

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: P672360

Luminaire Tested: **CCP-SA-2A-722-U-5WQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672360
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-722-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5WQ
distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

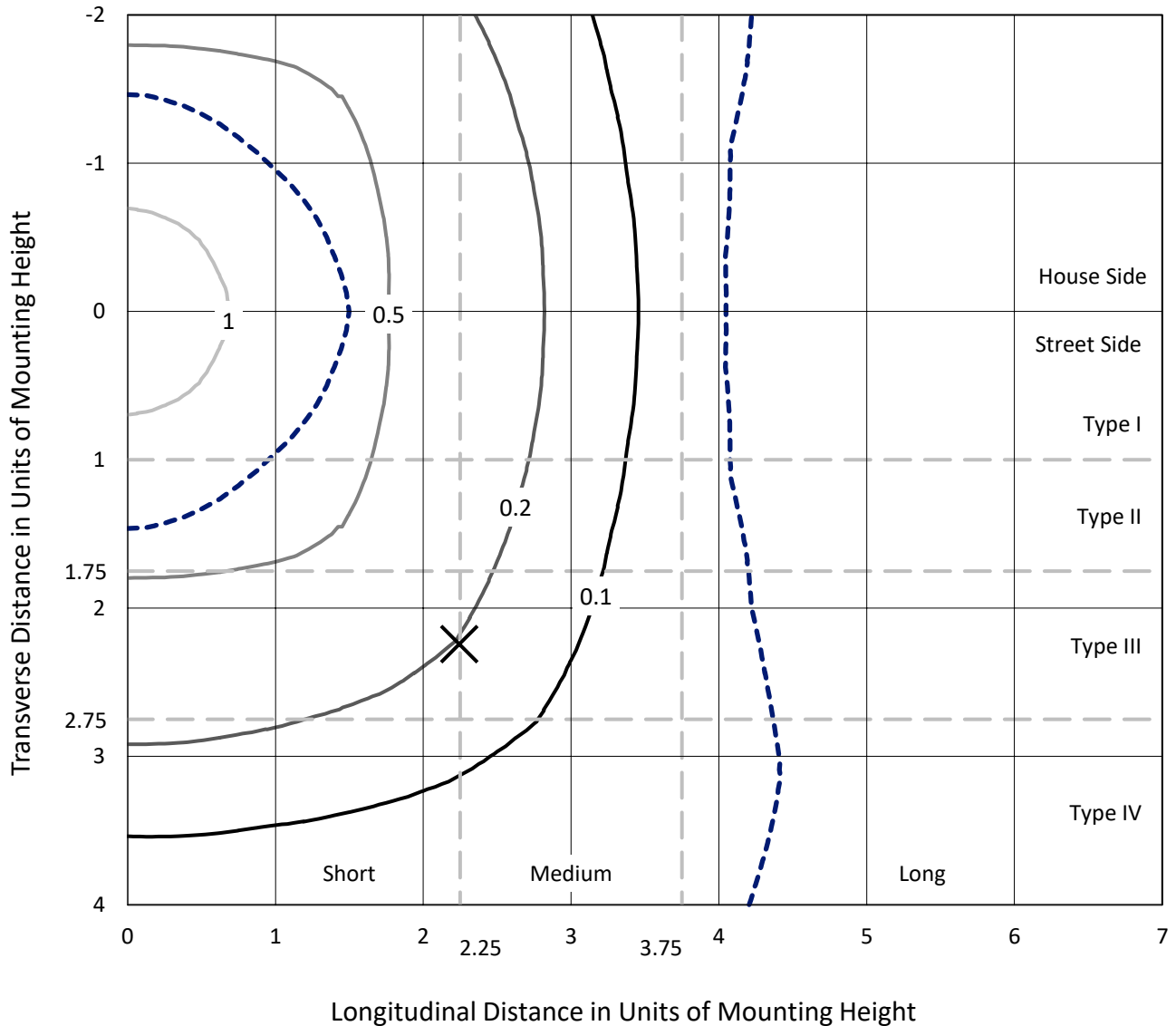
Lumens per Lamp: N/A
Luminaire Lumens: 4224.3 lumens
Efficiency: N/A
Efficacy: 116.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 36.2
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

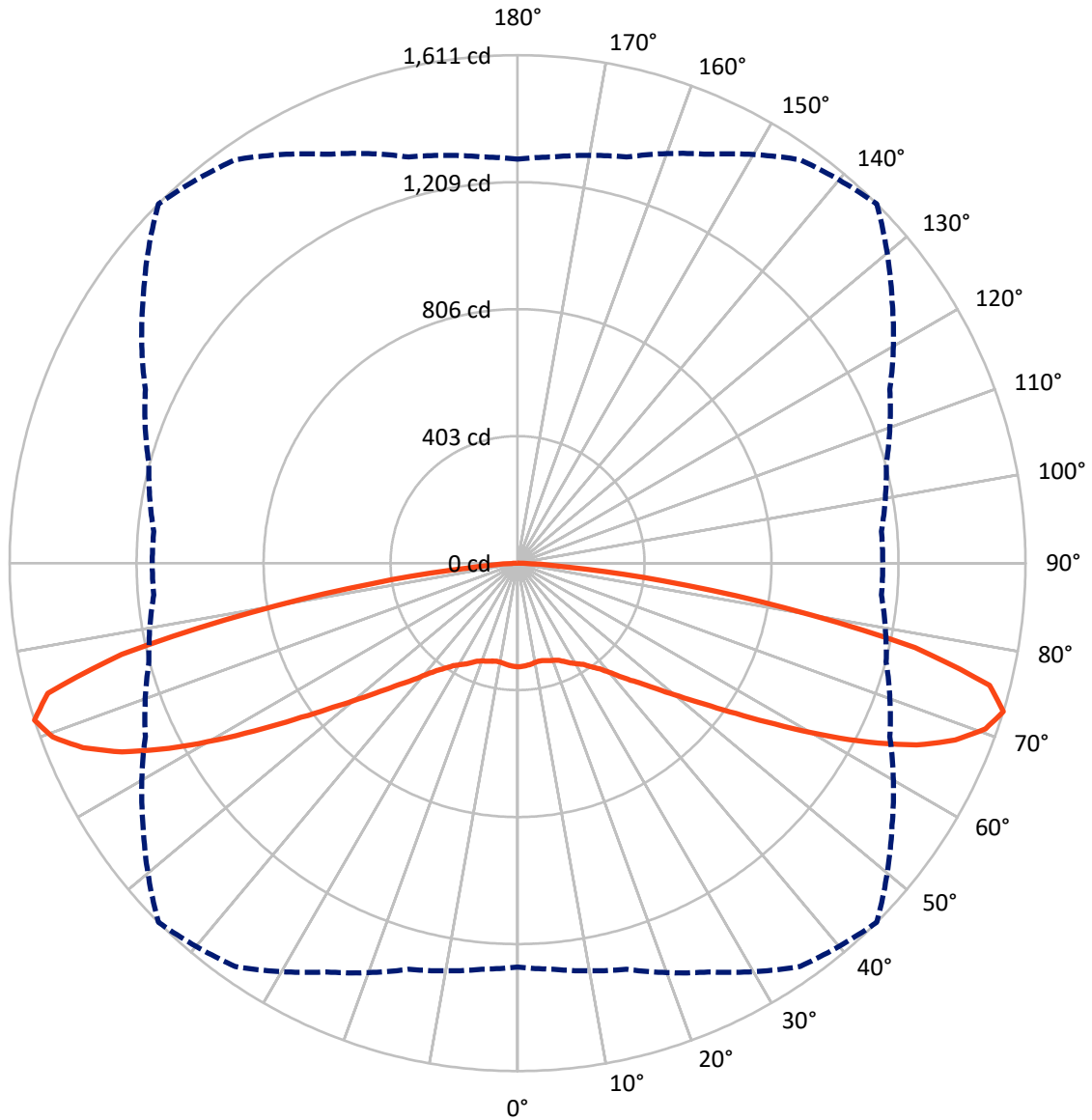
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.5 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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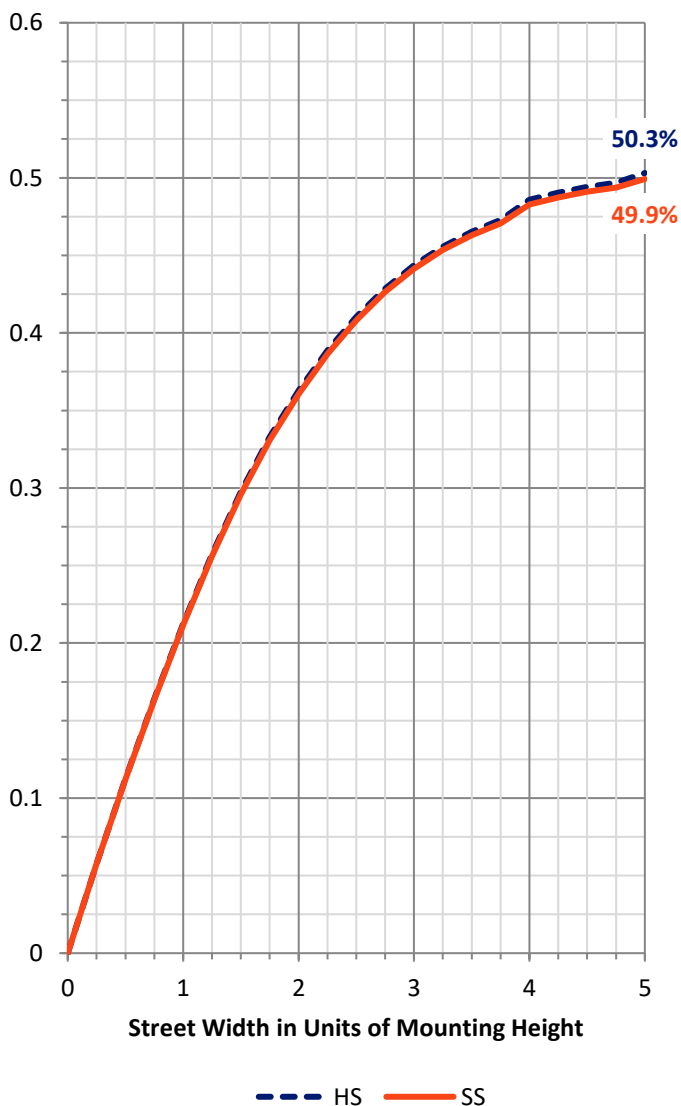
