

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: P672719

Luminaire Tested: **CCP-SA-1A-827-U-5NQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672719
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-827-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5NQ
distribution lens
Light Source: (16) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2092.8 lumens
Efficiency: N/A
Efficacy: 116.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B1 - U0 - G0

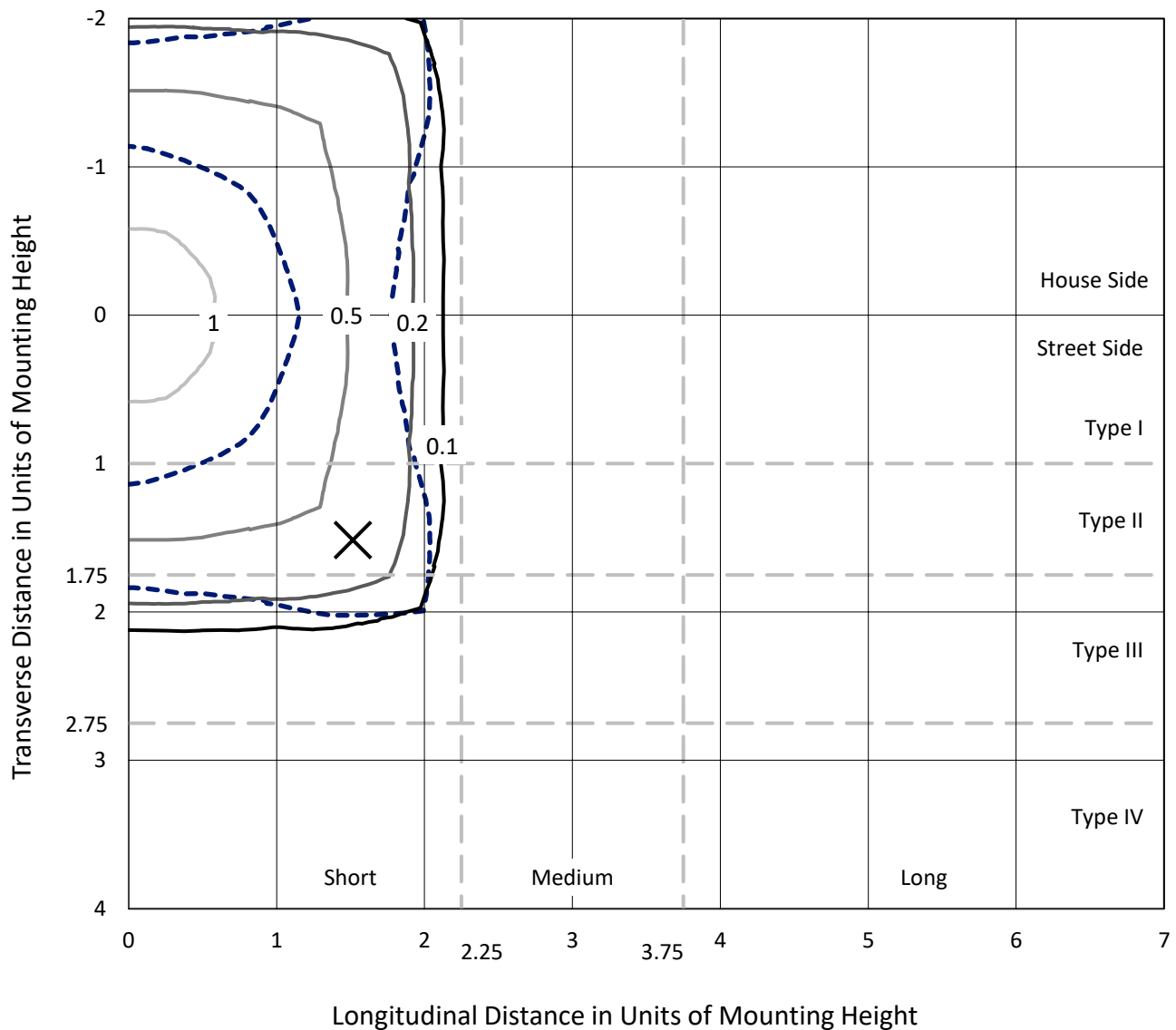
Input Watts (W): 18
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

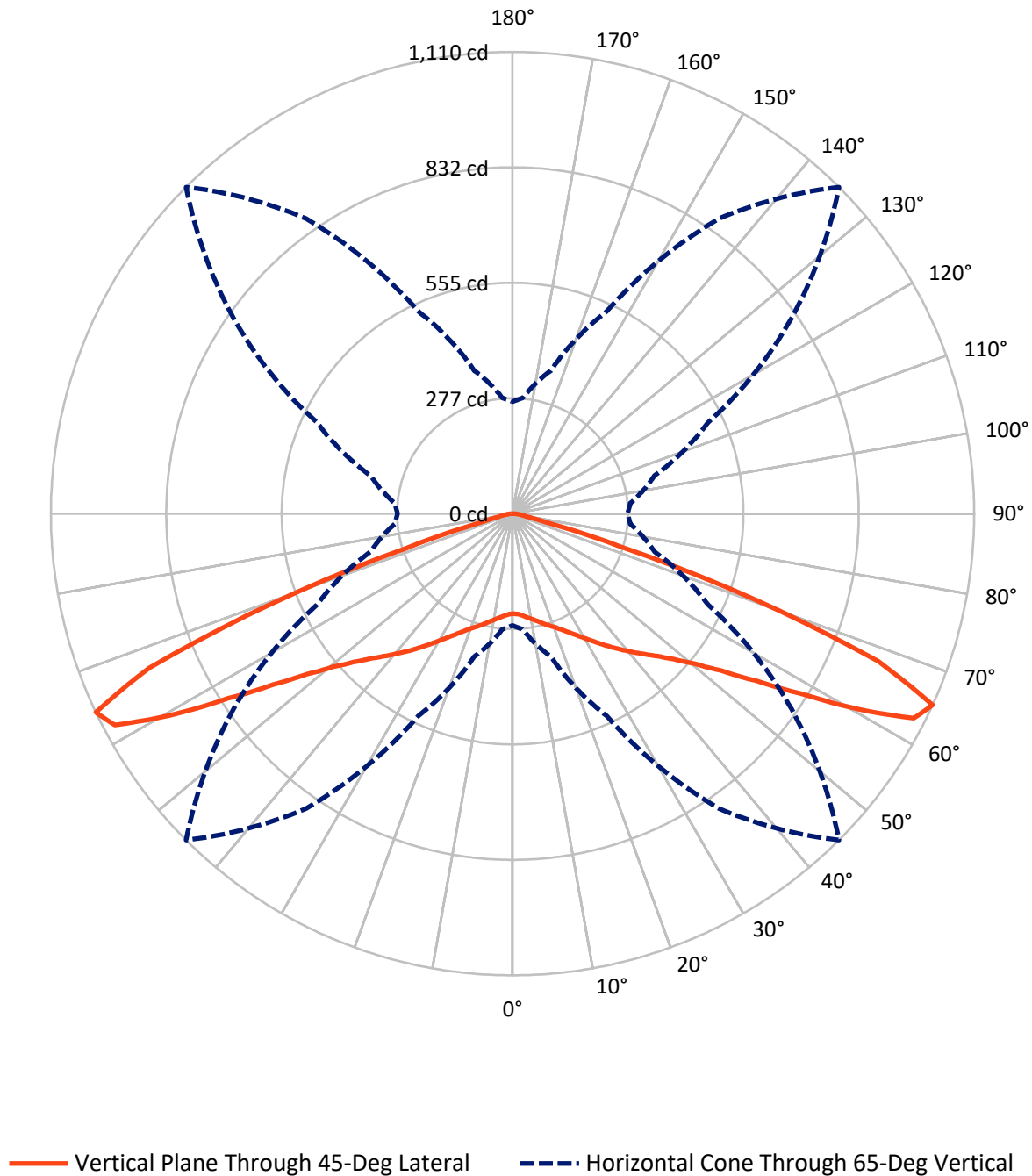
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.1 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	1046.4	0.0	1046.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1046.4	0.0	1046.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	2092.8	0.0	2092.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.8	1.1
10°-20°	77.8	3.7
20°-30°	147.6	7.1
30°-40°	247.5	11.8
40°-50°	391.6	18.7
