

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: P672385

Luminaire Tested: **CCP-SA-2D-730-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672385
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2D-730-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5WQ
distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10644.3 lumens
Efficiency: N/A
Efficacy: 131.7 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): 80.8
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

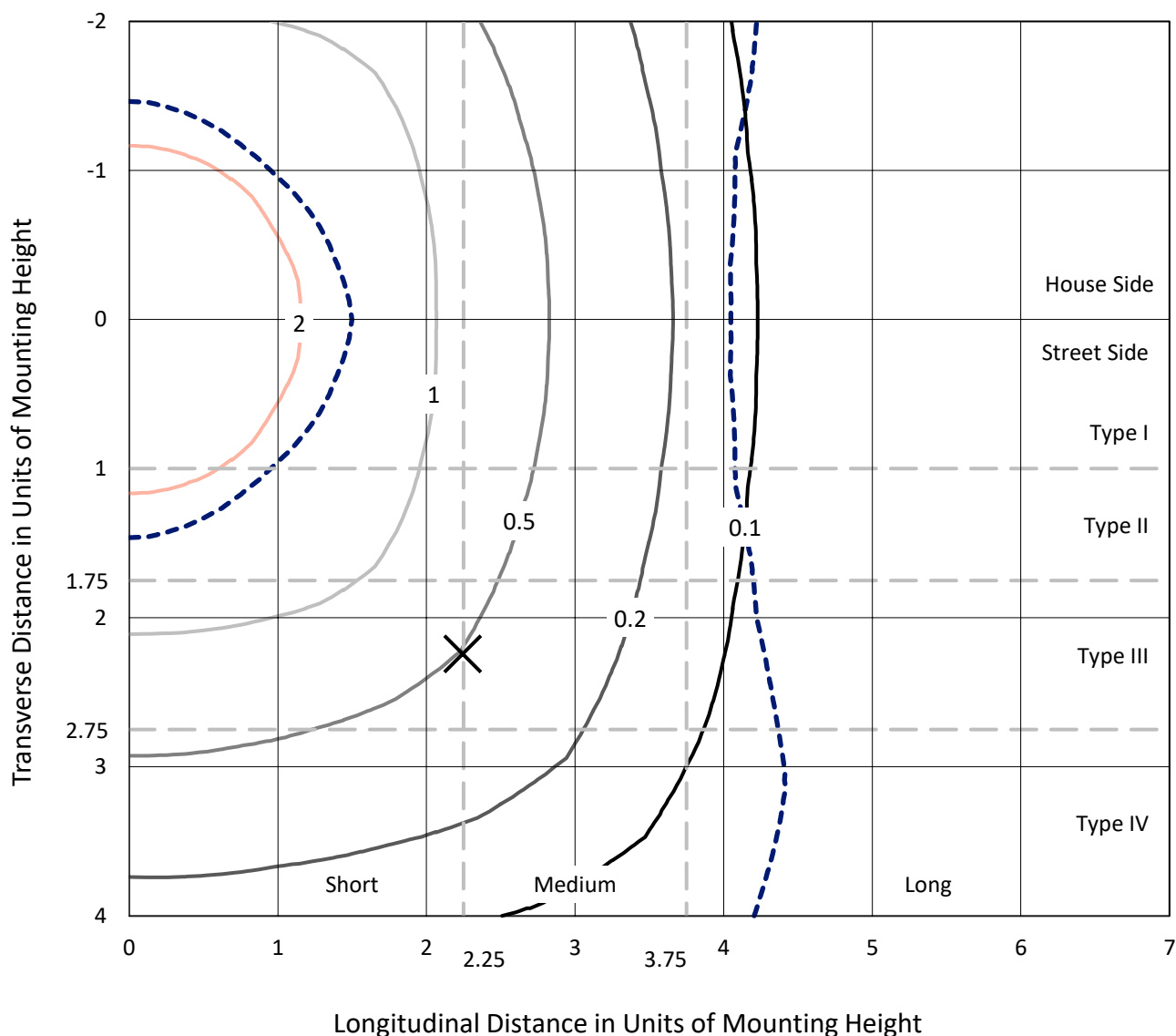
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

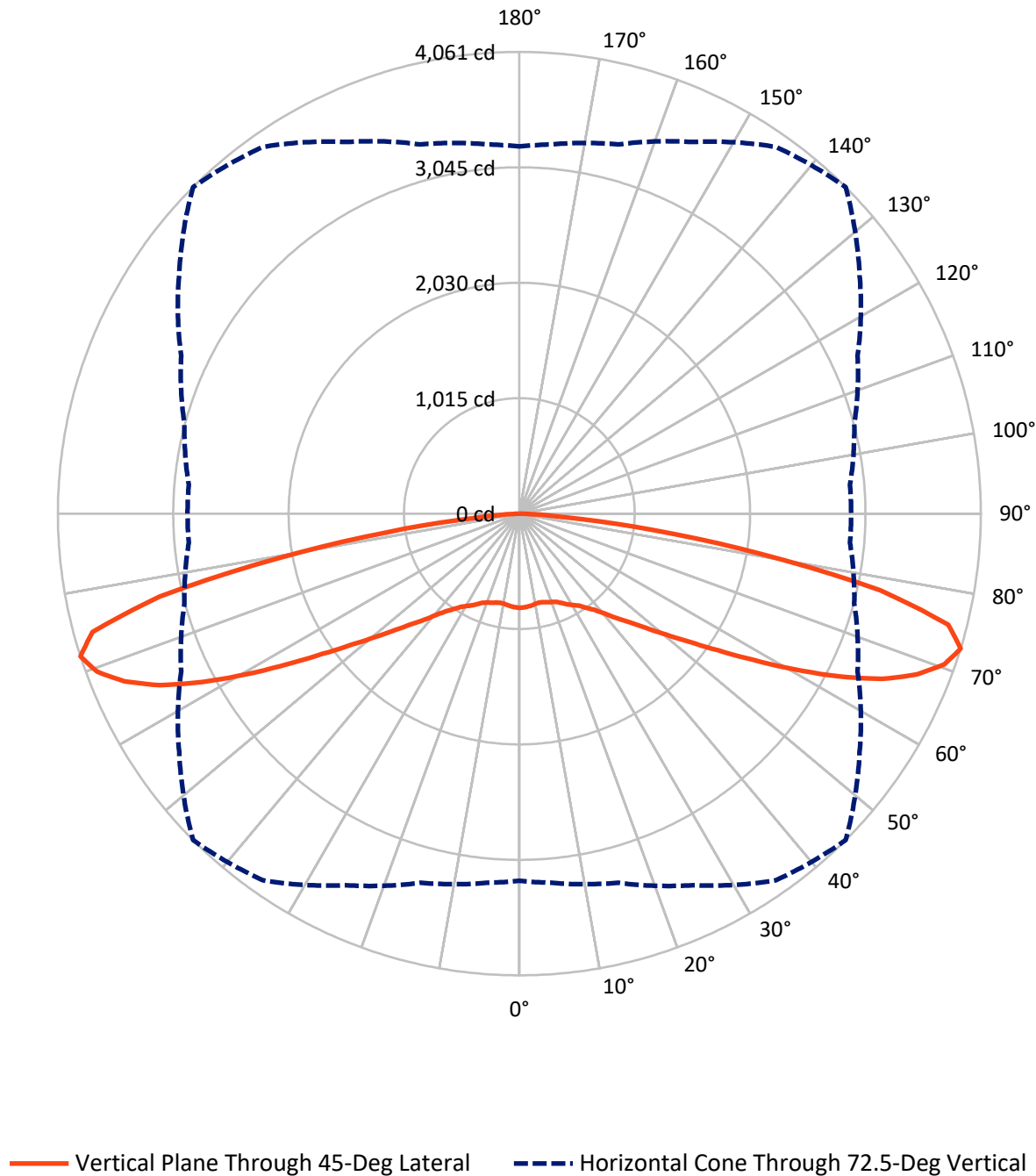


Based on 15 foot mounting height. Maximum calculated value = 3.7 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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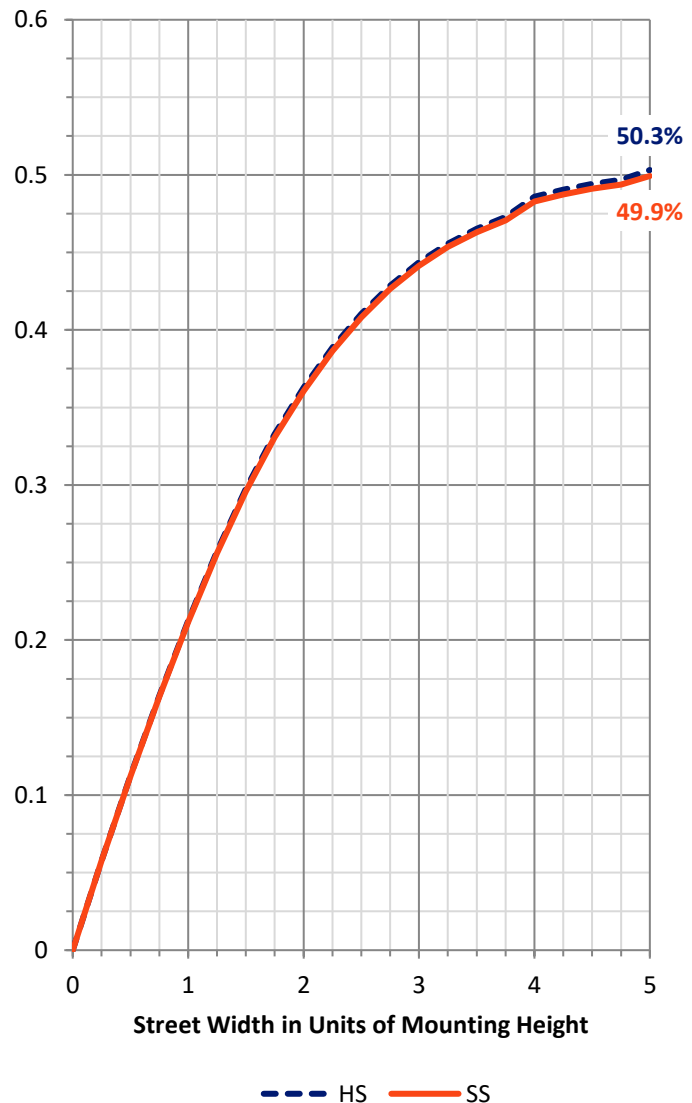