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2112.1	0.0	2112.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2112.1	0.0	2112.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	4224.3	0.0	4224.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.9	0.7
10°-20°	91.8	2.2
20°-30°	161.2	3.8
30°-40°	257.1	6.1
40°-50°	430.0	10.2
50°-60°	735.8	17.4
60°-70°	1214.6	28.8
70°-80°	1164.1	27.6
80°-90°	138.8	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°	4224.3	100.0
0°-180°	4224.3	100.0



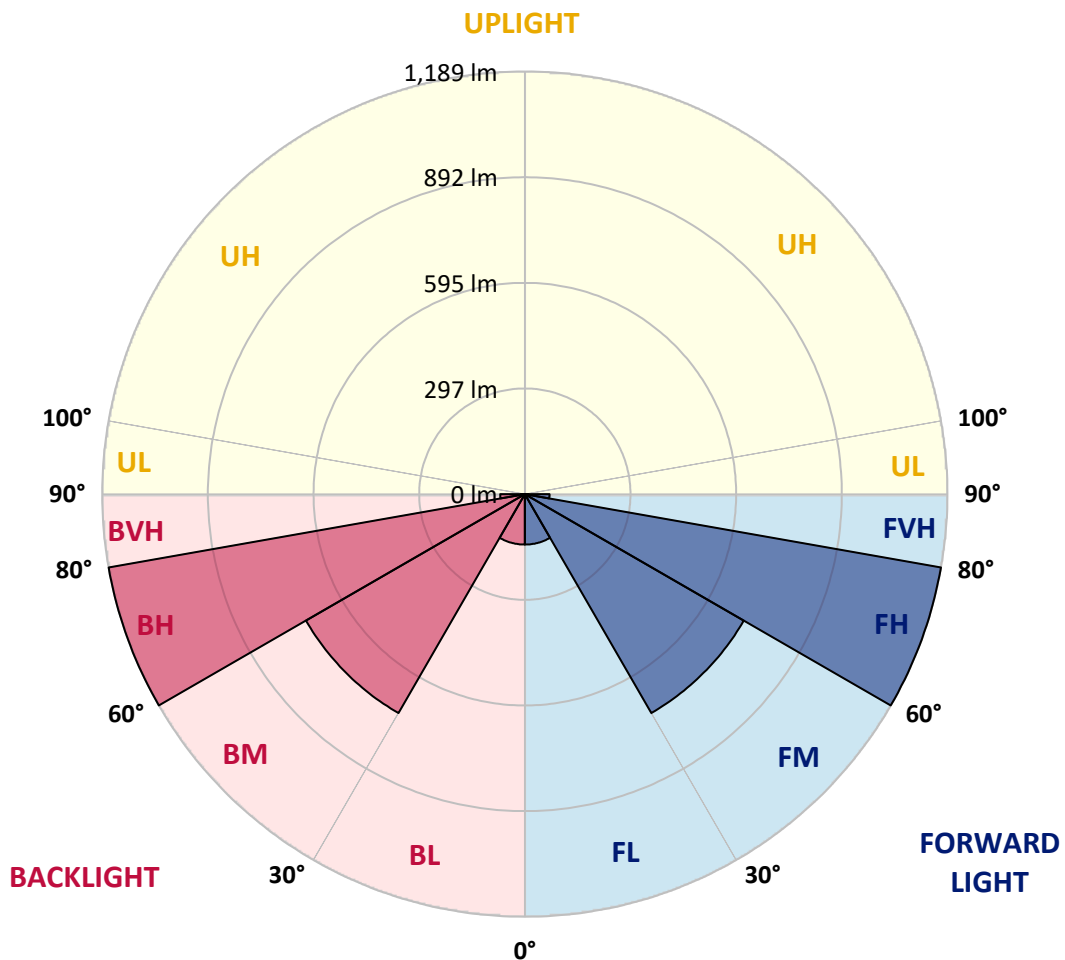
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	141.9	3.4			
FM (30°-60°)	711.4	16.8			
FH (60°-80°)	1189.4	28.2			G1/1800
FVH (80°-90°)	69.4	1.6			G1/100
BL (0°-30°)	141.9	3.4	B1/500		
BM (30°-60°)	711.4	16.8	B1/1000		
BH (60°-80°)	1189.4	28.2	B3/2500		G1/1800
BVH (80°-90°)	69.4	1.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	329.0	329.0	329.0	329.0	329.0	329.0	329.0	329.0	329.0	329.0	329.0
