

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: P672439

Luminaire Tested: **CCP-SA-2C-827-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672439
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-827-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5WQ
distribution lens
Light Source: (32) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6966.1 lumens
Efficiency: N/A
Efficacy: 112.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 62.1
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

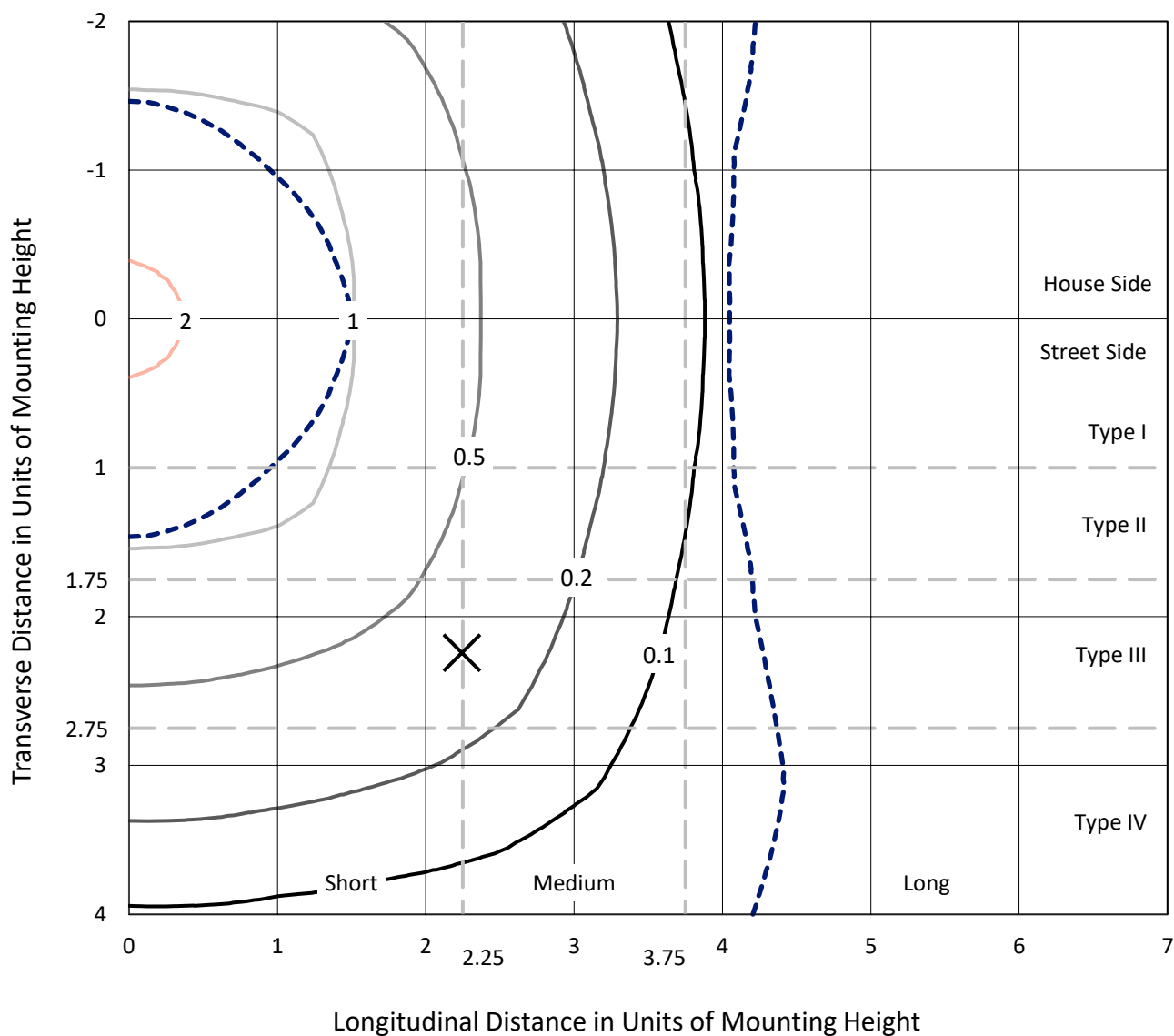
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



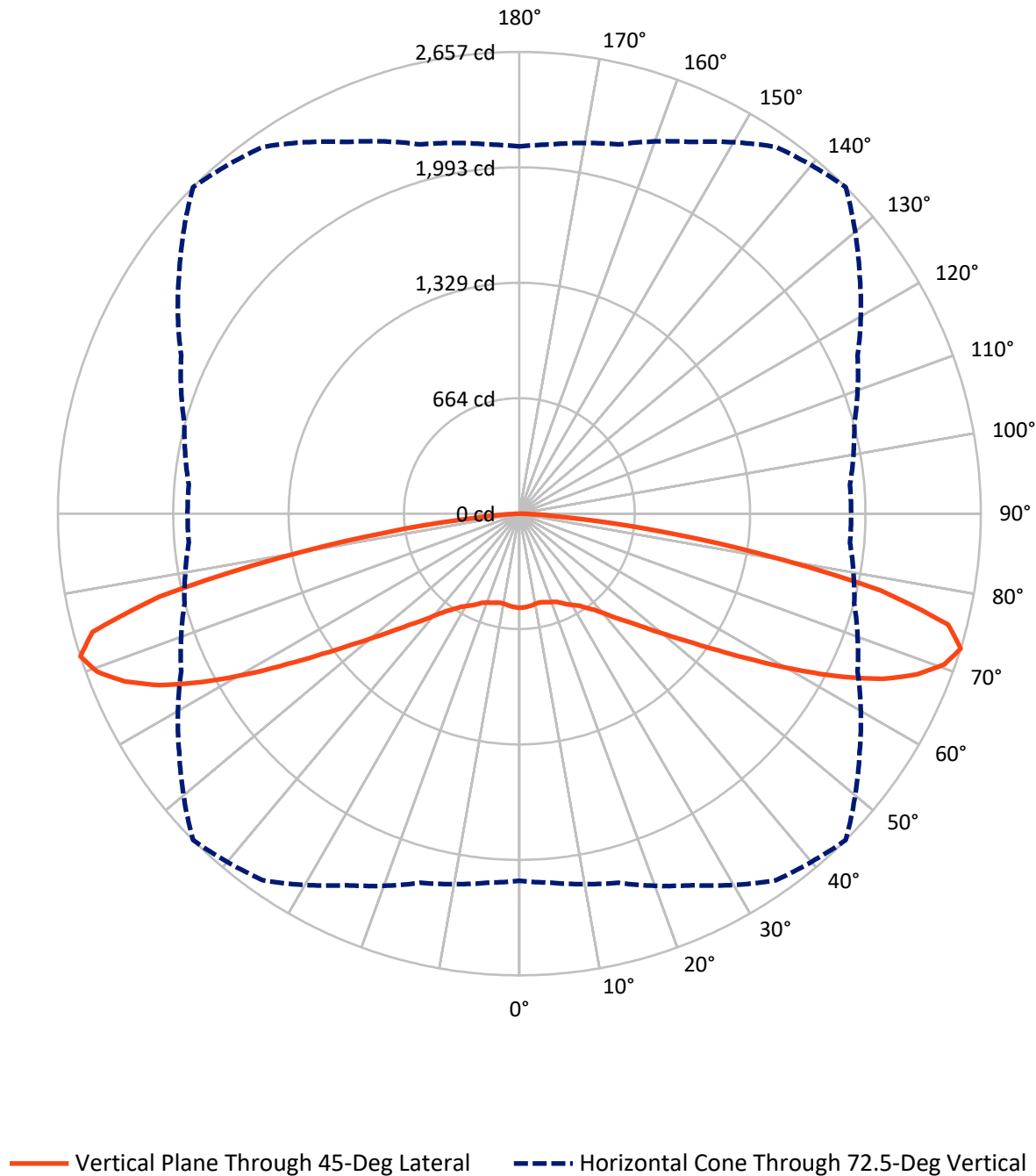
Based on 15 foot mounting height. Maximum calculated value = 2.4 fc

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	3483.1	0.0	3483.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3483.1	0.0	3483.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	6966.1	0.0	6966.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.9	0.7
10°-20°	151.3	2.2
20°-30°	265.8	3.8
30°-40°	424.0	6.1
40°-50°	709.0	10.2
50°-60°	1213.3	17.4
