

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: P672399

Luminaire Tested: **CCP-SA-1B-740-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672399
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1B-740-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5WQ
distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3619.7 lumens
Efficiency: N/A
Efficacy: 150.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

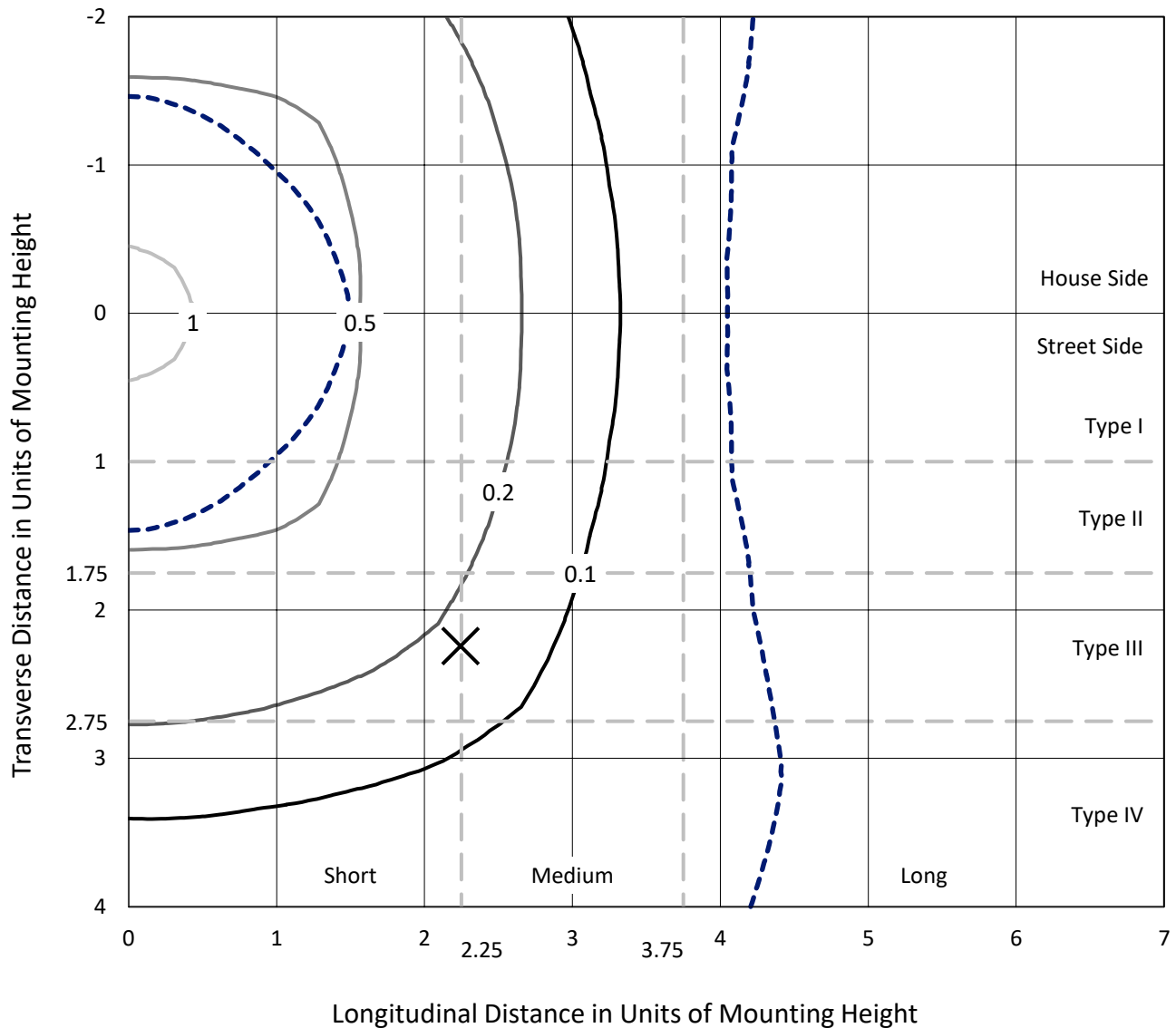
Input Watts (W): 24
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

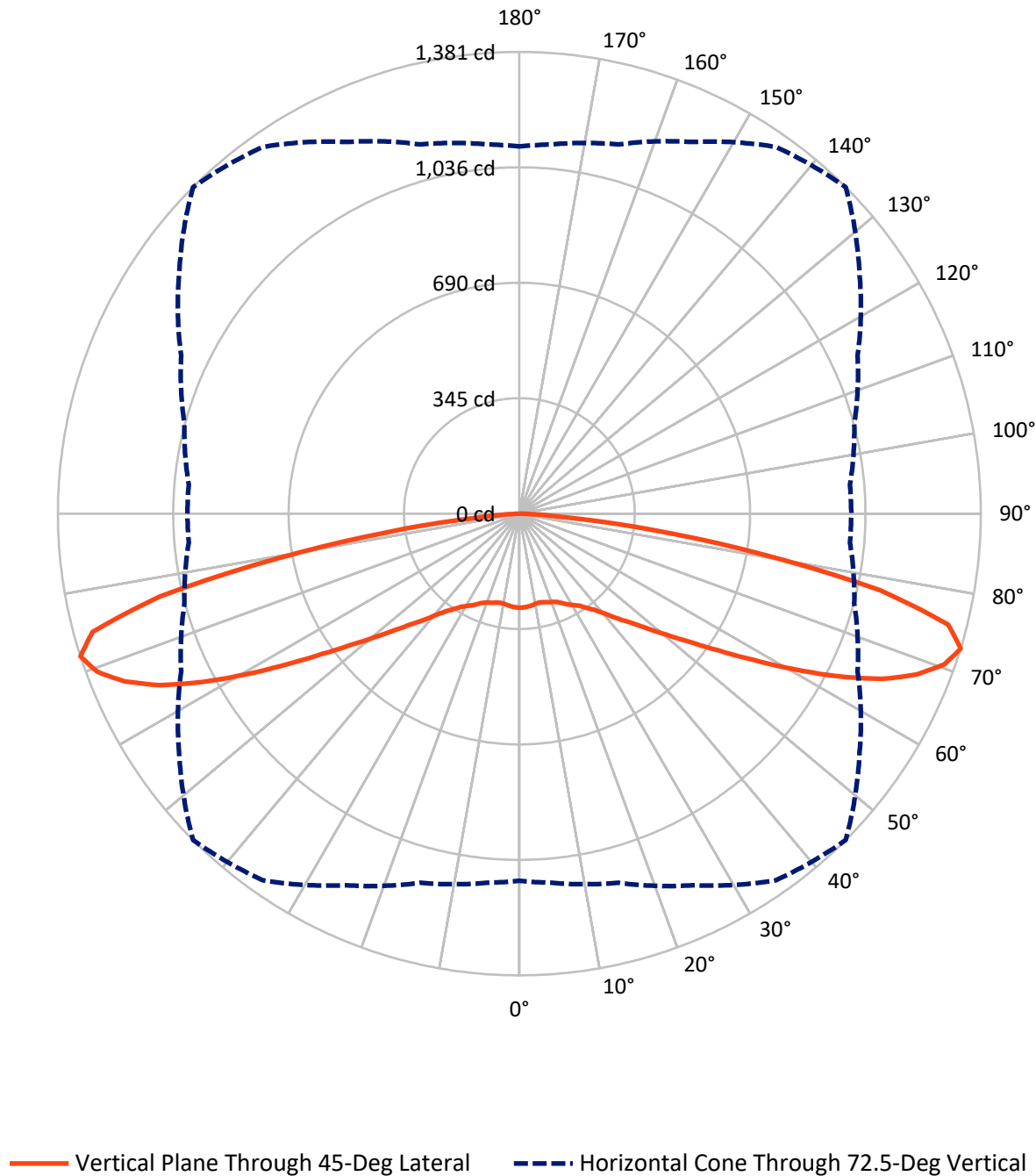
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.3 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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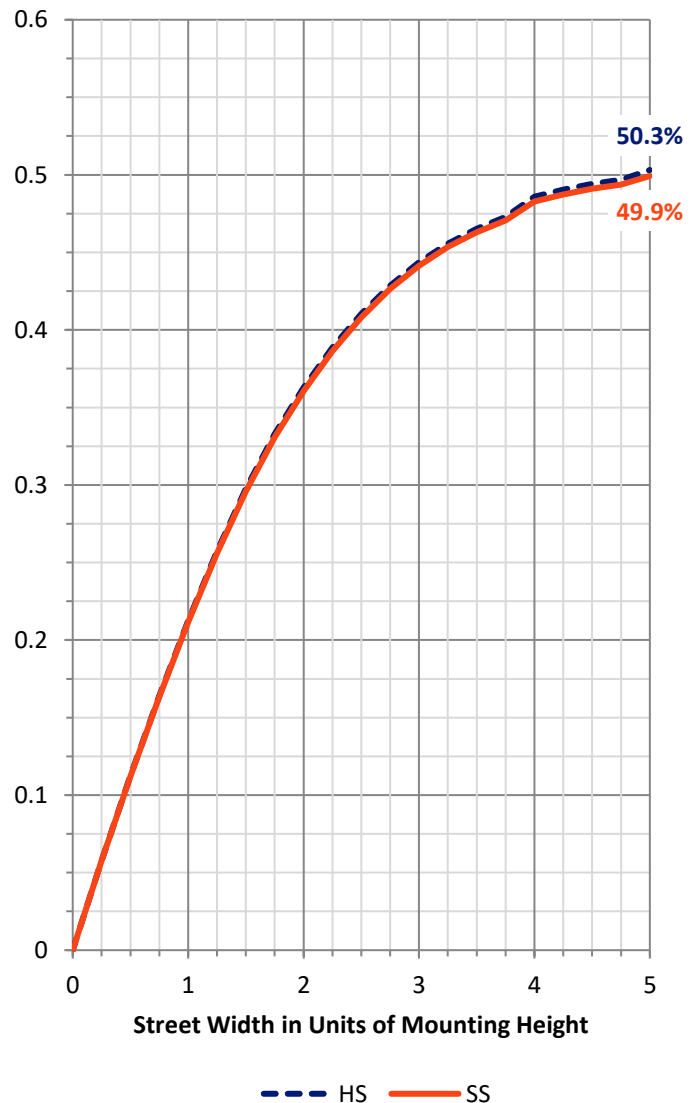
