

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: P672686

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672686
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-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5NQ
distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2846.9 lumens
Efficiency: N/A
Efficacy: 158.2 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): 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

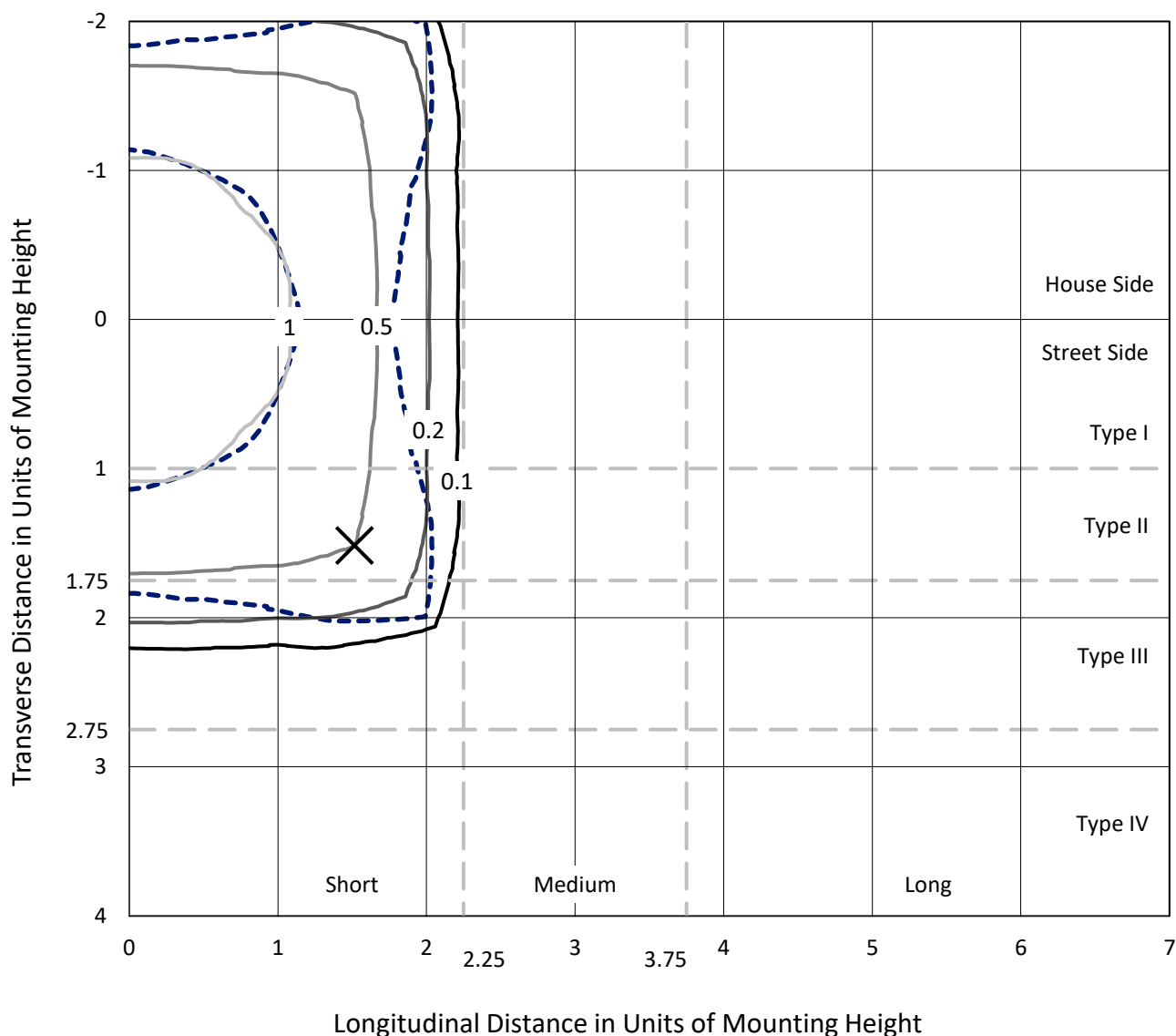
