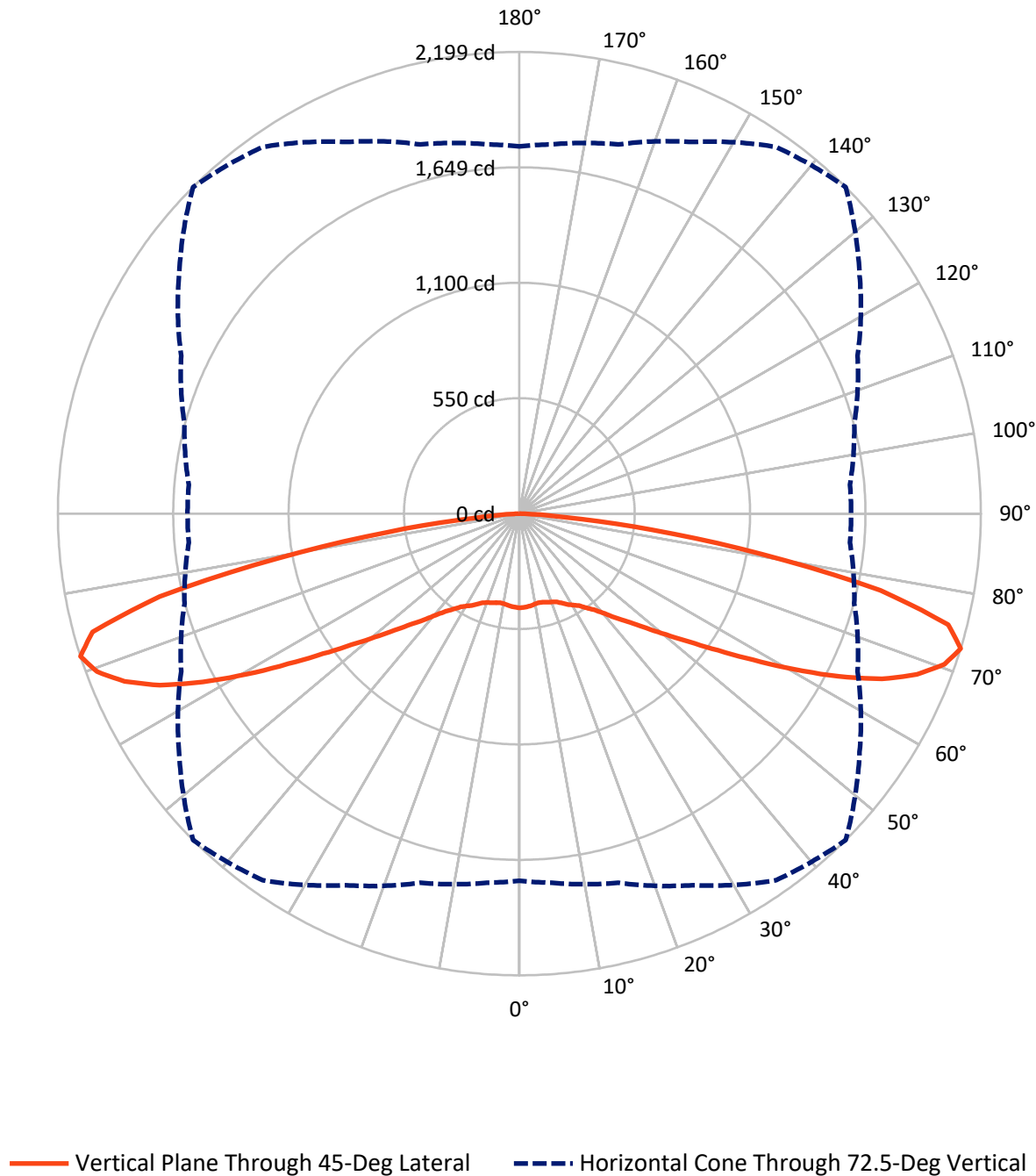
Based on 15 foot mounting height. Maximum calculated value = 2 fc

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	2882.5	0.0	2882.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2882.5	0.0	2882.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	5765.1	0.0	5765.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.2	0.7
10°-20°	125.2	2.2
20°-30°	220.0	3.8
30°-40°	350.9	6.1
40°-50°	586.8	10.2
50°-60°	1004.1	17.4
60°-70°	1657.7	28.8
70°-80°	1588.8	27.6
80°-90°	189.5	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°	5765.1	100.0
0°-180°	5765.1	100.0



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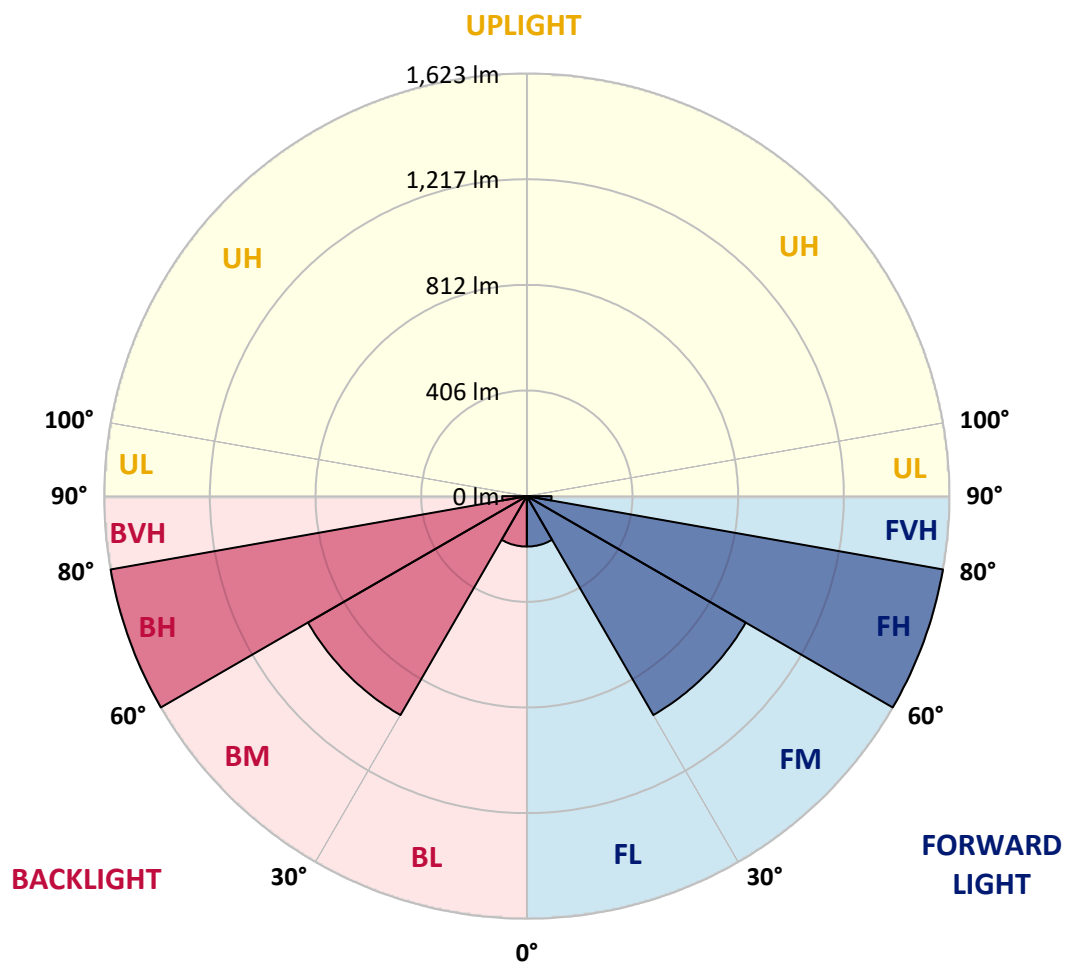
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	193.7	3.4			
FM	(30°-60°)	970.9	16.8			
FH	(60°-80°)	1623.2	28.2			G1/1800
FVH	(80°-90°)	94.7	1.6			G1/100
BL	(0°-30°)	193.7	3.4	B1/500		
BM	(30°-60°)	970.9	16.8	B1/1000		
BH	(60°-80°)	1623.2	28.2	B3/2500		G1/1800
BVH	(80°-90°)	94.7	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°	448.9	448.9	448.9	448.9	448.9	448.9	448.9	448.9	448.9	448.9	448.9
2.5°	446.1	446.1	447.3	447.7	447.3	446.9	446.5	446.1	447.3	446.9	447.3
5°	444.9	444.9	445.3	445.7	444.9	444.5	443.7	443.3	444.1	444.1	444.9
