

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: P672433

Luminaire Tested: **CCP-SA-1C-827-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672433
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-827-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5WQ
distribution lens
Light Source: (16) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3483.5 lumens
Efficiency: N/A
Efficacy: 108.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

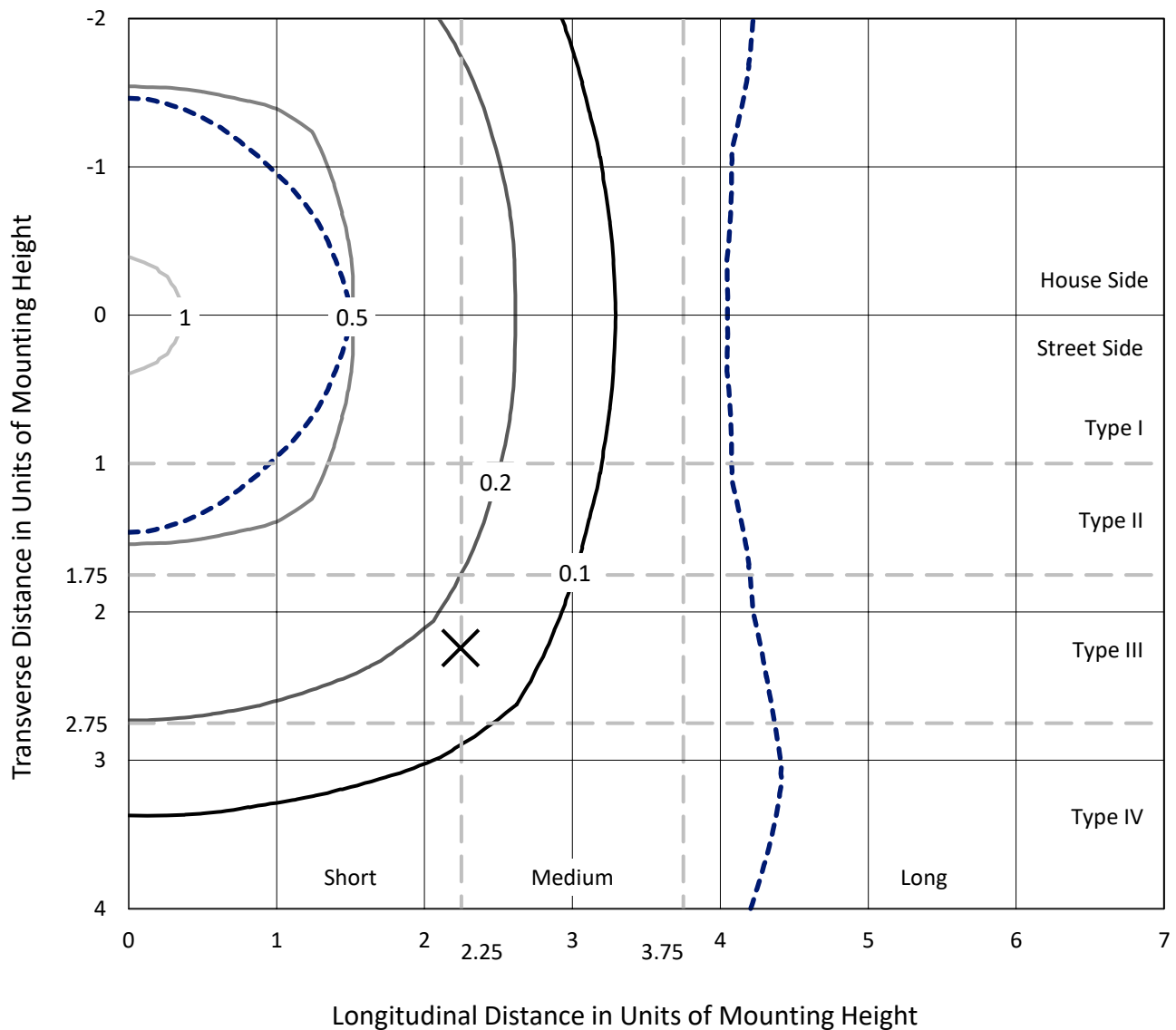
Input Watts (W): 32
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

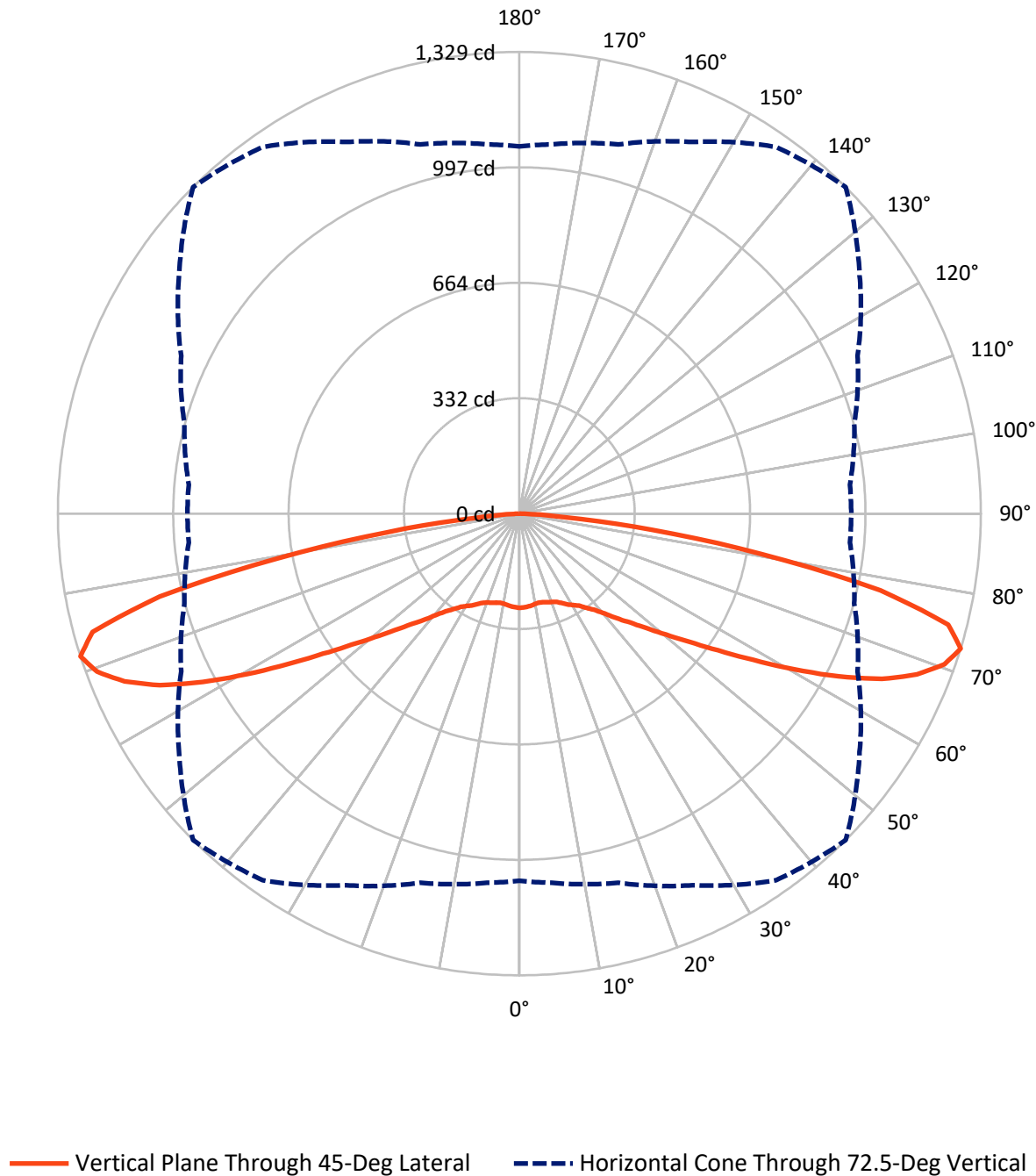
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.2 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	1741.7	0.0	1741.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1741.7	0.0	1741.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	3483.5	0.0	3483.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.5	0.7
10°-20°	75.7	2.2
20°-30°	132.9	3.8
30°-40°	212.0	6.1
40°-50°	354.6	10.2
50°-60°	606.7	17.4
60°-70°	1001.6	28.8
