

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: P672652

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

Issue Date: 04/16/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P672652  
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-5NQ  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5NQ  
distribution lens  
Light Source: (32) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

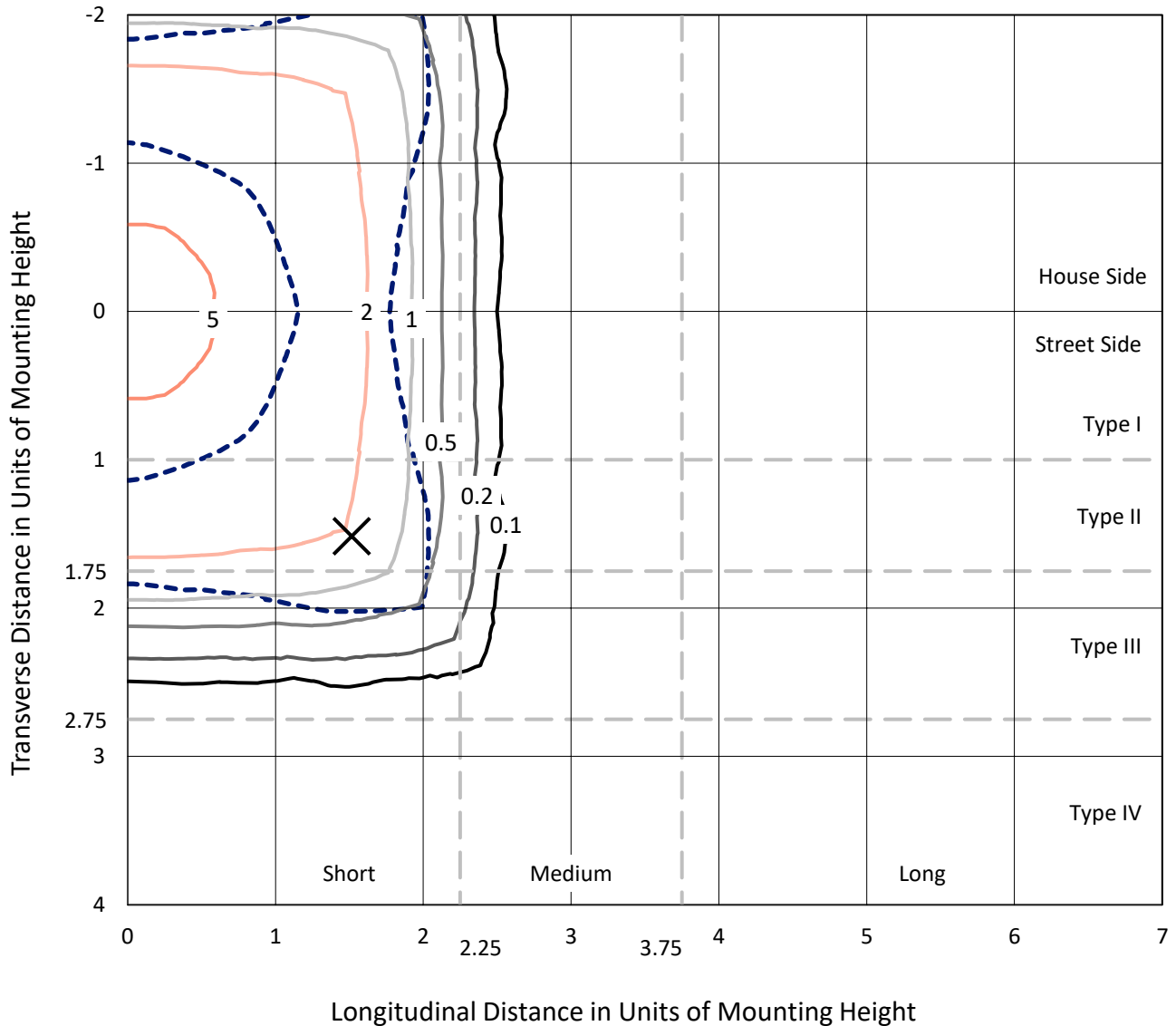
Lumens per Lamp: N/A  
Luminaire Lumens: 10480.7 lumens  
Efficiency: N/A  
Efficacy: 98.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G1

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

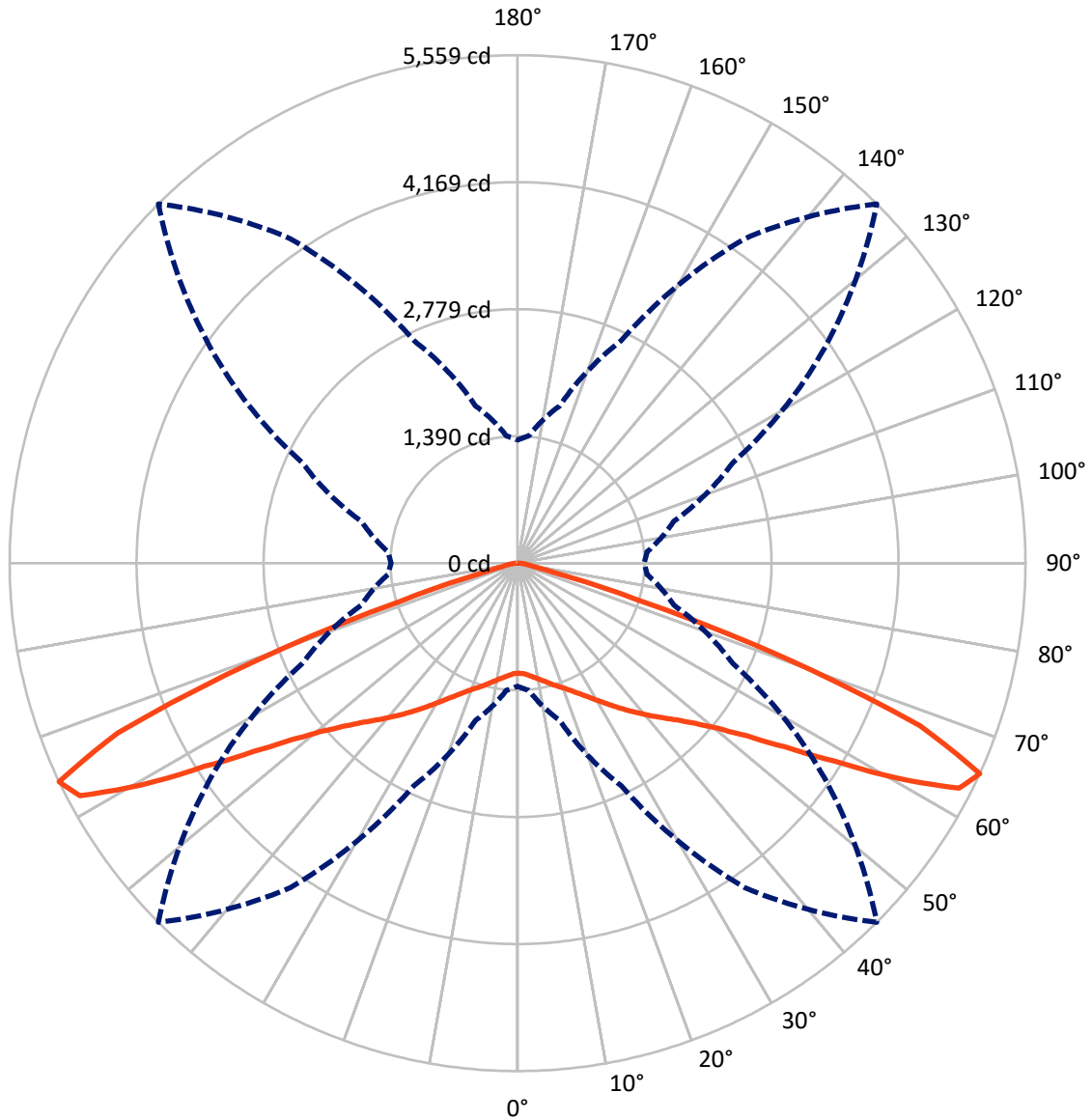
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.5 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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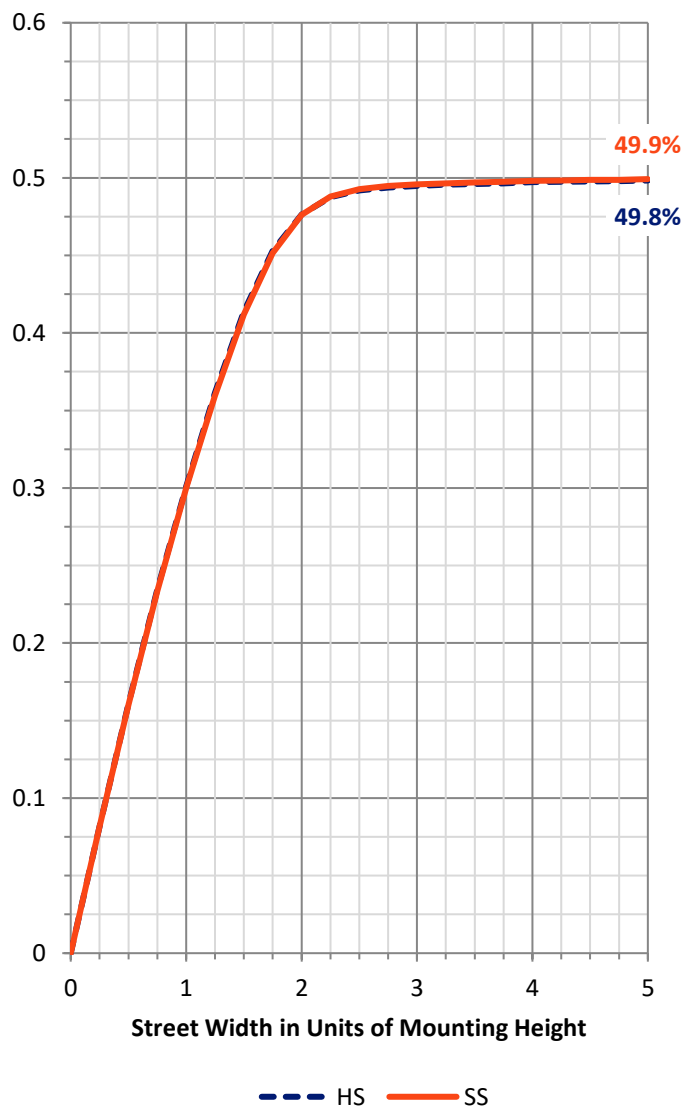
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5240.3	0.0	5240.3
