

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: P672375

Luminaire Tested: **CCP-SA-2E-727-U-5WQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672375
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2E-727-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5WQ distribution lens
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

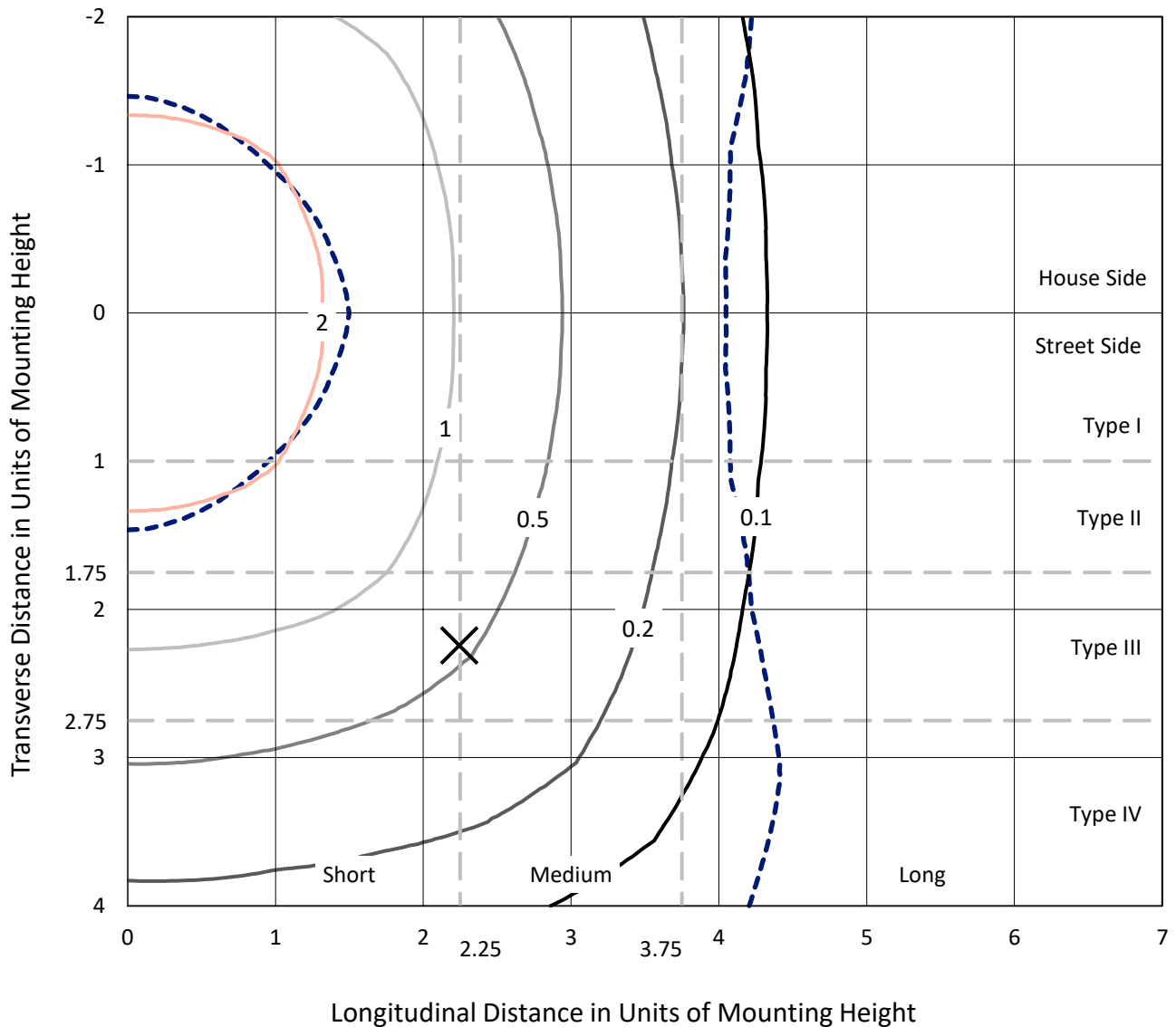
Lumens per Lamp: N/A
Luminaire Lumens: 11984.9 lumens
Efficiency: N/A
Efficacy: 112.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G2

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

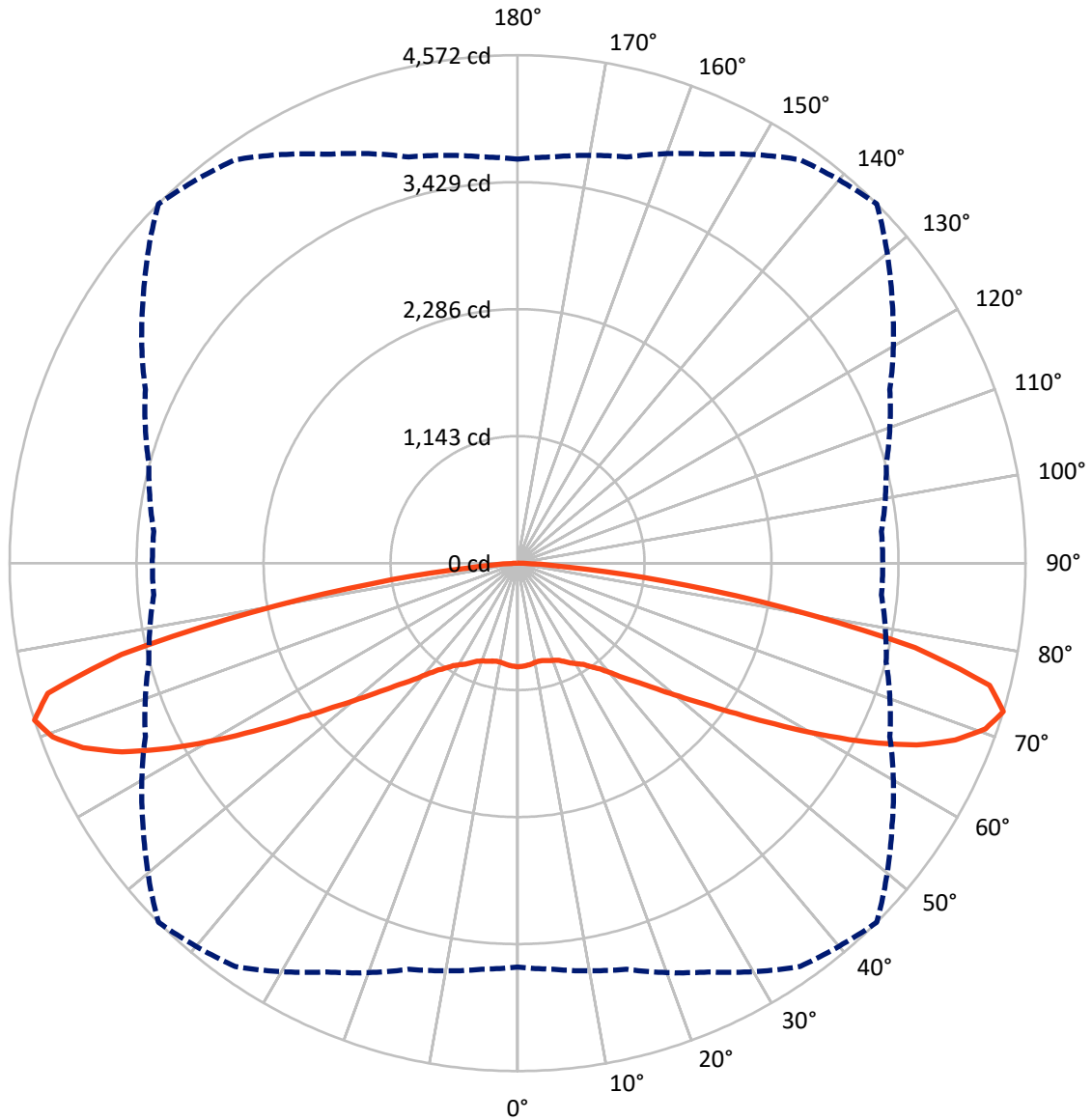
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.1 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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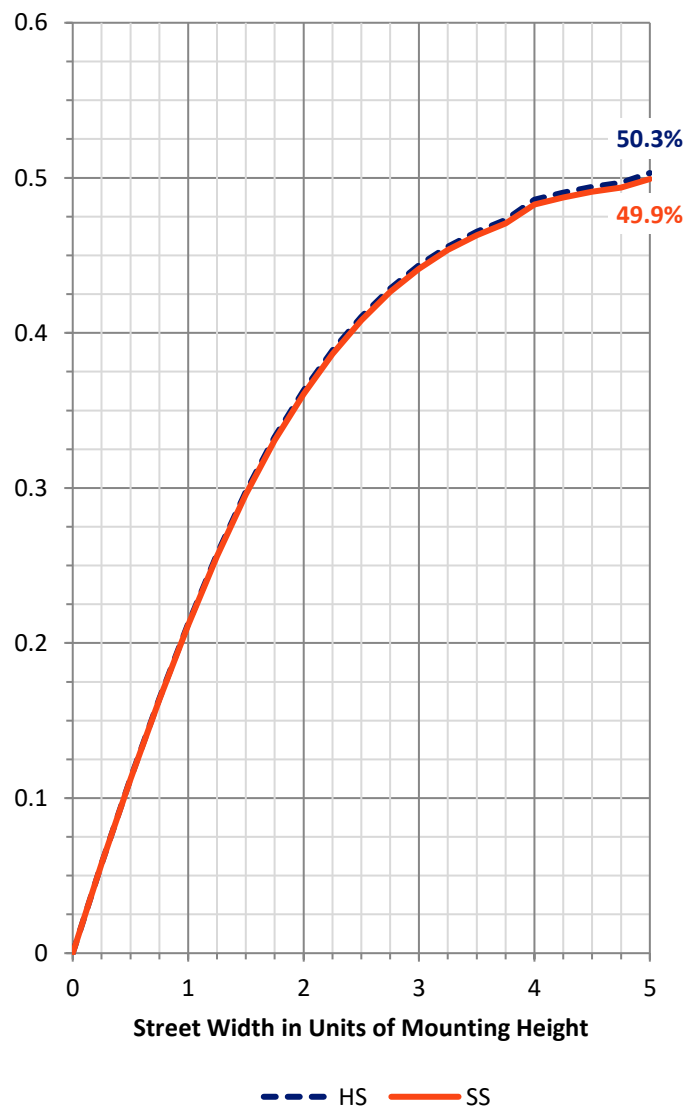