70°-80°	960.0	27.6
80°-90°	114.5	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°	3483.5	100.0
0°-180°	3483.5	100.0

Coefficient of Utilization



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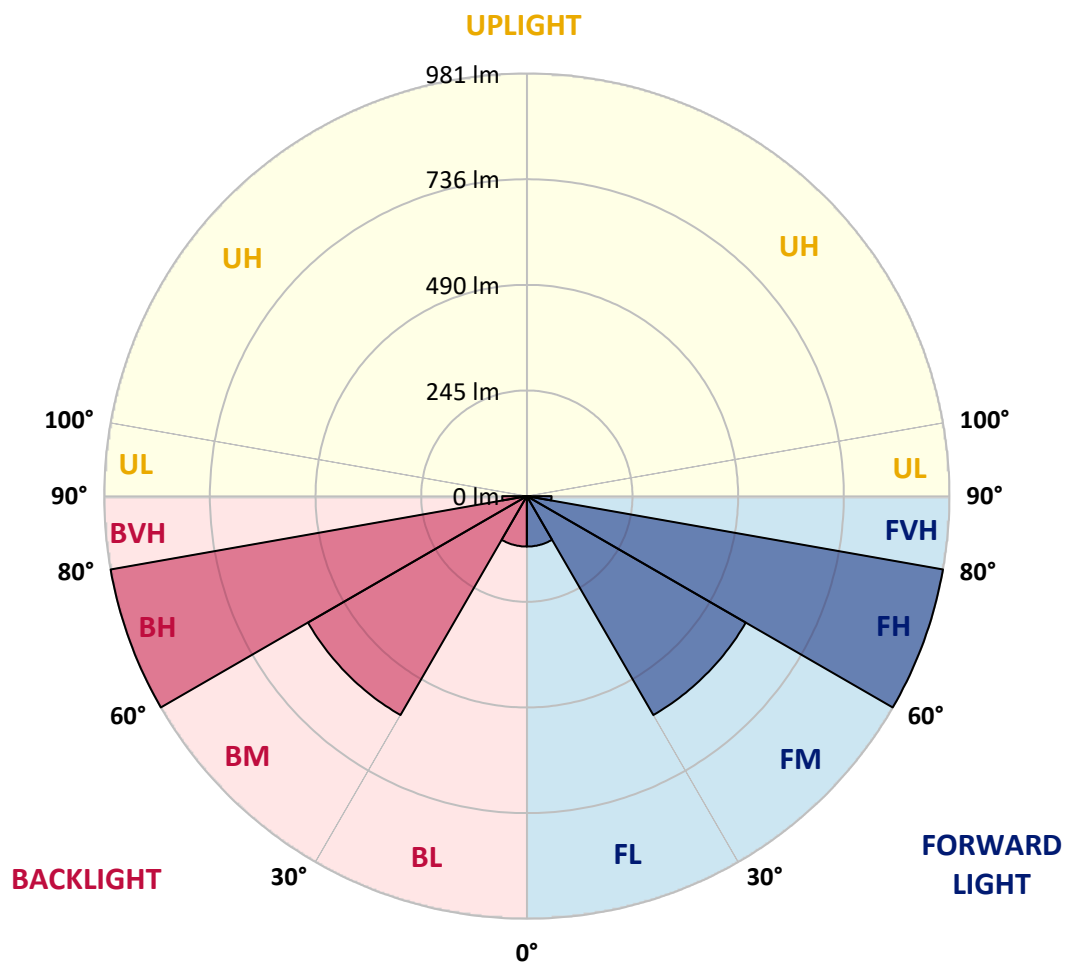
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	117.0	3.4			
FM	(30°-60°)	586.7	16.8			
FH	(60°-80°)	980.8	28.2			G1/1800
FVH	(80°-90°)	57.2	1.6			G1/100
BL	(0°-30°)	117.0	3.4	B1/500		
BM	(30°-60°)	586.7	16.8	B1/1000		
BH	(60°-80°)	980.8	28.2	B2/1000		G1/1800
BVH	(80°-90°)	57.2	1.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	271.3	271.3	271.3	271.3	271.3	271.3	271.3	271.3	271.3	271.3	271.3
2.5°	269.6	269.6	270.3	270.5	270.3	270.0	269.8	269.6	270.3	270.0	270.3
5°	268.8	268.8	269.1	269.3	268.8	268.6	268.1	267.9	268.3	268.3	268.8
7.5°	266.9	266.6	266.9	267.1	266.4	266.2	265.4	265.4	265.4	265.2	265.7
10°	265.2	264.7	264.7	264.2	263.0	263.2	262.3	263.0	264.2	264.5	264.7
12.5°	265.9	265.4	264.9	263.7	262.0	262.3	262.0	262.8	264.5	265.4	266.2
15°	269.3	268.8	267.6	265.4	264.5	264.5	264.0	264.2	266.6	268.1	268.8
