

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: P672458

Luminaire Tested: **CCP-SA-1F-835-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672458
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-835-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ 5WQ
distribution lens
Light Source: (16) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6475.3 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 67
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

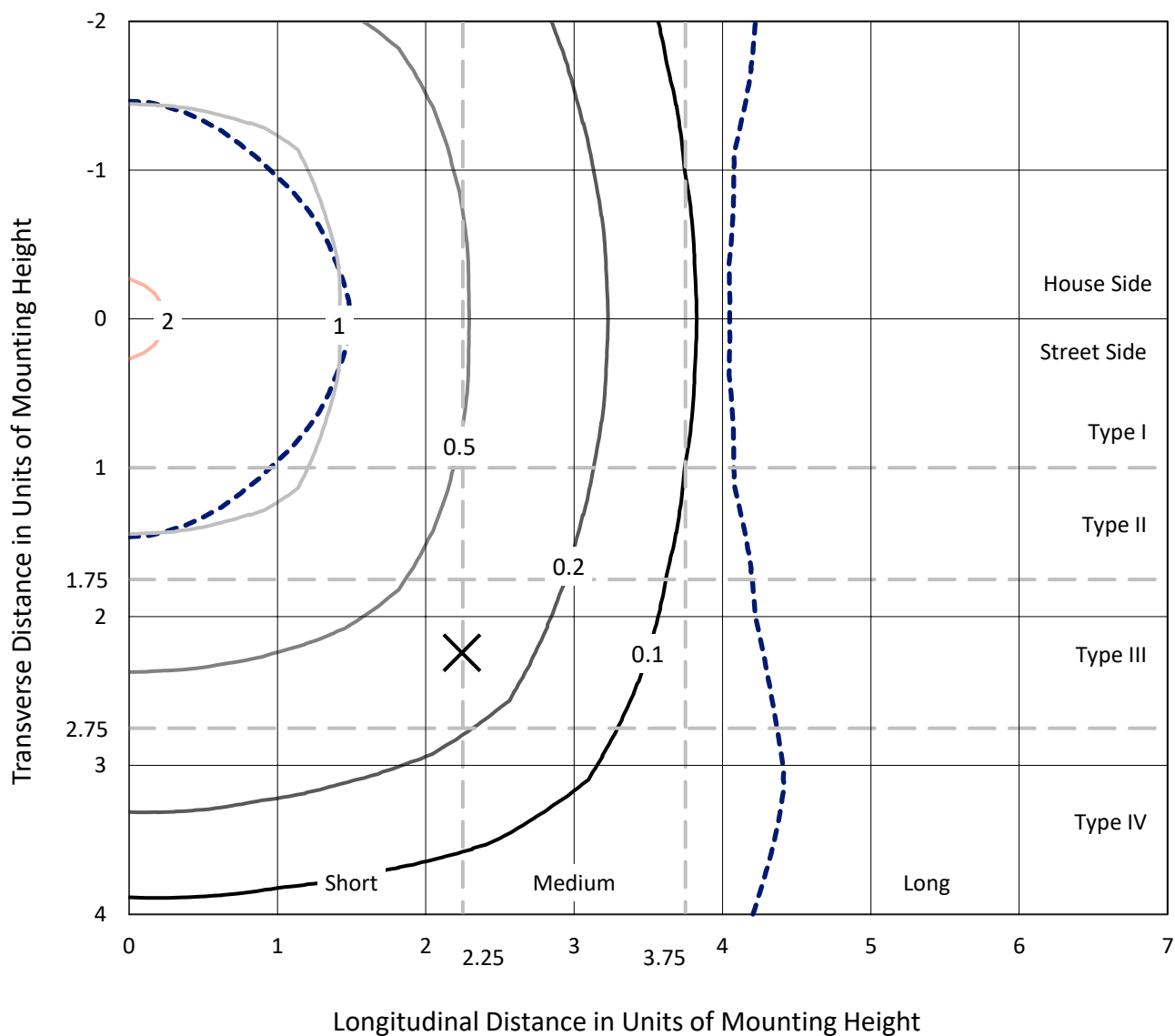
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

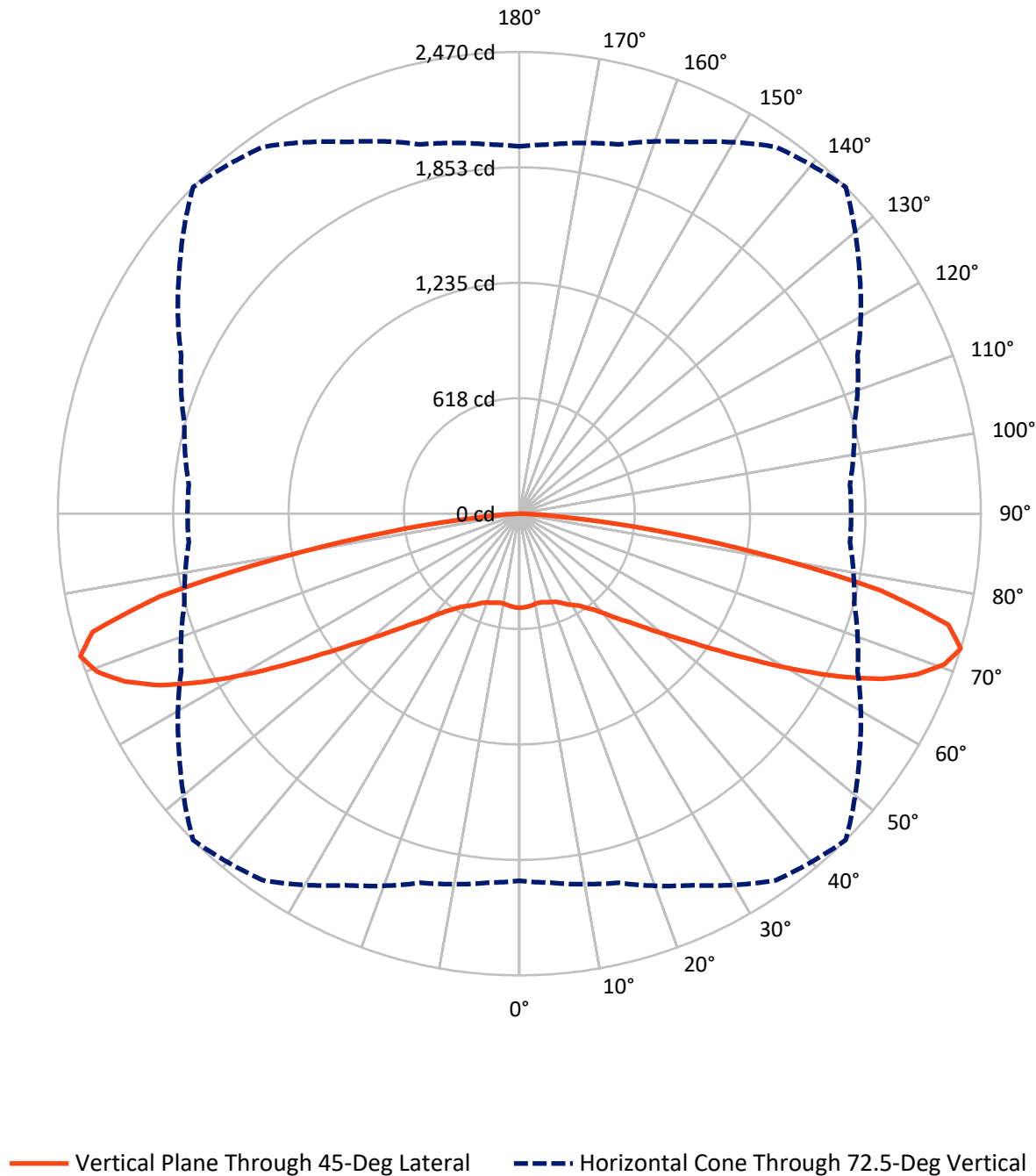
--- 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.2 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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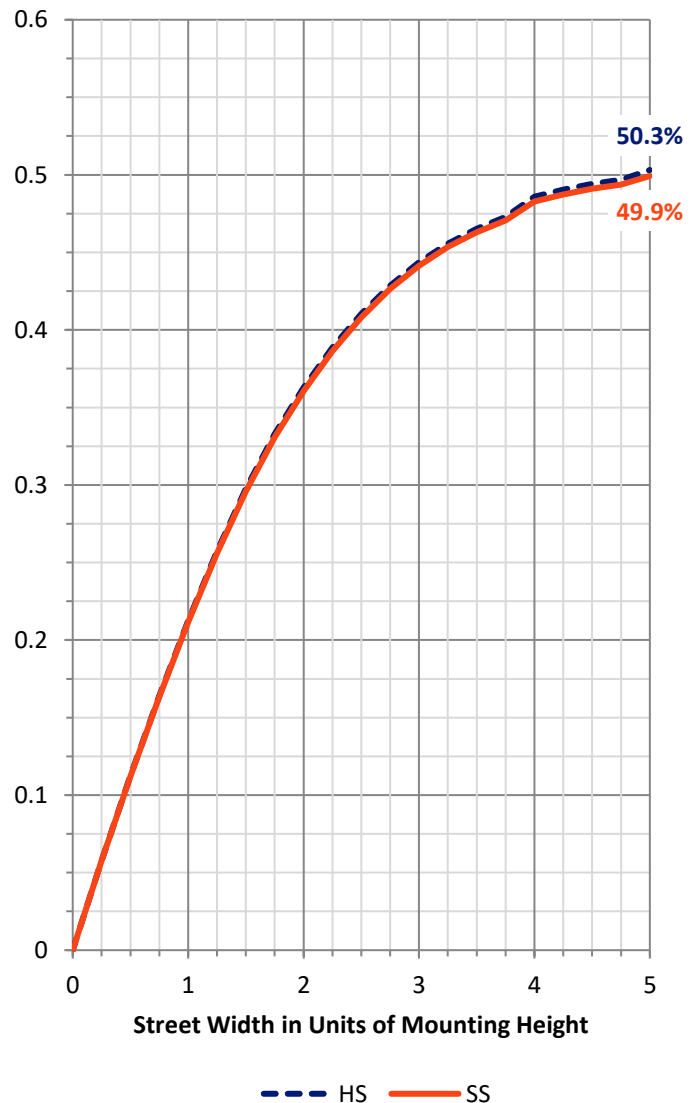
