

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: P672376

Luminaire Tested: **CCP-SA-1A-730-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672376
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-730-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5WQ
distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2611.1 lumens
Efficiency: N/A
Efficacy: 145.1 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

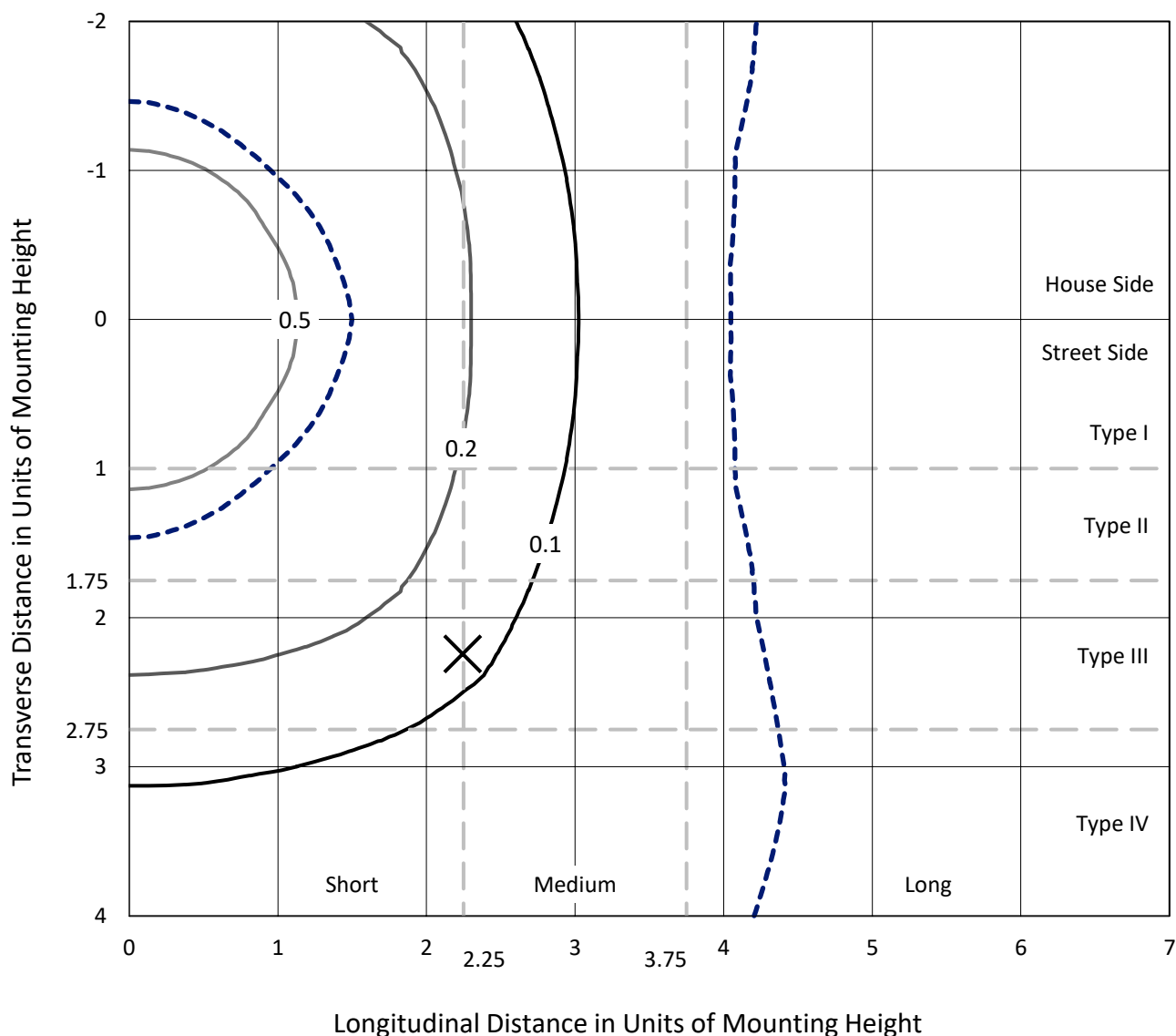
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

