

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: P672455

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672455
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-835-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5WQ
distribution lens
Light Source: (16) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3904.7 lumens
Efficiency: N/A
Efficacy: 122.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

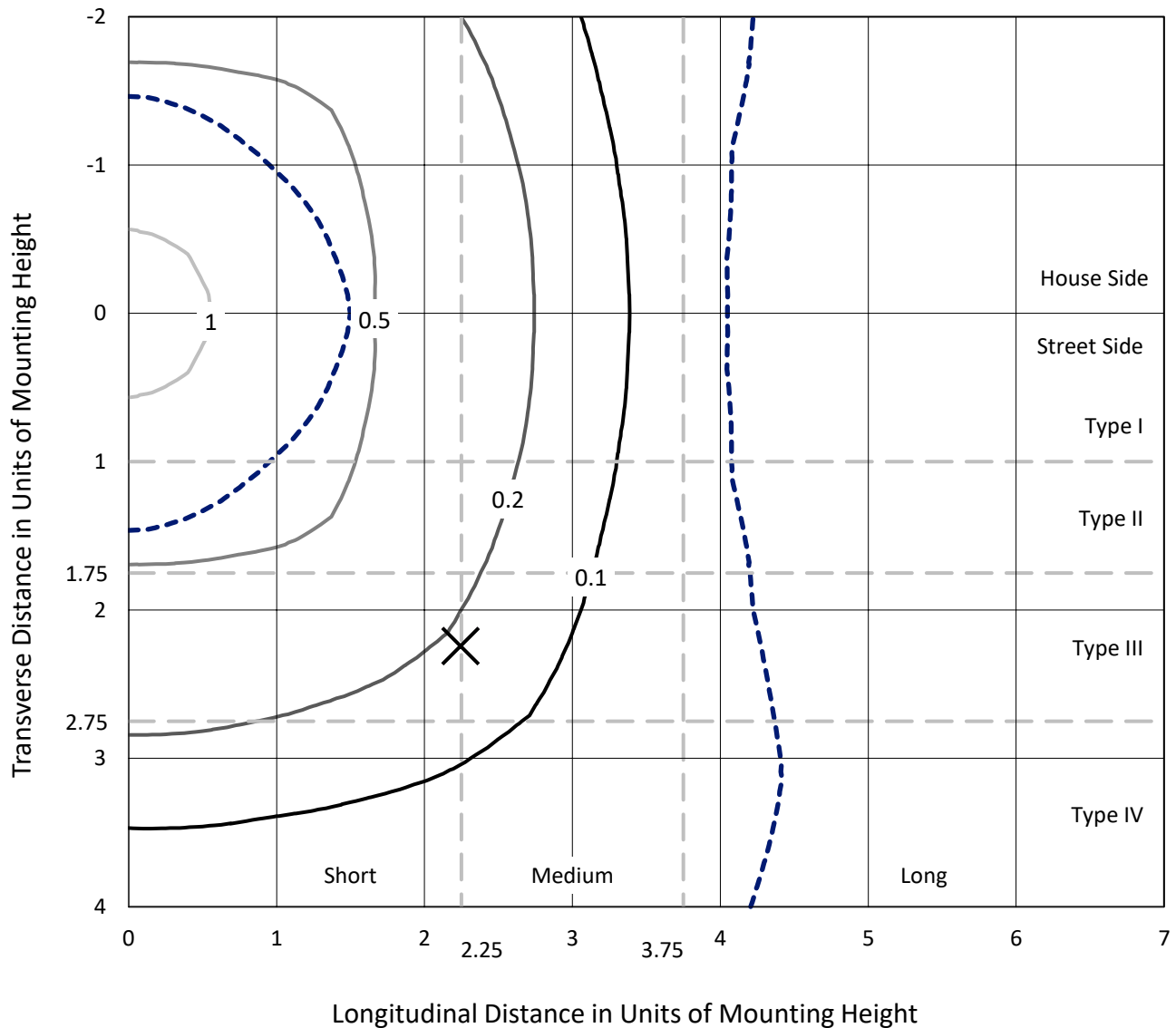
Input Watts (W): 32
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672455

