

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: P672743

Luminaire Tested: **CCP-SA-1C-835-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672743
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-835-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5NQ
distribution lens
Light Source: (16) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3876.9 lumens
Efficiency: N/A
Efficacy: 121.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

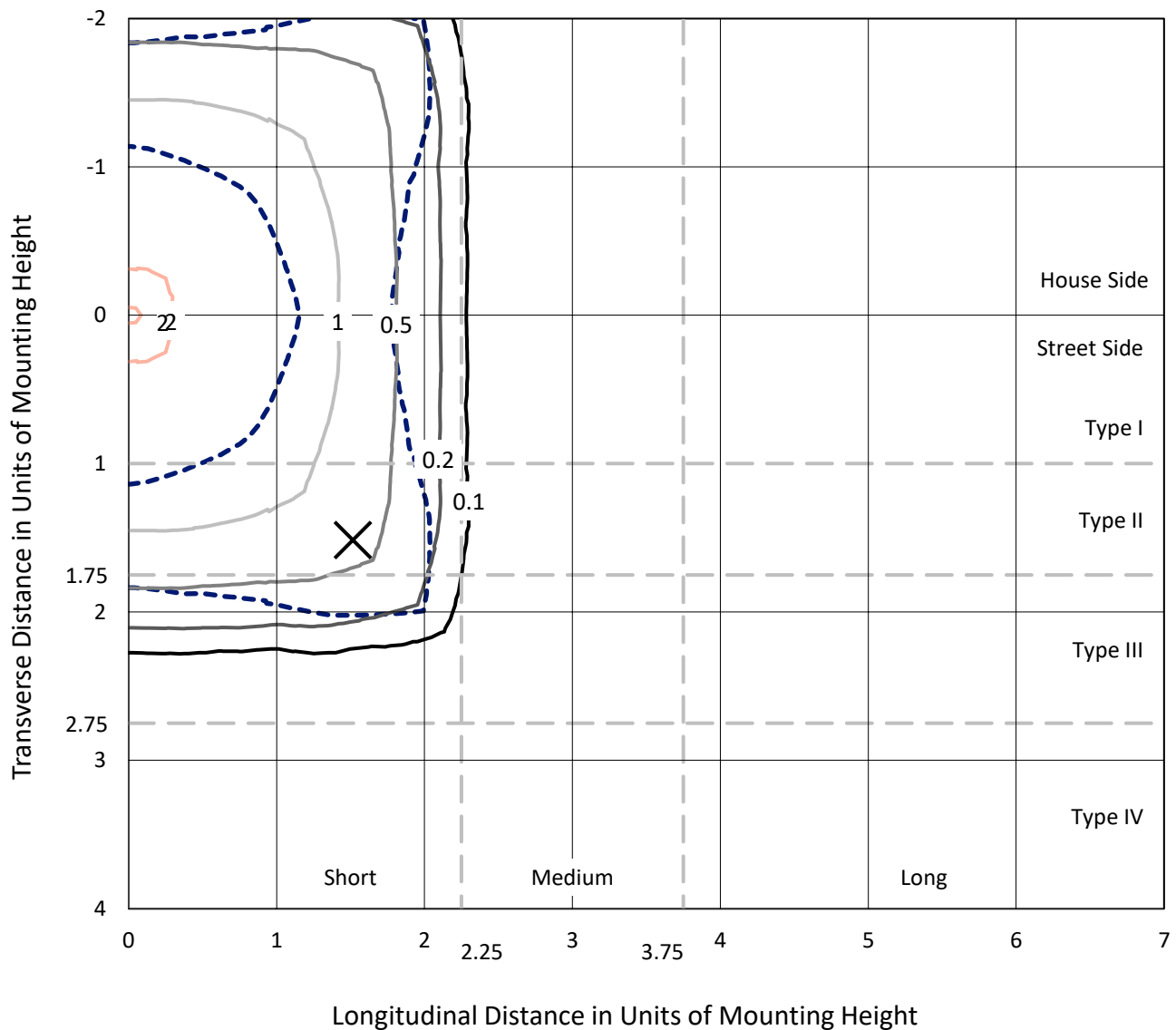
Input Watts (W): 32
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

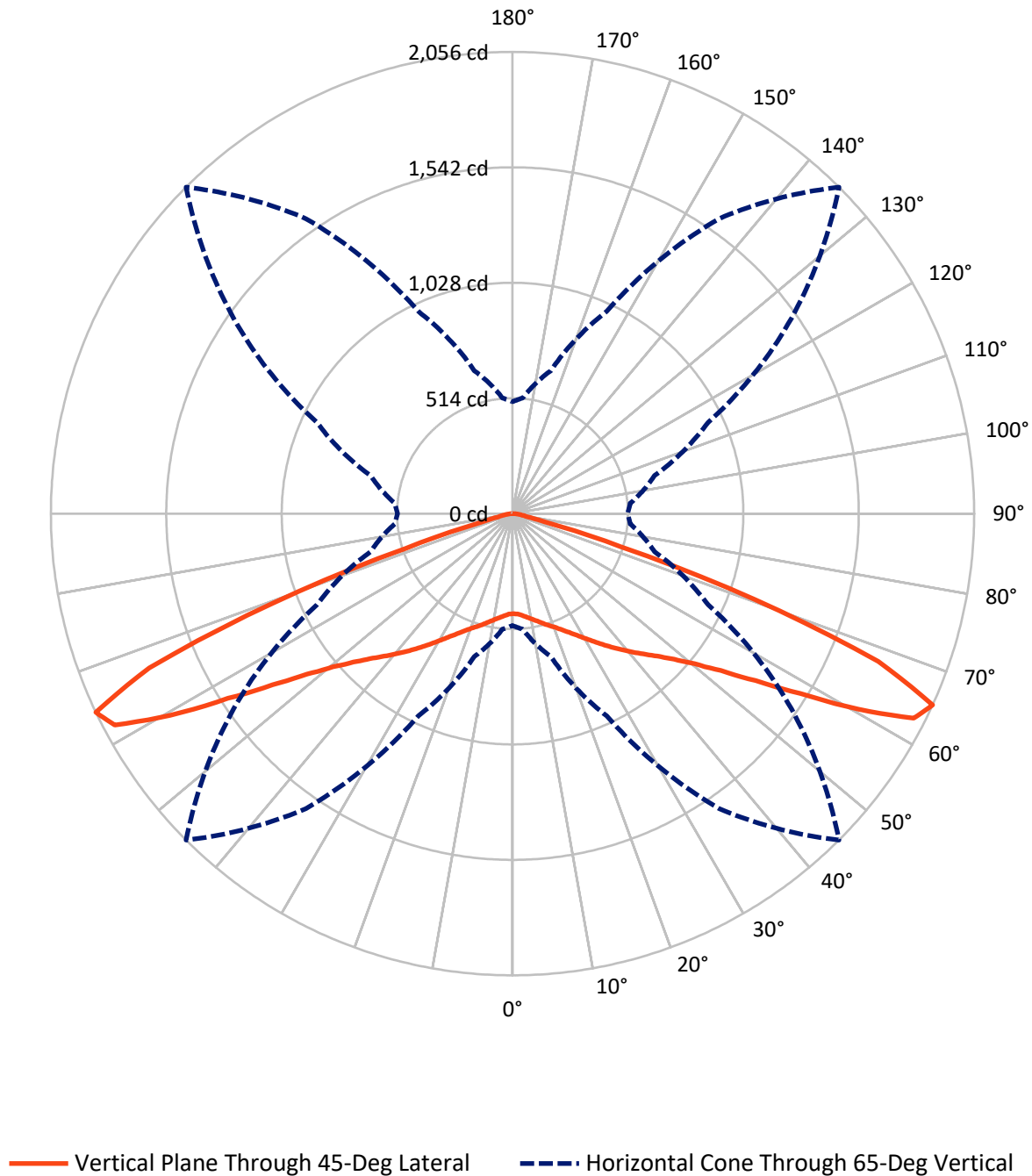
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 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	1938.4	0.0	1938.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1938.4	0.0	1938.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	3876.9	0.0	3876.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.1	1.1
10°-20°	144.1	3.7
20°-30°	273.4	7.1
30°-40°	458.4	11.8
40°-50°	725.4	18.7
50°-60°	1139.6	29.4
60°-70°	962.9	24.8
