

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: P672674

Luminaire Tested: **CCP-SA-2E-730-U-5NQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672674
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2E-730-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5NQ distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12956.4 lumens
Efficiency: N/A
Efficacy: 121.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

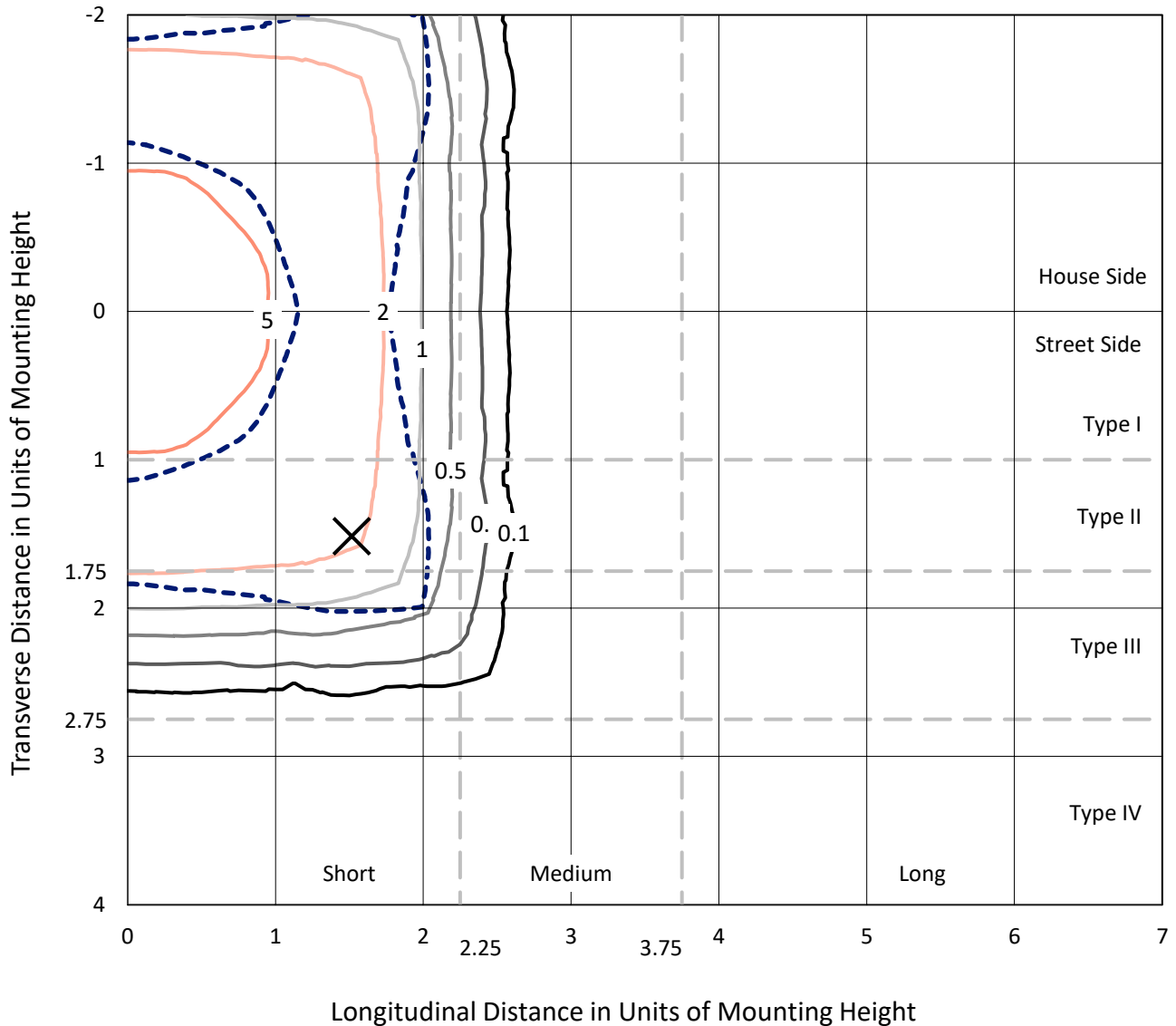
Input Watts (W): 106.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

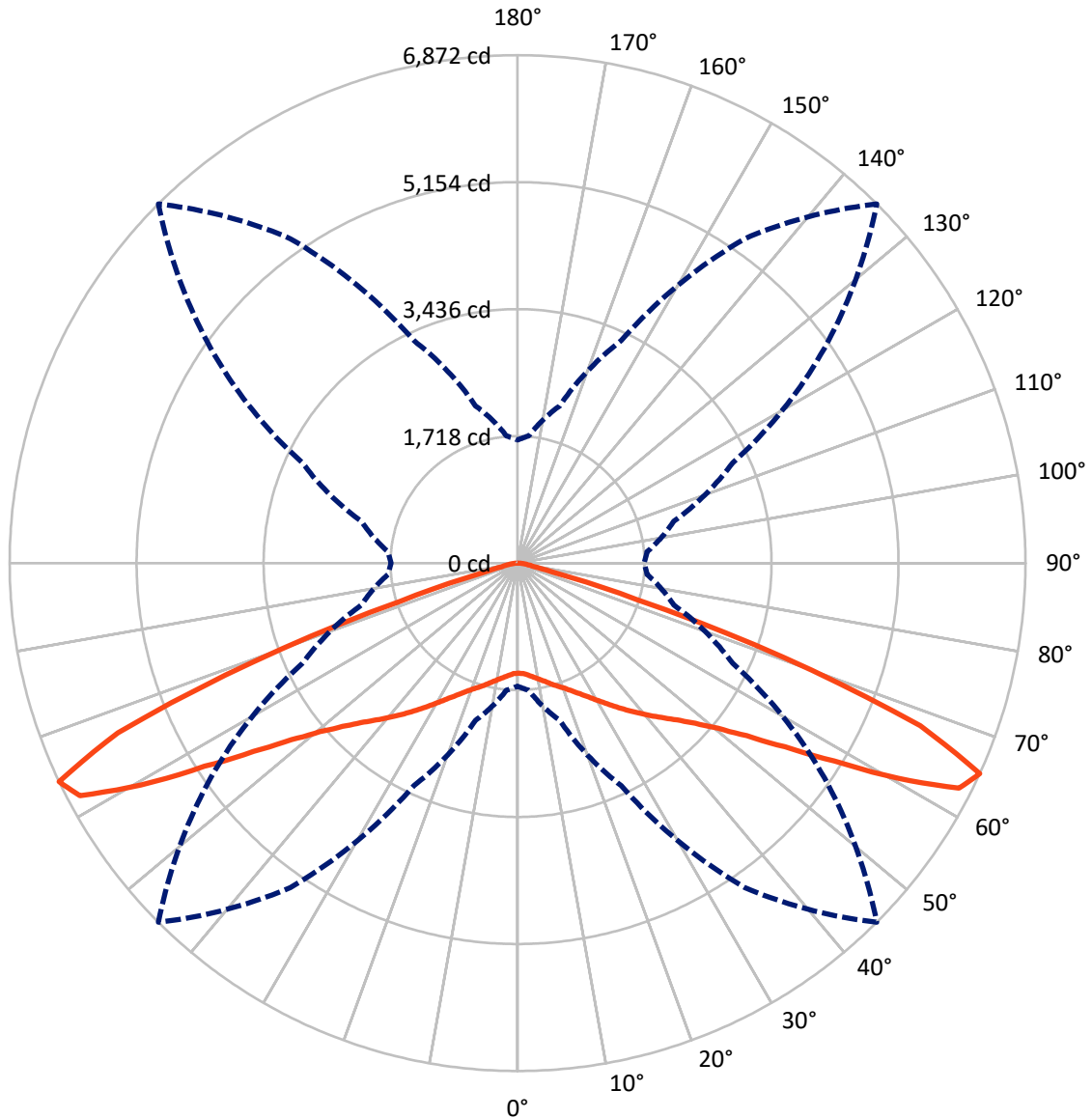
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 6.8 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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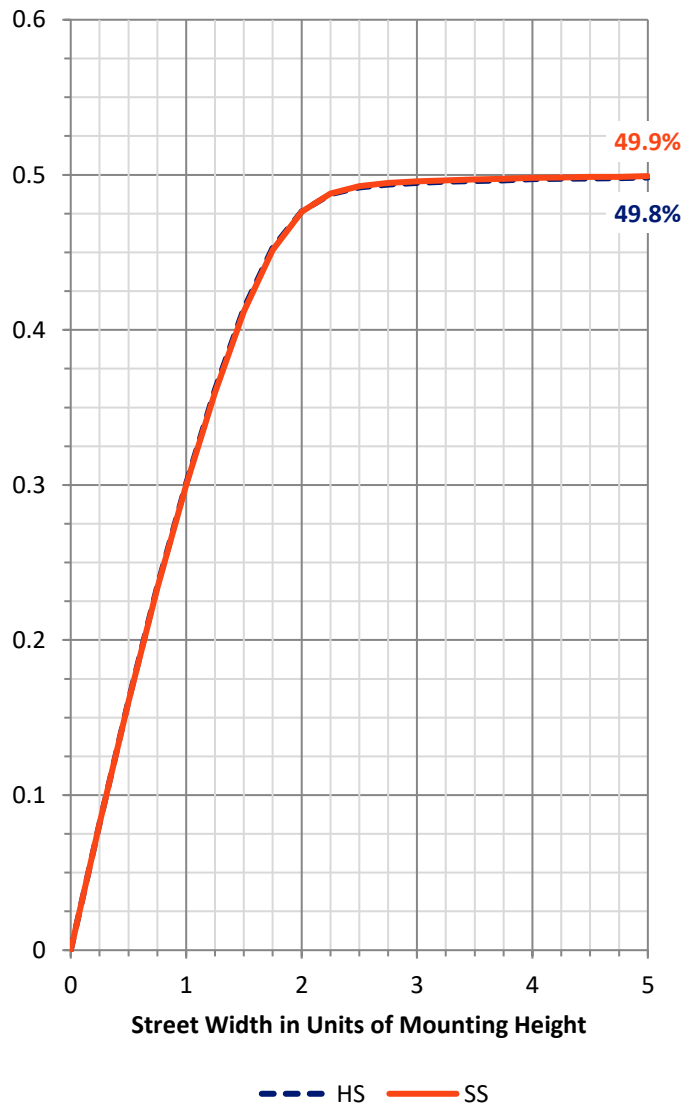
