

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: P672395

Luminaire Tested: **CCP-SA-2C-735-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672395
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-735-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5WQ
distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9346.6 lumens
Efficiency: N/A
Efficacy: 150.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G2

Input Watts (W): 62.1
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

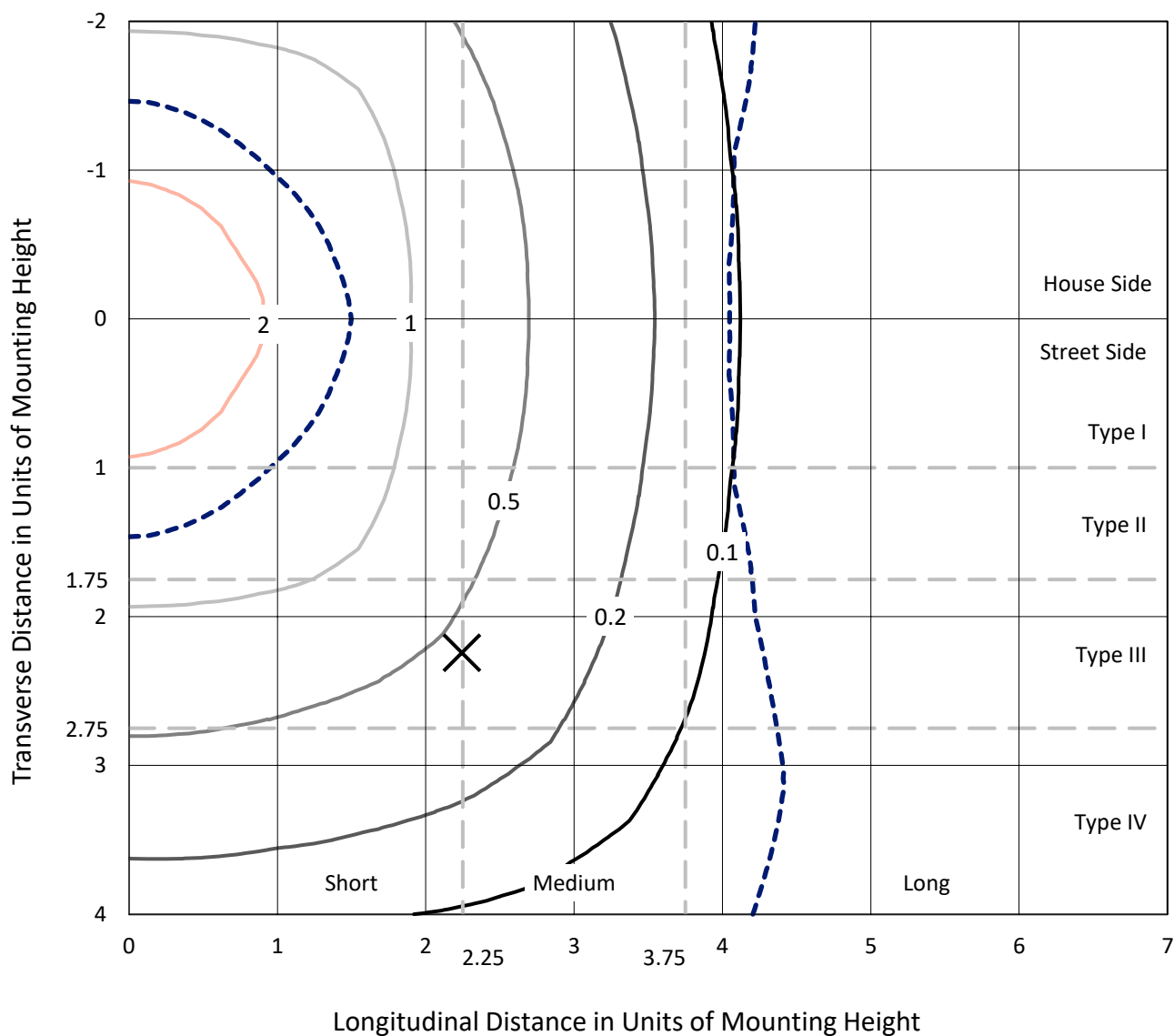
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

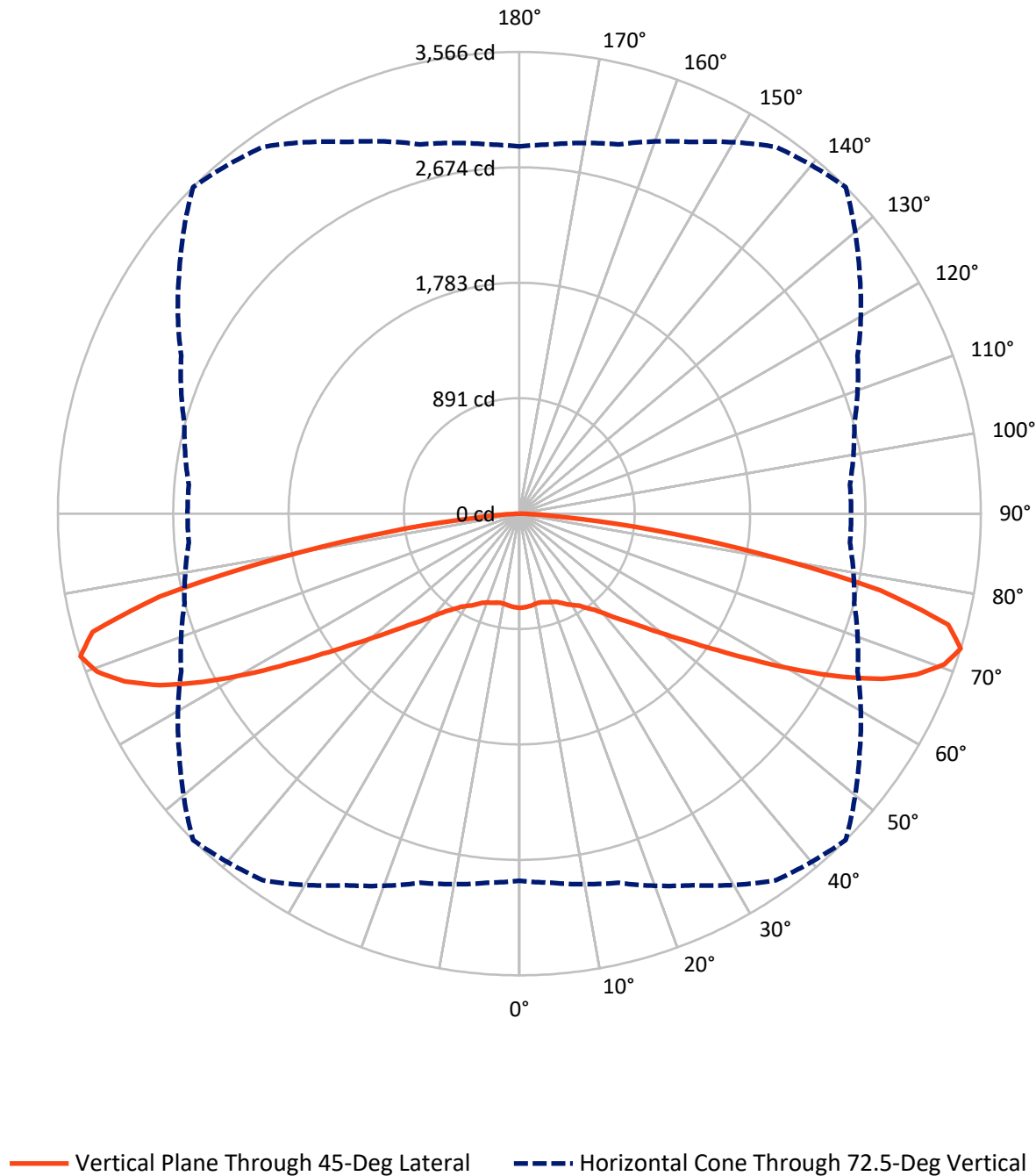


Based on 15 foot mounting height. Maximum calculated value = 3.2 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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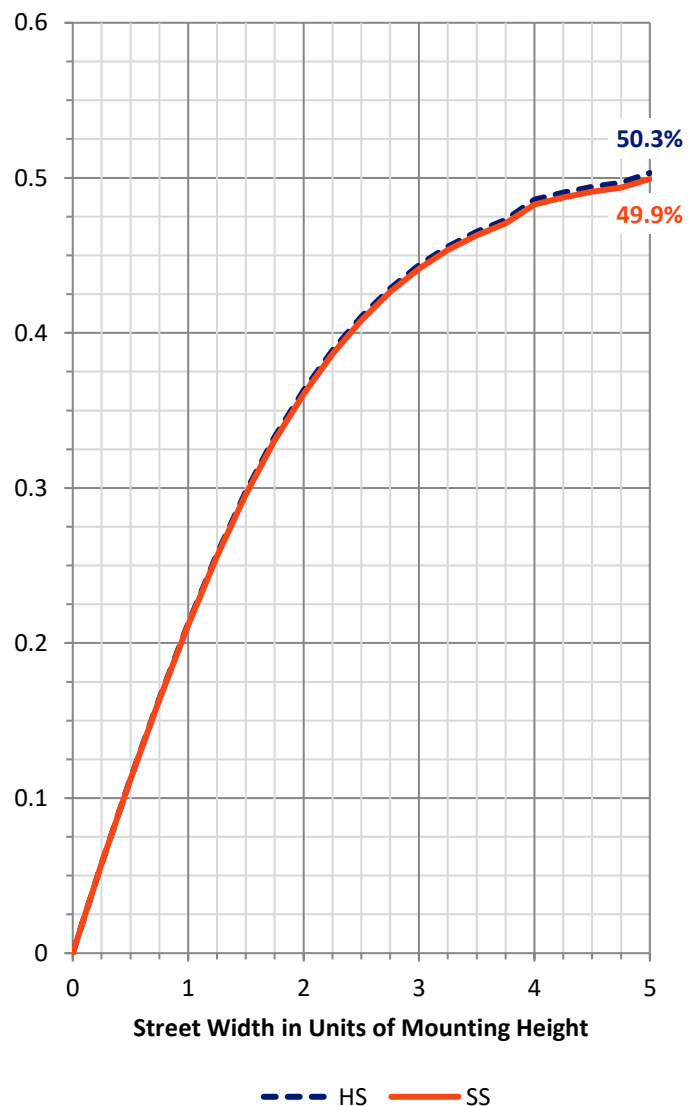
