

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: P672365

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672365
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-727-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5WQ
distribution lens
Light Source: (16) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2398 lumens
Efficiency: N/A
Efficacy: 133.2 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

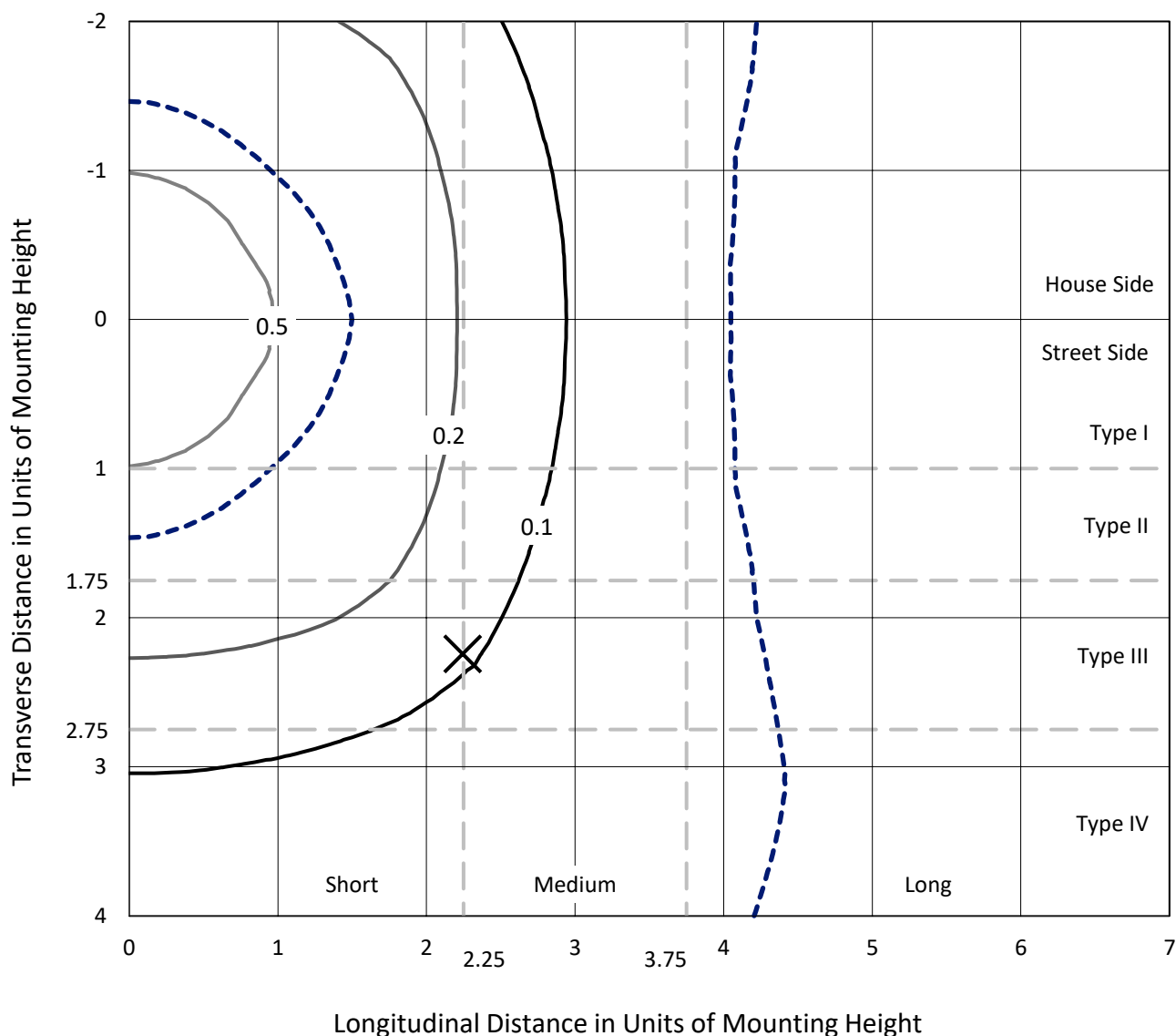
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



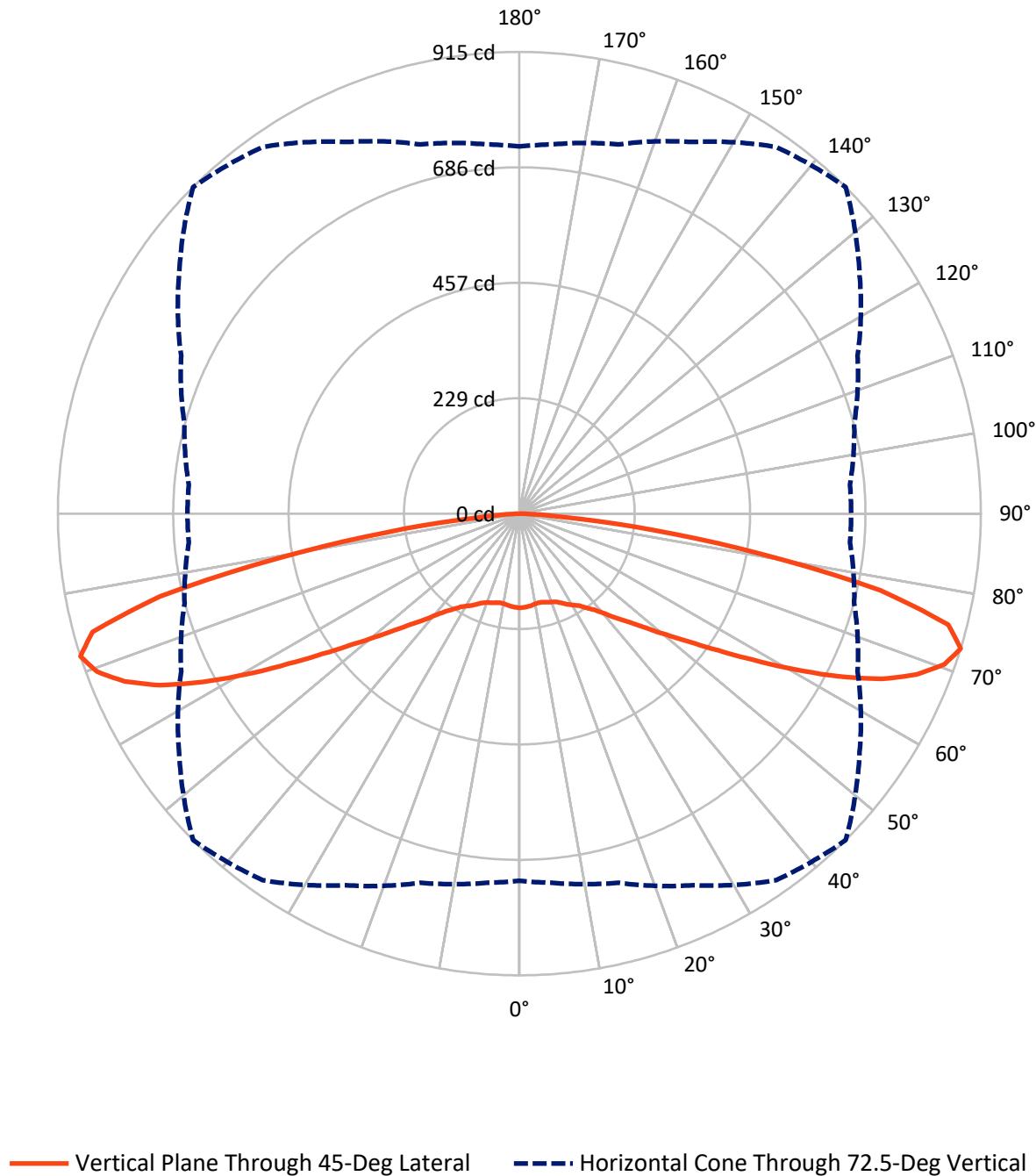
Based on 15 foot mounting height. Maximum calculated value = 0.8 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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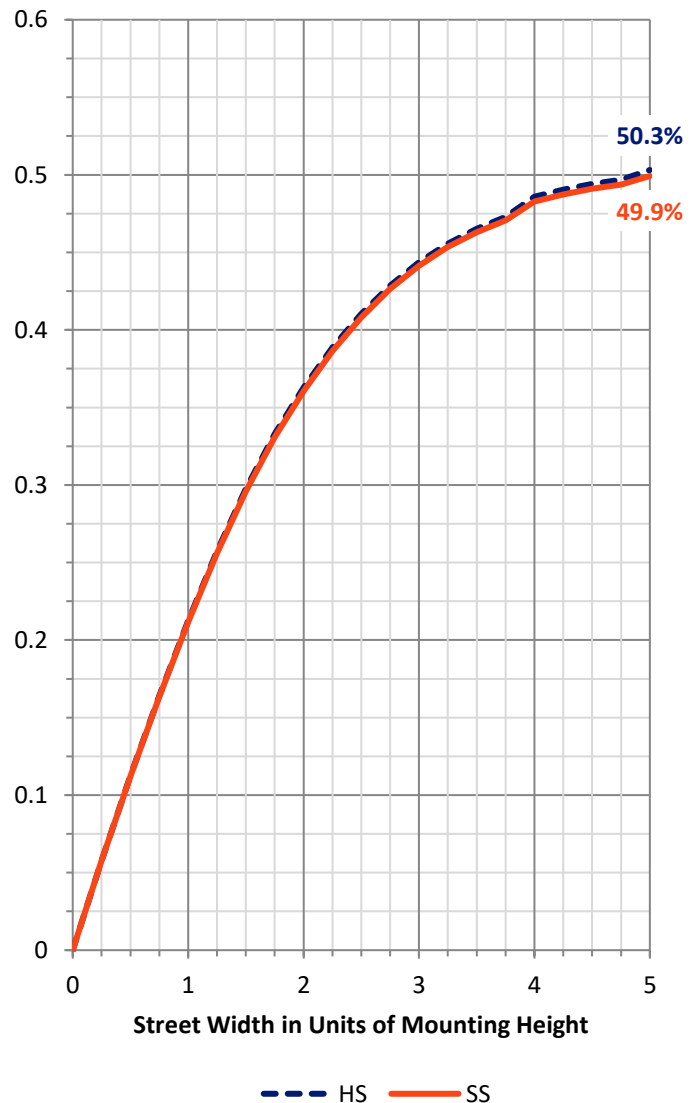
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1199.0	0.0	1199.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1199.0	0.0	1199.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	2398.0	0.0	2398.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.5	0.7
10°-20°	52.1	2.2
20°-30°	91.5	3.8
