

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: P672676

Luminaire Tested: **CCP-SA-1B-735-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672676
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1B-735-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5NQ
distribution lens
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3544.6 lumens
Efficiency: N/A
Efficacy: 147.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

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

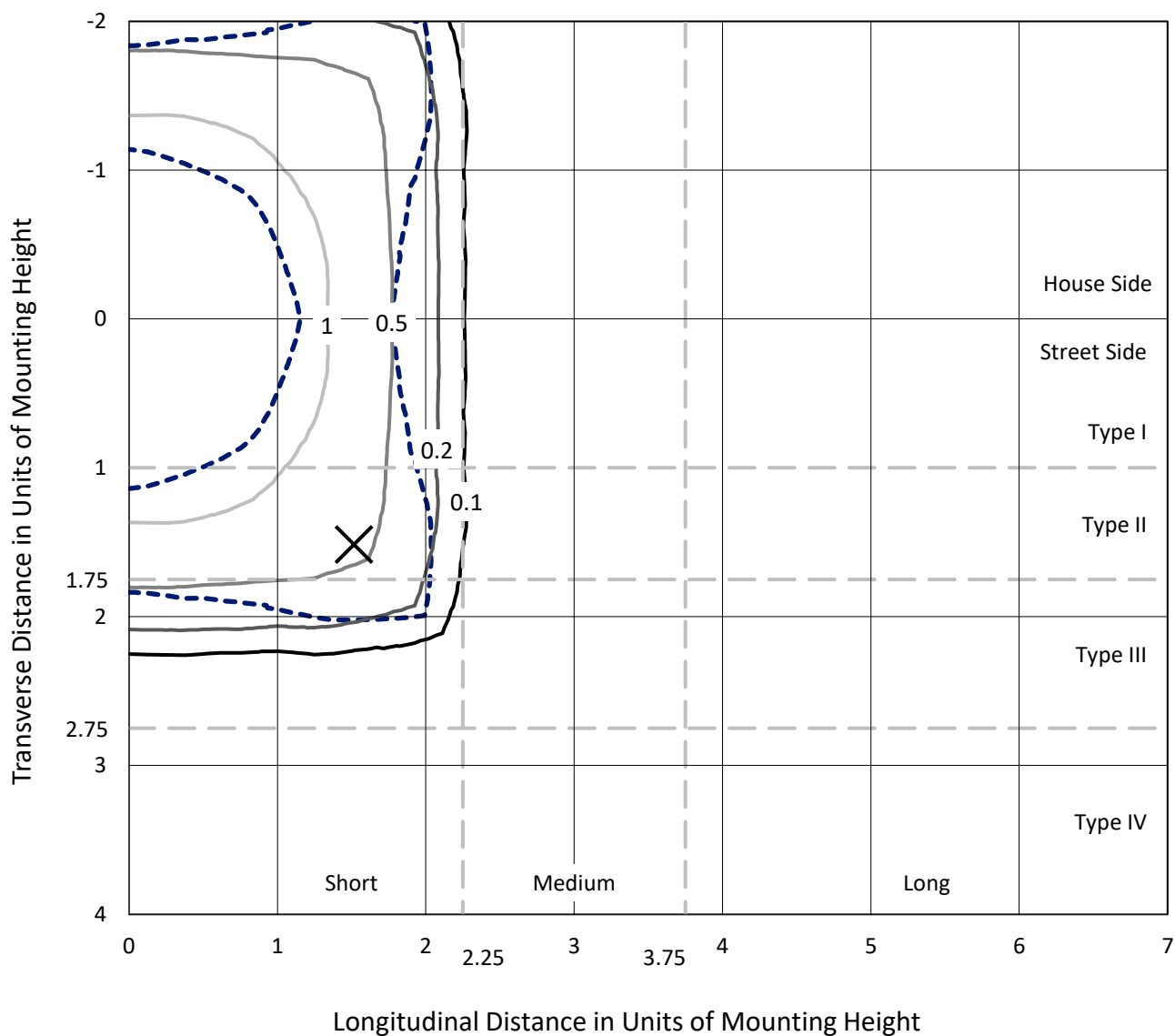
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

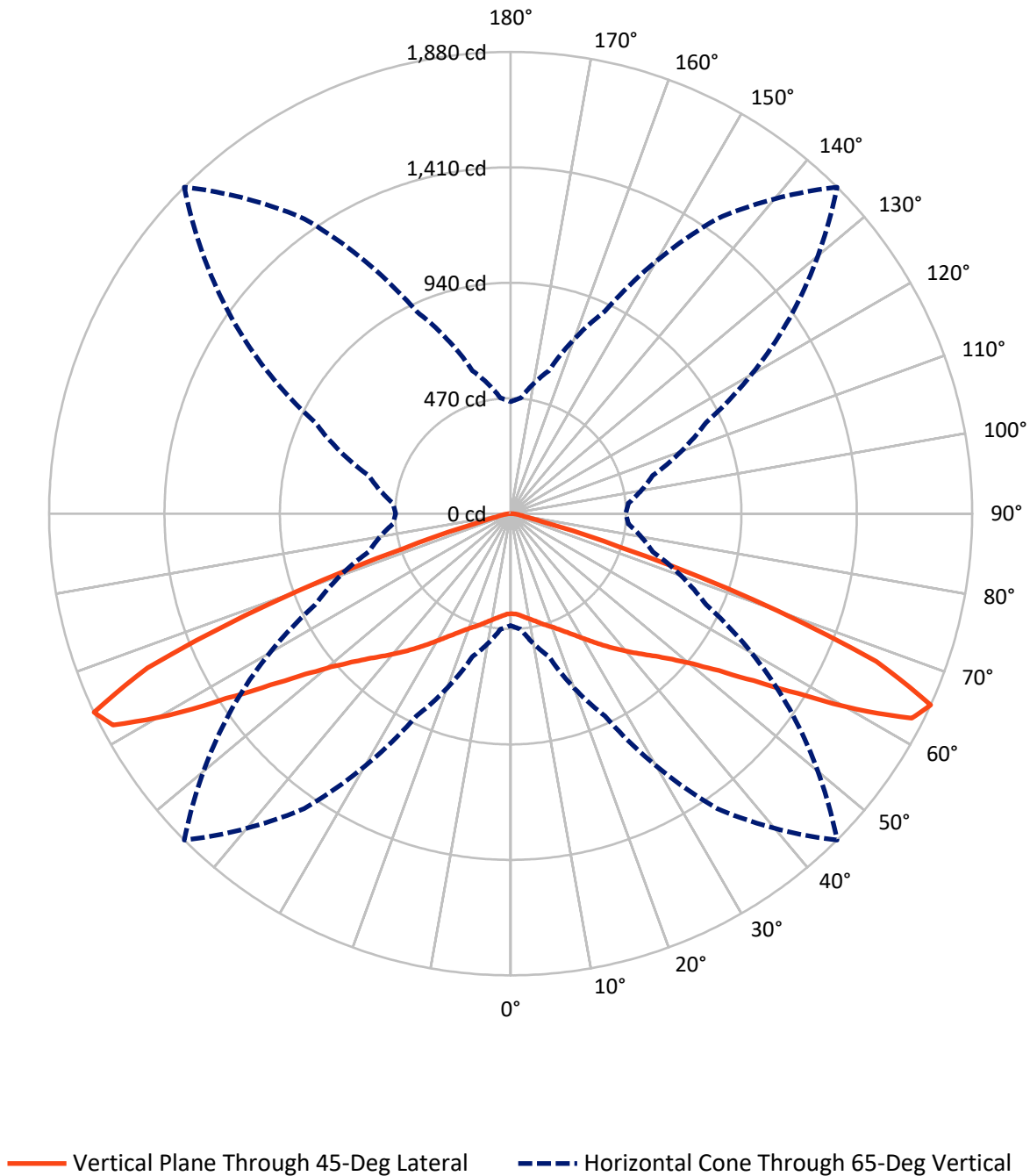


Based on 15 foot mounting height. Maximum calculated value = 1.9 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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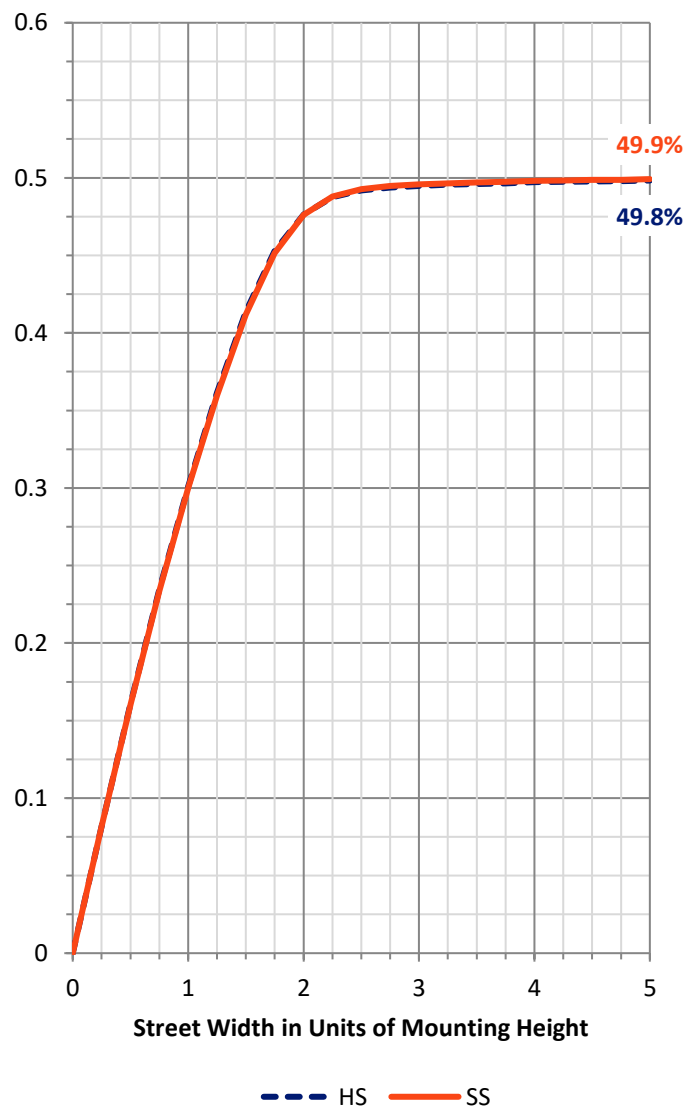