17.5°	273.0	272.0	269.8	268.3	267.4	268.1	266.4	266.2	268.1	270.3	271.0
20°	275.9	275.2	272.5	270.8	270.8	271.5	269.8	268.8	271.0	273.7	274.4
22.5°	281.0	280.5	277.8	276.1	276.1	276.4	275.4	274.7	277.1	279.8	280.5
25°	288.3	288.3	285.6	284.9	284.6	285.1	283.9	283.2	285.4	287.3	288.0
27.5°	296.8	296.1	293.9	293.4	294.4	296.1	293.9	291.9	293.6	295.3	295.6
30°	305.8	305.8	303.8	303.8	304.6	305.3	303.3	301.4	303.1	305.0	305.3
32.5°	318.4	317.7	317.0	317.2	317.0	316.0	315.0	314.8	316.2	317.4	317.9
35°	334.0	333.7	332.8	333.2	333.2	333.2	330.3	329.4	331.8	332.8	332.3
37.5°	358.0	357.8	355.4	353.9	352.2	351.5	347.8	347.6	353.4	356.3	355.8
40°	387.4	386.5	384.3	381.9	379.7	378.2	374.6	377.2	383.3	385.5	385.5
42.5°	419.5	418.3	415.9	414.7	413.2	411.8	406.9	408.1	415.4	417.6	415.2
45°	458.9	457.2	454.5	451.9	449.7	446.8	444.3	445.5	453.3	456.0	454.0
47.5°	500.7	500.2	498.0	495.9	493.9	492.0	488.8	491.0	497.8	497.3	493.4
50°	545.0	545.9	546.2	548.4	546.9	547.1	541.3	540.1	545.4	542.3	537.4
52.5°	592.6	594.1	599.2	603.5	611.6	612.5	605.2	597.5	596.5	588.2	583.1
