

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: P672454

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672454
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-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5WQ
distribution lens
Light Source: (16) 3500K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2982.6 lumens
Efficiency: N/A
Efficacy: 124.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

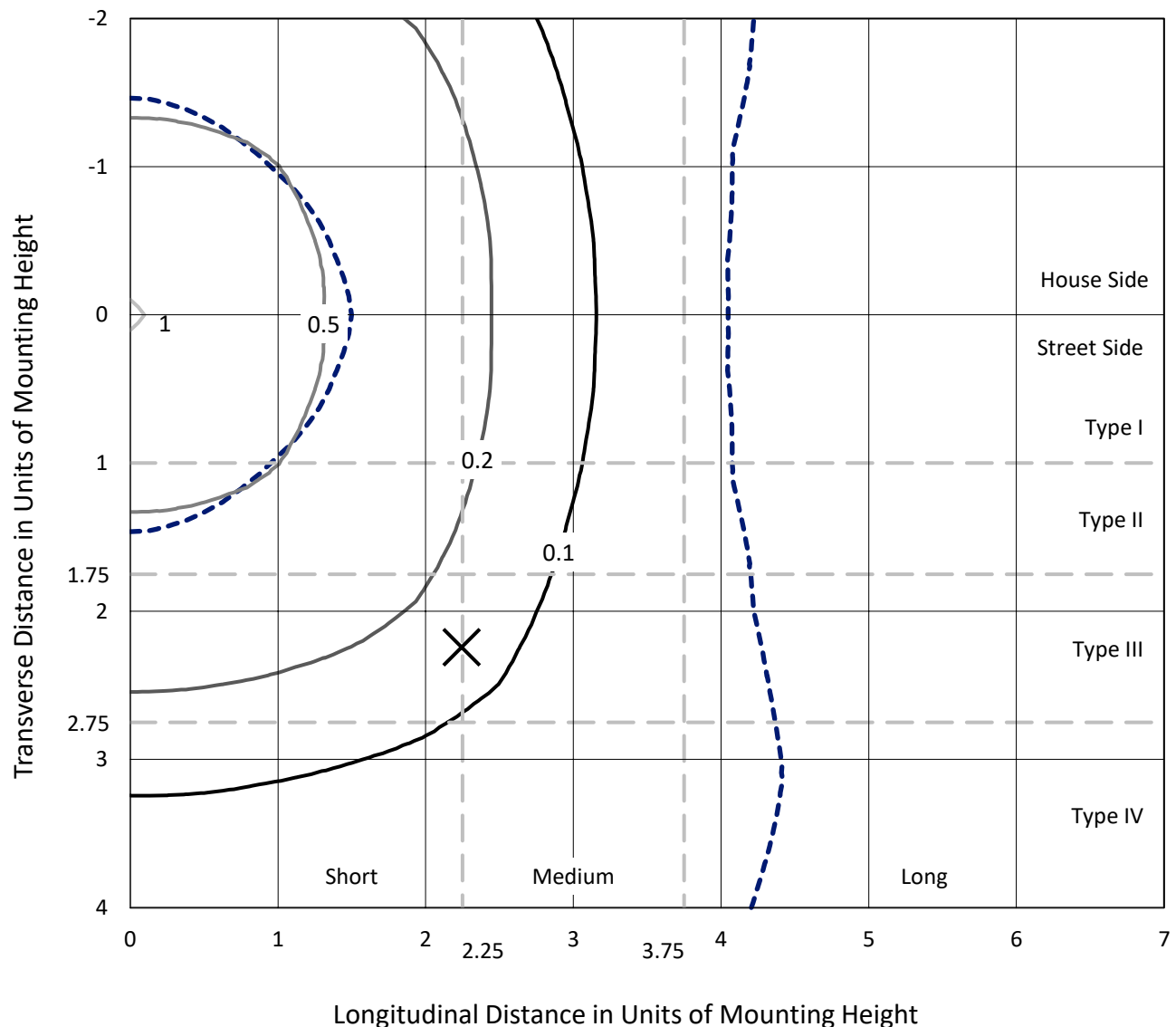
Input Watts (W): 24
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672454