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1809.9	0.0	1809.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1809.9	0.0	1809.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	3619.7	0.0	3619.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.5	0.7
10°-20°	78.6	2.2
20°-30°	138.1	3.8
30°-40°	220.3	6.1
40°-50°	368.4	10.2
50°-60°	630.5	17.4
60°-70°	1040.8	28.8
70°-80°	997.6	27.6
80°-90°	119.0	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°	3619.7	100.0
0°-180°	3619.7	100.0

Coefficient of Utilization



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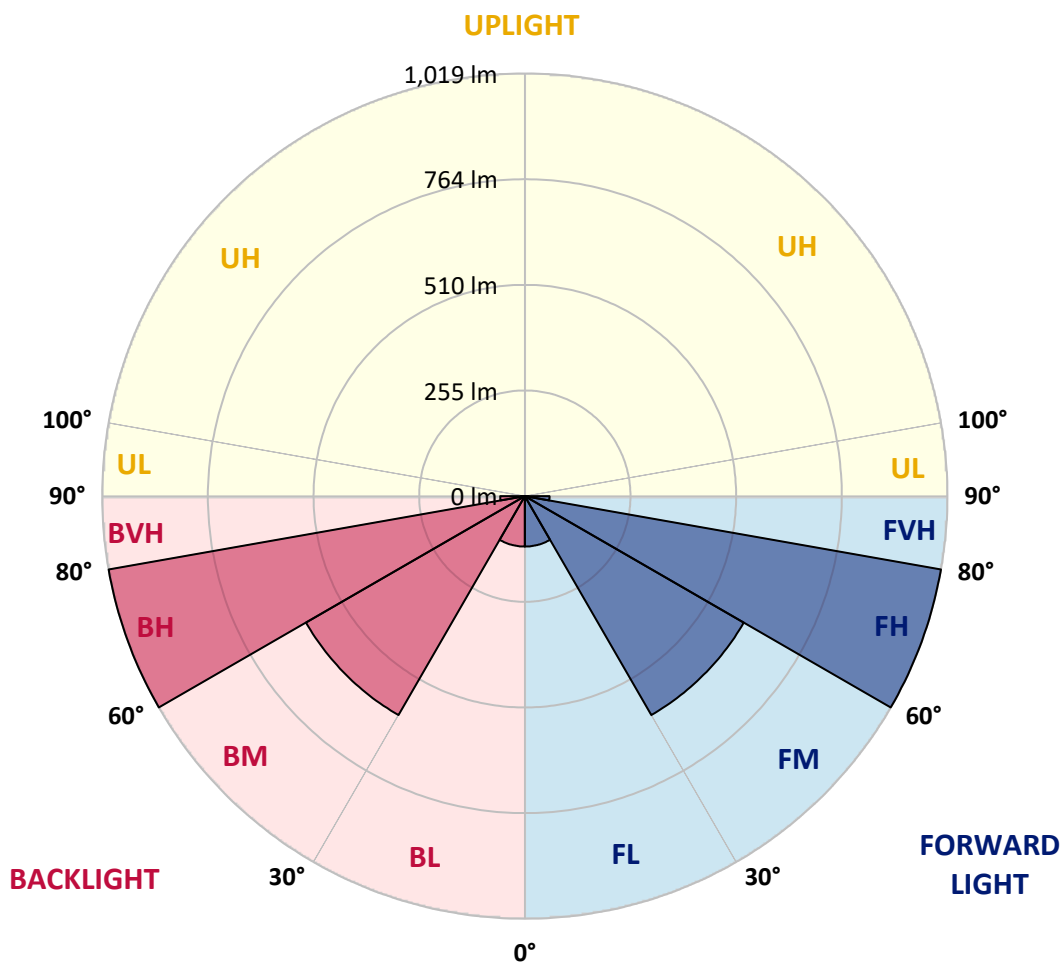
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	121.6	3.4			
FM	(30°-60°)	609.6	16.8			
FH	(60°-80°)	1019.2	28.2			G1/1800
FVH	(80°-90°)	59.5	1.6			G1/100
BL	(0°-30°)	121.6	3.4	B1/500		
BM	(30°-60°)	609.6	16.8	B1/1000		
BH	(60°-80°)	1019.2	28.2	B3/2500		G1/1800