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5992.4	0.0	5992.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5992.4	0.0	5992.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	11984.9	0.0	11984.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.6	0.7
10°-20°	260.3	2.2
20°-30°	457.2	3.8
30°-40°	729.5	6.1
40°-50°	1219.9	10.2
50°-60°	2087.4	17.4
60°-70°	3446.1	28.8
70°-80°	3302.9	27.6
80°-90°	393.9	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°	11984.9	100.0
0°-180°	11984.9	100.0



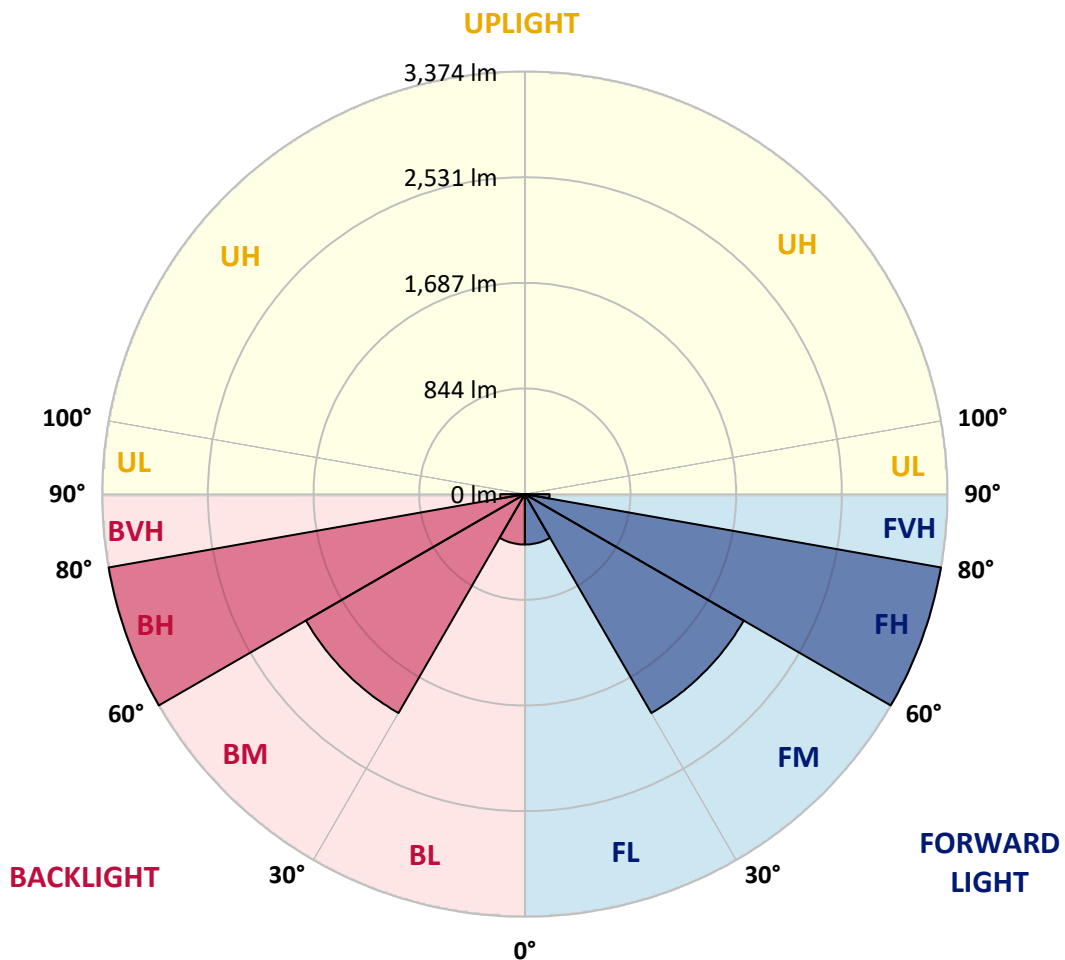
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	402.6	3.4			
FM (30°-60°)	2018.4	16.8			
FH (60°-80°)	3374.5	28.2			G2/5000
FVH (80°-90°)	196.9	1.6			G2/225
BL (0°-30°)	402.6	3.4	B1/500		
BM (30°-60°)	2018.4	16.8	B2/2500		
BH (60°-80°)	3374.5	28.2	B4/5000		G2/5000
BVH (80°-90°)	196.9	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°	933.3	933.3	933.3	933.3	933.3	933.3	933.3	933.3	933.3	933.3	933.3
