

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: P672364

Luminaire Tested: **CCP-SA-2E-722-U-5WQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672364
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2E-722-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5WQ distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

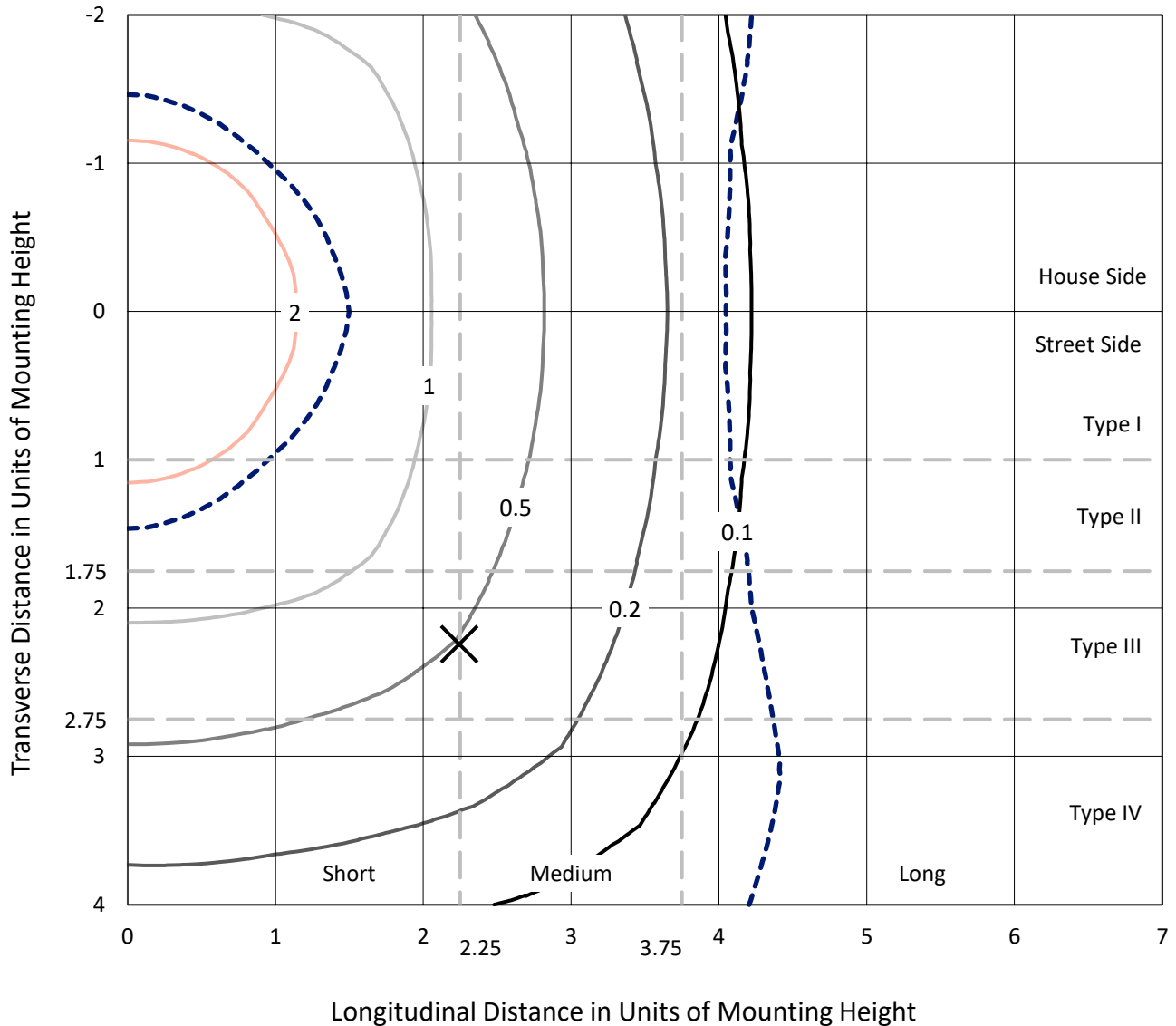
Lumens per Lamp: N/A
Luminaire Lumens: 10556.1 lumens
Efficiency: N/A
Efficacy: 99.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G2

Input Watts (W): 106.6
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

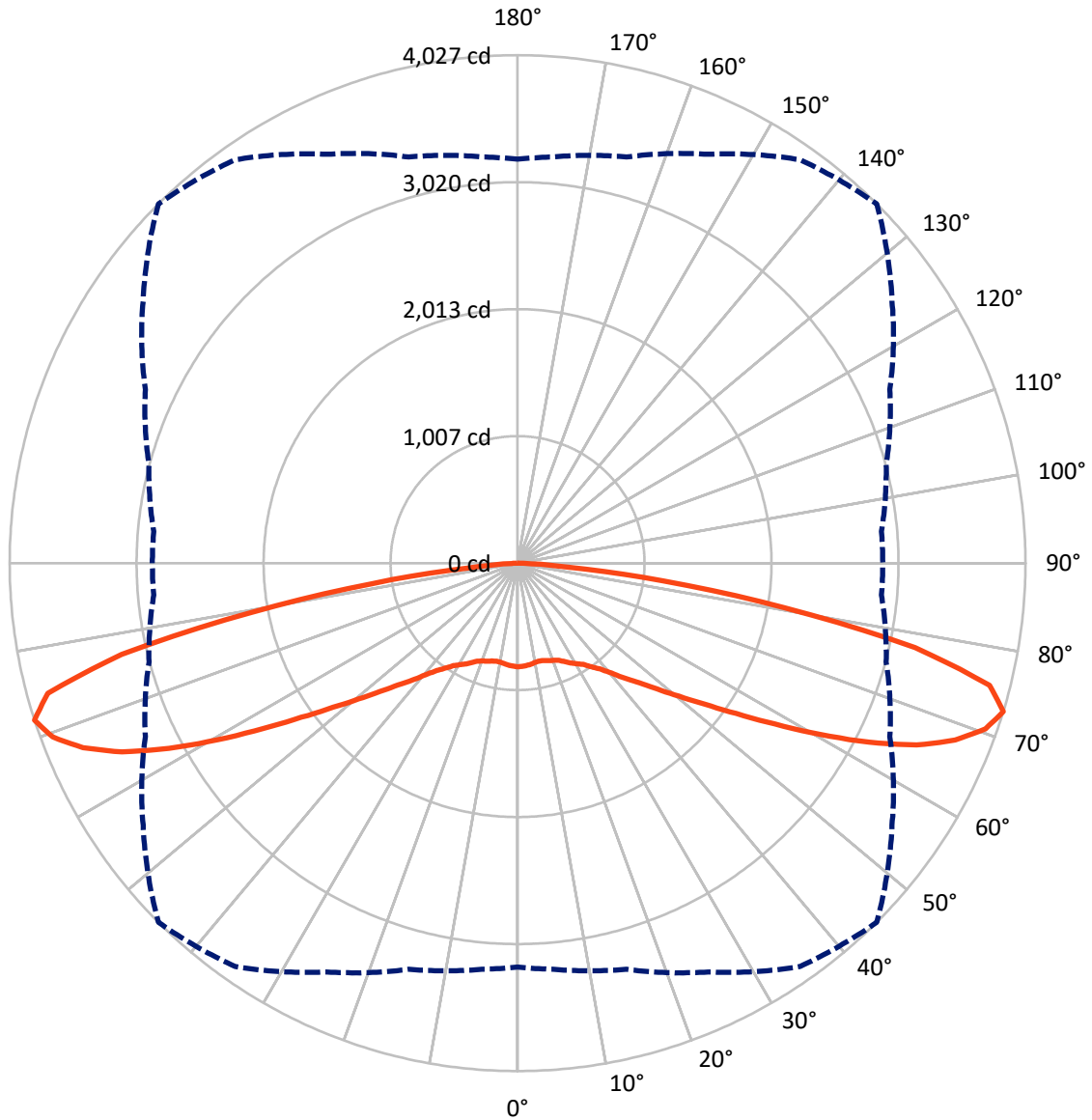
× Max cd
 - - - 1/2 Max cd



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



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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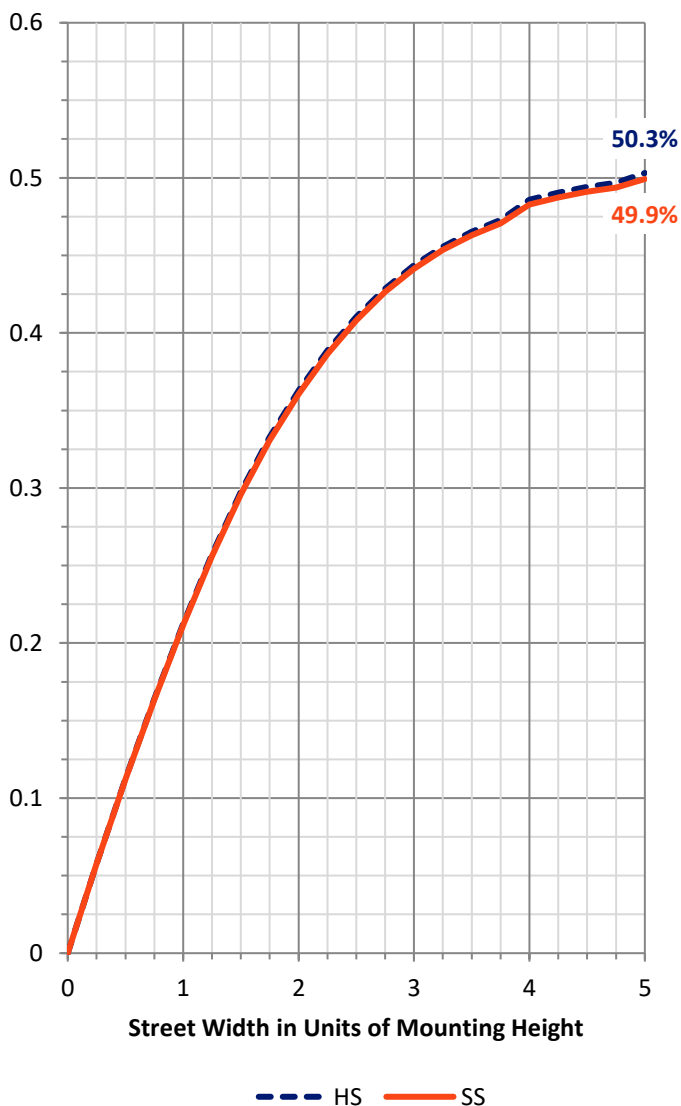
