

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: P672754

Luminaire Tested: **CCP-SA-1C-840-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672754
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-840-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5NQ
distribution lens
Light Source: (16) 4000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4011.4 lumens
Efficiency: N/A
Efficacy: 125.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

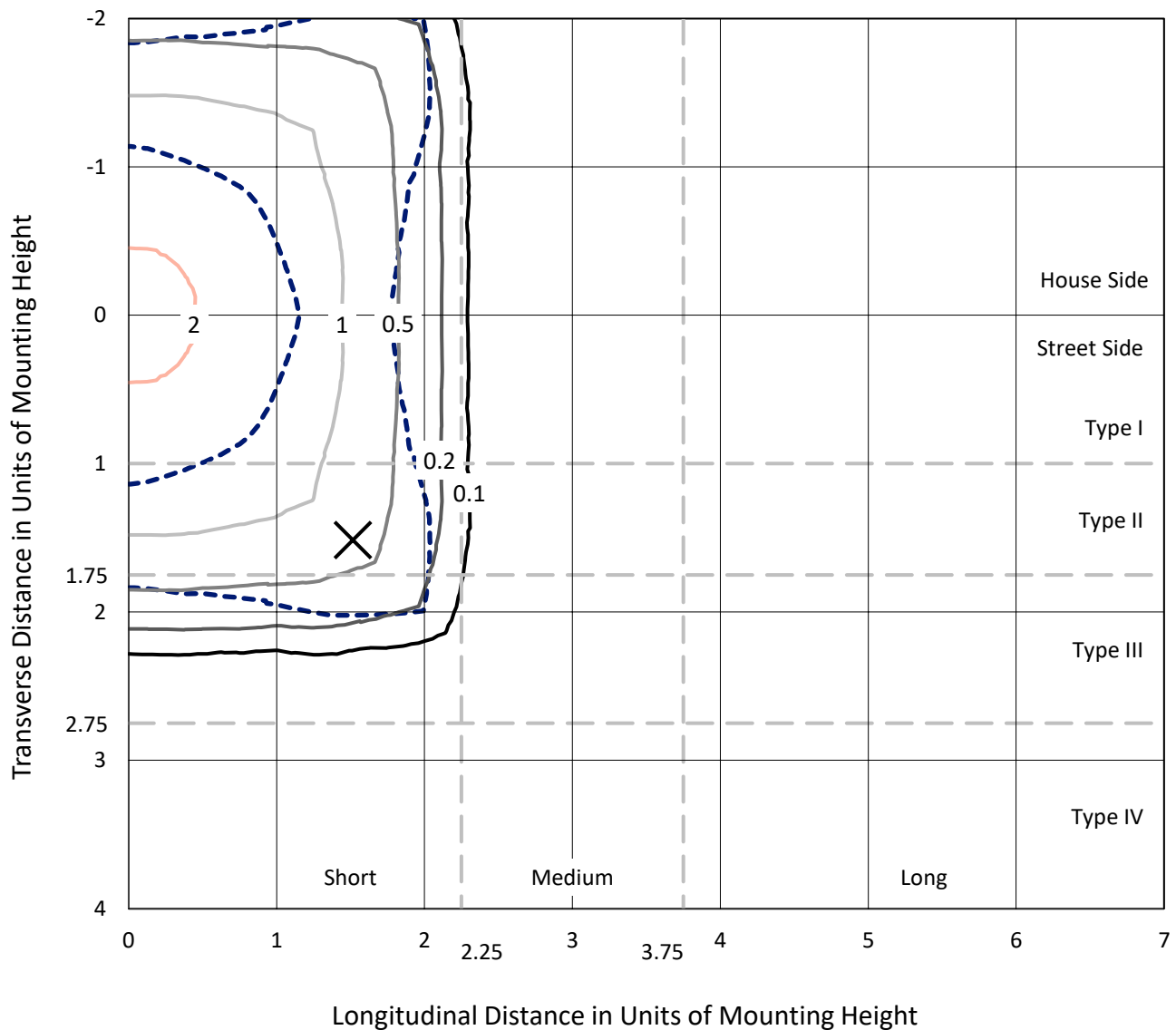
Input Watts (W): 32
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

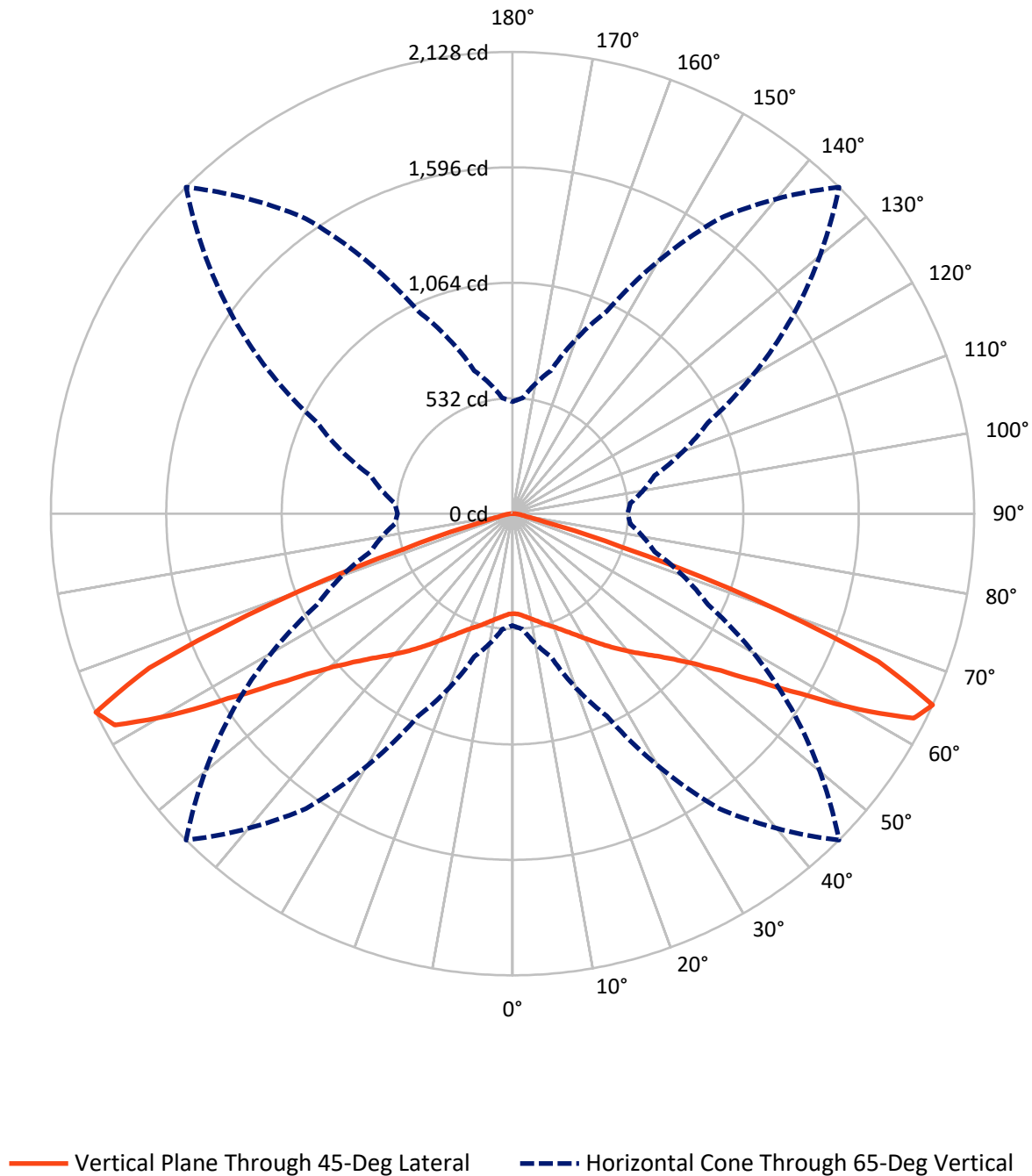
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.1 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	2005.7	0.0	2005.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2005.7	0.0	2005.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	4011.4	0.0	4011.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.7	1.1
10°-20°	149.1	3.7
20°-30°	282.8	7.1
30°-40°	474.3	11.8
40°-50°	750.6	18.7
50°-60°	1179.2	29.4
60°-70°	996.3	24.8
