

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: P672703

Luminaire Tested: **CCP-SA-2A-750-U-5NQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672703
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-750-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5NQ
distribution lens
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5824.3 lumens
Efficiency: N/A
Efficacy: 160.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

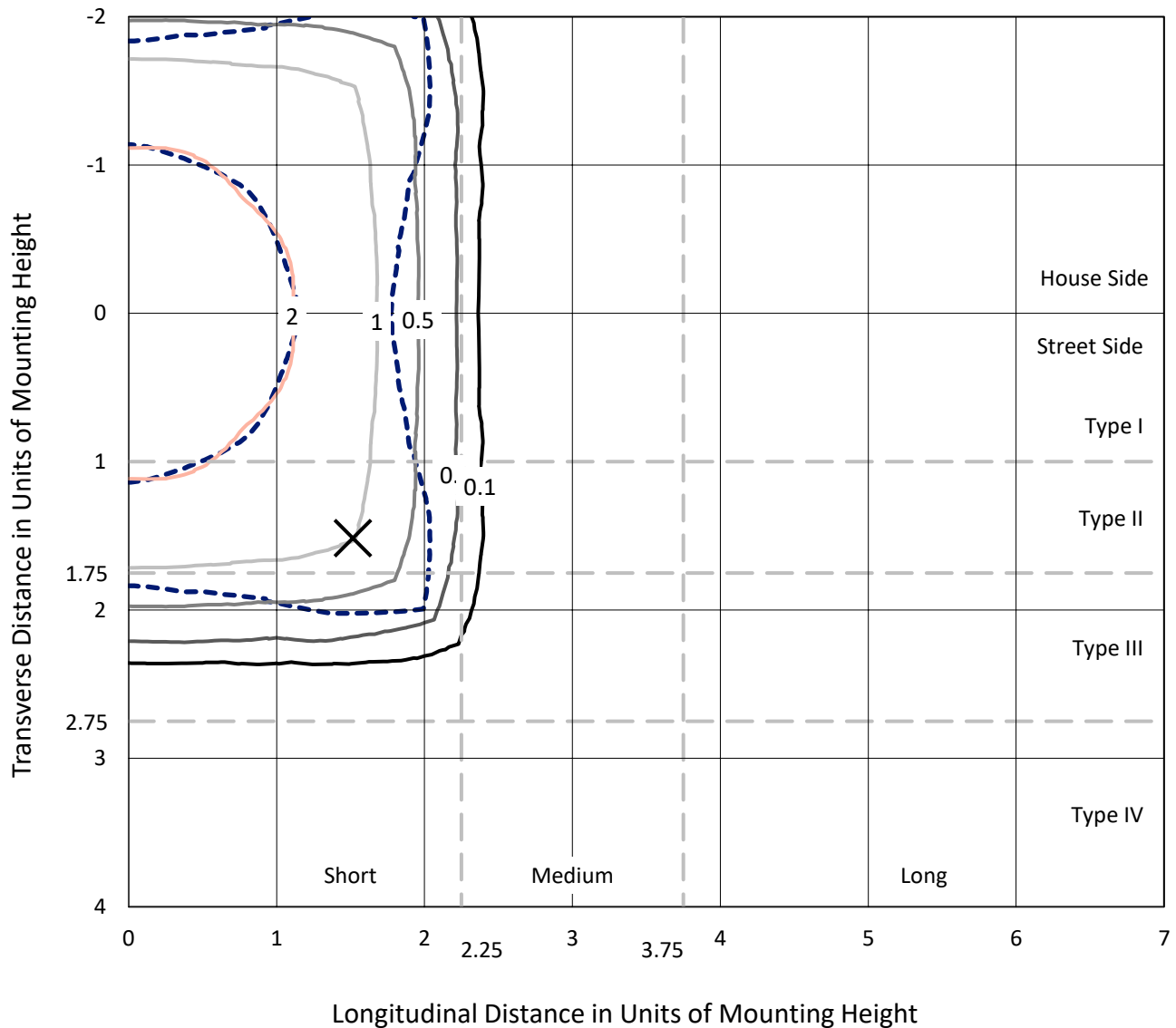
Input Watts (W): 36.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

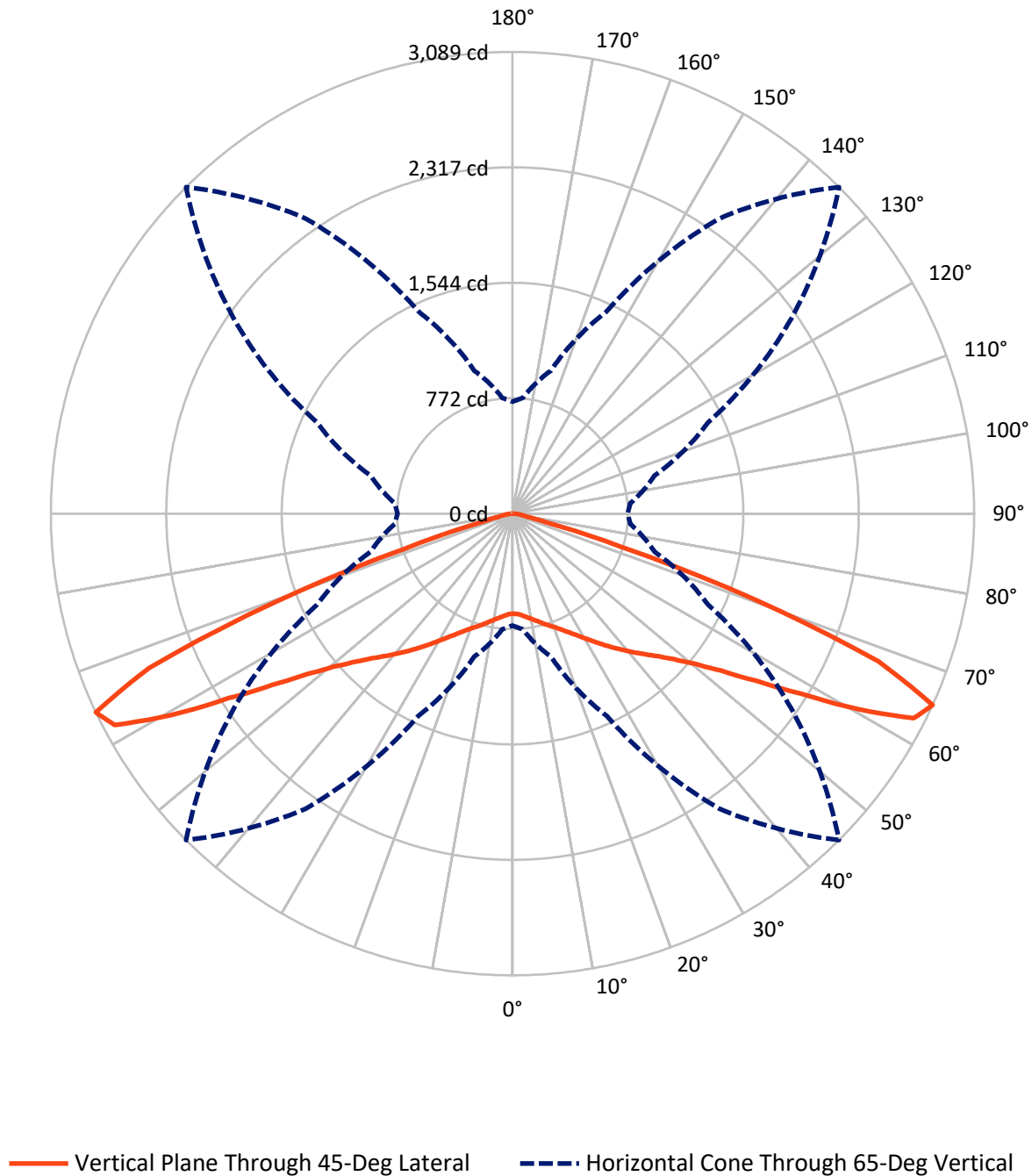


Based on 15 foot mounting height. Maximum calculated value = 3 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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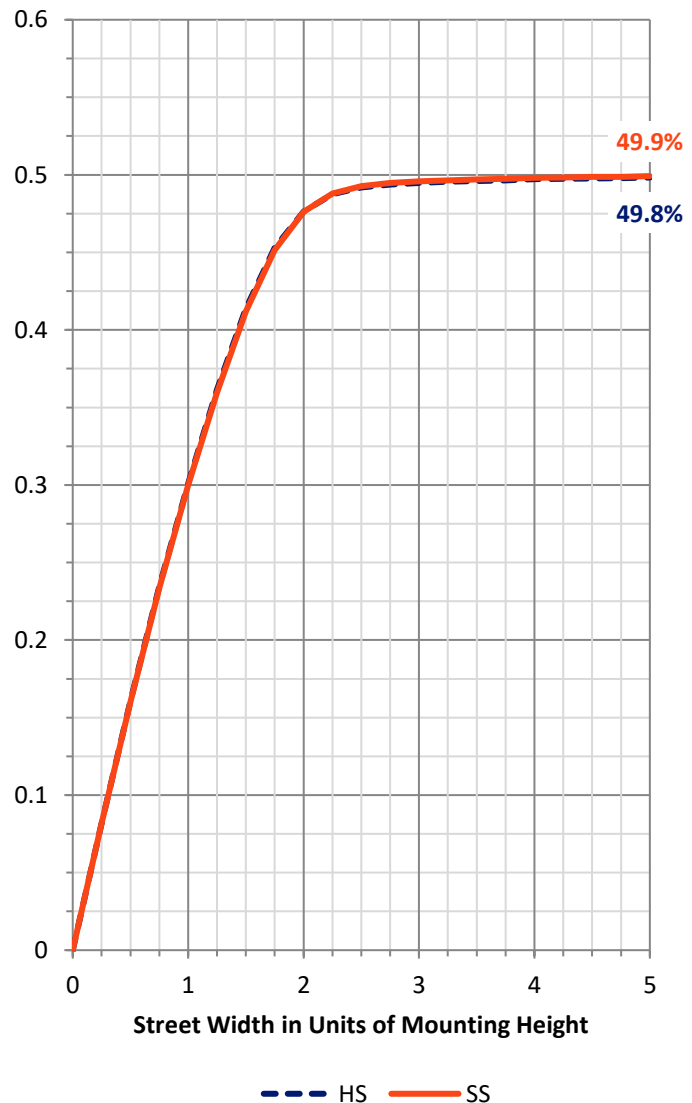