BVH	(80°-90°)	59.5	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	281.9	281.9	281.9	281.9	281.9	281.9	281.9	281.9	281.9	281.9	281.9
2.5°	280.1	280.1	280.9	281.1	280.9	280.6	280.4	280.1	280.9	280.6	280.9
5°	279.3	279.3	279.6	279.9	279.3	279.1	278.6	278.3	278.8	278.8	279.3
7.5°	277.3	277.1	277.3	277.6	276.8	276.6	275.8	275.8	275.8	275.6	276.1
10°	275.6	275.1	275.1	274.5	273.3	273.5	272.5	273.3	274.5	274.8	275.1
12.5°	276.3	275.8	275.3	274.0	272.3	272.5	272.3	273.0	274.8	275.8	276.6
15°	279.9	279.3	278.1	275.8	274.8	274.8	274.3	274.5	277.1	278.6	279.3
17.5°	283.6	282.6	280.4	278.8	277.8	278.6	276.8	276.6	278.6	280.9	281.6
20°	286.7	285.9	283.1	281.4	281.4	282.1	280.4	279.3	281.6	284.4	285.2
22.5°	292.0	291.5	288.7	286.9	286.9	287.2	286.2	285.4	287.9	290.7	291.5
25°	299.6	299.6	296.8	296.0	295.8	296.3	295.0	294.3	296.5	298.5	299.3
27.5°	308.4	307.6	305.4	304.9	305.9	307.6	305.4	303.3	305.1	306.9	307.1
