

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: P672444

Luminaire Tested: **CCP-SA-1C-830-U-5WQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672444
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-830-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5WQ
distribution lens
Light Source: (16) 3000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3765.4 lumens
Efficiency: N/A
Efficacy: 117.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

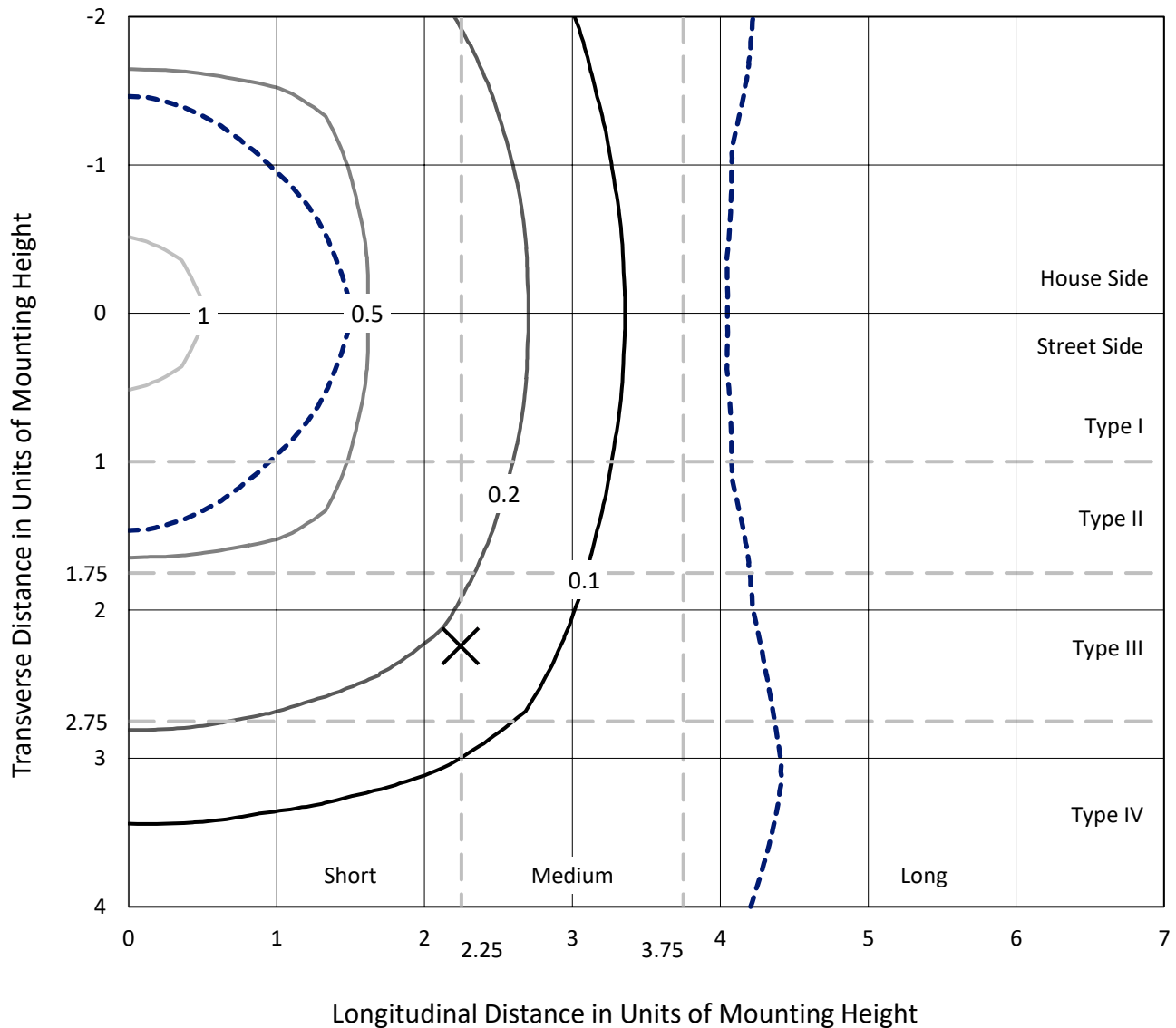
Input Watts (W): 32
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