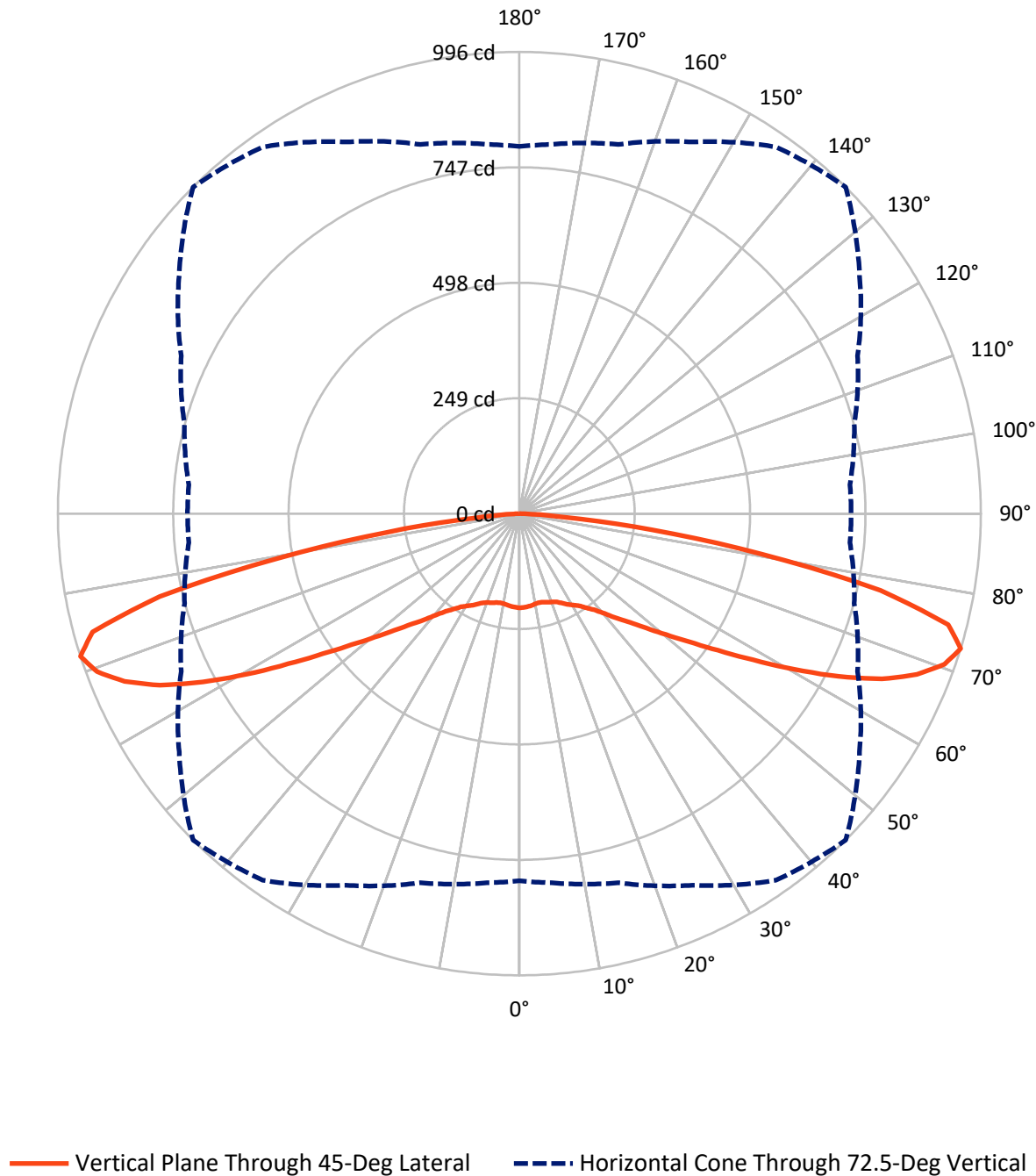


Based on 15 foot mounting height. Maximum calculated value = 0.9 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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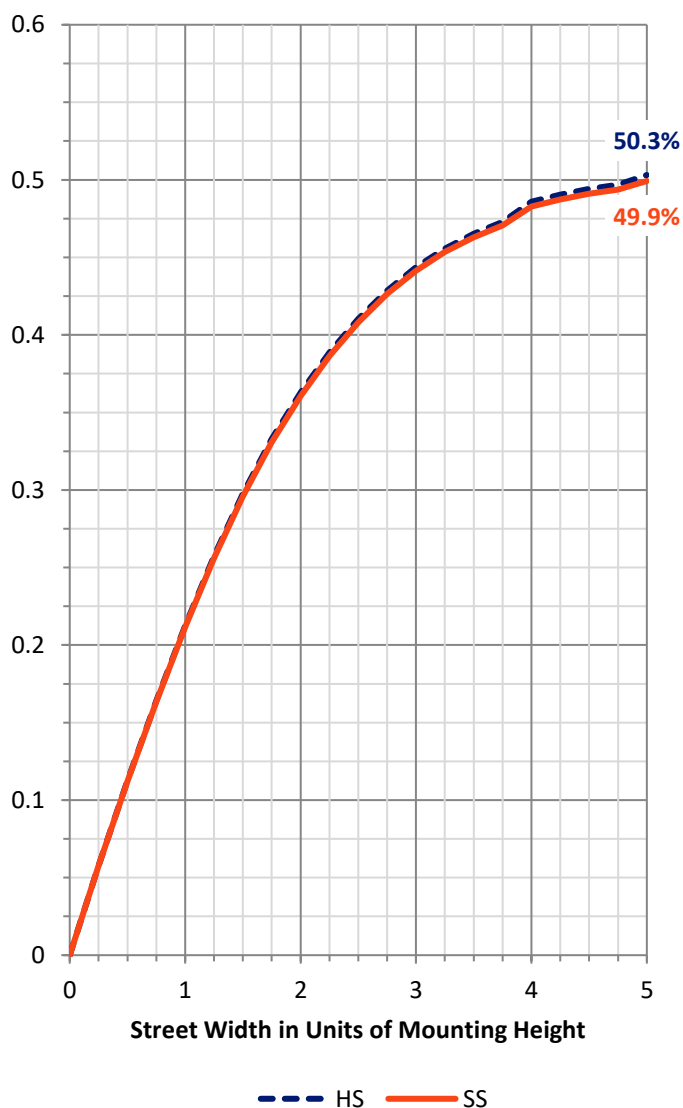
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1305.5	0.0	1305.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1305.5	0.0	1305.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	2611.1	0.0	2611.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.1	0.7
10°-20°	56.7	2.2
20°-30°	99.6	3.8
30°-40°	158.9	6.1
40°-50°	265.8	10.2
50°-60°	454.8	17.4
60°-70°	750.8	28.8
70°-80°	719.6	27.6
80°-90°	85.8	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°	2611.1	100.0
0°-180°	2611.1	100.0

