

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: P672698

Luminaire Tested: **CCP-SA-1B-750-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672698
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1B-750-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5NQ
distribution lens
Light Source: (16) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3676.2 lumens
Efficiency: N/A
Efficacy: 153.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

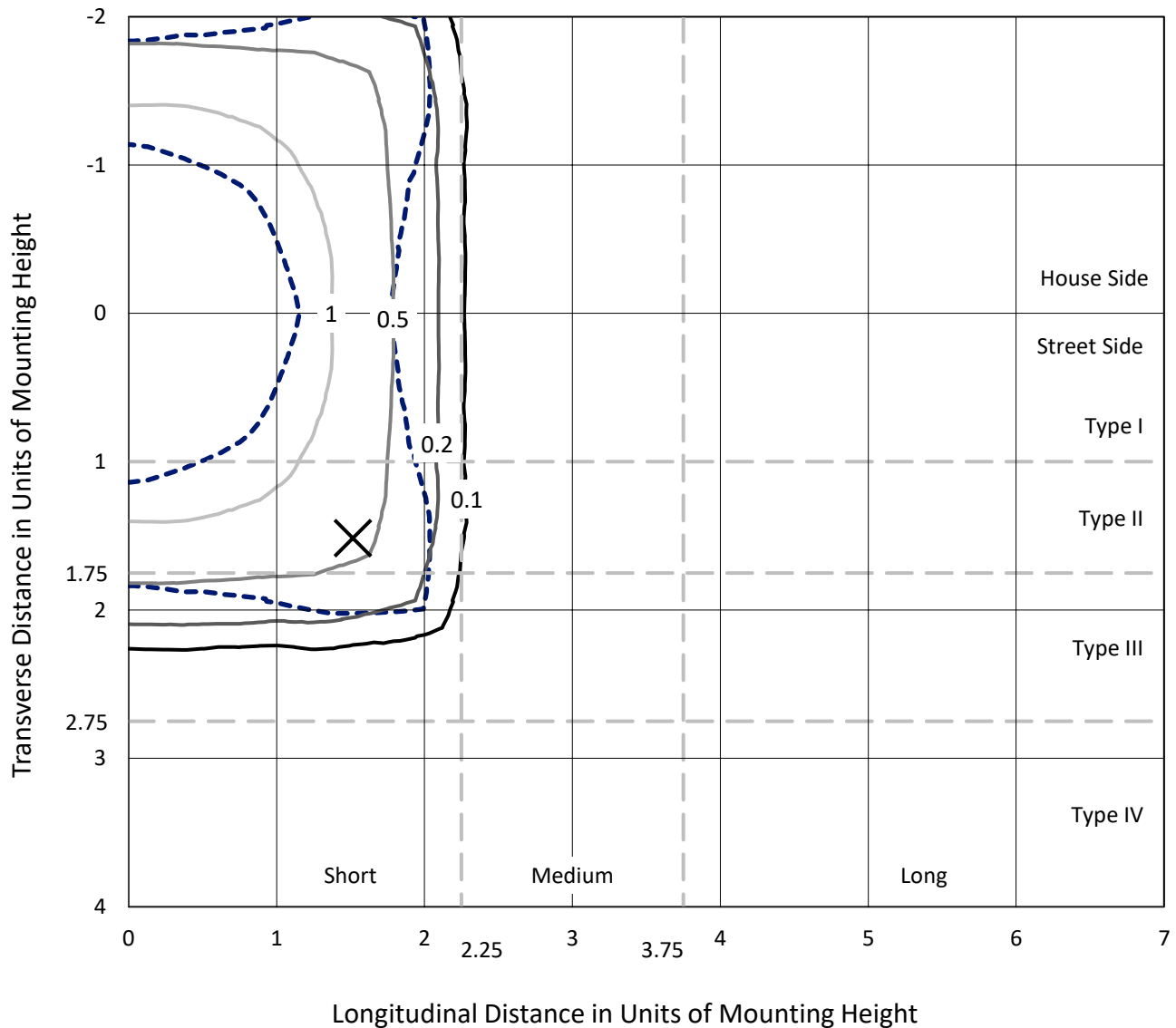
Input Watts (W): 24
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672698

