

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: P672909

Luminaire Tested: **CCP-SA-1C-850-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672909
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-850-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ RW distribution lens
Light Source: (16) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4013.2 lumens
Efficiency: N/A
Efficacy: 125.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

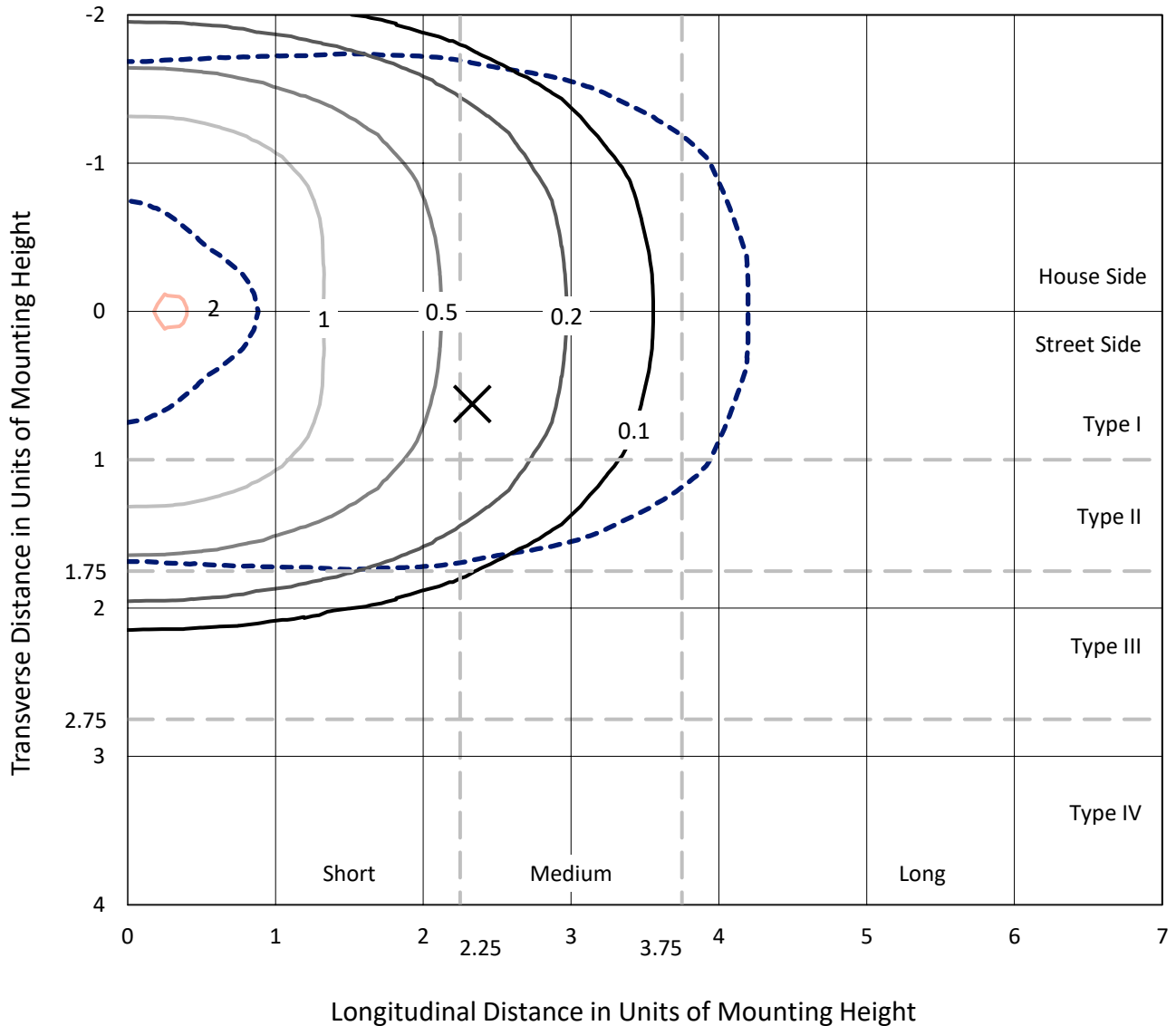
Input Watts (W): 32
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P672909
 CATALOG NUMBER: CCP-SA-1C-850-U-RW