2.5°	927.4	927.4	929.9	930.8	929.9	929.1	928.3	927.4	929.9	929.1	929.9
5°	924.9	924.9	925.8	926.6	924.9	924.1	922.4	921.6	923.2	923.2	924.9
7.5°	918.2	917.4	918.2	919.1	916.6	915.7	913.2	913.2	913.2	912.4	914.0
10°	912.4	910.7	910.7	909.0	904.8	905.7	902.3	904.8	909.0	909.9	910.7
12.5°	914.9	913.2	911.5	907.4	901.5	902.3	901.5	904.0	909.9	913.2	915.7
15°	926.6	924.9	920.7	913.2	909.9	909.9	908.2	909.0	917.4	922.4	924.9
17.5°	939.1	935.8	928.3	923.2	919.9	922.4	916.6	915.7	922.4	929.9	932.4
20°	949.2	946.7	937.5	931.6	931.6	934.1	928.3	924.9	932.4	941.6	944.1
22.5°	966.7	965.1	955.9	950.0	950.0	950.8	947.5	945.0	953.3	962.5	965.1
25°	991.8	991.8	982.6	980.1	979.3	980.9	976.8	974.3	981.8	988.5	991.0
27.5°	1021.1	1018.6	1011.1	1009.4	1012.7	1018.6	1011.1	1004.4	1010.2	1016.1	1016.9
30°	1052.0	1052.0	1045.3	1045.3	1047.8	1050.4	1043.7	1037.0	1042.8	1049.5	1050.4
32.5°	1095.5	1093.0	1090.5	1091.3	1090.5	1087.2	1083.8	1083.0	1088.0	1092.2	1093.8