60°-70°	2003.0	28.8
70°-80°	1919.8	27.6
80°-90°	228.9	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°	6966.1	100.0
0°-180°	6966.1	100.0



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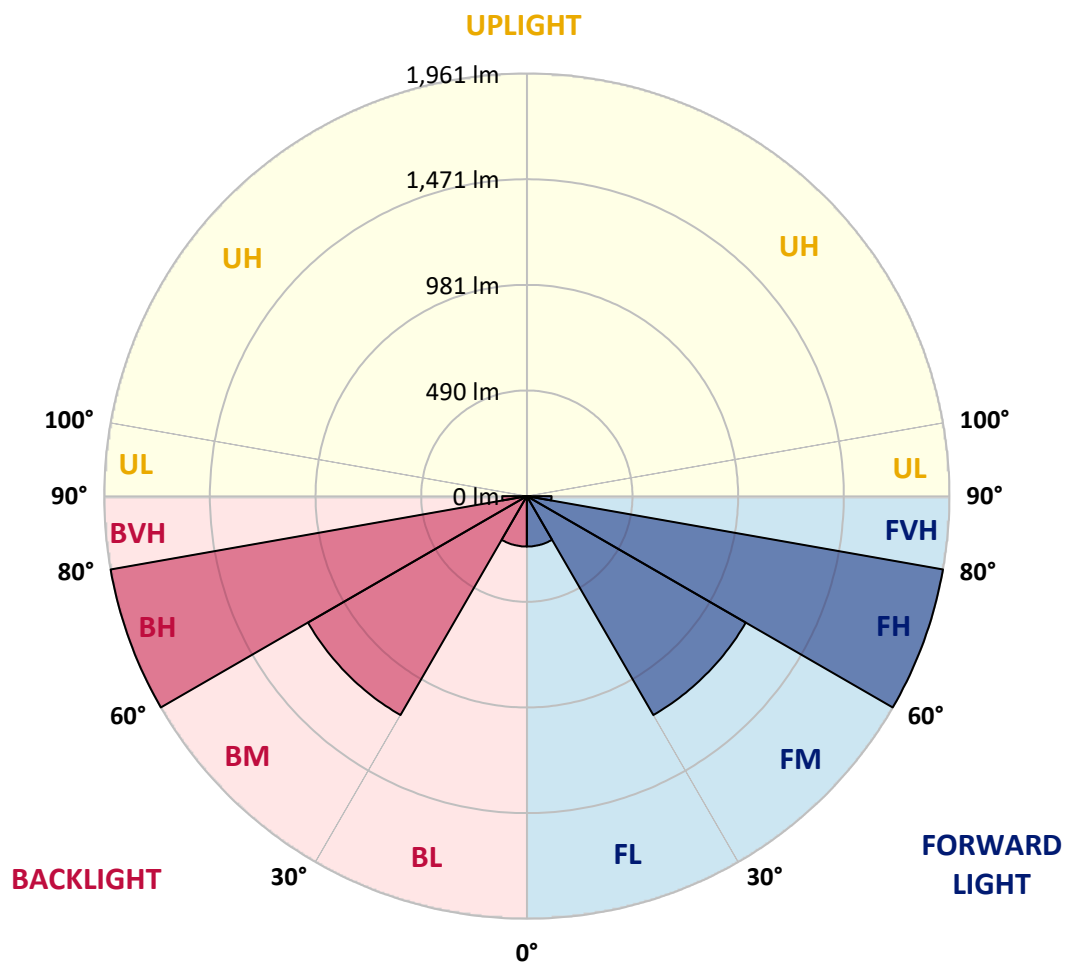
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	234.0	3.4			
FM	(30°-60°)	1173.2	16.8			
FH	(60°-80°)	1961.4	28.2			G2/5000
FVH	(80°-90°)	114.5	1.6			G2/225
BL	(0°-30°)	234.0	3.4	B1/500		
BM	(30°-60°)	1173.2	16.8	B2/2500		
BH	(60°-80°)	1961.4	28.2	B3/2500		G2/5000
BVH	(80°-90°)	114.5	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°	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5
2.5°	539.1	539.1	540.5	541.0	540.5	540.0	539.5	539.1	540.5	540.0	540.5
5°	537.6	537.6	538.1	538.6	537.6	537.1	536.1	535.7	536.6	536.6	537.6
7.5°	533.7	533.2	533.7	534.2	532.7	532.3	530.8	530.8	530.8	530.3	531.3
10°	530.3	529.3	529.3	528.4	525.9	526.4	524.5	525.9	528.4	528.9	529.3
12.5°	531.8	530.8	529.8	527.4	524.0	524.5	524.0	525.5	528.9	530.8	532.3
15°	538.6	537.6	535.2	530.8	528.9	528.9	527.9	528.4	533.2	536.1	537.6
17.5°	545.9	543.9	539.5	536.6	534.7	536.1	532.7	532.3	536.1	540.5	542.0
