

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: P672742

Luminaire Tested: **CCP-SA-1B-835-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672742
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1B-835-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5NQ
distribution lens
Light Source: (16) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2961.4 lumens
Efficiency: N/A
Efficacy: 123.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B1 - U0 - G0

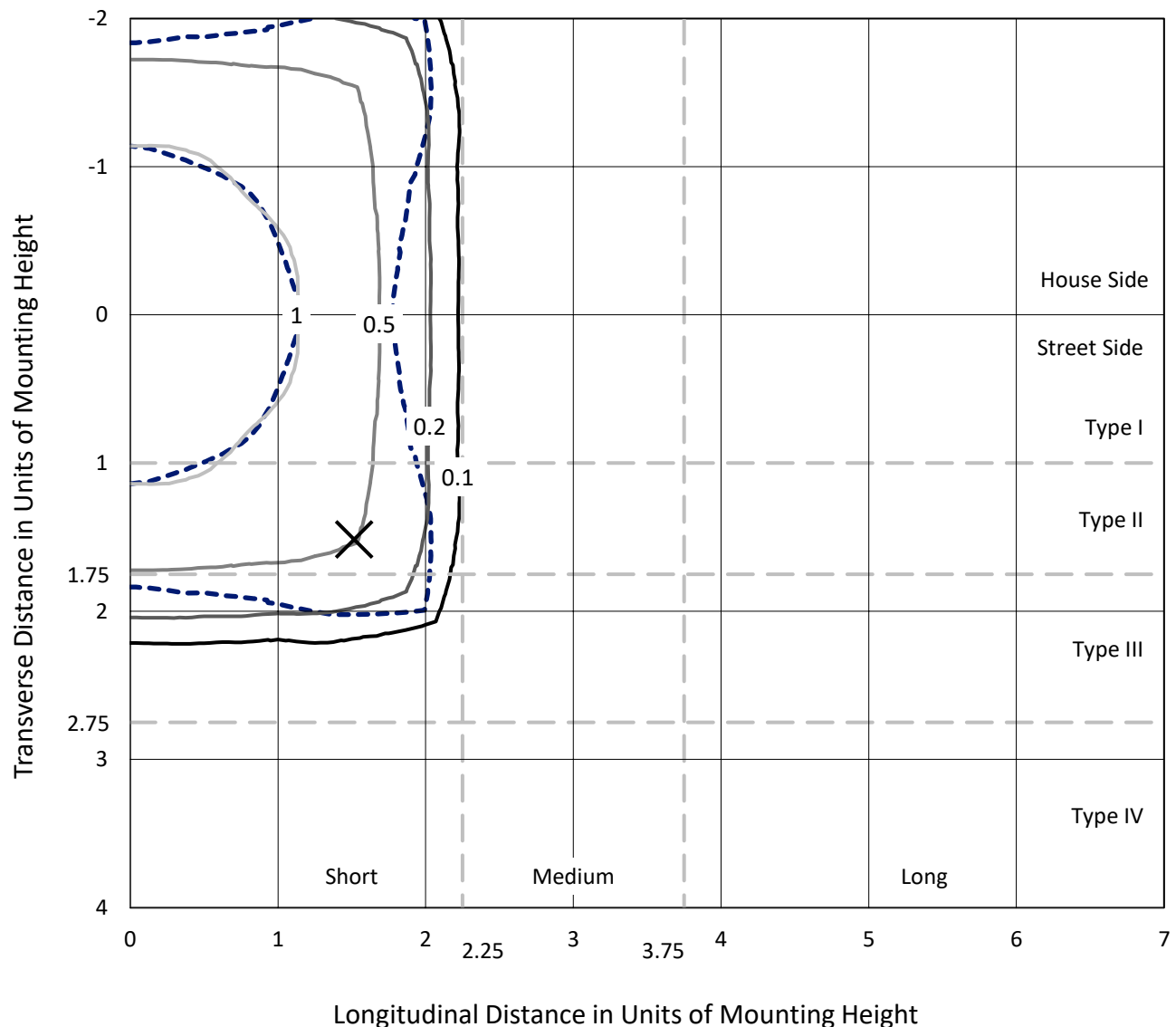
Input Watts (W): 24
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

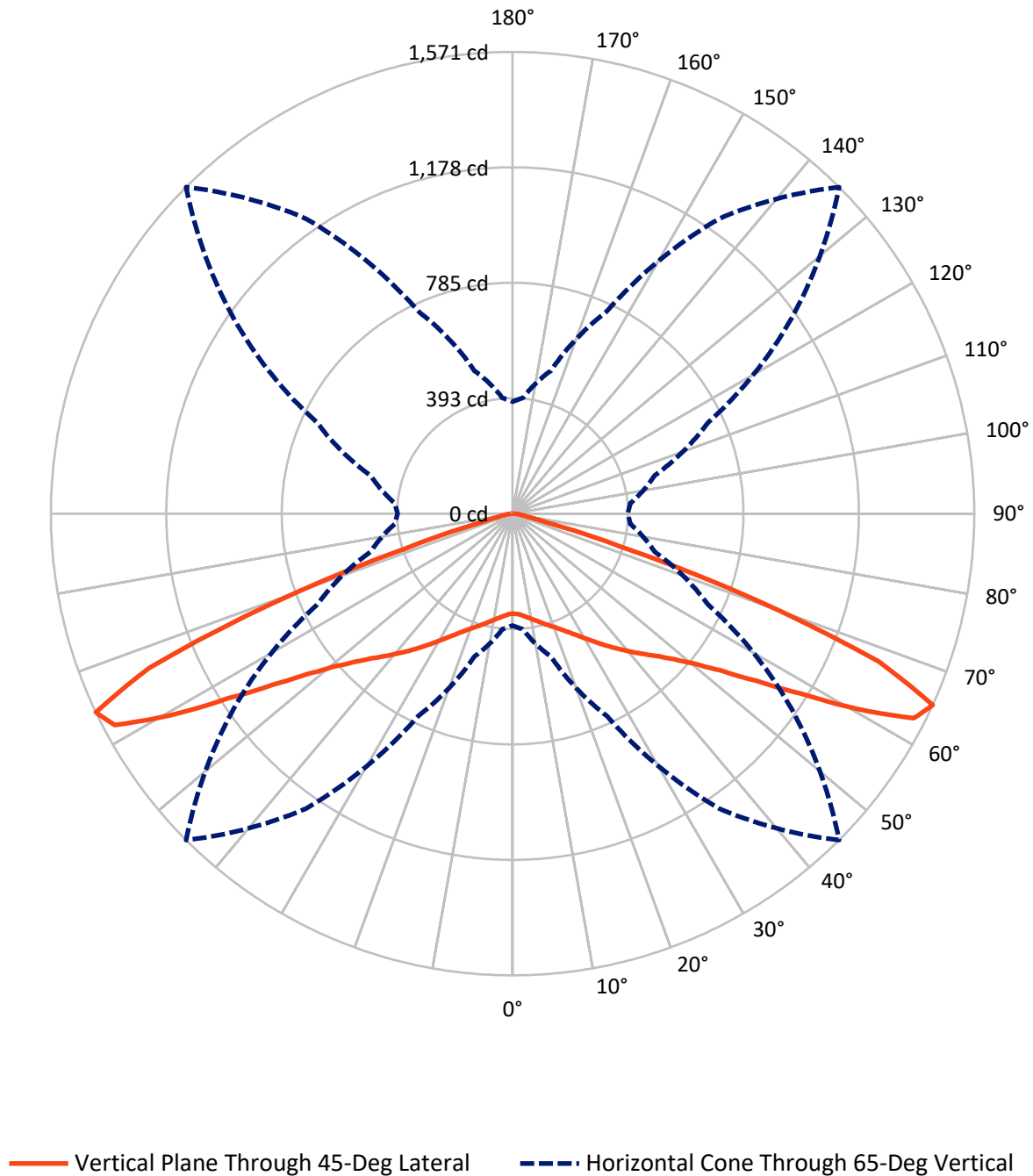


Based on 15 foot mounting height. Maximum calculated value = 1.5 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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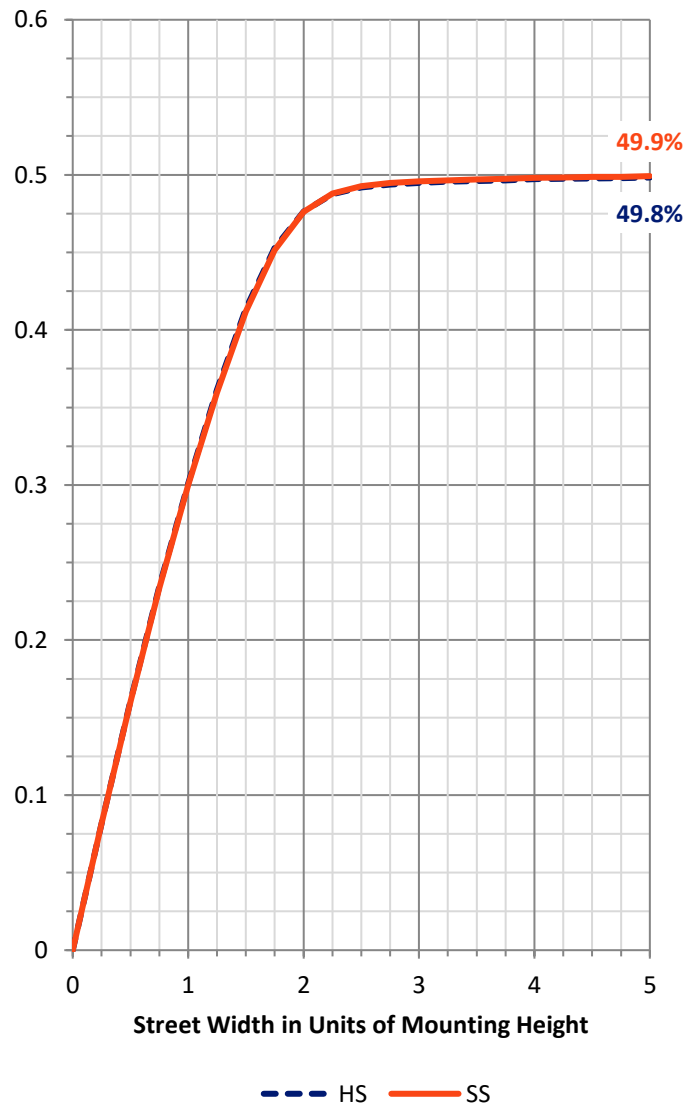
