

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: P672736

Luminaire Tested: **CCP-SA-2A-830-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672736
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-830-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5NQ
distribution lens
Light Source: (32) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4524.3 lumens
Efficiency: N/A
Efficacy: 125.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

Input Watts (W): 36.2
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

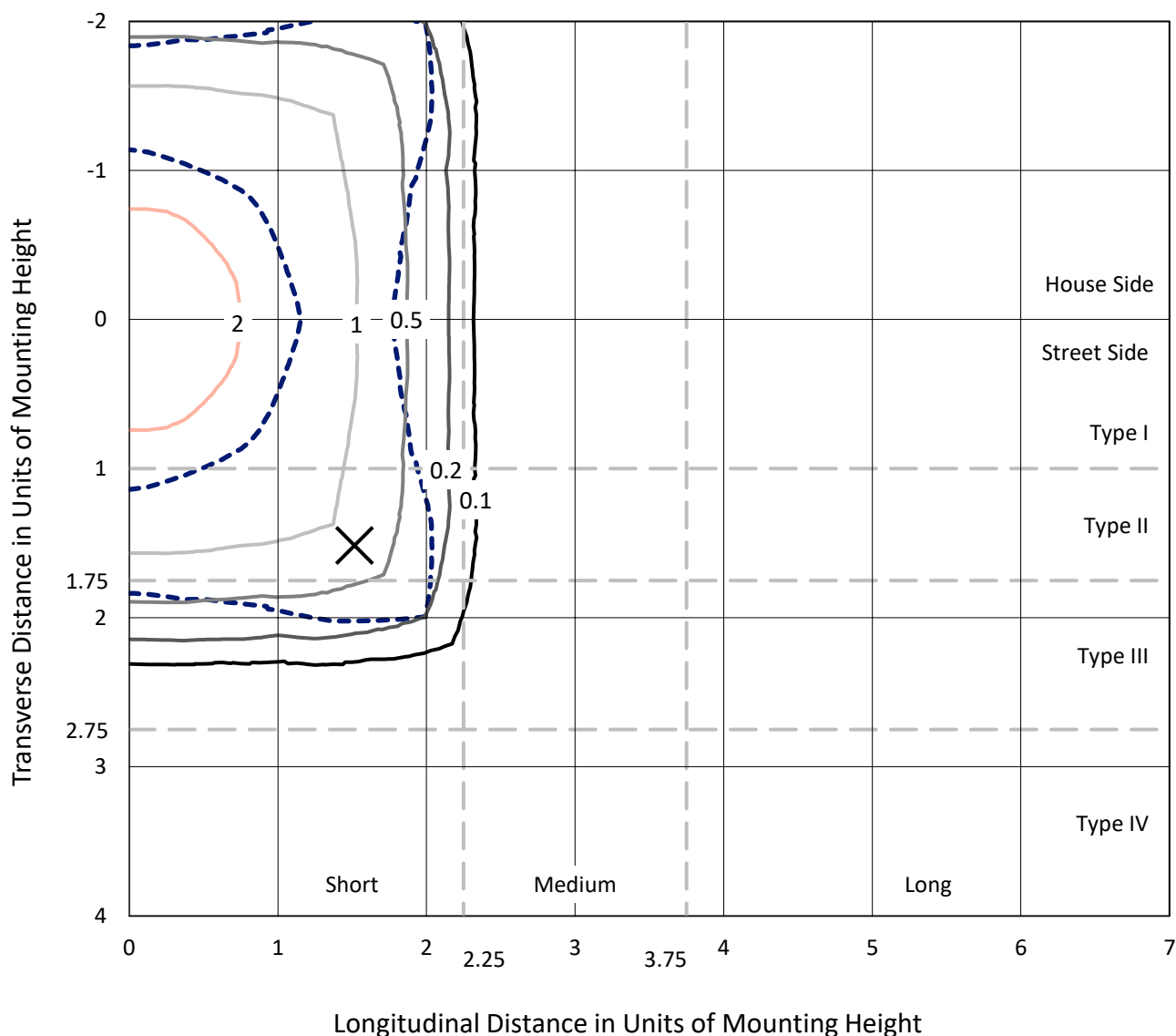
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



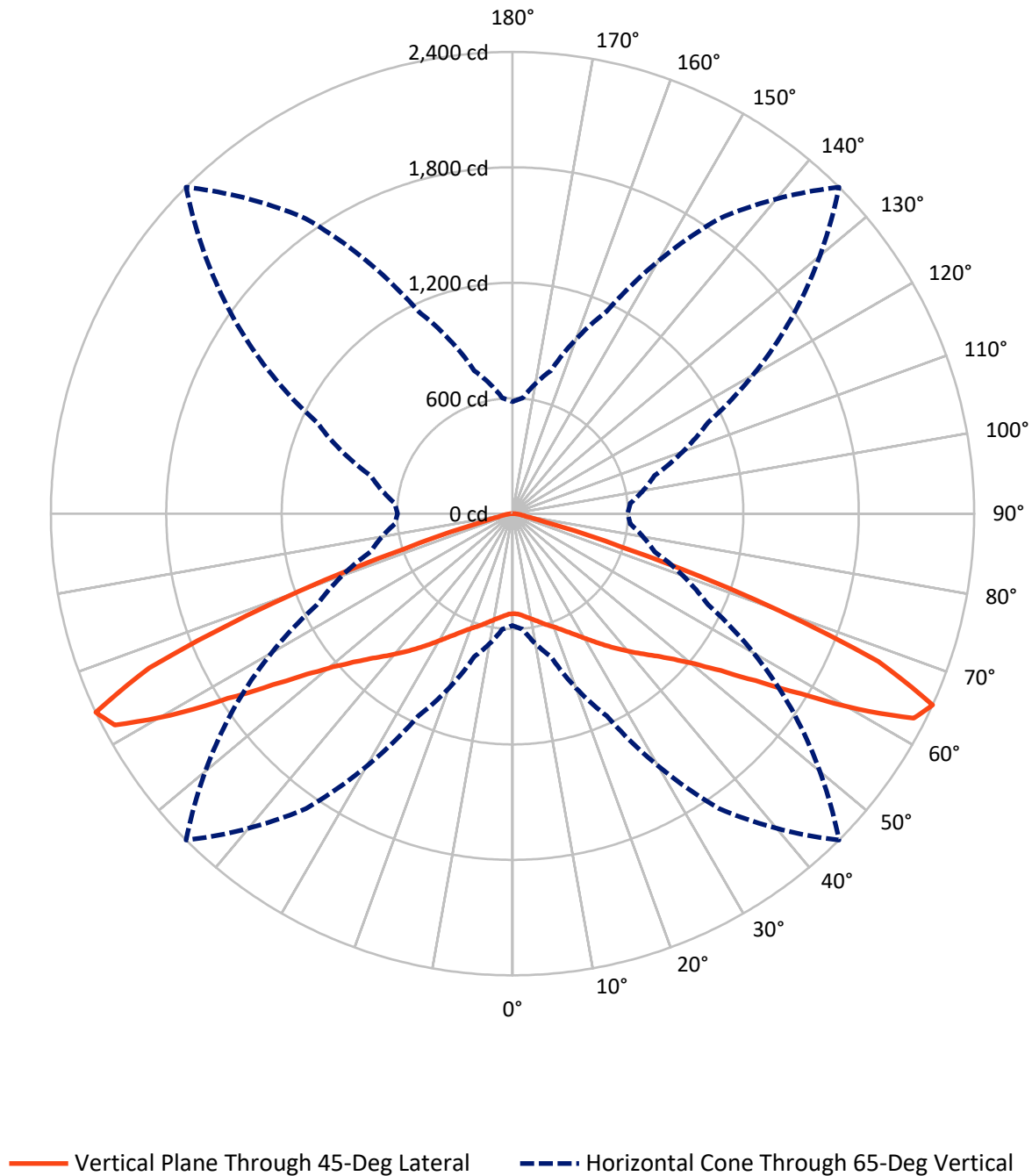
Based on 15 foot mounting height. Maximum calculated value = 2.4 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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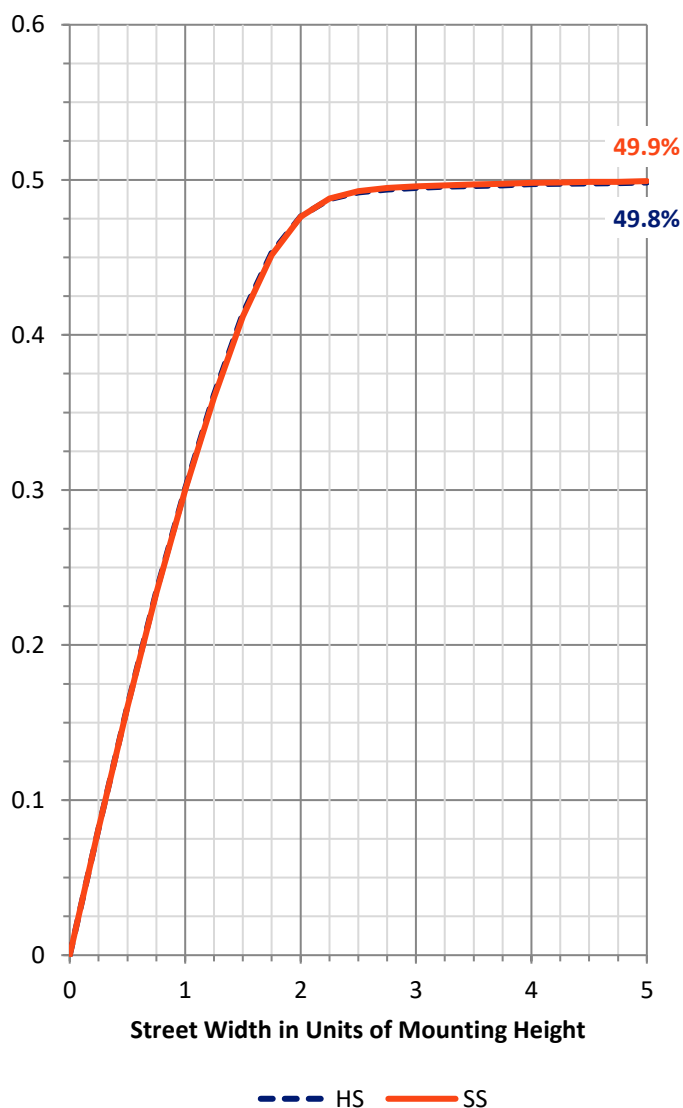