55°	647.8	647.5	658.7	670.9	688.6	694.2	677.9	663.3	655.3	639.3	633.9
57.5°	710.2	709.5	726.5	747.9	780.0	793.9	764.0	736.2	716.8	697.6	692.0
60°	778.1	779.8	800.4	835.2	890.6	909.8	864.6	818.6	789.0	764.0	761.8
62.5°	857.3	857.5	881.8	929.0	1000.9	1031.8	969.6	907.4	869.7	842.2	836.4
65°	950.9	952.6	978.6	1026.2	1108.9	1147.0	1075.3	999.5	955.0	917.8	917.1
67.5°	1046.9	1045.9	1069.7	1120.3	1200.0	1235.3	1160.2	1075.6	1017.7	971.3	965.2
70°	1108.4	1113.7	1139.5	1187.9	1264.2	1298.5	1207.1	1105.0	1044.5	1001.9	999.0
72.5°	1056.6	1066.6	1099.9	1180.1	1288.3	1328.8	1195.9	1074.6	998.3	955.5	955.5
75°	857.8	874.3	920.7	1044.2	1205.1	1275.4	1107.2	940.4	829.3	783.6	783.6
77.5°	522.6	538.4	601.1	751.8	973.2	1063.2	902.5	708.3	579.7	523.8	516.5
80°	173.8	184.0	245.5	382.1	597.5	707.6	604.7	402.3	259.6	197.9	196.9
82.5°	46.2	50.3	70.0	110.8	259.4	383.3	276.6	132.7	76.1	59.1	54.4
85°	16.0	17.3	29.7	36.9	65.9	126.9	77.1	48.1	36.9	22.4	20.9
87.5°	4.6	5.1	11.9	12.9	19.0	14.8	20.9	19.2	17.5	7.3	6.6
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)