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2912.1	0.0	2912.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2912.1	0.0	2912.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	5824.3	0.0	5824.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.3	1.1
10°-20°	216.5	3.7
20°-30°	410.7	7.1
30°-40°	688.7	11.8
40°-50°	1089.8	18.7
50°-60°	1712.1	29.4
60°-70°	1446.6	24.8
70°-80°	168.4	2.9
80°-90°	25.1	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°	5824.3	100.0
0°-180°	5824.3	100.0

Coefficient of Utilization



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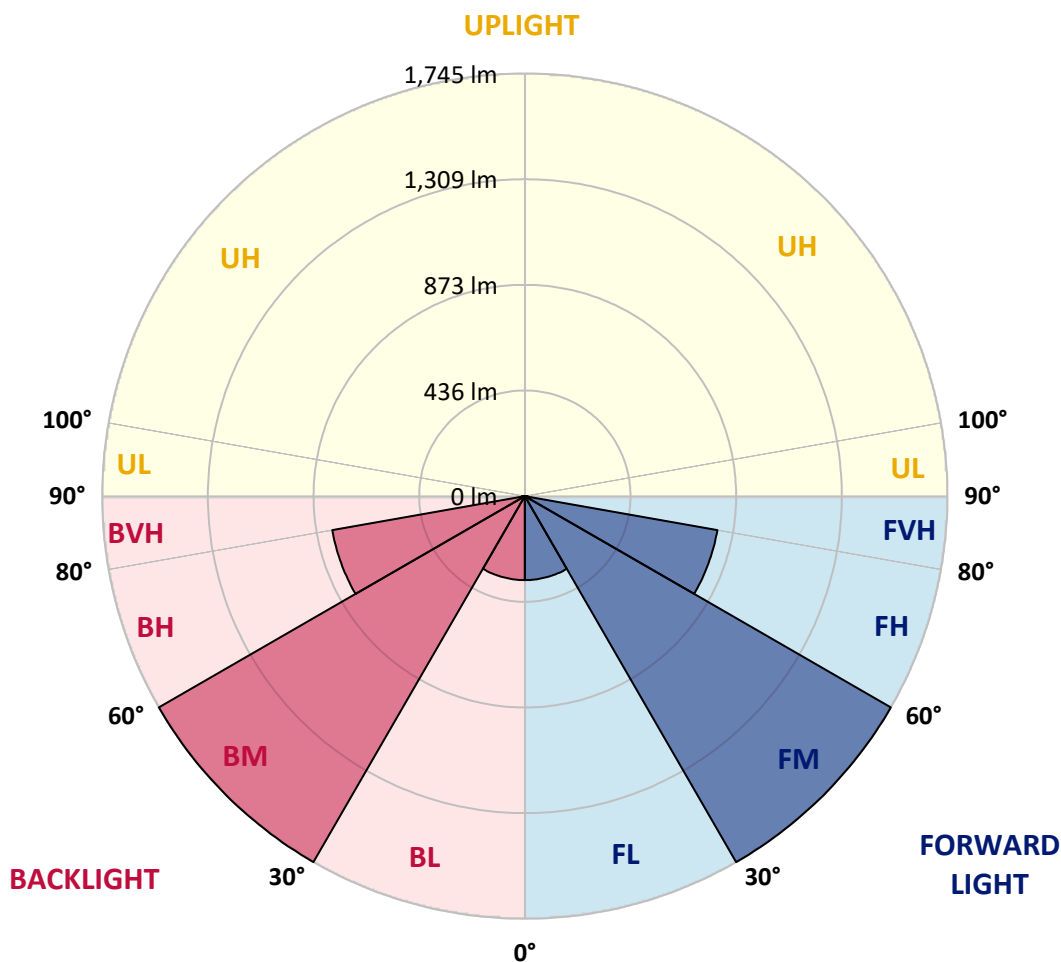
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	346.7	6.0			
FM	(30°-60°)	1745.3	30.0			
FH	(60°-80°)	807.5	13.9			G1/1800
FVH	(80°-90°)	12.5	0.2			G1/100
BL	(0°-30°)	346.7	6.0	B1/500		
BM	(30°-60°)	1745.3	30.0	B2/2500		
BH	(60°-80°)	807.5	13.9	B2/1000		G1/1800
BVH	(80°-90°)	12.5	0.2			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°	669.7	669.7	669.7	669.7	669.7	669.7	669.7	669.7	669.7	669.7	669.7
