

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: P672476

Luminaire Tested: **CCP-SA-1B-850-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672476
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1B-850-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5WQ
distribution lens
Light Source: (16) 5000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

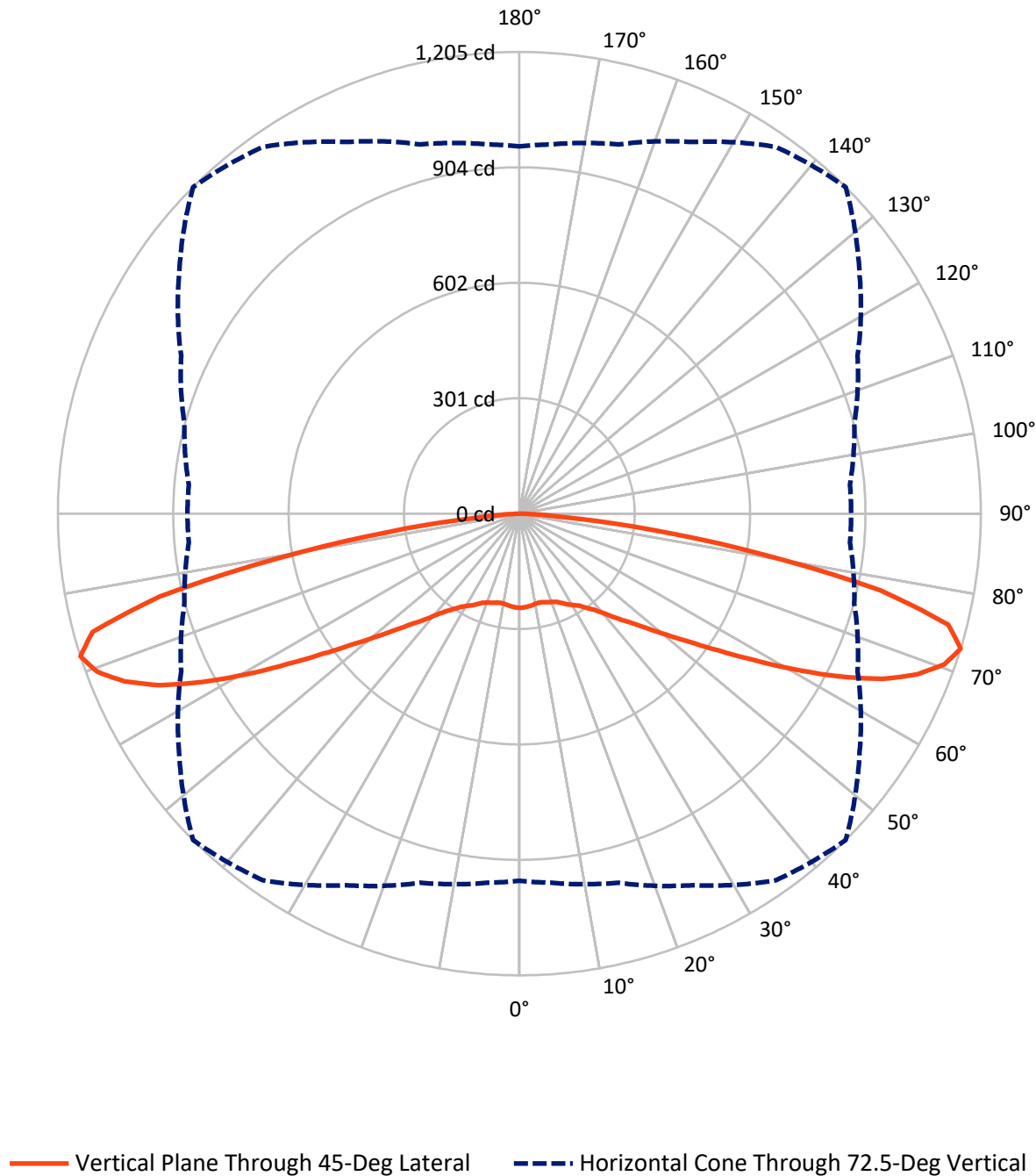
Lumens per Lamp: N/A
Luminaire Lumens: 3158.6 lumens
Efficiency: N/A
Efficacy: 131.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 24
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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Luminous Intensity Polar Plot



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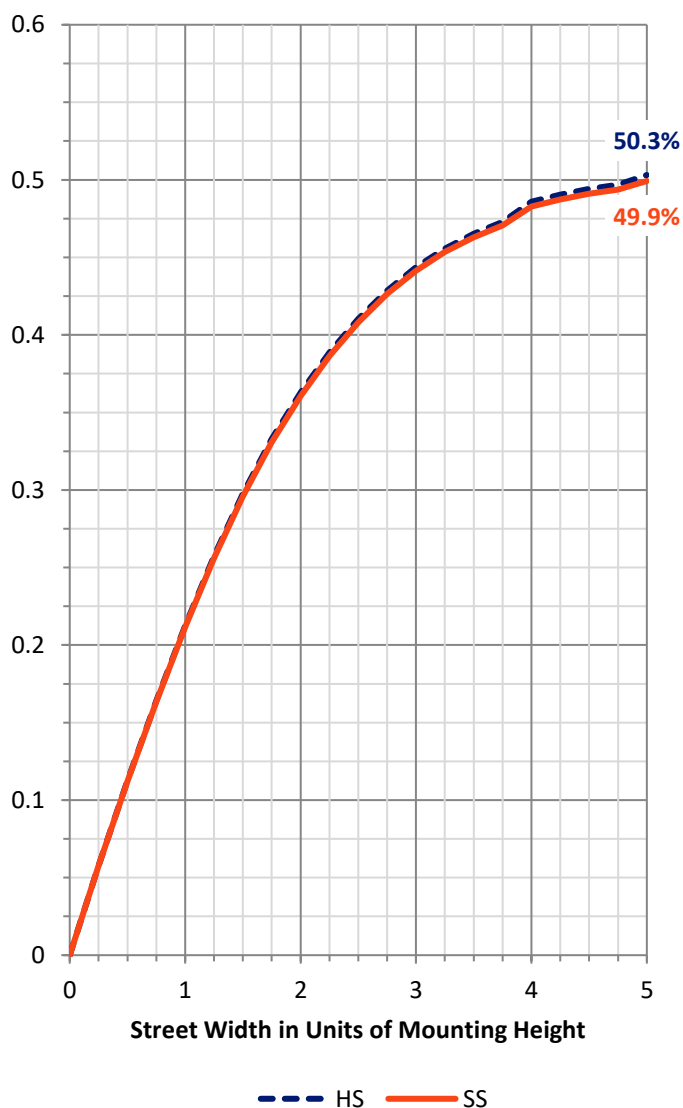
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1579.3	0.0	1579.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1579.3	0.0	1579.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	3158.6	0.0	3158.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.1	0.7
10°-20°	68.6	2.2
20°-30°	120.5	3.8