REPORT NUMBER: P672686

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

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

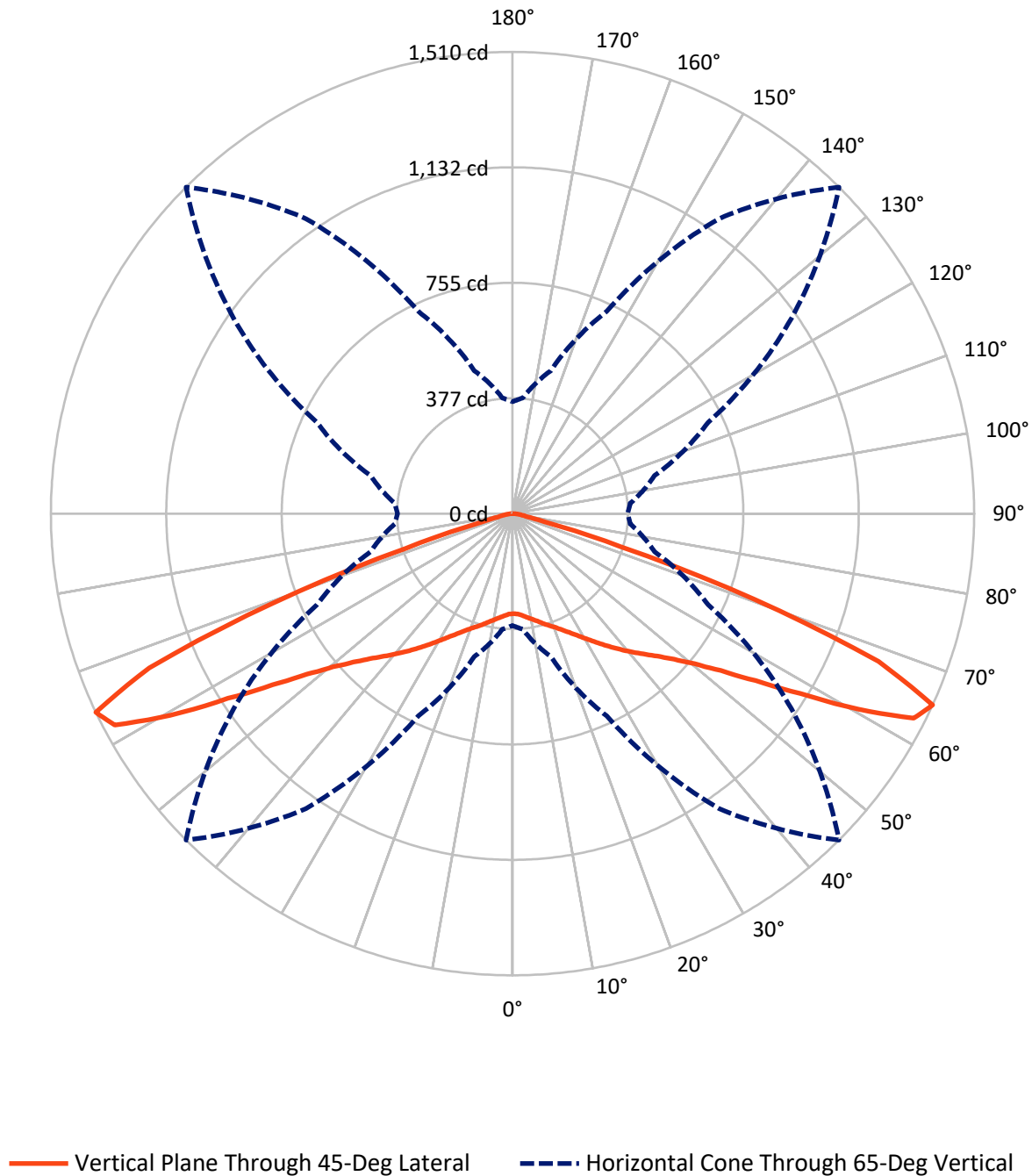


Based on 15 foot mounting height. Maximum calculated value = 1.5 fc

Type V - Short - N/A

REPORT NUMBER: P672686
CATALOG NUMBER: CCP-SA-1A-740-U-5NQ

Luminous Intensity Polar Plot



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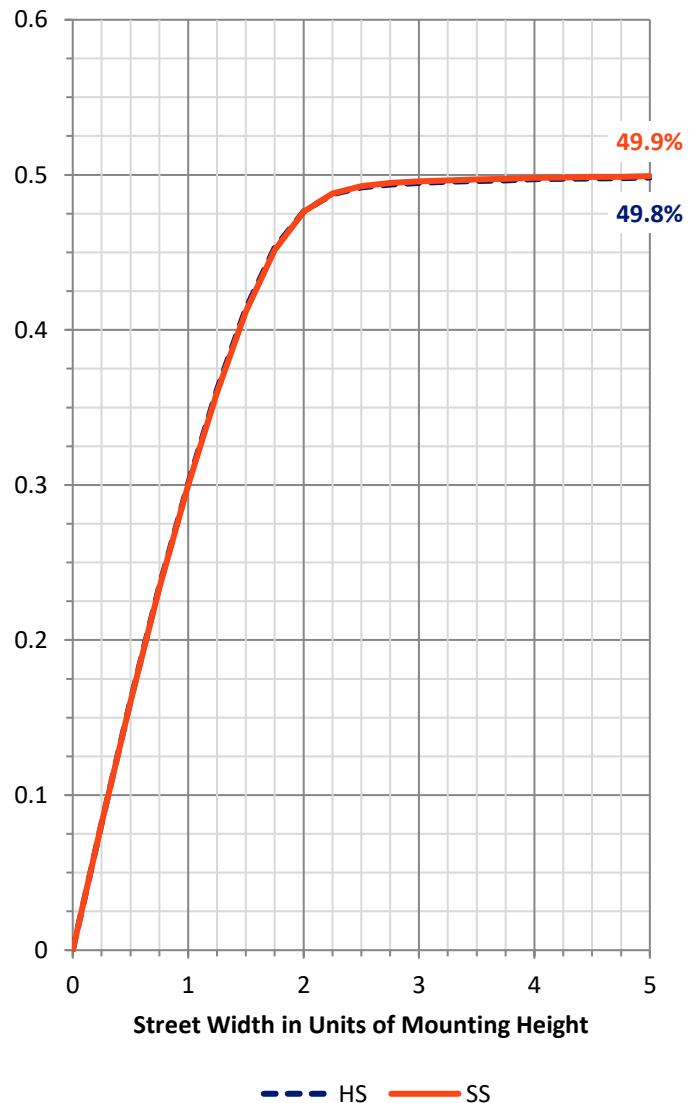
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1423.5	0.0	1423.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1423.5	0.0	1423.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	2846.9	0.0	2846.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.4	1.1
10°-20°	105.8	3.7
20°-30°	200.7	7.1
30°-40°	336.6	11.8
40°-50°	532.7	18.7
50°-60°	836.9	29.4
60°-70°	707.1	24.8
70°-80°	82.3	2.9
80°-90°	12.3	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°	2846.9	100.0
0°-180°	2846.9	100.0