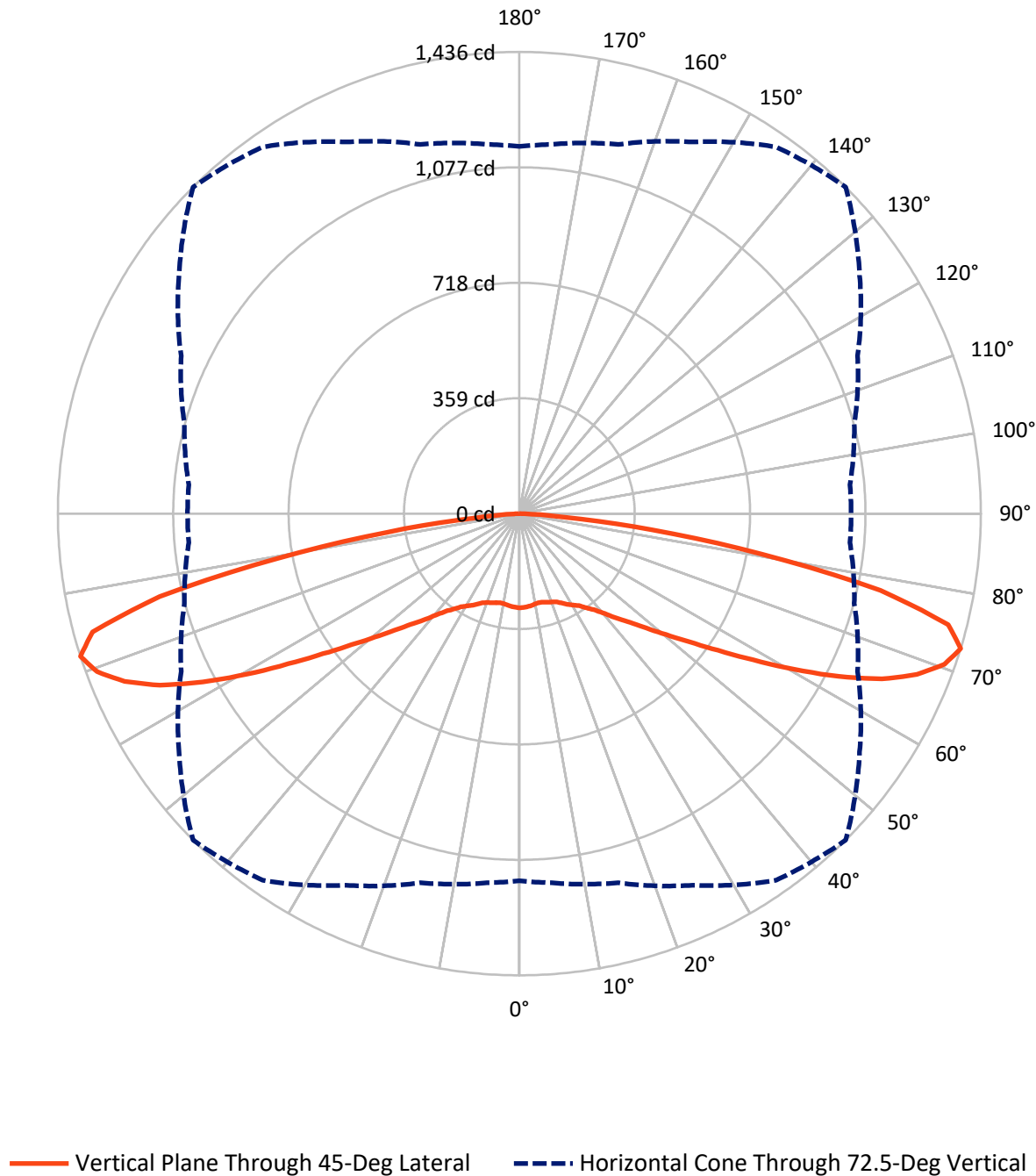


Based on 15 foot mounting height. Maximum calculated value = 1.3 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1882.7	0.0	1882.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1882.7	0.0	1882.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	3765.4	0.0	3765.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.5	0.7
10°-20°	81.8	2.2
20°-30°	143.7	3.8
30°-40°	229.2	6.1
40°-50°	383.3	10.2
50°-60°	655.8	17.4
60°-70°	1082.7	28.8
70°-80°	1037.7	27.6
80°-90°	123.8	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°	3765.4	100.0
0°-180°	3765.4	100.0