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5278.0	0.0	5278.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5278.0	0.0	5278.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	10556.1	0.0	10556.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.2	0.7
10°-20°	229.3	2.2
20°-30°	402.7	3.8
30°-40°	642.6	6.1
40°-50°	1074.4	10.2
50°-60°	1838.6	17.4
60°-70°	3035.2	28.8
70°-80°	2909.1	27.6
80°-90°	346.9	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°	10556.1	100.0
0°-180°	10556.1	100.0



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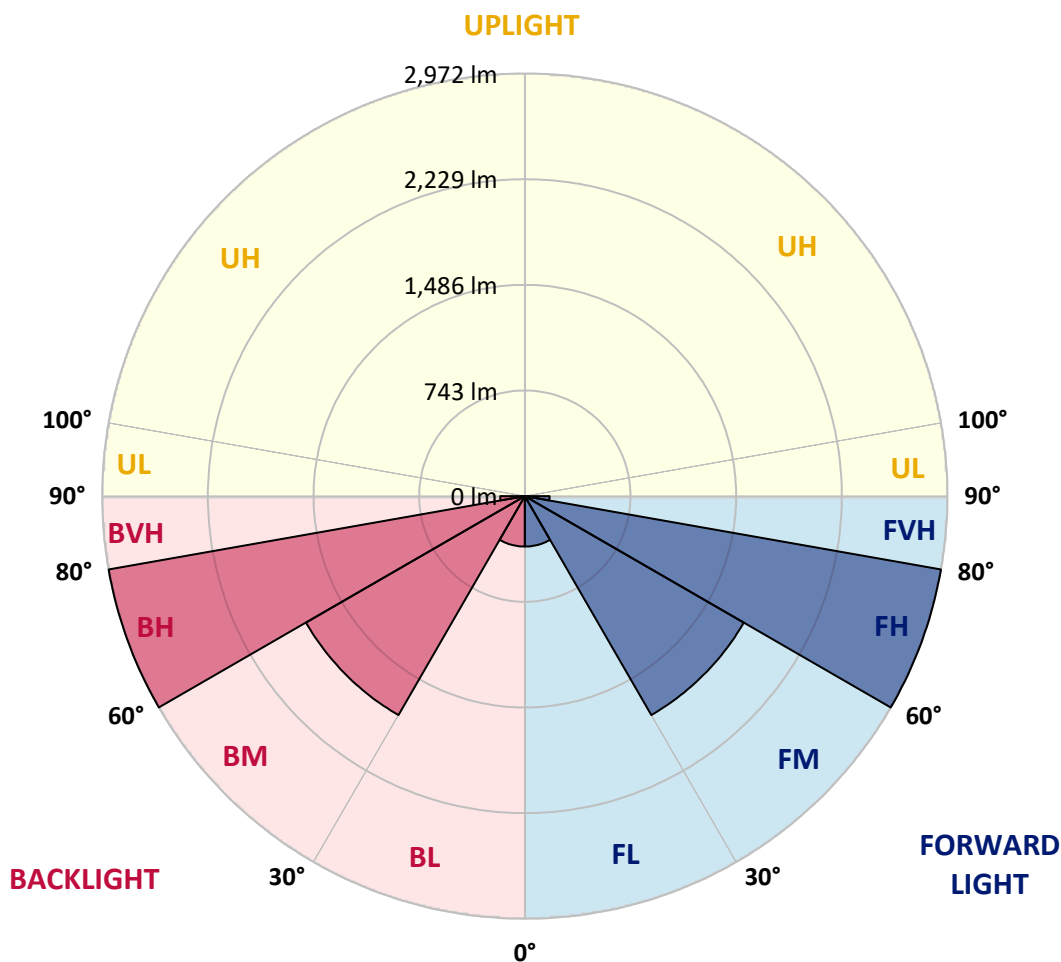
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	354.6	3.4			
FM (30°-60°)	1777.8	16.8			
FH (60°-80°)	2972.2	28.2			G2/5000
FVH (80°-90°)	173.5	1.6			G2/225
BL (0°-30°)	354.6	3.4	B1/500		
BM (30°-60°)	1777.8	16.8	B2/2500		
BH (60°-80°)	2972.2	28.2	B4/5000		G2/5000
BVH (80°-90°)	173.5	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°	822.0	822.0	822.0	822.0	822.0	822.0	822.0	822.0	822.0	822.0	822.0