2.5°	326.9	326.9	327.8	328.1	327.8	327.5	327.2	326.9	327.8	327.5	327.8
5°	326.0	326.0	326.3	326.6	326.0	325.7	325.1	324.8	325.4	325.4	326.0
7.5°	323.6	323.4	323.6	323.9	323.1	322.8	321.9	321.9	321.9	321.6	322.2
10°	321.6	321.0	321.0	320.4	318.9	319.2	318.0	318.9	320.4	320.7	321.0
12.5°	322.5	321.9	321.3	319.8	317.8	318.0	317.8	318.6	320.7	321.9	322.8
15°	326.6	326.0	324.5	321.9	320.7	320.7	320.1	320.4	323.4	325.1	326.0
17.5°	331.0	329.8	327.2	325.4	324.2	325.1	323.1	322.8	325.1	327.8	328.7
20°	334.6	333.7	330.4	328.4	328.4	329.2	327.2	326.0	328.7	331.9	332.8
22.5°	340.7	340.2	336.9	334.8	334.8	335.1	334.0	333.1	336.0	339.3	340.2
25°	349.6	349.6	346.3	345.5	345.2	345.8	344.3	343.4	346.0	348.4	349.3
27.5°	359.9	359.0	356.4	355.8	357.0	359.0	356.4	354.0	356.1	358.1	358.4
30°	370.8	370.8	368.4	368.4	369.3	370.2	367.9	365.5	367.6	369.9	370.2
