

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: P672786

Luminaire Tested: **CCP-SA-1A-722-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672786
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-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ RW distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

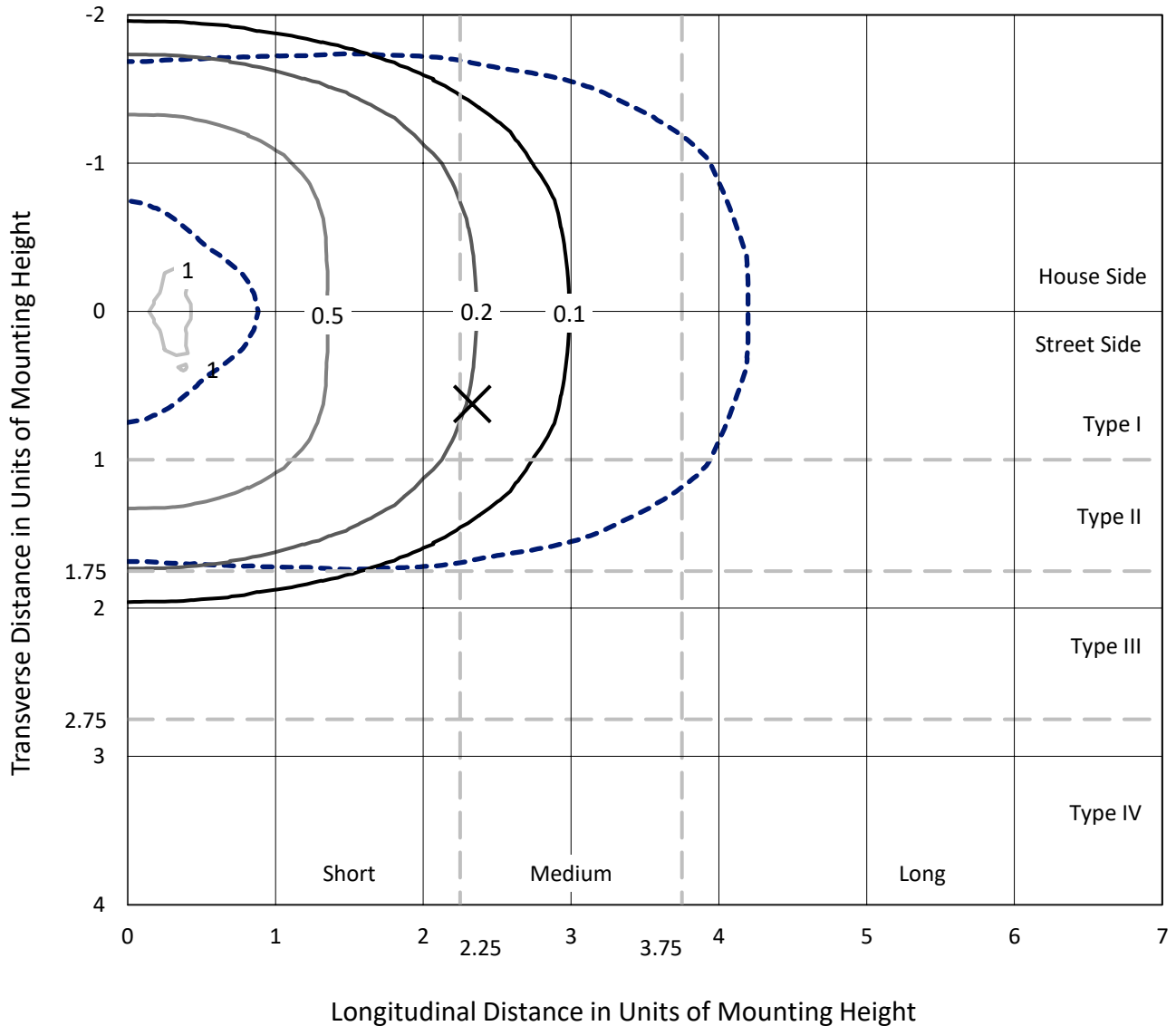
Lumens per Lamp: N/A
Luminaire Lumens: 2049.9 lumens
Efficiency: N/A
Efficacy: 113.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

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

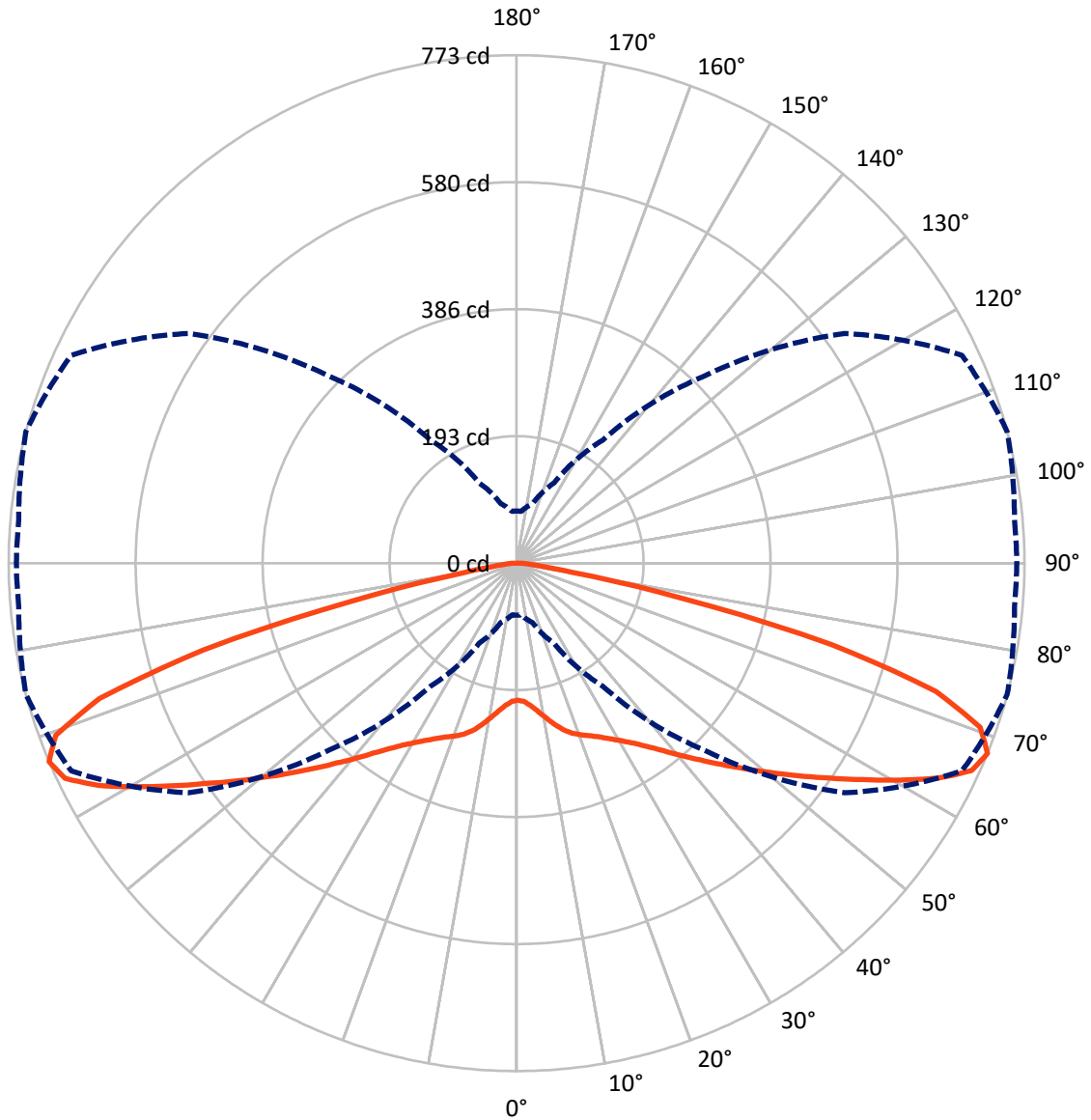
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.1 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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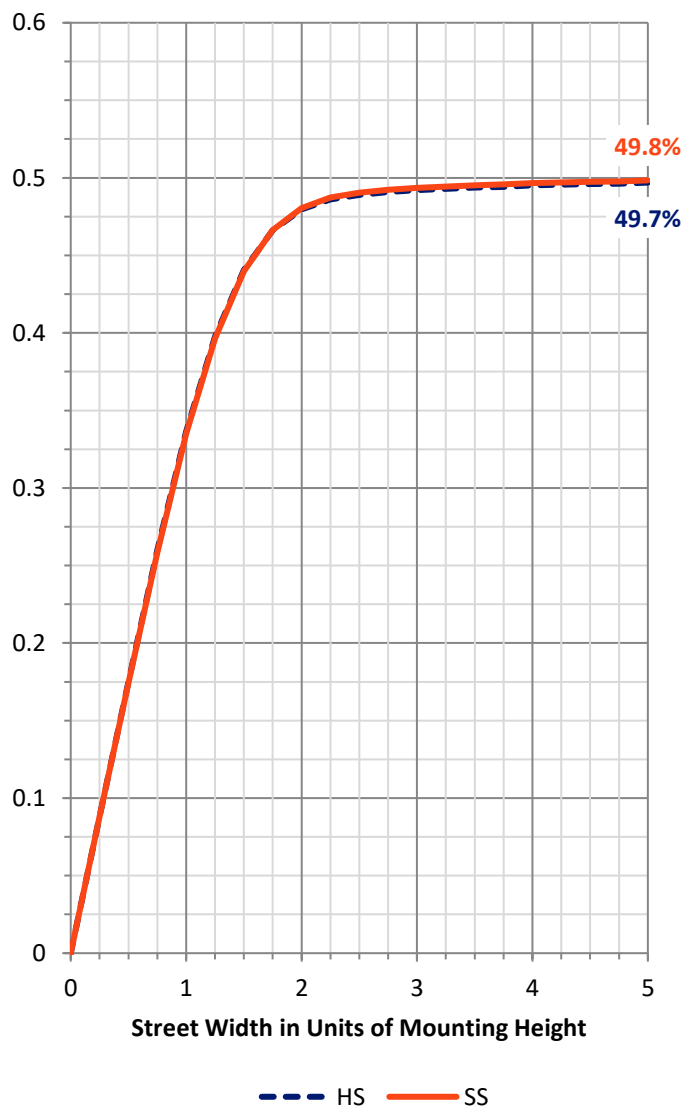
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1025.0	0.0	1025.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1025.0	0.0	1025.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	2049.9	0.0	2049.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.6	1.0
