

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: P672387

Luminaire Tested: **CCP-SA-1A-735-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672387
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-735-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5WQ
distribution lens
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2828.1 lumens
Efficiency: N/A
Efficacy: 157.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

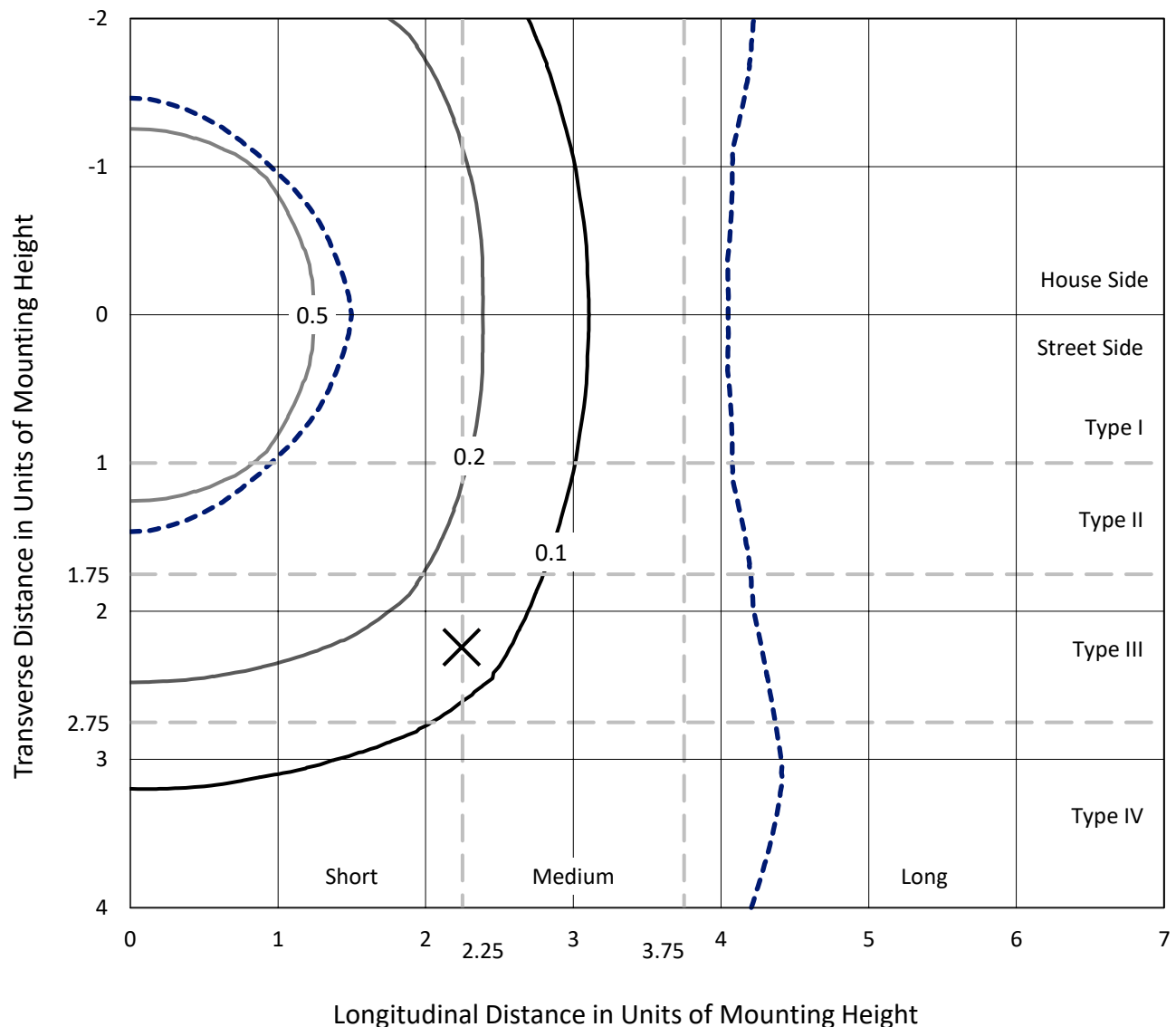
Input Watts (W): 18
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