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

Iso-Footcandle Lines of Horizontal Illumination

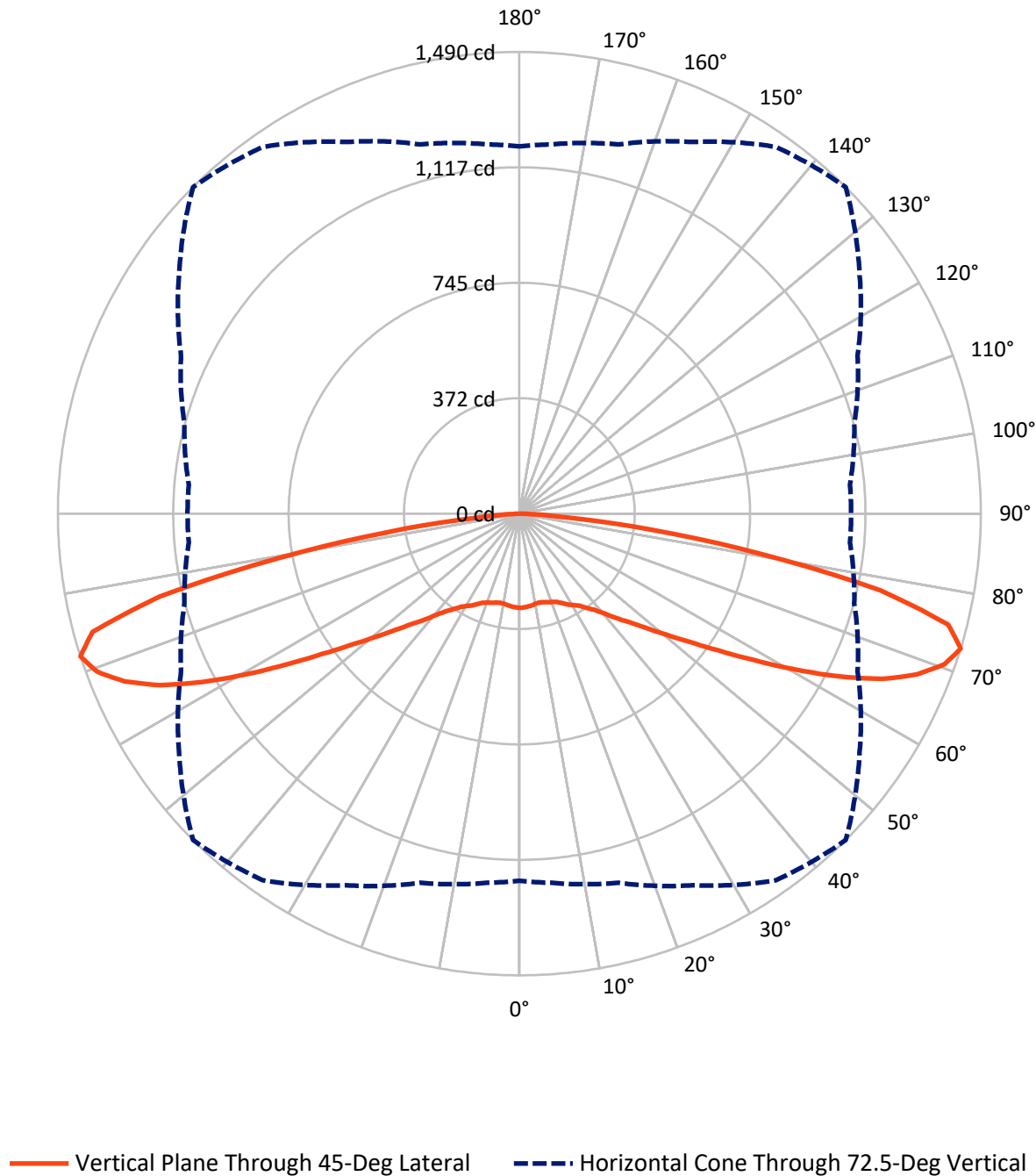
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.4 fc
Type V - Short - N/A

