

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: P672400

Luminaire Tested: **CCP-SA-1C-740-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672400
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-740-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5WQ
distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4738.7 lumens
Efficiency: N/A
Efficacy: 148.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

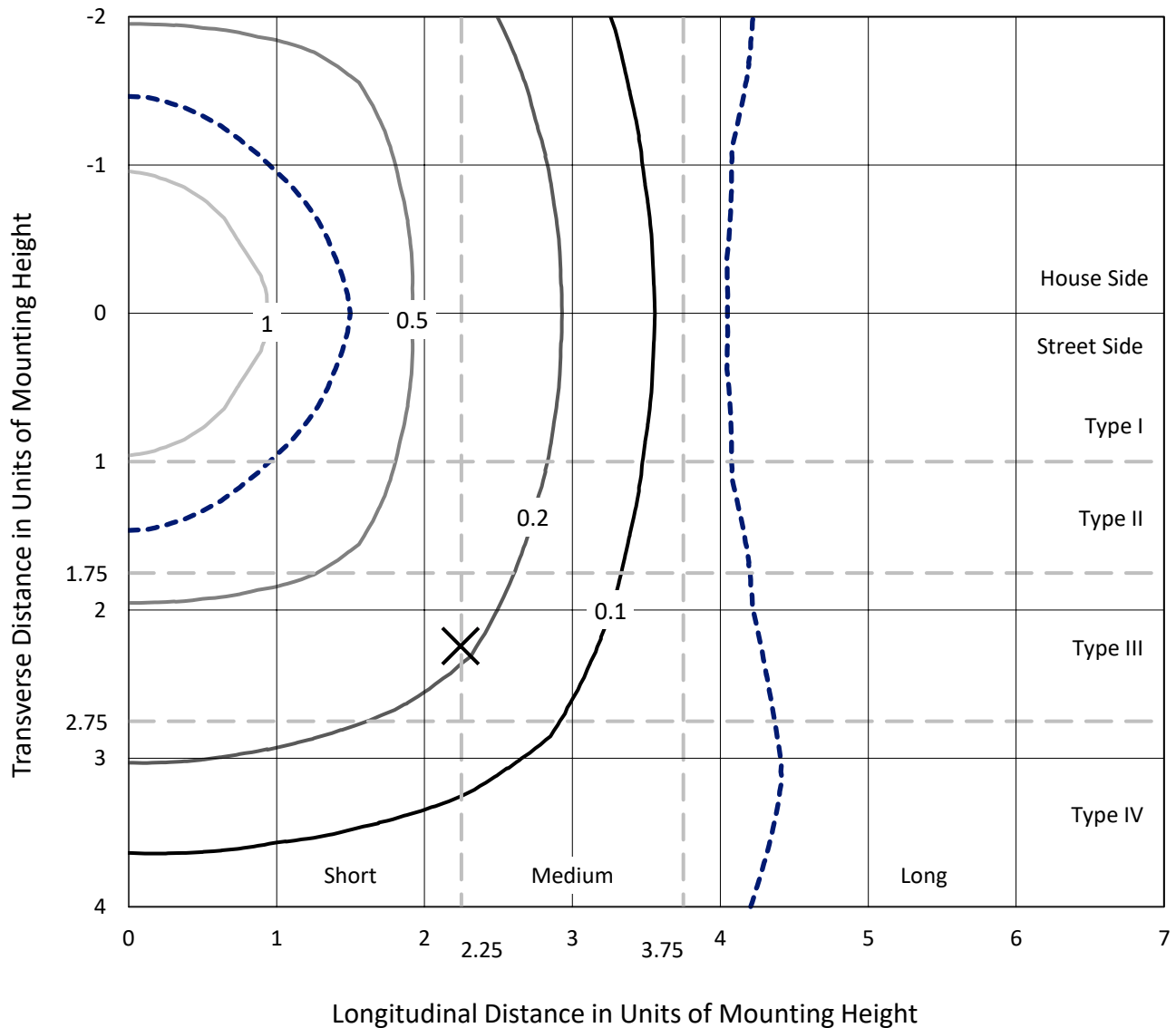
Input Watts (W): 32
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

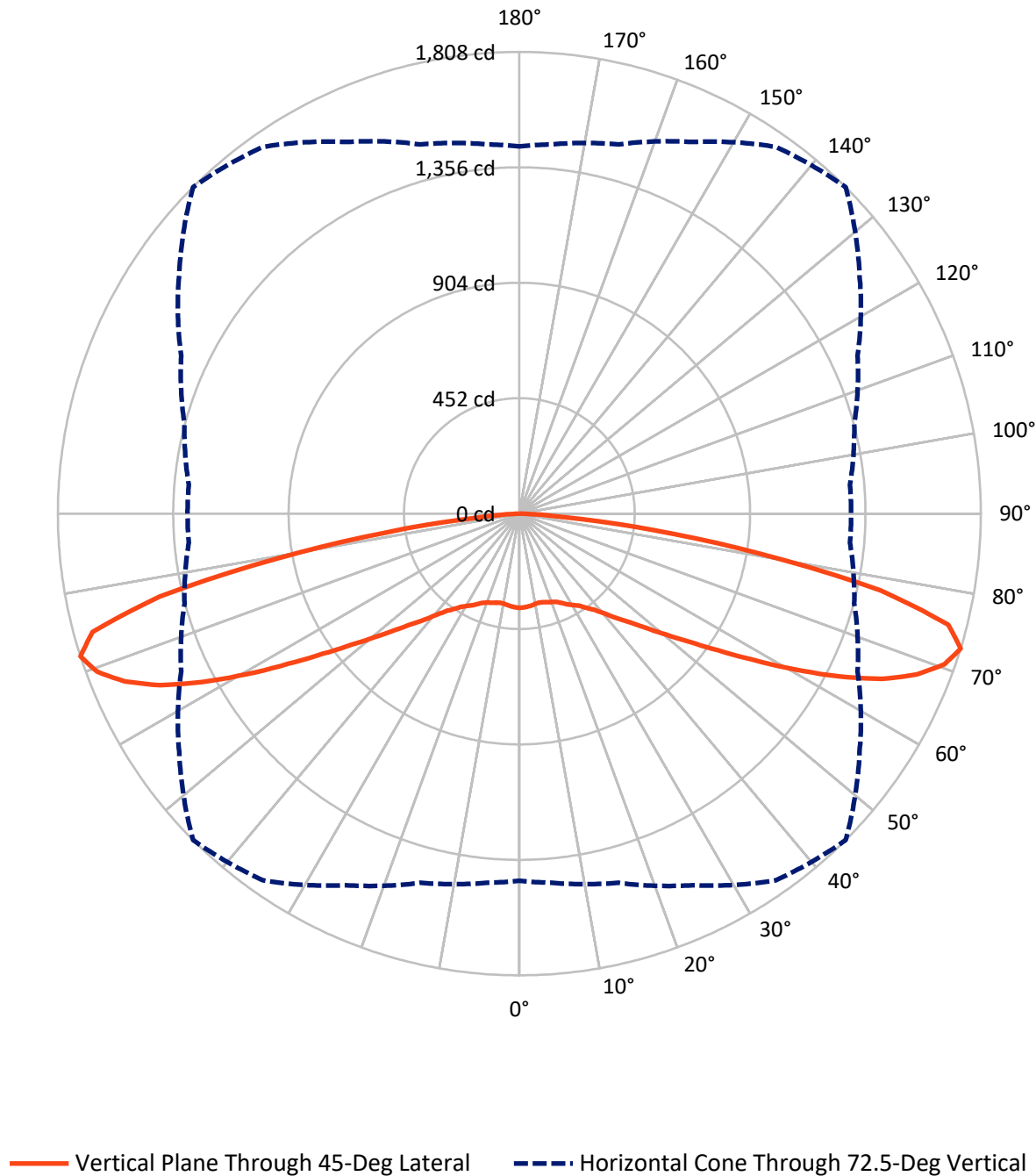
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.6 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2369.4	0.0	2369.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2369.4	0.0	2369.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	4738.7	0.0	4738.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.7	0.7
10°-20°	102.9	2.2
20°-30°	180.8	3.8
30°-40°	288.4	6.1
40°-50°	482.3	10.2
50°-60°	825.4	17.4
60°-70°	1362.6	28.8
70°-80°	1305.9	27.6
