

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: P672411

Luminaire Tested: **CCP-SA-1C-750-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672411
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-750-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5WQ
distribution lens
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4847.3 lumens
Efficiency: N/A
Efficacy: 151.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

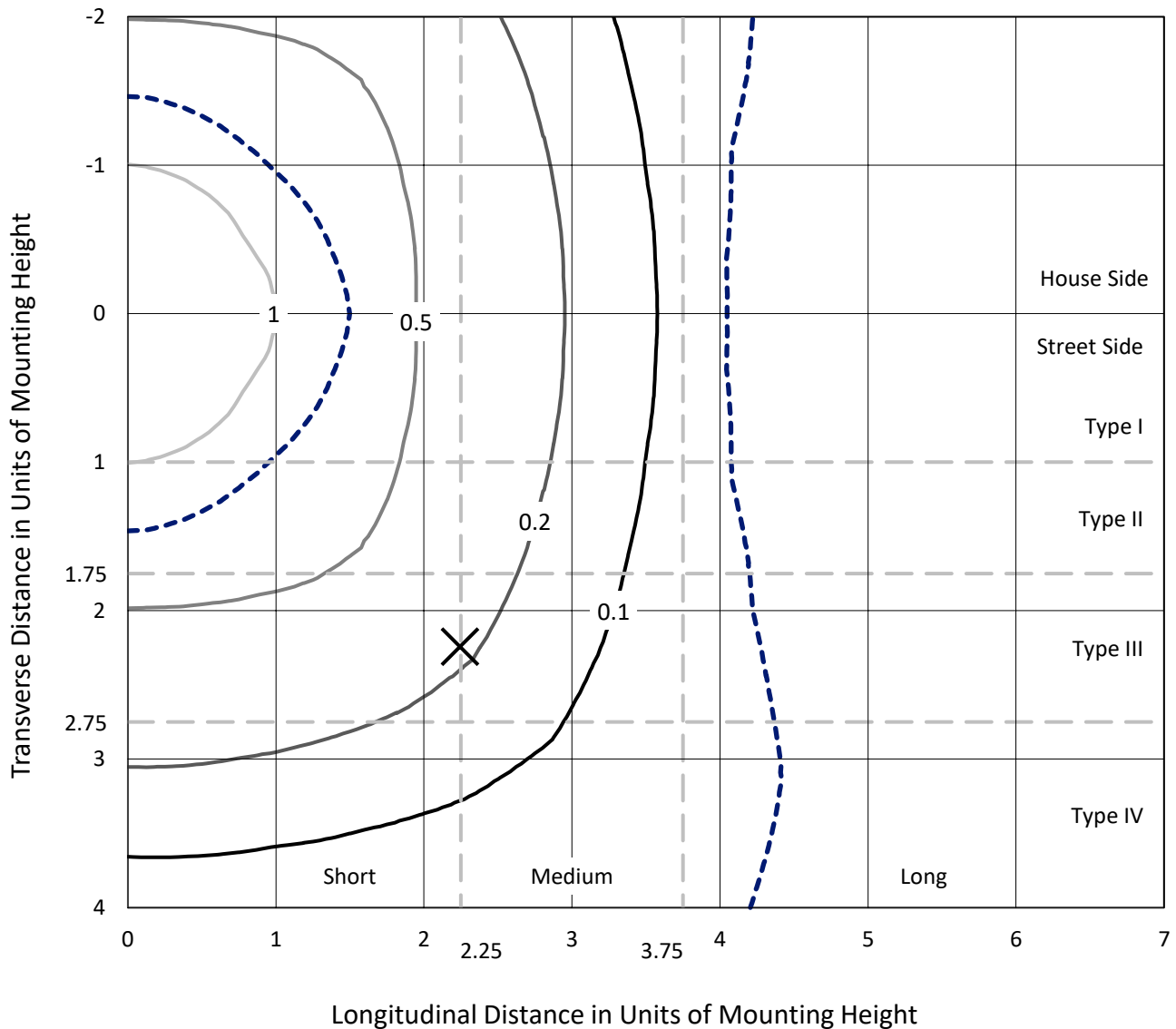
Input Watts (W): 32
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

