

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: P672357

Luminaire Tested: **CCP-SA-1D-722-U-5WQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672357
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1D-722-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5WQ distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

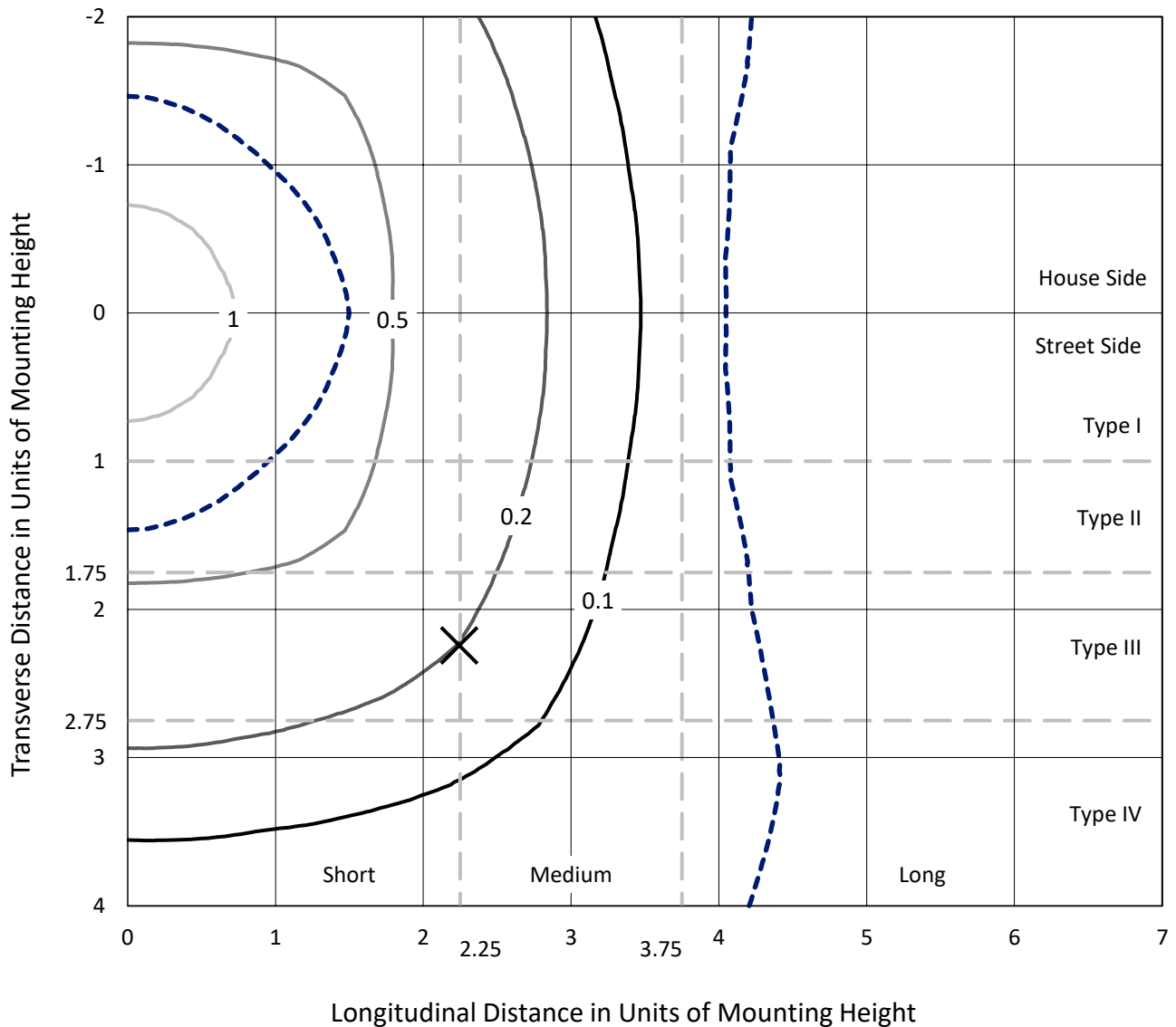
Lumens per Lamp: N/A
Luminaire Lumens: 4305.6 lumens
Efficiency: N/A
Efficacy: 97.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 44
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

