

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: P672792

Luminaire Tested: **CCP-SA-2A-722-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672792
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-722-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ RW distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

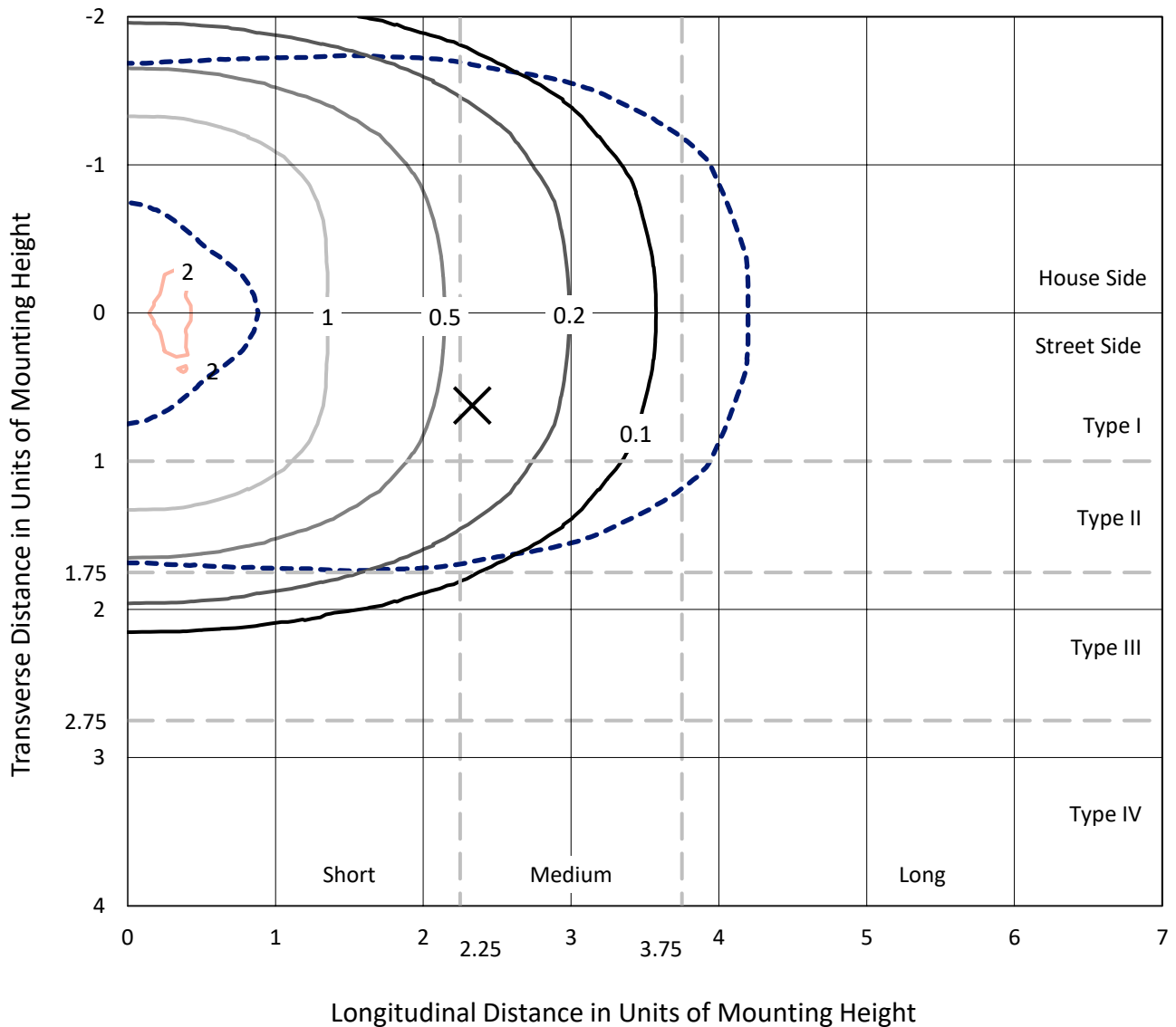
Lumens per Lamp: N/A
Luminaire Lumens: 4099.9 lumens
Efficiency: N/A
Efficacy: 113.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

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

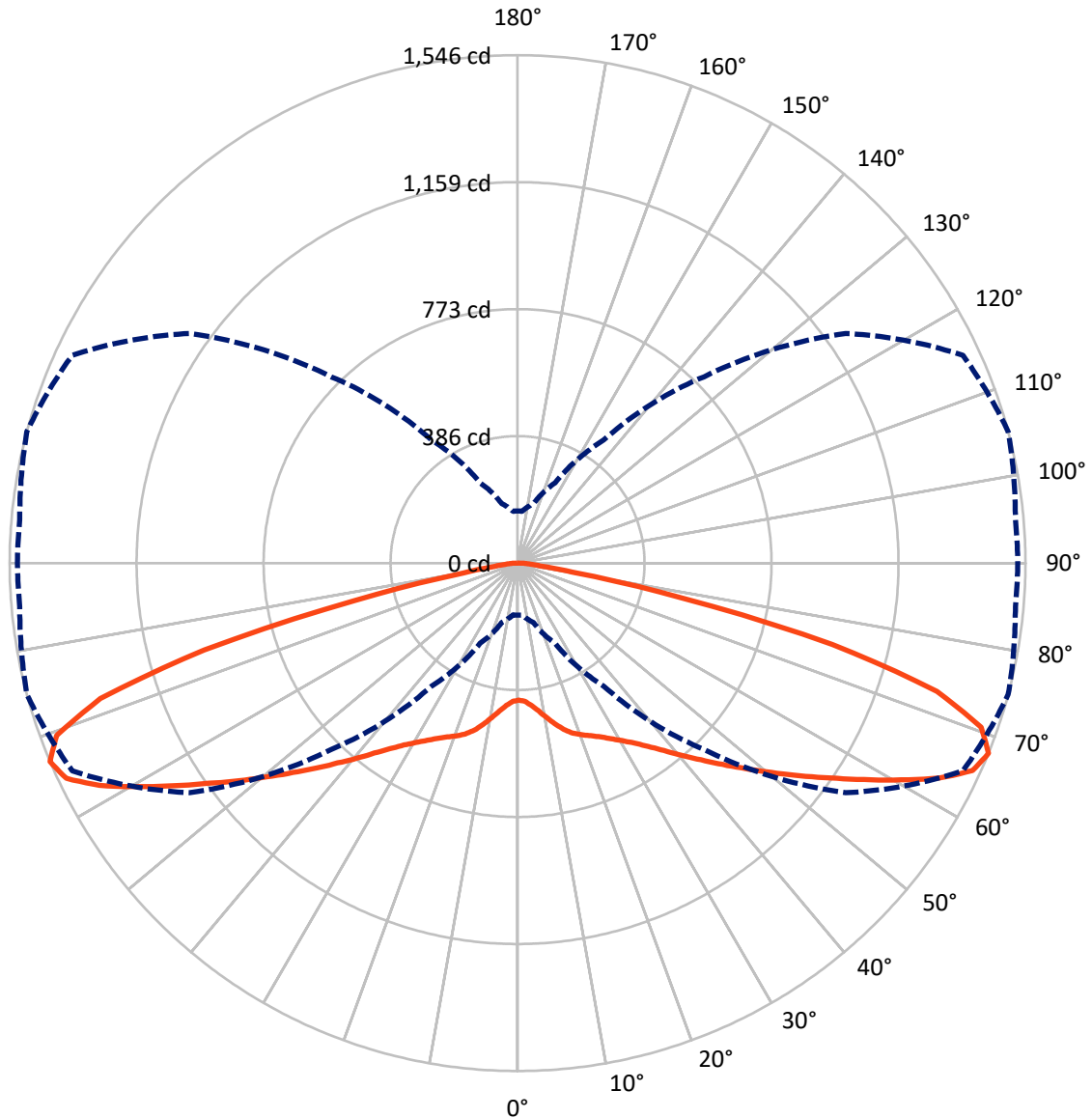
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.1 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	2049.9	0.0	2049.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2049.9	0.0	2049.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	4099.9	0.0	4099.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.3	1.0
10°-20°	139.1	3.4
20°-30°	271.6	6.6
30°-40°	468.5	11.4
40°-50°	758.9	18.5
50°-60°	1032.1	25.2
60°-70°	952.1	23.2
70°-80°	398.4	9.7