30°-40°	146.0	6.1
40°-50°	244.1	10.2
50°-60°	417.7	17.4
60°-70°	689.5	28.8
70°-80°	660.9	27.6
80°-90°	78.8	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°	2398.0	100.0
0°-180°	2398.0	100.0

Coefficient of Utilization



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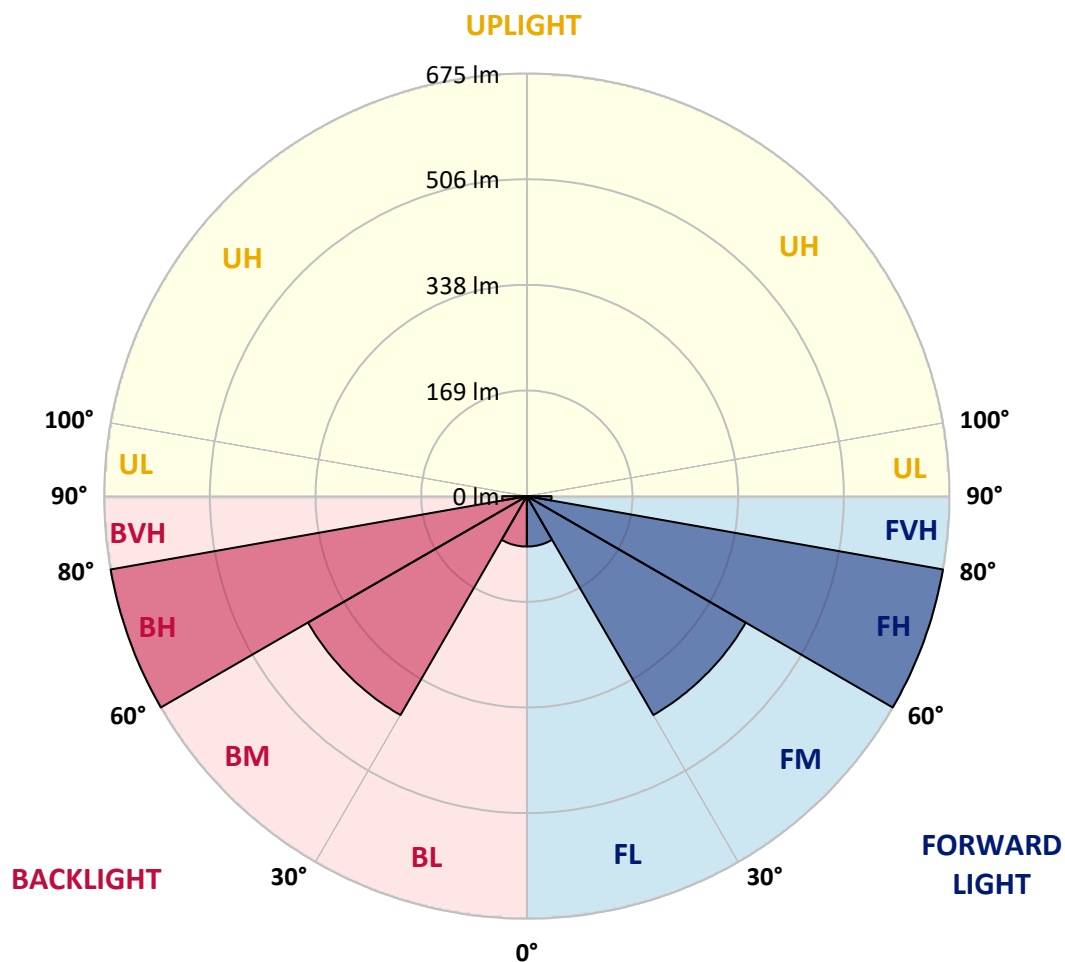
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	80.6	3.4			
FM	(30°-60°)	403.9	16.8			
FH	(60°-80°)	675.2	28.2			G1/1800
FVH	(80°-90°)	39.4	1.6			G1/100
BL	(0°-30°)	80.6	3.4	B0/110		
BM	(30°-60°)	403.9	16.8	B1/1000		
BH	(60°-80°)	675.2	28.2	B2/1000		G1/1800
BVH	(80°-90°)	39.4	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°	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7
2.5°	185.6	185.6	186.1	186.2	186.1	185.9	185.7	185.6	186.1	185.9	186.1
5°	185.1	185.1	185.2	185.4	185.1	184.9	184.6	184.4	184.7	184.7	185.1
7.5°	183.7	183.6	183.7	183.9	183.4	183.2	182.7	182.7	182.7	182.6	182.9
10°	182.6	182.2	182.2	181.9	181.0	181.2	180.5	181.0	181.9	182.1	182.2
12.5°	183.1	182.7	182.4	181.6	180.4	180.5	180.4	180.9	182.1	182.7	183.2