70°-80°	116.0	2.9
80°-90°	17.3	0.4
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°	4011.4	100.0
0°-180°	4011.4	100.0

Coefficient of Utilization



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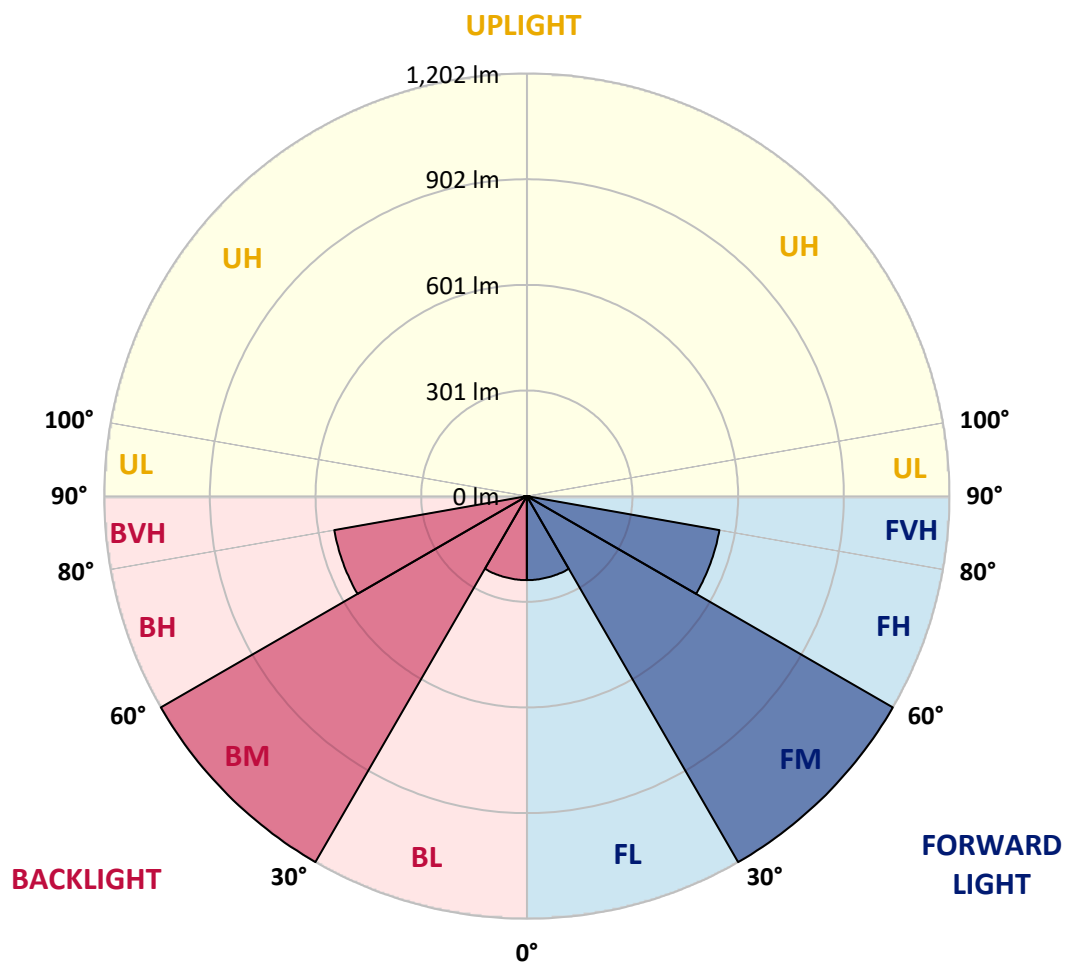
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	238.8	6.0			
FM	(30°-60°)	1202.1	30.0			
FH	(60°-80°)	556.2	13.9			G0/660
FVH	(80°-90°)	8.6	0.2			G0/10
BL	(0°-30°)	238.8	6.0	B1/500		
BM	(30°-60°)	1202.1	30.0	B2/2500		
BH	(60°-80°)	556.2	13.9	B2/1000		G0/660
BVH	(80°-90°)	8.6	0.2			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	461.2	461.2	461.2	461.2	461.2	461.2	461.2	461.2	461.2	461.2	461.2
2.5°	463.8	462.4	463.8	463.8	462.9	463.2	462.1	461.8	463.2	462.1	461.8
5°	473.4	472.2	473.4	472.5	471.1	471.4	469.7	469.1	470.8	469.1	469.4
7.5°	484.4	482.4	483.0	483.8	482.4	482.4	481.0	480.1	481.0	479.3	480.4
10°	493.7	492.0	492.8	493.9	493.7	494.5	493.1	492.5	491.7	489.7	491.4
12.5°	505.8	505.2	506.4	507.8	507.2	508.3	505.2	504.4	504.1	501.8	503.8
15°	521.6	520.2	522.1	523.8	523.0	525.0	522.4	521.3	519.9	517.1	518.8
