

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: P672398

Luminaire Tested: **CCP-SA-1A-740-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672398
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-740-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5WQ
distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2867.4 lumens
Efficiency: N/A
Efficacy: 159.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

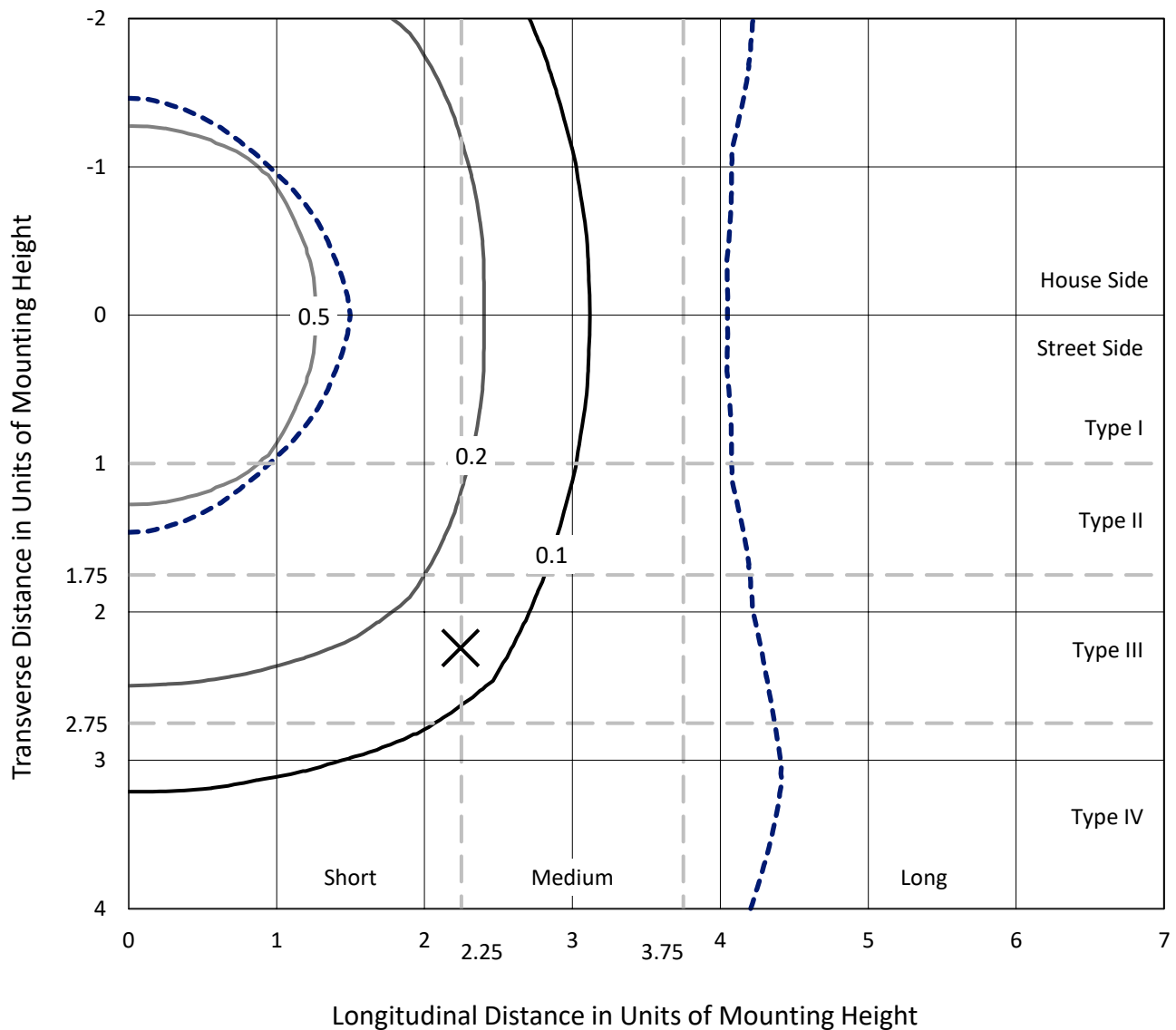
Input Watts (W): 18
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672398