CATALOG NUMBER: CCP-SA-1B-750-U-5NQ

Iso-Footcandle Lines of Horizontal Illumination

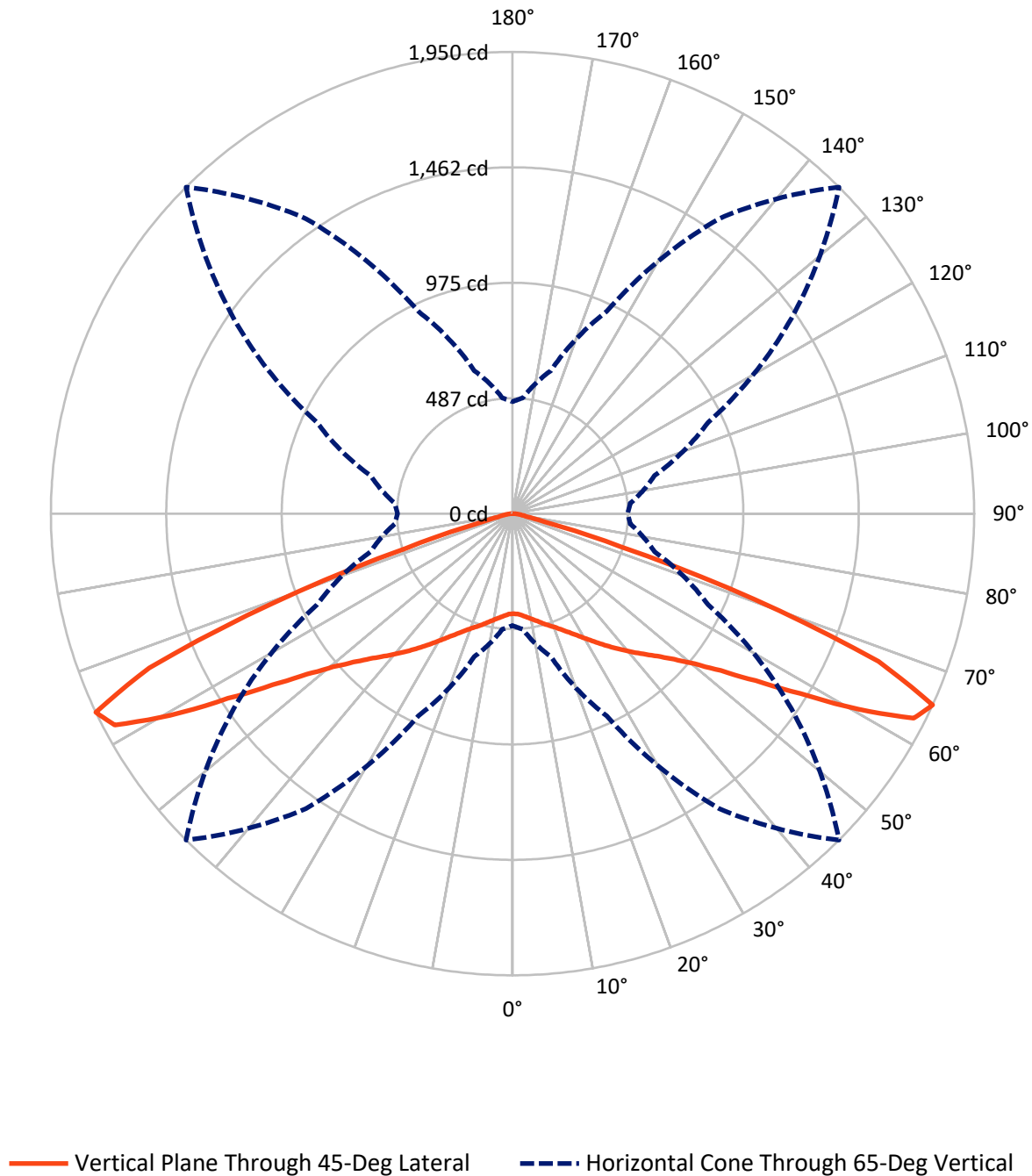
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.9 fc
Type V - Short - N/A