80°-90°	155.7	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°	4738.7	100.0
0°-180°	4738.7	100.0

Coefficient of Utilization



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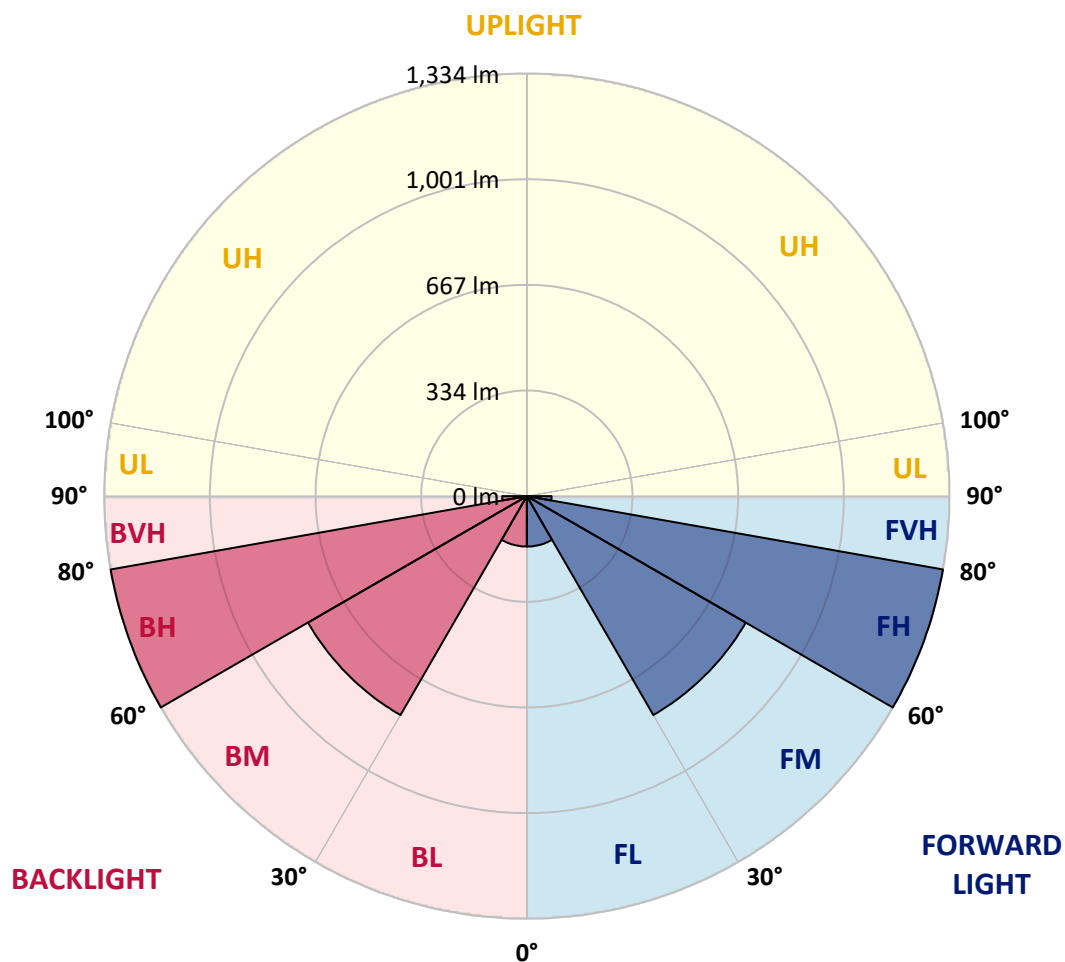
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	159.2	3.4			
FM	(30°-60°)	798.1	16.8			
FH	(60°-80°)	1334.2	28.2			G1/1800
FVH	(80°-90°)	77.9	1.6			G1/100
BL	(0°-30°)	159.2	3.4	B1/500		
BM	(30°-60°)	798.1	16.8	B1/1000		
BH	(60°-80°)	1334.2	28.2	B3/2500		G1/1800
BVH	(80°-90°)	77.9	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°	369.0	369.0	369.0	369.0	369.0	369.0	369.0	369.0	369.0	369.0	369.0
2.5°	366.7	366.7	367.7	368.0	367.7	367.4	367.0	366.7	367.7	367.4	367.7
5°	365.7	365.7	366.0	366.4	365.7	365.4	364.7	364.4	365.0	365.0	365.7
7.5°	363.1	362.7	363.1	363.4	362.4	362.1	361.1	361.1	361.1	360.7	361.4
10°	360.7	360.1	360.1	359.4	357.8	358.1	356.8	357.8	359.4	359.8	360.1
12.5°	361.7	361.1	360.4	358.8	356.4	356.8	356.4	357.4	359.8	361.1	362.1
15°	366.4	365.7	364.1	361.1	359.8	359.8	359.1	359.4	362.7	364.7	365.7
