

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: P672354

Luminaire Tested: **CCP-SA-1A-722-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672354
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-722-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5WQ
distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2112.1 lumens
Efficiency: N/A
Efficacy: 117.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

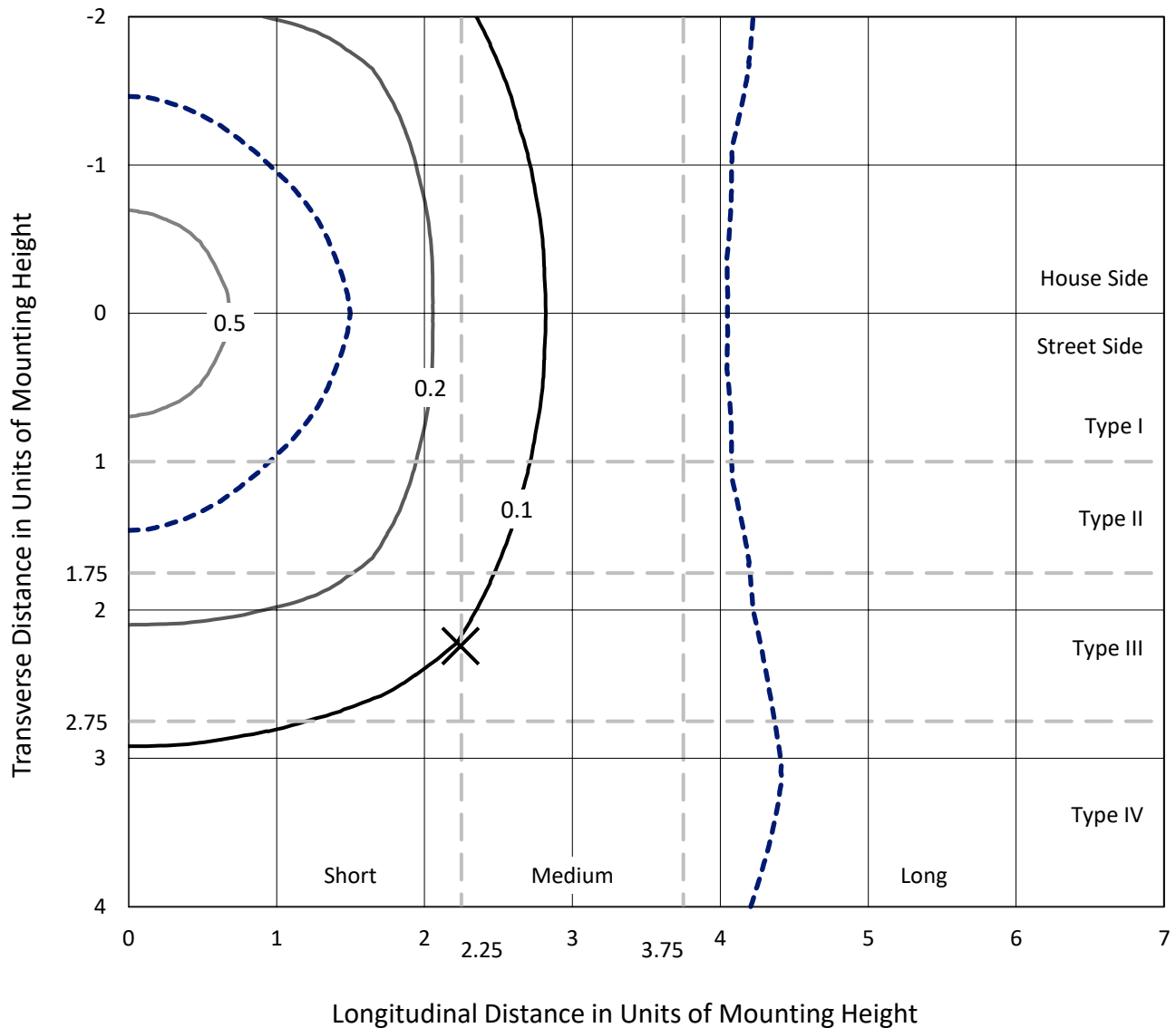
Input Watts (W): 18
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

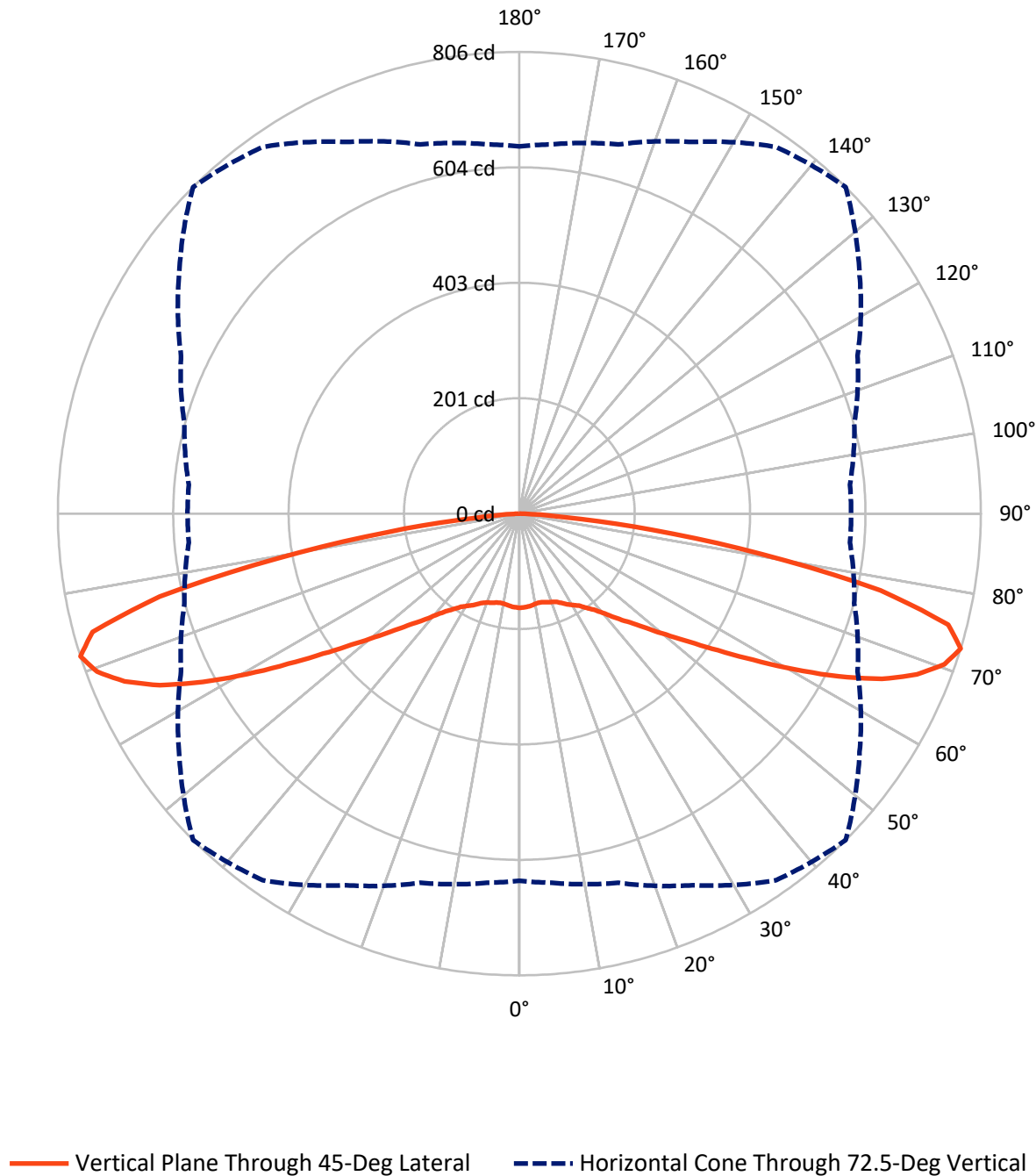


Based on 15 foot mounting height. Maximum calculated value = 0.7 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1056.1	0.0	1056.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1056.1	0.0	1056.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	2112.1	0.0	2112.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.4	0.7
10°-20°	45.9	2.2
20°-30°	80.6	3.8
30°-40°	128.6	6.1
40°-50°	215.0	10.2
50°-60°	367.9	17.4
60°-70°	607.3	28.8