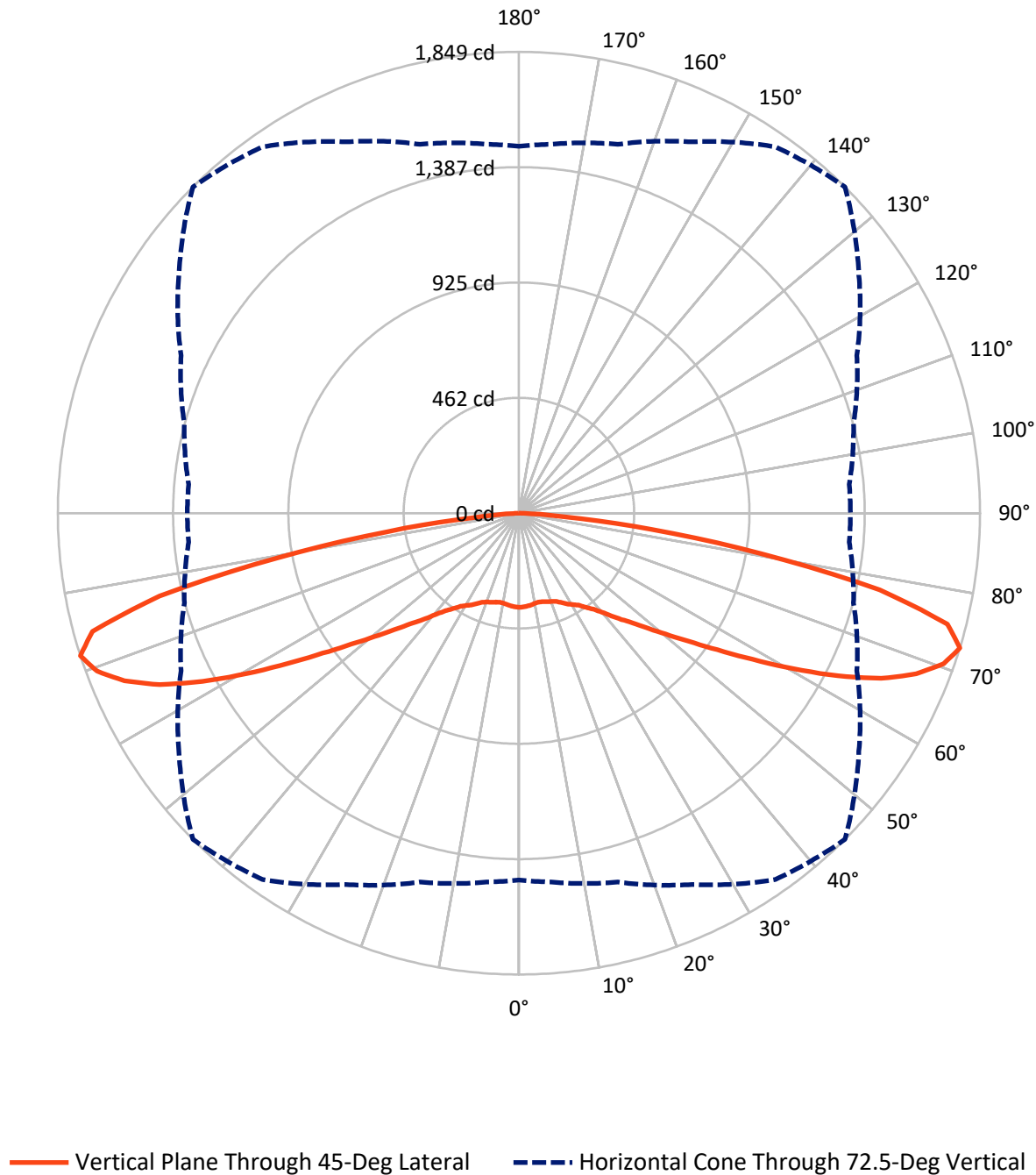


Based on 15 foot mounting height. Maximum calculated value = 1.7 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2423.6	0.0	2423.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2423.6	0.0	2423.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	4847.3	0.0	4847.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.4	0.7
10°-20°	105.3	2.2
20°-30°	184.9	3.8
30°-40°	295.1	6.1
40°-50°	493.4	10.2
50°-60°	844.3	17.4
60°-70°	1393.8	28.8
70°-80°	1335.8	27.6
80°-90°	159.3	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°	4847.3	100.0
0°-180°	4847.3	100.0