Iso-Footcandle Lines of Horizontal Illumination

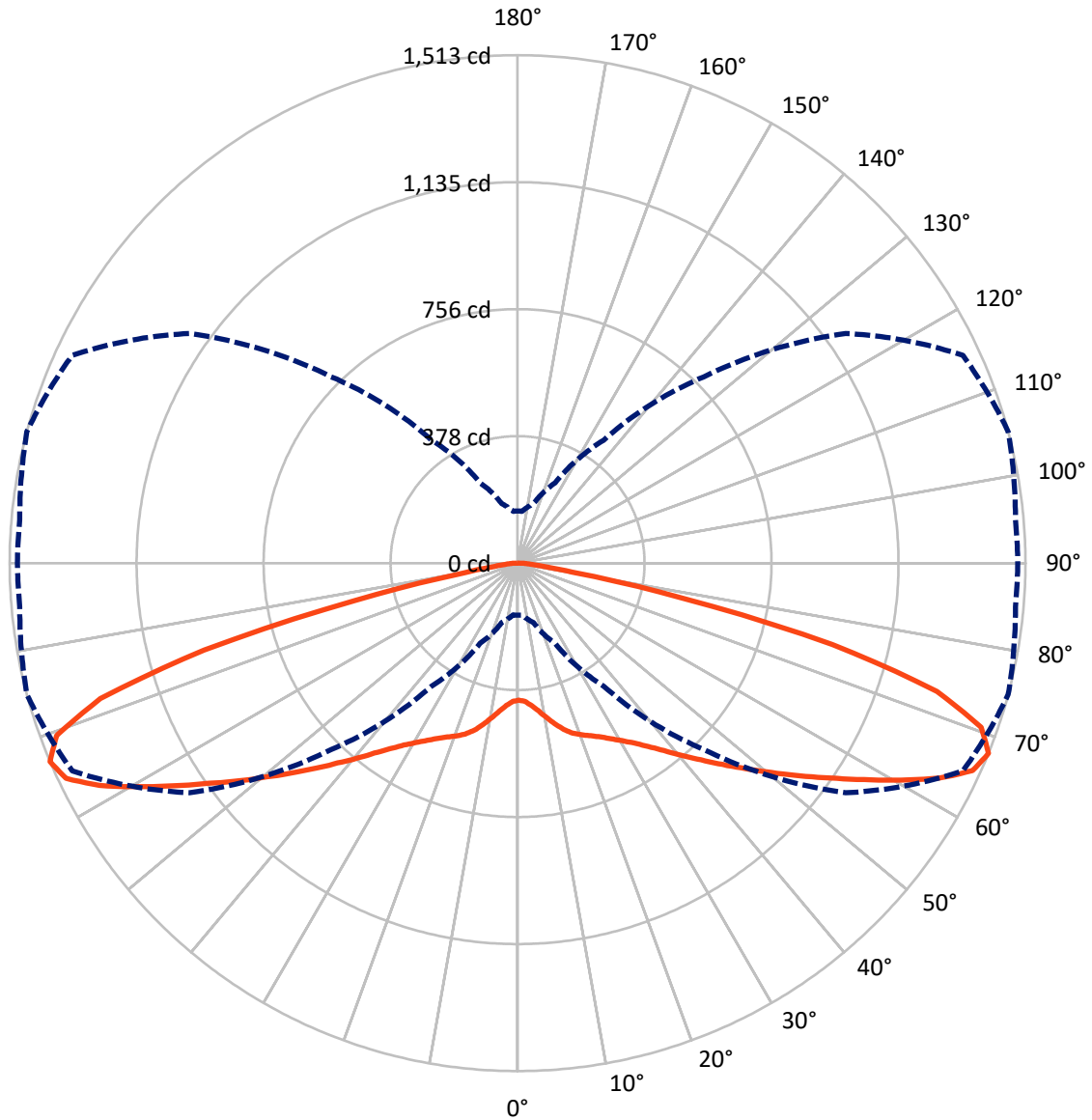
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.1 fc
 Type II - Medium - N/A