70°-80°	582.1	27.6
80°-90°	69.4	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°	2112.1	100.0
0°-180°	2112.1	100.0



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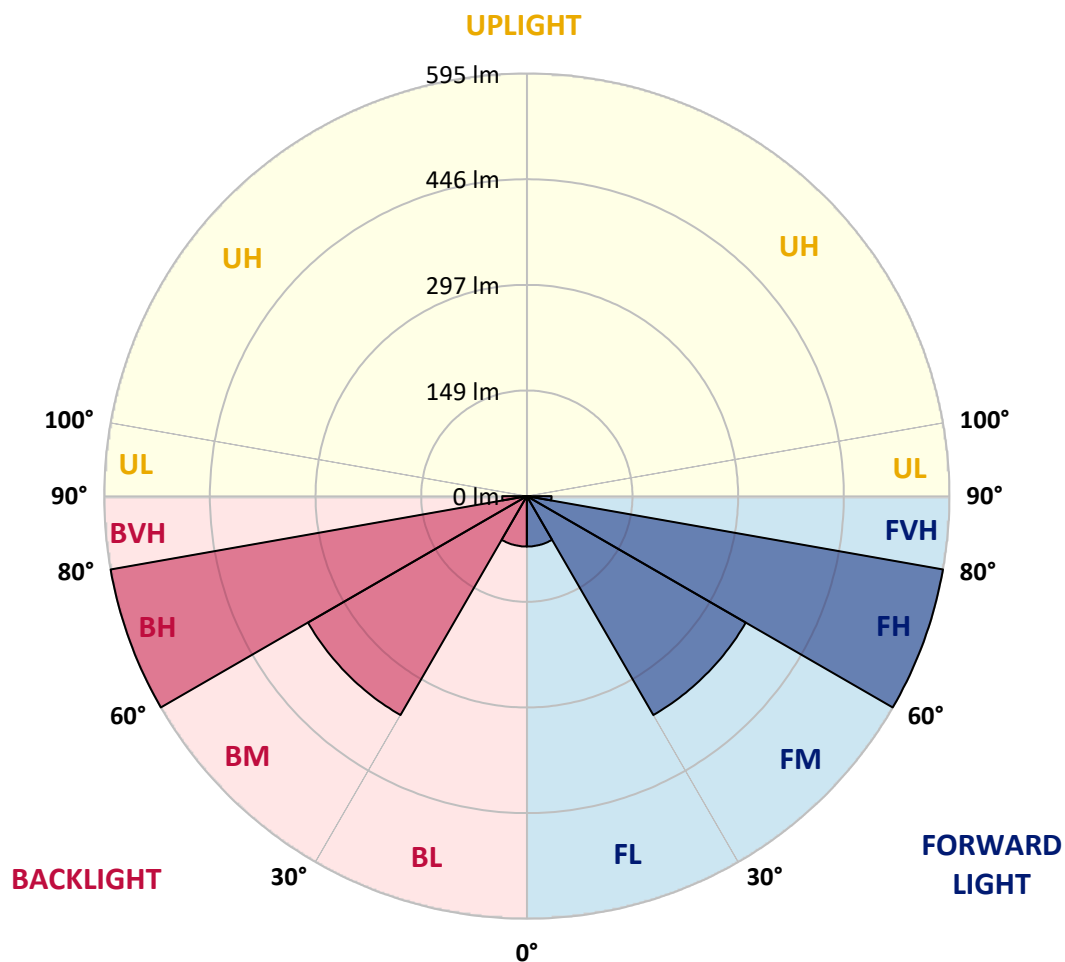
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	71.0	3.4			
FM	(30°-60°)	355.7	16.8			
FH	(60°-80°)	594.7	28.2			G0/660
FVH	(80°-90°)	34.7	1.6			G1/100
BL	(0°-30°)	71.0	3.4	B0/110		
BM	(30°-60°)	355.7	16.8	B1/1000		
BH	(60°-80°)	594.7	28.2	B2/1000		G0/660
BVH	(80°-90°)	34.7	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°	164.5	164.5	164.5	164.5	164.5	164.5	164.5	164.5	164.5	164.5	164.5
2.5°	163.4	163.4	163.9	164.0	163.9	163.7	163.6	163.4	163.9	163.7	163.9
5°	163.0	163.0	163.1	163.3	163.0	162.9	162.6	162.4	162.7	162.7	163.0
7.5°	161.8	161.7	161.8	162.0	161.5	161.4	160.9	160.9	160.9	160.8	161.1
10°	160.8	160.5	160.5	160.2	159.5	159.6	159.0	159.5	160.2	160.3	160.5
12.5°	161.2	160.9	160.6	159.9	158.9	159.0	158.9	159.3	160.3	160.9	161.4
15°	163.3	163.0	162.3	160.9	160.3	160.3	160.1	160.2	161.7	162.6	163.0
