

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: P672808

Luminaire Tested: **CCP-SA-1A-730-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672808
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-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ RW distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

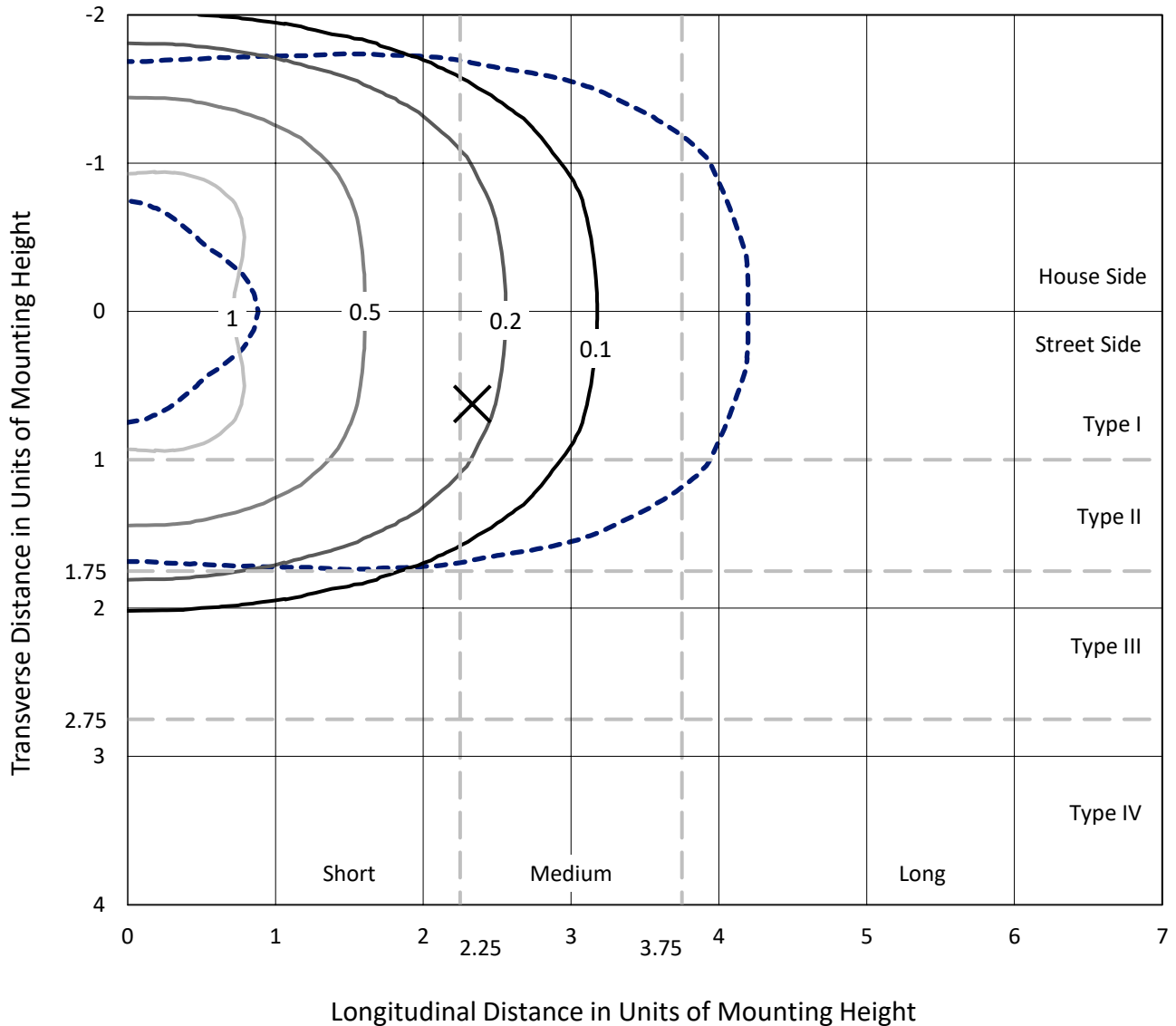
Lumens per Lamp: N/A
Luminaire Lumens: 2534.2 lumens
Efficiency: N/A
Efficacy: 140.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

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

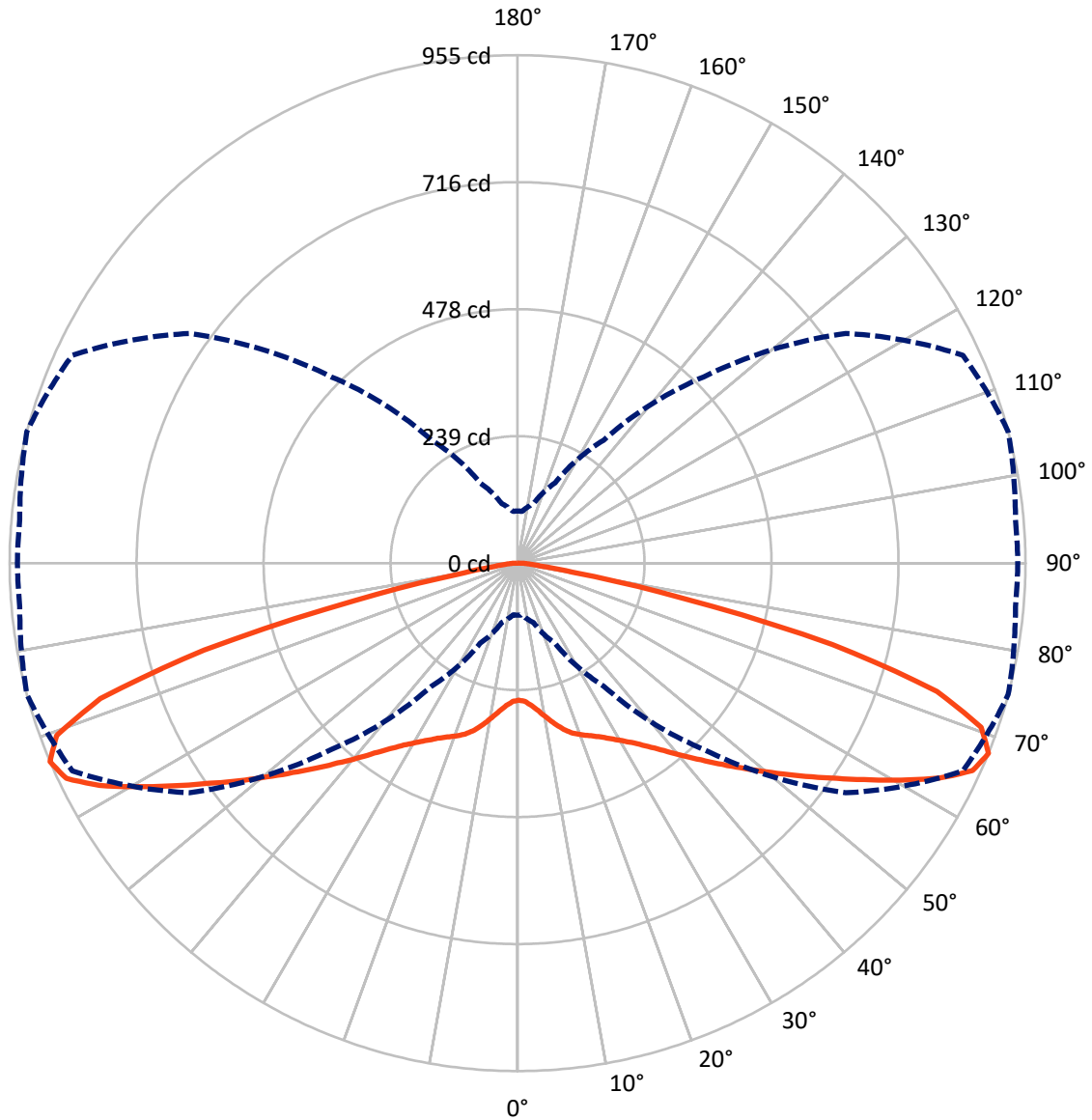
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.3 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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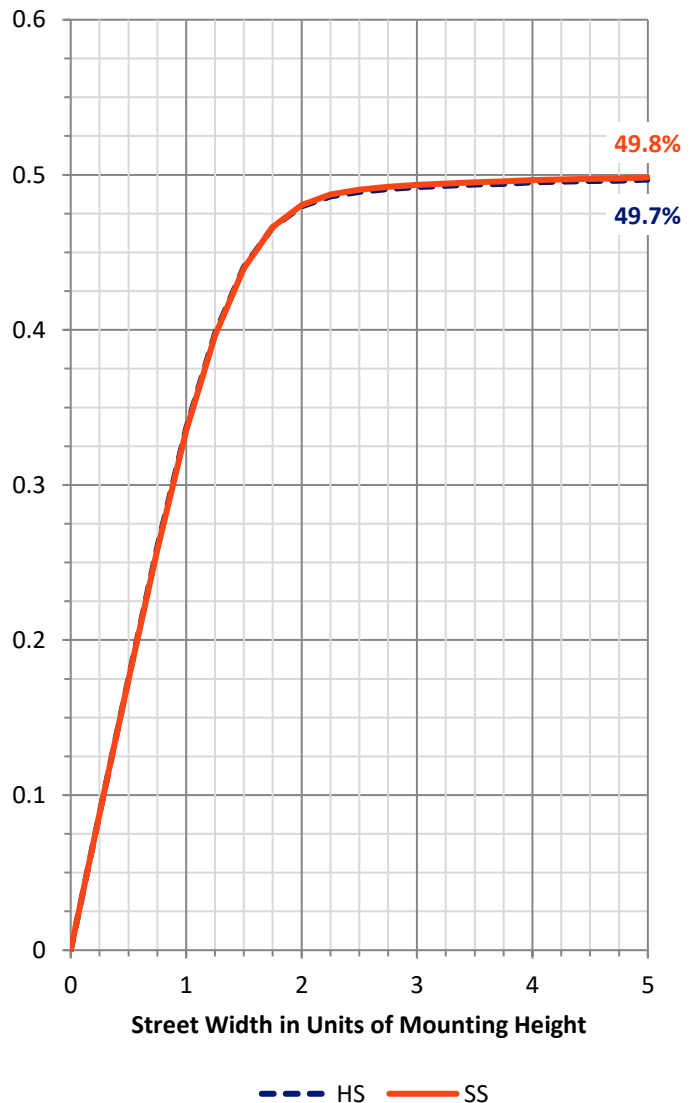
