

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: P672510

Luminaire Tested: **CCP-SA-1B-727-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672510
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1B-727-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5MQ distribution lens
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

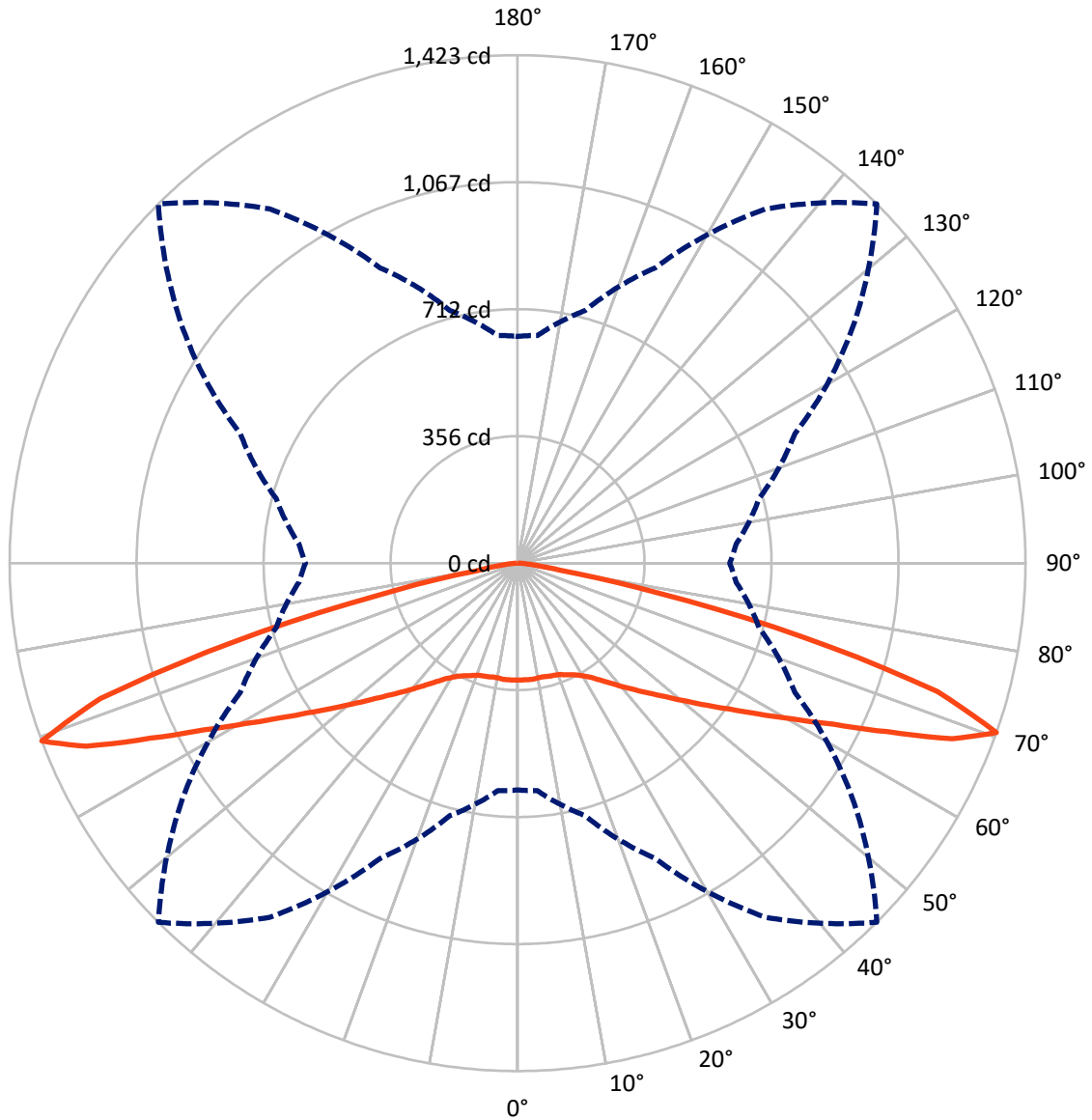
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2981.4 lumens
Efficiency: N/A
Efficacy: 124.2 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 (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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Luminous Intensity Polar Plot