30°-40°	192.3	6.1
40°-50°	321.5	10.2
50°-60°	550.1	17.4
60°-70°	908.2	28.8
70°-80°	870.5	27.6
80°-90°	103.8	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°	3158.6	100.0
0°-180°	3158.6	100.0

Coefficient of Utilization



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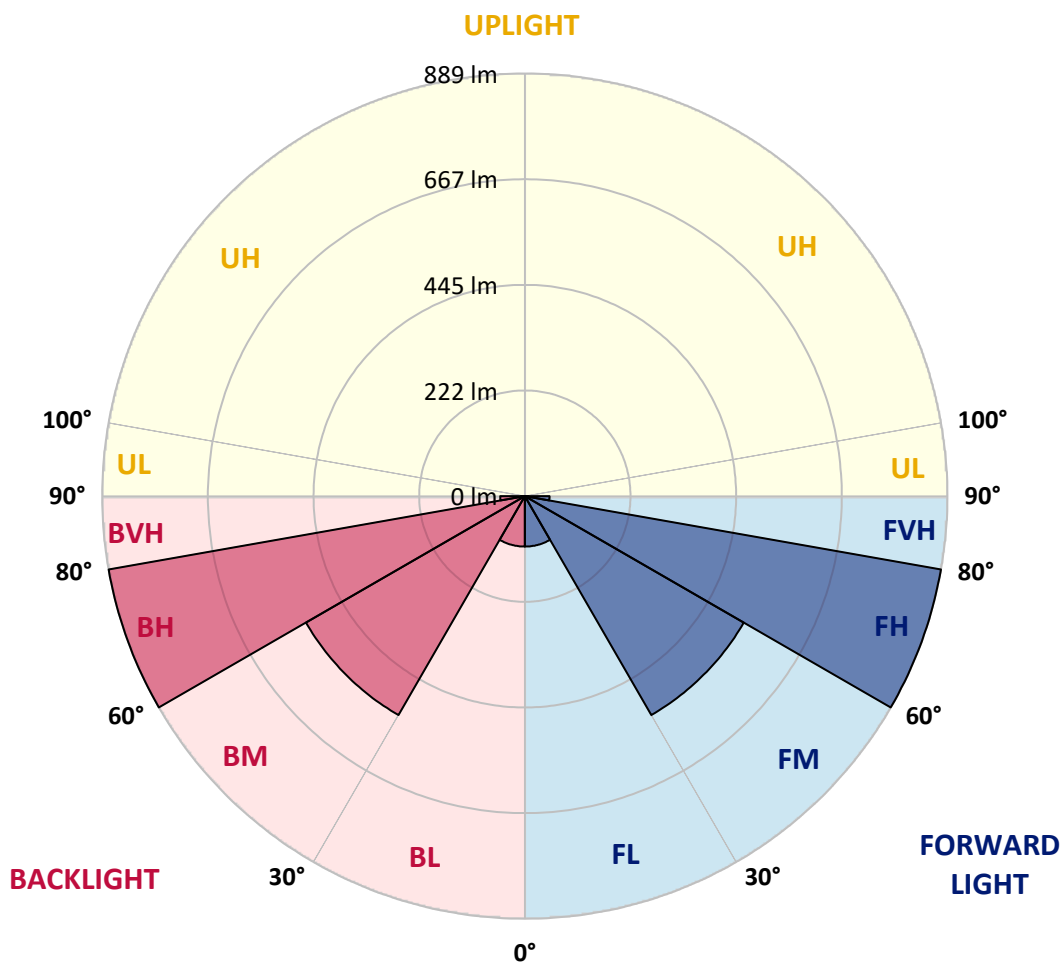
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	106.1	3.4			
FM	(30°-60°)	531.9	16.8			
FH	(60°-80°)	889.3	28.2			G1/1800
FVH	(80°-90°)	51.9	1.6			G1/100
BL	(0°-30°)	106.1	3.4	B0/110		
BM	(30°-60°)	531.9	16.8	B1/1000		
BH	(60°-80°)	889.3	28.2	B2/1000		G1/1800
BVH	(80°-90°)	51.9	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°	246.0	246.0	246.0	246.0	246.0	246.0	246.0	246.0	246.0	246.0	246.0
2.5°	244.4	244.4	245.1	245.3	245.1	244.9	244.6	244.4	245.1	244.9	245.1
5°	243.8	243.8	244.0	244.2	243.8	243.5	243.1	242.9	243.3	243.3	243.8
7.5°	242.0	241.8	242.0	242.2	241.6	241.3	240.7	240.7	240.7	240.5	240.9
10°	240.5	240.0	240.0	239.6	238.5	238.7	237.8	238.5	239.6	239.8	240.0
12.5°	241.1	240.7	240.2	239.1	237.6	237.8	237.6	238.2	239.8	240.7	241.3