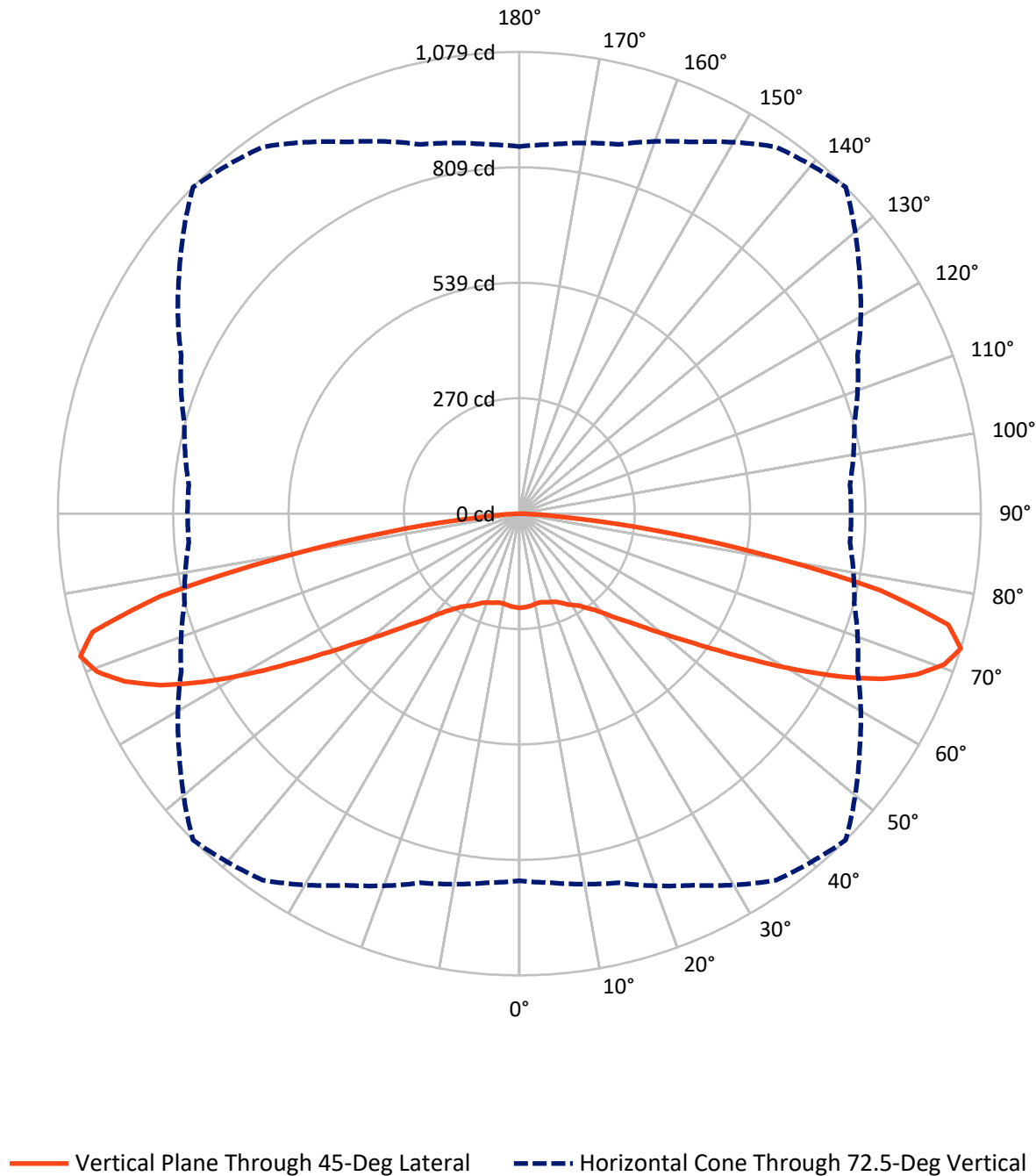


Based on 15 foot mounting height. Maximum calculated value = 1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1414.1	0.0	1414.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1414.1	0.0	1414.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	2828.1	0.0	2828.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.7	0.7
10°-20°	61.4	2.2
20°-30°	107.9	3.8
30°-40°	172.2	6.1
40°-50°	287.9	10.2
50°-60°	492.6	17.4
60°-70°	813.2	28.8
70°-80°	779.4	27.6
80°-90°	93.0	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°	2828.1	100.0
0°-180°	2828.1	100.0