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5322.1	0.0	5322.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5322.1	0.0	5322.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	10644.3	0.0	10644.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.8	0.7
10°-20°	231.2	2.2
20°-30°	406.1	3.8
30°-40°	647.9	6.1
40°-50°	1083.4	10.2
50°-60°	1853.9	17.4
60°-70°	3060.6	28.8
70°-80°	2933.4	27.6
80°-90°	349.8	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°	10644.3	100.0
0°-180°	10644.3	100.0

Coefficient of Utilization



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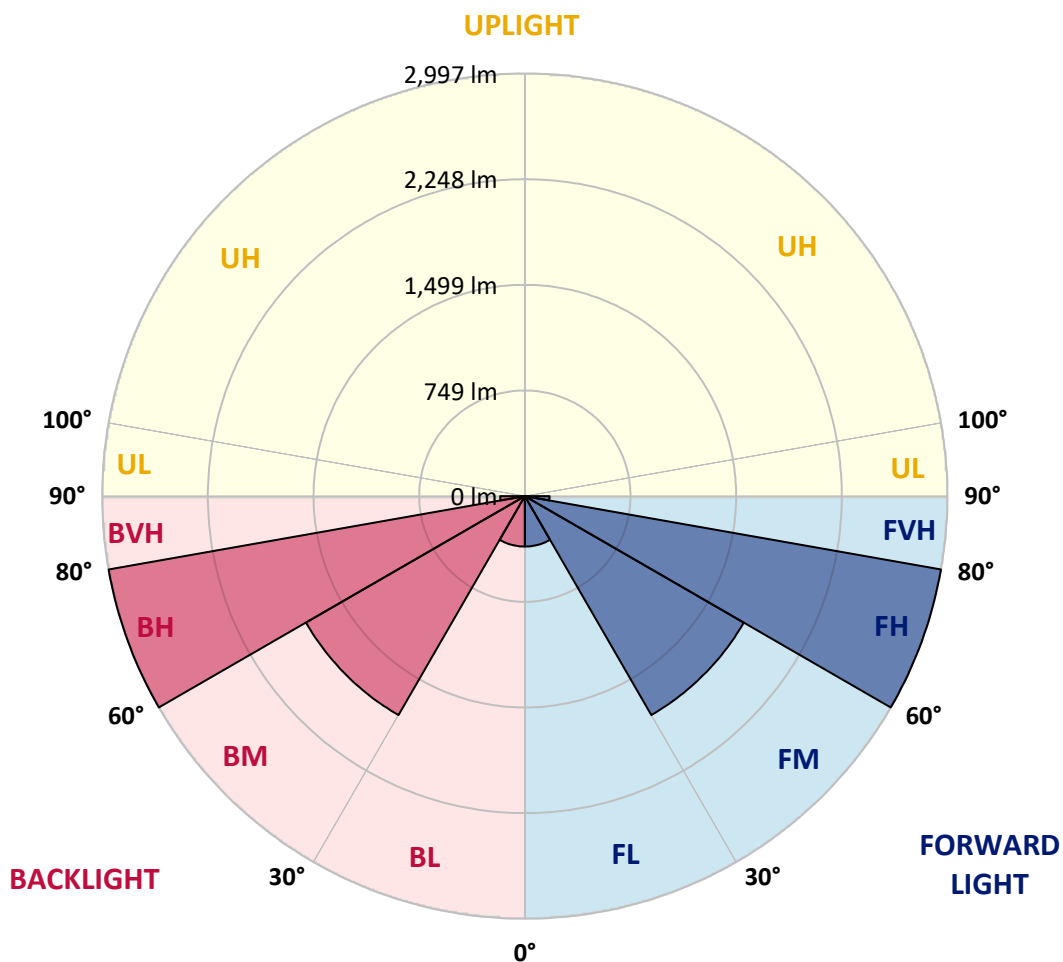
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	357.6	3.4			
FM	(30°-60°)	1792.6	16.8			
FH	(60°-80°)	2997.0	28.2			G2/5000
FVH	(80°-90°)	174.9	1.6			G2/225
BL	(0°-30°)	357.6	3.4	B1/500		
BM	(30°-60°)	1792.6	16.8	B2/2500		
BH	(60°-80°)	2997.0	28.2	B4/5000		G2/5000
BVH	(80°-90°)	174.9	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°	828.9	828.9	828.9	828.9	828.9	828.9	828.9	828.9	828.9	828.9	828.9