REPORT NUMBER: P672909
CATALOG NUMBER: CCP-SA-1C-850-U-RW

Luminous Intensity Polar Plot



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

REPORT NUMBER: P672909

CATALOG NUMBER: CCP-SA-1C-850-U-RW

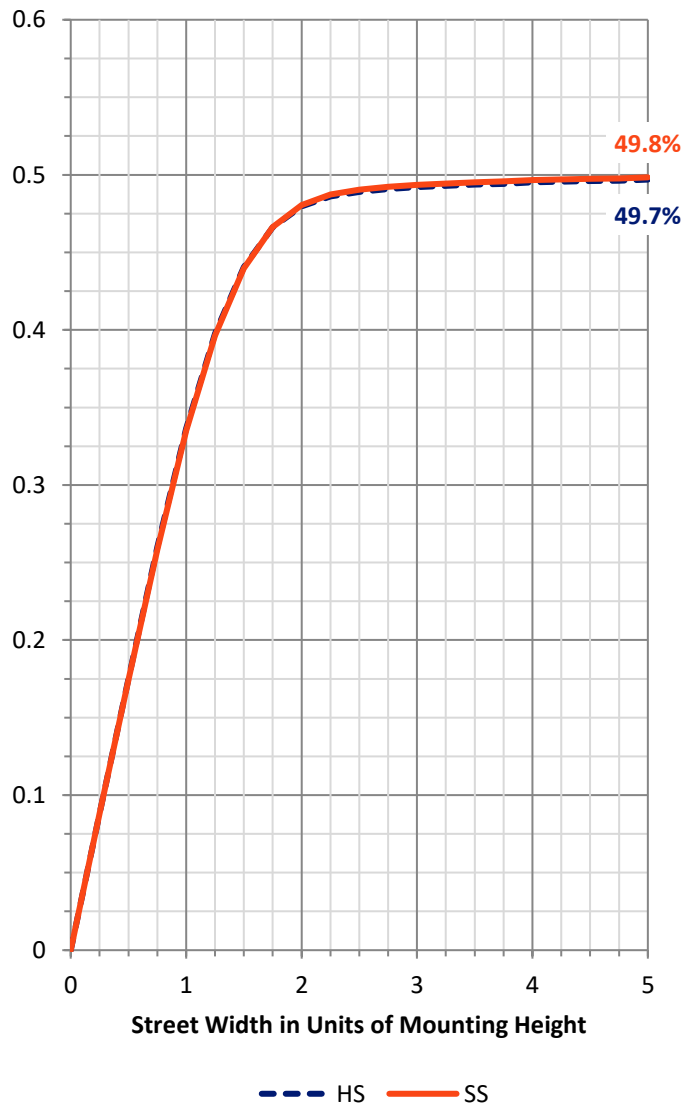
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2006.6	0.0	2006.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2006.6	0.0	2006.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	4013.2	0.0	4013.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.4	1.0
10°-20°	136.1	3.4
20°-30°	265.8	6.6
30°-40°	458.6	11.4
40°-50°	742.8	18.5
50°-60°	1010.3	25.2
60°-70°	932.0	23.2
70°-80°	390.0	9.7
80°-90°	37.2	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°	4013.2	100.0
0°-180°	4013.2	100.0