15°	185.4	185.1	184.2	182.7	182.1	182.1	181.7	181.9	183.6	184.6	185.1
17.5°	187.9	187.2	185.7	184.7	184.1	184.6	183.4	183.2	184.6	186.1	186.6
20°	189.9	189.4	187.6	186.4	186.4	186.9	185.7	185.1	186.6	188.4	188.9
22.5°	193.4	193.1	191.3	190.1	190.1	190.3	189.6	189.1	190.8	192.6	193.1
25°	198.5	198.5	196.6	196.1	195.9	196.3	195.4	194.9	196.4	197.8	198.3
27.5°	204.3	203.8	202.3	202.0	202.6	203.8	202.3	201.0	202.1	203.3	203.5
30°	210.5	210.5	209.2	209.2	209.7	210.2	208.8	207.5	208.7	210.0	210.2
32.5°	219.2	218.7	218.2	218.4	218.2	217.5	216.9	216.7	217.7	218.5	218.9
35°	229.9	229.7	229.1	229.4	229.4	229.4	227.4	226.7	228.4	229.1	228.7
37.5°	246.5	246.3	244.6	243.6	242.5	242.0	239.4	239.3	243.3	245.3	245.0
40°	266.7	266.1	264.5	262.9	261.4	260.4	257.9	259.7	263.9	265.4	265.4
42.5°	288.8	288.0	286.3	285.5	284.5	283.5	280.1	280.9	286.0	287.5	285.8
45°	315.9	314.7	312.9	311.1	309.6	307.5	305.9	306.7	312.1	313.9	312.6
47.5°	344.7	344.4	342.9	341.3	340.0	338.7	336.5	338.0	342.7	342.4	339.7
50°	375.1	375.8	376.0	377.5	376.5	376.7	372.6	371.8	375.5	373.3	370.0
