

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: P672818

Luminaire Tested: **CCP-SA-2E-730-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672818
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-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ RW distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

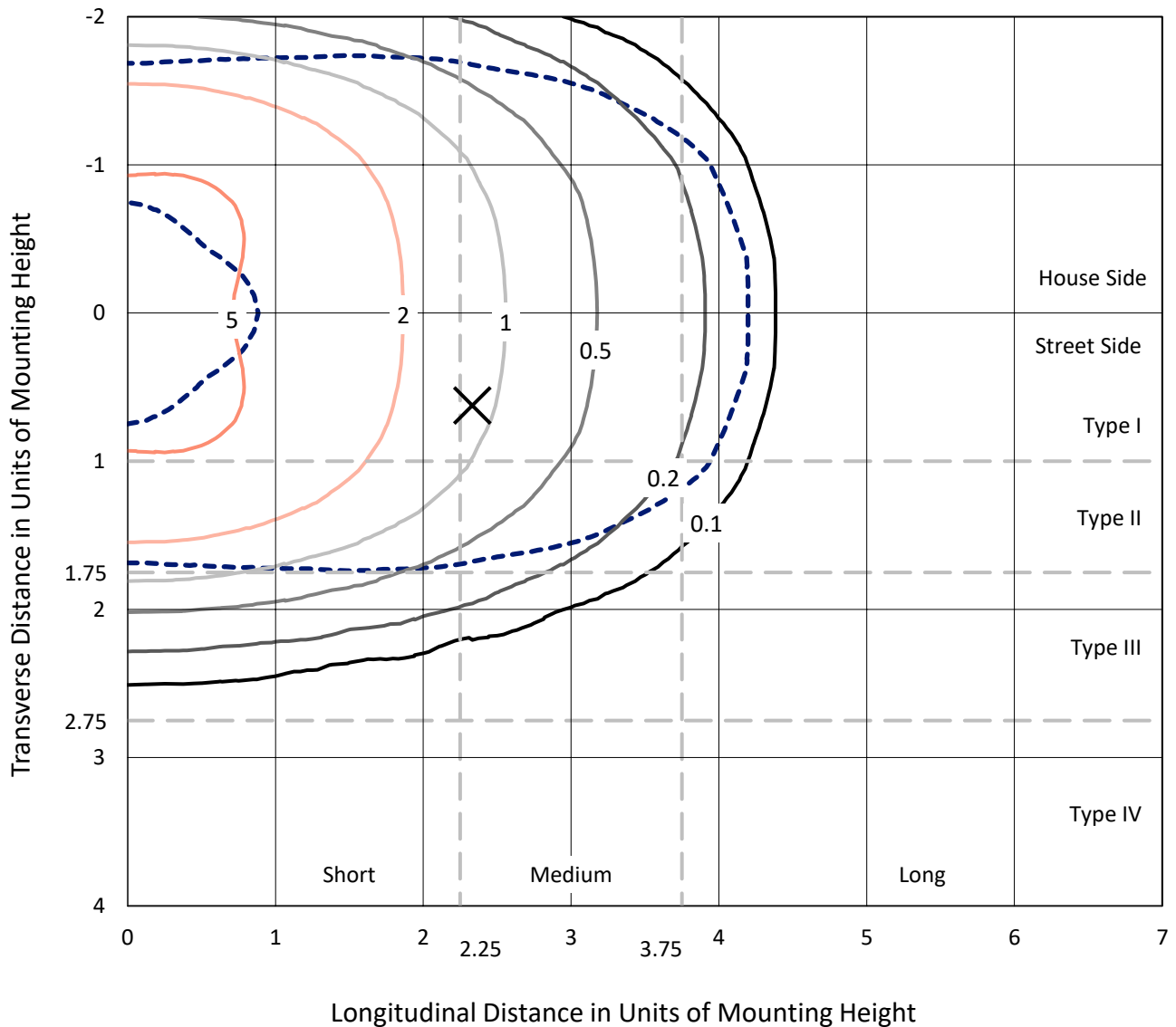
Lumens per Lamp: N/A
Luminaire Lumens: 12665.3 lumens
Efficiency: N/A
Efficacy: 118.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

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

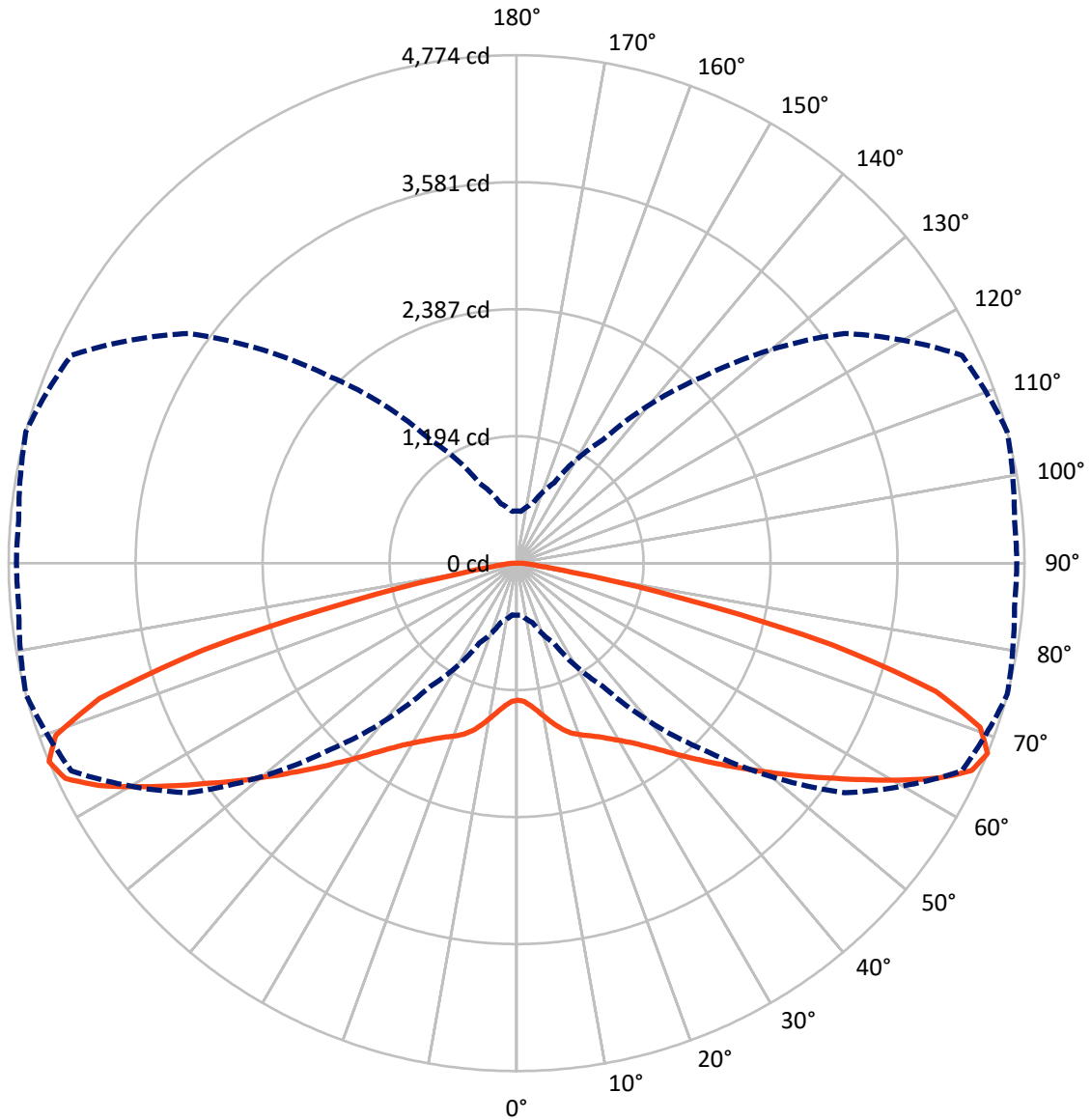
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 6.6 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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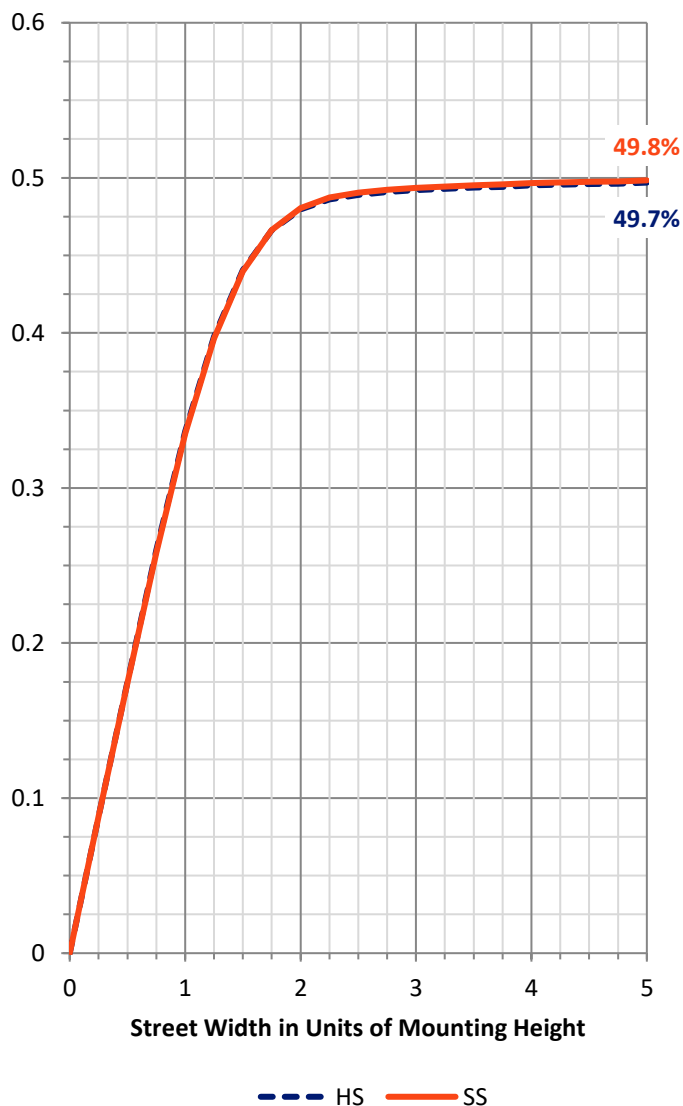