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1267.1	0.0	1267.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1267.1	0.0	1267.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	2534.2	0.0	2534.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.5	1.0
10°-20°	86.0	3.4
20°-30°	167.8	6.6
30°-40°	289.6	11.4
40°-50°	469.1	18.5
50°-60°	637.9	25.2
60°-70°	588.5	23.2
70°-80°	246.3	9.7
80°-90°	23.5	0.9
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°	2534.2	100.0
0°-180°	2534.2	100.0



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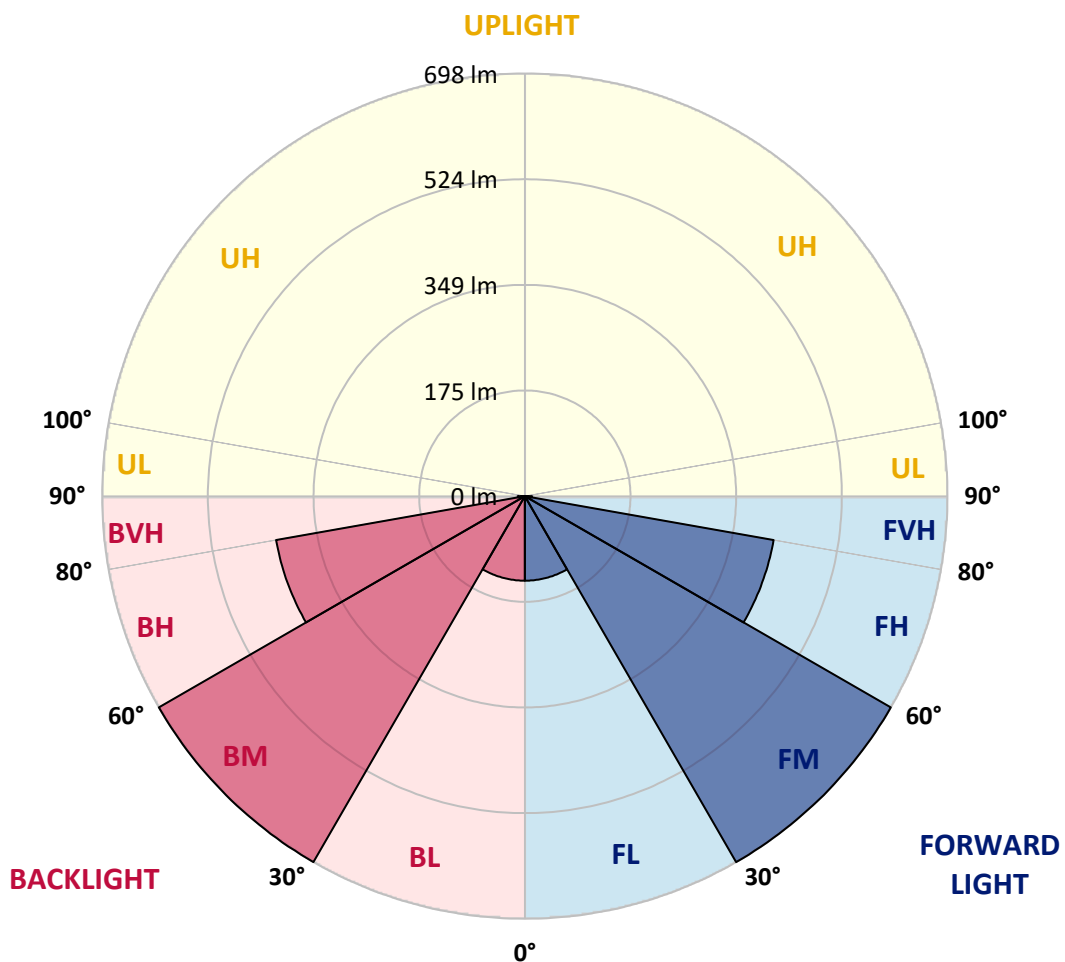
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	139.7	5.5			
FM (30°-60°)	698.3	27.6			
FH (60°-80°)	417.4	16.5			G0/660
FVH (80°-90°)	11.8	0.5			G1/100
BL (0°-30°)	139.7	5.5	B1/500		
BM (30°-60°)	698.3	27.6	B1/1000		
BH (60°-80°)	417.4	16.5	B1/500		G1/500
