

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: P672876

Luminaire Tested: **CCP-SA-1C-830-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672876
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-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ RW distribution lens
Light Source: (16) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

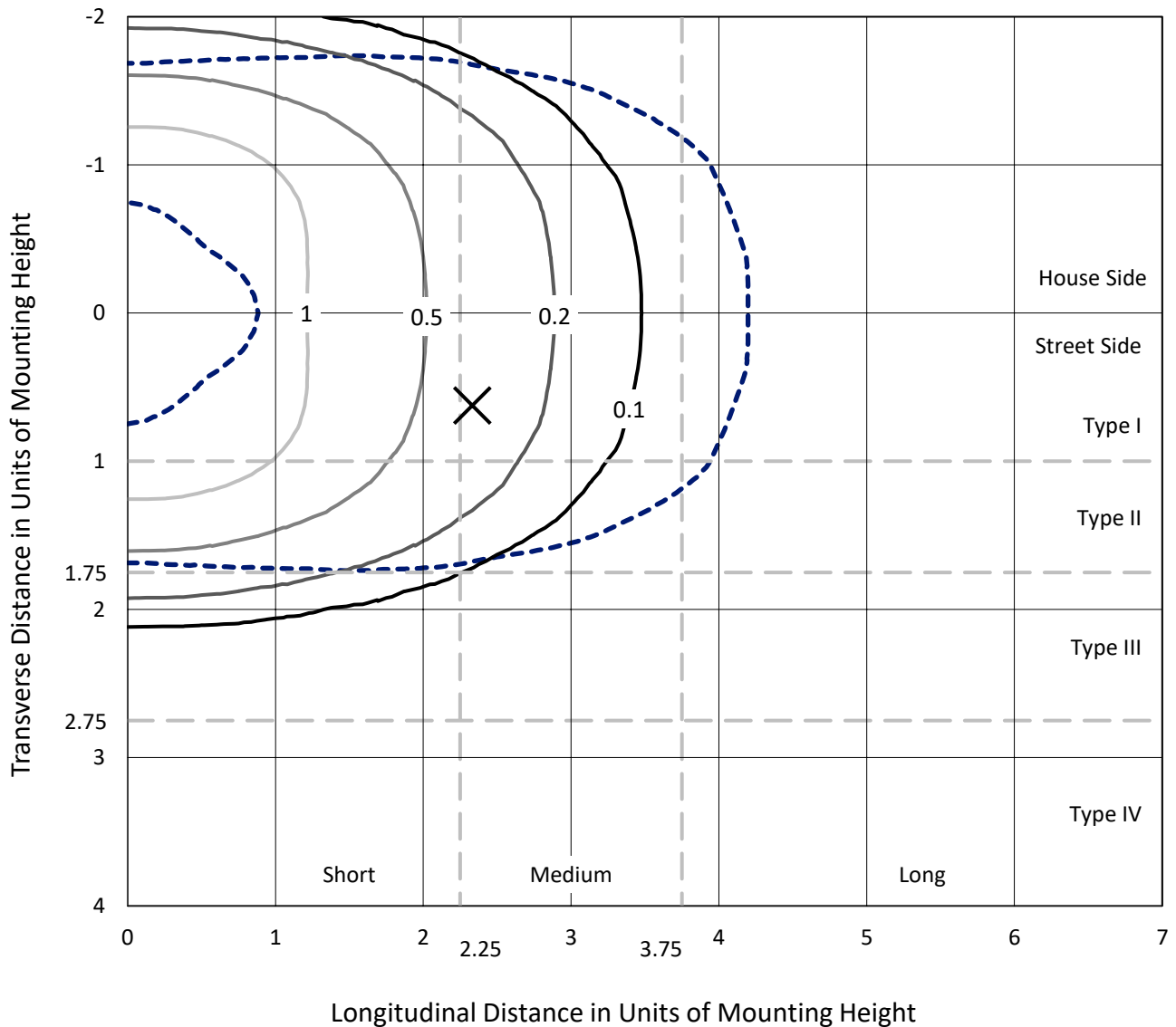
Lumens per Lamp: N/A
Luminaire Lumens: 3654.5 lumens
Efficiency: N/A
Efficacy: 114.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

