

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: P672885

Luminaire Tested: **CCP-SA-1A-835-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672885
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-835-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ RW distribution lens
Light Source: (16) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

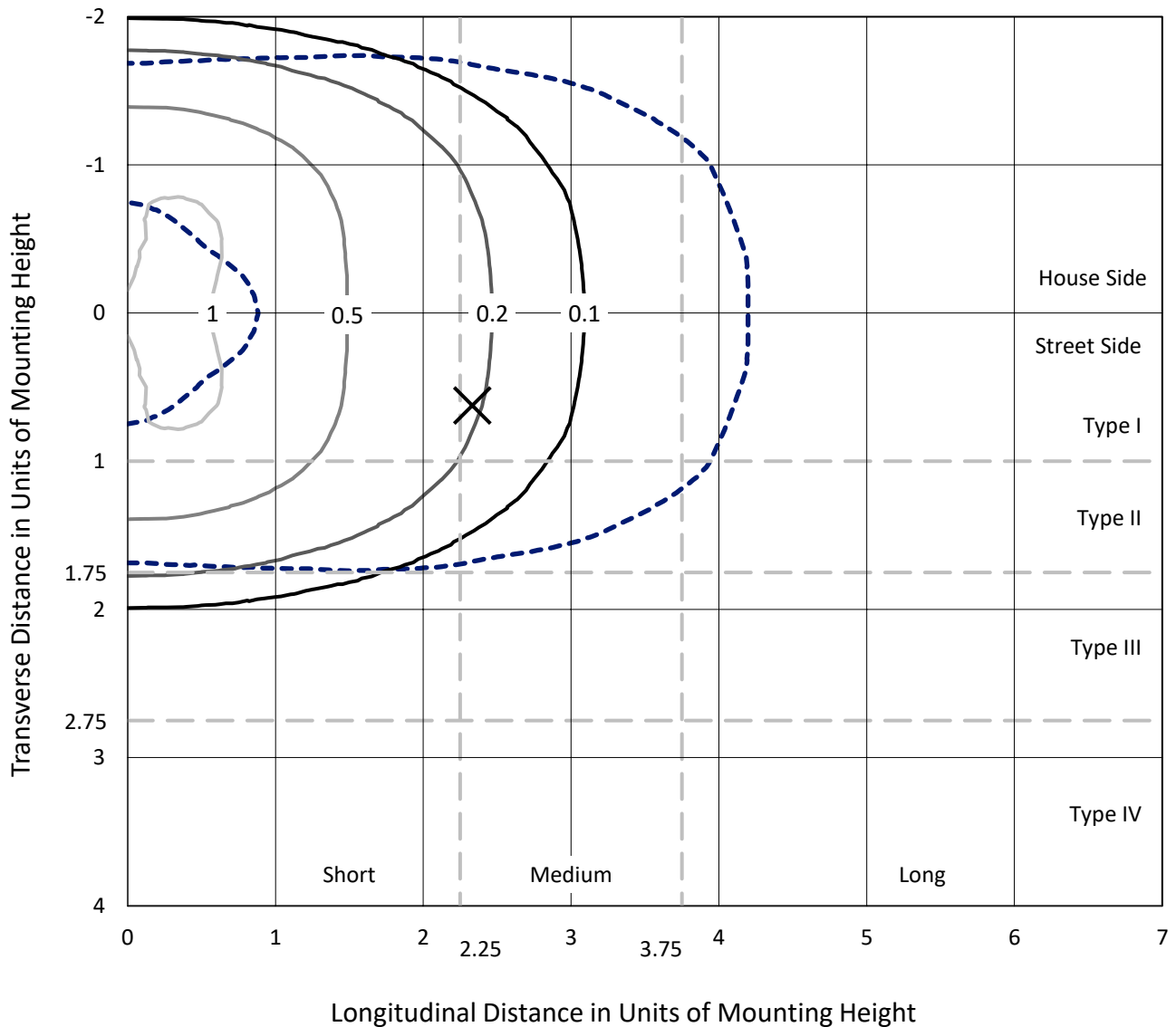
Lumens per Lamp: N/A
Luminaire Lumens: 2293.2 lumens
Efficiency: N/A
Efficacy: 127.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

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

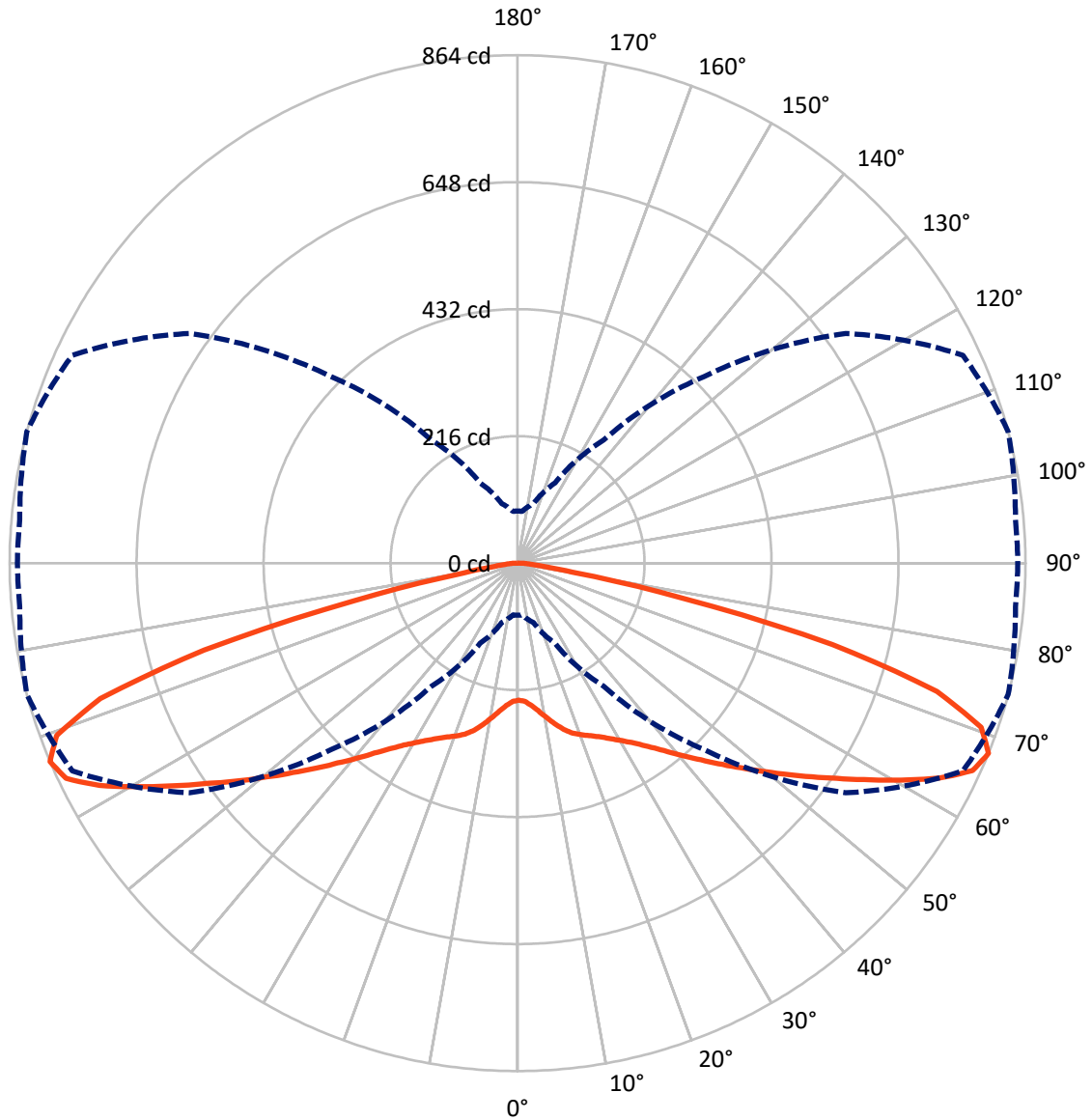
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.2 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	1146.6	0.0	1146.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1146.6	0.0	1146.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	2293.2	0.0	2293.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.1	1.0
10°-20°	77.8	3.4
20°-30°	151.9	6.6
30°-40°	262.0	11.4
40°-50°	424.5	18.5
