

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: P672598

Luminaire Tested: **CCP-SA-1B-835-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672598
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1B-835-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5MQ distribution lens
Light Source: (16) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

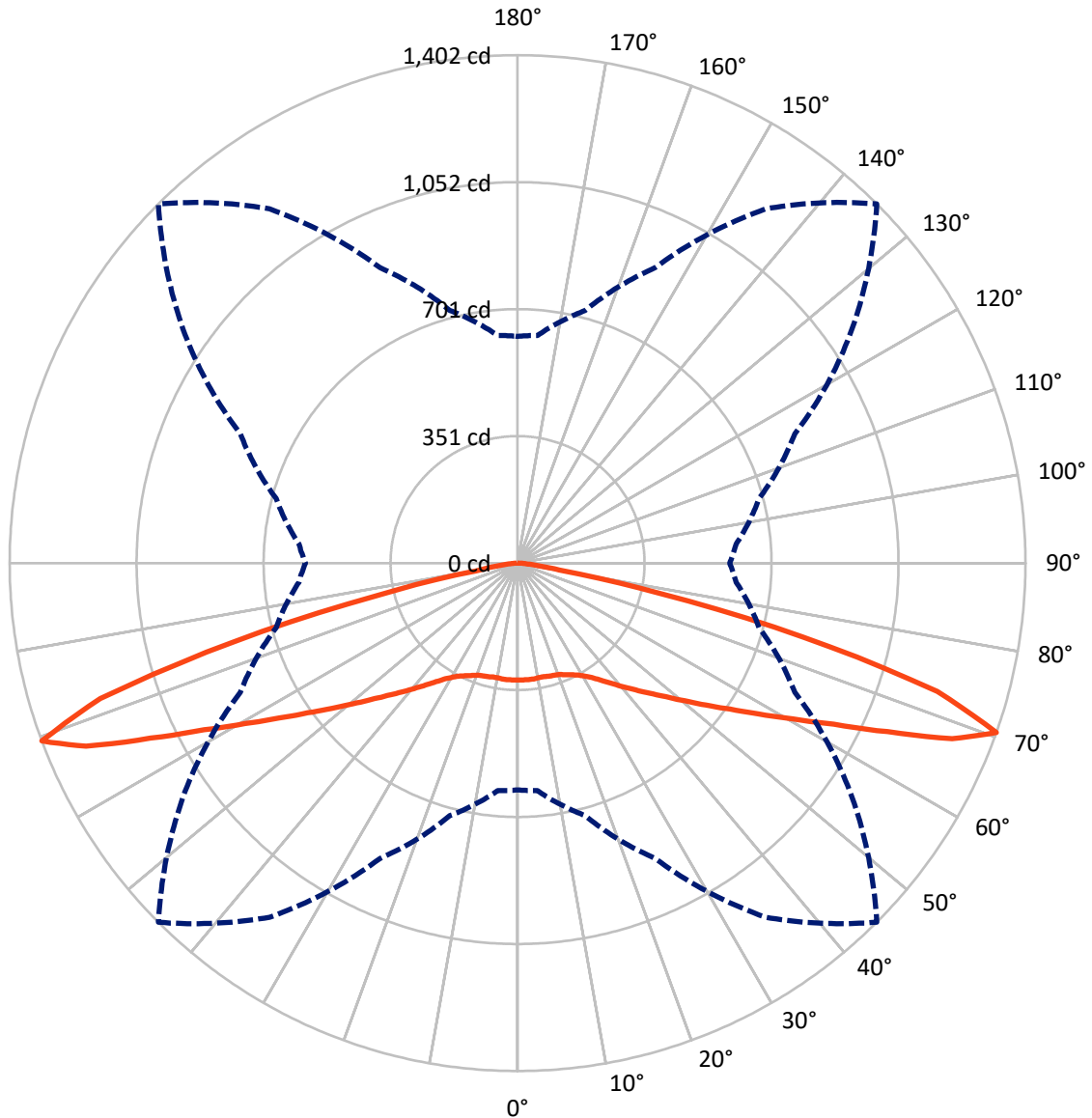
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2937.5 lumens
Efficiency: N/A
Efficacy: 122.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 24
Input Voltage (V): 120
Input Current (A_{in}): 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: P672598
CATALOG NUMBER: CCP-SA-1B-835-U-5MQ