80°-90°	38.0	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°	4099.9	100.0
0°-180°	4099.9	100.0



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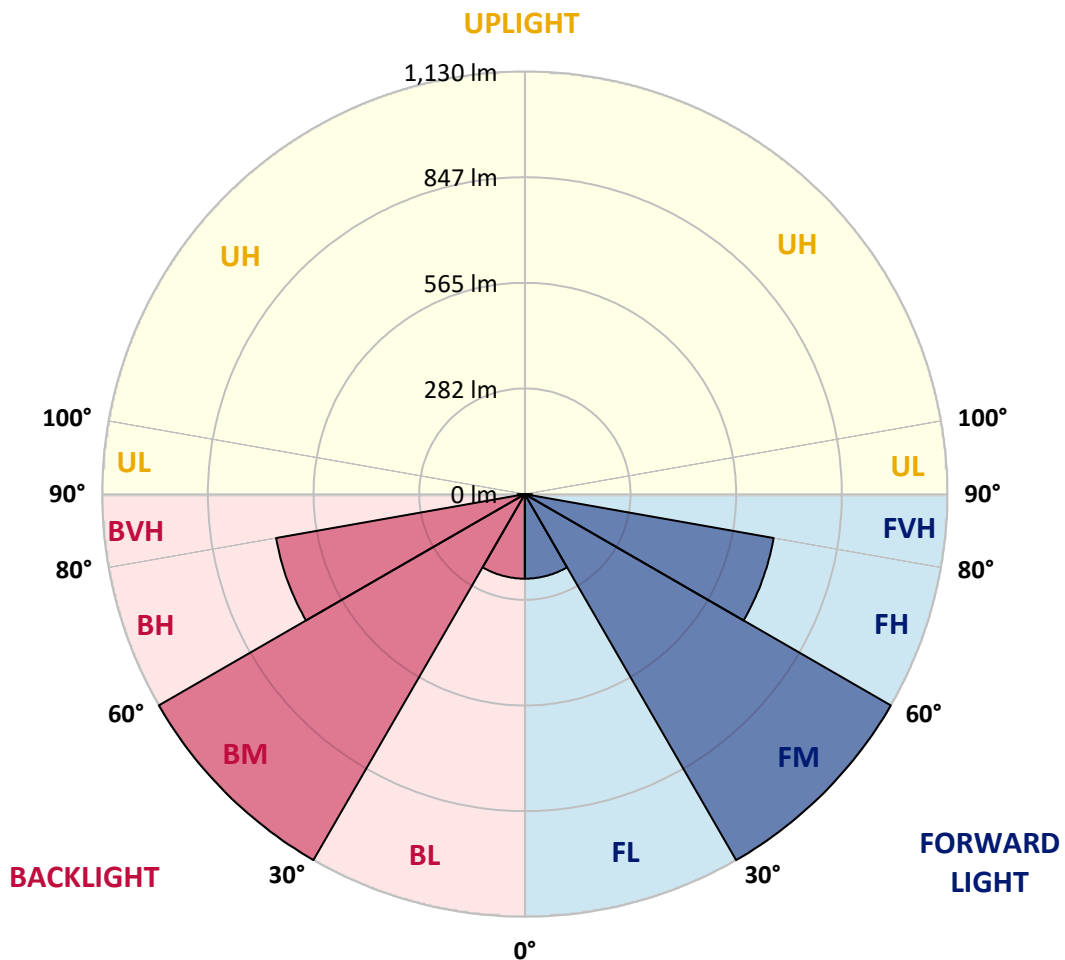
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	226.0	5.5			
FM (30°-60°)	1129.7	27.6			
FH (60°-80°)	675.3	16.5			G1/1800
FVH (80°-90°)	19.0	0.5			G1/100
BL (0°-30°)	226.0	5.5	B1/500		
BM (30°-60°)	1129.7	27.6	B2/2500		
BH (60°-80°)	675.3	16.5	B2/1000		G2/1000
BVH (80°-90°)	19.0	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°	417.1	417.1	417.1	417.1	417.1	417.1	417.1	417.1	417.1	417.1	417.1
2.5°	414.4	414.4	415.6	417.1	417.7	418.9	419.2	419.2	420.9	420.6	420.9
5°	413.3	413.3	415.3	418.0	420.9	424.5	428.0	430.1	434.5	435.4	435.7
7.5°	414.4	414.7	417.7	422.1	427.1	433.6	440.4	446.0	453.4	456.0	457.8
10°	418.9	419.2	423.0	429.2	436.9	446.3	456.0	464.9	476.6	482.0	482.8
12.5°	425.6	425.9	431.5	441.6	452.5	464.3	475.2	486.4	501.1	509.1	510.8
15°	436.0	435.1	443.9	458.7	474.0	488.7	498.5	509.4	525.0	535.3	538.0