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4673.3	0.0	4673.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4673.3	0.0	4673.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	9346.6	0.0	9346.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.4	0.7
10°-20°	203.0	2.2
20°-30°	356.6	3.8
30°-40°	568.9	6.1
40°-50°	951.3	10.2
50°-60°	1627.9	17.4
60°-70°	2687.5	28.8
70°-80°	2575.8	27.6
80°-90°	307.2	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°	9346.6	100.0
0°-180°	9346.6	100.0

Coefficient of Utilization



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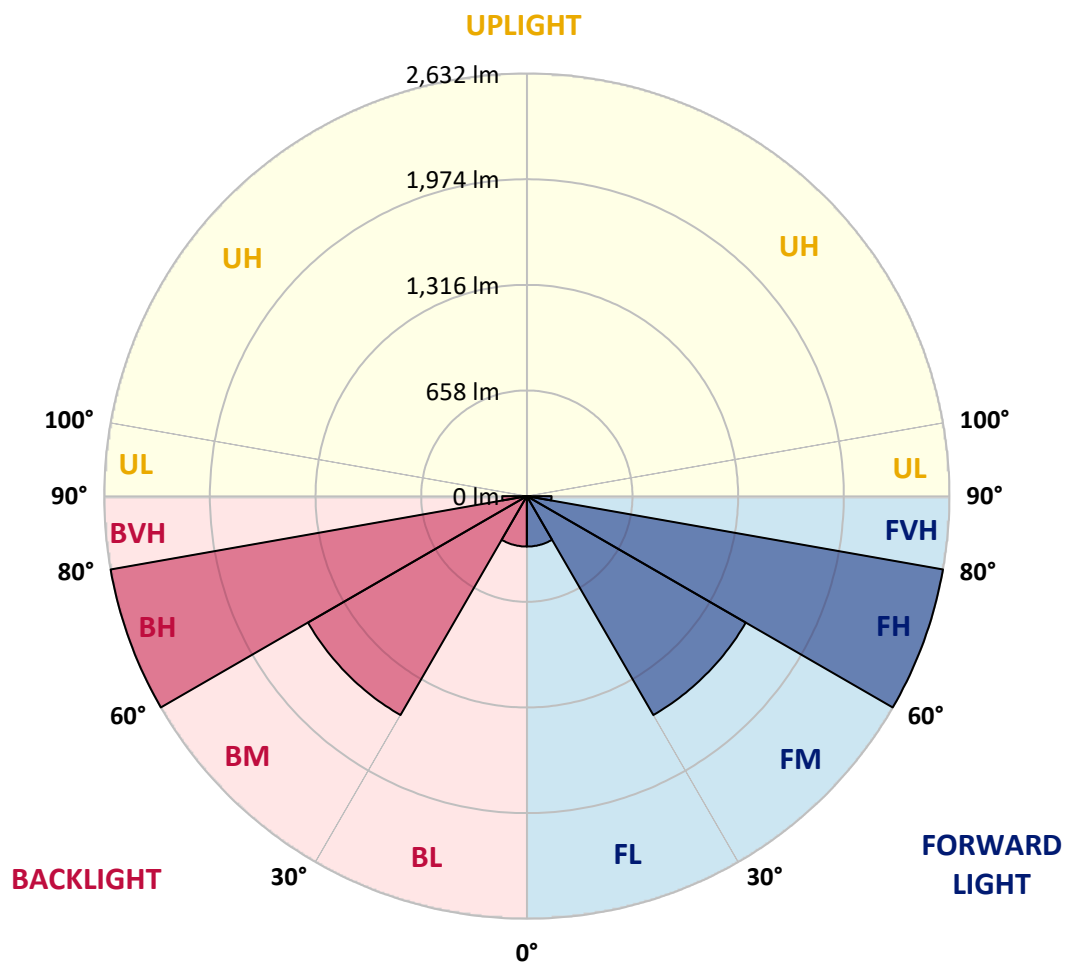
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	314.0	3.4			
FM	(30°-60°)	1574.1	16.8			
FH	(60°-80°)	2631.6	28.2			G2/5000
FVH	(80°-90°)	153.6	1.6			G2/225
BL	(0°-30°)	314.0	3.4	B1/500		
BM	(30°-60°)	1574.1	16.8	B2/2500		
BH	(60°-80°)	2631.6	28.2	B4/5000		G2/5000
BVH	(80°-90°)	153.6	1.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	727.8	727.8	727.8	727.8	727.8	727.8	727.8	727.8	727.8	727.8	727.8