BVH (80°-90°)	11.8	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	257.8	257.8	257.8	257.8	257.8	257.8	257.8	257.8	257.8	257.8	257.8
2.5°	256.2	256.2	256.9	257.8	258.2	258.9	259.1	259.1	260.2	260.0	260.2
5°	255.4	255.4	256.7	258.4	260.2	262.4	264.6	265.8	268.6	269.1	269.3
7.5°	256.2	256.4	258.2	260.9	264.0	268.0	272.2	275.7	280.2	281.9	283.0
10°	258.9	259.1	261.5	265.3	270.0	275.9	281.9	287.3	294.6	297.9	298.4
12.5°	263.1	263.3	266.7	272.9	279.7	287.0	293.7	300.6	309.7	314.7	315.8
15°	269.5	268.9	274.4	283.5	293.0	302.1	308.1	314.8	324.5	330.9	332.5
17.5°	278.2	278.6	285.3	297.0	308.6	317.9	324.0	327.8	336.2	342.7	344.4
20°	289.2	290.8	299.4	312.8	326.5	336.3	340.5	340.0	344.7	350.4	351.6
22.5°	304.6	305.7	316.1	331.2	346.9	357.1	358.8	352.7	352.6	356.2	357.8
25°	322.9	323.8	334.7	352.2	368.8	379.5	377.9	367.5	362.0	362.2	363.3
27.5°	344.2	346.0	357.3	375.2	392.3	402.1	399.7	384.6	373.9	370.6	369.9
