

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: P672367

Luminaire Tested: **CCP-SA-1C-727-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672367
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-727-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5WQ
distribution lens
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3963 lumens
Efficiency: N/A
Efficacy: 123.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

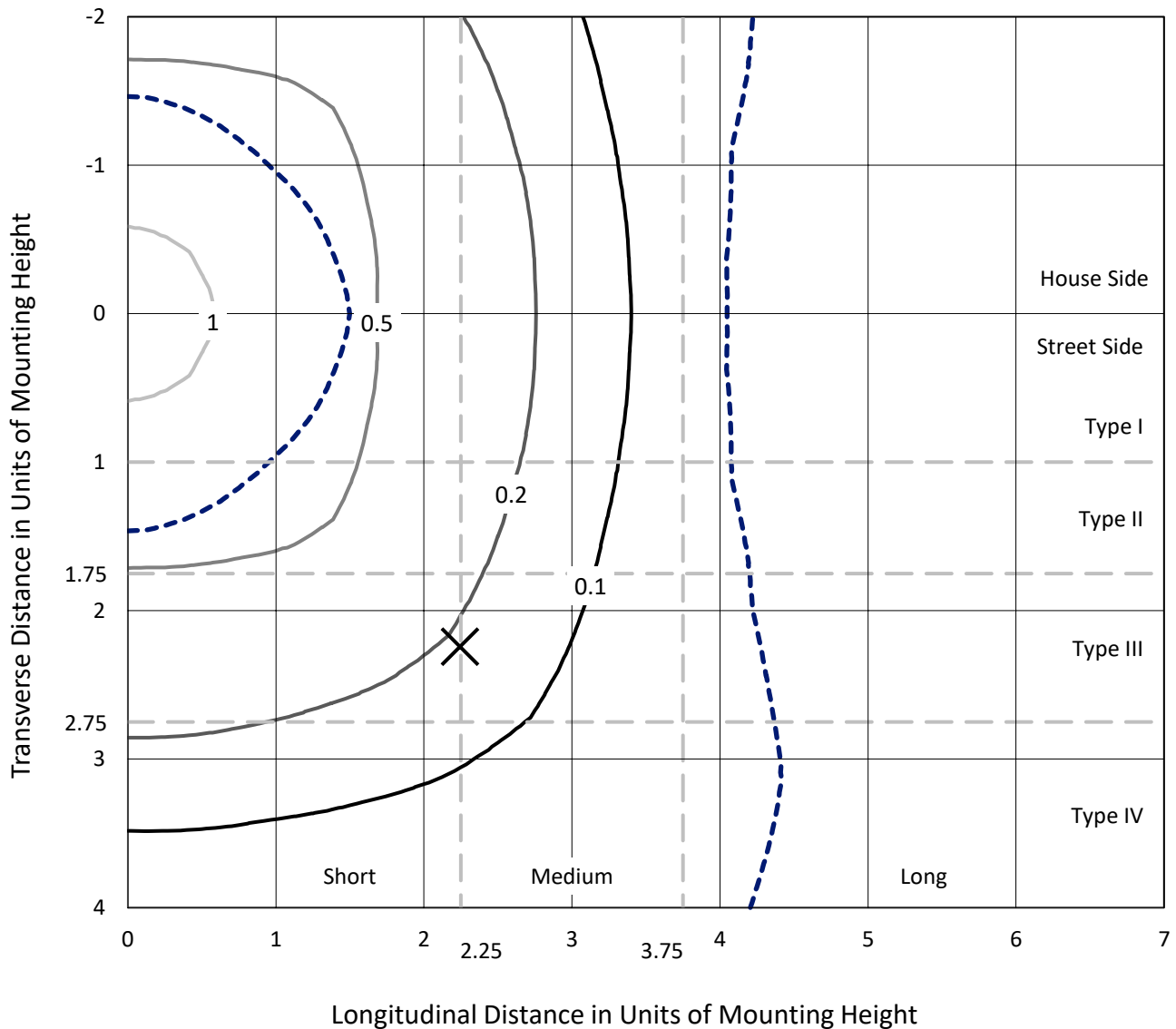
Input Watts (W): 32
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

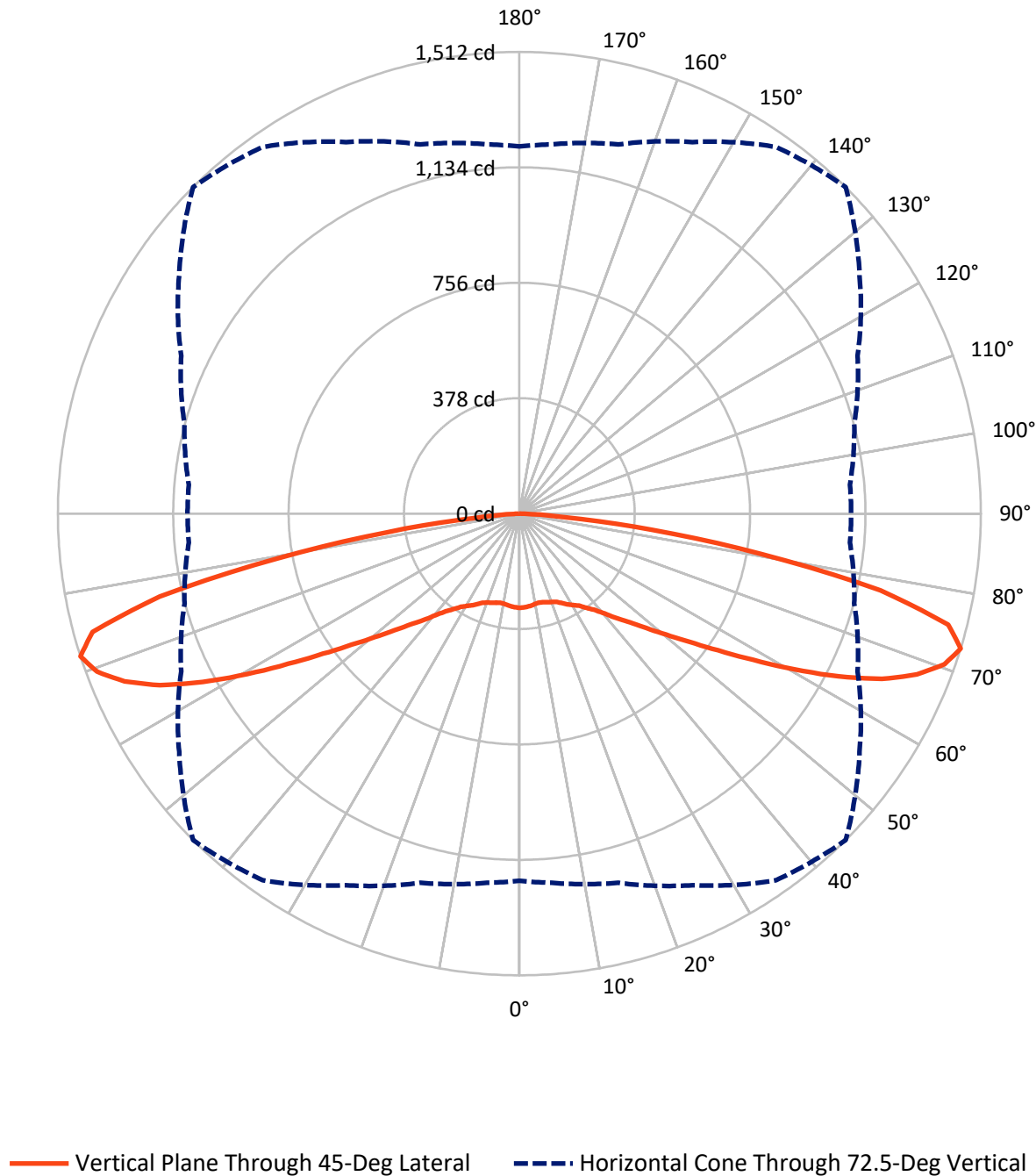
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.4 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	1981.5	0.0	1981.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1981.5	0.0	1981.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3963.0	0.0	3963.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.0	0.7
10°-20°	86.1	2.2
20°-30°	151.2	3.8
30°-40°	241.2	6.1
40°-50°	403.4	10.2
50°-60°	690.2	17.4
60°-70°	1139.5	28.8
70°-80°	1092.1	27.6