2.5°	823.7	823.7	825.9	826.7	825.9	825.2	824.4	823.7	825.9	825.2	825.9
5°	821.5	821.5	822.2	822.9	821.5	820.7	819.2	818.5	820.0	820.0	821.5
7.5°	815.5	814.8	815.5	816.3	814.0	813.3	811.1	811.1	811.1	810.3	811.8
10°	810.3	808.8	808.8	807.3	803.6	804.4	801.4	803.6	807.3	808.1	808.8
12.5°	812.5	811.1	809.6	805.9	800.7	801.4	800.7	802.9	808.1	811.1	813.3
15°	822.9	821.5	817.7	811.1	808.1	808.1	806.6	807.3	814.8	819.2	821.5
17.5°	834.1	831.1	824.4	820.0	817.0	819.2	814.0	813.3	819.2	825.9	828.1
20°	843.0	840.8	832.6	827.4	827.4	829.6	824.4	821.5	828.1	836.3	838.5
22.5°	858.6	857.1	848.9	843.7	843.7	844.5	841.5	839.3	846.7	854.9	857.1
25°	880.9	880.9	872.7	870.5	869.7	871.2	867.5	865.3	872.0	877.9	880.1
27.5°	906.9	904.6	898.0	896.5	899.4	904.6	898.0	892.0	897.2	902.4	903.2
30°	934.4	934.4	928.4	928.4	930.6	932.9	926.9	921.0	926.2	932.1	932.9
