

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: P672378

Luminaire Tested: **CCP-SA-1C-730-U-5WQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672378
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-730-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5WQ distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

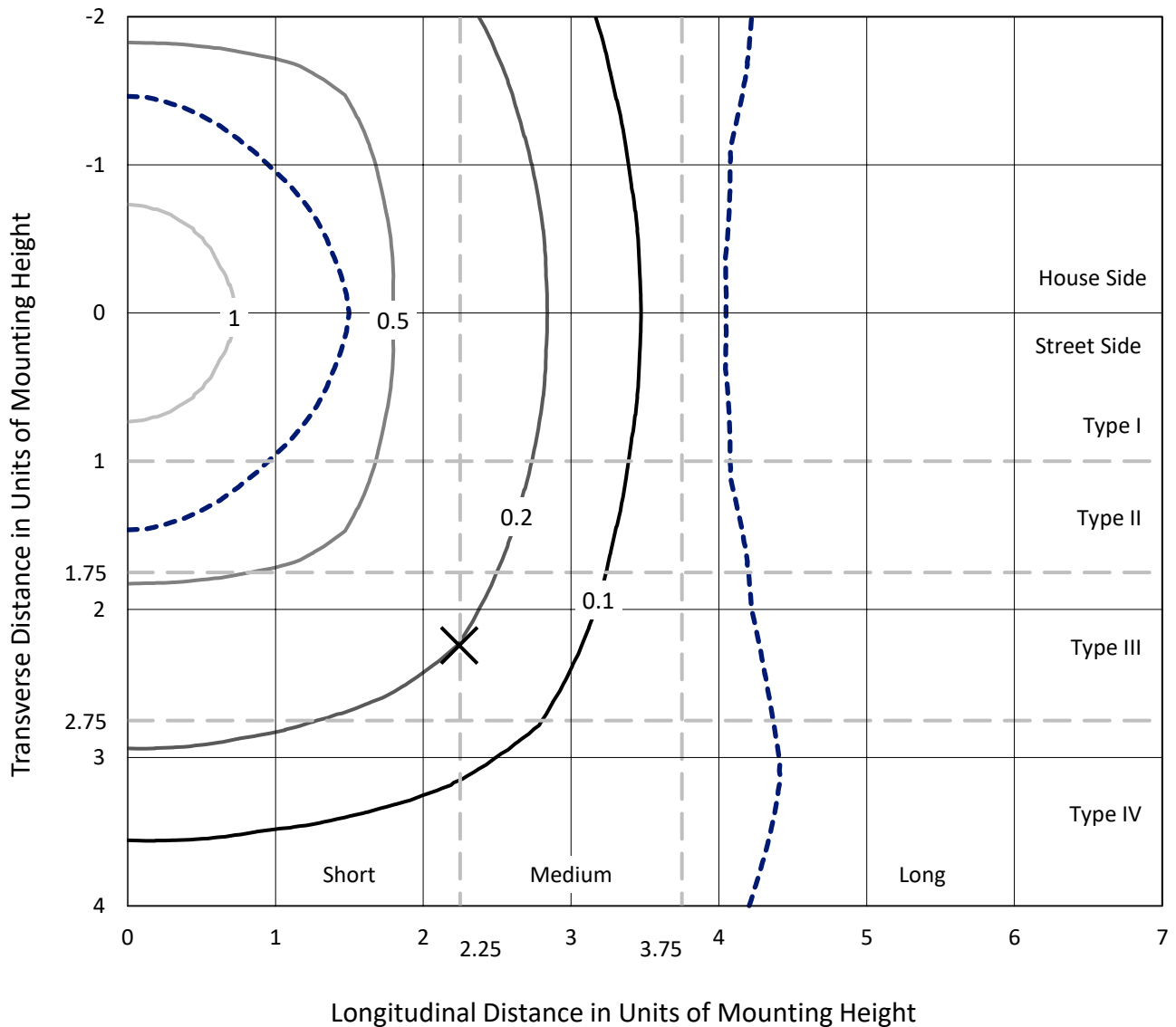
Lumens per Lamp: N/A
Luminaire Lumens: 4315.1 lumens
Efficiency: N/A
Efficacy: 134.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 32
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

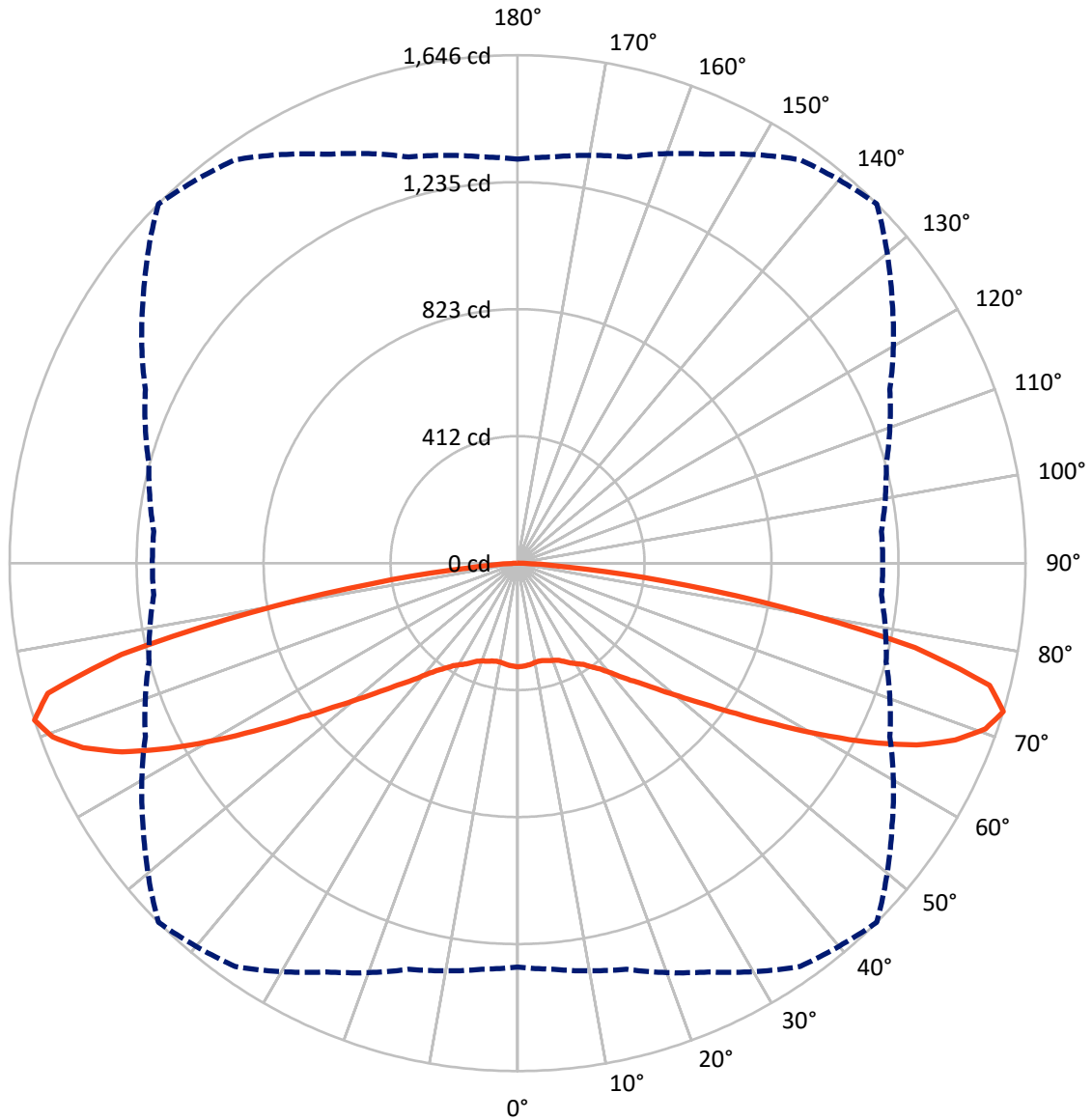
× Max cd
 - - - 1/2 Max cd



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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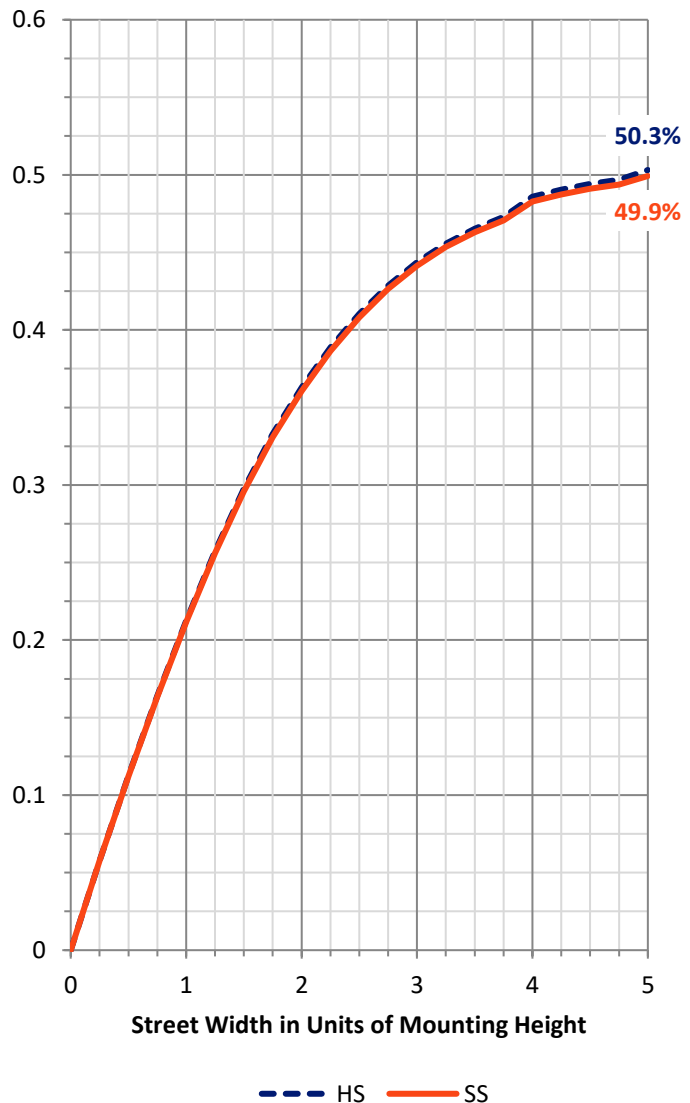