Coefficient of Utilization



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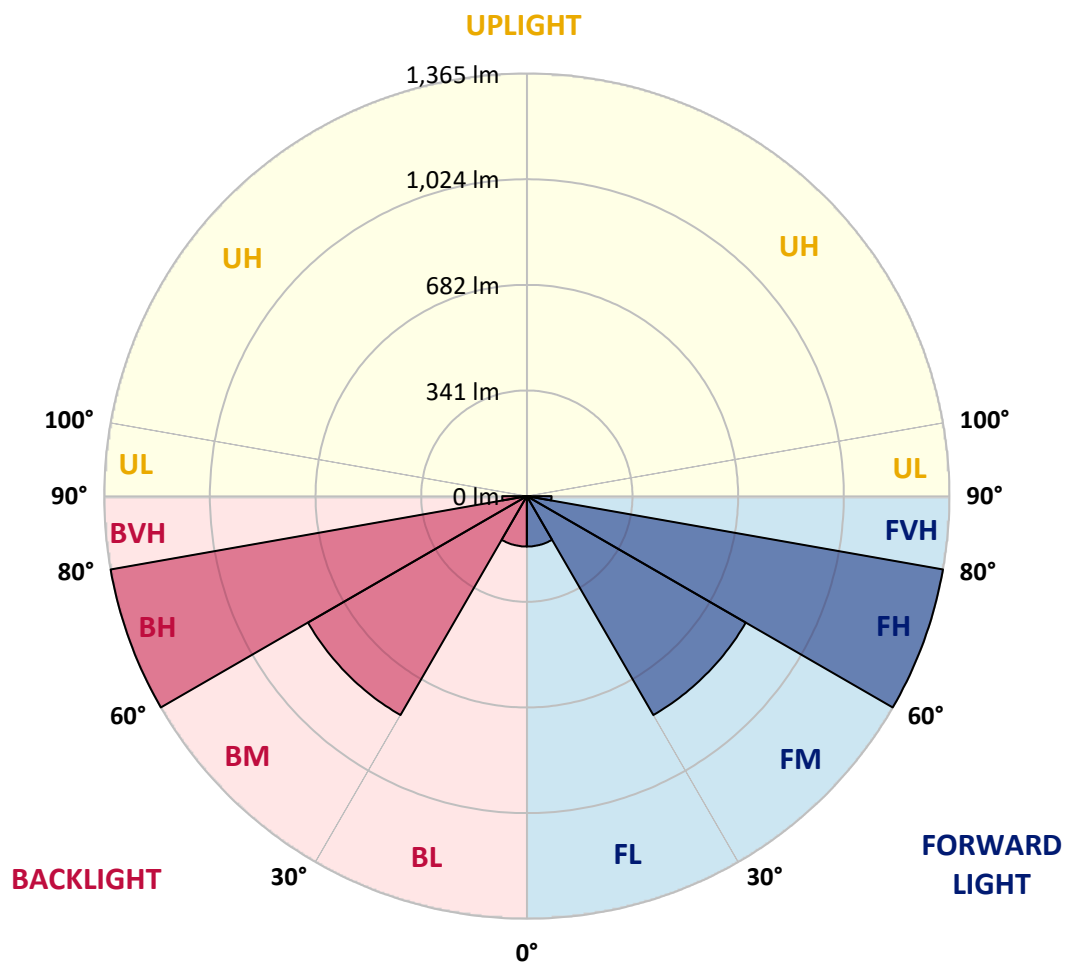
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	162.8	3.4			
FM	(30°-60°)	816.3	16.8			
FH	(60°-80°)	1364.8	28.2			G1/1800
FVH	(80°-90°)	79.7	1.6			G1/100
BL	(0°-30°)	162.8	3.4	B1/500		
BM	(30°-60°)	816.3	16.8	B1/1000		
BH	(60°-80°)	1364.8	28.2	B3/2500		G1/1800
BVH	(80°-90°)	79.7	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	377.5	377.5	377.5	377.5	377.5	377.5	377.5	377.5	377.5	377.5	377.5
2.5°	375.1	375.1	376.1	376.4	376.1	375.8	375.4	375.1	376.1	375.8	376.1
5°	374.1	374.1	374.4	374.8	374.1	373.7	373.1	372.7	373.4	373.4	374.1
7.5°	371.4	371.0	371.4	371.7	370.7	370.4	369.3	369.3	369.3	369.0	369.7
10°	369.0	368.3	368.3	367.7	366.0	366.3	365.0	366.0	367.7	368.0	368.3
12.5°	370.0	369.3	368.7	367.0	364.6	365.0	364.6	365.6	368.0	369.3	370.4
15°	374.8	374.1	372.4	369.3	368.0	368.0	367.3	367.7	371.0	373.1	374.1
17.5°	379.8	378.5	375.4	373.4	372.1	373.1	370.7	370.4	373.1	376.1	377.1
20°	383.9	382.9	379.2	376.8	376.8	377.8	375.4	374.1	377.1	380.8	381.9
22.5°	391.0	390.3	386.6	384.2	384.2	384.6	383.2	382.2	385.6	389.3	390.3
25°	401.1	401.1	397.4	396.4	396.1	396.7	395.1	394.0	397.1	399.8	400.8
27.5°	413.0	412.0	408.9	408.2	409.6	412.0	408.9	406.2	408.6	410.9	411.3
30°	425.5	425.5	422.8	422.8	423.8	424.8	422.1	419.4	421.8	424.5	424.8
32.5°	443.1	442.1	441.1	441.4	441.1	439.7	438.3	438.0	440.0	441.7	442.4
35°	464.7	464.4	463.0	463.7	463.7	463.7	459.7	458.3	461.7	463.0	462.4
37.5°	498.2	497.9	494.5	492.5	490.1	489.1	484.0	483.7	491.8	495.8	495.2