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6478.2	0.0	6478.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	6478.2	0.0	6478.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	12956.4	0.0	12956.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	147.5	1.1
10°-20°	481.7	3.7
20°-30°	913.5	7.1
30°-40°	1532.1	11.8
40°-50°	2424.4	18.7
50°-60°	3808.7	29.4
60°-70°	3218.0	24.8
70°-80°	374.7	2.9
80°-90°	55.8	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°	12956.4	100.0
0°-180°	12956.4	100.0



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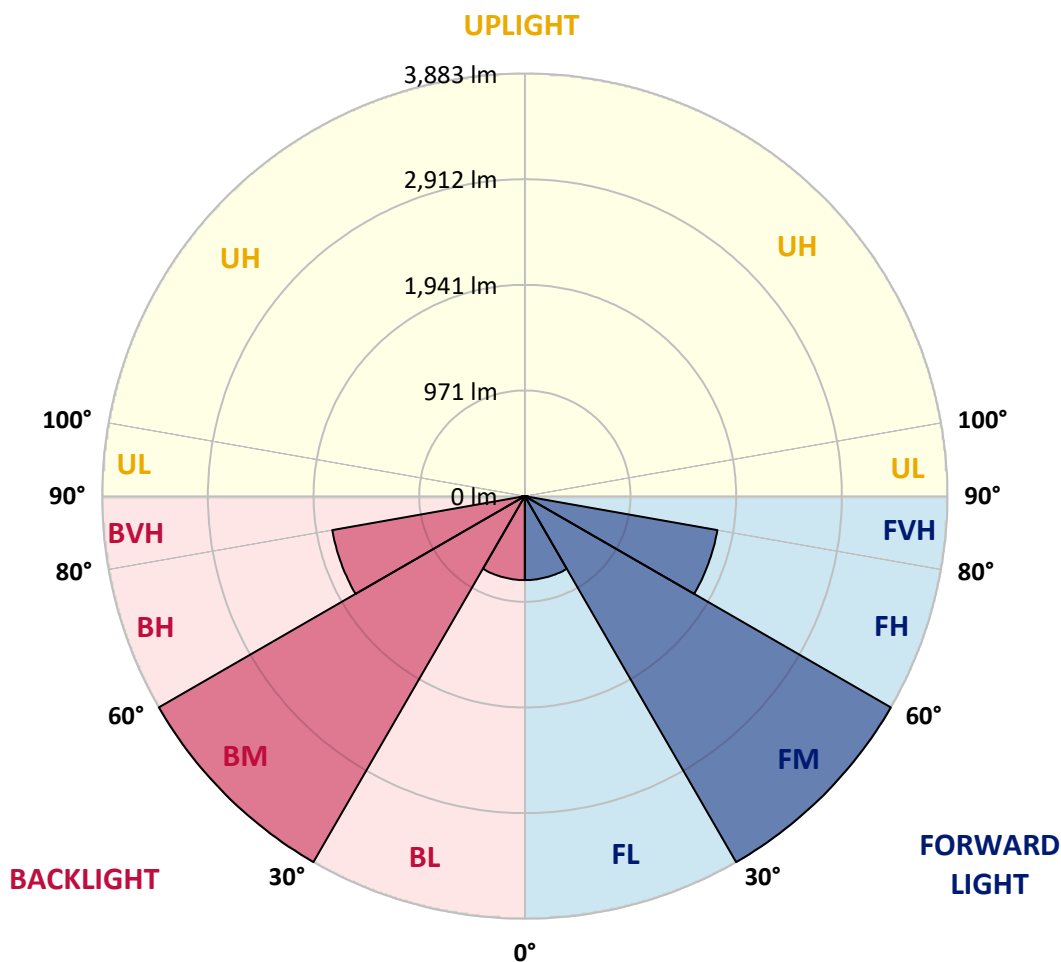
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	771.4	6.0			
FM (30°-60°)	3882.6	30.0			
FH (60°-80°)	1796.4	13.9			G1/1800
FVH (80°-90°)	27.9	0.2			G1/100
BL (0°-30°)	771.4	6.0	B2/1000		
BM (30°-60°)	3882.6	30.0	B3/5000		
BH (60°-80°)	1796.4	13.9	B3/2500		G1/1800
BVH (80°-90°)	27.9	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°	1489.8	1489.8	1489.8	1489.8	1489.8	1489.8	1489.8	1489.8	1489.8	1489.8	1489.8