17.5°	450.1	450.7	461.6	480.5	499.3	514.4	524.1	530.3	543.9	554.5	557.1
20°	467.8	470.5	484.3	506.1	528.2	544.1	550.9	550.0	557.7	566.8	568.9
22.5°	492.9	494.6	511.4	535.9	561.2	577.8	580.4	570.7	570.4	576.3	578.9
25°	522.3	523.8	541.5	569.8	596.6	614.0	611.4	594.6	585.7	586.0	587.8
27.5°	556.8	559.8	578.0	606.9	634.6	650.6	646.7	622.3	604.9	599.6	598.4
30°	601.6	604.9	623.4	651.1	675.6	689.8	683.9	652.9	627.0	618.1	616.4
32.5°	660.0	659.7	678.9	705.7	722.8	731.9	720.4	685.3	652.6	640.8	638.5
35°	720.1	723.1	741.9	767.9	780.8	781.4	763.2	723.7	684.8	664.4	660.0
37.5°	787.9	789.4	811.2	835.7	844.2	839.5	812.4	768.5	723.7	702.1	694.5
40°	857.5	859.0	884.3	907.9	917.3	906.1	870.5	818.0	769.6	746.1	741.6
42.5°	922.0	925.9	954.2	981.9	991.0	978.0	935.0	872.2	818.3	795.6	789.7
45°	975.7	979.8	1011.7	1047.0	1063.2	1052.6	1004.0	933.2	874.3	849.8	839.8
47.5°	1016.1	1021.4	1055.3	1097.7	1129.3	1127.2	1077.4	997.8	934.4	905.5	896.4
50°	1043.8	1049.4	1085.9	1131.6	1179.1	1195.0	1152.0	1069.1	1001.3	968.9	962.7
52.5°	1045.8	1050.9	1092.7	1149.6	1213.0	1248.1	1225.4	1144.3	1075.0	1041.4	1037.0