17.5°	165.5	164.9	163.6	162.7	162.1	162.6	161.5	161.4	162.6	163.9	164.3
20°	167.3	166.8	165.2	164.2	164.2	164.6	163.6	163.0	164.3	165.9	166.4
22.5°	170.4	170.1	168.5	167.4	167.4	167.6	167.0	166.5	168.0	169.6	170.1
25°	174.8	174.8	173.2	172.7	172.6	172.9	172.1	171.7	173.0	174.2	174.6
27.5°	180.0	179.5	178.2	177.9	178.5	179.5	178.2	177.0	178.0	179.1	179.2
30°	185.4	185.4	184.2	184.2	184.7	185.1	183.9	182.8	183.8	185.0	185.1
32.5°	193.1	192.6	192.2	192.3	192.2	191.6	191.0	190.9	191.7	192.5	192.8
35°	202.5	202.4	201.8	202.1	202.1	202.1	200.3	199.7	201.2	201.8	201.5
37.5°	217.1	216.9	215.5	214.6	213.6	213.1	210.9	210.8	214.3	216.1	215.8
40°	234.9	234.3	233.0	231.5	230.2	229.3	227.1	228.7	232.4	233.7	233.7
42.5°	254.4	253.6	252.2	251.4	250.5	249.7	246.7	247.5	251.9	253.2	251.7
45°	278.3	277.2	275.6	274.0	272.7	270.9	269.4	270.1	274.9	276.5	275.3
47.5°	303.6	303.3	302.0	300.7	299.5	298.3	296.4	297.7	301.8	301.5	299.2
50°	330.4	331.0	331.2	332.5	331.6	331.8	328.2	327.5	330.7	328.8	325.9
52.5°	359.3	360.2	363.3	365.9	370.8	371.4	367.0	362.3	361.7	356.7	353.6