10°-20°	69.5	3.4
20°-30°	135.8	6.6
30°-40°	234.2	11.4
40°-50°	379.4	18.5
50°-60°	516.0	25.2
60°-70°	476.1	23.2
70°-80°	199.2	9.7
80°-90°	19.0	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°	2049.9	100.0
0°-180°	2049.9	100.0



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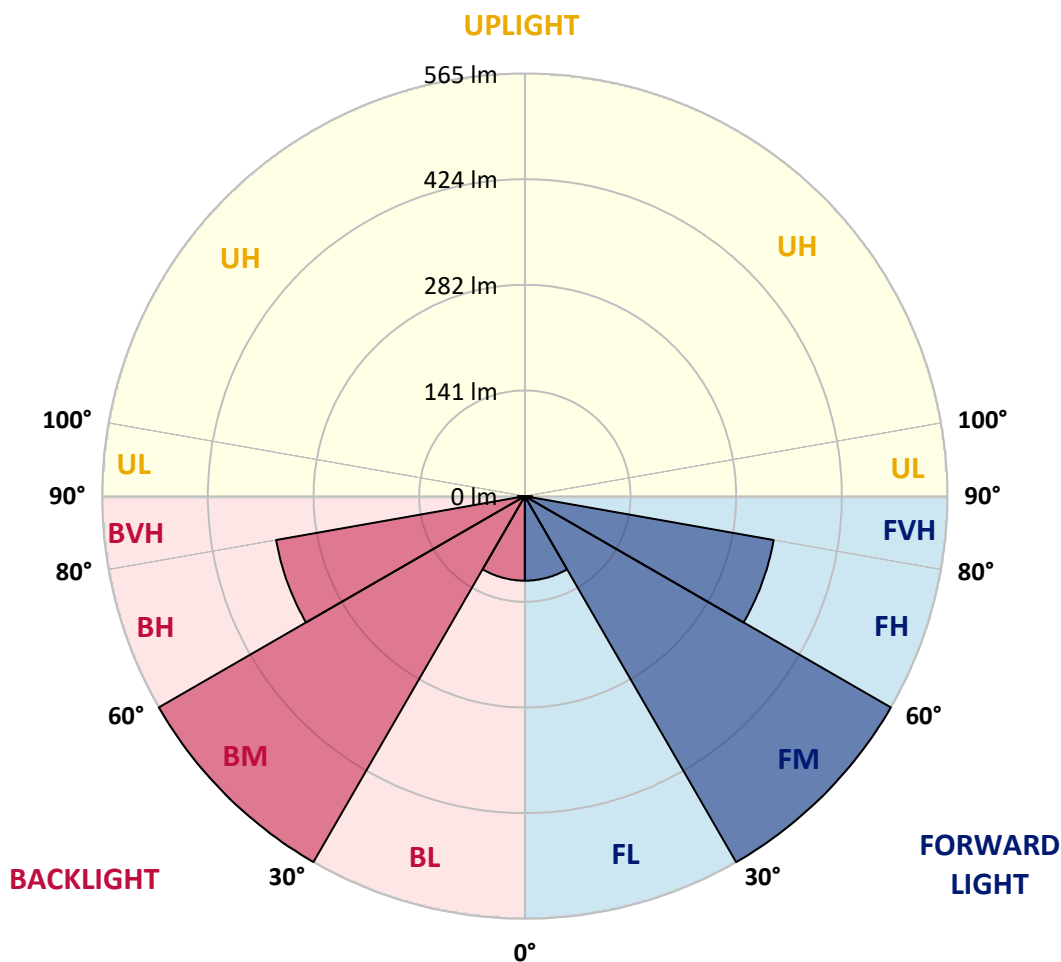
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	113.0	5.5			
FM (30°-60°)	564.8	27.6			
FH (60°-80°)	337.6	16.5			G0/660
FVH (80°-90°)	9.5	0.5			G0/10
BL (0°-30°)	113.0	5.5	B1/500		
BM (30°-60°)	564.8	27.6	B1/1000		
BH (60°-80°)	337.6	16.5	B1/500		G1/500
BVH (80°-90°)	9.5	0.5			G0/10
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°	208.6	208.6	208.6	208.6	208.6	208.6	208.6	208.6	208.6	208.6	208.6
2.5°	207.2	207.2	207.8	208.6	208.8	209.4	209.6	209.6	210.5	210.3	210.5
5°	206.6	206.6	207.7	209.0	210.5	212.2	214.0	215.0	217.2	217.7	217.8
7.5°	207.2	207.4	208.8	211.1	213.6	216.8	220.2	223.0	226.7	228.0	228.9
10°	209.4	209.6	211.5	214.6	218.4	223.1	228.0	232.4	238.3	241.0	241.4
12.5°	212.8	213.0	215.8	220.8	226.2	232.1	237.6	243.2	250.6	254.5	255.4