17.5°	371.3	370.0	367.0	365.0	363.7	364.7	362.4	362.1	364.7	367.7	368.7
20°	375.3	374.3	370.7	368.4	368.4	369.3	367.0	365.7	368.7	372.3	373.3
22.5°	382.2	381.6	377.9	375.6	375.6	376.0	374.6	373.6	376.9	380.6	381.6
25°	392.2	392.2	388.5	387.5	387.2	387.9	386.2	385.2	388.2	390.8	391.8
27.5°	403.7	402.7	399.8	399.1	400.4	402.7	399.8	397.1	399.4	401.7	402.1
30°	416.0	416.0	413.3	413.3	414.3	415.3	412.7	410.0	412.3	415.0	415.3
32.5°	433.2	432.2	431.2	431.5	431.2	429.9	428.5	428.2	430.2	431.8	432.5
35°	454.3	454.0	452.7	453.3	453.3	453.3	449.4	448.0	451.3	452.7	452.0
37.5°	487.1	486.7	483.4	481.4	479.1	478.1	473.2	472.8	480.8	484.7	484.1
40°	527.1	525.7	522.8	519.5	516.5	514.5	509.5	513.2	521.4	524.4	524.4
42.5°	570.7	569.1	565.8	564.1	562.1	560.1	553.5	555.2	565.1	568.1	564.8
45°	624.3	622.0	618.3	614.7	611.7	607.7	604.4	606.1	616.7	620.3	617.7
47.5°	681.2	680.5	677.5	674.5	671.9	669.3	665.0	667.9	677.2	676.5	671.2
50°	741.3	742.7	743.0	746.0	744.0	744.3	736.4	734.7	742.0	737.7	731.1
52.5°	806.1	808.1	815.1	821.0	831.9	833.3	823.3	812.8	811.4	800.2	793.2
55°	881.2	880.9	896.1	912.6	936.8	944.4	922.2	902.4	891.5	869.6	862.4