55°	392.8	392.6	399.4	406.8	417.5	420.9	411.0	402.2	397.3	387.6	384.4
57.5°	430.6	430.2	440.5	453.5	472.9	481.3	463.2	446.4	434.6	423.0	419.6
60°	471.8	472.8	485.3	506.4	540.0	551.6	524.2	496.4	478.4	463.2	461.9
62.5°	519.8	520.0	534.7	563.3	606.9	625.6	587.9	550.2	527.3	510.7	507.1
65°	576.5	577.6	593.4	622.2	672.3	695.5	652.0	606.0	579.1	556.5	556.1
67.5°	634.8	634.2	648.6	679.3	727.6	749.0	703.4	652.2	617.1	588.9	585.2
70°	672.1	675.3	690.9	720.2	766.5	787.3	731.9	670.0	633.3	607.5	605.7
72.5°	640.7	646.7	666.9	715.5	781.1	805.7	725.1	651.6	605.3	579.3	579.3
75°	520.1	530.1	558.3	633.1	730.7	773.3	671.3	570.2	502.9	475.2	475.2
77.5°	316.9	326.4	364.5	455.8	590.1	644.6	547.2	429.5	351.5	317.6	313.2
80°	105.4	111.6	148.9	231.7	362.3	429.0	366.7	243.9	157.4	120.0	119.4
82.5°	28.0	30.5	42.4	67.2	157.3	232.4	167.7	80.5	46.1	35.8	33.0
85°	9.7	10.5	18.0	22.4	39.9	76.9	46.7	29.2	22.4	13.6	12.7
87.5°	2.8	3.1	7.2	7.8	11.5	9.0	12.7	11.6	10.6	4.4	4.0
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)