55°	999.9	1003.4	1059.1	1134.9	1226.8	1288.7	1292.3	1226.2	1153.7	1119.8	1117.8
57.5°	894.3	899.3	966.0	1066.2	1203.8	1315.0	1350.3	1312.0	1242.8	1210.9	1209.1
60°	722.5	729.0	805.0	938.3	1120.7	1308.2	1399.6	1392.5	1340.0	1309.1	1307.9
62.5°	509.7	512.0	591.3	738.1	958.0	1236.3	1423.4	1470.9	1440.8	1409.6	1411.4
65°	299.5	302.7	360.8	492.9	726.6	1070.9	1382.2	1525.4	1521.6	1493.0	1496.0
67.5°	158.3	158.3	187.5	269.4	456.9	801.8	1218.0	1495.4	1545.5	1520.4	1521.9
70°	109.4	109.1	114.4	135.3	220.8	497.0	911.1	1338.0	1496.8	1487.4	1491.2
72.5°	92.6	92.0	92.3	95.2	112.3	224.6	553.3	1030.5	1334.4	1348.9	1352.1
75°	81.1	80.2	79.6	79.0	80.5	102.0	252.3	635.8	989.3	1080.0	1078.3
77.5°	69.9	69.3	68.7	66.6	64.3	66.9	103.2	285.9	508.8	600.4	594.0
80°	57.5	57.5	58.4	55.4	51.0	49.2	61.6	106.7	168.9	176.3	162.1
82.5°	45.1	45.1	49.5	45.4	40.1	35.7	42.7	56.9	68.7	55.7	45.4
85°	31.8	32.1	41.3	37.7	31.0	20.6	26.5	33.9	38.6	24.5	19.2
87.5°	13.0	13.9	25.6	20.3	19.5	10.3	12.4	15.0	19.2	10.3	8.3
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)