30°	371.9	373.9	385.4	402.5	417.6	426.3	422.7	403.6	387.5	382.1	381.0
32.5°	407.9	407.8	419.6	436.2	446.8	452.4	445.3	423.6	403.4	396.1	394.6
35°	445.1	446.9	458.6	474.6	482.6	483.0	471.7	447.3	423.3	410.7	407.9
37.5°	487.0	487.9	501.4	516.5	521.8	518.9	502.1	475.0	447.3	434.0	429.3
40°	530.0	530.9	546.6	561.2	567.0	560.1	538.0	505.6	475.7	461.2	458.4
42.5°	569.9	572.3	589.8	606.9	612.6	604.5	577.9	539.1	505.8	491.8	488.1
45°	603.1	605.6	625.3	647.2	657.2	650.6	620.6	576.8	540.4	525.3	519.1
47.5°	628.0	631.3	652.3	678.5	698.0	696.7	665.9	616.7	577.6	559.7	554.1
50°	645.2	648.6	671.2	699.5	728.8	738.6	712.0	660.8	618.9	598.9	595.1
52.5°	646.4	649.5	675.4	710.6	749.8	771.4	757.4	707.3	664.5	643.7	641.0
55°	618.0	620.2	654.6	701.5	758.3	796.6	798.8	758.0	713.1	692.2	690.9
57.5°	552.8	555.9	597.1	659.0	744.1	812.8	834.7	811.0	768.2	748.5	747.4