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3237.6	0.0	3237.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3237.6	0.0	3237.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	6475.3	0.0	6475.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.4	0.7
10°-20°	140.6	2.2
20°-30°	247.0	3.8
30°-40°	394.2	6.1
40°-50°	659.1	10.2
50°-60°	1127.8	17.4
60°-70°	1861.9	28.8
70°-80°	1784.5	27.6
80°-90°	212.8	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°	6475.3	100.0
0°-180°	6475.3	100.0



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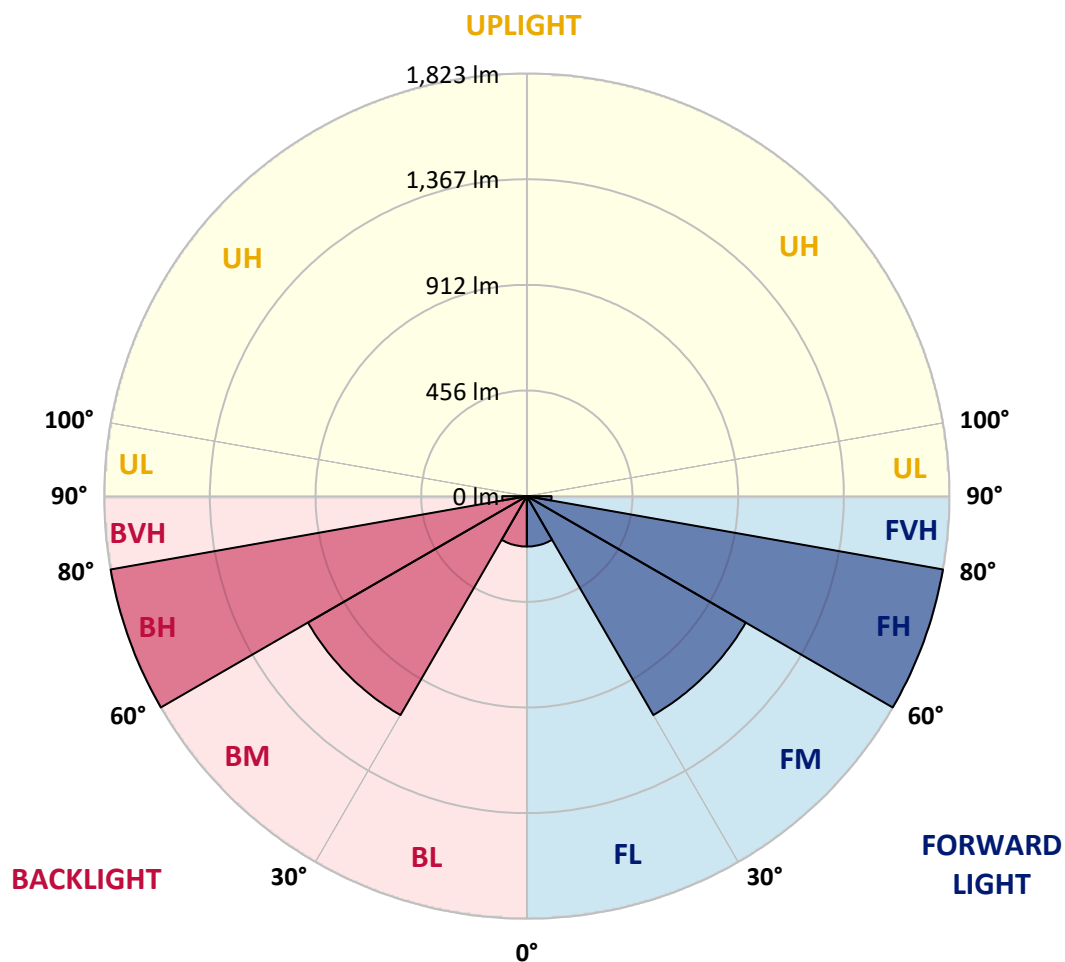
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	217.5	3.4			
FM	(30°-60°)	1090.5	16.8			
FH	(60°-80°)	1823.2	28.2			G2/5000
FVH	(80°-90°)	106.4	1.6			G2/225
BL	(0°-30°)	217.5	3.4	B1/500		
BM	(30°-60°)	1090.5	16.8	B2/2500		
BH	(60°-80°)	1823.2	28.2	B3/2500		G2/5000
BVH	(80°-90°)	106.4	1.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	504.2	504.2	504.2	504.2	504.2	504.2	504.2	504.2	504.2	504.2	504.2