52.5°	407.9	408.9	412.5	415.5	421.0	421.7	416.6	411.3	410.6	404.9	401.4
55°	445.9	445.8	453.5	461.8	474.0	477.9	466.7	456.6	451.1	440.1	436.4
57.5°	488.9	488.4	500.1	514.9	537.0	546.5	525.9	506.8	493.4	480.2	476.4
60°	535.6	536.8	551.0	574.9	613.1	626.3	595.2	563.6	543.1	525.9	524.4
62.5°	590.2	590.3	607.1	639.5	689.1	710.3	667.5	624.6	598.7	579.8	575.8
65°	654.6	655.8	673.7	706.5	763.3	789.6	740.3	688.1	657.4	631.8	631.3
67.5°	720.7	720.0	736.4	771.2	826.1	850.4	798.7	740.4	700.6	668.6	664.5
70°	763.0	766.7	784.4	817.7	870.3	893.9	830.9	760.7	719.0	689.7	687.7
72.5°	727.4	734.2	757.2	812.4	886.8	914.8	823.3	739.8	687.2	657.8	657.8
75°	590.5	601.9	633.8	718.8	829.6	878.0	762.2	647.4	570.9	539.5	539.5
77.5°	359.8	370.6	413.8	517.5	670.0	731.9	621.3	487.6	399.1	360.6	355.6
80°	119.6	126.7	169.0	263.0	411.3	487.1	416.3	276.9	178.7	136.2	135.5
82.5°	31.8	34.6	48.2	76.3	178.5	263.9	190.4	91.4	52.4	40.7	37.5
85°	11.0	11.9	20.4	25.4	45.3	87.3	53.0	33.1	25.4	15.4	14.4
87.5°	3.2	3.5	8.2	8.9	13.1	10.2	14.4	13.2	12.0	5.0	4.5
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)