35°	1149.0	1148.2	1144.9	1146.5	1146.5	1146.5	1136.5	1133.1	1141.5	1144.9	1143.2
37.5°	1231.8	1231.0	1222.6	1217.6	1211.8	1209.2	1196.7	1195.9	1215.9	1226.0	1224.3
40°	1333.0	1329.7	1322.1	1313.8	1306.3	1301.2	1288.7	1297.9	1318.8	1326.3	1326.3
42.5°	1443.4	1439.2	1430.9	1426.7	1421.7	1416.6	1399.9	1404.1	1429.2	1436.7	1428.4
45°	1578.9	1573.0	1563.8	1554.6	1547.1	1537.1	1528.7	1532.9	1559.6	1568.8	1562.2
47.5°	1722.7	1721.0	1713.5	1706.0	1699.3	1692.6	1681.7	1689.3	1712.7	1711.0	1697.6
50°	1874.9	1878.3	1879.1	1886.6	1881.6	1882.4	1862.4	1858.2	1876.6	1865.7	1849.0
52.5°	2038.8	2043.8	2061.4	2076.5	2104.1	2107.4	2082.3	2055.6	2052.2	2023.8	2006.2
55°	2228.7	2227.8	2266.3	2308.1	2369.2	2388.4	2332.4	2282.2	2254.6	2199.4	2181.0
57.5°	2443.6	2441.1	2499.6	2573.2	2683.6	2731.3	2628.4	2533.1	2466.2	2400.1	2380.9
60°	2676.9	2682.8	2753.8	2873.4	3064.1	3130.2	2974.6	2816.6	2714.5	2628.4	2620.9