30°	317.7	317.7	315.7	315.7	316.5	317.2	315.2	313.2	315.0	317.0	317.2
32.5°	330.9	330.1	329.4	329.6	329.4	328.3	327.3	327.1	328.6	329.9	330.4
35°	347.0	346.8	345.8	346.3	346.3	346.3	343.3	342.2	344.8	345.8	345.3
37.5°	372.0	371.8	369.3	367.8	366.0	365.2	361.4	361.2	367.2	370.3	369.8
40°	402.6	401.6	399.3	396.8	394.5	393.0	389.2	392.0	398.3	400.6	400.6
42.5°	435.9	434.7	432.2	430.9	429.4	427.9	422.8	424.1	431.7	433.9	431.4
45°	476.9	475.1	472.3	469.5	467.3	464.2	461.7	463.0	471.1	473.8	471.8
47.5°	520.3	519.8	517.5	515.3	513.2	511.2	507.9	510.2	517.3	516.8	512.7
50°	566.3	567.3	567.5	569.8	568.3	568.5	562.5	561.2	566.8	563.5	558.4
52.5°	615.8	617.3	622.6	627.1	635.5	636.5	628.9	620.8	619.8	611.2	605.9
55°	673.1	672.9	684.5	697.1	715.5	721.4	704.4	689.3	680.9	664.3	658.7
57.5°	738.0	737.3	754.9	777.2	810.5	824.9	793.8	765.1	744.8	724.9	719.1
60°	808.5	810.3	831.7	867.8	925.4	945.4	898.4	850.7	819.9	793.8	791.6