CATALOG NUMBER: CCP-SA-1A-740-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

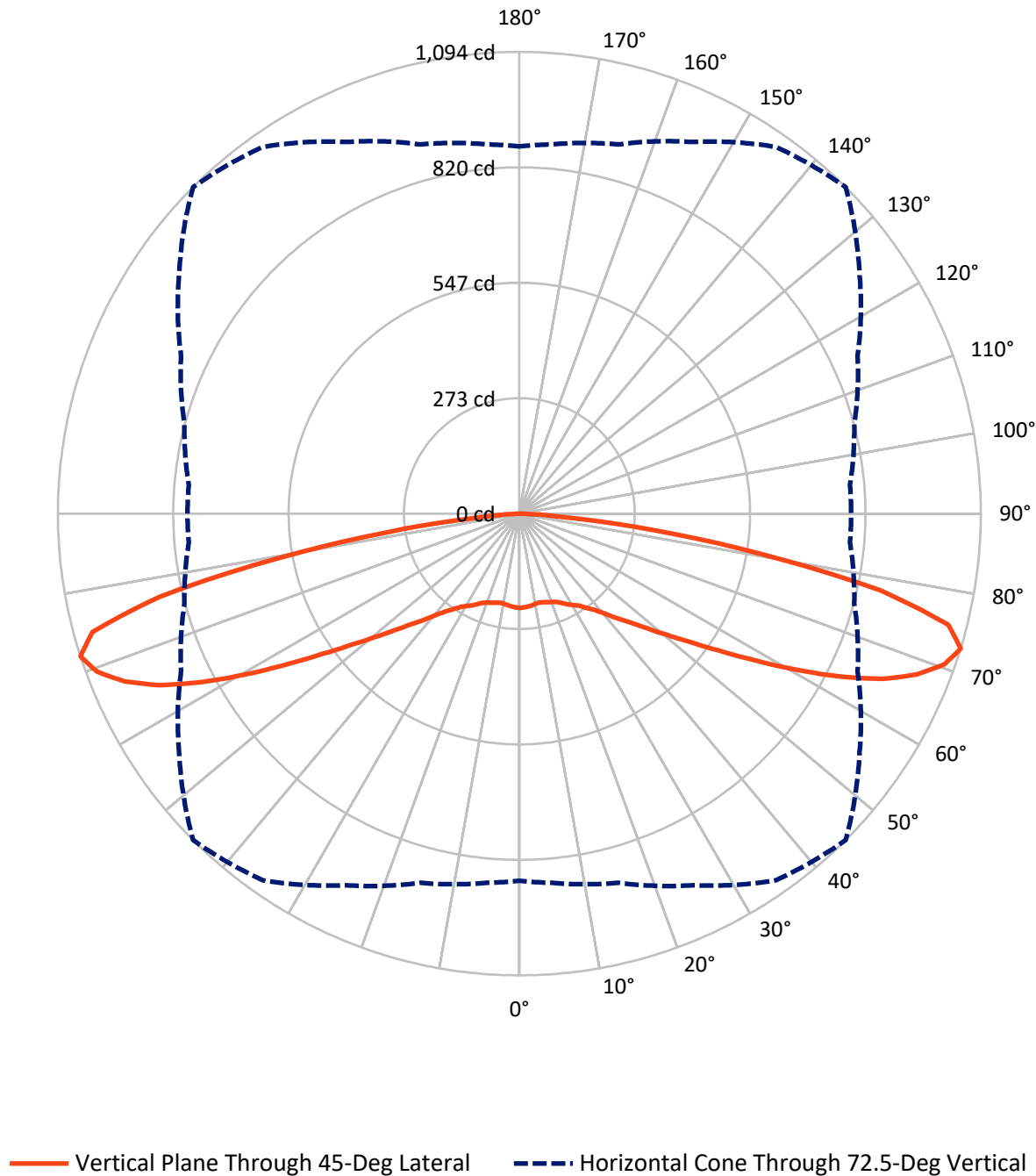


Based on 15 foot mounting height. Maximum calculated value = 1 fc
Type V - Short - N/A