40°	539.1	537.8	534.7	531.4	528.3	526.3	521.2	524.9	533.4	536.4	536.4
42.5°	583.8	582.1	578.7	577.0	575.0	573.0	566.2	567.9	578.0	581.1	577.7
45°	638.6	636.2	632.5	628.8	625.7	621.7	618.3	620.0	630.8	634.5	631.8
47.5°	696.8	696.1	693.0	690.0	687.3	684.6	680.2	683.2	692.7	692.0	686.6
50°	758.3	759.7	760.0	763.0	761.0	761.4	753.2	751.5	759.0	754.6	747.8
52.5°	824.6	826.6	833.7	839.8	851.0	852.3	842.2	831.4	830.0	818.5	811.4
55°	901.4	901.0	916.6	933.5	958.2	966.0	943.3	923.0	911.9	889.5	882.1
57.5°	988.3	987.3	1011.0	1040.7	1085.4	1104.7	1063.1	1024.5	997.4	970.7	962.9
60°	1082.7	1085.0	1113.8	1162.2	1239.3	1266.0	1203.1	1139.2	1097.9	1063.1	1060.0
62.5°	1192.9	1193.3	1227.1	1292.7	1392.8	1435.8	1349.2	1262.6	1210.2	1172.0	1163.8
65°	1323.2	1325.5	1361.7	1428.0	1543.0	1596.1	1496.3	1390.8	1328.9	1277.2	1276.1
67.5°	1456.8	1455.4	1488.5	1558.9	1669.8	1718.9	1614.4	1496.7	1416.2	1351.6	1343.1
70°	1542.3	1549.8	1585.6	1652.9	1759.1	1806.8	1679.6	1537.6	1453.4	1394.2	1390.1
72.5°	1470.3	1484.2	1530.5	1642.1	1792.6	1849.1	1664.1	1495.3	1389.1	1329.6	1329.6
75°	1193.6	1216.6	1281.2	1453.0	1676.9	1774.7	1540.6	1308.6	1154.0	1090.5	1090.5
77.5°	727.2	749.2	836.4	1046.1	1354.3	1479.4	1255.8	985.6	806.7	728.9	718.7
80°	241.8	256.0	341.6	531.7	831.4	984.6	841.5	559.8	361.2	275.3	274.0
82.5°	64.3	70.0	97.4	154.2	360.9	533.4	384.9	184.7	105.9	82.2	75.8
85°	22.3	24.0	41.3	51.4	91.7	176.6	107.2	67.0	51.4	31.1	29.1
87.5°	6.4	7.1	16.6	17.9	26.4	20.6	29.1	26.7	24.4	10.1	9.1
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)