80°-90°	130.2	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°	3963.0	100.0
0°-180°	3963.0	100.0



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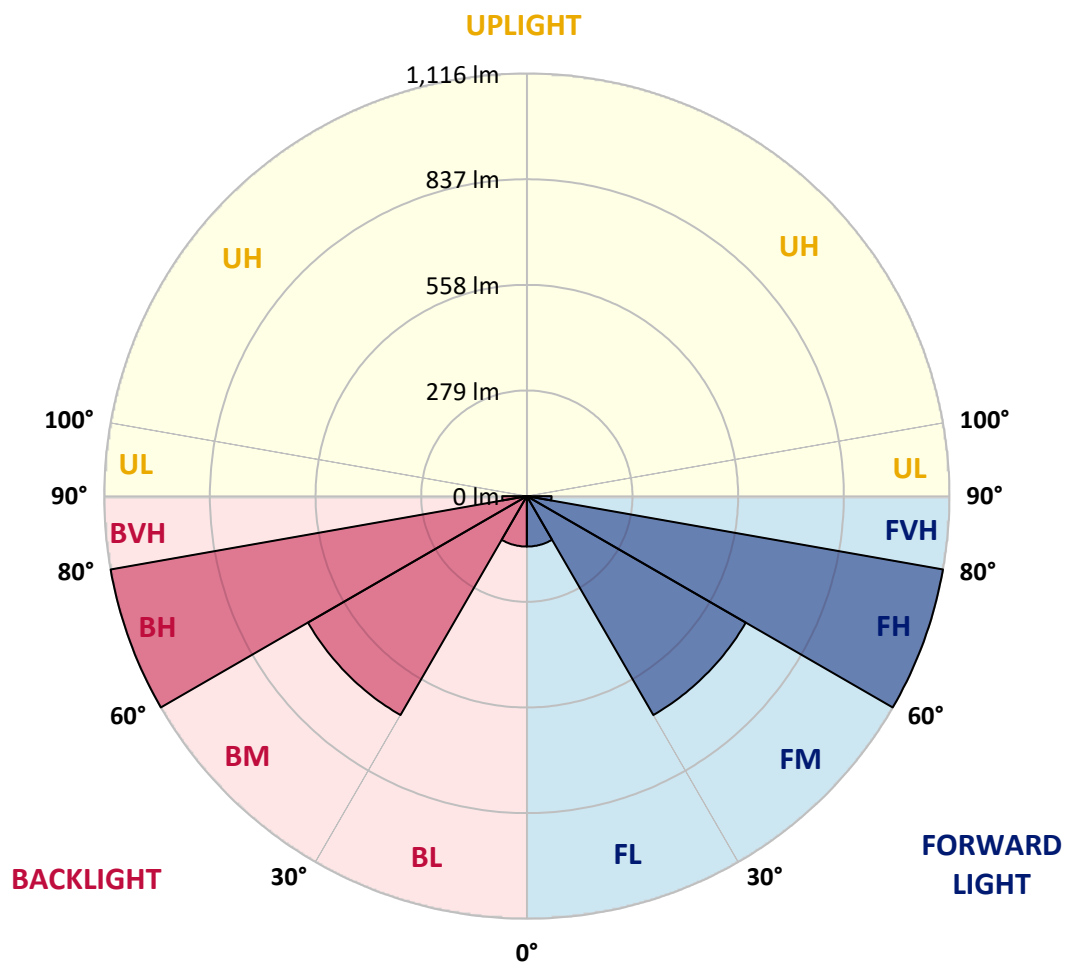
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	133.1	3.4			
FM	(30°-60°)	667.4	16.8			
FH	(60°-80°)	1115.8	28.2			G1/1800
FVH	(80°-90°)	65.1	1.6			G1/100
BL	(0°-30°)	133.1	3.4	B1/500		
BM	(30°-60°)	667.4	16.8	B1/1000		
BH	(60°-80°)	1115.8	28.2	B3/2500		G1/1800
BVH	(80°-90°)	65.1	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°	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6
2.5°	306.7	306.7	307.5	307.8	307.5	307.2	306.9	306.7	307.5	307.2	307.5
5°	305.8	305.8	306.1	306.4	305.8	305.6	305.0	304.7	305.3	305.3	305.8
7.5°	303.6	303.4	303.6	303.9	303.1	302.8	302.0	302.0	302.0	301.7	302.2
10°	301.7	301.1	301.1	300.6	299.2	299.5	298.4	299.2	300.6	300.9	301.1
12.5°	302.5	302.0	301.4	300.0	298.1	298.4	298.1	298.9	300.9	302.0	302.8
15°	306.4	305.8	304.5	302.0	300.9	300.9	300.3	300.6	303.4	305.0	305.8