2.5°	816.9	816.9	819.1	819.8	819.1	818.3	817.6	816.9	819.1	818.3	819.1
5°	814.7	814.7	815.4	816.1	814.7	813.9	812.4	811.7	813.2	813.2	814.7
7.5°	808.8	808.0	808.8	809.5	807.3	806.5	804.3	804.3	804.3	803.6	805.1
10°	803.6	802.1	802.1	800.7	797.0	797.7	794.8	797.0	800.7	801.4	802.1
12.5°	805.8	804.3	802.9	799.2	794.0	794.8	794.0	796.2	801.4	804.3	806.5
15°	816.1	814.7	811.0	804.3	801.4	801.4	799.9	800.7	808.0	812.4	814.7
17.5°	827.2	824.2	817.6	813.2	810.2	812.4	807.3	806.5	812.4	819.1	821.3
20°	836.0	833.8	825.7	820.5	820.5	822.8	817.6	814.7	821.3	829.4	831.6
22.5°	851.5	850.0	841.9	836.7	836.7	837.5	834.5	832.3	839.7	847.8	850.0
25°	873.6	873.6	865.5	863.3	862.5	864.0	860.3	858.1	864.7	870.6	872.8
27.5°	899.4	897.1	890.5	889.0	892.0	897.1	890.5	884.6	889.8	894.9	895.7
30°	926.6	926.6	920.7	920.7	922.9	925.1	919.2	913.4	918.5	924.4	925.1