REPORT NUMBER: P672698
CATALOG NUMBER: CCP-SA-1B-750-U-5NQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672698

CATALOG NUMBER: CCP-SA-1B-750-U-5NQ

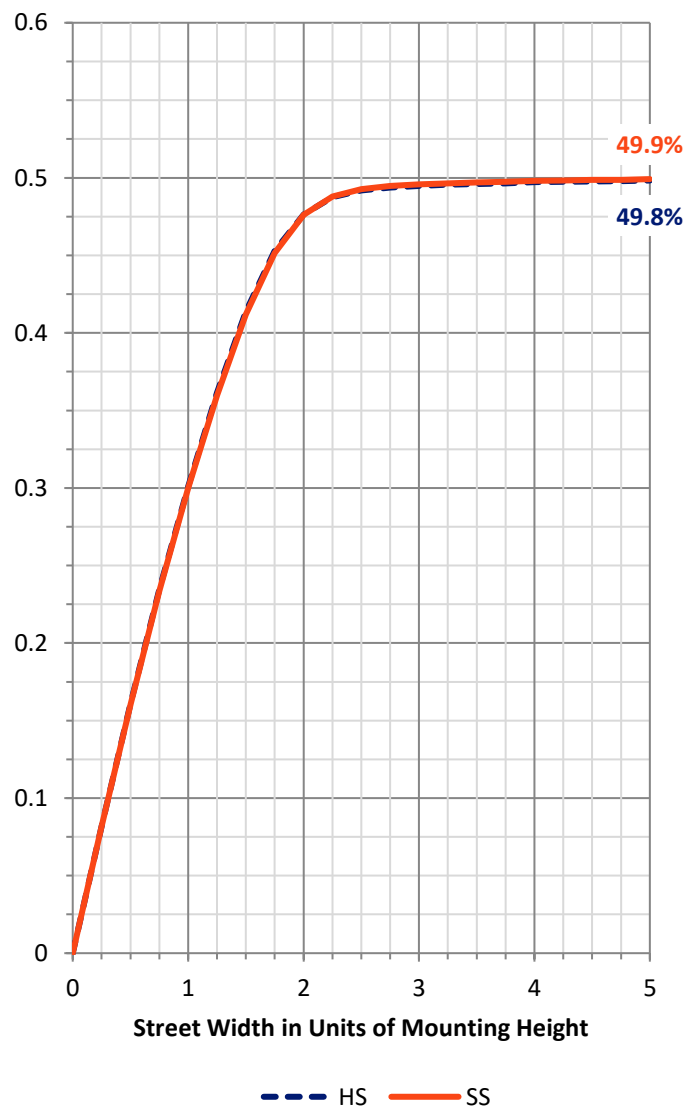
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1838.1	0.0	1838.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1838.1	0.0	1838.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	3676.2	0.0	3676.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.9	1.1
10°-20°	136.7	3.7
20°-30°	259.2	7.1
30°-40°	434.7	11.8
40°-50°	687.9	18.7
50°-60°	1080.7	29.4
60°-70°	913.1	24.8
70°-80°	106.3	2.9
80°-90°	15.8	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°	3676.2	100.0
0°-180°	3676.2	100.0