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2157.5	0.0	2157.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2157.5	0.0	2157.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	4315.1	0.0	4315.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.6	0.7
10°-20°	93.7	2.2
20°-30°	164.6	3.8
30°-40°	262.7	6.1
40°-50°	439.2	10.2
50°-60°	751.6	17.4
60°-70°	1240.7	28.8
70°-80°	1189.2	27.6
80°-90°	141.8	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°	4315.1	100.0
0°-180°	4315.1	100.0



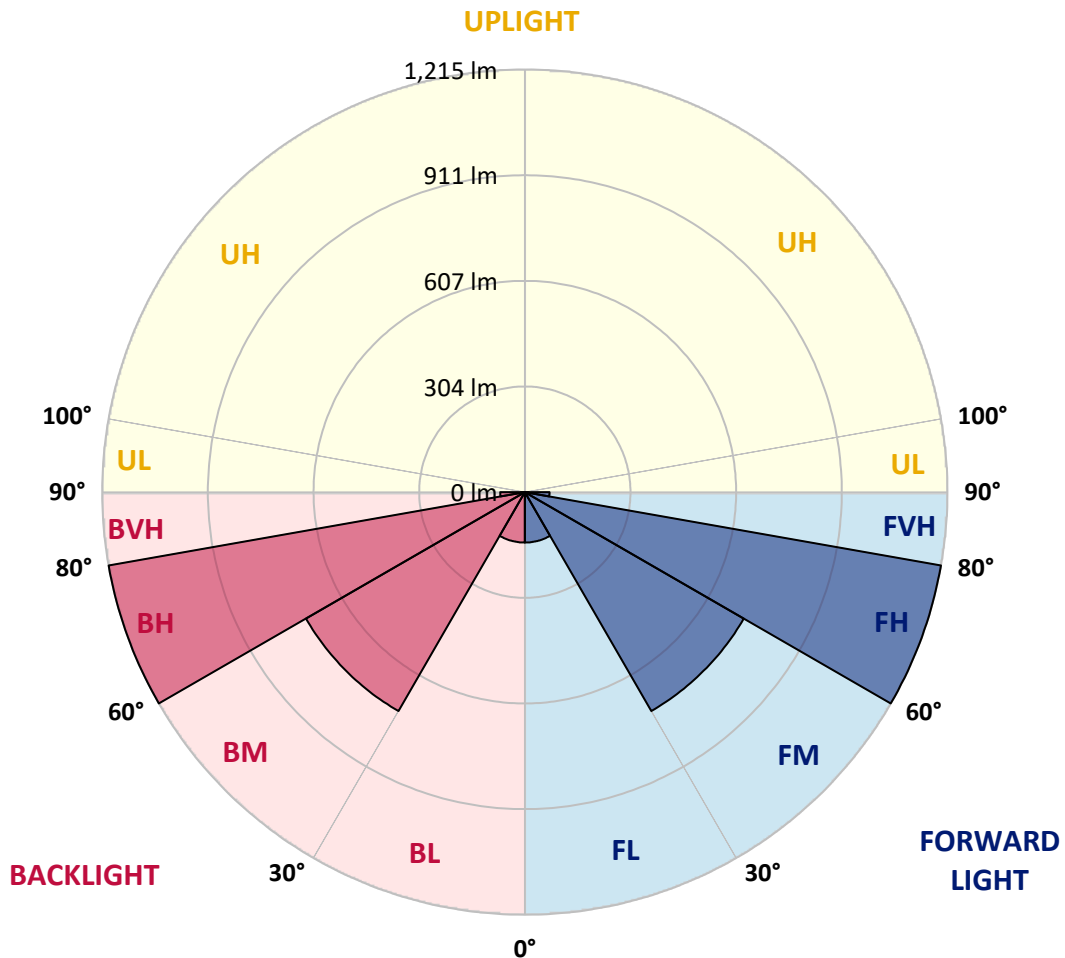
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	145.0	3.4			
FM (30°-60°)	726.7	16.8			
FH (60°-80°)	1215.0	28.2			G1/1800
FVH (80°-90°)	70.9	1.6			G1/100
BL (0°-30°)	145.0	3.4	B1/500		
BM (30°-60°)	726.7	16.8	B1/1000		
BH (60°-80°)	1215.0	28.2	B3/2500		G1/1800
BVH (80°-90°)	70.9	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°	336.0	336.0	336.0	336.0	336.0	336.0	336.0	336.0	336.0	336.0	336.0
