

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: P682590

Luminaire Tested: **CCP-SA-1-AMB-U-5NQ**

Issue Date: 04/26/2023



Test Information

Test Method: LM-79-08
Report Number: P682590
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1-AMB-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @500mA w/ 5NQ distribution lens
Light Source: (16) 1620 CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

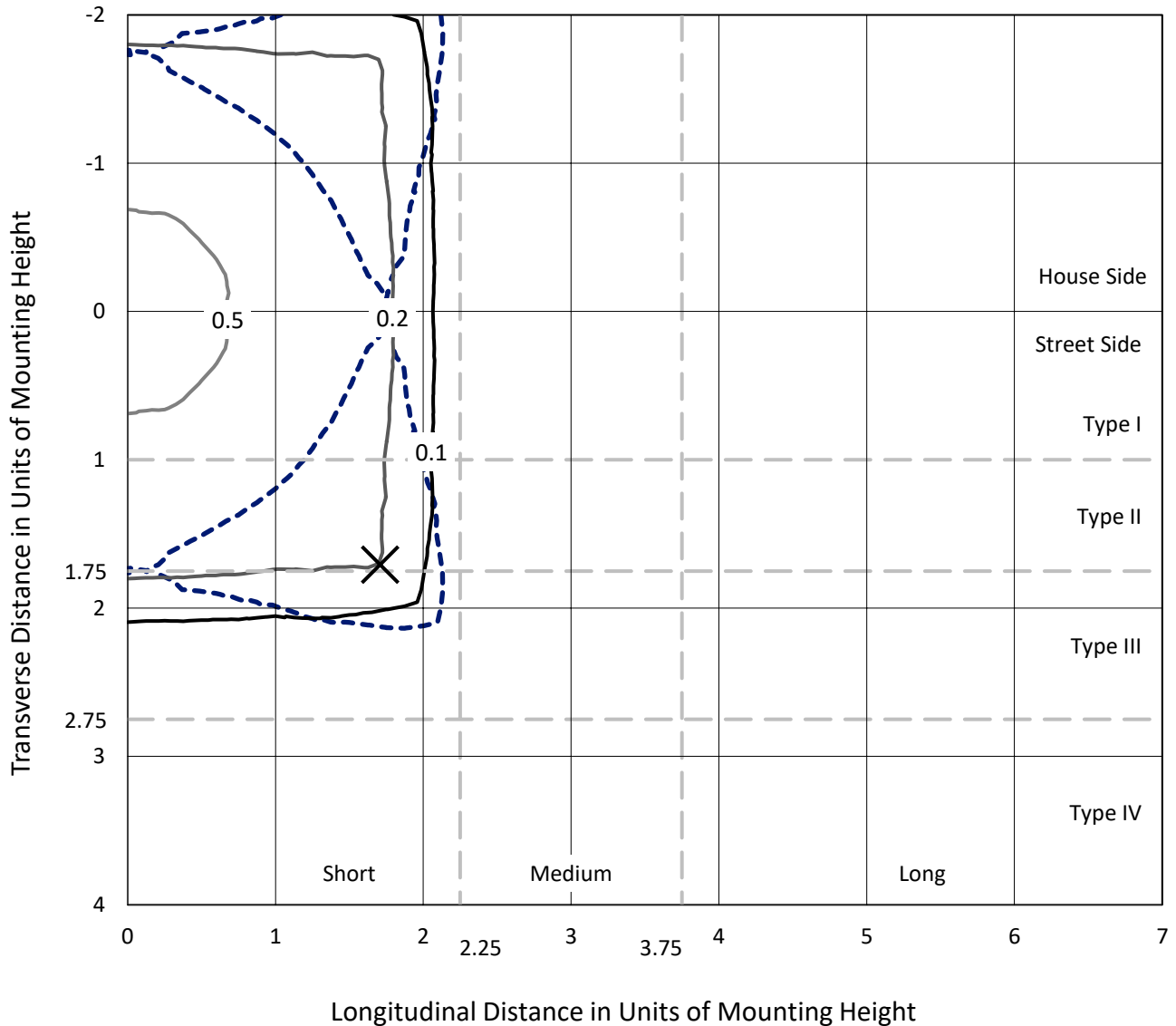
Lumens per Lamp: N/A
Luminaire Lumens: 1215 lumens
Efficiency: N/A
Efficacy: 53.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B1 - U0 - G0

