

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: P682303

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

Issue Date: 04/26/2023



Test Information

Test Method: LM-79-08
Report Number: P682303
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-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @500mA w/ 5WQ distribution lens
Light Source: (16) 1620 CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

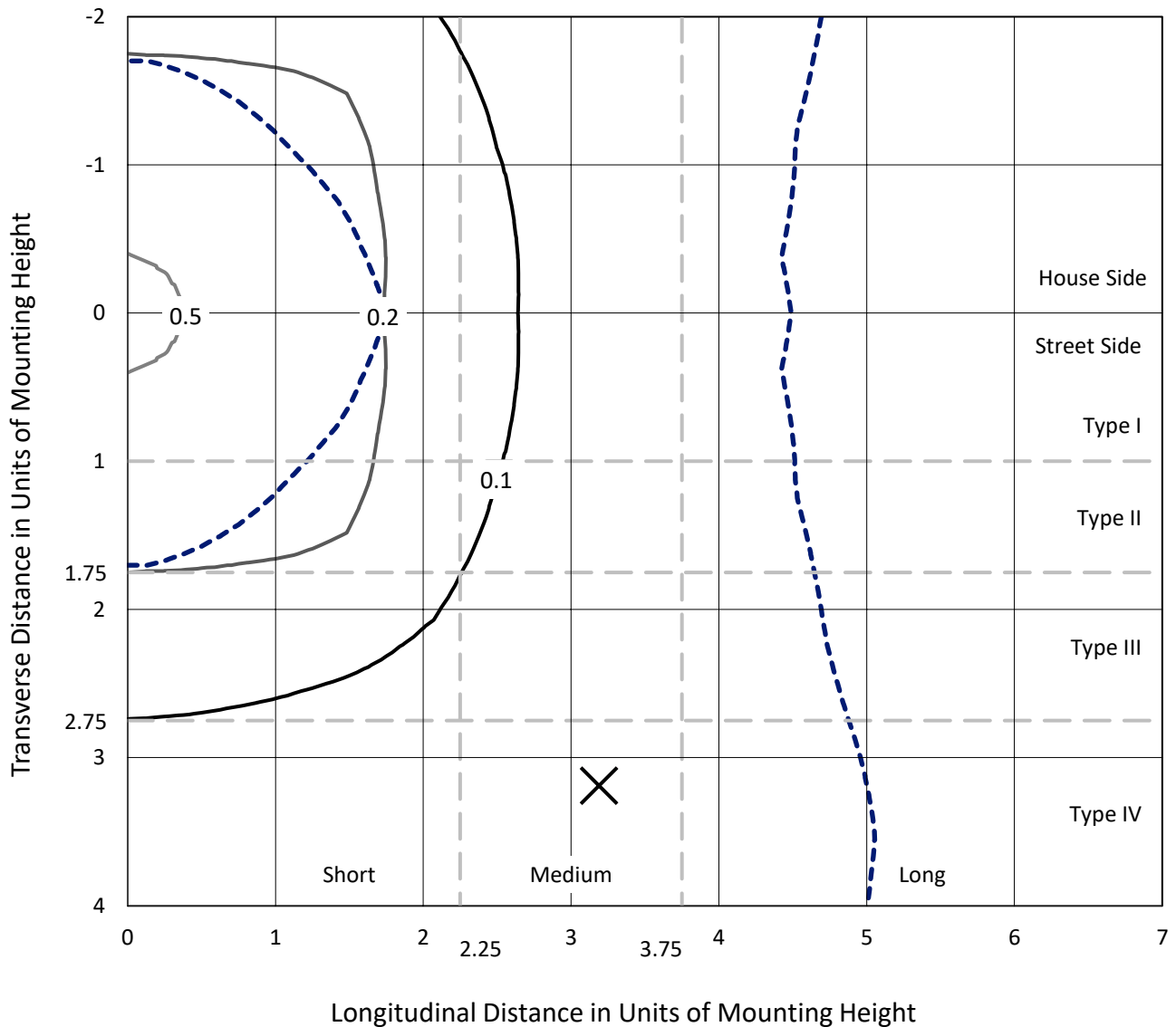
Lumens per Lamp: N/A
Luminaire Lumens: 1806.7 lumens
Efficiency: N/A
Efficacy: 44.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Medium
BUG Rating: B2 - U0 - G1