REPORT NUMBER: P672909

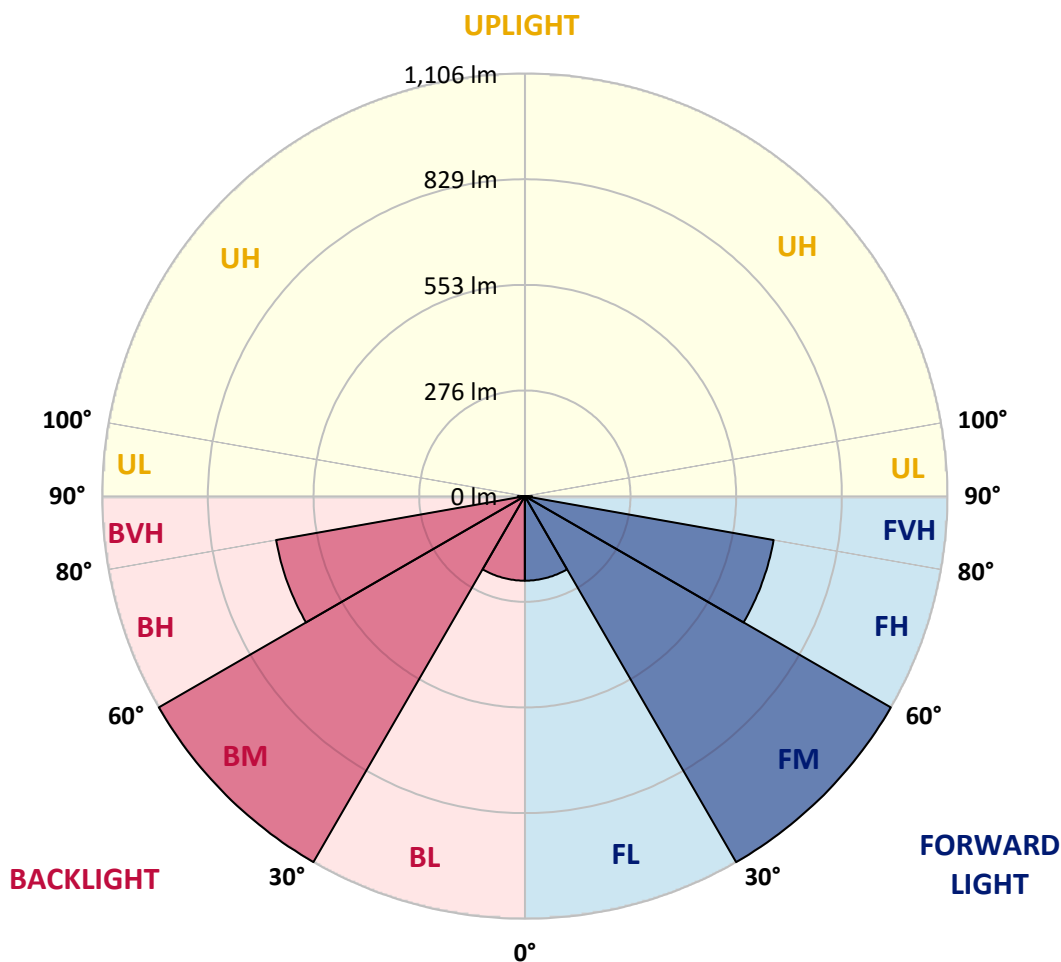
CATALOG NUMBER: CCP-SA-1C-850-U-RW

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	221.2	5.5			
FM (30°-60°)	1105.8	27.6			
FH (60°-80°)	661.0	16.5			G1/1800
FVH (80°-90°)	18.6	0.5			G1/100
BL (0°-30°)	221.2	5.5	B1/500		
BM (30°-60°)	1105.8	27.6	B2/2500		
BH (60°-80°)	661.0	16.5	B2/1000		G2/1000
BVH (80°-90°)	18.6	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