50°-60°	577.3	25.2
60°-70°	532.5	23.2
70°-80°	222.8	9.7
80°-90°	21.3	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°	2293.2	100.0
0°-180°	2293.2	100.0



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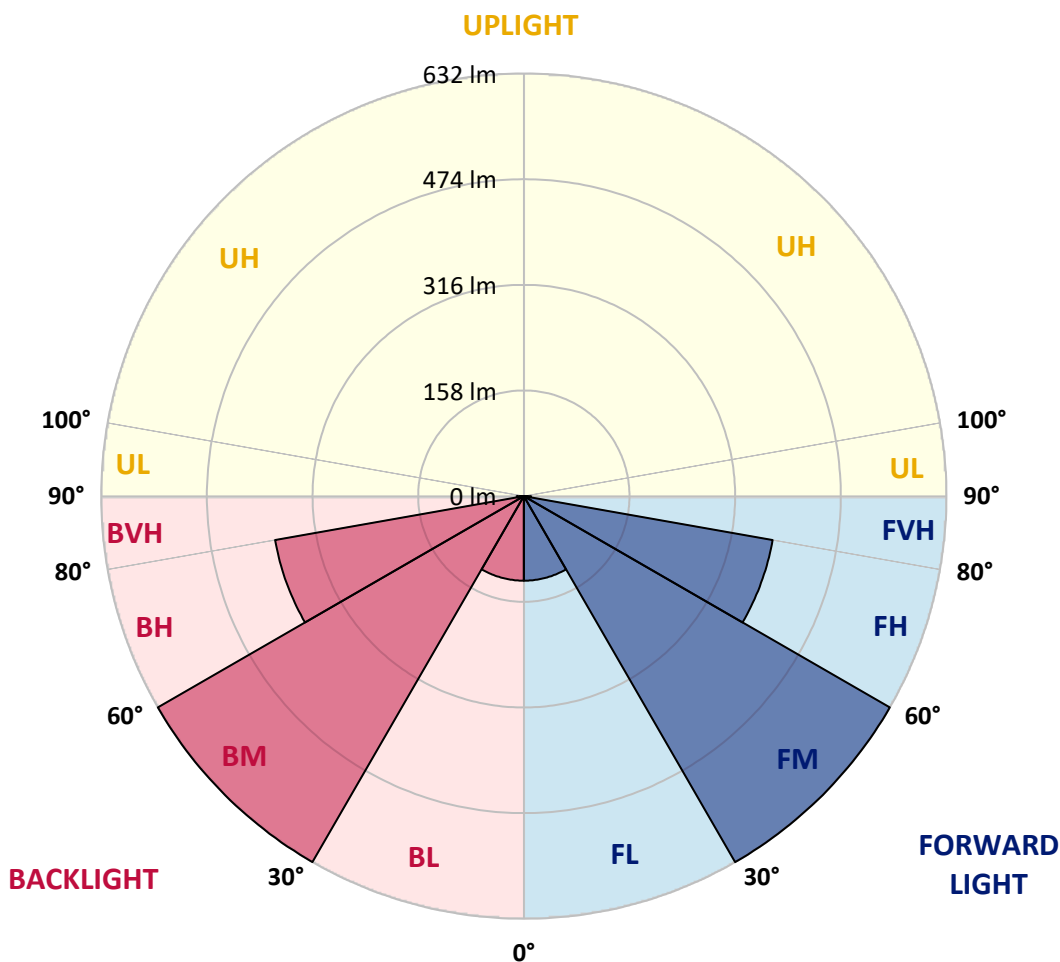
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	126.4	5.5			
FM (30°-60°)	631.9	27.6			
FH (60°-80°)	377.7	16.5			G0/660
FVH (80°-90°)	10.6	0.5			G1/100
BL (0°-30°)	126.4	5.5	B1/500		
BM (30°-60°)	631.9	27.6	B1/1000		
BH (60°-80°)	377.7	16.5	B1/500		G1/500
BVH (80°-90°)	10.6	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°	233.3	233.3	233.3	233.3	233.3	233.3	233.3	233.3	233.3	233.3	233.3
2.5°	231.8	231.8	232.5	233.3	233.6	234.3	234.4	234.4	235.4	235.3	235.4
5°	231.2	231.2	232.3	233.8	235.4	237.4	239.4	240.5	243.0	243.5	243.7
7.5°	231.8	232.0	233.6	236.1	238.9	242.5	246.3	249.5	253.6	255.1	256.0
10°	234.3	234.4	236.6	240.1	244.3	249.6	255.1	260.0	266.6	269.6	270.1
12.5°	238.1	238.2	241.4	247.0	253.1	259.7	265.8	272.0	280.3	284.7	285.7