2.5°	1498.0	1493.4	1498.0	1498.0	1495.2	1496.1	1492.5	1491.6	1496.1	1492.5	1491.6
5°	1528.9	1525.3	1528.9	1526.2	1521.6	1522.5	1517.1	1515.3	1520.7	1515.3	1516.2
7.5°	1564.4	1558.1	1559.9	1562.6	1558.1	1558.1	1553.5	1550.8	1553.5	1548.0	1551.7
10°	1594.5	1589.0	1591.8	1595.4	1594.5	1597.2	1592.7	1590.8	1588.1	1581.7	1587.2
12.5°	1633.6	1631.8	1635.5	1640.0	1638.2	1641.8	1631.8	1629.1	1628.2	1620.9	1627.3
15°	1684.6	1680.1	1686.5	1691.9	1689.2	1695.6	1687.4	1683.7	1679.2	1670.1	1675.5
17.5°	1735.6	1732.0	1741.1	1743.8	1744.7	1750.2	1743.8	1738.4	1736.5	1730.2	1726.5
20°	1796.6	1792.1	1799.4	1804.8	1800.3	1806.7	1803.9	1800.3	1798.5	1788.4	1787.5
22.5°	1864.9	1858.6	1869.5	1875.9	1869.5	1875.9	1870.4	1869.5	1870.4	1855.8	1857.7
25°	1941.4	1942.3	1953.3	1957.8	1954.2	1957.8	1949.6	1955.1	1952.4	1936.9	1931.4
27.5°	2039.8	2036.1	2048.0	2061.6	2052.5	2052.5	2048.9	2054.3	2053.4	2038.9	2035.2
30°	2154.5	2153.6	2170.9	2179.1	2166.3	2160.9	2160.0	2173.6	2174.5	2159.1	2152.7