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2262.2	0.0	2262.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2262.2	0.0	2262.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	4524.3	0.0	4524.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.5	1.1
10°-20°	168.2	3.7
20°-30°	319.0	7.1
30°-40°	535.0	11.8
40°-50°	846.6	18.7
50°-60°	1330.0	29.4
60°-70°	1123.7	24.8
70°-80°	130.8	2.9
80°-90°	19.5	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°	4524.3	100.0
0°-180°	4524.3	100.0

Coefficient of Utilization



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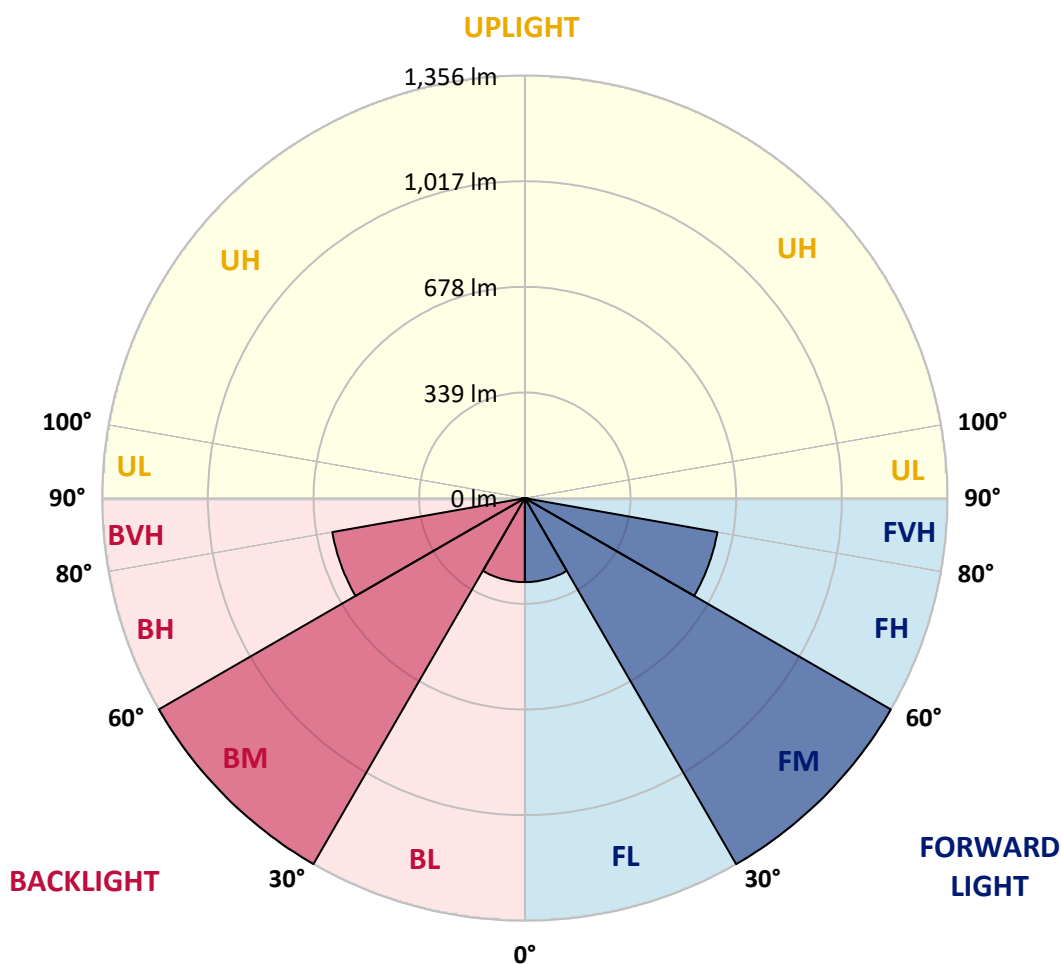
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	269.4	6.0			
FM	(30°-60°)	1355.8	30.0			
FH	(60°-80°)	627.3	13.9			G0/660
FVH	(80°-90°)	9.7	0.2			G0/10
BL	(0°-30°)	269.4	6.0	B1/500		
BM	(30°-60°)	1355.8	30.0	B2/2500		
BH	(60°-80°)	627.3	13.9	B2/1000		G0/660