REPORT NUMBER: P672455
CATALOG NUMBER: CCP-SA-1C-835-U-5WQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672455

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

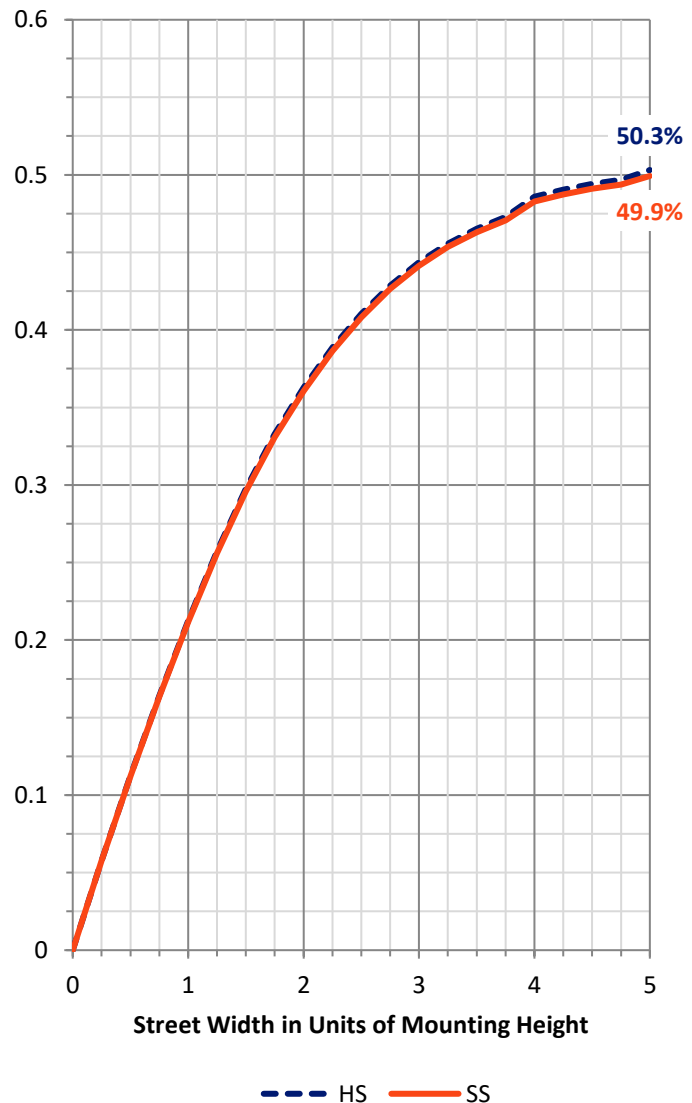
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1952.4	0.0	1952.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1952.4	0.0	1952.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	3904.7	0.0	3904.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.6	0.7
10°-20°	84.8	2.2
20°-30°	149.0	3.8
30°-40°	237.7	6.1
40°-50°	397.4	10.2
50°-60°	680.1	17.4
60°-70°	1122.7	28.8
70°-80°	1076.1	27.6
80°-90°	128.3	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°	3904.7	100.0
0°-180°	3904.7	100.0