2.5°	723.3	723.3	725.2	725.9	725.2	724.6	723.9	723.3	725.2	724.6	725.2
5°	721.3	721.3	722.0	722.6	721.3	720.7	719.4	718.7	720.0	720.0	721.3
7.5°	716.1	715.4	716.1	716.7	714.8	714.1	712.2	712.2	712.2	711.5	712.8
10°	711.5	710.2	710.2	708.9	705.7	706.3	703.7	705.7	708.9	709.6	710.2
12.5°	713.5	712.2	710.9	707.6	703.1	703.7	703.1	705.0	709.6	712.2	714.1
15°	722.6	721.3	718.1	712.2	709.6	709.6	708.3	708.9	715.4	719.4	721.3
17.5°	732.4	729.8	723.9	720.0	717.4	719.4	714.8	714.1	719.4	725.2	727.2
20°	740.2	738.3	731.1	726.5	726.5	728.5	723.9	721.3	727.2	734.4	736.3
22.5°	753.9	752.6	745.4	740.9	740.9	741.5	738.9	737.0	743.5	750.7	752.6
25°	773.5	773.5	766.3	764.4	763.7	765.0	761.8	759.8	765.7	770.9	772.8
27.5°	796.3	794.4	788.5	787.2	789.8	794.4	788.5	783.3	787.8	792.4	793.1
30°	820.4	820.4	815.2	815.2	817.2	819.1	813.9	808.7	813.3	818.5	819.1