15°	244.2	243.8	242.7	240.7	239.8	239.8	239.4	239.6	241.8	243.1	243.8
17.5°	247.5	246.6	244.6	243.3	242.4	243.1	241.6	241.3	243.1	245.1	245.7
20°	250.2	249.5	247.1	245.5	245.5	246.2	244.6	243.8	245.7	248.2	248.8
22.5°	254.8	254.3	251.9	250.4	250.4	250.6	249.7	249.0	251.3	253.7	254.3
25°	261.4	261.4	259.0	258.3	258.1	258.5	257.4	256.8	258.7	260.5	261.2
27.5°	269.1	268.4	266.5	266.0	266.9	268.4	266.5	264.7	266.2	267.8	268.0
30°	277.3	277.3	275.5	275.5	276.2	276.8	275.1	273.3	274.8	276.6	276.8
32.5°	288.7	288.1	287.4	287.6	287.4	286.5	285.6	285.4	286.7	287.8	288.3
35°	302.8	302.6	301.7	302.2	302.2	302.2	299.5	298.6	300.8	301.7	301.3
37.5°	324.6	324.4	322.2	320.9	319.4	318.7	315.4	315.2	320.5	323.1	322.7
40°	351.3	350.4	348.4	346.2	344.3	342.9	339.6	342.1	347.6	349.6	349.6
42.5°	380.4	379.3	377.1	376.0	374.7	373.4	368.9	370.0	376.7	378.6	376.4
45°	416.1	414.6	412.1	409.7	407.7	405.1	402.9	404.0	411.0	413.5	411.7
47.5°	454.0	453.6	451.6	449.6	447.8	446.1	443.2	445.2	451.4	450.9	447.4
50°	494.1	495.0	495.2	497.2	495.9	496.1	490.8	489.7	494.6	491.7	487.3