50°-60°	615.2	29.4
60°-70°	519.8	24.8
70°-80°	60.5	2.9
80°-90°	9.0	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°	2092.8	100.0
0°-180°	2092.8	100.0

Coefficient of Utilization



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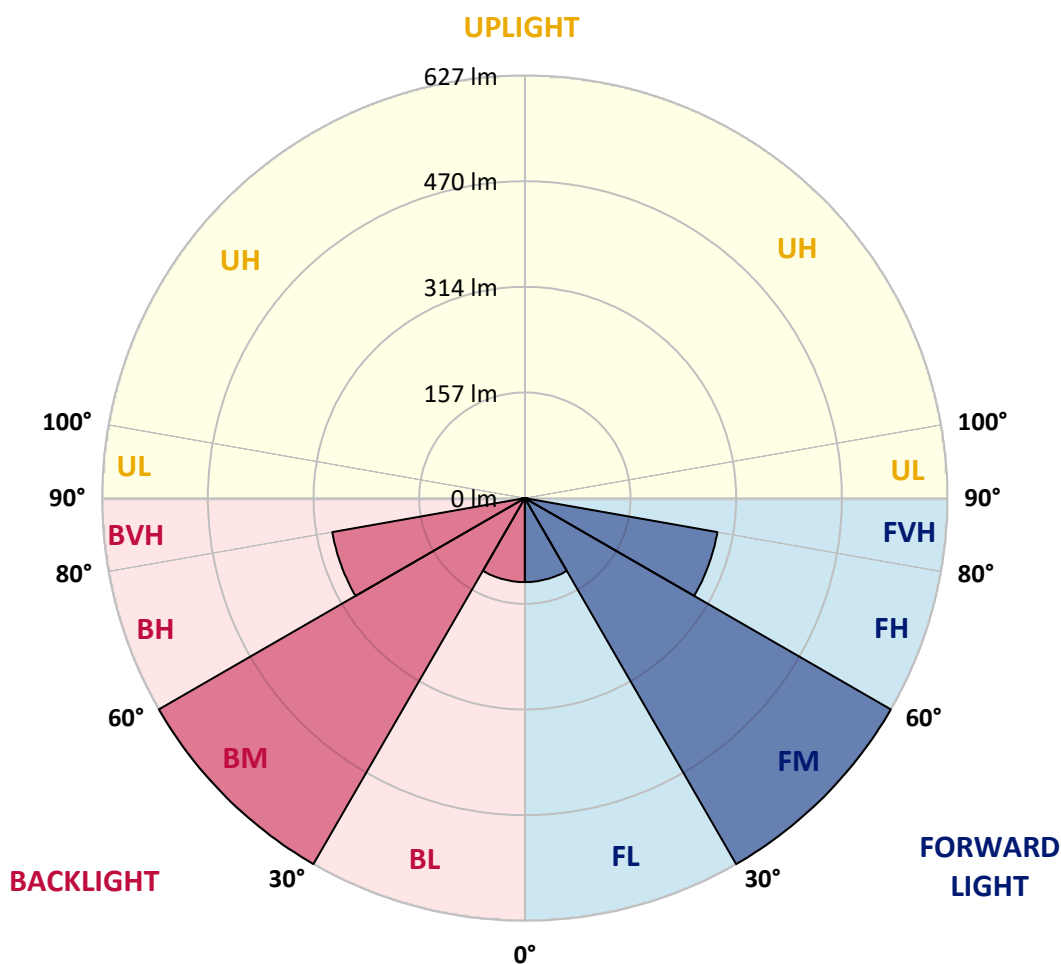
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	124.6	6.0			
FM	(30°-60°)	627.1	30.0			
FH	(60°-80°)	290.2	13.9			G0/660
FVH	(80°-90°)	4.5	0.2			G0/10
BL	(0°-30°)	124.6	6.0	B1/500		
BM	(30°-60°)	627.1	30.0	B1/1000		
BH	(60°-80°)	290.2	13.9	B1/500		G0/660
BVH	(80°-90°)	4.5	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°	240.6	240.6	240.6	240.6	240.6	240.6	240.6	240.6	240.6	240.6	240.6
2.5°	242.0	241.2	242.0	242.0	241.5	241.7	241.1	240.9	241.7	241.1	240.9
5°	247.0	246.4	247.0	246.5	245.8	245.9	245.0	244.8	245.6	244.8	244.9
7.5°	252.7	251.7	252.0	252.4	251.7	251.7	250.9	250.5	250.9	250.0	250.6
10°	257.5	256.7	257.1	257.7	257.5	258.0	257.3	257.0	256.5	255.5	256.4
12.5°	263.9	263.6	264.2	264.9	264.6	265.2	263.6	263.1	263.0	261.8	262.8