Coefficient of Utilization



REPORT NUMBER: P672686

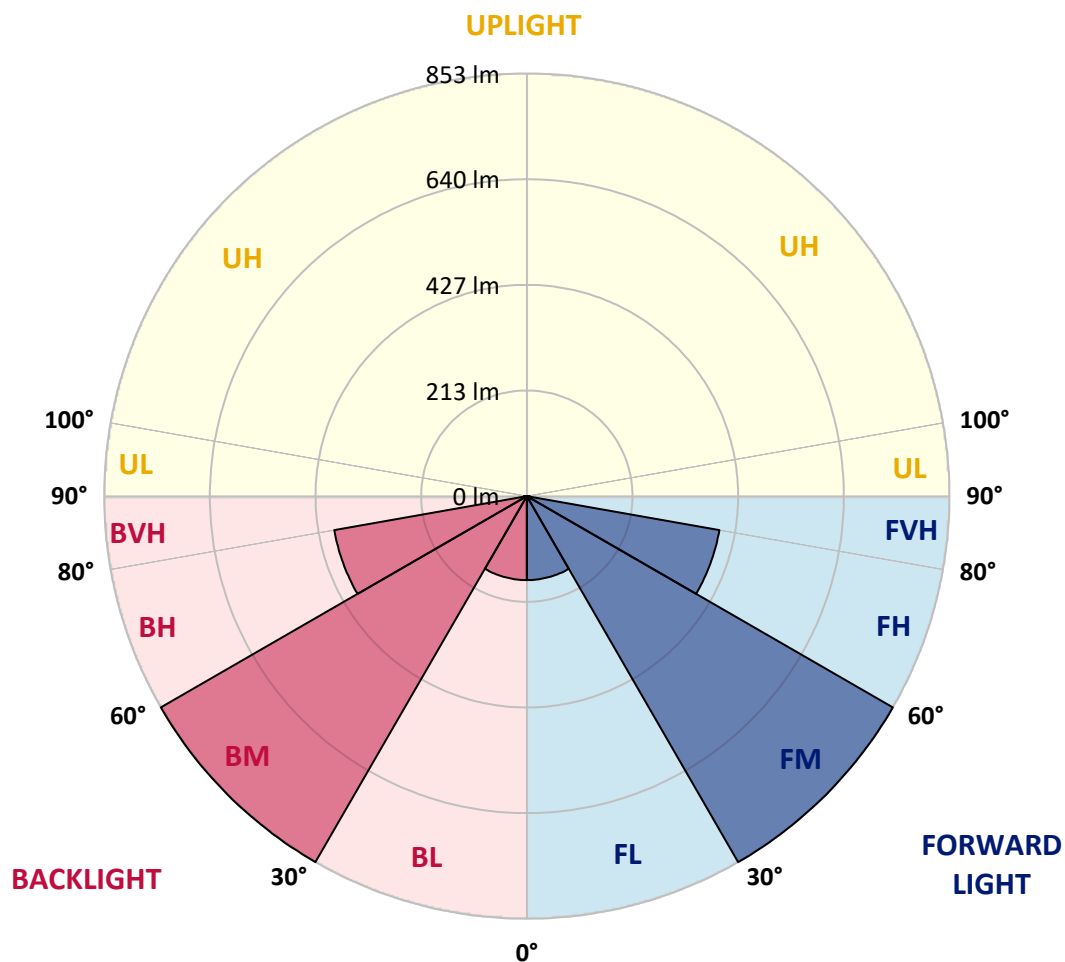
CATALOG NUMBER: CCP-SA-1A-740-U-5NQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	169.5	6.0			
FM	(30°-60°)	853.1	30.0			
FH	(60°-80°)	394.7	13.9			G0/660
FVH	(80°-90°)	6.1	0.2			G0/10
BL	(0°-30°)	169.5	6.0	B1/500		
BM	(30°-60°)	853.1	30.0	B1/1000		
BH	(60°-80°)	394.7	13.9	B1/500		G0/660
BVH	(80°-90°)	6.1	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°	327.3	327.3	327.3	327.3	327.3	327.3	327.3	327.3	327.3	327.3	327.3
2.5°	329.1	328.1	329.1	329.1	328.5	328.7	327.9	327.7	328.7	327.9	327.7
5°	336.0	335.2	336.0	335.4	334.4	334.6	333.4	333.0	334.2	333.0	333.2
7.5°	343.8	342.4	342.8	343.4	342.4	342.4	341.4	340.8	341.4	340.2	341.0
10°	350.4	349.2	349.8	350.6	350.4	351.0	350.0	349.6	349.0	347.6	348.8
12.5°	359.0	358.6	359.4	360.4	360.0	360.8	358.6	358.0	357.8	356.2	357.6
15°	370.2	369.2	370.6	371.8	371.2	372.6	370.8	370.0	369.0	367.0	368.2
17.5°	381.4	380.6	382.6	383.2	383.4	384.6	383.2	382.0	381.6	380.2	379.4
20°	394.8	393.8	395.4	396.6	395.6	397.0	396.4	395.6	395.2	393.0	392.8
22.5°	409.8	408.4	410.8	412.2	410.8	412.2	411.0	410.8	411.0	407.8	408.2
25°	426.6	426.8	429.2	430.2	429.4	430.2	428.4	429.6	429.0	425.6	424.4
27.5°	448.2	447.4	450.0	453.0	451.0	451.0	450.2	451.4	451.2	448.0	447.2
30°	473.4	473.2	477.0	478.8	476.0	474.8	474.6	477.6	477.8	474.4	473.0
32.5°	499.8	499.8	504.4	506.6	502.6	501.8	501.0	505.0	504.4	499.8	496.8
35°	528.8	527.6	533.8	537.0	533.0	530.6	530.2	533.8	533.0	526.6	523.0