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1772.3	0.0	1772.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1772.3	0.0	1772.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	3544.6	0.0	3544.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.4	1.1
10°-20°	131.8	3.7
20°-30°	249.9	7.1
30°-40°	419.2	11.8
40°-50°	663.3	18.7
50°-60°	1042.0	29.4
60°-70°	880.4	24.8
70°-80°	102.5	2.9
80°-90°	15.3	0.4
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°	3544.6	100.0
0°-180°	3544.6	100.0

Coefficient of Utilization



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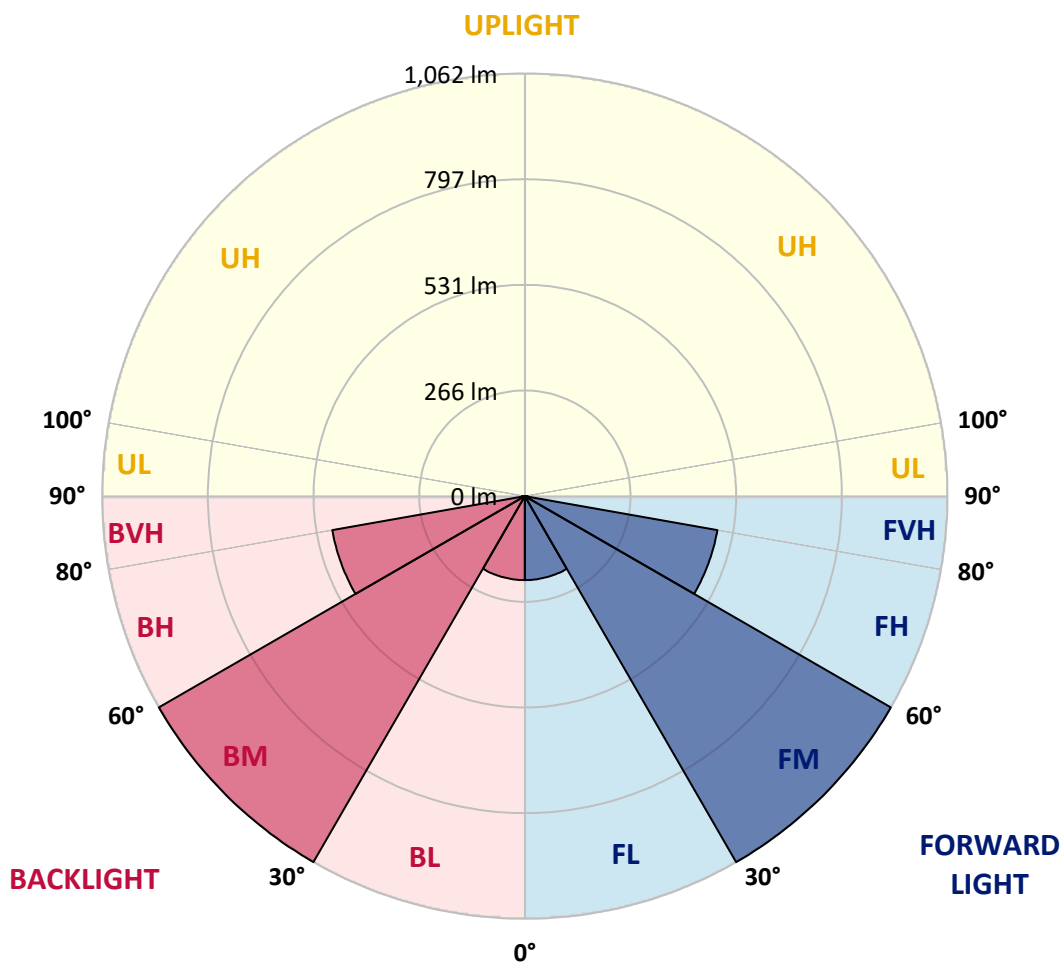
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	211.0	6.0			
FM	(30°-60°)	1062.2	30.0			
FH	(60°-80°)	491.5	13.9			G0/660
FVH	(80°-90°)	7.6	0.2			G0/10
BL	(0°-30°)	211.0	6.0	B1/500		
BM	(30°-60°)	1062.2	30.0	B2/2500		
BH	(60°-80°)	491.5	13.9	B1/500		G0/660