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

Iso-Footcandle Lines of Horizontal Illumination

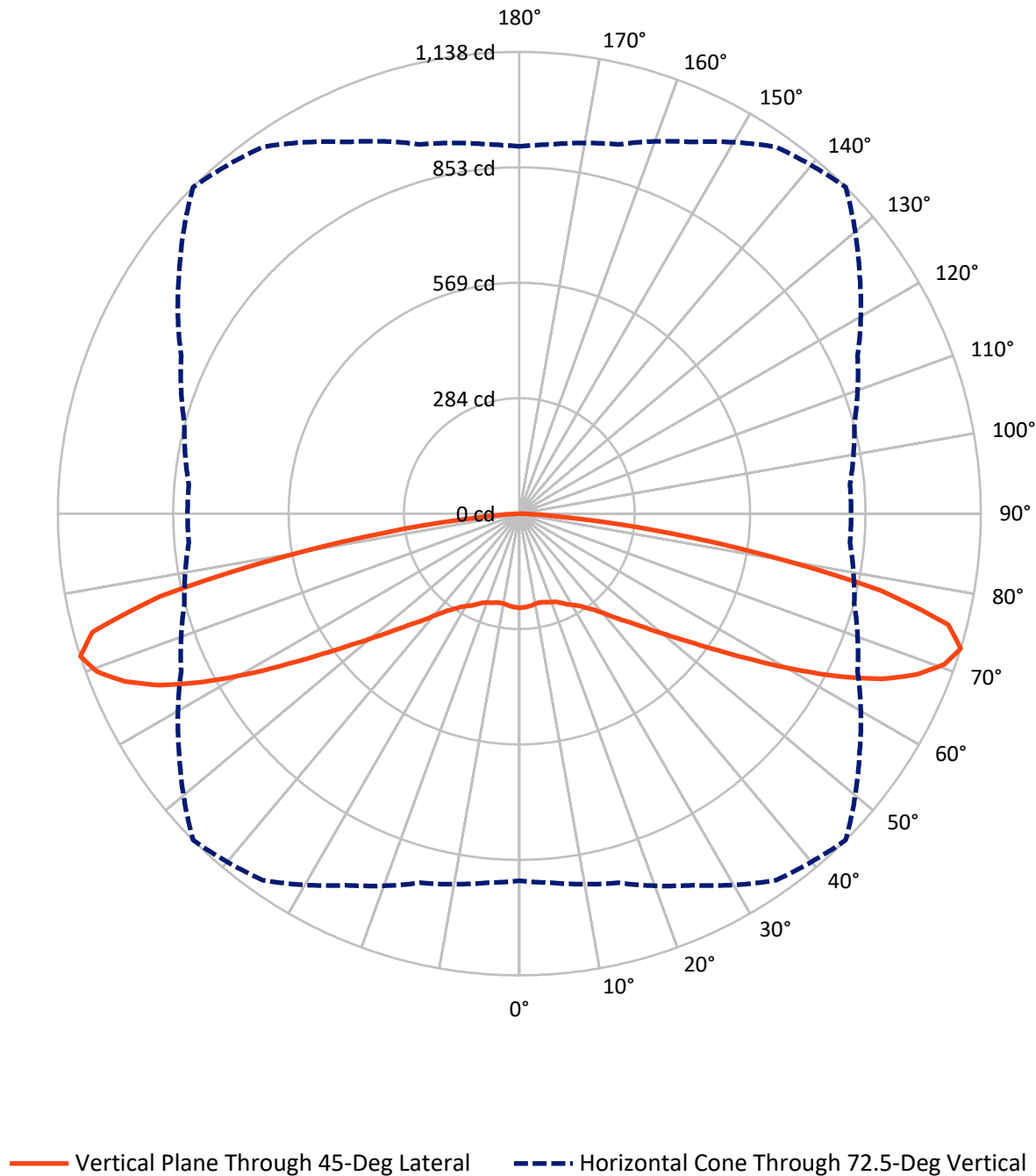
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1 fc
Type V - Short - N/A

REPORT NUMBER: P672454
CATALOG NUMBER: CCP-SA-1B-835-U-5WQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672454

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1491.3	0.0	1491.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1491.3	0.0	1491.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	2982.6	0.0	2982.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.8	0.7
10°-20°	64.8	2.2
20°-30°	113.8	3.8
30°-40°	181.6	6.1
40°-50°	303.6	10.2
50°-60°	519.5	17.4
60°-70°	857.6	28.8
70°-80°	822.0	27.6
80°-90°	98.0	3.3
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°	2982.6	100.0
0°-180°	2982.6	100.0