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: P672876
 CATALOG NUMBER: CCP-SA-1C-830-U-RW

Iso-Footcandle Lines of Horizontal Illumination

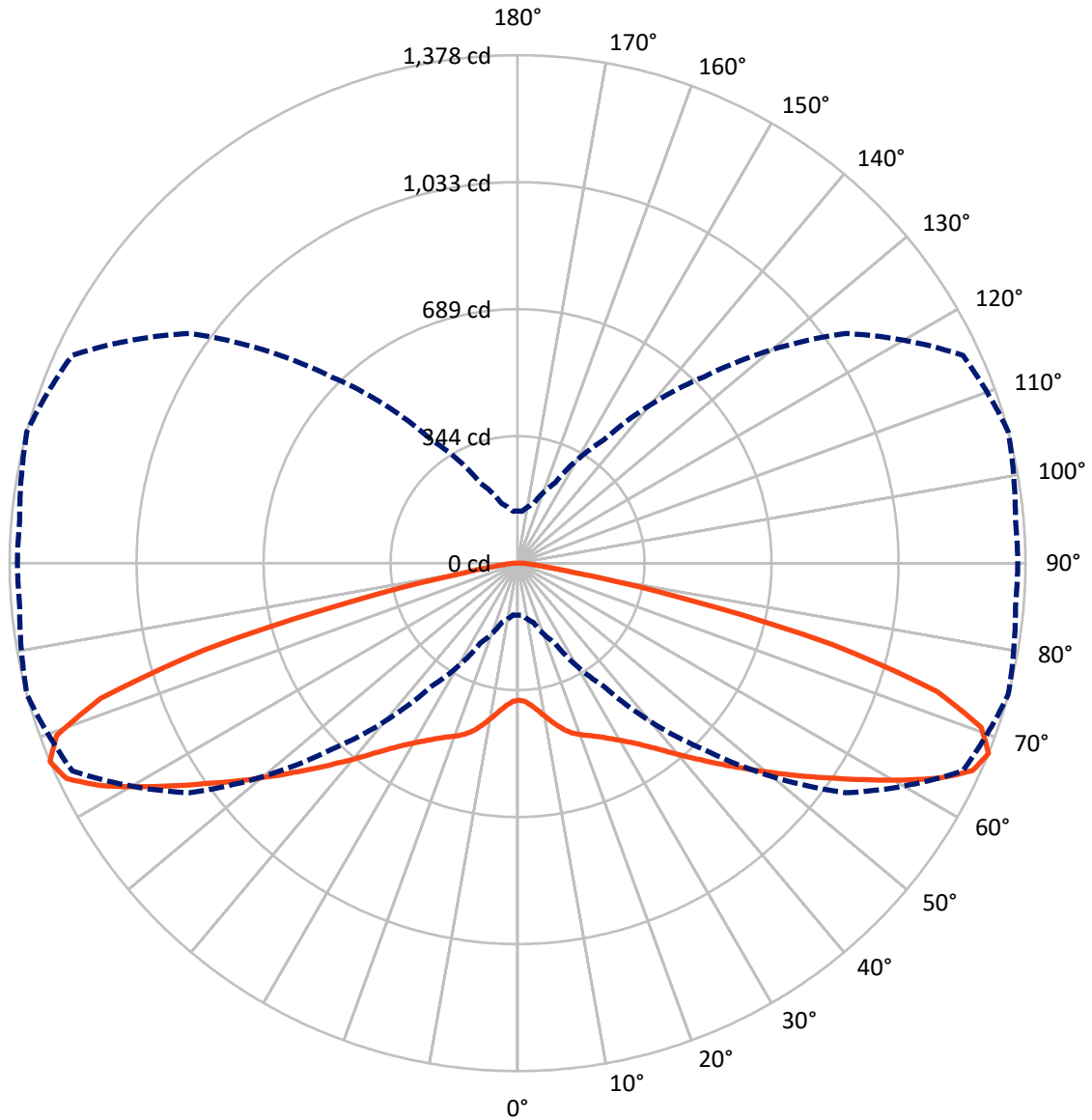
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.9 fc
 Type II - Medium - N/A