32.5°	386.1	385.3	384.4	384.7	384.4	383.2	382.0	381.7	383.5	385.0	385.5
35°	405.0	404.7	403.5	404.1	404.1	404.1	400.6	399.4	402.3	403.5	402.9
37.5°	434.2	433.9	430.9	429.2	427.1	426.2	421.8	421.5	428.6	432.1	431.5
40°	469.8	468.7	466.0	463.1	460.4	458.6	454.2	457.5	464.8	467.5	467.5
42.5°	508.8	507.3	504.3	502.9	501.1	499.3	493.4	494.9	503.7	506.4	503.4
45°	556.5	554.4	551.2	548.0	545.3	541.8	538.8	540.3	549.7	553.0	550.6
47.5°	607.2	606.6	604.0	601.3	599.0	596.6	592.8	595.4	603.7	603.1	598.4
50°	660.9	662.0	662.3	665.0	663.2	663.5	656.4	655.0	661.4	657.6	651.7
52.5°	718.6	720.4	726.6	731.9	741.6	742.8	734.0	724.5	723.3	713.3	707.1
55°	785.5	785.2	798.8	813.5	835.1	841.8	822.1	804.4	794.7	775.2	768.7
57.5°	861.3	860.4	881.0	907.0	945.9	962.7	926.4	892.8	869.2	846.0	839.2
60°	943.5	945.6	970.6	1012.8	1080.0	1103.3	1048.5	992.7	956.8	926.4	923.8