2.5°	673.4	671.3	673.4	673.4	672.1	672.6	670.9	670.5	672.6	670.9	670.5
5°	687.3	685.7	687.3	686.1	684.0	684.4	682.0	681.2	683.6	681.2	681.6
7.5°	703.3	700.4	701.2	702.4	700.4	700.4	698.3	697.1	698.3	695.9	697.5
10°	716.8	714.3	715.5	717.2	716.8	718.0	715.9	715.1	713.9	711.0	713.5
12.5°	734.4	733.5	735.2	737.2	736.4	738.1	733.5	732.3	731.9	728.6	731.5
15°	757.3	755.2	758.1	760.6	759.3	762.2	758.5	756.9	754.8	750.7	753.2
17.5°	780.2	778.6	782.7	783.9	784.3	786.8	783.9	781.4	780.6	777.8	776.1
20°	807.6	805.6	808.9	811.3	809.3	812.1	810.9	809.3	808.5	804.0	803.5
22.5°	838.3	835.5	840.4	843.3	840.4	843.3	840.8	840.4	840.8	834.2	835.1
25°	872.7	873.1	878.0	880.1	878.5	880.1	876.4	878.9	877.6	870.7	868.2
27.5°	916.9	915.3	920.6	926.8	922.7	922.7	921.0	923.5	923.1	916.5	914.9
30°	968.5	968.1	975.9	979.6	973.8	971.4	971.0	977.1	977.5	970.6	967.7