17.5°	310.5	309.4	306.9	305.3	304.2	305.0	303.1	302.8	305.0	307.5	308.3
20°	313.9	313.0	310.0	308.1	308.1	308.9	306.9	305.8	308.3	311.4	312.2
22.5°	319.7	319.1	316.1	314.1	314.1	314.4	313.3	312.5	315.2	318.3	319.1
25°	328.0	328.0	324.9	324.1	323.8	324.4	323.0	322.2	324.6	326.9	327.7
27.5°	337.6	336.8	334.3	333.8	334.9	336.8	334.3	332.1	334.0	336.0	336.3
30°	347.9	347.9	345.7	345.7	346.5	347.3	345.1	342.9	344.8	347.0	347.3
32.5°	362.3	361.4	360.6	360.9	360.6	359.5	358.4	358.1	359.8	361.1	361.7
35°	380.0	379.7	378.6	379.1	379.1	379.1	375.8	374.7	377.5	378.6	378.0
37.5°	407.3	407.1	404.3	402.6	400.7	399.9	395.7	395.4	402.1	405.4	404.8
40°	440.8	439.7	437.2	434.4	431.9	430.3	426.1	429.2	436.1	438.6	438.6
42.5°	477.3	475.9	473.1	471.8	470.1	468.4	462.9	464.3	472.6	475.1	472.3
45°	522.1	520.2	517.1	514.1	511.6	508.3	505.5	506.9	515.7	518.8	516.6
47.5°	569.6	569.1	566.6	564.1	561.9	559.7	556.1	558.6	566.3	565.8	561.4
50°	620.0	621.1	621.4	623.8	622.2	622.5	615.8	614.4	620.5	616.9	611.4
52.5°	674.2	675.8	681.6	686.6	695.7	696.9	688.6	679.7	678.6	669.2	663.4