17.5°	537.4	536.2	539.1	539.9	540.2	541.9	539.9	538.2	537.6	535.7	534.5
20°	556.3	554.8	557.1	558.8	557.4	559.4	558.5	557.4	556.8	553.7	553.4
22.5°	577.4	575.4	578.8	580.8	578.8	580.8	579.1	578.8	579.1	574.6	575.1
25°	601.1	601.4	604.7	606.2	605.0	606.2	603.6	605.3	604.5	599.7	598.0
27.5°	631.5	630.4	634.1	638.3	635.5	635.5	634.3	636.0	635.8	631.2	630.1
30°	667.1	666.8	672.1	674.7	670.7	669.0	668.7	673.0	673.3	668.5	666.5
32.5°	704.3	704.3	710.8	713.9	708.2	707.1	706.0	711.6	710.8	704.3	700.0
35°	745.1	743.5	752.2	756.7	751.1	747.7	747.1	752.2	751.1	742.0	737.0
37.5°	785.5	786.6	796.7	801.8	795.1	790.8	792.2	795.6	795.9	786.0	780.7
40°	834.8	835.1	847.8	851.7	843.0	836.5	838.5	846.1	845.5	833.4	826.6
42.5°	890.1	888.9	904.7	908.1	896.3	883.9	889.8	901.6	904.4	890.9	883.9
45°	949.3	951.0	967.3	971.0	952.4	936.6	949.3	967.0	970.7	956.0	947.3
47.5°	1021.2	1023.1	1042.9	1044.3	1023.1	1002.6	1019.5	1042.6	1044.0	1023.7	1013.5
50°	1103.2	1110.0	1132.0	1134.8	1113.9	1087.4	1111.7	1132.2	1126.9	1099.8	1090.5
