

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: P672902

Luminaire Tested: **CCP-SA-2A-840-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672902
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-840-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ RW distribution lens
Light Source: (32) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

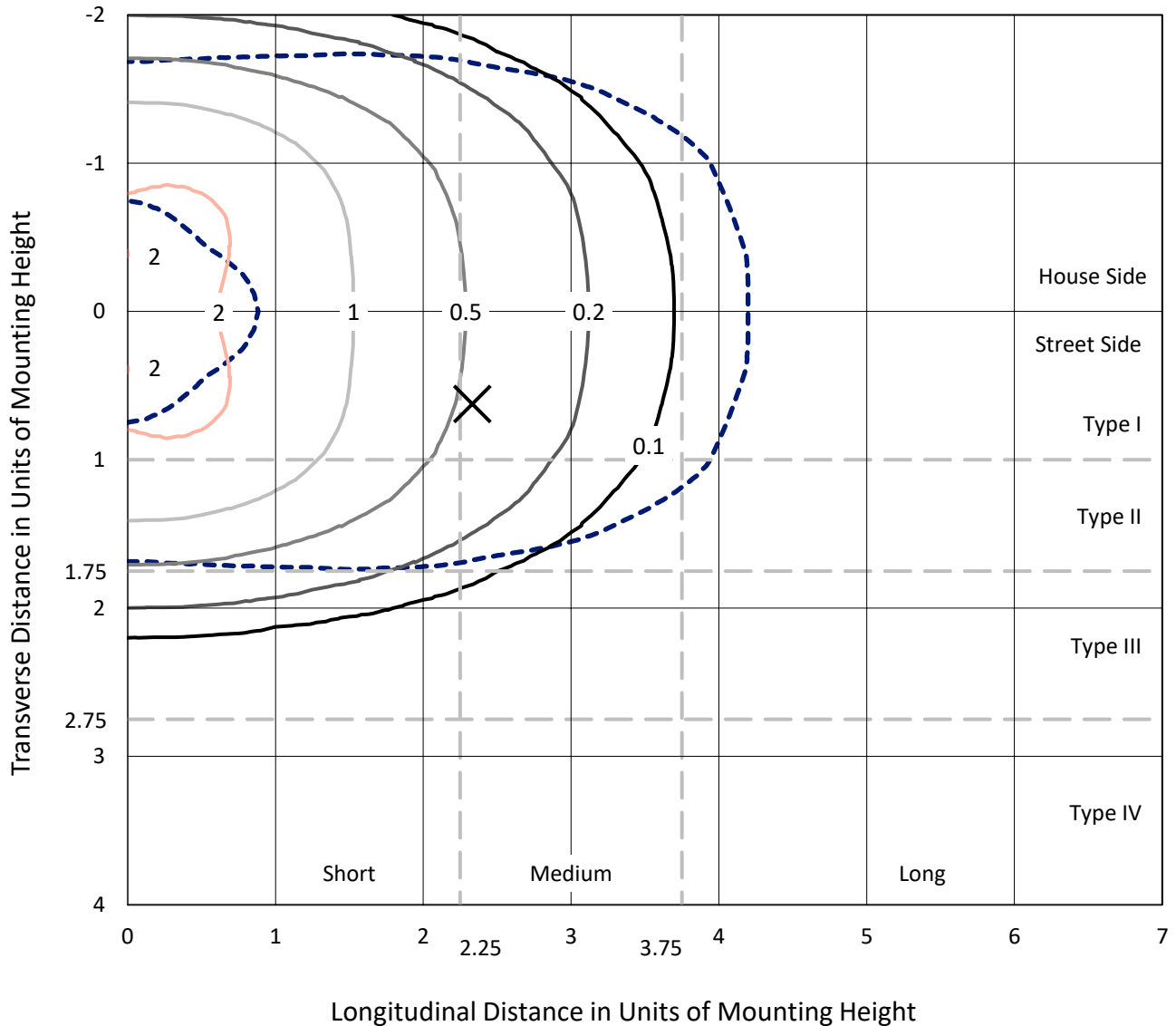
Lumens per Lamp: N/A
Luminaire Lumens: 4745.5 lumens
Efficiency: N/A
Efficacy: 131.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 36.2
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

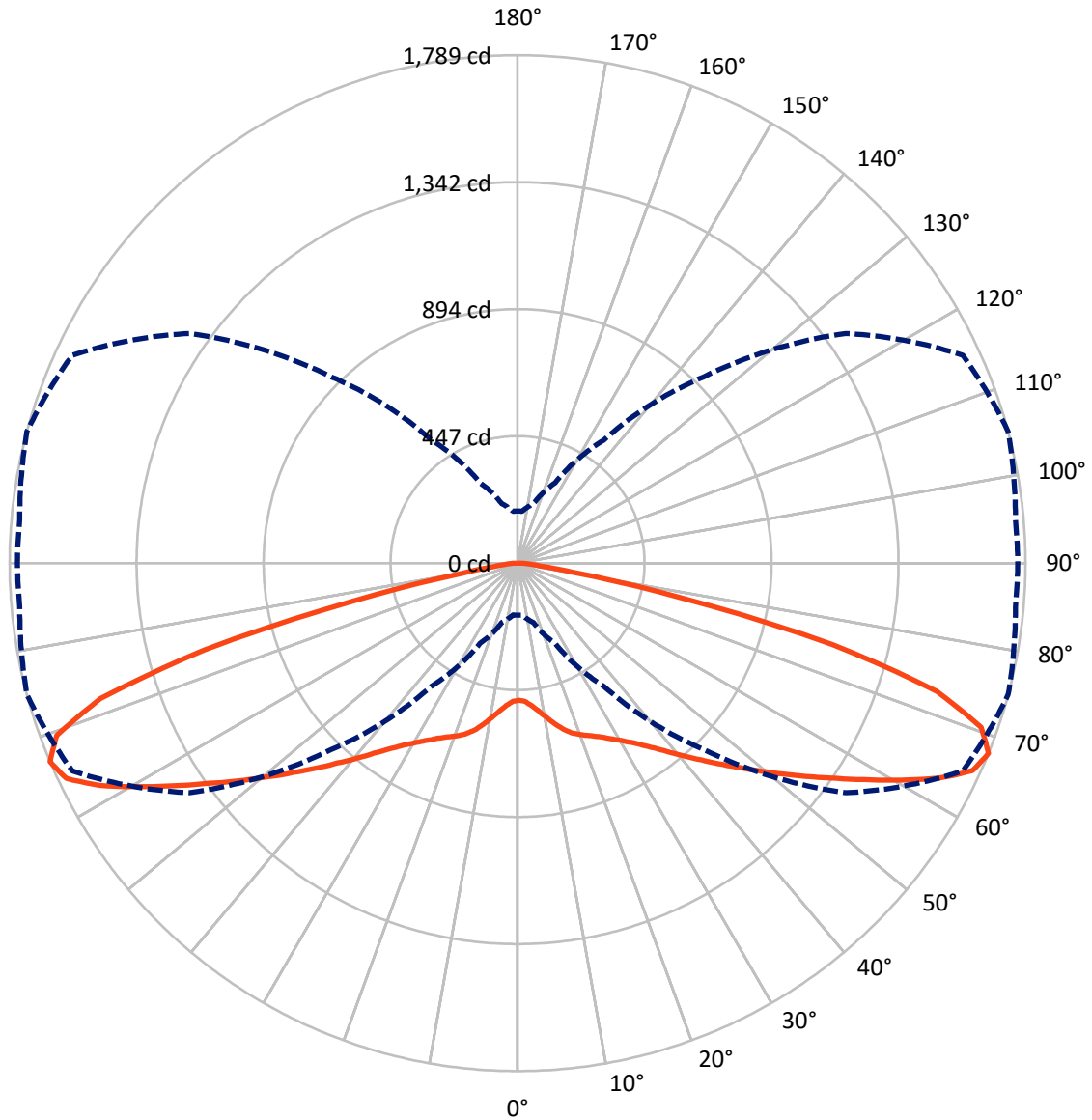
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.5 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2372.8	0.0	2372.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2372.8	0.0	2372.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	4745.5	0.0	4745.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.8	1.0
10°-20°	161.0	3.4
20°-30°	314.3	6.6
30°-40°	542.3	11.4
40°-50°	878.4	18.5
50°-60°	1194.6	25.2
60°-70°	1102.1	23.2