REPORT NUMBER: P672876
CATALOG NUMBER: CCP-SA-1C-830-U-RW

Luminous Intensity Polar Plot



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

REPORT NUMBER: P672876
 CATALOG NUMBER: CCP-SA-1C-830-U-RW

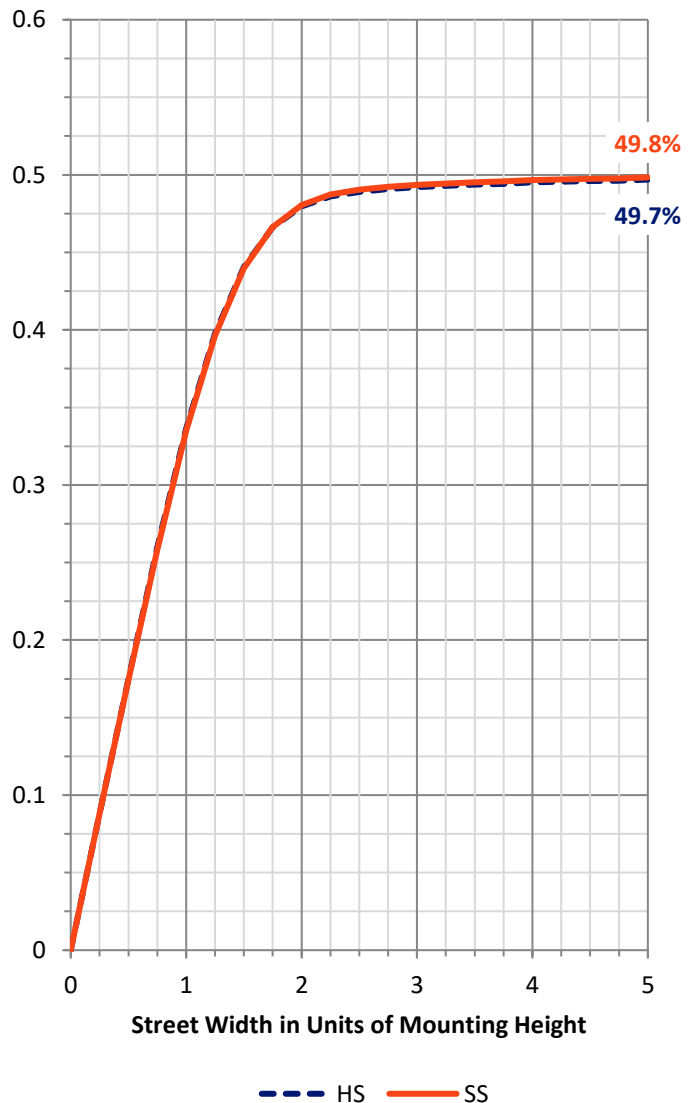
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1827.3	0.0	1827.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1827.3	0.0	1827.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	3654.5	0.0	3654.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.8	1.0
10°-20°	124.0	3.4
20°-30°	242.1	6.6
30°-40°	417.6	11.4
40°-50°	676.4	18.5
50°-60°	920.0	25.2
60°-70°	848.7	23.2
70°-80°	355.1	9.7
80°-90°	33.9	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°	3654.5	100.0
0°-180°	3654.5	100.0