15°	272.1	271.4	272.4	273.3	272.8	273.9	272.6	272.0	271.2	269.8	270.6
17.5°	280.3	279.8	281.2	281.7	281.8	282.7	281.7	280.8	280.5	279.5	278.9
20°	290.2	289.5	290.6	291.5	290.8	291.8	291.4	290.8	290.5	288.9	288.7
22.5°	301.2	300.2	302.0	303.0	302.0	303.0	302.1	302.0	302.1	299.8	300.1
25°	313.6	313.7	315.5	316.2	315.6	316.2	314.9	315.8	315.4	312.9	312.0
27.5°	329.5	328.9	330.8	333.0	331.5	331.5	330.9	331.8	331.7	329.3	328.7
30°	348.0	347.9	350.7	352.0	349.9	349.0	348.9	351.1	351.2	348.7	347.7
32.5°	367.4	367.4	370.8	372.4	369.5	368.9	368.3	371.2	370.8	367.4	365.2
35°	388.8	387.9	392.4	394.8	391.8	390.1	389.8	392.4	391.8	387.1	384.5
37.5°	409.8	410.4	415.7	418.3	414.8	412.6	413.3	415.1	415.2	410.1	407.3
40°	435.5	435.7	442.3	444.3	439.8	436.4	437.4	441.4	441.1	434.8	431.3
42.5°	464.4	463.8	472.0	473.8	467.6	461.1	464.2	470.4	471.9	464.8	461.1
45°	495.2	496.1	504.7	506.6	496.9	488.6	495.2	504.5	506.4	498.8	494.2
47.5°	532.7	533.8	544.1	544.8	533.8	523.0	531.9	543.9	544.7	534.1	528.8
50°	575.6	579.1	590.6	592.0	581.1	567.3	580.0	590.7	587.9	573.8	568.9