7.5°	441.7	441.3	441.7	442.1	440.9	440.5	439.3	439.3	439.3	438.9	439.7
10°	438.9	438.1	438.1	437.3	435.3	435.7	434.1	435.3	437.3	437.7	438.1
12.5°	440.1	439.3	438.5	436.5	433.6	434.1	433.6	434.9	437.7	439.3	440.5
15°	445.7	444.9	442.9	439.3	437.7	437.7	436.9	437.3	441.3	443.7	444.9
17.5°	451.8	450.1	446.5	444.1	442.5	443.7	440.9	440.5	443.7	447.3	448.5
20°	456.6	455.4	450.9	448.1	448.1	449.3	446.5	444.9	448.5	453.0	454.2
22.5°	465.0	464.2	459.8	457.0	457.0	457.4	455.8	454.6	458.6	463.0	464.2
25°	477.1	477.1	472.7	471.5	471.1	471.9	469.9	468.6	472.3	475.5	476.7
27.5°	491.2	490.0	486.3	485.5	487.2	490.0	486.3	483.1	485.9	488.8	489.2
30°	506.1	506.1	502.8	502.8	504.0	505.3	502.0	498.8	501.6	504.9	505.3
32.5°	527.0	525.8	524.6	525.0	524.6	523.0	521.3	520.9	523.4	525.4	526.2
35°	552.7	552.3	550.7	551.5	551.5	551.5	546.7	545.1	549.1	550.7	549.9
37.5°	592.5	592.1	588.1	585.7	582.9	581.7	575.7	575.2	584.9	589.7	588.9
40°	641.2	639.6	636.0	632.0	628.3	625.9	619.9	624.3	634.4	638.0	638.0
42.5°	694.3	692.3	688.3	686.3	683.9	681.4	673.4	675.4	687.5	691.1	687.1
45°	759.5	756.7	752.2	747.8	744.2	739.4	735.4	737.4	750.2	754.7	751.4
47.5°	828.7	827.9	824.3	820.6	817.4	814.2	809.0	812.6	823.9	823.0	816.6