REPORT NUMBER: P672357
 CATALOG NUMBER: CCP-SA-1D-722-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination

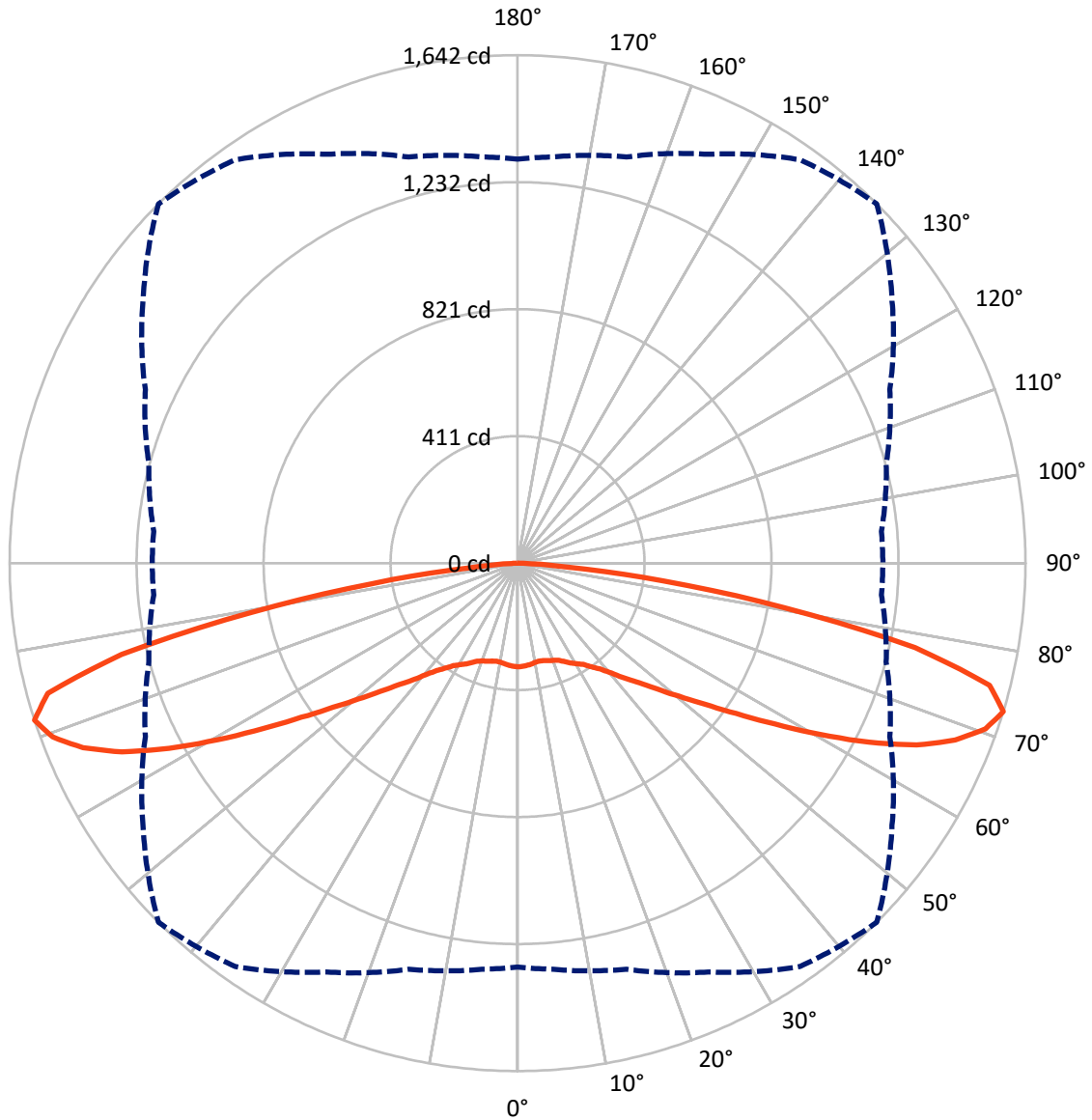
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.5 fc
 Type V - Short - N/A