32.5°	2274.7	2274.7	2295.7	2305.7	2287.5	2283.8	2280.2	2298.4	2295.7	2274.7	2261.1
35°	2406.8	2401.3	2429.5	2444.1	2425.9	2414.9	2413.1	2429.5	2425.9	2396.7	2380.3
37.5°	2537.0	2540.6	2573.4	2589.8	2567.9	2554.3	2558.8	2569.8	2570.7	2538.8	2521.5
40°	2696.3	2697.2	2738.2	2751.0	2722.7	2701.8	2708.2	2732.7	2730.9	2691.8	2669.9
42.5°	2874.8	2871.2	2922.2	2933.1	2894.8	2854.8	2873.9	2912.1	2921.2	2877.5	2854.8
45°	3066.0	3071.5	3124.3	3136.2	3076.1	3025.1	3066.0	3123.4	3135.2	3087.9	3059.7
47.5°	3298.2	3304.6	3368.4	3372.9	3304.6	3238.1	3292.8	3367.4	3372.0	3306.4	3273.7
50°	3563.2	3585.1	3656.1	3665.2	3597.8	3512.2	3590.5	3657.0	3639.7	3552.3	3522.3
52.5°	3863.7	3881.0	3992.1	4030.4	3971.2	3879.2	3942.0	3983.0	3927.5	3812.7	3766.3
55°	4119.6	4148.8	4296.3	4412.8	4457.5	4388.2	4381.0	4320.9	4166.1	3991.2	3943.0
57.5°	4191.6	4219.8	4448.3	4748.8	5013.8	5048.4	4888.2	4586.8	4253.5	3983.9	3934.8