BVH	(80°-90°)	9.7	0.2			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2
2.5°	523.1	521.5	523.1	523.1	522.1	522.4	521.2	520.9	522.4	521.2	520.9
5°	533.9	532.6	533.9	532.9	531.4	531.7	529.8	529.1	531.0	529.1	529.4
7.5°	546.3	544.1	544.7	545.7	544.1	544.1	542.5	541.5	542.5	540.6	541.8
10°	556.8	554.9	555.8	557.1	556.8	557.7	556.2	555.5	554.6	552.3	554.2
12.5°	570.5	569.8	571.1	572.7	572.1	573.3	569.8	568.9	568.6	566.0	568.2
15°	588.3	586.7	588.9	590.8	589.9	592.1	589.2	588.0	586.4	583.2	585.1
17.5°	606.1	604.8	608.0	608.9	609.3	611.2	608.9	607.0	606.4	604.2	602.9
20°	627.4	625.8	628.3	630.2	628.7	630.9	629.9	628.7	628.0	624.5	624.2
22.5°	651.2	649.0	652.8	655.0	652.8	655.0	653.1	652.8	653.1	648.1	648.7
25°	677.9	678.3	682.1	683.7	682.4	683.7	680.8	682.7	681.8	676.4	674.4
27.5°	712.3	711.0	715.1	719.9	716.7	716.7	715.5	717.4	717.1	712.0	710.7