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

REPORT NUMBER: P672598
 CATALOG NUMBER: CCP-SA-1B-835-U-5MQ

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1468.8	0.0	1468.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1468.8	0.0	1468.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	2937.5	0.0	2937.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.7	1.0
10°-20°	90.9	3.1
20°-30°	155.3	5.3
30°-40°	247.8	8.4
40°-50°	399.9	13.6
50°-60°	640.4	21.8
60°-70°	937.5	31.9
70°-80°	412.3	14.0
80°-90°	22.6	0.8
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°	2937.5	100.0
0°-180°	2937.5	100.0

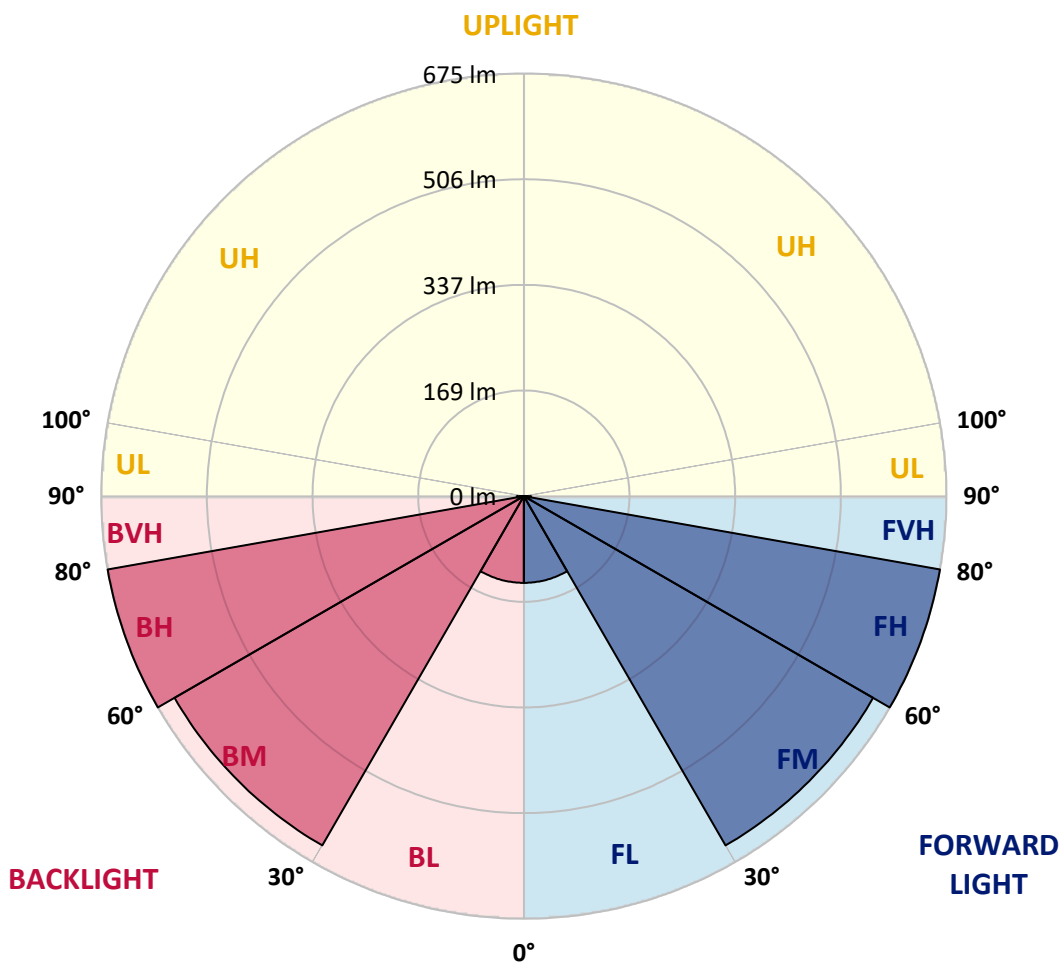


REPORT NUMBER: P672598
 CATALOG NUMBER: CCP-SA-1B-835-U-5MQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	138.5	4.7			
FM (30°-60°)	644.1	21.9			
FH (60°-80°)	674.9	23.0			G1/1800
FVH (80°-90°)	11.3	0.4			G1/100
BL (0°-30°)	138.5	4.7	B1/500		
BM (30°-60°)	644.1	21.9	B1/1000		
BH (60°-80°)	674.9	23.0	B2/1000		G1/1800
BVH (80°-90°)	11.3	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1
 Type V Short