REPORT NUMBER: P672398

CATALOG NUMBER: CCP-SA-1A-740-U-5WQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672398

CATALOG NUMBER: CCP-SA-1A-740-U-5WQ

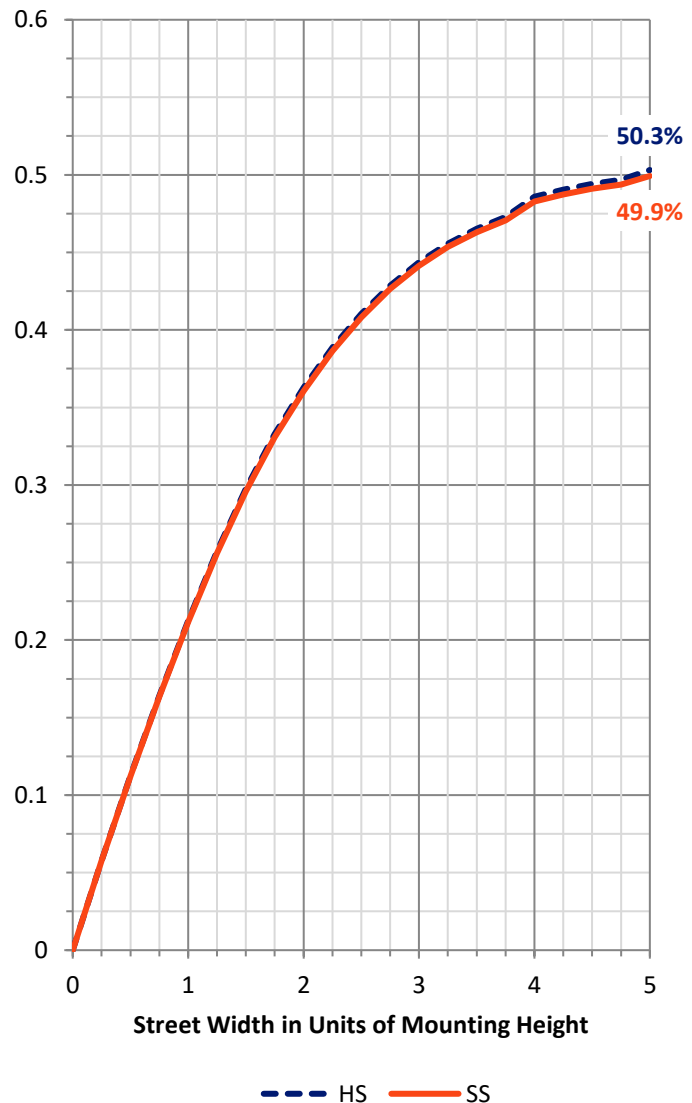
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1433.7	0.0	1433.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1433.7	0.0	1433.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	2867.4	0.0	2867.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.0	0.7
10°-20°	62.3	2.2
20°-30°	109.4	3.8
30°-40°	174.5	6.1
40°-50°	291.9	10.2
50°-60°	499.4	17.4
60°-70°	824.5	28.8
70°-80°	790.2	27.6
80°-90°	94.2	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°	2867.4	100.0
0°-180°	2867.4	100.0