Input Watts (W): 22.6
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

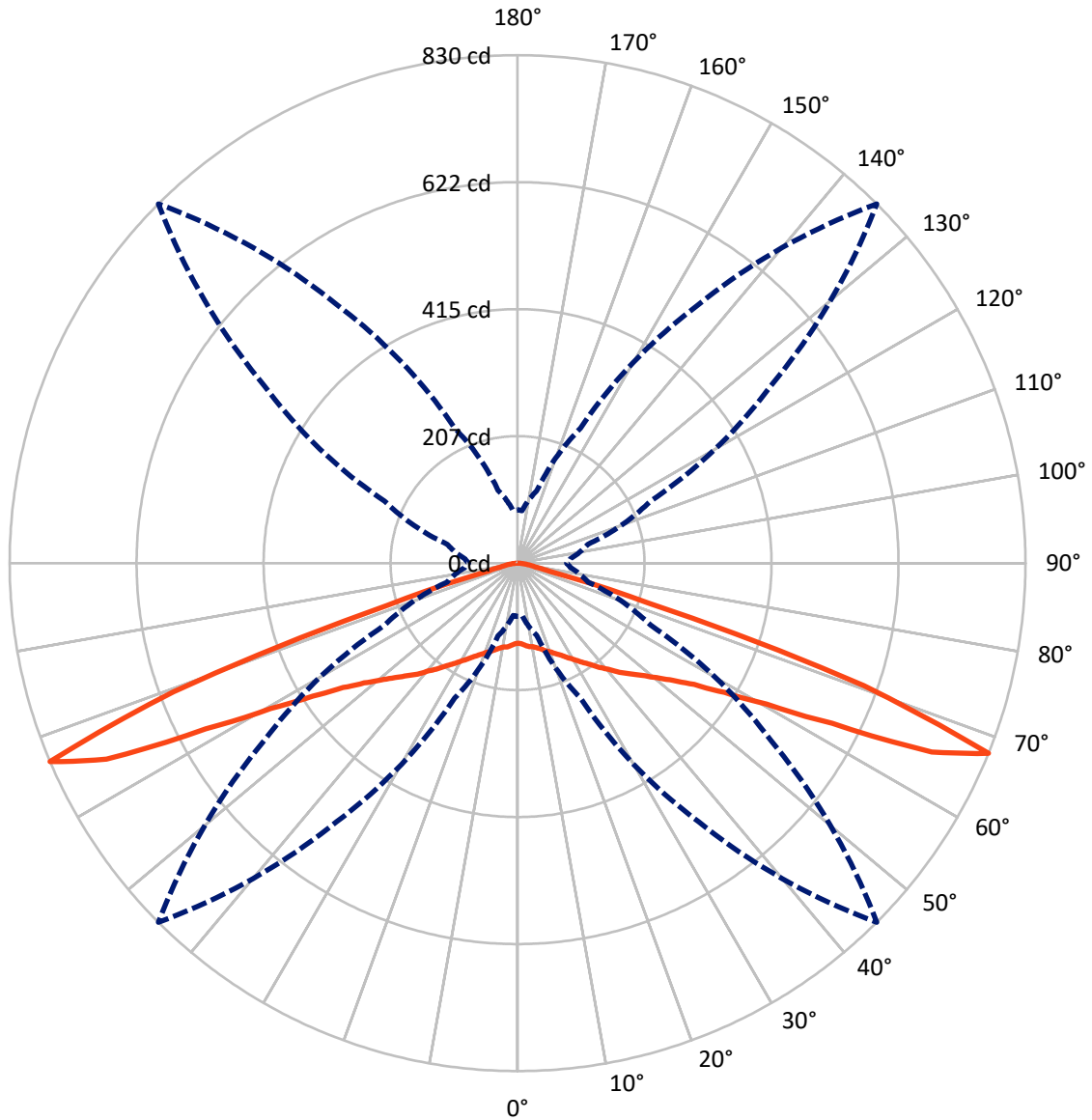
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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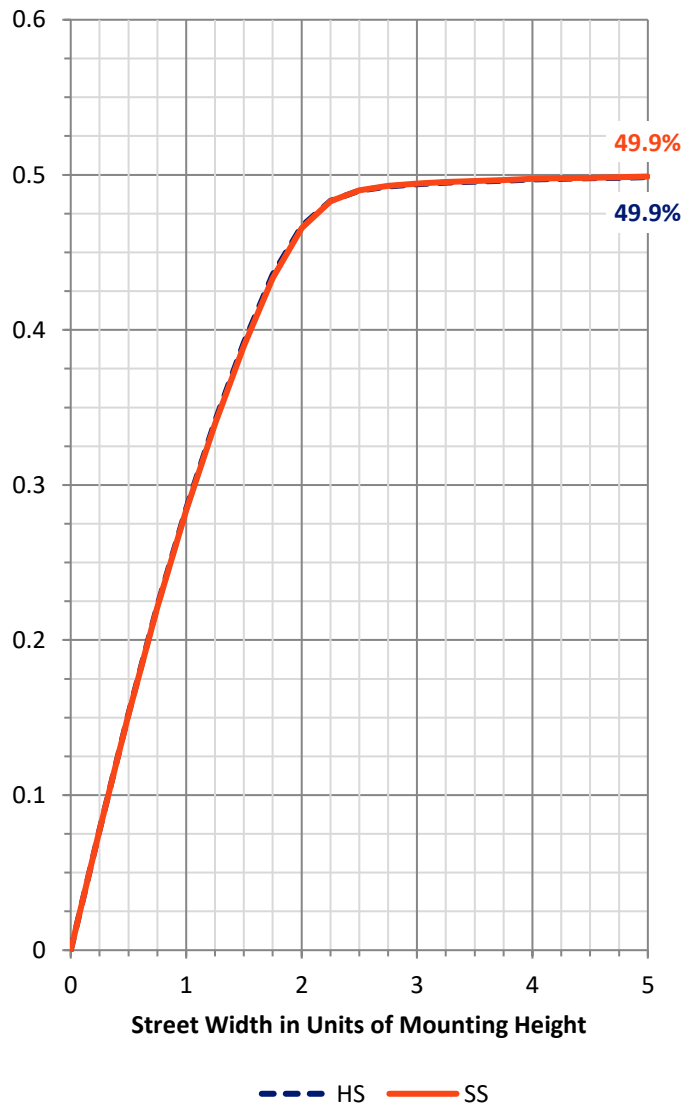
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	607.5	0.0	607.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	607.5	0.0	607.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	1215.0	0.0	1215.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.0	1.1
10°-20°	41.6	3.4
20°-30°	78.0	6.4
30°-40°	129.4	10.7
40°-50°	205.4	16.9
50°-60°	323.4	26.6
60°-70°	368.4	30.3
70°-80°	49.5	4.1
80°-90°	6.3	0.5
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°	1215.0	100.0
0°-180°	1215.0	100.0