Coefficient of Utilization



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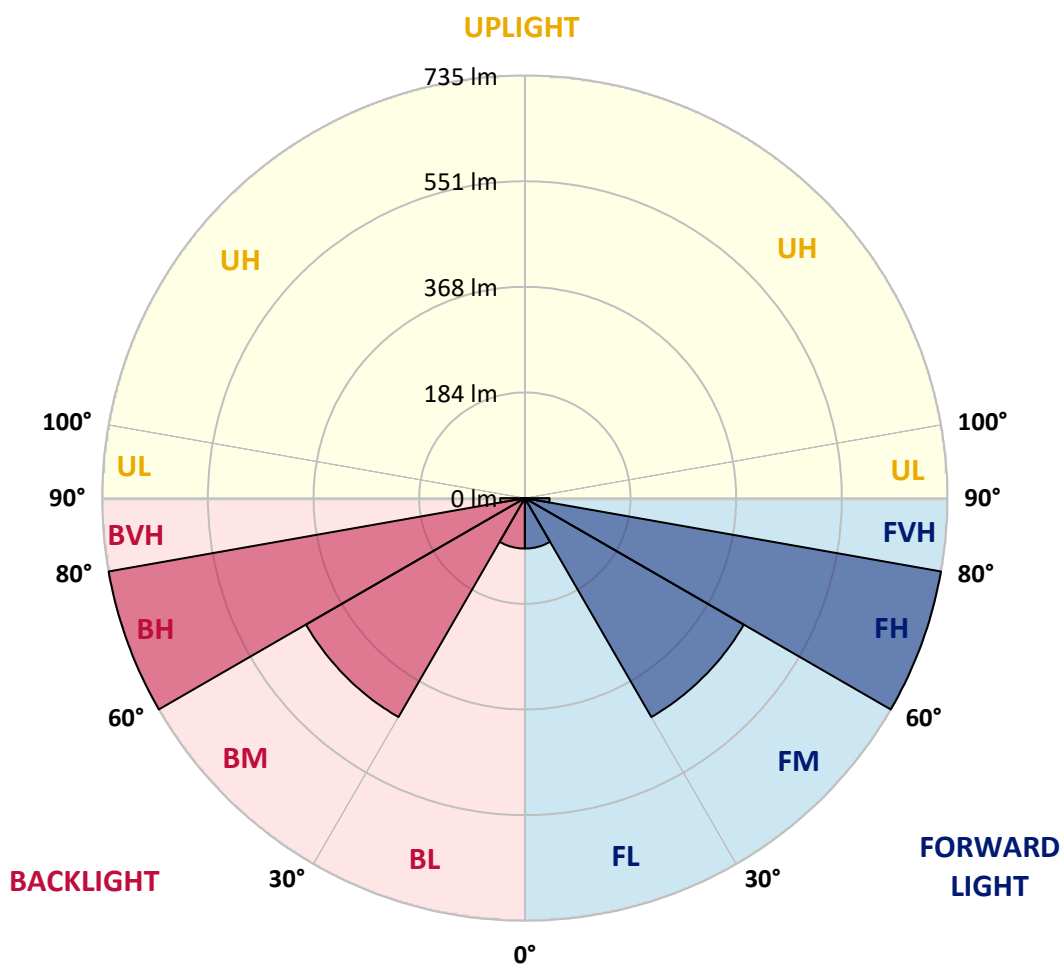
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	87.7	3.4			
FM	(30°-60°)	439.7	16.8			
FH	(60°-80°)	735.2	28.2			G1/1800
FVH	(80°-90°)	42.9	1.6			G1/100
BL	(0°-30°)	87.7	3.4	B0/110		
BM	(30°-60°)	439.7	16.8	B1/1000		
BH	(60°-80°)	735.2	28.2	B2/1000		G1/1800
BVH	(80°-90°)	42.9	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°	203.3	203.3	203.3	203.3	203.3	203.3	203.3	203.3	203.3	203.3	203.3
2.5°	202.1	202.1	202.6	202.8	202.6	202.4	202.2	202.1	202.6	202.4	202.6
5°	201.5	201.5	201.7	201.9	201.5	201.3	201.0	200.8	201.1	201.1	201.5
7.5°	200.0	199.9	200.0	200.2	199.7	199.5	199.0	199.0	199.0	198.8	199.1
10°	198.8	198.4	198.4	198.0	197.1	197.3	196.6	197.1	198.0	198.2	198.4
12.5°	199.3	199.0	198.6	197.7	196.4	196.6	196.4	197.0	198.2	199.0	199.5
15°	201.9	201.5	200.6	199.0	198.2	198.2	197.9	198.0	199.9	201.0	201.5
17.5°	204.6	203.9	202.2	201.1	200.4	201.0	199.7	199.5	201.0	202.6	203.1
20°	206.8	206.2	204.2	203.0	203.0	203.5	202.2	201.5	203.1	205.2	205.7
22.5°	210.6	210.3	208.2	207.0	207.0	207.2	206.4	205.9	207.7	209.7	210.3
25°	216.1	216.1	214.1	213.5	213.3	213.7	212.8	212.3	213.9	215.4	215.9
27.5°	222.5	221.9	220.3	219.9	220.6	221.9	220.3	218.8	220.1	221.4	221.5
30°	229.2	229.2	227.7	227.7	228.3	228.8	227.4	225.9	227.2	228.7	228.8
32.5°	238.7	238.1	237.6	237.8	237.6	236.9	236.1	235.9	237.0	237.9	238.3
35°	250.3	250.2	249.4	249.8	249.8	249.8	247.6	246.9	248.7	249.4	249.1