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6332.7	0.0	6332.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	6332.7	0.0	6332.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	12665.3	0.0	12665.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.5	1.0
10°-20°	429.6	3.4
20°-30°	838.9	6.6
30°-40°	1447.2	11.4
40°-50°	2344.3	18.5
50°-60°	3188.3	25.2
60°-70°	2941.3	23.2
70°-80°	1230.7	9.7
80°-90°	117.5	0.9
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°	12665.3	100.0
0°-180°	12665.3	100.0



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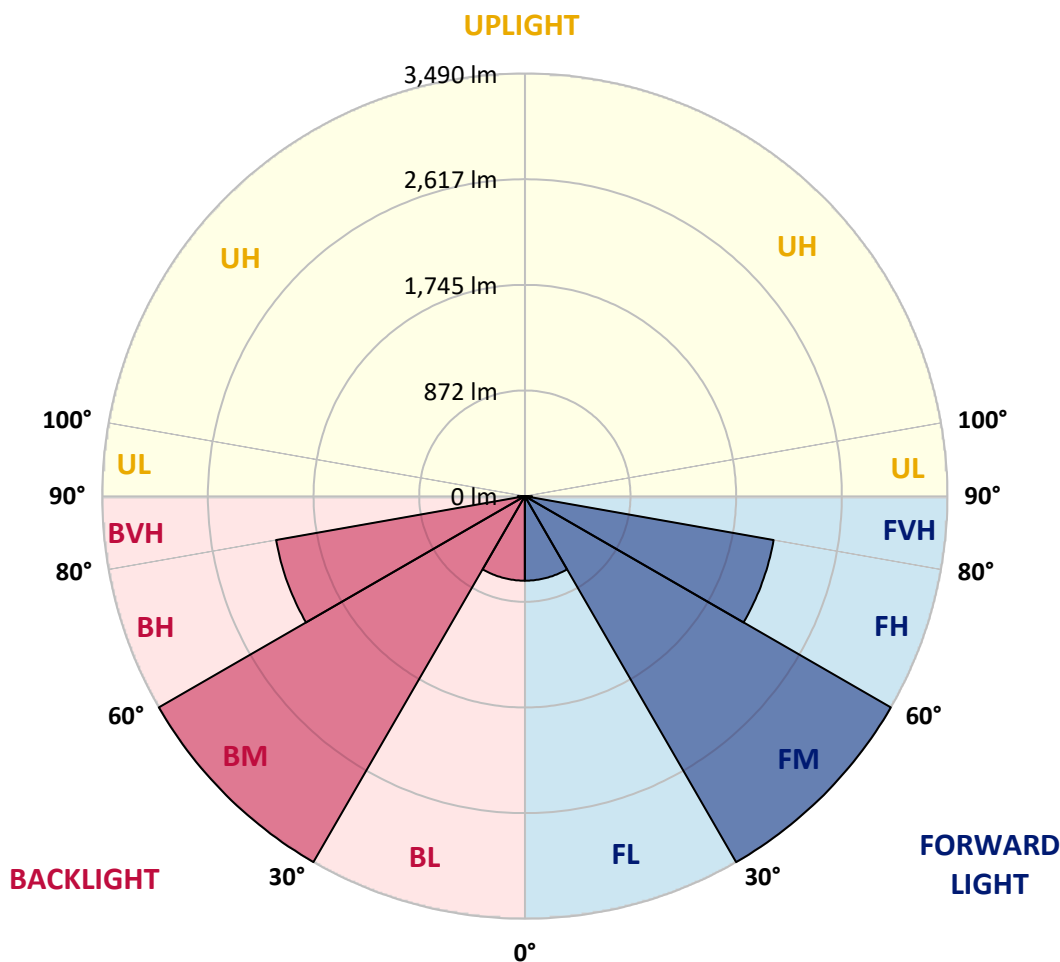
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	698.0	5.5			
FM (30°-60°)	3489.9	27.6			
FH (60°-80°)	2086.0	16.5			G2/5000
FVH (80°-90°)	58.8	0.5			G1/100
BL (0°-30°)	698.0	5.5	B2/1000		
BM (30°-60°)	3489.9	27.6	B3/5000		
BH (60°-80°)	2086.0	16.5	B3/2500		G3/2500
BVH (80°-90°)	58.8	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1288.5	1288.5	1288.5	1288.5	1288.5	1288.5	1288.5	1288.5	1288.5	1288.5	1288.5
