

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: P672453

Luminaire Tested: **CCP-SA-1A-835-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672453
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-835-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5WQ
distribution lens
Light Source: (16) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2362.8 lumens
Efficiency: N/A
Efficacy: 131.3 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

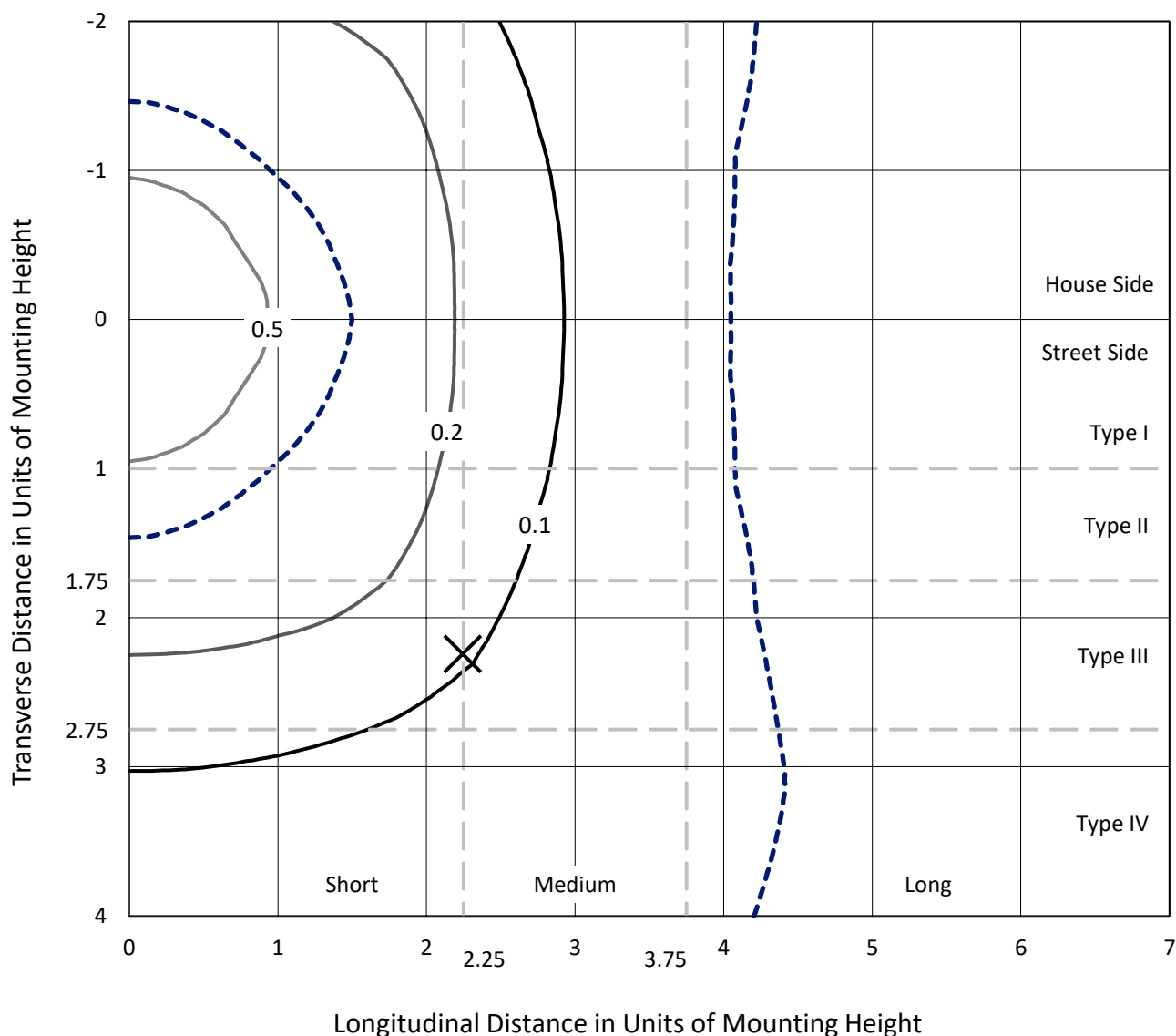
REPORT NUMBER: P672453

CATALOG NUMBER: CCP-SA-1A-835-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