2.5°	333.9	333.9	334.8	335.1	334.8	334.5	334.2	333.9	334.8	334.5	334.8
5°	333.0	333.0	333.3	333.6	333.0	332.7	332.1	331.8	332.4	332.4	333.0
7.5°	330.6	330.3	330.6	330.9	330.0	329.7	328.8	328.8	328.8	328.5	329.1
10°	328.5	327.9	327.9	327.3	325.8	326.1	324.9	325.8	327.3	327.6	327.9
12.5°	329.4	328.8	328.2	326.7	324.6	324.9	324.6	325.5	327.6	328.8	329.7
15°	333.6	333.0	331.5	328.8	327.6	327.6	327.0	327.3	330.3	332.1	333.0
17.5°	338.1	336.9	334.2	332.4	331.2	332.1	330.0	329.7	332.1	334.8	335.7
20°	341.7	340.8	337.5	335.4	335.4	336.3	334.2	333.0	335.7	339.0	339.9
22.5°	348.1	347.5	344.2	342.0	342.0	342.3	341.1	340.2	343.3	346.6	347.5
25°	357.1	357.1	353.8	352.9	352.6	353.2	351.7	350.8	353.5	355.9	356.8
27.5°	367.6	366.7	364.0	363.4	364.6	366.7	364.0	361.6	363.7	365.8	366.1
30°	378.8	378.8	376.4	376.4	377.3	378.2	375.8	373.4	375.5	377.9	378.2