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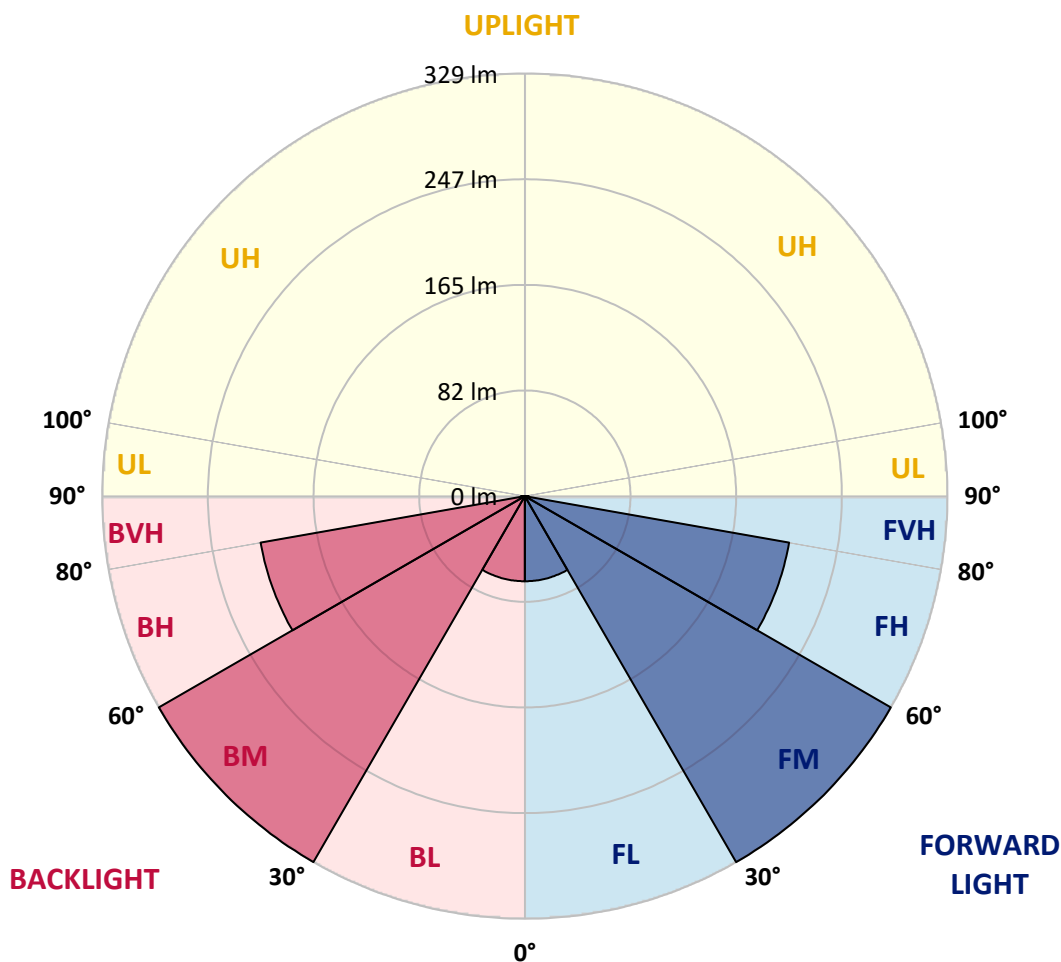
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	66.3	5.5			
FM (30°-60°)	329.1	27.1			
FH (60°-80°)	209.0	17.2			G0/660
FVH (80°-90°)	3.2	0.3			G0/10
BL (0°-30°)	66.3	5.5	B0/110		
BM (30°-60°)	329.1	27.1	B1/1000		
BH (60°-80°)	209.0	17.2	B1/500		G0/660
BVH (80°-90°)	3.2	0.3			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°	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9
2.5°	132.9	131.9	131.9	131.9	131.9	131.9	131.9	130.9	131.9	131.9	131.9
5°	134.9	134.9	133.9	134.9	134.9	134.9	134.9	133.9	133.9	134.9	134.9
7.5°	136.9	136.9	136.9	136.9	136.9	136.9	136.9	136.9	136.9	136.9	136.9
10°	139.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9	138.9
12.5°	141.9	140.9	140.9	141.9	141.9	141.9	141.9	141.9	141.9	141.9	141.9
15°	145.9	144.9	144.9	144.9	144.9	144.9	145.9	145.9	145.9	145.9	145.9
17.5°	150.9	149.9	149.9	149.9	149.9	149.9	150.9	149.9	150.9	150.9	149.9
20°	154.9	153.9	153.9	154.9	153.9	154.9	154.9	154.9	155.9	154.9	154.9
22.5°	159.9	158.9	158.9	159.9	159.9	160.9	159.9	159.9	160.9	159.9	159.9
25°	166.9	165.9	165.9	166.9	166.9	166.9	166.9	166.9	167.9	166.9	165.9
27.5°	174.9	173.9	173.9	175.9	174.9	174.9	174.9	174.9	175.9	173.9	173.9
30°	181.9	181.9	181.9	183.9	182.9	182.9	182.9	183.9	183.9	181.9	180.9
32.5°	192.9	190.9	191.9	193.9	192.9	192.9	191.9	192.9	192.9	190.9	189.9
35°	204.9	202.9	204.9	206.9	203.9	202.9	202.9	204.9	206.9	203.9	201.9
