

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: P682447

Luminaire Tested: **CCP-SA-2-AMB-U-5MQ**

Issue Date: 04/26/2023



Test Information

Test Method: LM-79-08
Report Number: P682447
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2-AMB-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @500mA w/ 5MQ
distribution lens
Light Source: (16) 1620 CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

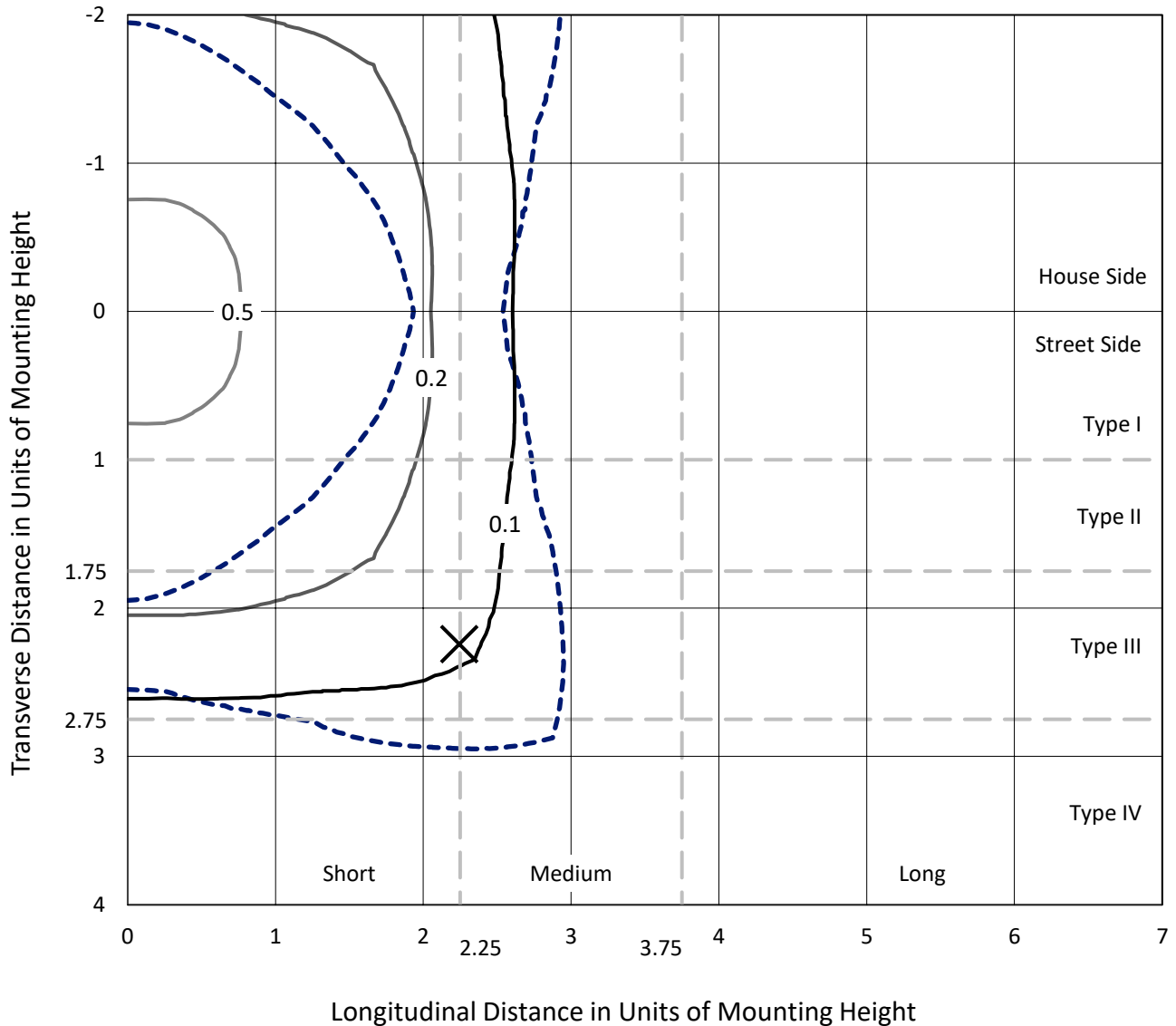
Lumens per Lamp: N/A
Luminaire Lumens: 1802.3 lumens
Efficiency: N/A
Efficacy: 44.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B1 - U0 - G0