BVH	(80°-90°)	7.6	0.2			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	407.6	407.6	407.6	407.6	407.6	407.6	407.6	407.6	407.6	407.6	407.6
2.5°	409.8	408.6	409.8	409.8	409.1	409.3	408.3	408.1	409.3	408.3	408.1
5°	418.3	417.3	418.3	417.5	416.3	416.5	415.0	414.5	416.0	414.5	414.8
7.5°	428.0	426.3	426.8	427.5	426.3	426.3	425.0	424.3	425.0	423.5	424.5
10°	436.2	434.7	435.5	436.5	436.2	437.0	435.7	435.2	434.5	432.7	434.2
12.5°	446.9	446.4	447.4	448.7	448.2	449.2	446.4	445.7	445.4	443.4	445.2
15°	460.9	459.6	461.4	462.9	462.1	463.9	461.6	460.6	459.4	456.9	458.4
17.5°	474.8	473.8	476.3	477.1	477.3	478.8	477.1	475.6	475.1	473.3	472.3
20°	491.5	490.3	492.3	493.8	492.5	494.3	493.5	492.5	492.0	489.3	489.0
22.5°	510.2	508.5	511.5	513.2	511.5	513.2	511.7	511.5	511.7	507.7	508.2
25°	531.1	531.4	534.4	535.6	534.6	535.6	533.4	534.9	534.1	529.9	528.4
27.5°	558.0	557.0	560.3	564.0	561.5	561.5	560.5	562.0	561.8	557.8	556.8