Coefficient of Utilization



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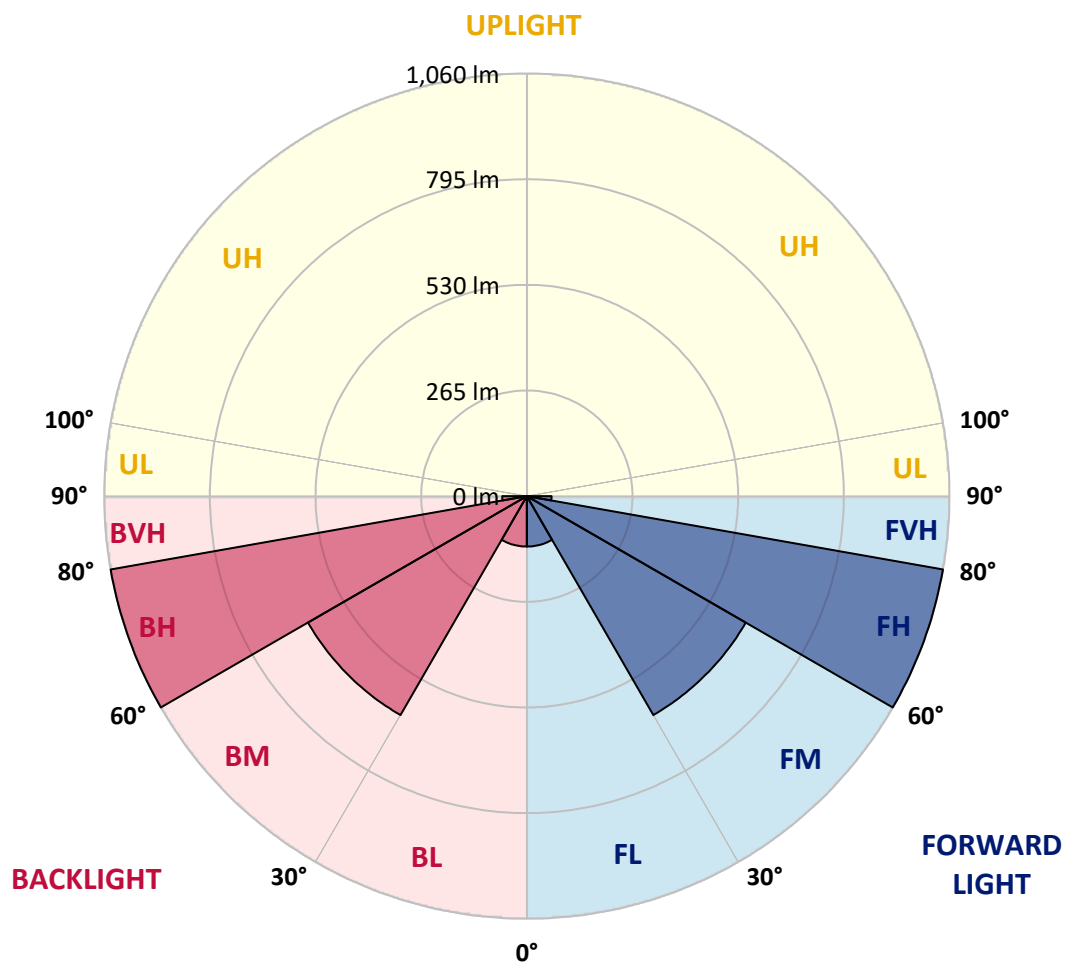
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	126.5	3.4			
FM	(30°-60°)	634.1	16.8			
FH	(60°-80°)	1060.2	28.2			G1/1800
FVH	(80°-90°)	61.9	1.6			G1/100
BL	(0°-30°)	126.5	3.4	B1/500		
BM	(30°-60°)	634.1	16.8	B1/1000		
BH	(60°-80°)	1060.2	28.2	B3/2500		G1/1800
BVH	(80°-90°)	61.9	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°	293.2	293.2	293.2	293.2	293.2	293.2	293.2	293.2	293.2	293.2	293.2
2.5°	291.4	291.4	292.2	292.4	292.2	291.9	291.6	291.4	292.2	291.9	292.2
5°	290.6	290.6	290.9	291.1	290.6	290.3	289.8	289.5	290.1	290.1	290.6
7.5°	288.5	288.2	288.5	288.8	288.0	287.7	286.9	286.9	286.9	286.7	287.2
10°	286.7	286.1	286.1	285.6	284.3	284.5	283.5	284.3	285.6	285.9	286.1
12.5°	287.4	286.9	286.4	285.1	283.2	283.5	283.2	284.0	285.9	286.9	287.7
15°	291.1	290.6	289.3	286.9	285.9	285.9	285.3	285.6	288.2	289.8	290.6
17.5°	295.1	294.0	291.6	290.1	289.0	289.8	288.0	287.7	289.8	292.2	293.0
20°	298.2	297.4	294.5	292.7	292.7	293.5	291.6	290.6	293.0	295.8	296.6
22.5°	303.7	303.2	300.3	298.5	298.5	298.7	297.7	296.9	299.5	302.4	303.2
25°	311.6	311.6	308.7	307.9	307.7	308.2	306.9	306.1	308.5	310.6	311.3
27.5°	320.8	320.0	317.7	317.1	318.2	320.0	317.7	315.6	317.4	319.2	319.5
30°	330.5	330.5	328.4	328.4	329.2	330.0	327.9	325.8	327.6	329.7	330.0
32.5°	344.2	343.4	342.6	342.9	342.6	341.6	340.5	340.2	341.8	343.1	343.7
35°	361.0	360.7	359.7	360.2	360.2	360.2	357.1	356.0	358.6	359.7	359.2