Coefficient of Utilization



REPORT NUMBER: P672698

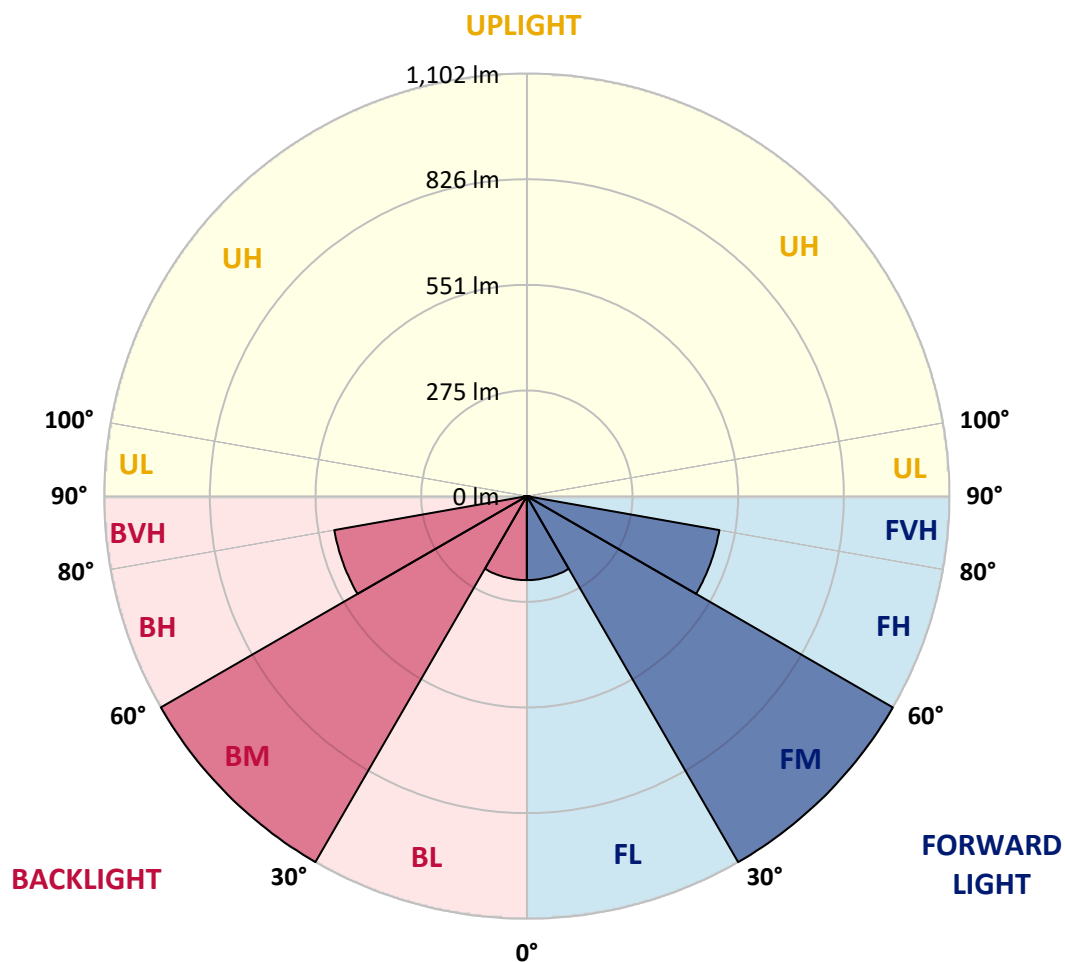
CATALOG NUMBER: CCP-SA-1B-750-U-5NQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	218.9	6.0			
FM	(30°-60°)	1101.6	30.0			
FH	(60°-80°)	509.7	13.9			G0/660
FVH	(80°-90°)	7.9	0.2			G0/10
BL	(0°-30°)	218.9	6.0	B1/500		
BM	(30°-60°)	1101.6	30.0	B2/2500		
BH	(60°-80°)	509.7	13.9	B2/1000		G0/660
BVH	(80°-90°)	7.9	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