Coefficient of Utilization



REPORT NUMBER: P672398

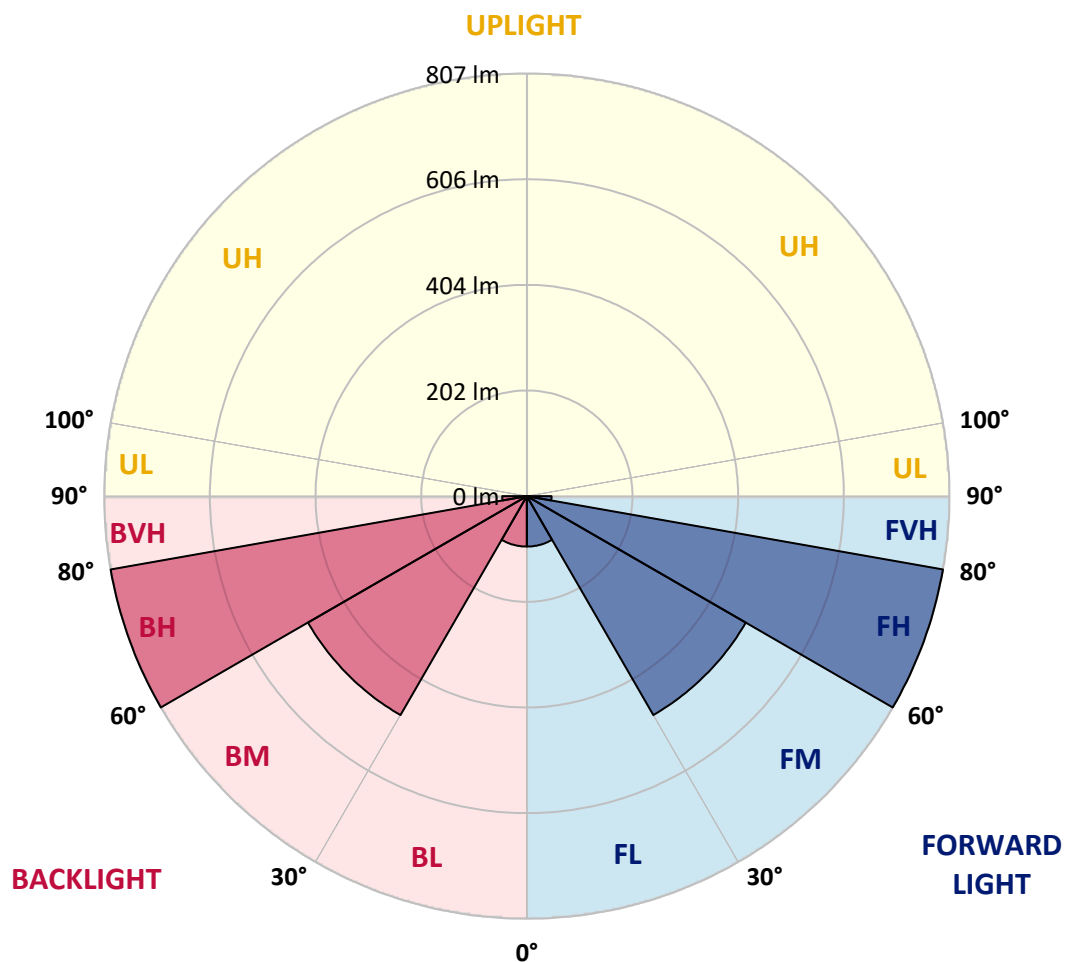
CATALOG NUMBER: CCP-SA-1A-740-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	96.3	3.4			
FM	(30°-60°)	482.9	16.8			
FH	(60°-80°)	807.4	28.2			G1/1800
FVH	(80°-90°)	47.1	1.6			G1/100
BL	(0°-30°)	96.3	3.4	B0/110		
BM	(30°-60°)	482.9	16.8	B1/1000		
BH	(60°-80°)	807.4	28.2	B2/1000		G1/1800
BVH	(80°-90°)	47.1	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