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	5240.3	0.0	5240.3
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	10480.7	0.0	10480.7
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	119.3	1.1
10°-20°	389.6	3.7
20°-30°	739.0	7.1
30°-40°	1239.3	11.8
40°-50°	1961.1	18.7
50°-60°	3080.9	29.4
60°-70°	2603.1	24.8
70°-80°	303.1	2.9
80°-90°	45.1	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°	10480.7	100.0
0°-180°	10480.7	100.0



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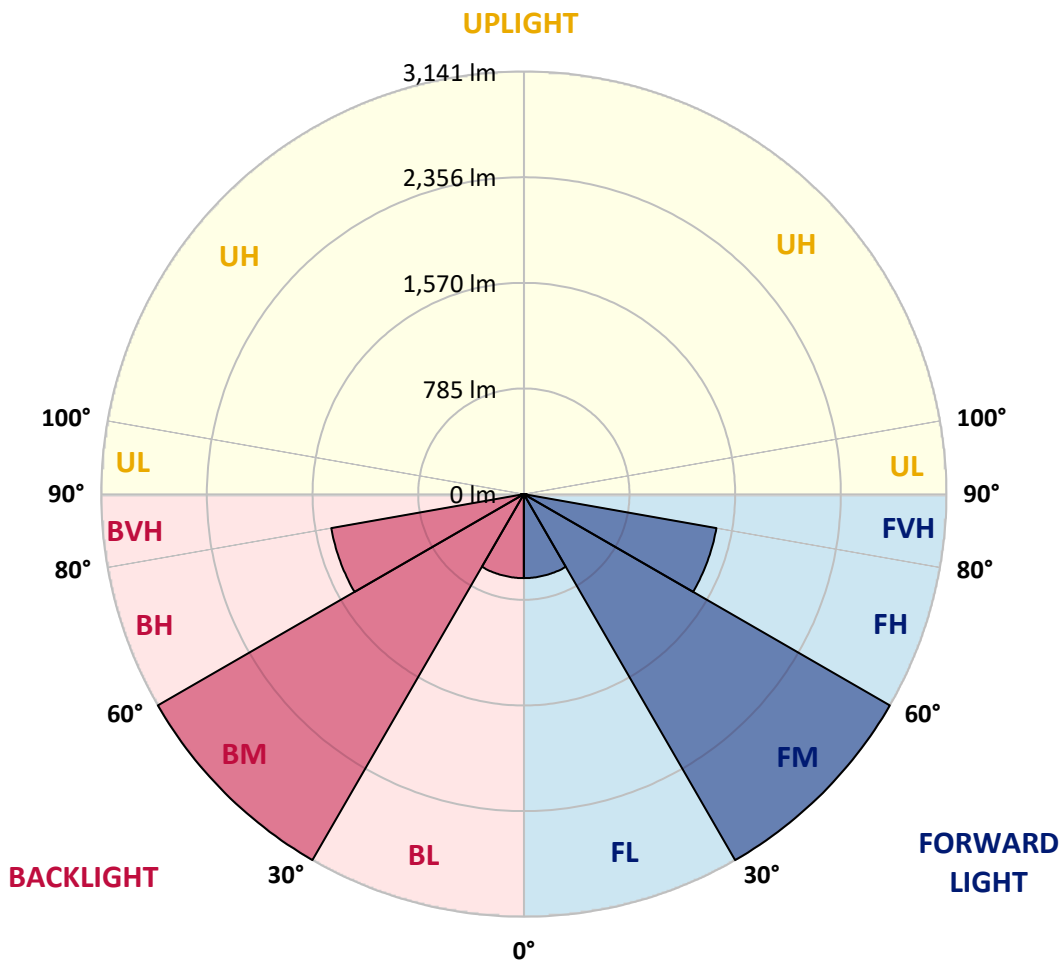
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	624.0	6.0			
FM (30°-60°)	3140.7	30.0			
FH (60°-80°)	1453.1	13.9			G1/1800
FVH (80°-90°)	22.6	0.2			G1/100
BL (0°-30°)	624.0	6.0	B2/1000		
BM (30°-60°)	3140.7	30.0	B3/5000		
BH (60°-80°)	1453.1	13.9	B3/2500		G1/1800
BVH (80°-90°)	22.6	0.2			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°	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1