32.5°	854.4	852.4	850.4	851.1	850.4	847.8	845.2	844.6	848.5	851.8	853.1
35°	896.1	895.4	892.8	894.1	894.1	894.1	886.3	883.7	890.2	892.8	891.5
37.5°	960.7	960.0	953.5	949.6	945.0	943.1	933.3	932.6	948.3	956.1	954.8
40°	1039.6	1037.0	1031.1	1024.6	1018.7	1014.8	1005.0	1012.2	1028.5	1034.4	1034.4
42.5°	1125.7	1122.4	1115.9	1112.6	1108.7	1104.8	1091.8	1095.0	1114.6	1120.5	1113.9
45°	1231.3	1226.8	1219.6	1212.4	1206.5	1198.7	1192.2	1195.5	1216.3	1223.5	1218.3
47.5°	1343.5	1342.2	1336.3	1330.5	1325.2	1320.0	1311.5	1317.4	1335.7	1334.4	1323.9
50°	1462.2	1464.8	1465.5	1471.3	1467.4	1468.1	1452.4	1449.2	1463.5	1455.0	1442.0
52.5°	1590.0	1593.9	1607.6	1619.4	1640.9	1643.5	1623.9	1603.1	1600.5	1578.3	1564.6
55°	1738.1	1737.4	1767.4	1800.0	1847.6	1862.6	1818.9	1779.8	1758.3	1715.2	1700.9
57.5°	1905.7	1903.7	1949.4	2006.8	2092.9	2130.0	2049.8	1975.5	1923.3	1871.8	1856.8
60°	2087.6	2092.2	2147.6	2240.9	2389.6	2441.1	2319.8	2196.6	2117.0	2049.8	2043.9