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

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1490.7	0.0	1490.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1490.7	0.0	1490.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	2981.4	0.0	2981.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.2	1.0
10°-20°	92.3	3.1
20°-30°	157.6	5.3
30°-40°	251.5	8.4
40°-50°	405.9	13.6
50°-60°	649.9	21.8
60°-70°	951.5	31.9
70°-80°	418.5	14.0
80°-90°	22.9	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°	2981.4	100.0
0°-180°	2981.4	100.0



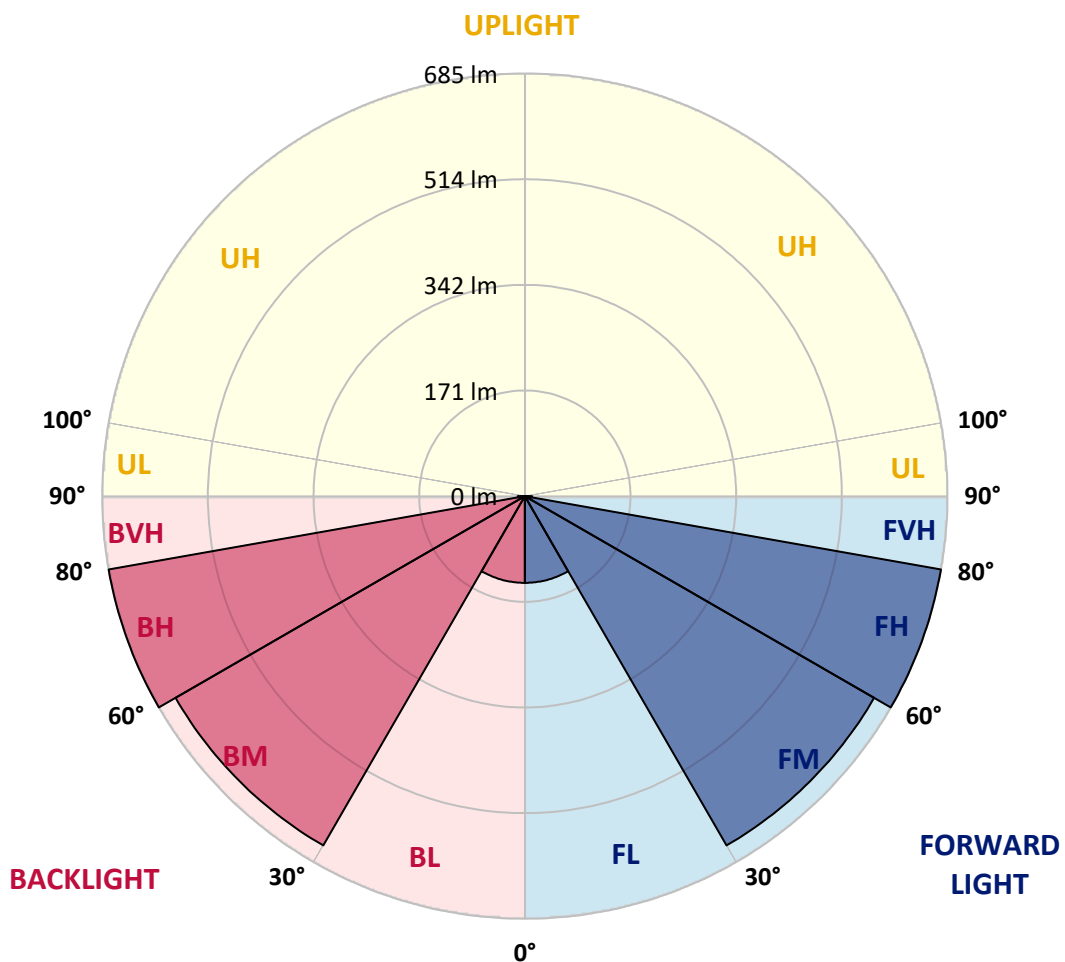
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	140.6	4.7			
FM (30°-60°)	653.7	21.9			
FH (60°-80°)	685.0	23.0			G1/1800
FVH (80°-90°)	11.5	0.4			G1/100
BL (0°-30°)	140.6	4.7	B1/500		
BM (30°-60°)	653.7	21.9	B1/1000		
BH (60°-80°)	685.0	23.0	B2/1000		G1/1800
BVH (80°-90°)	11.5	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	327.9	327.9	327.9	327.9	327.9	327.9	327.9	327.9	327.9	327.9	327.9
2.5°	327.4	327.2	327.6	327.9	327.4	327.6	326.4	326.4	327.0	326.4	327.2
5°	328.9	328.5	328.9	328.9	327.9	327.9	326.4	326.0	326.4	325.3	326.2
7.5°	329.1	328.3	328.9	328.7	327.9	327.9	325.7	324.9	325.1	324.1	324.7
10°	327.0	326.6	327.4	327.0	326.4	326.4	324.7	323.4	323.4	322.4	323.0
12.5°	325.7	325.3	326.4	326.6	326.2	326.4	324.3	322.6	321.9	320.7	321.1
15°	325.7	324.9	326.6	327.0	327.4	328.9	325.7	322.8	321.5	319.8	320.2
17.5°	325.5	325.1	327.0	328.5	328.9	330.6	327.0	323.8	322.4	319.8	320.2
20°	325.5	325.3	327.6	330.4	331.7	333.1	329.3	326.4	323.8	321.1	321.1
22.5°	326.6	326.4	329.5	333.6	337.1	339.7	335.2	330.4	327.0	323.4	323.0
25°	331.0	330.6	334.4	339.3	344.1	346.7	342.2	337.4	332.5	328.5	328.1