52.5°	537.3	538.7	543.3	547.2	554.5	555.4	548.8	541.7	540.9	533.4	528.7
55°	587.4	587.1	597.3	608.3	624.4	629.5	614.7	601.5	594.2	579.6	574.8
57.5°	644.0	643.3	658.8	678.2	707.3	719.8	692.7	667.6	650.0	632.5	627.5
60°	705.5	707.0	725.8	757.3	807.5	824.9	784.0	742.3	715.4	692.7	690.7
62.5°	777.3	777.6	799.6	842.4	907.6	935.6	879.2	822.7	788.6	763.7	758.4
65°	862.2	863.7	887.3	930.5	1005.5	1040.1	975.0	906.3	865.9	832.2	831.6
67.5°	949.3	948.4	970.0	1015.8	1088.1	1120.1	1052.0	975.3	922.8	880.7	875.2
70°	1005.0	1009.9	1033.2	1077.1	1146.3	1177.4	1094.5	1001.9	947.0	908.5	905.8
72.5°	958.1	967.1	997.3	1070.0	1168.1	1204.9	1084.4	974.4	905.2	866.4	866.4
75°	777.8	792.8	834.9	946.8	1092.7	1156.4	1003.9	852.7	752.0	710.6	710.6
77.5°	473.9	488.2	545.0	681.7	882.5	964.0	818.3	642.2	525.6	475.0	468.3
80°	157.6	166.8	222.6	346.5	541.7	641.6	548.3	364.8	235.4	179.4	178.5
82.5°	41.9	45.6	63.5	100.5	235.2	347.6	250.8	120.3	69.0	53.6	49.4
85°	14.5	15.6	26.9	33.5	59.7	115.0	69.9	43.6	33.5	20.3	19.0
87.5°	4.2	4.6	10.8	11.7	17.2	13.4	19.0	17.4	15.9	6.6	6.0
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)