62.5°	2300.3	2300.9	2366.1	2492.6	2685.7	2768.5	2601.6	2434.6	2333.5	2259.8	2244.2
65°	2551.3	2555.9	2625.7	2753.5	2975.3	3077.7	2885.3	2681.8	2562.4	2462.6	2460.7
67.5°	2809.0	2806.3	2870.3	3005.9	3219.8	3314.4	3112.9	2885.9	2730.7	2606.1	2589.8
70°	2974.0	2988.3	3057.4	3187.2	3392.0	3484.0	3238.7	2964.8	2802.4	2688.3	2680.5
72.5°	2835.0	2861.8	2951.1	3166.3	3456.6	3565.5	3208.7	2883.3	2678.5	2563.7	2563.7
75°	2301.6	2345.9	2470.5	2801.8	3233.5	3422.0	2970.7	2523.3	2225.2	2102.6	2102.6
77.5°	1402.2	1444.6	1612.8	2017.2	2611.3	2852.6	2421.6	1900.5	1555.5	1405.5	1385.9
80°	466.3	493.7	658.7	1025.2	1603.1	1898.5	1622.6	1079.4	696.5	530.9	528.3
82.5°	123.9	135.0	187.8	297.4	695.9	1028.5	742.2	356.1	204.1	158.5	146.1
85°	43.0	46.3	79.6	99.1	176.7	340.4	206.7	129.1	99.1	60.0	56.1
87.5°	12.4	13.7	32.0	34.6	50.9	39.8	56.1	51.5	47.0	19.6	17.6
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)