15°	218.0	217.5	222.0	229.3	237.0	244.4	249.2	254.7	262.5	267.7	269.0
17.5°	225.1	225.4	230.8	240.2	249.7	257.2	262.1	265.1	271.9	277.2	278.6
20°	233.9	235.2	242.2	253.1	264.1	272.1	275.5	275.0	278.9	283.4	284.5
22.5°	246.4	247.3	255.7	267.9	280.6	288.9	290.2	285.3	285.2	288.1	289.5
25°	261.2	261.9	270.7	284.9	298.3	307.0	305.7	297.3	292.9	293.0	293.9
27.5°	278.4	279.9	289.0	303.5	317.3	325.3	323.4	311.1	302.4	299.8	299.2
30°	300.8	302.4	311.7	325.6	337.8	344.9	341.9	326.5	313.5	309.1	308.2
32.5°	330.0	329.8	339.4	352.8	361.4	366.0	360.2	342.7	326.3	320.4	319.2
35°	360.1	361.5	371.0	383.9	390.4	390.7	381.6	361.8	342.4	332.2	330.0
37.5°	394.0	394.7	405.6	417.8	422.1	419.8	406.2	384.2	361.8	351.1	347.2
40°	428.7	429.5	442.2	453.9	458.7	453.1	435.2	409.0	384.8	373.0	370.8
42.5°	461.0	462.9	477.1	490.9	495.5	489.0	467.5	436.1	409.1	397.8	394.8
45°	487.8	489.9	505.8	523.5	531.6	526.3	502.0	466.6	437.1	424.9	419.9
47.5°	508.0	510.7	527.6	548.9	564.6	563.6	538.7	498.9	467.2	452.8	448.2
50°	521.9	524.7	543.0	565.8	589.5	597.5	576.0	534.6	500.7	484.5	481.4