2.5°	501.1	501.1	502.4	502.9	502.4	502.0	501.5	501.1	502.4	502.0	502.4
5°	499.7	499.7	500.2	500.6	499.7	499.3	498.4	497.9	498.8	498.8	499.7
7.5°	496.1	495.7	496.1	496.6	495.2	494.8	493.4	493.4	493.4	492.9	493.8
10°	492.9	492.0	492.0	491.1	488.9	489.3	487.5	488.9	491.1	491.6	492.0
12.5°	494.3	493.4	492.5	490.2	487.1	487.5	487.1	488.4	491.6	493.4	494.8
15°	500.6	499.7	497.5	493.4	491.6	491.6	490.7	491.1	495.7	498.4	499.7
17.5°	507.4	505.6	501.5	498.8	497.0	498.4	495.2	494.8	498.4	502.4	503.8
20°	512.8	511.5	506.5	503.3	503.3	504.7	501.5	499.7	503.8	508.8	510.1
22.5°	522.3	521.4	516.4	513.3	513.3	513.7	511.9	510.6	515.1	520.1	521.4
25°	535.9	535.9	530.9	529.5	529.1	530.0	527.7	526.4	530.4	534.1	535.4
27.5°	551.7	550.3	546.3	545.4	547.2	550.3	546.3	542.6	545.8	549.0	549.4
30°	568.4	568.4	564.8	564.8	566.1	567.5	563.9	560.3	563.4	567.0	567.5
