

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: P672528

Luminaire Tested: **CCP-SA-2C-730-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672528
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-730-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5MQ distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

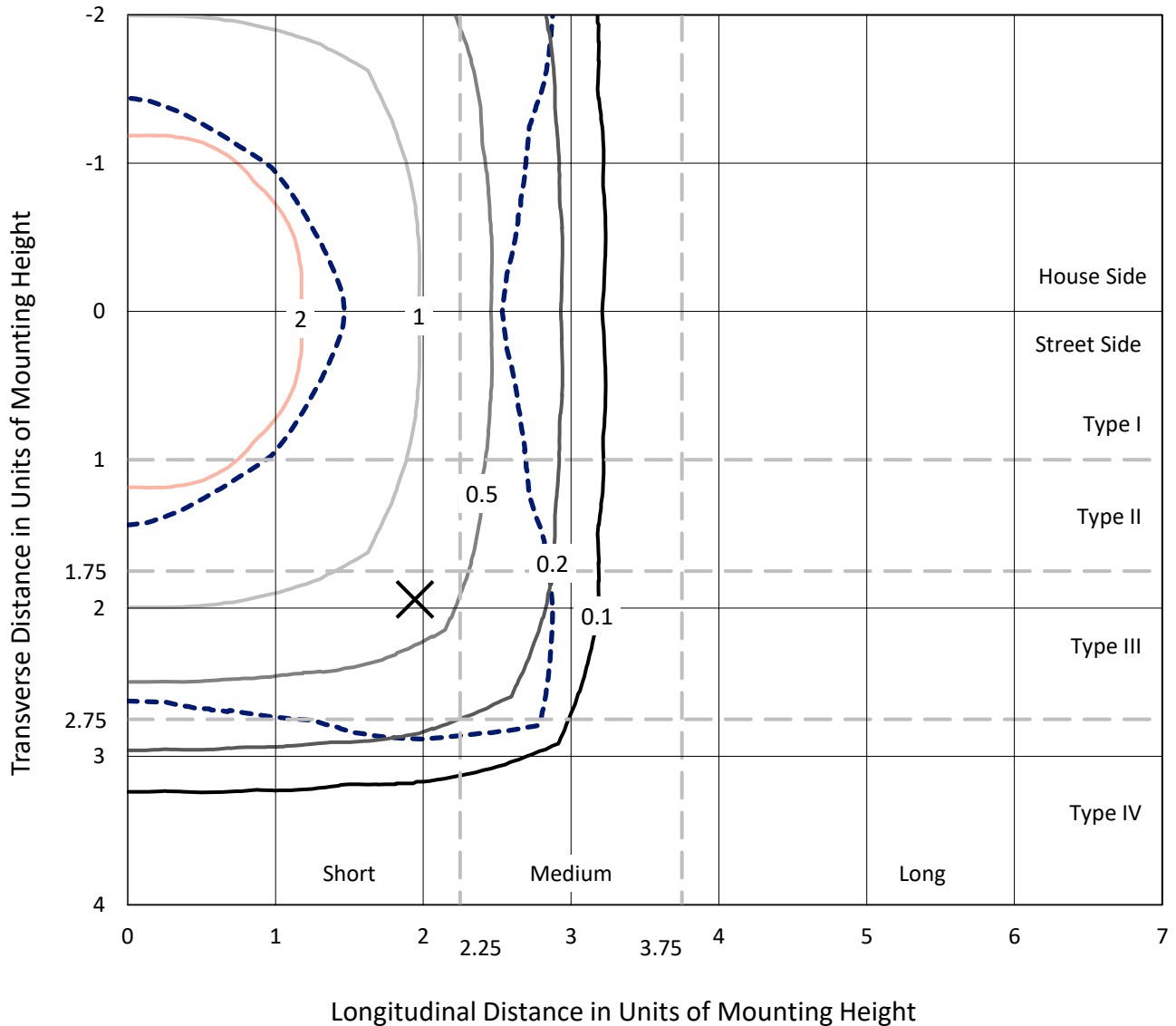
Lumens per Lamp: N/A
Luminaire Lumens: 8498.7 lumens
Efficiency: N/A
Efficacy: 136.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (A_{in}): 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