50°	901.9	903.5	903.9	907.5	905.1	905.5	895.9	893.8	902.7	897.5	889.4
52.5°	980.7	983.2	991.6	998.8	1012.1	1013.7	1001.7	988.8	987.2	973.5	965.1
55°	1072.1	1071.7	1090.2	1110.3	1139.6	1148.9	1121.9	1097.8	1084.5	1058.0	1049.1
57.5°	1175.4	1174.2	1202.4	1237.8	1290.9	1313.8	1264.3	1218.5	1186.3	1154.5	1145.3
60°	1287.7	1290.5	1324.7	1382.2	1473.9	1505.7	1430.9	1354.9	1305.8	1264.3	1260.7
62.5°	1418.8	1419.2	1459.4	1537.5	1656.6	1707.6	1604.7	1501.7	1439.3	1393.9	1384.2
65°	1573.7	1576.5	1619.5	1698.4	1835.2	1898.3	1779.7	1654.1	1580.5	1519.0	1517.8
67.5°	1732.6	1731.0	1770.4	1854.1	1986.0	2044.3	1920.0	1780.1	1684.3	1607.5	1597.4
70°	1834.4	1843.2	1885.9	1965.9	2092.2	2148.9	1997.7	1828.7	1728.6	1658.2	1653.3
72.5°	1748.7	1765.2	1820.3	1953.0	2132.0	2199.2	1979.2	1778.4	1652.1	1581.3	1581.3
75°	1419.6	1447.0	1523.8	1728.2	1994.5	2110.7	1832.4	1556.4	1372.6	1296.9	1296.9
77.5°	864.9	891.0	994.8	1244.2	1610.7	1759.5	1493.6	1172.2	959.4	866.9	854.8
80°	287.6	304.5	406.3	632.4	988.8	1171.0	1000.9	665.8	429.6	327.4	325.8
82.5°	76.4	83.3	115.9	183.4	429.2	634.4	457.8	219.6	125.9	97.8	90.1
85°	26.5	28.6	49.1	61.1	109.0	210.0	127.5	79.6	61.1	37.0	34.6
87.5°	7.6	8.4	19.7	21.3	31.4	24.5	34.6	31.8	29.0	12.1	10.9
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)