37.5°	557.5	558.3	565.5	569.1	564.3	561.3	562.3	564.7	564.9	557.9	554.1
40°	592.5	592.7	601.7	604.5	598.3	593.7	595.1	600.5	600.1	591.5	586.7
42.5°	631.7	630.9	642.1	644.5	636.1	627.3	631.5	639.9	641.9	632.3	627.3
45°	673.7	674.9	686.5	689.1	675.9	664.7	673.7	686.3	688.9	678.5	672.3
47.5°	724.7	726.1	740.1	741.1	726.1	711.5	723.5	739.9	740.9	726.5	719.3
50°	783.0	787.8	803.4	805.4	790.6	771.8	789.0	803.6	799.8	780.6	774.0
52.5°	849.0	852.8	877.2	885.6	872.6	852.4	866.2	875.2	863.0	837.8	827.6
55°	905.2	911.6	944.0	969.6	979.4	964.2	962.6	949.4	915.4	877.0	866.4
57.5°	921.0	927.2	977.4	1043.5	1101.7	1109.3	1074.1	1007.9	934.6	875.4	864.6
60°	856.8	865.2	938.6	1063.7	1230.8	1299.6	1172.3	1012.9	884.8	805.4	791.8
62.5°	672.9	688.5	783.4	979.4	1282.8	1472.9	1212.8	926.6	734.5	640.7	622.7
65°	366.0	379.4	484.0	729.9	1177.3	1509.9	1113.7	705.5	480.4	386.2	376.4
67.5°	137.3	147.1	195.1	360.8	832.4	1290.8	845.4	404.0	218.1	156.5	142.7
70°	58.4	59.6	70.6	125.7	378.4	839.8	432.8	137.3	72.8	58.8	57.2
72.5°	42.0	42.2	45.2	55.6	115.3	368.4	130.9	57.6	44.4	40.0	40.0
75°	33.6	33.8	35.6	40.2	54.4	108.4	56.4	40.4	34.4	31.4	31.0
77.5°	26.4	26.8	28.6	31.4	36.4	49.6	38.2	31.8	27.6	24.8	24.4
80°	19.6	20.2	22.6	24.0	25.6	33.0	27.8	24.8	22.0	19.0	18.4
82.5°	13.0	13.6	16.8	17.8	17.6	20.8	19.2	19.0	16.8	12.6	12.0
85°	7.8	8.2	10.8	11.6	10.8	10.2	12.2	13.2	11.8	8.2	7.6
87.5°	3.4	3.4	4.8	5.0	4.8	3.8	5.8	6.8	7.0	4.2	3.8
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)