REPORT NUMBER: P672528
 CATALOG NUMBER: CCP-SA-2C-730-U-5MQ

Iso-Footcandle Lines of Horizontal Illumination

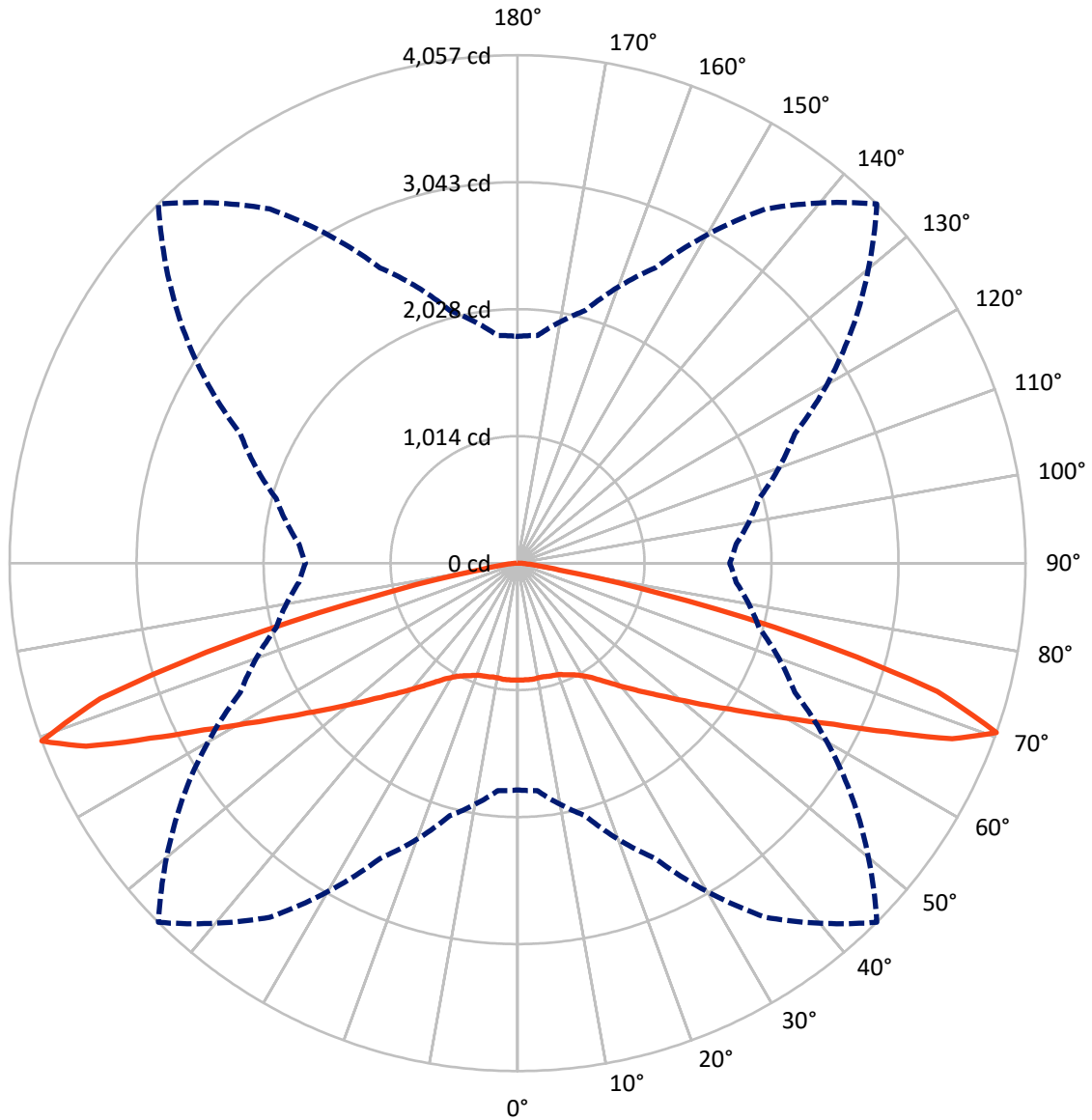
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.2 fc
 Type V - Short - N/A