REPORT NUMBER: P672357
CATALOG NUMBER: CCP-SA-1D-722-U-5WQ

Luminous Intensity Polar Plot



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

REPORT NUMBER: P672357
 CATALOG NUMBER: CCP-SA-1D-722-U-5WQ

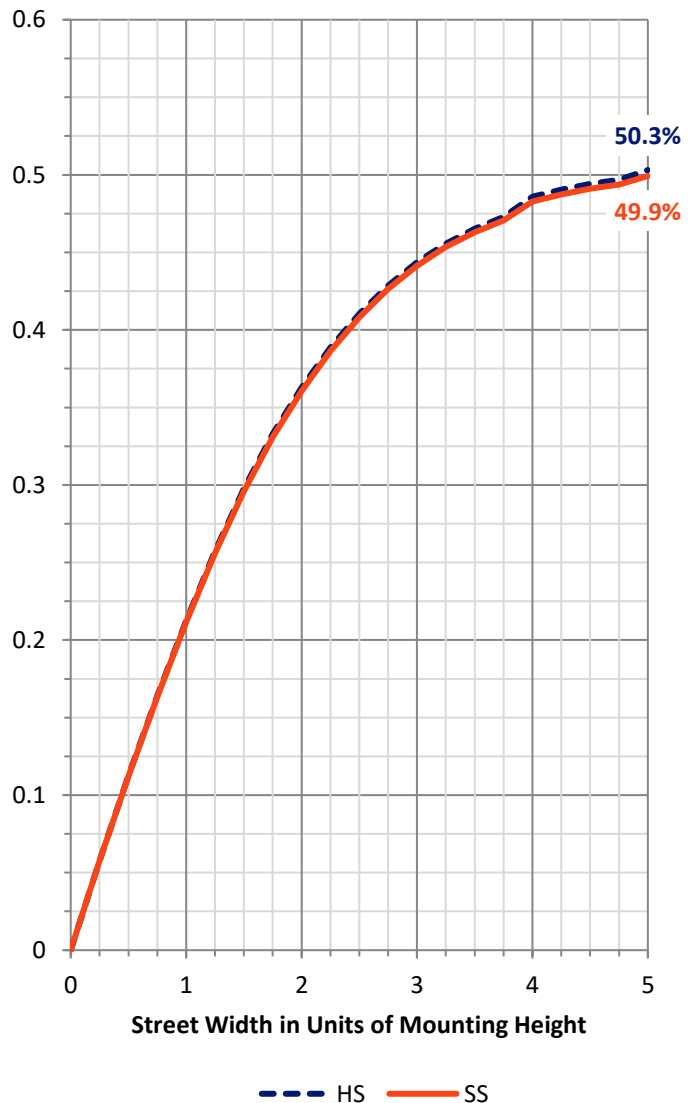
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2152.8	0.0	2152.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2152.8	0.0	2152.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	4305.6	0.0	4305.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.5	0.7
10°-20°	93.5	2.2
20°-30°	164.3	3.8
30°-40°	262.1	6.1
40°-50°	438.2	10.2
50°-60°	749.9	17.4
60°-70°	1238.0	28.8
70°-80°	1186.6	27.6
80°-90°	141.5	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°	4305.6	100.0
0°-180°	4305.6	100.0