70°-80°	112.1	2.9
80°-90°	16.7	0.4
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°	3876.9	100.0
0°-180°	3876.9	100.0

Coefficient of Utilization



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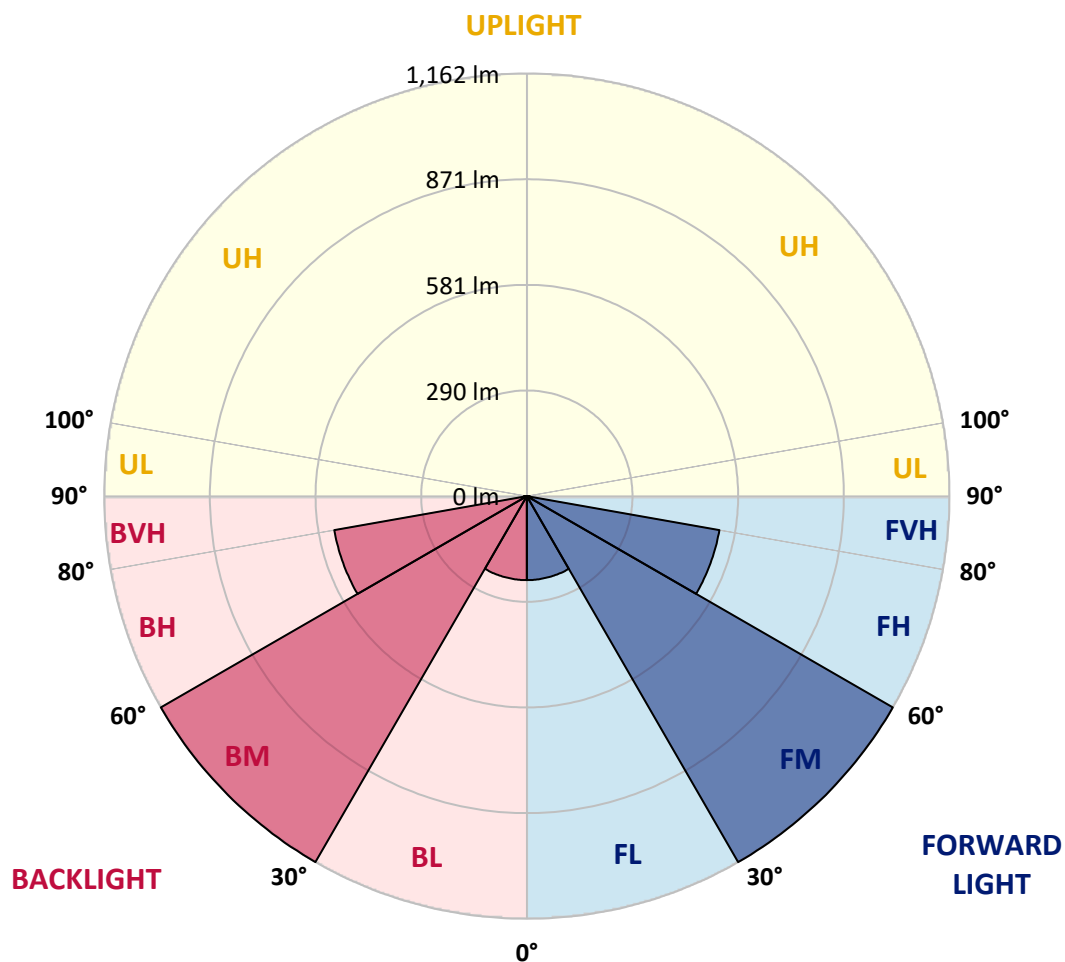
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	230.8	6.0			
FM	(30°-60°)	1161.8	30.0			
FH	(60°-80°)	537.5	13.9			G0/660
FVH	(80°-90°)	8.4	0.2			G0/10
BL	(0°-30°)	230.8	6.0	B1/500		
BM	(30°-60°)	1161.8	30.0	B2/2500		
BH	(60°-80°)	537.5	13.9	B2/1000		G0/660
BVH	(80°-90°)	8.4	0.2			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	445.8	445.8	445.8	445.8	445.8	445.8	445.8	445.8	445.8	445.8	445.8
2.5°	448.2	446.9	448.2	448.2	447.4	447.7	446.6	446.3	447.7	446.6	446.3
5°	457.5	456.4	457.5	456.7	455.3	455.6	453.9	453.4	455.0	453.4	453.7
7.5°	468.1	466.2	466.8	467.6	466.2	466.2	464.8	464.0	464.8	463.2	464.3
10°	477.1	475.5	476.3	477.4	477.1	477.9	476.6	476.0	475.2	473.3	474.9
12.5°	488.8	488.3	489.4	490.7	490.2	491.3	488.3	487.5	487.2	485.0	486.9
15°	504.1	502.7	504.6	506.3	505.4	507.3	504.9	503.8	502.4	499.7	501.4