32.5°	964.9	962.7	960.5	961.2	960.5	957.5	954.6	953.9	958.3	962.0	963.4
35°	1012.1	1011.3	1008.4	1009.8	1009.8	1009.8	1001.0	998.1	1005.4	1008.4	1006.9
37.5°	1085.0	1084.2	1076.9	1072.5	1067.3	1065.1	1054.0	1053.3	1071.0	1079.8	1078.3
40°	1174.1	1171.2	1164.5	1157.2	1150.5	1146.1	1135.1	1143.2	1161.6	1168.2	1168.2
42.5°	1271.3	1267.6	1260.3	1256.6	1252.2	1247.8	1233.0	1236.7	1258.8	1265.4	1258.1
45°	1390.7	1385.5	1377.4	1369.3	1362.7	1353.8	1346.5	1350.1	1373.7	1381.8	1375.9
47.5°	1517.3	1515.9	1509.2	1502.6	1496.7	1490.8	1481.3	1487.9	1508.5	1507.0	1495.2
50°	1651.4	1654.3	1655.1	1661.7	1657.3	1658.0	1640.4	1636.7	1652.9	1643.3	1628.6
52.5°	1795.8	1800.2	1815.7	1828.9	1853.2	1856.2	1834.1	1810.5	1807.6	1782.5	1767.0
55°	1963.0	1962.2	1996.1	2032.9	2086.7	2103.7	2054.3	2010.1	1985.8	1937.2	1921.0
57.5°	2152.3	2150.1	2201.6	2266.4	2363.7	2405.7	2315.1	2231.1	2172.2	2114.0	2097.0
60°	2357.8	2362.9	2425.5	2530.9	2698.8	2757.0	2620.0	2480.8	2390.9	2315.1	2308.4