52.5°	522.9	525.4	546.4	574.8	606.5	624.0	612.7	572.1	537.5	520.7	518.5
55°	499.9	501.7	529.6	567.4	613.4	644.4	646.1	613.1	576.9	559.9	558.9
57.5°	447.2	449.7	483.0	533.1	601.9	657.5	675.2	656.0	621.4	605.5	604.6
60°	361.2	364.5	402.5	469.1	560.4	654.1	699.8	696.2	670.0	654.5	653.9
62.5°	254.8	256.0	295.7	369.1	479.0	618.1	711.7	735.5	720.4	704.8	705.7
65°	149.7	151.4	180.4	246.4	363.3	535.5	691.1	762.7	760.8	746.5	748.0
67.5°	79.1	79.1	93.7	134.7	228.4	400.9	609.0	747.7	772.7	760.2	761.0
70°	54.7	54.5	57.2	67.6	110.4	248.5	455.6	669.0	748.4	743.7	745.6
72.5°	46.3	46.0	46.1	47.6	56.2	112.3	276.6	515.3	667.2	674.4	676.1
75°	40.5	40.1	39.8	39.5	40.2	51.0	126.2	317.9	494.6	540.0	539.1
77.5°	34.9	34.6	34.3	33.3	32.1	33.5	51.6	143.0	254.4	300.2	297.0
80°	28.7	28.7	29.2	27.7	25.5	24.6	30.8	53.4	84.5	88.1	81.1
82.5°	22.5	22.5	24.8	22.7	20.0	17.8	21.4	28.4	34.3	27.9	22.7
85°	15.9	16.1	20.6	18.9	15.5	10.3	13.3	16.9	19.3	12.2	9.6
87.5°	6.5	6.9	12.8	10.2	9.7	5.2	6.2	7.5	9.6	5.2	4.1
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)