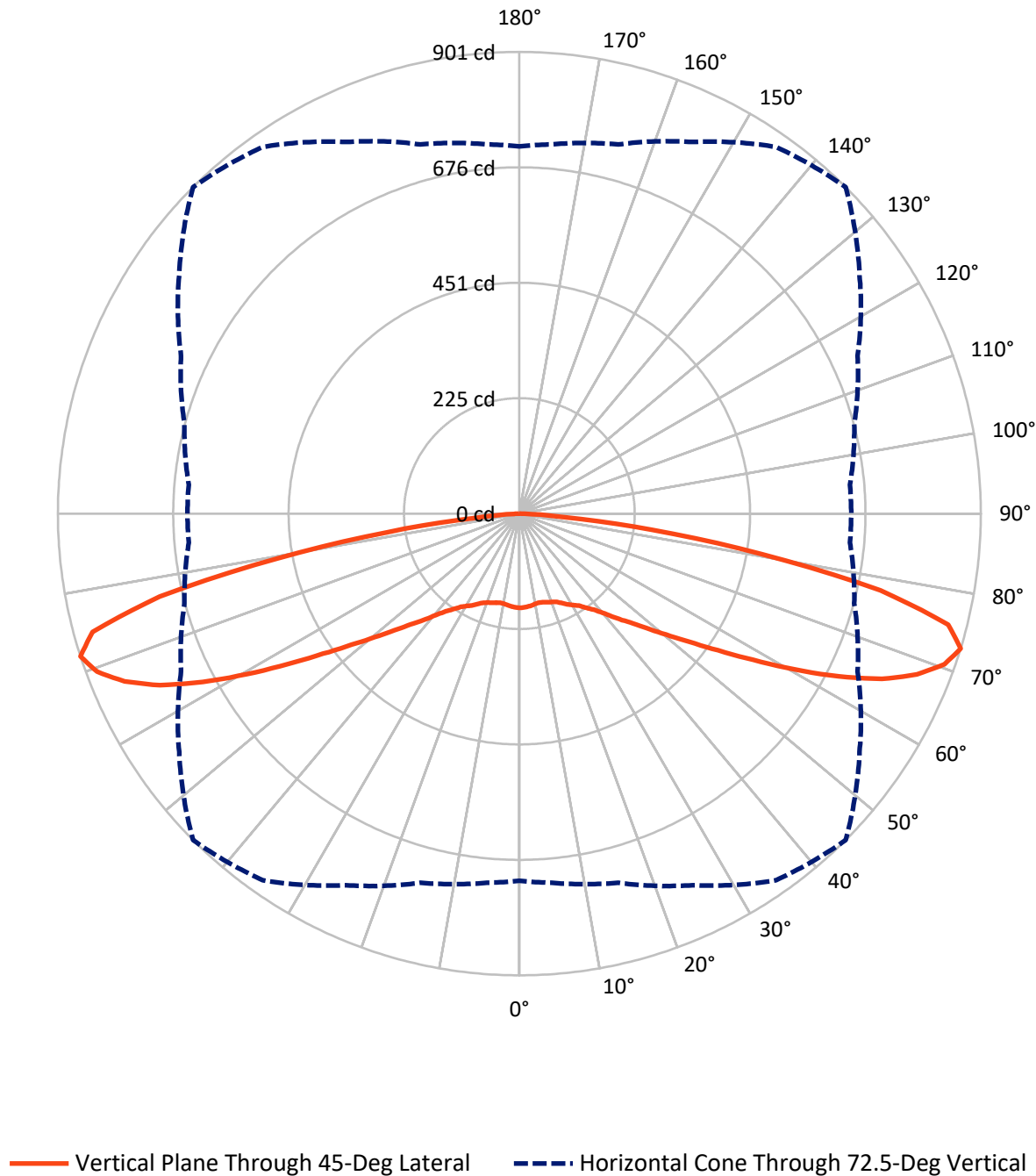


Based on 15 foot mounting height. Maximum calculated value = 0.8 fc

Type V - Short - N/A

REPORT NUMBER: P672453
CATALOG NUMBER: CCP-SA-1A-835-U-5WQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672453

CATALOG NUMBER: CCP-SA-1A-835-U-5WQ

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1181.4	0.0	1181.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1181.4	0.0	1181.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	2362.8	0.0	2362.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	0.7
10°-20°	51.3	2.2
20°-30°	90.1	3.8
30°-40°	143.8	6.1
40°-50°	240.5	10.2
50°-60°	411.5	17.4
60°-70°	679.4	28.8
70°-80°	651.1	27.6
80°-90°	77.7	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°	2362.8	100.0
0°-180°	2362.8	100.0