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1480.7	0.0	1480.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1480.7	0.0	1480.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	2961.4	0.0	2961.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.7	1.1
10°-20°	110.1	3.7
20°-30°	208.8	7.1
30°-40°	350.2	11.8
40°-50°	554.1	18.7
50°-60°	870.5	29.4
60°-70°	735.5	24.8
70°-80°	85.6	2.9
80°-90°	12.8	0.4
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°	2961.4	100.0
0°-180°	2961.4	100.0

Coefficient of Utilization



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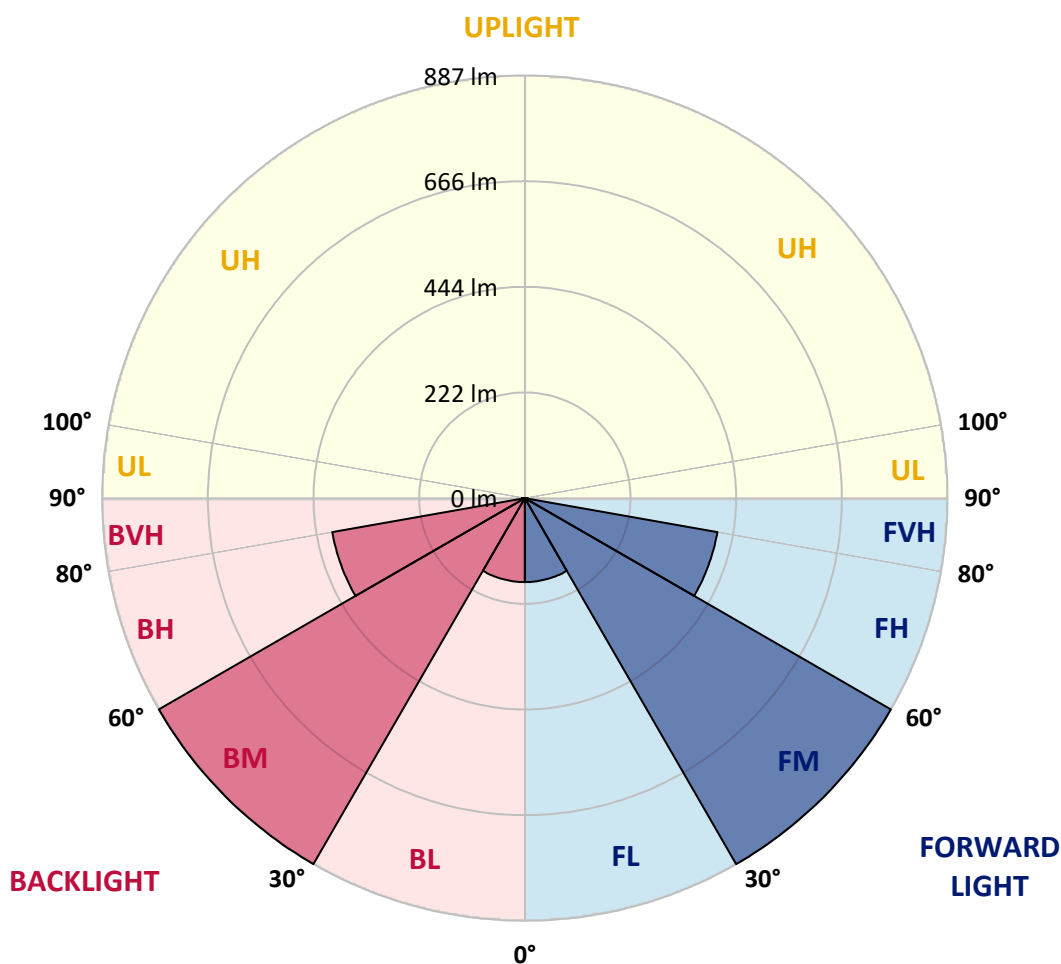
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	176.3	6.0			
FM	(30°-60°)	887.4	30.0			
FH	(60°-80°)	410.6	13.9			G0/660
FVH	(80°-90°)	6.4	0.2			G0/10
BL	(0°-30°)	176.3	6.0	B1/500		
BM	(30°-60°)	887.4	30.0	B1/1000		
BH	(60°-80°)	410.6	13.9	B1/500		G0/660