Coefficient of Utilization



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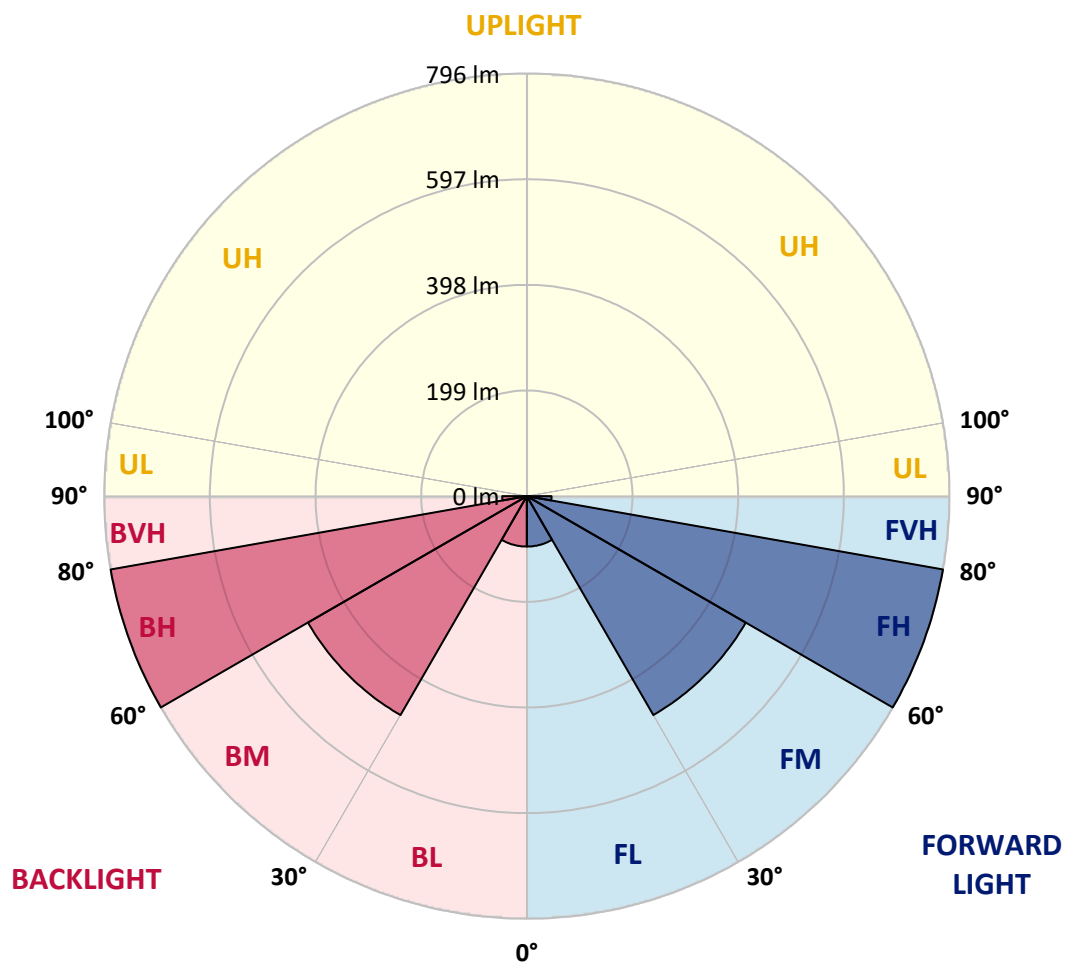
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	95.0	3.4			
FM	(30°-60°)	476.3	16.8			
FH	(60°-80°)	796.3	28.2			G1/1800
FVH	(80°-90°)	46.5	1.6			G1/100
BL	(0°-30°)	95.0	3.4	B0/110		
BM	(30°-60°)	476.3	16.8	B1/1000		
BH	(60°-80°)	796.3	28.2	B2/1000		G1/1800
BVH	(80°-90°)	46.5	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°	220.2	220.2	220.2	220.2	220.2	220.2	220.2	220.2	220.2	220.2	220.2
2.5°	218.8	218.8	219.4	219.6	219.4	219.2	219.0	218.8	219.4	219.2	219.4
5°	218.3	218.3	218.5	218.7	218.3	218.1	217.7	217.5	217.9	217.9	218.3
7.5°	216.7	216.5	216.7	216.9	216.3	216.1	215.5	215.5	215.5	215.3	215.7
10°	215.3	214.9	214.9	214.5	213.5	213.7	212.9	213.5	214.5	214.7	214.9
12.5°	215.9	215.5	215.1	214.1	212.7	212.9	212.7	213.3	214.7	215.5	216.1
15°	218.7	218.3	217.3	215.5	214.7	214.7	214.3	214.5	216.5	217.7	218.3
17.5°	221.6	220.8	219.0	217.9	217.1	217.7	216.3	216.1	217.7	219.4	220.0
20°	224.0	223.4	221.2	219.8	219.8	220.4	219.0	218.3	220.0	222.2	222.8
22.5°	228.1	227.7	225.6	224.2	224.2	224.4	223.6	223.0	225.0	227.1	227.7
25°	234.0	234.0	231.9	231.3	231.1	231.5	230.5	229.9	231.7	233.3	233.8
27.5°	241.0	240.4	238.6	238.2	239.0	240.4	238.6	237.0	238.4	239.8	240.0
30°	248.3	248.3	246.7	246.7	247.3	247.9	246.3	244.7	246.1	247.7	247.9
32.5°	258.5	257.9	257.3	257.5	257.3	256.5	255.8	255.6	256.7	257.7	258.1
35°	271.1	270.9	270.2	270.6	270.6	270.6	268.2	267.4	269.4	270.2	269.8