Coefficient of Utilization



REPORT NUMBER: P672453

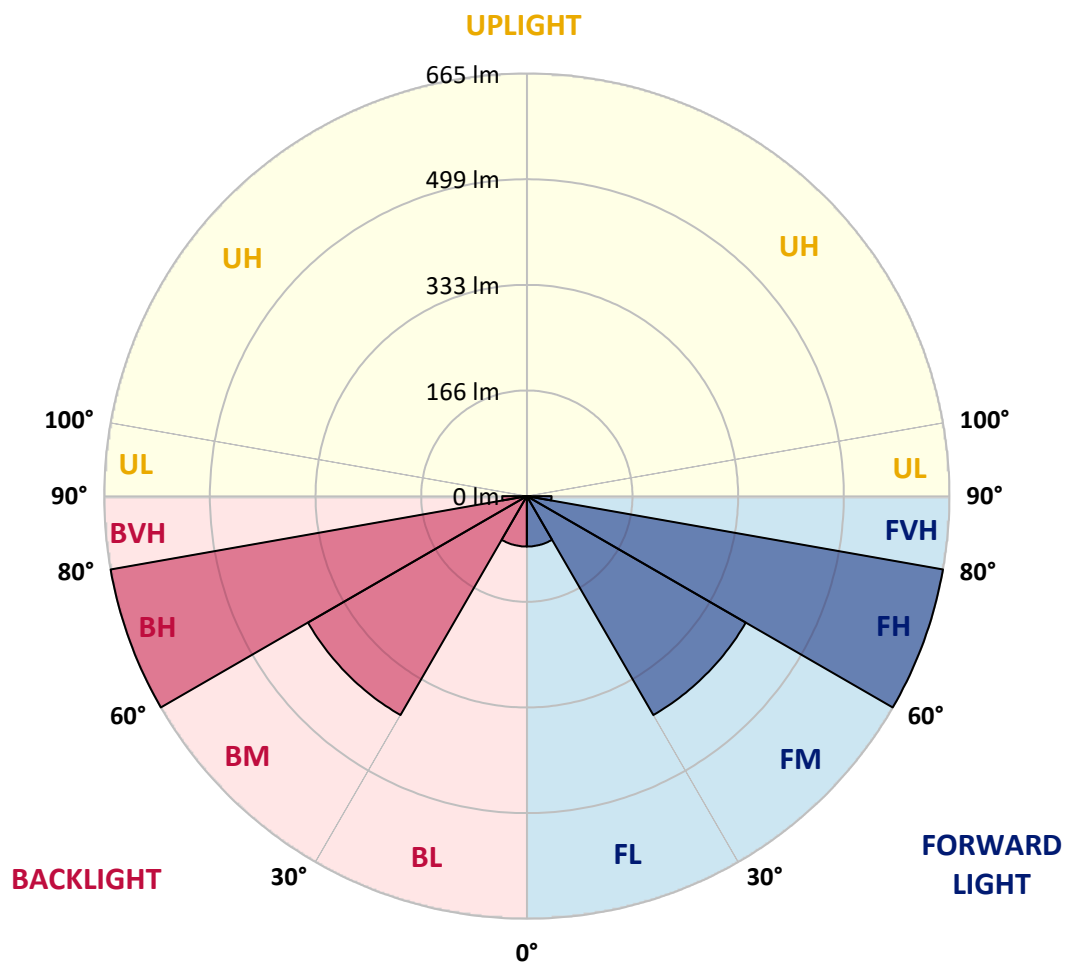
CATALOG NUMBER: CCP-SA-1A-835-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	79.4	3.4			
FM	(30°-60°)	397.9	16.8			
FH	(60°-80°)	665.3	28.2			G1/1800
FVH	(80°-90°)	38.8	1.6			G1/100
BL	(0°-30°)	79.4	3.4	B0/110		
BM	(30°-60°)	397.9	16.8	B1/1000		
BH	(60°-80°)	665.3	28.2	B2/1000		G1/1800
BVH	(80°-90°)	38.8	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: P672453