62.5°	2949.5	2950.4	3034.0	3196.2	3443.8	3550.0	3335.9	3121.8	2992.2	2897.7	2877.6
65°	3271.5	3277.3	3366.8	3530.7	3815.1	3946.4	3699.7	3438.7	3285.7	3157.8	3155.2
67.5°	3601.8	3598.5	3680.4	3854.4	4128.7	4249.9	3991.5	3700.5	3501.5	3341.7	3320.8
70°	3813.4	3831.8	3920.4	4086.9	4349.4	4467.4	4152.9	3801.7	3593.5	3447.1	3437.1
72.5°	3635.3	3669.6	3784.1	4060.1	4432.2	4571.9	4114.5	3697.2	3434.6	3287.4	3287.4
75°	2951.2	3008.1	3167.8	3592.6	4146.2	4387.9	3809.2	3235.5	2853.4	2696.1	2696.1
77.5°	1798.0	1852.3	2068.1	2586.6	3348.4	3657.8	3105.1	2436.9	1994.5	1802.2	1777.1
80°	597.9	633.1	844.6	1314.6	2055.6	2434.4	2080.6	1384.0	893.1	680.7	677.4
82.5°	158.9	173.1	240.8	381.3	892.3	1318.8	951.7	456.6	261.8	203.2	187.3
85°	55.2	59.4	102.0	127.1	226.6	436.5	265.1	165.6	127.1	76.9	71.9
87.5°	15.9	17.6	41.0	44.3	65.2	51.0	71.9	66.1	60.2	25.1	22.6
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)