20°	551.7	550.2	544.9	541.5	541.5	543.0	539.5	537.6	542.0	547.3	548.8
22.5°	561.9	560.9	555.6	552.2	552.2	552.7	550.7	549.3	554.1	559.5	560.9
25°	576.5	576.5	571.1	569.7	569.2	570.2	567.7	566.3	570.7	574.5	576.0
27.5°	593.5	592.0	587.7	586.7	588.6	592.0	587.7	583.8	587.2	590.6	591.1
30°	611.5	611.5	607.6	607.6	609.1	610.5	606.6	602.7	606.1	610.0	610.5
32.5°	636.8	635.3	633.8	634.3	633.8	631.9	630.0	629.5	632.4	634.8	635.8
35°	667.9	667.4	665.4	666.4	666.4	666.4	660.6	658.6	663.5	665.4	664.5
37.5°	716.0	715.5	710.6	707.7	704.3	702.9	695.6	695.1	706.8	712.6	711.6
40°	774.8	772.9	768.5	763.6	759.3	756.3	749.0	754.4	766.5	770.9	770.9
42.5°	839.0	836.5	831.7	829.3	826.3	823.4	813.7	816.1	830.7	835.1	830.2
45°	917.7	914.3	909.0	903.6	899.2	893.4	888.6	891.0	906.5	911.9	908.0
47.5°	1001.3	1000.4	996.0	991.6	987.7	983.8	977.5	981.9	995.5	994.5	986.7
50°	1089.8	1091.7	1092.2	1096.6	1093.7	1094.2	1082.5	1080.1	1090.8	1084.4	1074.7
52.5°	1185.1	1188.0	1198.2	1206.9	1223.0	1224.9	1210.3	1194.8	1192.8	1176.3	1166.1
55°	1295.4	1294.9	1317.3	1341.6	1377.1	1388.2	1355.7	1326.5	1310.5	1278.4	1267.7