REPORT NUMBER: P672598

CATALOG NUMBER: CCP-SA-1B-835-U-5MQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	323.0	323.0	323.0	323.0	323.0	323.0	323.0	323.0	323.0	323.0	323.0
2.5°	322.6	322.4	322.8	323.0	322.6	322.8	321.6	321.6	322.2	321.6	322.4
5°	324.1	323.7	324.1	324.1	323.0	323.0	321.6	321.2	321.6	320.5	321.4
7.5°	324.3	323.4	324.1	323.9	323.0	323.0	321.0	320.1	320.3	319.3	319.9
10°	322.2	321.8	322.6	322.2	321.6	321.6	319.9	318.7	318.7	317.6	318.2
12.5°	321.0	320.5	321.6	321.8	321.4	321.6	319.5	317.8	317.2	316.0	316.4
15°	321.0	320.1	321.8	322.2	322.6	324.1	321.0	318.0	316.8	315.1	315.5
17.5°	320.7	320.3	322.2	323.7	324.1	325.7	322.2	319.1	317.6	315.1	315.5
20°	320.7	320.5	322.8	325.5	326.8	328.2	324.5	321.6	319.1	316.4	316.4
22.5°	321.8	321.6	324.7	328.7	332.2	334.7	330.3	325.5	322.2	318.7	318.2
25°	326.2	325.7	329.5	334.3	339.1	341.6	337.2	332.4	327.6	323.7	323.2
27.5°	335.1	334.9	338.6	344.5	347.8	349.7	345.9	341.8	337.0	332.4	332.2
30°	347.2	347.2	352.0	358.0	359.9	361.3	357.6	354.7	349.7	344.7	344.3
32.5°	361.7	362.6	368.2	374.9	376.1	376.9	373.0	371.1	365.7	360.3	359.5
35°	380.9	381.1	388.0	394.6	396.3	397.1	392.6	390.9	385.9	380.1	378.8
37.5°	405.2	404.6	411.1	418.6	420.2	421.3	417.5	416.3	410.0	404.2	402.3
40°	432.5	432.9	440.2	447.3	448.3	448.7	446.9	445.0	439.2	432.5	430.2
42.5°	464.2	464.2	472.7	481.0	481.0	478.9	478.1	477.7	472.1	464.6	462.1
45°	500.4	500.8	511.4	517.6	518.1	512.4	513.3	515.8	510.4	500.8	497.5
47.5°	540.1	540.7	553.2	560.1	558.9	551.6	556.1	557.4	551.2	538.9	534.5
50°	582.0	583.8	597.8	609.8	608.2	597.6	603.6	604.0	593.8	579.7	573.6
52.5°	627.1	631.5	650.0	662.9	664.6	651.3	656.5	656.1	642.9	623.6	619.6
55°	683.1	685.6	703.9	722.2	728.5	712.0	717.9	715.0	697.3	675.2	668.5
57.5°	739.1	742.8	766.4	787.0	799.5	785.5	786.8	779.3	757.0	730.4	727.0
60°	805.5	807.2	833.2	860.0	881.7	873.4	867.5	851.9	825.7	799.0	794.3
62.5°	859.8	863.2	901.9	941.4	978.0	979.5	961.8	938.5	896.7	852.1	842.5
65°	874.8	880.2	934.5	1012.6	1088.8	1122.7	1074.2	1003.0	909.6	842.3	828.0
67.5°	805.1	815.5	893.1	1022.8	1191.8	1293.6	1163.7	972.4	841.9	763.5	749.7
70°	626.1	630.7	721.8	899.8	1193.5	1402.2	1127.7	844.4	690.2	605.9	585.7
72.5°	332.6	334.9	417.1	605.9	971.2	1211.4	931.8	590.9	406.3	329.7	306.6
75°	107.4	110.3	143.6	248.1	535.7	814.0	549.5	245.8	140.1	113.0	107.0
77.5°	54.7	54.5	60.6	79.9	180.2	399.0	190.7	86.2	60.6	54.3	52.7
80°	34.1	33.5	38.1	43.7	63.1	116.6	68.5	48.3	38.3	32.9	32.7
82.5°	19.4	19.4	25.6	28.1	35.6	48.1	40.0	33.1	26.2	19.6	18.9
85°	10.8	9.6	16.0	17.7	20.4	23.7	24.4	21.4	17.7	10.8	11.2
87.5°	4.0	4.4	7.5	7.1	8.1	5.6	10.0	11.2	10.0	5.2	4.4
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)