70°-80°	461.1	9.7
80°-90°	44.0	0.9
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°	4745.5	100.0
0°-180°	4745.5	100.0



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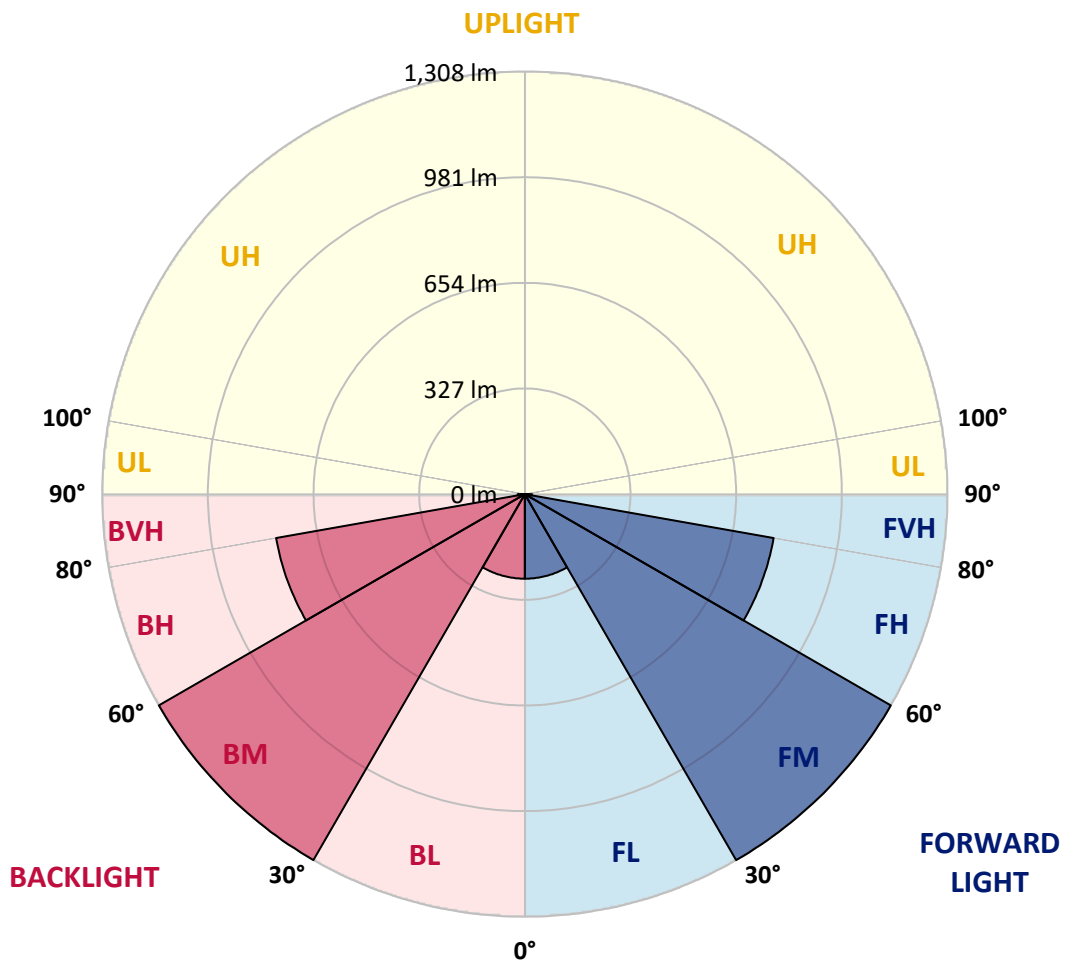
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	261.5	5.5			
FM	(30°-60°)	1307.6	27.6			
FH	(60°-80°)	781.6	16.5			G1/1800
FVH	(80°-90°)	22.0	0.5			G1/100
BL	(0°-30°)	261.5	5.5	B1/500		
BM	(30°-60°)	1307.6	27.6	B2/2500		
BH	(60°-80°)	781.6	16.5	B2/1000		G2/1000
BVH	(80°-90°)	22.0	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	482.8	482.8	482.8	482.8	482.8	482.8	482.8	482.8	482.8	482.8	482.8
2.5°	479.7	479.7	481.1	482.8	483.5	484.8	485.2	485.2	487.2	486.9	487.2
5°	478.4	478.4	480.7	483.8	487.2	491.3	495.4	497.8	502.9	503.9	504.3
7.5°	479.7	480.1	483.5	488.6	494.4	501.9	509.7	516.2	524.8	527.8	529.9
10°	484.8	485.2	489.6	496.8	505.6	516.6	527.8	538.1	551.7	557.8	558.9
12.5°	492.7	493.0	499.5	511.1	523.7	537.4	550.0	563.0	580.0	589.2	591.3
15°	504.6	503.6	513.8	530.9	548.6	565.7	577.0	589.6	607.7	619.6	622.7