Coefficient of Utilization



REPORT NUMBER: P672454

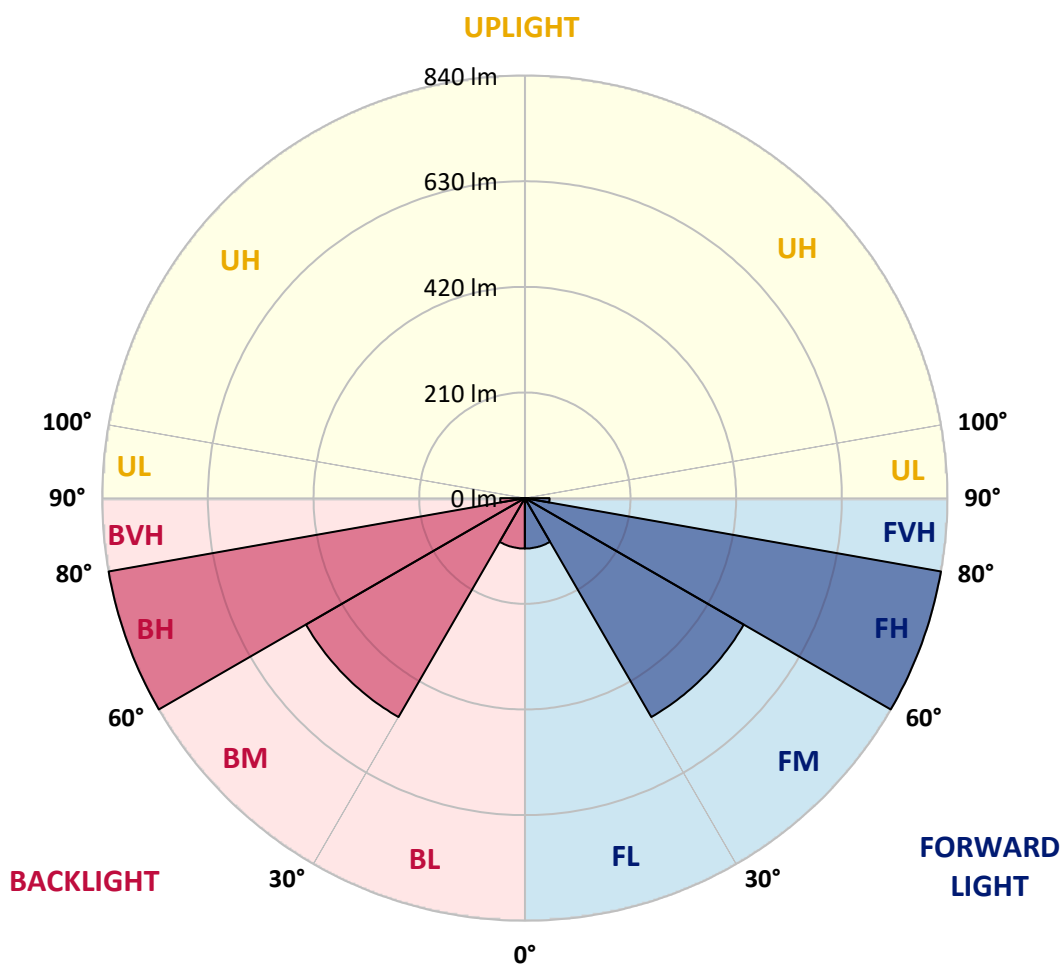
CATALOG NUMBER: CCP-SA-1B-835-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	100.2	3.4			
FM	(30°-60°)	502.3	16.8			
FH	(60°-80°)	839.8	28.2			G1/1800
FVH	(80°-90°)	49.0	1.6			G1/100
BL	(0°-30°)	100.2	3.4	B0/110		
BM	(30°-60°)	502.3	16.8	B1/1000		
BH	(60°-80°)	839.8	28.2	B2/1000		G1/1800
BVH	(80°-90°)	49.0	1.6			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: P672454