32.5°	394.4	393.5	392.6	392.9	392.6	391.4	390.2	389.9	391.7	393.2	393.8
35°	413.7	413.4	412.2	412.8	412.8	412.8	409.2	408.0	411.0	412.2	411.6
37.5°	443.5	443.2	440.2	438.4	436.3	435.4	430.9	430.6	437.8	441.4	440.8
40°	479.9	478.7	476.0	473.0	470.3	468.5	464.0	467.3	474.8	477.5	477.5
42.5°	519.7	518.2	515.2	513.7	511.9	510.1	504.0	505.5	514.6	517.3	514.3
45°	568.5	566.4	563.1	559.7	557.0	553.4	550.4	551.9	561.5	564.9	562.4
47.5°	620.3	619.7	616.9	614.2	611.8	609.4	605.5	608.2	616.6	616.0	611.2
50°	675.1	676.3	676.6	679.3	677.5	677.8	670.5	669.0	675.7	671.7	665.7
52.5°	734.1	735.9	742.2	747.6	757.6	758.8	749.7	740.1	738.9	728.7	722.3
55°	802.4	802.1	816.0	831.0	853.0	859.9	839.8	821.7	811.8	791.9	785.3
57.5°	879.8	878.9	900.0	926.5	966.2	983.4	946.3	912.0	887.9	864.1	857.2
60°	963.8	965.9	991.5	1034.6	1103.2	1127.0	1071.0	1014.1	977.4	946.3	943.6