62.5°	1039.6	1039.9	1069.4	1126.6	1213.8	1251.3	1175.8	1100.3	1054.6	1021.3	1014.3
65°	1153.1	1155.2	1186.7	1244.5	1344.7	1391.0	1304.0	1212.1	1158.1	1113.0	1112.1
67.5°	1269.5	1268.3	1297.2	1358.5	1455.2	1498.0	1406.9	1304.3	1234.2	1177.9	1170.5
70°	1344.1	1350.6	1381.8	1440.5	1533.0	1574.6	1463.8	1340.0	1266.6	1215.0	1211.5
72.5°	1281.3	1293.4	1333.8	1431.1	1562.2	1611.4	1450.2	1303.1	1210.6	1158.7	1158.7
75°	1040.2	1060.2	1116.5	1266.3	1461.4	1546.6	1342.6	1140.4	1005.7	950.3	950.3
77.5°	633.7	652.9	728.9	911.7	1180.2	1289.3	1094.4	858.9	703.0	635.2	626.4
80°	210.8	223.1	297.7	463.4	724.5	858.0	733.4	487.8	314.8	239.9	238.8
82.5°	56.0	61.0	84.9	134.4	314.5	464.8	335.4	160.9	92.3	71.6	66.0
85°	19.5	20.9	36.0	44.8	79.9	153.9	93.4	58.4	44.8	27.1	25.3
87.5°	5.6	6.2	14.4	15.6	23.0	18.0	25.3	23.3	21.2	8.8	8.0
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)