15°	243.8	243.4	248.3	256.5	265.1	273.4	278.8	284.9	293.6	299.4	300.9
17.5°	251.8	252.1	258.2	268.7	279.3	287.7	293.1	296.6	304.2	310.1	311.6
20°	261.7	263.1	270.9	283.1	295.5	304.4	308.1	307.7	311.9	317.1	318.2
22.5°	275.7	276.7	286.1	299.7	313.9	323.2	324.6	319.2	319.0	322.3	323.8
25°	292.2	293.0	302.9	318.7	333.7	343.4	341.9	332.5	327.6	327.8	328.8
27.5°	311.4	313.1	323.3	339.5	355.0	363.9	361.7	348.0	338.3	335.4	334.7
30°	336.5	338.3	348.7	364.2	377.9	385.8	382.5	365.2	350.7	345.7	344.7
32.5°	369.2	369.0	379.7	394.7	404.3	409.4	402.9	383.3	365.0	358.4	357.1
35°	402.8	404.4	415.0	429.5	436.7	437.1	426.9	404.8	383.0	371.6	369.2
37.5°	440.7	441.5	453.7	467.4	472.2	469.6	454.4	429.8	404.8	392.7	388.4
40°	479.6	480.4	494.6	507.8	513.1	506.8	486.9	457.5	430.5	417.3	414.8
42.5°	515.7	517.9	533.7	549.2	554.3	547.0	523.0	487.9	457.7	445.0	441.7
45°	545.7	548.0	565.8	585.6	594.7	588.8	561.6	522.0	489.0	475.3	469.7
47.5°	568.3	571.3	590.2	614.0	631.6	630.5	602.6	558.1	522.6	506.5	501.4
50°	583.8	586.9	607.4	632.9	659.5	668.4	644.3	598.0	560.1	541.9	538.5