57.5°	966.2	965.2	988.3	1017.4	1061.1	1079.9	1039.3	1001.6	975.1	949.0	941.4
60°	1058.4	1060.8	1088.9	1136.1	1211.5	1237.7	1176.1	1113.7	1073.3	1039.3	1036.3
62.5°	1166.2	1166.6	1199.6	1263.8	1361.6	1403.6	1319.0	1234.3	1183.1	1145.7	1137.8
65°	1293.5	1295.8	1331.2	1396.0	1508.5	1560.4	1462.8	1359.7	1299.2	1248.6	1247.6
67.5°	1424.1	1422.8	1455.2	1524.0	1632.5	1680.4	1578.2	1463.2	1384.5	1321.3	1313.0
70°	1507.8	1515.1	1550.1	1615.9	1719.8	1766.4	1642.0	1503.2	1420.8	1363.0	1359.0
72.5°	1437.4	1450.9	1496.2	1605.3	1752.5	1807.7	1626.8	1461.8	1358.0	1299.8	1299.8
75°	1166.9	1189.4	1252.5	1420.5	1639.4	1735.0	1506.1	1279.3	1128.2	1066.0	1066.0
77.5°	710.9	732.4	817.7	1022.7	1324.0	1446.3	1227.7	963.5	788.6	712.6	702.6
80°	236.4	250.3	334.0	519.8	812.8	962.5	822.7	547.2	353.1	269.2	267.8
82.5°	62.8	68.4	95.2	150.8	352.8	521.4	376.3	180.5	103.5	80.3	74.1
85°	21.8	23.5	40.3	50.3	89.6	172.6	104.8	65.5	50.3	30.4	28.4
87.5°	6.3	6.9	16.2	17.5	25.8	20.2	28.4	26.1	23.8	9.9	8.9
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)