2.5°	1211.7	1208.0	1211.7	1211.7	1209.5	1210.3	1207.3	1206.6	1210.3	1207.3	1206.6
5°	1236.8	1233.8	1236.8	1234.6	1230.9	1231.6	1227.2	1225.7	1230.1	1225.7	1226.5
7.5°	1265.5	1260.3	1261.8	1264.0	1260.3	1260.3	1256.7	1254.4	1256.7	1252.2	1255.2
10°	1289.8	1285.4	1287.6	1290.5	1289.8	1292.0	1288.3	1286.9	1284.6	1279.5	1283.9
12.5°	1321.5	1320.0	1323.0	1326.6	1325.2	1328.1	1320.0	1317.8	1317.1	1311.2	1316.3
15°	1362.7	1359.0	1364.2	1368.6	1366.4	1371.6	1364.9	1362.0	1358.3	1350.9	1355.4
17.5°	1404.0	1401.0	1408.4	1410.6	1411.3	1415.8	1410.6	1406.2	1404.7	1399.6	1396.6
20°	1453.3	1449.6	1455.5	1460.0	1456.3	1461.4	1459.2	1456.3	1454.8	1446.7	1446.0
22.5°	1508.6	1503.4	1512.3	1517.4	1512.3	1517.4	1513.0	1512.3	1513.0	1501.2	1502.7
25°	1570.5	1571.2	1580.0	1583.7	1580.8	1583.7	1577.1	1581.5	1579.3	1566.8	1562.4
27.5°	1650.0	1647.1	1656.6	1667.7	1660.3	1660.3	1657.4	1661.8	1661.1	1649.3	1646.3