30°	589.4	589.2	593.9	596.2	592.7	591.2	590.9	594.7	594.9	590.7	588.9
32.5°	622.3	622.3	628.1	630.8	625.8	624.8	623.8	628.8	628.1	622.3	618.6
35°	658.4	656.9	664.7	668.7	663.7	660.7	660.2	664.7	663.7	655.7	651.2
37.5°	694.1	695.1	704.0	708.5	702.5	698.8	700.0	703.0	703.3	694.6	689.8
40°	737.7	737.9	749.1	752.6	744.9	739.2	740.9	747.6	747.1	736.4	730.4
42.5°	786.5	785.5	799.5	802.4	792.0	781.0	786.2	796.7	799.2	787.2	781.0
45°	838.8	840.3	854.8	858.0	841.6	827.6	838.8	854.5	857.7	844.8	837.1
47.5°	902.3	904.1	921.5	922.8	904.1	885.9	900.8	921.3	922.5	904.6	895.6
50°	974.8	980.8	1000.2	1002.7	984.3	960.9	982.3	1000.5	995.8	971.8	963.6
52.5°	1057.0	1061.8	1092.2	1102.6	1086.4	1061.3	1078.5	1089.7	1074.5	1043.1	1030.4
55°	1127.1	1135.0	1175.4	1207.3	1219.5	1200.5	1198.6	1182.1	1139.8	1091.9	1078.7