52.5°	1196.2	1201.6	1236.0	1247.8	1229.5	1201.0	1220.5	1233.2	1216.0	1180.5	1166.1
55°	1275.5	1284.5	1330.2	1366.2	1380.1	1358.6	1356.4	1337.8	1289.8	1235.7	1220.8
57.5°	1297.7	1306.5	1377.2	1470.3	1552.3	1563.0	1513.4	1420.1	1316.9	1233.5	1218.2
60°	1207.2	1219.1	1322.5	1498.8	1734.2	1831.2	1651.8	1427.1	1246.7	1134.8	1115.6
62.5°	948.1	970.1	1103.8	1380.1	1807.5	2075.3	1708.8	1305.6	1035.0	902.7	877.4
65°	515.7	534.5	682.0	1028.5	1658.9	2127.5	1569.2	994.1	676.9	544.1	530.3
67.5°	193.4	207.2	274.9	508.3	1172.8	1818.7	1191.2	569.2	307.3	220.5	201.0
70°	82.3	84.0	99.5	177.1	533.1	1183.3	609.8	193.4	102.6	82.9	80.6
72.5°	59.2	59.5	63.7	78.4	162.4	519.0	184.4	81.2	62.6	56.4	56.4
75°	47.4	47.6	50.2	56.7	76.7	152.8	79.5	57.0	48.5	44.3	43.7
77.5°	37.2	37.8	40.3	44.3	51.3	69.9	53.8	44.8	38.9	35.0	34.4
80°	27.6	28.5	31.9	33.8	36.1	46.5	39.2	35.0	31.0	26.8	25.9
82.5°	18.3	19.2	23.7	25.1	24.8	29.3	27.1	26.8	23.7	17.8	16.9
85°	11.0	11.6	15.2	16.4	15.2	14.4	17.2	18.6	16.6	11.6	10.7
87.5°	4.8	4.8	6.8	7.0	6.8	5.4	8.2	9.6	9.9	5.9	5.4
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)