30°	1742.8	1742.1	1756.1	1762.7	1752.4	1748.0	1747.2	1758.3	1759.0	1746.5	1741.3
32.5°	1840.1	1840.1	1857.0	1865.1	1850.4	1847.4	1844.5	1859.2	1857.0	1840.1	1829.0
35°	1946.9	1942.4	1965.3	1977.1	1962.3	1953.5	1952.0	1965.3	1962.3	1938.8	1925.5
37.5°	2052.2	2055.1	2081.7	2094.9	2077.2	2066.2	2069.9	2078.7	2079.5	2053.7	2039.7
40°	2181.1	2181.8	2215.0	2225.3	2202.5	2185.5	2190.7	2210.6	2209.1	2177.4	2159.7
42.5°	2325.5	2322.5	2363.8	2372.6	2341.7	2309.3	2324.7	2355.7	2363.0	2327.7	2309.3
45°	2480.2	2484.6	2527.3	2536.9	2488.3	2447.0	2480.2	2526.6	2536.2	2497.8	2475.0
47.5°	2668.0	2673.2	2724.7	2728.4	2673.2	2619.4	2663.6	2724.0	2727.7	2674.6	2648.1
50°	2882.4	2900.0	2957.5	2964.9	2910.3	2841.1	2904.5	2958.2	2944.2	2873.5	2849.2
52.5°	3125.4	3139.4	3229.3	3260.2	3212.4	3138.0	3188.8	3221.9	3177.0	3084.2	3046.6
55°	3332.4	3356.0	3475.3	3569.6	3605.7	3549.7	3543.8	3495.2	3370.0	3228.6	3189.5
57.5°	3390.6	3413.5	3598.3	3841.4	4055.8	4083.8	3954.1	3710.3	3440.7	3222.7	3182.9