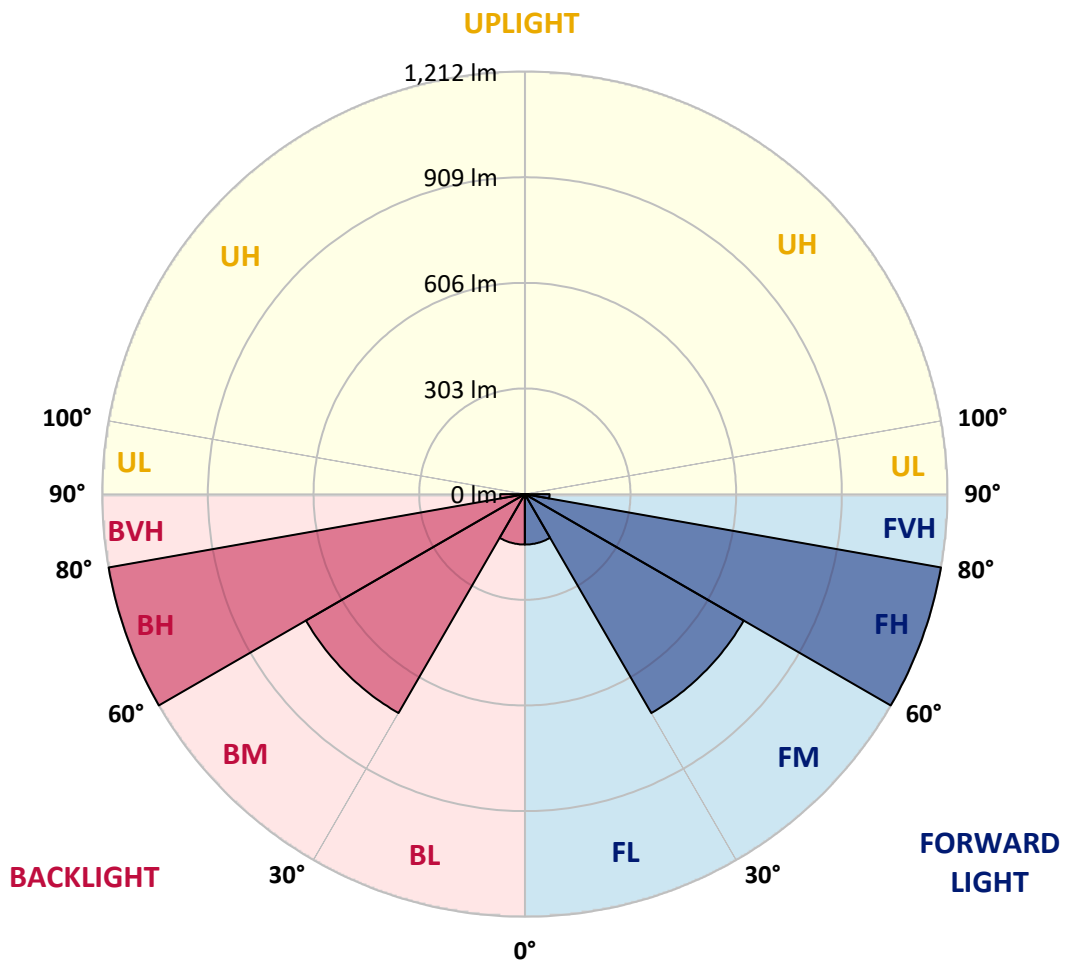
REPORT NUMBER: P672357
 CATALOG NUMBER: CCP-SA-1D-722-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	144.6	3.4			
FM (30°-60°)	725.1	16.8			
FH (60°-80°)	1212.3	28.2			G1/1800
FVH (80°-90°)	70.7	1.6			G1/100
BL (0°-30°)	144.6	3.4	B1/500		
BM (30°-60°)	725.1	16.8	B1/1000		
BH (60°-80°)	1212.3	28.2	B3/2500		G1/1800
BVH (80°-90°)	70.7	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