55°	737.0	736.7	749.4	763.2	783.4	789.8	771.2	754.6	745.5	727.3	721.2
57.5°	808.0	807.2	826.5	850.9	887.4	903.1	869.1	837.6	815.5	793.6	787.3
60°	885.2	887.1	910.6	950.2	1013.2	1035.0	983.6	931.4	897.6	869.1	866.6
62.5°	975.3	975.6	1003.2	1056.9	1138.7	1173.9	1103.1	1032.3	989.4	958.2	951.5
65°	1081.8	1083.7	1113.3	1167.5	1261.5	1304.9	1223.4	1137.1	1086.5	1044.2	1043.3
67.5°	1191.0	1189.9	1217.0	1274.5	1365.2	1405.3	1319.9	1223.6	1157.8	1105.0	1098.1
70°	1261.0	1267.1	1296.4	1351.4	1438.2	1477.2	1373.2	1257.1	1188.2	1139.9	1136.5
72.5°	1202.1	1213.4	1251.3	1342.5	1465.6	1511.8	1360.5	1222.5	1135.7	1087.0	1087.0
75°	975.9	994.7	1047.5	1188.0	1371.0	1450.9	1259.6	1069.9	943.5	891.5	891.5
77.5°	594.5	612.5	683.9	855.3	1107.2	1209.5	1026.8	805.8	659.5	595.9	587.6
80°	197.7	209.3	279.3	434.7	679.7	805.0	688.0	457.7	295.3	225.1	224.0
82.5°	52.5	57.2	79.6	126.1	295.1	436.1	314.7	151.0	86.6	67.2	61.9
85°	18.3	19.6	33.7	42.0	74.9	144.3	87.7	54.8	42.0	25.4	23.8
87.5°	5.3	5.8	13.5	14.7	21.6	16.9	23.8	21.8	19.9	8.3	7.5
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)