32.5°	1022.5	1022.5	1032.0	1036.5	1028.3	1026.6	1025.0	1033.2	1032.0	1022.5	1016.4
35°	1081.9	1079.4	1092.1	1098.7	1090.5	1085.6	1084.8	1092.1	1090.5	1077.4	1070.0
37.5°	1140.4	1142.1	1156.8	1164.2	1154.4	1148.2	1150.3	1155.2	1155.6	1141.3	1133.5
40°	1212.1	1212.5	1230.9	1236.6	1223.9	1214.5	1217.4	1228.4	1227.6	1210.0	1200.2
42.5°	1292.3	1290.7	1313.6	1318.5	1301.3	1283.3	1291.9	1309.1	1313.2	1293.5	1283.3
45°	1378.3	1380.7	1404.5	1409.8	1382.8	1359.8	1378.3	1404.1	1409.4	1388.1	1375.4
47.5°	1482.7	1485.5	1514.2	1516.2	1485.5	1455.6	1480.2	1513.8	1515.8	1486.3	1471.6
50°	1601.8	1611.6	1643.5	1647.6	1617.3	1578.8	1614.1	1643.9	1636.2	1596.9	1583.3
52.5°	1736.9	1744.6	1794.6	1811.8	1785.2	1743.8	1772.1	1790.5	1765.5	1713.9	1693.1
55°	1851.9	1865.0	1931.3	1983.7	2003.7	1972.6	1969.4	1942.3	1872.8	1794.2	1772.5
57.5°	1884.2	1896.9	1999.7	2134.7	2253.9	2269.4	2197.4	2061.9	1912.1	1790.9	1768.8