32.5°	591.9	590.5	589.2	589.6	589.2	587.4	585.6	585.1	587.8	590.1	591.0
35°	620.8	620.4	618.6	619.5	619.5	619.5	614.0	612.2	616.7	618.6	617.6
37.5°	665.5	665.1	660.6	657.9	654.7	653.3	646.6	646.1	657.0	662.4	661.5
40°	720.2	718.4	714.3	709.8	705.8	703.0	696.3	701.2	712.5	716.6	716.6
42.5°	779.9	777.6	773.1	770.8	768.1	765.4	756.4	758.6	772.2	776.2	771.7
45°	853.1	849.9	844.9	839.9	835.9	830.5	825.9	828.2	842.7	847.6	844.0
47.5°	930.8	929.9	925.8	921.7	918.1	914.5	908.6	912.7	925.3	924.4	917.2
50°	1013.0	1014.8	1015.3	1019.3	1016.6	1017.1	1006.2	1004.0	1013.9	1008.0	999.0
52.5°	1101.6	1104.3	1113.8	1121.9	1136.8	1138.6	1125.1	1110.6	1108.8	1093.4	1083.9
55°	1204.1	1203.7	1224.5	1247.0	1280.0	1290.4	1260.1	1233.0	1218.1	1188.3	1178.4
57.5°	1320.2	1318.9	1350.5	1390.3	1449.9	1475.7	1420.1	1368.6	1332.4	1296.7	1286.4
60°	1446.3	1449.5	1487.9	1552.5	1655.5	1691.2	1607.2	1521.8	1466.6	1420.1	1416.0