57.5°	1146.7	1154.5	1217.0	1299.2	1371.7	1381.2	1337.3	1254.9	1163.7	1089.9	1076.5
60°	1066.8	1077.2	1168.7	1324.4	1532.4	1618.1	1459.6	1261.1	1101.6	1002.7	985.8
62.5°	837.8	857.2	975.3	1219.5	1597.2	1833.8	1510.0	1153.7	914.5	797.7	775.3
65°	455.7	472.3	602.6	908.8	1465.9	1879.9	1386.6	878.4	598.2	480.8	468.6
67.5°	170.9	183.1	242.9	449.2	1036.4	1607.1	1052.6	503.0	271.5	194.8	177.6
70°	72.7	74.2	87.9	156.5	471.1	1045.6	538.9	170.9	90.7	73.2	71.3
72.5°	52.3	52.6	56.3	69.3	143.5	458.6	162.9	71.7	55.3	49.8	49.8
75°	41.9	42.1	44.3	50.1	67.8	135.0	70.3	50.3	42.8	39.1	38.6
77.5°	32.9	33.4	35.6	39.1	45.3	61.8	47.6	39.6	34.4	30.9	30.4
80°	24.4	25.2	28.2	29.9	31.9	41.1	34.6	30.9	27.4	23.7	22.9
82.5°	16.2	16.9	20.9	22.2	21.9	25.9	23.9	23.7	20.9	15.7	14.9
85°	9.7	10.2	13.5	14.4	13.5	12.7	15.2	16.4	14.7	10.2	9.5
87.5°	4.2	4.2	6.0	6.2	6.0	4.7	7.2	8.5	8.7	5.2	4.7
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)