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

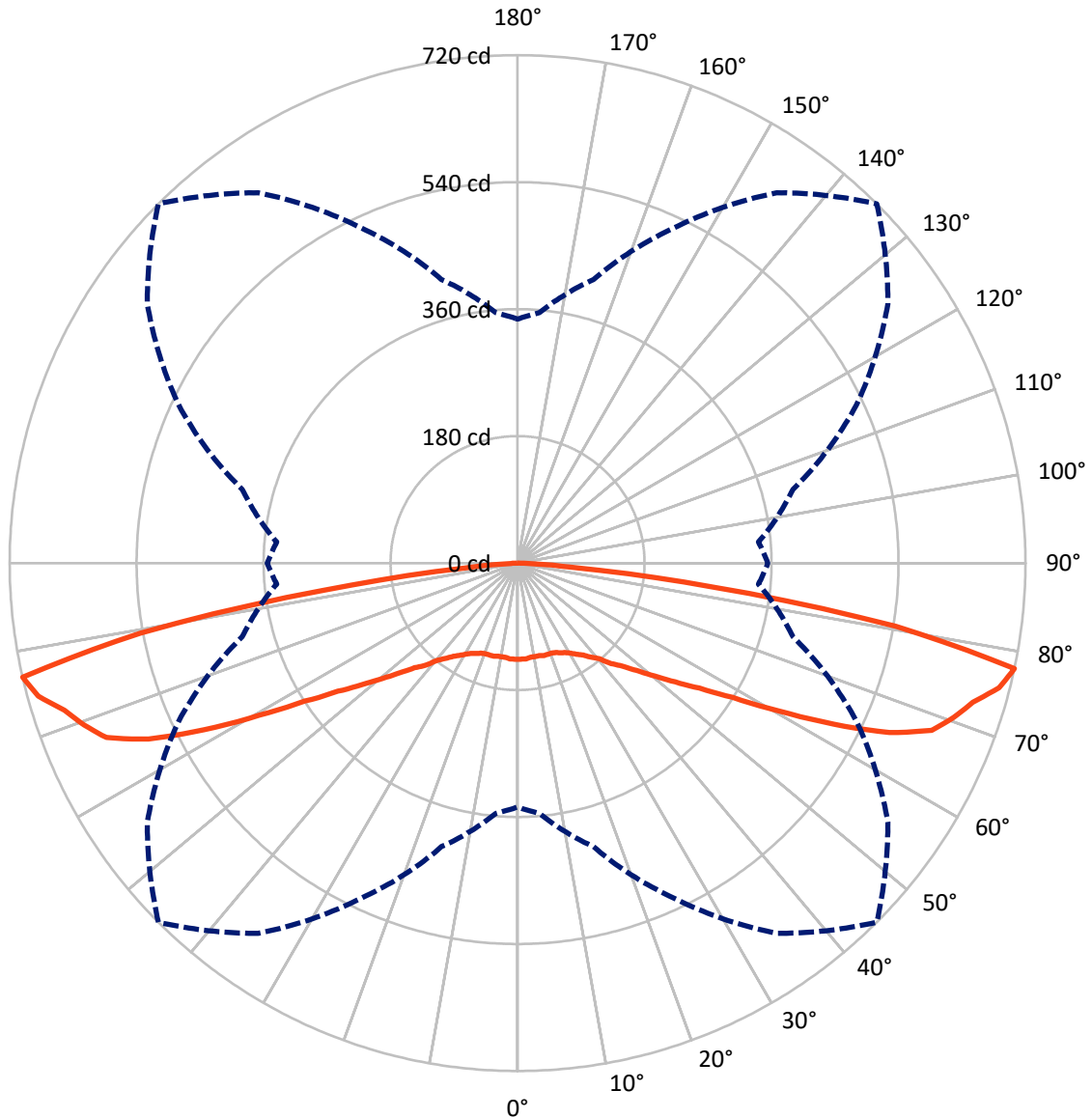
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 0.6 fc
 Type V - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 77.5-Deg Vertical