60°	3899.2	3937.5	4271.7	4840.8	5601.2	5914.4	5335.3	4609.5	4026.7	3665.2	3603.3
62.5°	3062.4	3133.4	3565.1	4457.5	5837.9	6703.0	5519.2	4217.0	3342.9	2915.8	2833.8
65°	1665.5	1726.5	2202.8	3321.9	5358.0	6871.5	5068.5	3210.8	2186.4	1757.5	1712.9
67.5°	624.7	669.3	887.8	1641.8	3788.2	5874.4	3847.3	1838.5	992.6	712.1	649.3
70°	265.9	271.4	321.4	571.9	1722.0	3821.8	1969.7	624.7	331.5	267.7	260.4
72.5°	191.2	192.1	205.8	253.2	524.5	1676.4	595.5	262.3	202.2	182.1	182.1
75°	153.0	153.9	162.1	183.0	247.7	493.6	256.8	183.9	156.6	143.0	141.1
77.5°	120.2	122.0	130.2	143.0	165.7	225.8	173.9	144.8	125.7	112.9	111.1
80°	89.2	92.0	102.9	109.3	116.6	150.3	126.6	112.9	100.2	86.5	83.8
82.5°	59.2	61.9	76.5	81.0	80.1	94.7	87.4	86.5	76.5	57.4	54.6
85°	35.5	37.3	49.2	52.8	49.2	46.4	55.5	60.1	53.7	37.3	34.6
87.5°	15.5	15.5	21.9	22.8	21.9	17.3	26.4	31.0	31.9	19.1	17.3
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)