32.5°	973.0	970.7	968.5	969.3	968.5	965.5	962.6	961.8	966.3	970.0	971.5
35°	1020.5	1019.8	1016.8	1018.3	1018.3	1018.3	1009.4	1006.4	1013.8	1016.8	1015.3
37.5°	1094.0	1093.3	1085.9	1081.4	1076.2	1074.0	1062.8	1062.1	1079.9	1088.8	1087.4
40°	1183.9	1180.9	1174.3	1166.8	1160.1	1155.7	1144.5	1152.7	1171.3	1178.0	1178.0
42.5°	1281.9	1278.2	1270.8	1267.1	1262.6	1258.2	1243.3	1247.0	1269.3	1276.0	1268.6
45°	1402.3	1397.1	1388.9	1380.7	1374.0	1365.1	1357.7	1361.4	1385.2	1393.4	1387.4
47.5°	1530.0	1528.5	1521.9	1515.2	1509.2	1503.3	1493.6	1500.3	1521.1	1519.6	1507.7
50°	1665.2	1668.2	1668.9	1675.6	1671.1	1671.9	1654.1	1650.3	1666.7	1657.0	1642.2
52.5°	1810.8	1815.2	1830.8	1844.2	1868.7	1871.7	1849.4	1825.6	1822.7	1797.4	1781.8
55°	1979.4	1978.6	2012.8	2049.9	2104.1	2121.2	2071.5	2026.9	2002.4	1953.4	1937.0
57.5°	2170.3	2168.0	2220.0	2285.4	2383.4	2425.8	2334.4	2249.7	2190.3	2131.6	2114.5
60°	2377.5	2382.7	2445.8	2552.0	2721.4	2780.0	2641.9	2501.5	2410.9	2334.4	2327.7