60°	3154.2	3185.1	3455.4	3915.8	4530.9	4784.3	4315.8	3728.7	3257.3	2964.9	2914.8
62.5°	2477.2	2534.7	2883.8	3605.7	4722.4	5422.2	4464.6	3411.2	2704.1	2358.6	2292.3
65°	1347.3	1396.6	1781.9	2687.2	4334.2	5558.5	4100.0	2597.3	1768.6	1421.7	1385.6
67.5°	505.3	541.4	718.2	1328.1	3064.3	4751.9	3112.2	1487.2	802.9	576.0	525.2
70°	215.1	219.5	260.0	462.6	1392.9	3091.6	1593.3	505.3	268.1	216.6	210.7
72.5°	154.7	155.4	166.5	204.8	424.3	1356.1	481.7	212.1	163.5	147.3	147.3
75°	123.8	124.5	131.1	148.1	200.4	399.2	207.7	148.8	126.7	115.6	114.2
77.5°	97.2	98.7	105.3	115.6	134.1	182.7	140.7	117.1	101.7	91.3	89.9
80°	72.2	74.4	83.2	88.4	94.3	121.5	102.4	91.3	81.0	70.0	67.8
82.5°	47.9	50.1	61.9	65.6	64.8	76.6	70.7	70.0	61.9	46.4	44.2
85°	28.7	30.2	39.8	42.7	39.8	37.6	44.9	48.6	43.5	30.2	28.0
87.5°	12.5	12.5	17.7	18.4	17.7	14.0	21.4	25.0	25.8	15.5	14.0
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)