27.5°	340.1	339.9	343.7	349.6	353.0	354.9	351.1	346.9	342.0	337.4	337.1
30°	352.4	352.4	357.2	363.3	365.2	366.7	362.9	360.0	354.9	349.8	349.4
32.5°	367.1	368.0	373.7	380.5	381.7	382.6	378.6	376.7	371.2	365.7	364.8
35°	386.6	386.8	393.8	400.5	402.2	403.1	398.4	396.7	391.7	385.7	384.5
37.5°	411.3	410.7	417.2	424.8	426.5	427.6	423.8	422.5	416.2	410.2	408.3
40°	439.0	439.4	446.8	454.0	455.0	455.4	453.5	451.6	445.7	439.0	436.6
42.5°	471.1	471.1	479.7	488.2	488.2	486.1	485.2	484.8	479.1	471.5	469.0
45°	507.8	508.3	519.0	525.4	525.8	520.1	520.9	523.5	518.0	508.3	504.9
47.5°	548.2	548.8	561.5	568.5	567.2	559.8	564.4	565.7	559.4	546.9	542.5
50°	590.6	592.5	606.7	619.0	617.3	606.5	612.6	613.0	602.7	588.3	582.2
52.5°	636.5	640.9	659.7	672.8	674.5	661.0	666.3	665.8	652.5	632.9	628.9
55°	693.3	695.8	714.4	733.0	739.4	722.7	728.6	725.6	707.7	685.3	678.5
57.5°	750.1	753.9	777.8	798.7	811.4	797.2	798.5	790.9	768.3	741.3	737.9
60°	817.5	819.2	845.6	872.9	894.8	886.4	880.5	864.6	838.0	811.0	806.1
62.5°	872.7	876.0	915.3	955.5	992.6	994.1	976.2	952.5	910.0	864.8	855.1
65°	887.9	893.4	948.5	1027.7	1105.0	1139.5	1090.2	1018.0	923.1	854.9	840.3
67.5°	817.1	827.7	906.5	1038.1	1209.6	1312.9	1181.1	986.9	854.5	774.9	760.9
70°	635.4	640.1	732.6	913.2	1211.3	1423.2	1144.5	857.0	700.5	614.9	594.4
72.5°	337.6	339.9	423.3	614.9	985.7	1229.5	945.7	599.7	412.4	334.6	311.2
75°	109.0	112.0	145.8	251.8	543.7	826.2	557.7	249.5	142.2	114.7	108.6
77.5°	55.6	55.3	61.5	81.1	182.9	405.0	193.5	87.5	61.5	55.1	53.4
80°	34.6	34.0	38.7	44.4	64.0	118.3	69.5	49.0	38.9	33.4	33.2
82.5°	19.6	19.6	26.0	28.5	36.1	48.8	40.6	33.6	26.6	19.9	19.2
85°	11.0	9.7	16.3	18.0	20.7	24.1	24.7	21.8	18.0	11.0	11.4
87.5°	4.0	4.4	7.6	7.2	8.2	5.7	10.1	11.4	10.1	5.3	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)