17.5°	519.3	518.2	521.0	521.8	522.1	523.7	521.8	520.2	519.6	517.7	516.6
20°	537.6	536.2	538.4	540.0	538.7	540.6	539.8	538.7	538.1	535.1	534.9
22.5°	558.0	556.1	559.4	561.3	559.4	561.3	559.7	559.4	559.7	555.3	555.9
25°	580.9	581.2	584.5	585.8	584.7	585.8	583.4	585.0	584.2	579.6	577.9
27.5°	610.3	609.3	612.8	616.9	614.2	614.2	613.1	614.7	614.4	610.1	609.0
30°	644.7	644.4	649.6	652.0	648.2	646.6	646.3	650.4	650.7	646.0	644.1
32.5°	680.6	680.6	686.9	689.9	684.5	683.4	682.3	687.7	686.9	680.6	676.6
35°	720.2	718.5	727.0	731.3	725.9	722.6	722.1	727.0	725.9	717.2	712.3
37.5°	759.1	760.2	770.0	774.9	768.4	764.3	765.7	768.9	769.2	759.7	754.5
40°	806.8	807.1	819.3	823.1	814.7	808.4	810.3	817.7	817.2	805.4	798.9
42.5°	860.2	859.1	874.4	877.6	866.2	854.2	859.9	871.4	874.1	861.0	854.2
45°	917.4	919.1	934.9	938.4	920.4	905.2	917.4	934.6	938.1	924.0	915.5
47.5°	986.9	988.8	1007.9	1009.2	988.8	968.9	985.3	1007.6	1009.0	989.4	979.5
50°	1066.2	1072.7	1094.0	1096.7	1076.6	1050.9	1074.4	1094.3	1089.1	1062.9	1053.9