BVH	(80°-90°)	6.4	0.2			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G0

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	340.5	340.5	340.5	340.5	340.5	340.5	340.5	340.5	340.5	340.5	340.5
2.5°	342.4	341.3	342.4	342.4	341.8	342.0	341.1	340.9	342.0	341.1	340.9
5°	349.5	348.6	349.5	348.8	347.8	348.0	346.7	346.3	347.6	346.3	346.5
7.5°	357.6	356.1	356.5	357.2	356.1	356.1	355.1	354.4	355.1	353.8	354.7
10°	364.4	363.2	363.8	364.6	364.4	365.1	364.0	363.6	363.0	361.5	362.8
12.5°	373.4	373.0	373.8	374.8	374.4	375.3	373.0	372.3	372.1	370.5	371.9
15°	385.0	384.0	385.5	386.7	386.1	387.5	385.7	384.8	383.8	381.7	383.0
17.5°	396.7	395.9	397.9	398.6	398.8	400.0	398.6	397.3	396.9	395.5	394.6
20°	410.6	409.6	411.3	412.5	411.5	412.9	412.3	411.5	411.1	408.8	408.6
22.5°	426.3	424.8	427.3	428.8	427.3	428.8	427.5	427.3	427.5	424.2	424.6
25°	443.7	443.9	446.4	447.5	446.7	447.5	445.6	446.9	446.2	442.7	441.4