REPORT NUMBER: P672398

CATALOG NUMBER: CCP-SA-1A-740-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	223.3	223.3	223.3	223.3	223.3	223.3	223.3	223.3	223.3	223.3	223.3
2.5°	221.9	221.9	222.5	222.7	222.5	222.3	222.1	221.9	222.5	222.3	222.5
5°	221.3	221.3	221.5	221.7	221.3	221.1	220.7	220.5	220.9	220.9	221.3
7.5°	219.7	219.5	219.7	219.9	219.3	219.1	218.5	218.5	218.5	218.3	218.7
10°	218.3	217.9	217.9	217.5	216.5	216.7	215.9	216.5	217.5	217.7	217.9
12.5°	218.9	218.5	218.1	217.1	215.7	215.9	215.7	216.3	217.7	218.5	219.1
15°	221.7	221.3	220.3	218.5	217.7	217.7	217.3	217.5	219.5	220.7	221.3
17.5°	224.7	223.9	222.1	220.9	220.1	220.7	219.3	219.1	220.7	222.5	223.1
20°	227.1	226.5	224.3	222.9	222.9	223.5	222.1	221.3	223.1	225.3	225.9
22.5°	231.3	230.9	228.7	227.3	227.3	227.5	226.7	226.1	228.1	230.3	230.9
25°	237.3	237.3	235.1	234.5	234.3	234.7	233.7	233.1	234.9	236.5	237.1
27.5°	244.3	243.7	241.9	241.5	242.3	243.7	241.9	240.3	241.7	243.1	243.3
30°	251.7	251.7	250.1	250.1	250.7	251.3	249.7	248.1	249.5	251.1	251.3
32.5°	262.1	261.5	260.9	261.1	260.9	260.1	259.3	259.1	260.3	261.3	261.7
35°	274.9	274.7	273.9	274.3	274.3	274.3	271.9	271.1	273.1	273.9	273.5
37.5°	294.7	294.5	292.5	291.3	289.9	289.3	286.3	286.1	290.9	293.3	292.9
40°	318.9	318.1	316.3	314.3	312.5	311.3	308.3	310.5	315.5	317.3	317.3
42.5°	345.3	344.3	342.3	341.3	340.1	338.9	334.9	335.9	341.9	343.7	341.7
45°	377.8	376.4	374.2	372.0	370.1	367.7	365.7	366.7	373.2	375.4	373.8
47.5°	412.2	411.8	410.0	408.2	406.6	405.0	402.4	404.2	409.8	409.4	406.2
50°	448.6	449.4	449.6	451.4	450.2	450.4	445.6	444.6	449.0	446.4	442.4
52.5°	487.8	489.0	493.2	496.8	503.4	504.2	498.2	491.8	491.0	484.2	480.0
55°	533.2	533.0	542.2	552.2	566.8	571.4	558.0	546.0	539.4	526.2	521.8
57.5°	584.6	584.0	598.0	615.6	642.1	653.5	628.9	606.0	590.0	574.2	569.6
60°	640.5	641.9	658.9	687.5	733.1	748.9	711.7	673.9	649.5	628.9	627.1
62.5°	705.7	705.9	725.9	764.7	823.9	849.3	798.1	746.9	715.9	693.3	688.5
65°	782.7	784.1	805.5	844.7	912.8	944.2	885.2	822.7	786.1	755.5	754.9
67.5°	861.7	860.9	880.6	922.2	987.8	1016.8	955.0	885.4	837.7	799.5	794.5
70°	912.4	916.8	938.0	977.8	1040.6	1068.8	993.6	909.6	859.7	824.7	822.3
72.5°	869.8	878.0	905.4	971.4	1060.4	1093.8	984.4	884.6	821.7	786.5	786.5
75°	706.1	719.7	757.9	859.5	992.0	1049.8	911.4	774.1	682.7	645.1	645.1
77.5°	430.2	443.2	494.8	618.9	801.1	875.2	742.9	583.0	477.2	431.2	425.2
80°	143.1	151.5	202.1	314.5	491.8	582.4	497.8	331.1	213.7	162.9	162.1
82.5°	38.0	41.4	57.6	91.2	213.5	315.5	227.7	109.2	62.6	48.6	44.8
85°	13.2	14.2	24.4	30.4	54.2	104.4	63.4	39.6	30.4	18.4	17.2
87.5°	3.8	4.2	9.8	10.6	15.6	12.2	17.2	15.8	14.4	6.0	5.4
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)