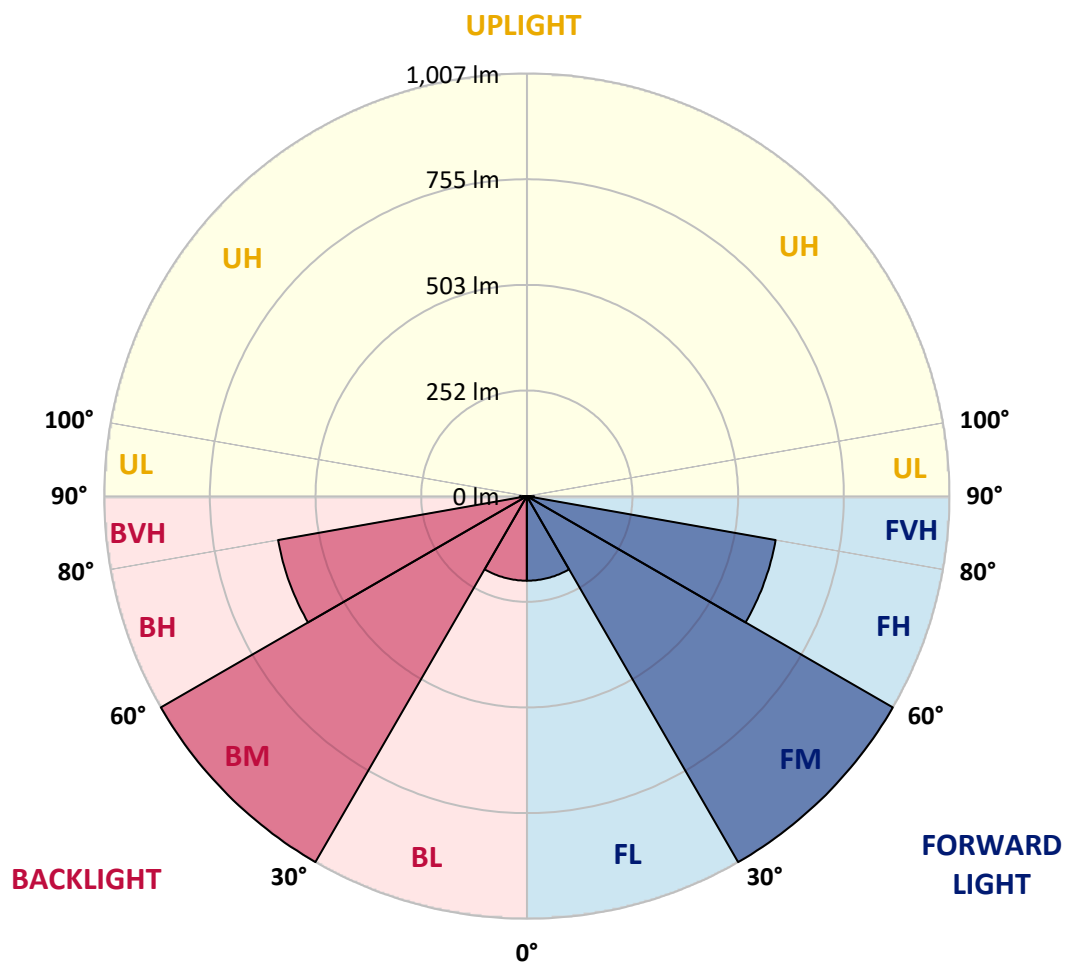
REPORT NUMBER: P672876
 CATALOG NUMBER: CCP-SA-1C-830-U-RW

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	201.4	5.5			
FM (30°-60°)	1007.0	27.6			
FH (60°-80°)	601.9	16.5			G0/660
FVH (80°-90°)	17.0	0.5			G1/100
BL (0°-30°)	201.4	5.5	B1/500		
BM (30°-60°)	1007.0	27.6	B2/2500		
BH (60°-80°)	601.9	16.5	B2/1000		G2/1000
BVH (80°-90°)	17.0	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