27.5°	466.2	465.4	468.1	471.2	469.1	469.1	468.3	469.5	469.3	466.0	465.2
30°	492.4	492.2	496.2	498.1	495.1	493.9	493.7	496.8	497.0	493.5	492.0
32.5°	519.9	519.9	524.7	527.0	522.8	522.0	521.2	525.3	524.7	519.9	516.8
35°	550.1	548.8	555.3	558.6	554.5	552.0	551.6	555.3	554.5	547.8	544.1
37.5°	579.9	580.7	588.2	591.9	586.9	583.8	584.9	587.4	587.6	580.3	576.3
40°	616.3	616.5	625.9	628.8	622.3	617.5	619.0	624.6	624.2	615.2	610.2
42.5°	657.1	656.2	667.9	670.4	661.7	652.5	656.9	665.6	667.7	657.7	652.5
45°	700.8	702.0	714.1	716.8	703.1	691.4	700.8	713.9	716.6	705.8	699.3
47.5°	753.9	755.3	769.9	770.9	755.3	740.1	752.6	769.7	770.7	755.7	748.2
50°	814.4	819.4	835.7	837.7	822.3	802.8	820.7	835.9	831.9	811.9	805.1
52.5°	883.1	887.1	912.5	921.2	907.7	886.6	901.0	910.4	897.7	871.5	860.8
55°	941.6	948.3	982.0	1008.6	1018.8	1003.0	1001.3	987.6	952.2	912.2	901.2