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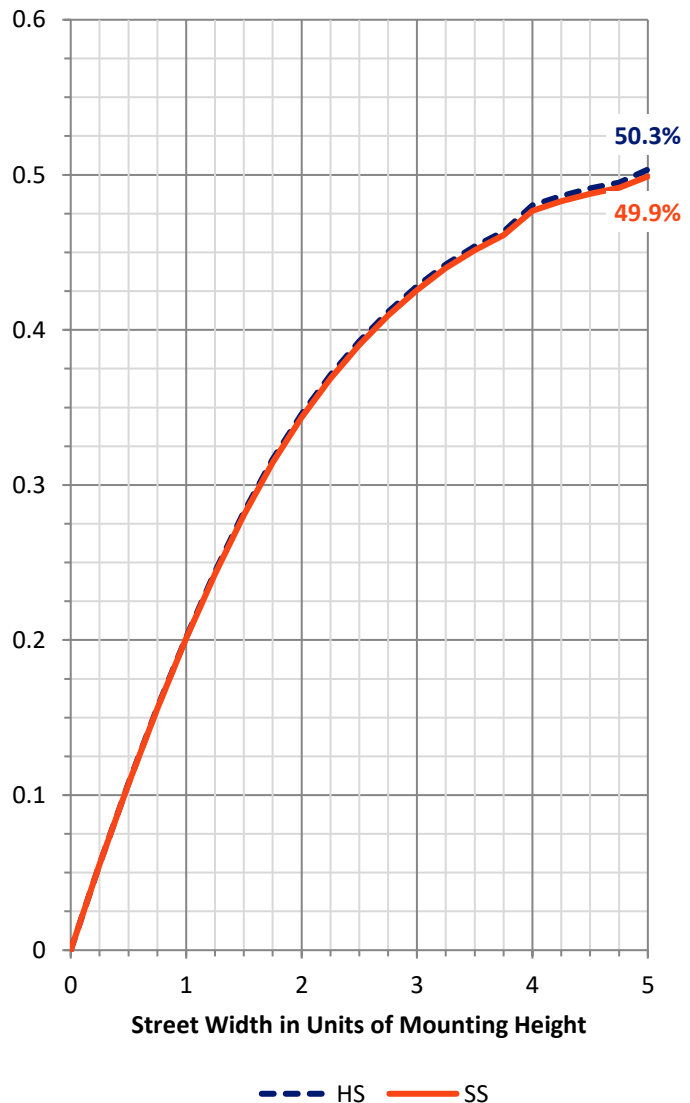
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	903.3	0.0	903.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	903.3	0.0	903.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	1806.7	0.0	1806.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.9	0.7
10°-20°	38.5	2.1
20°-30°	65.7	3.6
30°-40°	101.8	5.6
40°-50°	164.4	9.1
50°-60°	280.5	15.5
60°-70°	485.2	26.9
70°-80°	577.7	32.0
80°-90°	79.9	4.4
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°	1806.7	100.0
0°-180°	1806.7	100.0