2.5°	1280.3	1280.3	1284.0	1288.5	1290.3	1294.0	1294.9	1294.9	1300.3	1299.4	1300.3
5°	1276.7	1276.7	1283.0	1291.2	1300.3	1311.3	1322.2	1328.6	1342.2	1345.0	1345.9
7.5°	1280.3	1281.2	1290.3	1304.0	1319.5	1339.5	1360.4	1377.7	1400.5	1408.7	1414.2
10°	1294.0	1294.9	1306.7	1325.8	1349.5	1378.7	1408.7	1436.0	1472.4	1488.8	1491.6
12.5°	1314.9	1315.8	1333.1	1364.1	1397.8	1434.2	1467.9	1502.5	1548.0	1572.6	1578.1
15°	1346.8	1344.1	1371.4	1416.9	1464.3	1509.8	1539.8	1573.5	1621.8	1653.7	1661.9
17.5°	1390.5	1392.3	1426.0	1484.3	1542.6	1589.0	1619.1	1638.2	1680.1	1712.8	1721.0
20°	1445.1	1453.3	1496.1	1563.5	1631.8	1681.0	1701.9	1699.2	1722.9	1751.1	1757.5
22.5°	1522.5	1528.0	1579.9	1655.5	1733.8	1784.8	1793.0	1762.9	1762.0	1780.2	1788.4
25°	1613.6	1618.1	1672.8	1760.2	1843.1	1896.8	1888.6	1836.7	1809.4	1810.3	1815.7
27.5°	1720.1	1729.2	1785.7	1874.9	1960.5	2009.7	1997.9	1922.3	1868.6	1852.2	1848.5
30°	1858.5	1868.6	1925.9	2011.5	2087.1	2130.8	2112.6	2017.0	1936.9	1909.5	1904.1