37.5°	214.9	213.9	216.9	218.9	216.9	215.9	216.9	217.9	219.9	216.9	213.9
40°	228.9	226.9	229.9	232.9	229.9	227.9	229.9	231.9	233.9	229.9	227.9
42.5°	245.9	242.9	247.9	250.9	245.9	243.9	246.9	249.9	251.9	246.9	243.9
45°	261.9	260.9	265.9	267.9	261.9	257.9	262.9	266.9	267.9	263.9	261.9
47.5°	276.9	275.9	282.9	285.9	278.9	273.9	279.9	284.9	284.9	278.9	275.9
50°	293.9	290.9	300.9	305.9	299.9	293.9	300.9	305.9	302.9	294.9	291.9
52.5°	315.9	315.9	323.9	328.9	323.9	317.9	325.9	328.9	324.9	317.9	313.9
55°	344.9	343.9	355.9	358.9	355.9	349.9	356.9	356.9	355.9	345.9	342.9
57.5°	372.9	374.9	388.8	398.8	399.8	398.8	400.8	396.8	390.8	379.9	376.9
60°	402.8	401.8	423.8	442.8	458.8	467.8	460.8	444.8	426.8	404.8	398.8
62.5°	370.9	368.9	413.8	478.8	537.8	576.8	540.8	475.8	410.8	367.9	357.9
65°	252.9	246.9	306.9	420.8	592.8	743.7	591.8	417.8	292.9	233.9	220.9
67.5°	87.0	86.0	123.0	242.9	515.8	829.7	504.8	239.9	119.0	87.0	80.0
70°	37.0	37.0	46.0	77.0	250.9	599.8	246.9	74.0	39.0	33.0	31.0
72.5°	25.0	25.0	27.0	34.0	77.0	224.9	63.0	32.0	25.0	23.0	22.0
75°	19.0	19.0	20.0	24.0	33.0	54.0	31.0	23.0	20.0	18.0	17.0
77.5°	14.0	14.0	15.0	18.0	23.0	29.0	22.0	18.0	15.0	13.0	13.0
80°	9.0	10.0	11.0	12.0	15.0	20.0	16.0	13.0	12.0	10.0	9.0
82.5°	6.0	6.0	8.0	9.0	9.0	13.0	10.0	10.0	9.0	7.0	6.0
85°	3.0	4.0	5.0	5.0	5.0	5.0	6.0	7.0	6.0	4.0	4.0
87.5°	1.0	1.0	2.0	2.0	2.0	2.0	3.0	4.0	4.0	2.0	2.0
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)