REPORT NUMBER: P672876
 CATALOG NUMBER: CCP-SA-1C-830-U-RW

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	371.8	371.8	371.8	371.8	371.8	371.8	371.8	371.8	371.8	371.8	371.8
2.5°	369.4	369.4	370.5	371.8	372.3	373.4	373.6	373.6	375.2	374.9	375.2
5°	368.4	368.4	370.2	372.6	375.2	378.4	381.5	383.4	387.3	388.1	388.3
7.5°	369.4	369.7	372.3	376.3	380.7	386.5	392.5	397.5	404.1	406.5	408.1
10°	373.4	373.6	377.0	382.6	389.4	397.8	406.5	414.4	424.9	429.6	430.4
12.5°	379.4	379.7	384.7	393.6	403.3	413.8	423.6	433.5	446.7	453.8	455.3
15°	388.6	387.8	395.7	408.8	422.5	435.6	444.3	454.0	468.0	477.2	479.5
17.5°	401.2	401.7	411.5	428.3	445.1	458.5	467.2	472.7	484.8	494.2	496.6
20°	417.0	419.4	431.7	451.1	470.8	485.0	491.1	490.3	497.1	505.3	507.1
22.5°	439.3	440.9	455.9	477.7	500.3	515.0	517.4	508.7	508.4	513.7	516.0
25°	465.6	466.9	482.7	507.9	531.8	547.3	544.9	530.0	522.1	522.3	523.9
27.5°	496.3	499.0	515.3	541.0	565.7	579.9	576.5	554.7	539.2	534.4	533.4
30°	536.3	539.2	555.7	580.4	602.2	614.8	609.6	582.0	558.9	551.0	549.4
32.5°	588.3	588.0	605.1	629.0	644.3	652.4	642.2	610.9	581.7	571.2	569.1
35°	641.9	644.5	661.3	684.5	696.0	696.6	680.3	645.1	610.4	592.2	588.3
37.5°	702.3	703.6	723.1	744.9	752.5	748.3	724.1	685.0	645.1	625.9	619.0
40°	764.3	765.7	788.3	809.3	817.7	807.7	775.9	729.1	686.0	665.0	661.1
42.5°	821.9	825.3	850.5	875.2	883.4	871.8	833.4	777.5	729.4	709.2	703.9
45°	869.7	873.4	901.8	933.3	947.7	938.3	894.9	831.9	779.3	757.5	748.6
47.5°	905.7	910.4	940.6	978.5	1006.6	1004.8	960.4	889.4	832.9	807.2	799.0
50°	930.4	935.4	968.0	1008.7	1051.0	1065.2	1026.8	953.0	892.6	863.7	858.1
52.5°	932.2	936.7	974.0	1024.7	1081.2	1112.5	1092.3	1020.0	958.3	928.3	924.4
55°	891.3	894.4	944.1	1011.6	1093.6	1148.7	1151.9	1093.0	1028.4	998.2	996.4
57.5°	797.2	801.7	861.0	950.4	1073.1	1172.1	1203.7	1169.5	1107.8	1079.4	1077.8
60°	644.0	649.8	717.6	836.3	999.0	1166.1	1247.5	1241.2	1194.5	1166.9	1165.8
62.5°	454.3	456.4	527.1	657.9	853.9	1102.0	1268.8	1311.1	1284.3	1256.5	1258.1
65°	267.0	269.8	321.6	439.3	647.7	954.6	1232.0	1359.7	1356.3	1330.8	1333.5
67.5°	141.1	141.1	167.1	240.2	407.3	714.7	1085.7	1332.9	1377.6	1355.3	1356.6
70°	97.5	97.2	101.9	120.6	196.8	443.0	812.2	1192.6	1334.2	1325.8	1329.3
72.5°	82.5	82.0	82.2	84.9	100.1	200.2	493.2	918.6	1189.5	1202.3	1205.2
75°	72.3	71.5	70.9	70.4	71.7	90.9	224.9	566.8	881.8	962.7	961.1
77.5°	62.3	61.7	61.2	59.4	57.3	59.6	92.0	254.9	453.5	535.2	529.4
80°	51.2	51.2	52.0	49.4	45.5	43.9	54.9	95.1	150.6	157.1	144.5
82.5°	40.2	40.2	44.1	40.5	35.7	31.8	38.1	50.7	61.2	49.7	40.5
85°	28.4	28.6	36.8	33.6	27.6	18.4	23.6	30.2	34.4	21.8	17.1
87.5°	11.6	12.3	22.9	18.1	17.3	9.2	11.0	13.4	17.1	9.2	7.4
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)