52.5°	624.1	626.9	644.8	651.0	641.4	626.6	636.7	643.4	634.4	615.9	608.4
55°	665.4	670.1	694.0	712.8	720.0	708.8	707.6	697.9	672.9	644.7	636.9
57.5°	677.0	681.6	718.5	767.1	809.9	815.4	789.6	740.9	687.0	643.5	635.6
60°	629.8	636.0	690.0	781.9	904.7	955.3	861.8	744.6	650.4	592.0	582.0
62.5°	494.7	506.1	575.8	720.0	943.0	1082.7	891.5	681.2	540.0	471.0	457.7
65°	269.0	278.9	355.8	536.6	865.5	1109.9	818.7	518.6	353.2	283.9	276.7
67.5°	100.9	108.1	143.4	265.2	611.9	948.9	621.4	297.0	160.3	115.0	104.9
70°	42.9	43.8	51.9	92.4	278.1	617.3	318.1	100.9	53.5	43.2	42.1
72.5°	30.9	31.0	33.2	40.9	84.7	270.8	96.2	42.4	32.7	29.4	29.4
75°	24.7	24.9	26.2	29.6	40.0	79.7	41.5	29.7	25.3	23.1	22.8
77.5°	19.4	19.7	21.0	23.1	26.8	36.5	28.1	23.4	20.3	18.2	17.9
80°	14.4	14.9	16.6	17.7	18.8	24.3	20.4	18.2	16.2	14.0	13.5
82.5°	9.6	10.0	12.4	13.1	12.9	15.3	14.1	14.0	12.4	9.3	8.8
85°	5.7	6.0	7.9	8.5	7.9	7.5	9.0	9.7	8.7	6.0	5.6
87.5°	2.5	2.5	3.5	3.7	3.5	2.8	4.3	5.0	5.1	3.1	2.8
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)