62.5°	890.8	891.1	916.3	965.3	1040.1	1072.2	1007.5	942.9	903.7	875.2	869.1
65°	988.1	989.8	1016.9	1066.4	1152.3	1191.9	1117.4	1038.6	992.4	953.7	953.0
67.5°	1087.8	1086.8	1111.6	1164.1	1247.0	1283.6	1205.5	1117.6	1057.5	1009.3	1003.0
70°	1151.7	1157.3	1184.1	1234.3	1313.6	1349.3	1254.3	1148.2	1085.3	1041.1	1038.1
72.5°	1097.9	1108.3	1142.9	1226.3	1338.7	1380.8	1242.7	1116.6	1037.3	992.9	992.9
75°	891.3	908.5	956.8	1085.1	1252.3	1325.3	1150.5	977.2	861.8	814.3	814.3
77.5°	543.0	559.5	624.6	781.2	1011.3	1104.8	937.8	736.0	602.4	544.3	536.7
80°	180.6	191.2	255.1	397.0	620.8	735.2	628.4	418.0	269.8	205.6	204.6
82.5°	48.0	52.3	72.7	115.2	269.5	398.3	287.4	137.9	79.1	61.4	56.6
85°	16.7	17.9	30.8	38.4	68.4	131.8	80.1	50.0	38.4	23.2	21.7
87.5°	4.8	5.3	12.4	13.4	19.7	15.4	21.7	20.0	18.2	7.6	6.8
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)