37.5°	268.4	268.2	266.4	265.3	264.0	263.5	260.7	260.5	264.9	267.1	266.7
40°	290.4	289.7	288.0	286.2	284.6	283.5	280.8	282.8	287.3	289.0	289.0
42.5°	314.5	313.6	311.7	310.8	309.7	308.6	305.0	305.9	311.4	313.0	311.2
45°	344.0	342.7	340.7	338.7	337.1	334.9	333.1	334.0	339.8	341.8	340.3
47.5°	375.3	375.0	373.3	371.7	370.2	368.8	366.4	368.0	373.1	372.8	369.9
50°	408.5	409.2	409.4	411.0	409.9	410.1	405.7	404.8	408.8	406.5	402.8
52.5°	444.2	445.3	449.1	452.4	458.4	459.1	453.7	447.8	447.1	440.9	437.1
55°	485.5	485.4	493.7	502.9	516.2	520.3	508.1	497.2	491.2	479.2	475.2
57.5°	532.4	531.8	544.6	560.6	584.7	595.0	572.6	551.9	537.3	522.9	518.7
60°	583.2	584.5	600.0	626.0	667.6	682.0	648.1	613.6	591.4	572.6	571.0
62.5°	642.6	642.8	661.0	696.3	750.3	773.4	726.8	680.1	651.9	631.3	626.9
65°	712.7	714.0	733.5	769.2	831.2	859.8	806.0	749.2	715.8	688.0	687.4
67.5°	784.7	784.0	801.8	839.7	899.5	925.9	869.6	806.2	762.8	728.0	723.5
70°	830.8	834.8	854.1	890.4	947.6	973.3	904.8	828.3	782.9	751.0	748.8
72.5°	792.0	799.5	824.4	884.6	965.6	996.1	896.4	805.5	748.3	716.2	716.2
75°	643.0	655.4	690.1	782.7	903.3	956.0	829.9	704.9	621.6	587.4	587.4
77.5°	391.7	403.6	450.6	563.5	729.5	796.9	676.5	530.9	434.5	392.6	387.2
80°	130.3	137.9	184.0	286.4	447.8	530.4	453.3	301.5	194.6	148.3	147.6
82.5°	34.6	37.7	52.5	83.1	194.4	287.3	207.3	99.5	57.0	44.3	40.8
85°	12.0	12.9	22.2	27.7	49.4	95.1	57.8	36.1	27.7	16.8	15.7
87.5°	3.5	3.8	8.9	9.7	14.2	11.1	15.7	14.4	13.1	5.5	4.9
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)