32.5°	2038.8	2037.9	2097.1	2180.0	2232.8	2261.0	2225.5	2117.2	2016.1	1979.7	1972.4
35°	2224.6	2233.7	2292.0	2372.1	2412.2	2414.0	2357.6	2235.5	2115.3	2052.5	2038.8
37.5°	2434.0	2438.6	2506.0	2581.6	2608.0	2593.4	2509.6	2373.9	2235.5	2169.1	2145.4
40°	2648.9	2653.5	2731.8	2804.7	2833.8	2799.2	2689.0	2526.9	2377.6	2304.7	2291.1
42.5°	2848.4	2860.2	2947.6	3033.2	3061.4	3021.4	2888.4	2694.5	2527.8	2457.7	2439.5
45°	3014.1	3026.8	3125.2	3234.5	3284.5	3251.8	3101.5	2883.0	2700.8	2625.3	2594.3
47.5°	3138.8	3155.2	3260.0	3391.1	3488.5	3482.1	3328.3	3082.4	2886.6	2797.4	2769.1
50°	3224.4	3241.7	3354.7	3495.8	3642.4	3691.6	3558.6	3302.8	3093.3	2993.2	2974.0
52.5°	3230.8	3246.3	3375.6	3551.4	3747.1	3855.5	3785.4	3535.0	3321.0	3217.2	3203.5
55°	3088.8	3099.7	3271.8	3505.8	3789.9	3981.2	3992.1	3788.1	3564.1	3459.4	3453.0
57.5°	2762.8	2778.3	2984.0	3293.7	3718.9	4062.2	4171.5	4053.1	3839.1	3740.8	3735.3