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

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	232.3	232.3	232.3	232.3	232.3	232.3	232.3	232.3	232.3	232.3	232.3
2.5°	230.8	230.8	231.4	231.6	231.4	231.2	231.0	230.8	231.4	231.2	231.4
5°	230.2	230.2	230.4	230.6	230.2	230.0	229.6	229.4	229.8	229.8	230.2
7.5°	228.5	228.3	228.5	228.7	228.1	227.9	227.3	227.3	227.3	227.1	227.5
10°	227.1	226.6	226.6	226.2	225.2	225.4	224.6	225.2	226.2	226.4	226.6
12.5°	227.7	227.3	226.9	225.8	224.4	224.6	224.4	225.0	226.4	227.3	227.9
15°	230.6	230.2	229.1	227.3	226.4	226.4	226.0	226.2	228.3	229.6	230.2
17.5°	233.7	232.9	231.0	229.8	228.9	229.6	228.1	227.9	229.6	231.4	232.1
20°	236.2	235.6	233.3	231.8	231.8	232.5	231.0	230.2	232.1	234.3	235.0
22.5°	240.6	240.2	237.9	236.4	236.4	236.6	235.8	235.2	237.3	239.5	240.2
25°	246.8	246.8	244.5	243.9	243.7	244.1	243.1	242.5	244.3	246.0	246.6
27.5°	254.1	253.5	251.6	251.2	252.0	253.5	251.6	250.0	251.4	252.9	253.1
30°	261.8	261.8	260.2	260.2	260.8	261.4	259.7	258.1	259.5	261.2	261.4
32.5°	272.6	272.0	271.4	271.6	271.4	270.6	269.7	269.5	270.8	271.8	272.2
35°	286.0	285.8	284.9	285.3	285.3	285.3	282.8	282.0	284.1	284.9	284.5
37.5°	306.6	306.4	304.3	303.0	301.6	300.9	297.8	297.6	302.6	305.1	304.7
40°	331.7	330.9	329.0	327.0	325.1	323.8	320.7	323.0	328.2	330.1	330.1
42.5°	359.2	358.2	356.1	355.1	353.8	352.6	348.4	349.4	355.7	357.6	355.5
45°	392.9	391.5	389.2	386.9	385.0	382.5	380.4	381.5	388.1	390.4	388.8
47.5°	428.7	428.3	426.4	424.6	422.9	421.2	418.5	420.4	426.2	425.8	422.5
50°	466.6	467.4	467.7	469.5	468.3	468.5	463.5	462.4	467.0	464.3	460.2
52.5°	507.4	508.7	513.0	516.8	523.6	524.5	518.2	511.6	510.7	503.7	499.3
55°	554.6	554.4	564.0	574.4	589.6	594.4	580.5	568.0	561.1	547.4	542.8
57.5°	608.1	607.5	622.1	640.4	667.9	679.7	654.1	630.4	613.8	597.3	592.5
60°	666.2	667.7	685.3	715.1	762.6	779.0	740.3	701.0	675.6	654.1	652.3
62.5°	734.0	734.3	755.1	795.4	857.0	883.5	830.2	776.9	744.7	721.1	716.1
65°	814.2	815.6	837.9	878.7	949.5	982.1	920.7	855.8	817.7	785.9	785.2
67.5°	896.4	895.6	915.9	959.2	1027.5	1057.7	993.4	920.9	871.4	831.7	826.5
70°	949.0	953.6	975.7	1017.1	1082.4	1111.8	1033.5	946.1	894.3	857.9	855.4
72.5°	904.7	913.2	941.8	1010.4	1103.0	1137.8	1024.0	920.1	854.8	818.1	818.1
75°	734.5	748.6	788.4	894.1	1031.9	1092.0	948.0	805.2	710.1	671.0	671.0
77.5°	447.5	461.0	514.7	643.7	833.3	910.3	772.8	606.5	496.4	448.5	442.3
80°	148.8	157.5	210.2	327.2	511.6	605.8	517.8	344.4	222.3	169.4	168.6
82.5°	39.5	43.1	59.9	94.9	222.1	328.2	236.8	113.6	65.1	50.6	46.6
85°	13.7	14.8	25.4	31.6	56.4	108.6	66.0	41.2	31.6	19.1	17.9
87.5°	4.0	4.4	10.2	11.0	16.2	12.7	17.9	16.4	15.0	6.2	5.6
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)