60°	1752.8	1770.0	1920.2	2176.1	2517.9	2658.7	2398.4	2072.1	1810.1	1647.6	1619.8
62.5°	1376.6	1408.6	1602.6	2003.7	2624.3	3013.2	2481.0	1895.7	1502.7	1310.7	1273.9
65°	748.7	776.1	990.2	1493.3	2408.6	3088.9	2278.4	1443.4	982.8	790.0	770.0
67.5°	280.8	300.9	399.1	738.1	1702.9	2640.7	1729.5	826.5	446.2	320.1	291.9
70°	119.5	122.0	144.5	257.1	774.1	1718.0	885.4	280.8	149.0	120.3	117.1
72.5°	86.0	86.4	92.5	113.8	235.8	753.6	267.7	117.9	90.9	81.9	81.9
75°	68.8	69.2	72.9	82.3	111.3	221.9	115.4	82.7	70.4	64.3	63.4
77.5°	54.0	54.9	58.5	64.3	74.5	101.5	78.2	65.1	56.5	50.8	49.9
80°	40.1	41.3	46.3	49.1	52.4	67.5	56.9	50.8	45.0	38.9	37.7
82.5°	26.6	27.8	34.4	36.4	36.0	42.6	39.3	38.9	34.4	25.8	24.6
85°	16.0	16.8	22.1	23.7	22.1	20.9	25.0	27.0	24.2	16.8	15.6
87.5°	7.0	7.0	9.8	10.2	9.8	7.8	11.9	13.9	14.3	8.6	7.8
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)