Input Watts (W): 40.2
Input Voltage (V): 120
Input Current (A_{in}): 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

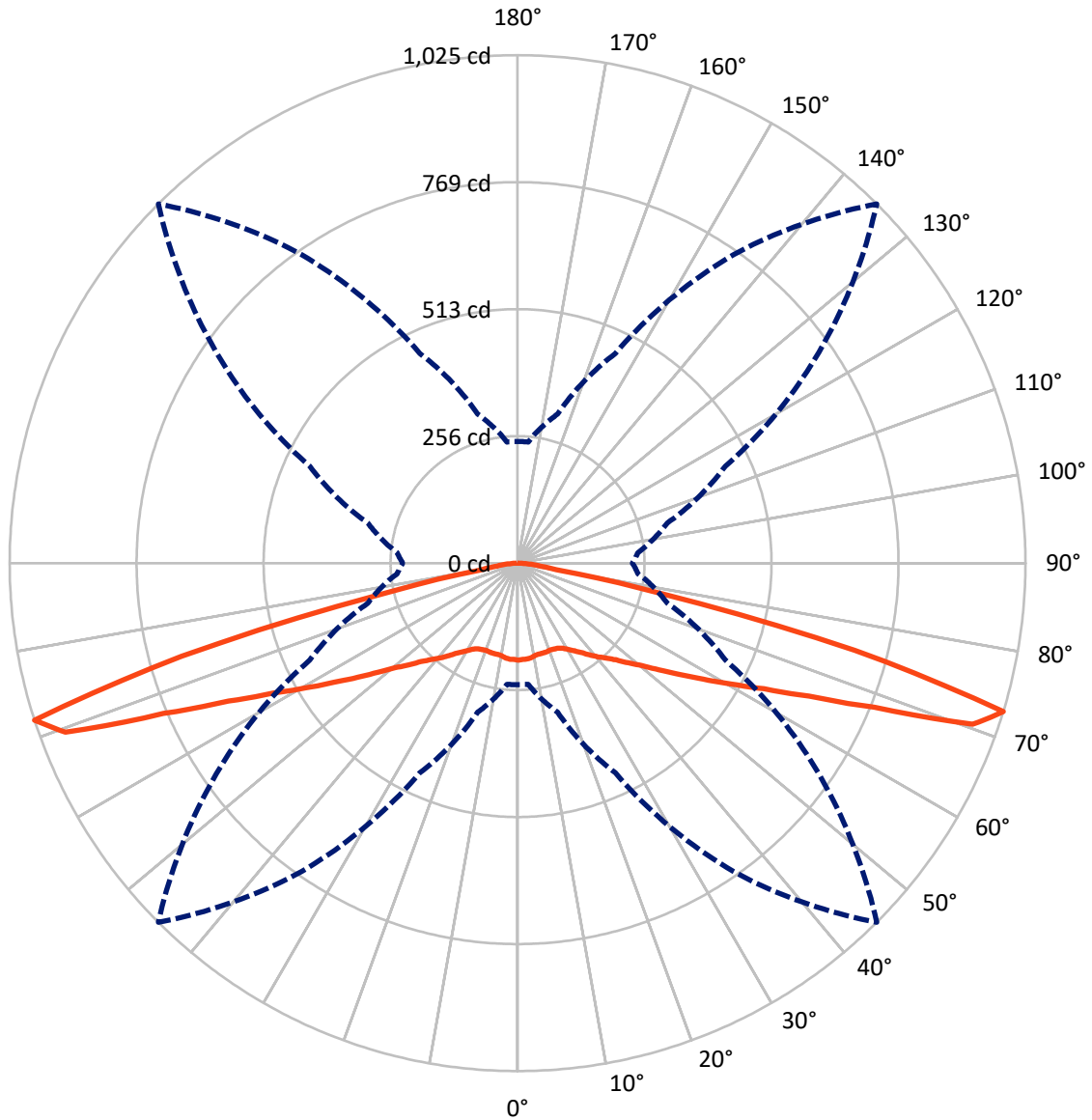
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 0.9 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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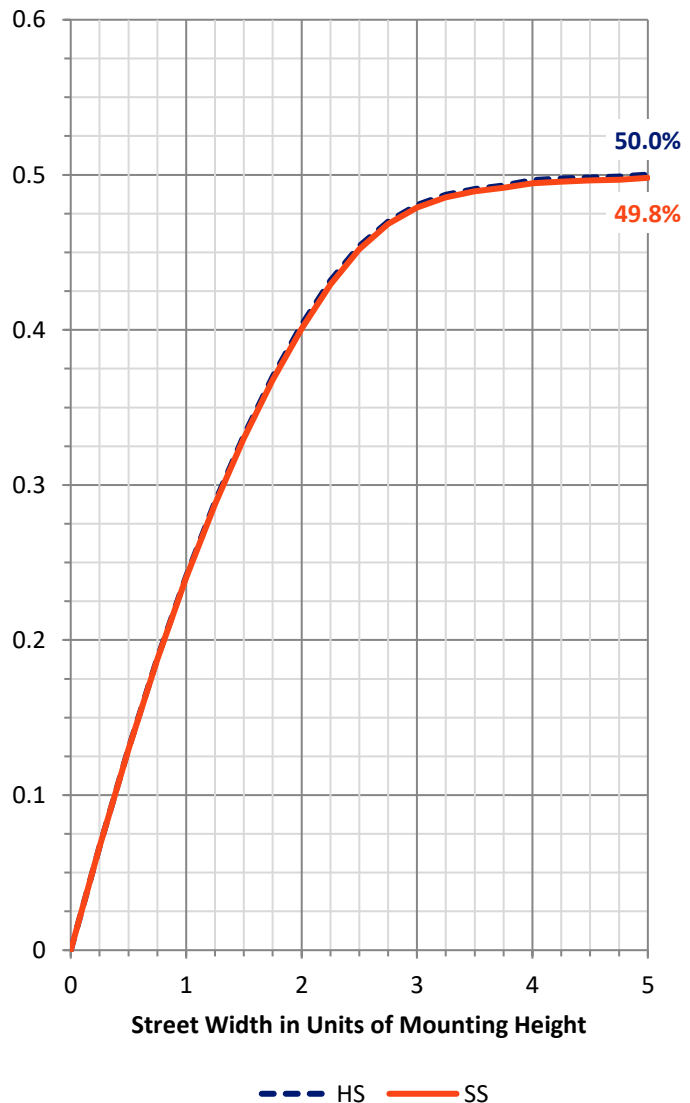
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	901.2	0.0	901.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	901.2	0.0	901.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	1802.3	0.0	1802.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.4	1.0
10°-20°	52.9	2.9
20°-30°	87.2	4.8
30°-40°	138.0	7.7
40°-50°	219.5	12.2
50°-60°	360.0	20.0
60°-70°	587.8	32.6
70°-80°	319.2	17.7
80°-90°	19.3	1.1
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°	1802.3	100.0
0°-180°	1802.3	100.0