52.5°	1156.1	1161.3	1194.5	1206.0	1188.3	1160.7	1179.5	1191.8	1175.2	1140.9	1127.0
55°	1232.7	1241.4	1285.5	1320.4	1333.8	1313.1	1310.9	1292.9	1246.6	1194.3	1179.8
57.5°	1254.2	1262.7	1331.0	1421.0	1500.3	1510.6	1462.6	1372.5	1272.7	1192.1	1177.4
60°	1166.7	1178.2	1278.2	1448.5	1676.0	1769.7	1596.4	1379.3	1204.9	1096.7	1078.2
62.5°	916.3	937.6	1066.7	1333.8	1746.8	2005.7	1651.5	1261.8	1000.3	872.5	847.9
65°	498.4	516.6	659.1	994.0	1603.2	2056.1	1516.6	960.7	654.2	525.9	512.5
67.5°	186.9	200.3	265.7	491.3	1133.5	1757.7	1151.2	550.1	297.0	213.1	194.3
70°	79.6	81.2	96.2	171.1	515.3	1143.6	589.4	186.9	99.2	80.1	77.9
72.5°	57.2	57.5	61.6	75.7	156.9	501.6	178.2	78.5	60.5	54.5	54.5
75°	45.8	46.0	48.5	54.8	74.1	147.7	76.8	55.0	46.9	42.8	42.2
77.5°	36.0	36.5	39.0	42.8	49.6	67.6	52.0	43.3	37.6	33.8	33.2
80°	26.7	27.5	30.8	32.7	34.9	45.0	37.9	33.8	30.0	25.9	25.1
82.5°	17.7	18.5	22.9	24.3	24.0	28.3	26.2	25.9	22.9	17.2	16.3
85°	10.6	11.2	14.7	15.8	14.7	13.9	16.6	18.0	16.1	11.2	10.4
87.5°	4.6	4.6	6.5	6.8	6.5	5.2	7.9	9.3	9.5	5.7	5.2
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)