Coefficient of Utilization



REPORT NUMBER: P672455

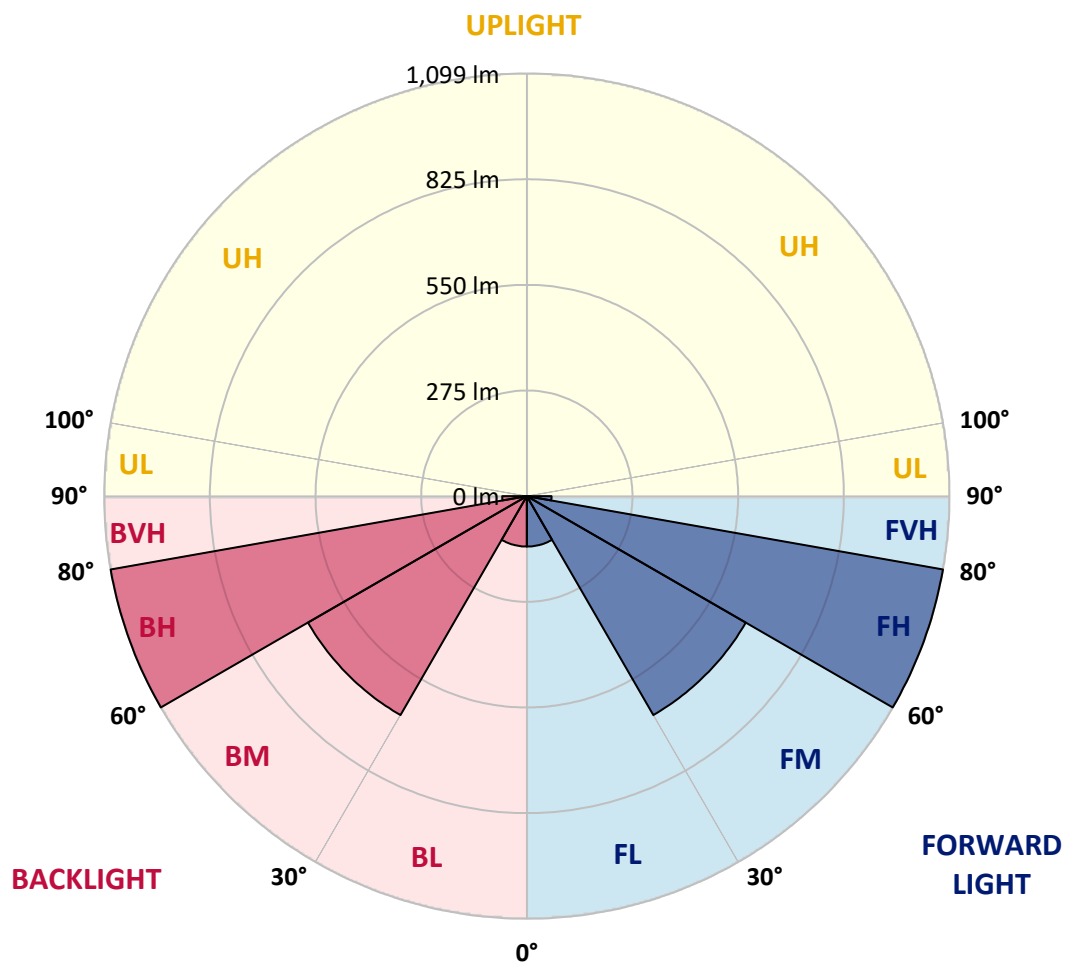
CATALOG NUMBER: CCP-SA-1C-835-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	131.2	3.4			
FM	(30°-60°)	657.6	16.8			
FH	(60°-80°)	1099.4	28.2			G1/1800
FVH	(80°-90°)	64.2	1.6			G1/100
BL	(0°-30°)	131.2	3.4	B1/500		
BM	(30°-60°)	657.6	16.8	B1/1000		
BH	(60°-80°)	1099.4	28.2	B3/2500		G1/1800
BVH	(80°-90°)	64.2	1.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short