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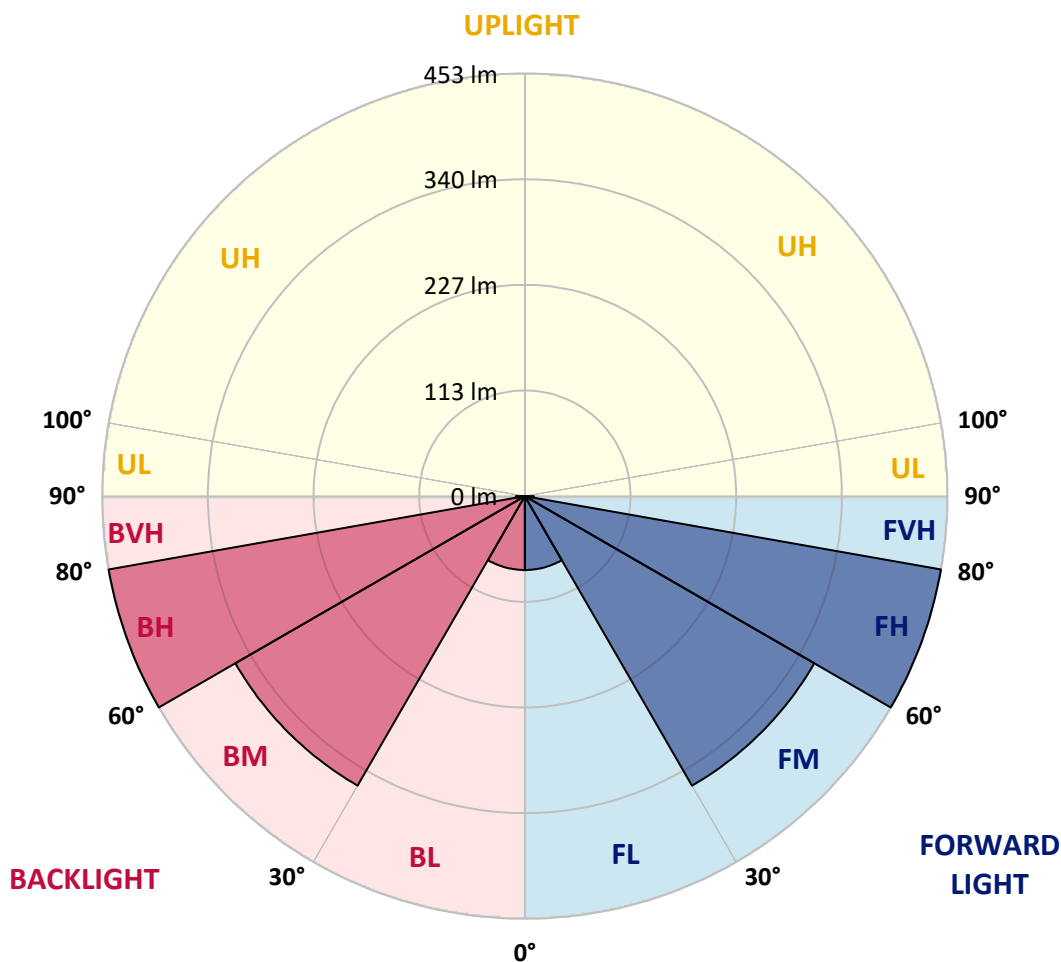
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	79.3	4.4			
FM (30°-60°)	358.7	19.9			
FH (60°-80°)	453.5	25.2			G0/660
FVH (80°-90°)	9.7	0.5			G0/10
BL (0°-30°)	79.3	4.4	B0/110		
BM (30°-60°)	358.7	19.9	B1/1000		
BH (60°-80°)	453.5	25.2	B1/500		G0/660
BVH (80°-90°)	9.7	0.5			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°	196.0	196.0	196.0	196.0	196.0	196.0	196.0	196.0	196.0	196.0	196.0
2.5°	196.0	194.5	194.5	194.5	194.5	194.5	194.5	193.0	194.5	194.5	194.5
5°	196.0	194.5	194.5	194.5	193.0	194.5	194.5	193.0	193.0	193.0	193.0
7.5°	193.0	193.0	193.0	193.0	193.0	193.0	193.0	191.5	191.5	191.5	191.5
10°	191.5	190.0	190.0	190.0	190.0	190.0	190.0	188.5	188.5	188.5	188.5
12.5°	188.5	188.5	187.0	188.5	188.5	188.5	188.5	187.0	187.0	187.0	187.0
15°	187.0	187.0	187.0	188.5	188.5	188.5	187.0	185.5	185.5	185.5	185.5
17.5°	185.5	185.5	185.5	187.0	187.0	188.5	187.0	185.5	184.0	184.0	184.0
20°	184.0	184.0	184.0	185.5	187.0	187.0	187.0	184.0	182.6	182.6	181.1
22.5°	182.6	182.6	184.0	185.5	187.0	188.5	187.0	184.0	182.6	181.1	181.1
25°	184.0	184.0	185.5	188.5	188.5	190.0	188.5	185.5	184.0	181.1	181.1
27.5°	187.0	187.0	190.0	193.0	194.5	194.5	193.0	190.0	187.0	185.5	184.0
30°	196.0	194.5	197.5	200.5	200.5	202.0	199.0	196.0	194.5	191.5	190.0
32.5°	205.0	205.0	206.5	209.5	209.5	211.0	209.5	208.0	206.5	202.0	202.0
35°	212.5	212.5	217.0	220.0	220.0	221.5	220.0	218.5	217.0	212.5	211.0