17.5°	521.0	521.7	534.3	556.1	578.0	595.4	606.6	613.8	629.5	641.8	644.9
20°	541.5	544.5	560.6	585.8	611.4	629.8	637.7	636.7	645.5	656.1	658.5
22.5°	570.5	572.5	592.0	620.3	649.6	668.7	671.8	660.5	660.2	667.0	670.1
25°	604.6	606.3	626.8	659.5	690.6	710.7	707.6	688.2	677.9	678.3	680.3
27.5°	644.5	647.9	669.1	702.5	734.6	753.0	748.6	720.3	700.1	694.0	692.6
30°	696.4	700.1	721.6	753.7	782.0	798.4	791.6	755.7	725.7	715.5	713.4
32.5°	763.9	763.6	785.8	816.8	836.6	847.2	833.9	793.3	755.4	741.7	739.0
35°	833.5	836.9	858.8	888.8	903.8	904.5	883.3	837.6	792.6	769.0	763.9
37.5°	912.0	913.7	939.0	967.3	977.2	971.7	940.3	889.5	837.6	812.7	803.8
40°	992.5	994.2	1023.6	1050.9	1061.8	1048.8	1007.5	946.8	890.9	863.6	858.4
42.5°	1067.2	1071.7	1104.4	1136.5	1147.1	1132.1	1082.3	1009.6	947.1	920.9	914.1
45°	1129.3	1134.1	1171.0	1211.9	1230.7	1218.4	1162.1	1080.2	1012.0	983.7	972.1
47.5°	1176.1	1182.2	1221.5	1270.6	1307.1	1304.7	1247.1	1154.9	1081.6	1048.1	1037.6
50°	1208.2	1214.6	1256.9	1309.8	1364.8	1383.2	1333.4	1237.5	1159.0	1121.5	1114.3
52.5°	1210.5	1216.3	1264.8	1330.6	1404.0	1444.6	1418.3	1324.5	1244.3	1205.4	1200.3