57.5°	958.0	964.5	1016.7	1085.4	1146.0	1153.9	1117.3	1048.4	972.2	910.6	899.3
60°	891.2	900.0	976.4	1106.4	1280.2	1351.8	1219.4	1053.6	920.4	837.7	823.6
62.5°	700.0	716.2	814.8	1018.8	1334.3	1532.1	1261.5	963.9	764.1	666.4	647.7
65°	380.7	394.6	503.5	759.3	1224.7	1570.6	1158.5	733.9	499.7	401.7	391.5
67.5°	142.8	153.0	202.9	375.3	865.8	1342.7	879.4	420.2	226.9	162.8	148.4
70°	60.8	62.0	73.5	130.7	393.6	873.5	450.2	142.8	75.8	61.2	59.5
72.5°	43.7	43.9	47.0	57.9	119.9	383.2	136.1	59.9	46.2	41.6	41.6
75°	35.0	35.2	37.0	41.8	56.6	112.8	58.7	42.0	35.8	32.7	32.3
77.5°	27.5	27.9	29.8	32.7	37.9	51.6	39.8	33.1	28.7	25.8	25.4
80°	20.4	21.0	23.5	25.0	26.6	34.3	28.9	25.8	22.9	19.8	19.1
82.5°	13.5	14.2	17.5	18.5	18.3	21.6	20.0	19.8	17.5	13.1	12.5
85°	8.1	8.5	11.2	12.1	11.2	10.6	12.7	13.7	12.3	8.5	7.9
87.5°	3.5	3.5	5.0	5.2	5.0	4.0	6.0	7.1	7.3	4.4	4.0
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)