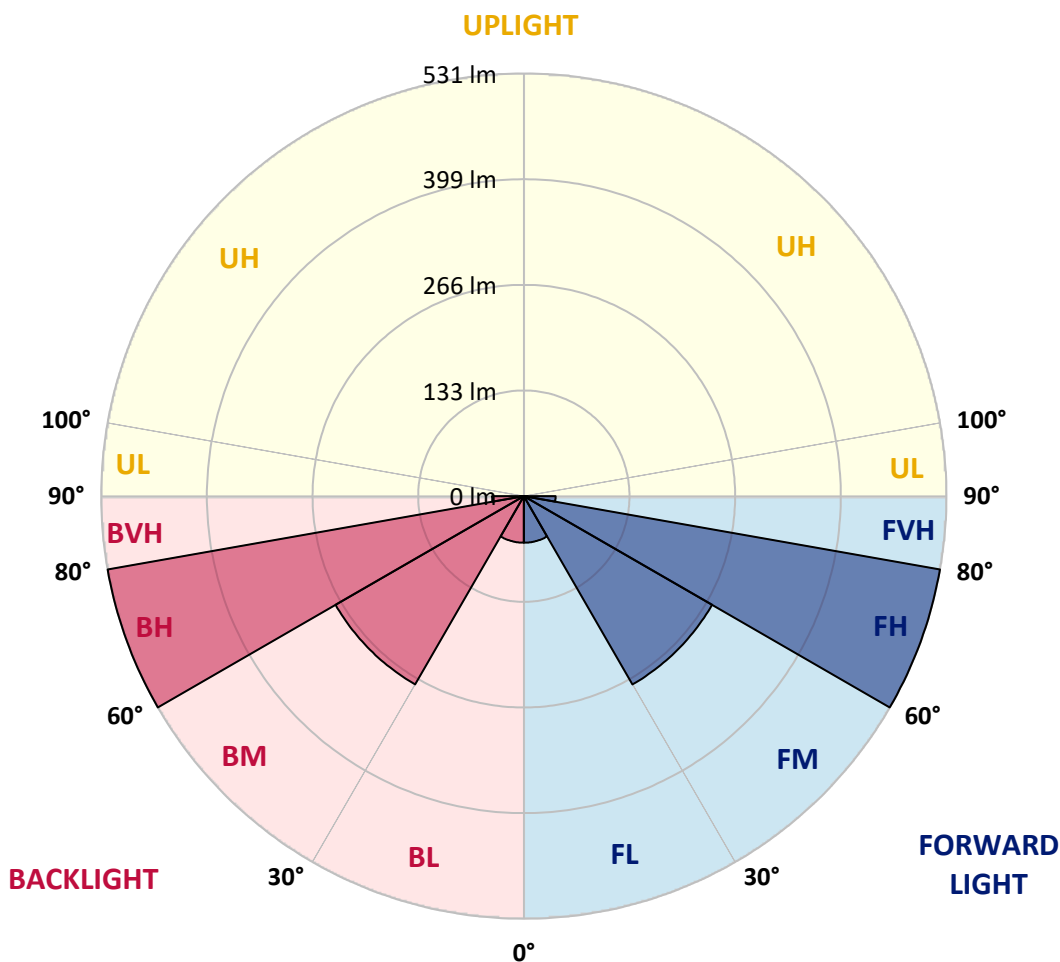


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	58.5	3.2			
FM (30°-60°)	273.4	15.1			
FH (60°-80°)	531.5	29.4			G0/660
FVH (80°-90°)	40.0	2.2			G1/100
BL (0°-30°)	58.5	3.2	B0/110		
BM (30°-60°)	273.4	15.1	B1/1000		
BH (60°-80°)	531.5	29.4	B2/1000		G0/660
BVH (80°-90°)	40.0	2.2			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 Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2
2.5°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2
5°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2
7.5°	136.2	136.2	134.7	134.7	134.7	134.7	134.7	134.7	134.7	134.7	134.7
10°	136.2	136.2	134.7	134.7	133.2	134.7	133.2	133.2	134.7	134.7	134.7
12.5°	136.2	136.2	134.7	134.7	133.2	134.7	133.2	133.2	134.7	134.7	134.7
15°	137.7	137.7	136.2	134.7	134.7	136.2	134.7	134.7	136.2	136.2	137.7
17.5°	139.2	139.2	136.2	136.2	136.2	136.2	136.2	134.7	136.2	137.7	137.7
20°	139.2	139.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	137.7	139.2
22.5°	140.7	140.7	137.7	137.7	137.7	137.7	137.7	136.2	137.7	139.2	139.2
25°	145.1	143.6	140.7	140.7	140.7	140.7	140.7	139.2	140.7	142.1	142.1
27.5°	148.1	146.6	143.6	143.6	143.6	143.6	143.6	143.6	145.1	146.6	146.6
30°	152.6	151.1	148.1	148.1	148.1	148.1	148.1	148.1	149.6	151.1	151.1
32.5°	155.6	155.6	154.1	154.1	152.6	154.1	152.6	152.6	154.1	154.1	154.1
35°	163.1	161.6	160.1	160.1	158.6	160.1	160.1	158.6	160.1	160.1	160.1
37.5°	172.1	170.6	169.1	167.6	167.6	169.1	166.1	164.6	167.6	169.1	167.6
40°	184.0	182.5	181.0	181.0	178.1	178.1	176.6	176.6	181.0	181.0	179.6
42.5°	197.5	196.0	194.5	194.5	191.5	194.5	190.0	190.0	194.5	194.5	193.0
45°	215.5	212.5	211.0	209.5	206.5	208.0	206.5	206.5	209.5	211.0	209.5
47.5°	233.4	230.4	228.9	228.9	225.9	227.4	224.4	224.4	230.4	230.4	230.4
50°	254.4	251.4	251.4	251.4	248.4	251.4	248.4	248.4	252.9	251.4	249.9
52.5°	276.8	273.8	275.3	275.3	275.3	279.8	276.8	275.3	278.3	275.3	272.3
55°	302.2	300.8	303.7	305.2	306.7	312.7	309.7	305.2	306.7	300.8	297.8
57.5°	333.7	332.2	338.2	344.1	351.6	359.1	354.6	342.6	341.2	330.7	327.7
60°	365.1	363.6	374.1	389.0	408.5	424.9	410.0	392.0	378.6	363.6	357.6
62.5°	396.5	396.5	411.5	439.9	475.8	502.8	477.3	441.4	419.0	398.0	393.5
65°	432.4	429.4	448.9	484.8	540.2	579.1	540.2	487.8	459.4	433.9	429.4
67.5°	483.3	481.8	496.8	531.2	592.5	632.9	583.5	532.7	501.3	472.8	465.3
70°	559.6	558.1	564.1	585.0	631.4	655.4	609.0	558.1	538.7	526.7	523.7
72.5°	615.0	615.0	626.9	652.4	670.3	674.8	615.0	597.0	601.5	592.5	592.5
75°	543.1	549.1	585.0	647.9	709.2	704.7	653.9	625.4	579.1	553.6	552.1
77.5°	345.6	356.1	416.0	523.7	640.4	719.7	640.4	529.7	404.0	342.6	354.6
80°	116.7	121.2	166.1	266.3	444.4	543.1	447.4	269.3	145.1	110.7	113.7
82.5°	34.4	40.4	56.9	80.8	178.1	278.3	170.6	80.8	52.4	40.4	37.4
85°	10.5	12.0	23.9	29.9	47.9	76.3	50.9	35.9	26.9	16.5	15.0
87.5°	3.0	3.0	7.5	9.0	15.0	9.0	16.5	16.5	13.5	6.0	6.0
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)