37.5°	290.7	290.5	288.5	287.3	285.9	285.4	282.4	282.2	286.9	289.3	288.9
40°	314.6	313.8	312.0	310.0	308.2	307.1	304.1	306.3	311.2	313.0	313.0
42.5°	340.6	339.6	337.6	336.7	335.5	334.3	330.3	331.3	337.3	339.0	337.1
45°	372.6	371.2	369.0	366.9	365.1	362.7	360.7	361.7	368.0	370.2	368.6
47.5°	406.5	406.1	404.3	402.6	401.0	399.4	396.9	398.6	404.2	403.8	400.6
50°	442.4	443.2	443.4	445.2	444.0	444.2	439.5	438.5	442.8	440.3	436.3
52.5°	481.1	482.3	486.4	490.0	496.5	497.3	491.4	485.1	484.3	477.6	473.4
55°	525.9	525.7	534.8	544.7	559.1	563.6	550.4	538.5	532.0	519.0	514.7
57.5°	576.6	576.0	589.8	607.2	633.3	644.5	620.2	597.7	582.0	566.4	561.8
60°	631.7	633.1	649.8	678.1	723.1	738.6	701.9	664.6	640.6	620.2	618.5
62.5°	696.0	696.2	715.9	754.2	812.6	837.7	787.2	736.7	706.1	683.8	679.0
65°	772.0	773.4	794.5	833.2	900.3	931.2	873.0	811.5	775.3	745.2	744.6
67.5°	849.9	849.2	868.5	909.5	974.3	1002.9	941.9	873.2	826.3	788.6	783.6
70°	899.9	904.2	925.1	964.4	1026.4	1054.2	980.0	897.1	848.0	813.4	811.1
72.5°	857.8	865.9	893.0	958.1	1045.9	1078.9	970.9	872.4	810.5	775.7	775.7
75°	696.4	709.8	747.5	847.8	978.4	1035.4	898.9	763.5	673.3	636.2	636.2
77.5°	424.3	437.1	488.0	610.4	790.1	863.2	732.7	575.0	470.7	425.3	419.3
80°	141.1	149.4	199.3	310.2	485.1	574.5	491.0	326.6	210.8	160.6	159.8
82.5°	37.5	40.8	56.8	90.0	210.6	311.2	224.6	107.7	61.8	48.0	44.2
85°	13.0	14.0	24.1	30.0	53.5	103.0	62.6	39.1	30.0	18.2	17.0
87.5°	3.7	4.1	9.7	10.5	15.4	12.0	17.0	15.6	14.2	5.9	5.3
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)