57.5°	1420.3	1418.9	1452.9	1495.7	1559.8	1587.5	1527.7	1472.3	1433.4	1395.0	1383.9
60°	1555.9	1559.3	1600.7	1670.2	1781.0	1819.4	1729.0	1637.1	1577.8	1527.7	1523.4
62.5°	1714.4	1714.9	1763.5	1857.8	2001.7	2063.4	1939.0	1814.5	1739.2	1684.3	1672.6
65°	1901.5	1904.9	1957.0	2052.2	2217.5	2293.8	2150.4	1998.8	1909.8	1835.4	1834.0
67.5°	2093.5	2091.6	2139.2	2240.3	2399.8	2470.3	2320.1	2150.9	2035.2	1942.4	1930.2
70°	2216.5	2227.2	2278.7	2375.5	2528.1	2596.6	2413.9	2209.7	2088.7	2003.6	1997.8
72.5°	2113.0	2132.9	2199.5	2359.9	2576.2	2657.4	2391.5	2149.0	1996.3	1910.8	1910.8
75°	1715.4	1748.4	1841.3	2088.2	2410.0	2550.5	2214.1	1880.6	1658.5	1567.1	1567.1
77.5°	1045.1	1076.7	1202.1	1503.4	1946.3	2126.1	1804.8	1416.4	1159.3	1047.5	1032.9
80°	347.5	368.0	490.9	764.1	1194.8	1415.0	1209.4	804.5	519.1	395.7	393.7
82.5°	92.4	100.6	140.0	221.7	518.6	766.5	553.2	265.4	152.1	118.1	108.9
85°	32.1	34.5	59.3	73.9	131.7	253.7	154.1	96.2	73.9	44.7	41.8
87.5°	9.2	10.2	23.8	25.8	37.9	29.7	41.8	38.4	35.0	14.6	13.1
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)