37.5°	223.0	223.0	227.4	231.9	231.9	234.9	233.4	230.4	227.4	224.5	221.5
40°	237.9	236.4	240.9	245.4	245.4	248.4	248.4	245.4	242.4	239.4	237.9
42.5°	254.4	252.9	258.9	263.4	261.9	261.9	263.4	263.4	261.9	257.4	255.9
45°	273.8	270.8	276.8	282.8	281.3	278.3	284.3	284.3	284.3	278.3	276.8
47.5°	296.3	293.3	300.8	305.3	303.8	300.8	306.7	306.7	306.7	299.3	296.3
50°	320.2	320.2	327.7	333.7	330.7	324.7	333.7	332.2	330.7	321.7	318.7
52.5°	350.1	350.1	359.1	368.1	365.1	357.6	366.6	366.6	363.6	353.1	348.6
55°	384.6	384.6	396.5	407.0	404.0	396.5	405.5	404.0	398.0	386.1	383.1
57.5°	422.0	420.5	432.4	447.4	447.4	441.4	447.4	442.9	432.4	416.0	413.0
60°	457.9	456.4	472.8	489.3	501.3	495.3	498.3	483.3	466.9	453.4	448.9
62.5°	502.8	504.3	522.2	541.7	558.1	558.1	553.6	537.2	531.2	516.2	508.8
65°	552.1	555.1	580.6	610.5	635.9	646.4	632.9	613.5	586.6	556.6	550.7
67.5°	550.7	555.1	603.0	673.4	743.7	776.6	734.7	671.9	613.5	567.1	556.6
70°	453.4	456.4	522.2	644.9	833.5	974.1	818.5	653.9	531.2	450.4	438.4
72.5°	245.4	245.4	311.2	466.9	760.1	1025.0	742.2	462.4	312.7	243.9	231.9
75°	94.3	92.8	121.2	190.0	432.4	703.3	432.4	181.1	110.7	86.8	82.3
77.5°	47.9	47.9	55.4	65.8	136.2	293.3	133.2	64.3	52.4	49.4	47.9
80°	31.4	29.9	34.4	40.4	52.4	79.3	53.9	40.4	34.4	31.4	31.4
82.5°	15.0	16.5	22.4	25.4	32.9	40.4	35.9	28.4	23.9	18.0	16.5
85°	7.5	7.5	12.0	15.0	19.5	23.9	22.4	18.0	15.0	9.0	9.0
87.5°	3.0	3.0	4.5	6.0	6.0	4.5	9.0	9.0	9.0	4.5	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)