REPORT NUMBER: P672455

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

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	304.1	304.1	304.1	304.1	304.1	304.1	304.1	304.1	304.1	304.1	304.1
2.5°	302.2	302.2	303.0	303.3	303.0	302.7	302.4	302.2	303.0	302.7	303.0
5°	301.3	301.3	301.6	301.9	301.3	301.1	300.5	300.3	300.8	300.8	301.3
7.5°	299.2	298.9	299.2	299.4	298.6	298.3	297.5	297.5	297.5	297.3	297.8
10°	297.3	296.7	296.7	296.2	294.8	295.1	294.0	294.8	296.2	296.4	296.7
12.5°	298.1	297.5	297.0	295.6	293.7	294.0	293.7	294.5	296.4	297.5	298.3
15°	301.9	301.3	300.0	297.5	296.4	296.4	295.9	296.2	298.9	300.5	301.3
17.5°	306.0	304.9	302.4	300.8	299.7	300.5	298.6	298.3	300.5	303.0	303.8
20°	309.2	308.4	305.4	303.5	303.5	304.3	302.4	301.3	303.8	306.8	307.6
22.5°	315.0	314.4	311.4	309.5	309.5	309.8	308.7	307.9	310.6	313.6	314.4
25°	323.1	323.1	320.1	319.3	319.1	319.6	318.2	317.4	319.9	322.1	322.9
27.5°	332.7	331.9	329.4	328.9	330.0	331.9	329.4	327.2	329.1	331.0	331.3
30°	342.8	342.8	340.6	340.6	341.4	342.2	340.0	337.9	339.8	341.9	342.2
32.5°	356.9	356.1	355.3	355.6	355.3	354.2	353.1	352.8	354.5	355.8	356.4
35°	374.4	374.1	373.0	373.5	373.5	373.5	370.3	369.2	371.9	373.0	372.5
37.5°	401.3	401.1	398.3	396.7	394.8	394.0	389.9	389.6	396.2	399.4	398.9
40°	434.3	433.2	430.8	428.0	425.6	424.0	419.9	422.9	429.7	432.1	432.1
42.5°	470.3	468.9	466.2	464.8	463.2	461.6	456.1	457.5	465.6	468.1	465.4
45°	514.4	512.5	509.5	506.5	504.1	500.8	498.1	499.4	508.1	511.1	509.0
47.5°	561.3	560.7	558.3	555.8	553.6	551.5	547.9	550.4	558.0	557.5	553.1
50°	610.9	611.9	612.2	614.7	613.0	613.3	606.8	605.4	611.4	607.9	602.4
52.5°	664.3	665.9	671.6	676.5	685.5	686.6	678.4	669.7	668.6	659.4	653.6
55°	726.1	725.8	738.4	752.0	771.9	778.2	759.9	743.5	734.6	716.6	710.6
57.5°	796.1	795.3	814.4	838.4	874.3	889.9	856.3	825.3	803.5	782.0	775.7
60°	872.2	874.1	897.2	936.2	998.3	1019.8	969.1	917.7	884.4	856.3	853.9
62.5°	961.0	961.2	988.5	1041.3	1122.0	1156.6	1086.9	1017.1	974.9	944.1	937.5
65°	1065.9	1067.8	1096.9	1150.3	1243.0	1285.7	1205.4	1120.4	1070.5	1028.8	1028.0
67.5°	1173.5	1172.4	1199.1	1255.8	1345.1	1384.7	1300.5	1205.6	1140.8	1088.8	1081.9
70°	1242.4	1248.4	1277.3	1331.5	1417.1	1455.5	1353.0	1238.6	1170.8	1123.1	1119.8
72.5°	1184.4	1195.6	1232.9	1322.8	1444.0	1489.5	1340.5	1204.6	1119.0	1071.0	1071.0
75°	961.5	980.0	1032.1	1170.5	1350.9	1429.6	1241.1	1054.2	929.6	878.4	878.4
77.5°	585.8	603.5	673.8	842.7	1090.9	1191.7	1011.7	794.0	649.8	587.2	579.0
80°	194.8	206.3	275.2	428.3	669.7	793.1	677.9	450.9	291.0	221.8	220.7
82.5°	51.8	56.4	78.5	124.2	290.7	429.7	310.1	148.8	85.3	66.2	61.0
85°	18.0	19.3	33.2	41.4	73.8	142.2	86.4	53.9	41.4	25.1	23.4
87.5°	5.2	5.7	13.4	14.4	21.3	16.6	23.4	21.5	19.6	8.2	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)