62.5°	2597.9	2598.6	2672.3	2815.2	3033.2	3126.8	2938.2	2749.6	2635.5	2552.2	2534.6
65°	2881.5	2886.6	2965.4	3109.8	3360.3	3475.9	3258.6	3028.8	2894.0	2781.3	2779.1
67.5°	3172.4	3169.5	3241.7	3394.9	3636.5	3743.3	3515.7	3259.3	3084.0	2943.4	2924.9
70°	3358.8	3375.0	3453.1	3599.6	3830.9	3934.8	3657.8	3348.5	3165.1	3036.2	3027.3
72.5°	3201.9	3232.1	3333.0	3576.1	3903.8	4026.9	3623.9	3256.4	3025.1	2895.5	2895.5
75°	2599.4	2649.5	2790.1	3164.3	3651.9	3864.8	3355.1	2849.8	2513.2	2374.7	2374.7
77.5°	1583.6	1631.5	1821.5	2278.2	2949.2	3221.8	2734.9	2146.4	1756.7	1587.3	1565.2
80°	526.7	557.6	743.9	1157.9	1810.5	2144.2	1832.6	1219.0	786.7	599.6	596.6
82.5°	139.9	152.5	212.1	335.9	785.9	1161.6	838.2	402.2	230.5	179.0	165.0
85°	48.6	52.3	89.9	112.0	199.6	384.5	233.5	145.8	112.0	67.8	63.3
87.5°	14.0	15.5	36.1	39.0	57.5	44.9	63.3	58.2	53.0	22.1	19.9
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)