62.5°	1062.0	1062.3	1092.4	1150.8	1239.9	1278.2	1201.1	1124.0	1077.3	1043.3	1036.1
65°	1177.9	1180.0	1212.2	1271.2	1373.6	1420.9	1332.1	1238.1	1183.0	1136.9	1136.0
67.5°	1296.8	1295.6	1325.1	1387.8	1486.5	1530.2	1437.1	1332.4	1260.7	1203.2	1195.7
70°	1373.0	1379.6	1411.5	1471.5	1566.0	1608.5	1495.2	1368.8	1293.8	1241.1	1237.5
72.5°	1308.9	1321.2	1362.5	1461.8	1595.8	1646.1	1481.4	1331.1	1236.6	1183.6	1183.6
75°	1062.6	1083.0	1140.6	1293.5	1492.8	1579.9	1371.5	1164.9	1027.3	970.7	970.7
77.5°	647.4	666.9	744.6	931.3	1205.6	1317.0	1118.0	877.4	718.1	648.9	639.8
80°	215.3	227.9	304.1	473.3	740.1	876.5	749.1	498.3	321.6	245.1	243.9
82.5°	57.2	62.3	86.7	137.3	321.3	474.8	342.6	164.4	94.2	73.2	67.4
85°	19.9	21.4	36.7	45.8	81.6	157.2	95.4	59.6	45.8	27.7	25.9
87.5°	5.7	6.3	14.8	16.0	23.5	18.4	25.9	23.8	21.7	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)