62.5°	2619.6	2620.3	2694.6	2838.7	3058.6	3152.9	2962.7	2772.6	2657.5	2573.6	2555.7
65°	2905.6	2910.8	2990.2	3135.8	3388.3	3504.9	3285.8	3054.1	2918.2	2804.5	2802.3
67.5°	3198.9	3196.0	3268.7	3423.2	3666.8	3774.5	3545.0	3286.6	3109.8	2967.9	2949.4
70°	3386.8	3403.2	3481.9	3629.7	3862.9	3967.7	3688.4	3376.4	3191.5	3061.5	3052.6
72.5°	3228.6	3259.1	3360.8	3605.9	3936.5	4060.5	3654.2	3283.6	3050.4	2919.7	2919.7
75°	2621.1	2671.6	2813.5	3190.8	3682.4	3897.1	3383.1	2873.6	2534.2	2394.6	2394.6
77.5°	1596.9	1645.1	1836.8	2297.3	2973.9	3248.7	2757.7	2164.3	1771.4	1600.6	1578.3
80°	531.1	562.2	750.2	1167.6	1825.6	2162.1	1847.9	1229.2	793.2	604.6	601.6
82.5°	141.1	153.7	213.9	338.7	792.5	1171.3	845.2	405.5	232.5	180.5	166.4
85°	49.0	52.7	90.6	112.9	201.3	387.7	235.4	147.1	112.9	68.3	63.9
87.5°	14.1	15.6	36.4	39.4	57.9	45.3	63.9	58.7	53.5	22.3	20.1
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)