52.5°	585.0	587.8	611.2	643.0	678.5	698.1	685.4	640.0	601.3	582.5	580.0
55°	559.2	561.2	592.4	634.8	686.2	720.8	722.8	685.9	645.3	626.4	625.2
57.5°	500.2	503.0	540.3	596.3	673.3	735.5	755.3	733.9	695.1	677.3	676.3
60°	404.1	407.7	450.3	524.8	626.8	731.7	782.8	778.9	749.5	732.2	731.5
62.5°	285.1	286.4	330.7	412.8	535.8	691.5	796.2	822.7	805.9	788.4	789.4
65°	167.5	169.3	201.8	275.7	406.4	599.0	773.1	853.2	851.1	835.1	836.7
67.5°	88.5	88.5	104.9	150.7	255.6	448.5	681.3	836.4	864.4	850.4	851.2
70°	61.2	61.0	64.0	75.7	123.5	278.0	509.6	748.4	837.2	831.9	834.1
72.5°	51.8	51.4	51.6	53.3	62.8	125.6	309.5	576.4	746.4	754.5	756.3
75°	45.3	44.8	44.5	44.2	45.0	57.0	141.1	355.6	553.3	604.1	603.1
77.5°	39.1	38.7	38.4	37.3	35.9	37.4	57.7	159.9	284.6	335.8	332.2
80°	32.2	32.2	32.6	31.0	28.5	27.5	34.5	59.7	94.5	98.6	90.7
82.5°	25.2	25.2	27.7	25.4	22.4	19.9	23.9	31.8	38.4	31.2	25.4
85°	17.8	18.0	23.1	21.1	17.3	11.5	14.8	19.0	21.6	13.7	10.7
87.5°	7.3	7.7	14.3	11.4	10.9	5.8	6.9	8.4	10.7	5.8	4.6
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)