REPORT NUMBER: P672909
 CATALOG NUMBER: CCP-SA-1C-850-U-RW

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	408.3	408.3	408.3	408.3	408.3	408.3	408.3	408.3	408.3	408.3	408.3
2.5°	405.7	405.7	406.8	408.3	408.9	410.0	410.3	410.3	412.0	411.8	412.0
5°	404.5	404.5	406.6	409.2	412.0	415.5	419.0	421.0	425.3	426.2	426.5
7.5°	405.7	406.0	408.9	413.2	418.1	424.4	431.1	436.6	443.8	446.4	448.1
10°	410.0	410.3	414.1	420.1	427.6	436.9	446.4	455.0	466.6	471.8	472.6
12.5°	416.7	416.9	422.4	432.2	442.9	454.5	465.1	476.1	490.5	498.3	500.0
15°	426.8	425.9	434.5	449.0	464.0	478.4	487.9	498.6	513.9	524.0	526.6
17.5°	440.6	441.2	451.9	470.3	488.8	503.5	513.0	519.1	532.4	542.7	545.3
20°	457.9	460.5	474.1	495.4	517.1	532.7	539.3	538.4	545.9	554.9	556.9
22.5°	482.4	484.2	500.6	524.6	549.4	565.5	568.1	558.6	558.3	564.1	566.7
25°	511.3	512.7	530.1	557.8	584.0	601.0	598.4	582.0	573.3	573.6	575.4
27.5°	545.1	547.9	565.8	594.1	621.2	636.8	633.1	609.1	592.1	586.9	585.7
30°	588.9	592.1	610.3	637.4	661.3	675.2	669.4	639.1	613.7	605.1	603.3
32.5°	646.0	645.8	664.5	690.8	707.5	716.5	705.2	670.9	638.8	627.3	625.0
35°	704.9	707.8	726.3	751.7	764.4	764.9	747.0	708.4	670.3	650.4	646.0
37.5°	771.3	772.7	794.1	818.0	826.4	821.8	795.2	752.2	708.4	687.3	679.8
40°	839.4	840.8	865.6	888.7	897.9	887.0	852.1	800.7	753.4	730.3	726.0
42.5°	902.6	906.3	934.0	961.1	970.1	957.4	915.3	853.8	801.0	778.8	773.0
45°	955.1	959.1	990.3	1024.9	1040.8	1030.4	982.8	913.5	855.8	831.9	822.1
47.5°	994.6	999.8	1033.0	1074.5	1105.4	1103.4	1054.6	976.7	914.7	886.4	877.5
50°	1021.7	1027.2	1063.0	1107.7	1154.2	1169.8	1127.6	1046.5	980.2	948.4	942.4
52.5°	1023.8	1028.7	1069.6	1125.3	1187.4	1221.7	1199.5	1120.1	1052.3	1019.4	1015.1
55°	978.7	982.2	1036.7	1110.9	1200.9	1261.5	1265.0	1200.3	1129.4	1096.2	1094.2
57.5°	875.4	880.3	945.6	1043.7	1178.4	1287.2	1321.8	1284.3	1216.5	1185.3	1183.6
60°	707.2	713.6	788.0	918.4	1097.0	1280.6	1370.0	1363.1	1311.7	1281.4	1280.3
62.5°	498.9	501.2	578.8	722.5	937.8	1210.2	1393.4	1439.8	1410.4	1379.8	1381.5
65°	293.2	296.3	353.2	482.4	711.3	1048.3	1353.0	1493.2	1489.5	1461.5	1464.4
67.5°	154.9	154.9	183.5	263.7	447.2	784.8	1192.3	1463.8	1512.8	1488.3	1489.7
70°	107.0	106.8	112.0	132.4	216.1	486.5	891.9	1309.7	1465.2	1456.0	1459.7
72.5°	90.6	90.0	90.3	93.2	109.9	219.9	541.6	1008.7	1306.2	1320.4	1323.5
75°	79.3	78.5	77.9	77.3	78.8	99.8	247.0	622.4	968.4	1057.2	1055.5
77.5°	68.4	67.8	67.2	65.2	62.9	65.5	101.0	279.9	498.0	587.8	581.4
80°	56.3	56.3	57.1	54.2	49.9	48.2	60.3	104.5	165.3	172.5	158.7
82.5°	44.1	44.1	48.5	44.4	39.2	34.9	41.8	55.7	67.2	54.5	44.4
85°	31.2	31.5	40.4	36.9	30.3	20.2	26.0	33.2	37.8	23.9	18.8
87.5°	12.7	13.6	25.1	19.9	19.0	10.1	12.1	14.7	18.8	10.1	8.1
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)