60°	2231.9	2251.9	2486.9	2898.5	3462.1	4041.3	4323.5	4301.7	4139.6	4044.0	4040.3
62.5°	1574.4	1581.7	1826.7	2280.2	2959.5	3819.1	4397.3	4543.9	4451.0	4354.5	4360.0
65°	925.2	935.2	1114.6	1522.5	2244.6	3308.2	4269.8	4712.4	4700.5	4612.2	4621.3
67.5°	489.0	489.0	579.1	832.3	1411.4	2476.8	3762.6	4619.5	4774.3	4696.9	4701.4
70°	337.8	336.9	353.3	418.0	682.0	1535.3	2814.7	4133.2	4624.0	4594.9	4606.7
72.5°	285.9	284.1	285.0	294.1	346.9	693.9	1709.2	3183.5	4122.3	4166.9	4176.9
75°	250.4	247.7	245.9	244.0	248.6	315.1	779.5	1964.2	3056.0	3336.5	3331.0
77.5°	215.8	214.0	212.2	205.8	198.5	206.7	318.7	883.3	1571.7	1854.9	1834.9
80°	177.6	177.6	180.3	171.2	157.5	152.1	190.3	329.6	521.8	544.5	500.8
82.5°	139.3	139.3	153.0	140.2	123.8	110.2	132.0	175.7	212.2	172.1	140.2
85°	98.3	99.3	127.5	116.6	95.6	63.7	82.0	104.7	119.3	75.6	59.2
87.5°	40.1	42.8	79.2	62.8	60.1	31.9	38.2	46.4	59.2	31.9	25.5
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)