37.5°	387.0	386.8	384.1	382.6	380.7	379.9	376.0	375.7	382.0	385.2	384.7
40°	418.8	417.8	415.4	412.8	410.4	408.8	404.9	407.8	414.3	416.7	416.7
42.5°	453.5	452.2	449.5	448.2	446.7	445.1	439.8	441.1	449.0	451.4	448.8
45°	496.1	494.2	491.3	488.4	486.1	482.9	480.3	481.6	490.0	492.9	490.8
47.5°	541.2	540.7	538.4	536.0	533.9	531.8	528.4	530.7	538.1	537.6	533.4
50°	589.1	590.1	590.4	592.7	591.2	591.4	585.1	583.8	589.6	586.2	580.9
52.5°	640.6	642.1	647.7	652.4	661.1	662.1	654.2	645.8	644.8	635.8	630.3
55°	700.2	699.9	712.0	725.2	744.3	750.4	732.8	717.0	708.3	691.0	685.2
57.5°	767.7	766.9	785.3	808.5	843.1	858.1	825.8	795.8	774.8	754.1	748.0
60°	841.0	842.9	865.2	902.8	962.7	983.4	934.6	884.9	852.9	825.8	823.4
62.5°	926.7	926.9	953.2	1004.2	1082.0	1115.3	1048.1	980.8	940.1	910.4	904.1
65°	1027.8	1029.7	1057.8	1109.3	1198.6	1239.9	1162.4	1080.4	1032.3	992.1	991.3
67.5°	1131.6	1130.6	1156.3	1211.0	1297.2	1335.2	1254.1	1162.6	1100.1	1049.9	1043.3
70°	1198.1	1203.9	1231.7	1284.0	1366.5	1403.6	1304.8	1194.4	1129.0	1083.0	1079.9
72.5°	1142.1	1152.9	1188.9	1275.6	1392.5	1436.4	1292.7	1161.6	1079.1	1032.8	1032.8
75°	927.2	945.1	995.3	1128.7	1302.7	1378.6	1196.8	1016.5	896.5	847.1	847.1
77.5°	564.9	582.0	649.8	812.7	1052.0	1149.2	975.6	765.6	626.6	566.2	558.3
80°	187.9	198.9	265.4	413.0	645.8	764.8	653.7	434.8	280.6	213.9	212.8
82.5°	49.9	54.4	75.7	119.8	280.3	414.3	299.0	143.5	82.2	63.8	58.9
85°	17.3	18.7	32.1	39.9	71.2	137.2	83.3	52.0	39.9	24.2	22.6
87.5°	5.0	5.5	12.9	13.9	20.5	16.0	22.6	20.8	18.9	7.9	7.1
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)