REPORT NUMBER: P672698

CATALOG NUMBER: CCP-SA-1B-750-U-5NQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7
2.5°	425.0	423.7	425.0	425.0	424.2	424.5	423.5	423.2	424.5	423.5	423.2
5°	433.8	432.8	433.8	433.0	431.7	432.0	430.4	429.9	431.5	429.9	430.2
7.5°	443.9	442.1	442.6	443.4	442.1	442.1	440.8	440.0	440.8	439.2	440.3
10°	452.4	450.9	451.6	452.7	452.4	453.2	451.9	451.4	450.6	448.8	450.3
12.5°	463.5	463.0	464.0	465.3	464.8	465.8	463.0	462.2	462.0	459.9	461.7
15°	478.0	476.7	478.5	480.1	479.3	481.1	478.8	477.7	476.4	473.9	475.4
17.5°	492.5	491.4	494.0	494.8	495.0	496.6	494.8	493.2	492.7	490.9	489.9
20°	509.8	508.5	510.5	512.1	510.8	512.6	511.8	510.8	510.3	507.4	507.2
22.5°	529.1	527.3	530.4	532.2	530.4	532.2	530.7	530.4	530.7	526.6	527.1
25°	550.8	551.1	554.2	555.5	554.5	555.5	553.2	554.7	554.0	549.6	548.0
27.5°	578.8	577.7	581.1	585.0	582.4	582.4	581.3	582.9	582.6	578.5	577.5
30°	611.3	611.1	616.0	618.3	614.7	613.1	612.9	616.7	617.0	612.6	610.8
32.5°	645.4	645.4	651.4	654.2	649.0	648.0	647.0	652.1	651.4	645.4	641.5
35°	682.9	681.3	689.3	693.5	688.3	685.2	684.7	689.3	688.3	680.0	675.4
37.5°	719.8	720.9	730.2	734.8	728.6	724.7	726.0	729.1	729.4	720.3	715.4
40°	765.0	765.3	776.9	780.5	772.5	766.6	768.4	775.4	774.9	763.7	757.5
42.5°	815.7	814.6	829.1	832.2	821.4	810.0	815.4	826.3	828.9	816.5	810.0
45°	869.9	871.5	886.5	889.8	872.8	858.3	869.9	886.2	889.6	876.1	868.1
47.5°	935.8	937.6	955.7	957.0	937.6	918.8	934.3	955.5	956.8	938.2	928.8
50°	1011.0	1017.2	1037.4	1039.9	1020.8	996.5	1018.8	1037.6	1032.7	1007.9	999.4
52.5°	1096.3	1101.2	1132.7	1143.6	1126.8	1100.7	1118.5	1130.1	1114.4	1081.8	1068.6
55°	1168.9	1177.1	1219.0	1252.1	1264.7	1245.1	1243.0	1226.0	1182.1	1132.4	1118.8
57.5°	1189.3	1197.3	1262.1	1347.4	1422.6	1432.4	1386.9	1301.4	1206.9	1130.4	1116.4
60°	1106.4	1117.2	1212.0	1373.5	1589.2	1678.1	1513.8	1307.9	1142.5	1039.9	1022.4
62.5°	868.9	889.1	1011.5	1264.7	1656.4	1901.9	1566.0	1196.5	948.5	827.3	804.1
65°	472.6	489.9	625.0	942.5	1520.3	1949.7	1438.1	911.0	620.4	498.7	486.0
67.5°	177.2	189.9	251.9	465.8	1074.8	1666.8	1091.6	521.7	281.6	202.0	184.2
70°	75.4	77.0	91.2	162.3	488.6	1084.4	558.9	177.2	94.0	76.0	73.9
72.5°	54.3	54.5	58.4	71.8	148.8	475.7	169.0	74.4	57.4	51.7	51.7
75°	43.4	43.7	46.0	51.9	70.3	140.0	72.9	52.2	44.4	40.6	40.0
77.5°	34.1	34.6	36.9	40.6	47.0	64.1	49.3	41.1	35.7	32.0	31.5
80°	25.3	26.1	29.2	31.0	33.1	42.6	35.9	32.0	28.4	24.5	23.8
82.5°	16.8	17.6	21.7	23.0	22.7	26.9	24.8	24.5	21.7	16.3	15.5
85°	10.1	10.6	14.0	15.0	14.0	13.2	15.8	17.1	15.2	10.6	9.8
87.5°	4.4	4.4	6.2	6.5	6.2	4.9	7.5	8.8	9.0	5.4	4.9
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)