30°	752.4	752.0	758.1	760.9	756.5	754.6	754.3	759.0	759.3	753.9	751.7
32.5°	794.3	794.3	801.6	805.1	798.8	797.5	796.2	802.6	801.6	794.3	789.6
35°	840.4	838.5	848.4	853.5	847.1	843.3	842.7	848.4	847.1	836.9	831.2
37.5°	885.9	887.2	898.6	904.3	896.7	891.9	893.5	897.4	897.7	886.5	880.5
40°	941.6	941.9	956.2	960.6	950.8	943.5	945.7	954.3	953.6	940.0	932.3
42.5°	1003.9	1002.6	1020.4	1024.2	1010.9	996.9	1003.6	1016.9	1020.1	1004.8	996.9
45°	1070.7	1072.6	1091.0	1095.1	1074.2	1056.3	1070.7	1090.7	1094.8	1078.3	1068.4
47.5°	1151.7	1154.0	1176.2	1177.8	1154.0	1130.8	1149.8	1175.9	1177.5	1154.6	1143.2
50°	1244.3	1251.9	1276.7	1279.9	1256.4	1226.5	1253.8	1277.0	1271.0	1240.5	1230.0
52.5°	1349.2	1355.2	1394.0	1407.4	1386.7	1354.6	1376.6	1390.9	1371.5	1331.4	1315.2
55°	1438.6	1448.7	1500.3	1541.0	1556.5	1532.4	1529.8	1508.8	1454.8	1393.7	1376.9
57.5°	1463.7	1473.5	1553.4	1658.3	1750.8	1762.9	1706.9	1601.7	1485.3	1391.2	1374.0