REPORT NUMBER: P672357

CATALOG NUMBER: CCP-SA-1D-722-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	335.3	335.3	335.3	335.3	335.3	335.3	335.3	335.3	335.3	335.3	335.3
2.5°	333.2	333.2	334.1	334.4	334.1	333.8	333.5	333.2	334.1	333.8	334.1
5°	332.3	332.3	332.6	332.9	332.3	332.0	331.4	331.1	331.7	331.7	332.3
7.5°	329.9	329.6	329.9	330.2	329.3	329.0	328.1	328.1	328.1	327.8	328.4
10°	327.8	327.2	327.2	326.6	325.1	325.4	324.2	325.1	326.6	326.9	327.2
12.5°	328.7	328.1	327.5	326.0	323.9	324.2	323.9	324.8	326.9	328.1	329.0
15°	332.9	332.3	330.8	328.1	326.9	326.9	326.3	326.6	329.6	331.4	332.3
17.5°	337.4	336.2	333.5	331.7	330.5	331.4	329.3	329.0	331.4	334.1	335.0
20°	341.0	340.1	336.8	334.7	334.7	335.6	333.5	332.3	335.0	338.3	339.2
22.5°	347.3	346.7	343.4	341.3	341.3	341.6	340.4	339.5	342.5	345.8	346.7
25°	356.3	356.3	353.0	352.1	351.8	352.4	350.9	350.0	352.7	355.1	356.0
27.5°	366.8	365.9	363.2	362.6	363.8	365.9	363.2	360.8	362.9	365.0	365.3
30°	377.9	377.9	375.5	375.5	376.4	377.3	374.9	372.5	374.6	377.0	377.3
32.5°	393.6	392.7	391.8	392.1	391.8	390.6	389.4	389.1	390.9	392.4	393.0
35°	412.8	412.5	411.3	411.9	411.9	411.9	408.3	407.1	410.1	411.3	410.7
37.5°	442.5	442.2	439.2	437.4	435.3	434.4	429.9	429.6	436.8	440.4	439.8
40°	478.9	477.7	475.0	472.0	469.3	467.5	463.0	466.3	473.8	476.5	476.5
42.5°	518.5	517.0	514.0	512.5	510.7	508.9	502.9	504.4	513.4	516.1	513.1
45°	567.2	565.1	561.8	558.5	555.8	552.2	549.2	550.7	560.3	563.6	561.2
47.5°	618.9	618.3	615.6	612.9	610.5	608.1	604.2	606.9	615.3	614.7	609.9
50°	673.6	674.8	675.1	677.8	676.0	676.3	669.1	667.6	674.2	670.3	664.3
52.5°	732.4	734.3	740.6	746.0	755.9	757.1	748.1	738.5	737.3	727.0	720.7
55°	800.6	800.3	814.2	829.2	851.1	858.0	837.9	819.9	810.0	790.1	783.5
57.5°	877.9	877.0	898.0	924.4	964.1	981.2	944.3	910.0	886.0	862.2	855.3
60°	961.7	963.8	989.3	1032.3	1100.8	1124.5	1068.6	1011.8	975.2	944.3	941.5
62.5°	1059.6	1059.9	1090.0	1148.2	1237.2	1275.3	1198.4	1121.5	1074.9	1041.0	1033.8
65°	1175.3	1177.4	1209.5	1268.4	1370.6	1417.7	1329.1	1235.4	1180.4	1134.4	1133.5
67.5°	1294.0	1292.7	1322.2	1384.7	1483.2	1526.8	1434.0	1329.4	1257.9	1200.5	1193.0
70°	1370.0	1376.6	1408.4	1468.2	1562.5	1604.9	1491.9	1365.8	1290.9	1238.4	1234.8
72.5°	1306.0	1318.3	1359.4	1458.6	1592.3	1642.4	1478.1	1328.2	1233.9	1181.0	1181.0
75°	1060.2	1080.6	1138.0	1290.6	1489.5	1576.4	1368.5	1162.4	1025.1	968.6	968.6
77.5°	645.9	665.5	743.0	929.2	1202.9	1314.1	1115.5	875.5	716.5	647.4	638.4
80°	214.8	227.4	303.4	472.3	738.5	874.6	747.5	497.2	320.9	244.5	243.3
82.5°	57.1	62.2	86.5	137.0	320.6	473.8	341.9	164.0	94.0	73.0	67.3
85°	19.8	21.3	36.7	45.7	81.4	156.8	95.2	59.5	45.7	27.6	25.8
87.5°	5.7	6.3	14.7	15.9	23.4	18.3	25.8	23.7	21.6	9.0	8.1
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)