60°	446.6	450.6	497.6	579.9	692.7	808.6	865.1	860.7	828.3	809.2	808.4
62.5°	315.0	316.5	365.5	456.2	592.2	764.2	879.8	909.2	890.6	871.3	872.4
65°	185.1	187.1	223.0	304.6	449.1	661.9	854.3	942.9	940.5	922.8	924.7
67.5°	97.8	97.8	115.9	166.5	282.4	495.6	752.9	924.3	955.3	939.8	940.7
70°	67.6	67.4	70.7	83.6	136.5	307.2	563.2	827.0	925.2	919.4	921.8
72.5°	57.2	56.8	57.0	58.9	69.4	138.8	342.0	637.0	824.8	833.8	835.8
75°	50.1	49.6	49.2	48.8	49.7	63.0	156.0	393.0	611.5	667.6	666.5
77.5°	43.2	42.8	42.5	41.2	39.7	41.4	63.8	176.7	314.5	371.1	367.1
80°	35.5	35.5	36.1	34.3	31.5	30.4	38.1	66.0	104.4	109.0	100.2
82.5°	27.9	27.9	30.6	28.1	24.8	22.0	26.4	35.2	42.5	34.4	28.1
85°	19.7	19.9	25.5	23.3	19.1	12.8	16.4	21.0	23.9	15.1	11.8
87.5°	8.0	8.6	15.9	12.6	12.0	6.4	7.7	9.3	11.8	6.4	5.1
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)