62.5°	1593.6	1594.0	1639.2	1726.9	1860.6	1918.0	1802.3	1686.7	1616.6	1565.6	1554.7
65°	1767.6	1770.7	1819.1	1907.6	2061.2	2132.2	1998.9	1857.9	1775.2	1706.1	1704.7
67.5°	1946.0	1944.2	1988.5	2082.5	2230.7	2296.2	2156.6	1999.3	1891.8	1805.5	1794.2
70°	2060.3	2070.3	2118.2	2208.1	2350.0	2413.7	2243.8	2054.0	1941.5	1862.4	1857.0
72.5°	1964.1	1982.6	2044.5	2193.6	2394.7	2470.1	2223.0	1997.5	1855.7	1776.1	1776.1
75°	1594.5	1625.2	1711.5	1941.1	2240.2	2370.7	2058.1	1748.1	1541.6	1456.7	1456.7
77.5°	971.4	1000.8	1117.4	1397.5	1809.1	1976.3	1677.6	1316.6	1077.6	973.7	960.1
80°	323.1	342.0	456.3	710.3	1110.6	1315.3	1124.1	747.8	482.6	367.8	366.0
82.5°	85.8	93.5	130.1	206.0	482.1	712.5	514.2	246.7	141.4	109.8	101.2
85°	29.8	32.1	55.1	68.7	122.4	235.9	143.2	89.5	68.7	41.6	38.9
87.5°	8.6	9.5	22.1	23.9	35.2	27.6	38.9	35.7	32.5	13.6	12.2
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)