CATALOG NUMBER: CCP-SA-1A-835-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	184.0	184.0	184.0	184.0	184.0	184.0	184.0	184.0	184.0	184.0	184.0
2.5°	182.8	182.8	183.3	183.5	183.3	183.2	183.0	182.8	183.3	183.2	183.3
5°	182.3	182.3	182.5	182.7	182.3	182.2	181.8	181.7	182.0	182.0	182.3
7.5°	181.0	180.9	181.0	181.2	180.7	180.5	180.0	180.0	180.0	179.9	180.2
10°	179.9	179.5	179.5	179.2	178.4	178.6	177.9	178.4	179.2	179.4	179.5
12.5°	180.4	180.0	179.7	178.9	177.7	177.9	177.7	178.2	179.4	180.0	180.5
15°	182.7	182.3	181.5	180.0	179.4	179.4	179.0	179.2	180.9	181.8	182.3
17.5°	185.1	184.5	183.0	182.0	181.4	181.8	180.7	180.5	181.8	183.3	183.8
20°	187.1	186.6	184.8	183.7	183.7	184.2	183.0	182.3	183.8	185.6	186.1
22.5°	190.6	190.3	188.4	187.3	187.3	187.5	186.8	186.3	187.9	189.8	190.3
25°	195.5	195.5	193.7	193.2	193.1	193.4	192.6	192.1	193.6	194.9	195.4
27.5°	201.3	200.8	199.3	199.0	199.7	200.8	199.3	198.0	199.2	200.3	200.5
30°	207.4	207.4	206.1	206.1	206.6	207.1	205.8	204.4	205.6	206.9	207.1
32.5°	216.0	215.5	215.0	215.2	215.0	214.3	213.7	213.5	214.5	215.3	215.6
35°	226.5	226.4	225.7	226.0	226.0	226.0	224.1	223.4	225.0	225.7	225.4
37.5°	242.8	242.7	241.0	240.0	238.9	238.4	235.9	235.8	239.7	241.7	241.4
40°	262.8	262.1	260.7	259.0	257.5	256.5	254.1	255.9	260.0	261.5	261.5
42.5°	284.6	283.7	282.1	281.3	280.3	279.3	276.0	276.8	281.8	283.2	281.6
45°	311.3	310.1	308.3	306.5	305.0	303.0	301.4	302.2	307.5	309.3	308.0
47.5°	339.6	339.3	337.8	336.3	335.0	333.7	331.5	333.0	337.6	337.3	334.7
50°	369.6	370.3	370.5	371.9	371.0	371.1	367.2	366.3	370.0	367.8	364.5
52.5°	401.9	402.9	406.4	409.4	414.8	415.5	410.5	405.2	404.6	399.0	395.5
55°	439.4	439.2	446.8	455.0	467.1	470.9	459.8	449.9	444.5	433.6	430.0
57.5°	481.7	481.2	492.8	507.3	529.1	538.5	518.2	499.4	486.2	473.2	469.4
60°	527.7	528.9	542.9	566.5	604.1	617.1	586.4	555.3	535.2	518.2	516.7
62.5°	581.5	581.6	598.1	630.1	678.9	699.9	657.7	615.4	589.9	571.3	567.3
65°	645.0	646.1	663.8	696.1	752.1	778.0	729.4	677.9	647.8	622.5	622.0
67.5°	710.1	709.4	725.6	759.9	813.9	837.9	786.9	729.5	690.3	658.8	654.7
70°	751.8	755.4	772.9	805.7	857.5	880.7	818.7	749.5	708.4	679.6	677.6
72.5°	716.7	723.4	746.0	800.4	873.8	901.3	811.1	728.9	677.1	648.1	648.1
75°	581.8	593.0	624.5	708.3	817.4	865.1	751.0	637.9	562.5	531.5	531.5
77.5°	354.5	365.2	407.7	509.9	660.1	721.1	612.2	480.4	393.2	355.3	350.3
80°	117.9	124.8	166.5	259.2	405.2	479.9	410.2	272.9	176.1	134.2	133.5
82.5°	31.3	34.1	47.5	75.2	175.9	260.0	187.6	90.0	51.6	40.1	36.9
85°	10.9	11.7	20.1	25.1	44.7	86.1	52.3	32.6	25.1	15.2	14.2
87.5°	3.1	3.5	8.1	8.7	12.9	10.1	14.2	13.0	11.9	4.9	4.5
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)