55°	1157.3	1161.4	1225.9	1313.6	1420.0	1491.7	1495.8	1419.4	1335.4	1296.2	1293.8
57.5°	1035.2	1041.0	1118.1	1234.1	1393.4	1522.1	1563.0	1518.6	1438.5	1401.6	1399.6
60°	836.3	843.8	931.8	1086.0	1297.2	1514.2	1620.0	1611.8	1551.1	1515.2	1513.9
62.5°	589.9	592.6	684.4	854.3	1108.9	1431.0	1647.6	1702.5	1667.7	1631.6	1633.6
65°	346.7	350.4	417.6	570.5	841.0	1239.5	1599.8	1765.7	1761.2	1728.1	1731.5
67.5°	183.2	183.2	217.0	311.8	528.8	928.0	1409.8	1730.9	1788.9	1759.9	1761.6
70°	126.6	126.2	132.4	156.6	255.6	575.2	1054.6	1548.7	1732.6	1721.7	1726.1
72.5°	107.1	106.5	106.8	110.2	130.0	260.0	640.4	1192.8	1544.6	1561.3	1565.0
75°	93.8	92.8	92.1	91.4	93.1	118.1	292.1	735.9	1145.0	1250.1	1248.1
77.5°	80.9	80.2	79.5	77.1	74.4	77.5	119.4	331.0	588.9	695.0	687.5
80°	66.5	66.5	67.6	64.1	59.0	57.0	71.3	123.5	195.5	204.0	187.7
82.5°	52.2	52.2	57.3	52.5	46.4	41.3	49.5	65.8	79.5	64.5	52.5
85°	36.8	37.2	47.8	43.7	35.8	23.9	30.7	39.2	44.7	28.3	22.2
87.5°	15.0	16.0	29.7	23.5	22.5	11.9	14.3	17.4	22.2	11.9	9.6
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)