60°	1361.6	1375.0	1491.7	1690.4	1955.9	2065.3	1863.1	1609.6	1406.1	1279.9	1258.3
62.5°	1069.4	1094.2	1244.9	1556.5	2038.6	2340.7	1927.3	1472.6	1167.3	1018.2	989.6
65°	581.6	602.9	769.2	1160.0	1871.0	2399.5	1769.9	1121.2	763.5	613.7	598.1
67.5°	218.1	233.7	310.0	573.3	1322.8	2051.3	1343.5	642.0	346.6	248.7	226.7
70°	92.9	94.8	112.2	199.7	601.3	1334.6	687.8	218.1	115.7	93.5	90.9
72.5°	66.8	67.1	71.9	88.4	183.2	585.4	208.0	91.6	70.6	63.6	63.6
75°	53.4	53.7	56.6	63.9	86.5	172.3	89.7	64.2	54.7	49.9	49.3
77.5°	42.0	42.6	45.5	49.9	57.9	78.9	60.7	50.6	43.9	39.4	38.8
80°	31.2	32.1	35.9	38.2	40.7	52.5	44.2	39.4	35.0	30.2	29.3
82.5°	20.7	21.6	26.7	28.3	28.0	33.1	30.5	30.2	26.7	20.0	19.1
85°	12.4	13.0	17.2	18.4	17.2	16.2	19.4	21.0	18.8	13.0	12.1
87.5°	5.4	5.4	7.6	7.9	7.6	6.0	9.2	10.8	11.1	6.7	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)