REPORT NUMBER: P672528
CATALOG NUMBER: CCP-SA-2C-730-U-5MQ

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

REPORT NUMBER: P672528

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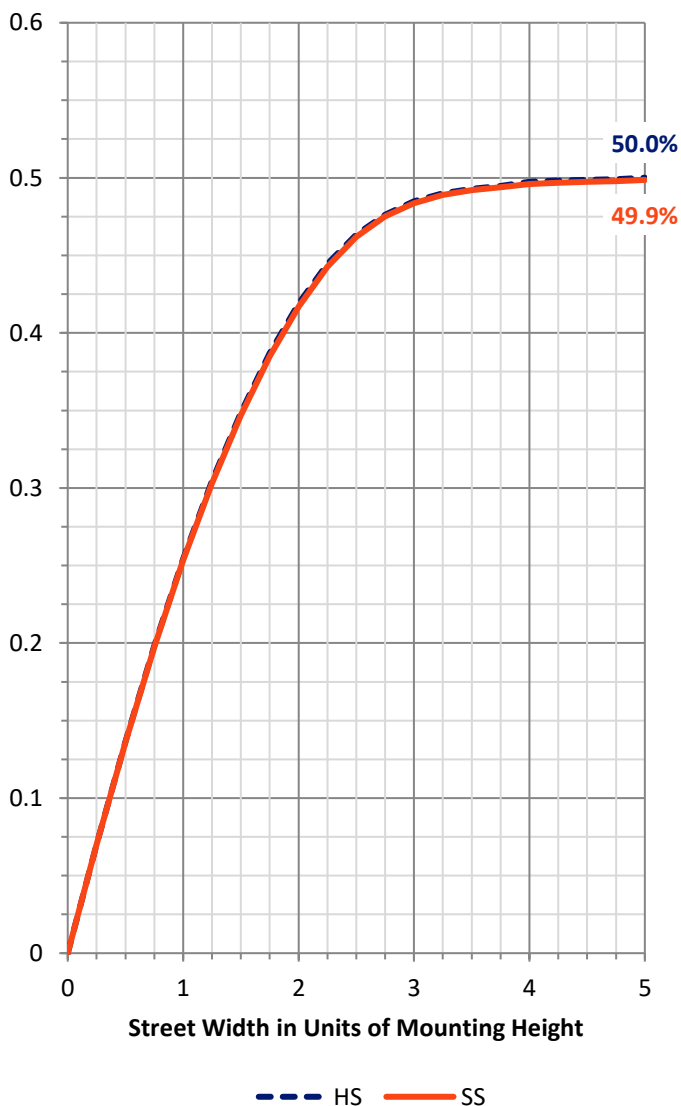
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4249.3	0.0	4249.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4249.3	0.0	4249.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	8498.7	0.0	8498.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.9	1.0
10°-20°	263.1	3.1
20°-30°	449.3	5.3
30°-40°	717.0	8.4
40°-50°	1157.0	13.6
50°-60°	1852.7	21.8
60°-70°	2712.3	31.9
70°-80°	1192.9	14.0
80°-90°	65.4	0.8
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°	8498.7	100.0
0°-180°	8498.7	100.0



REPORT NUMBER: P672528

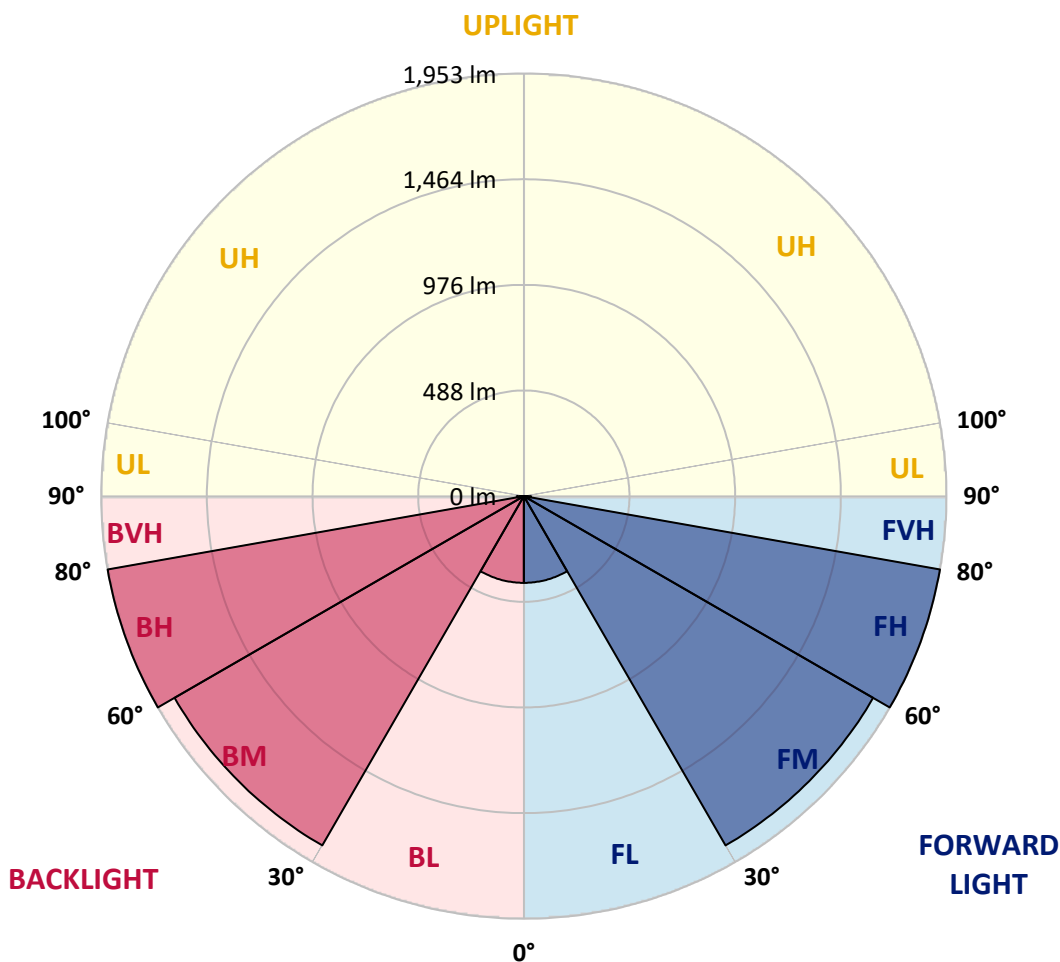
CATALOG NUMBER: CCP-SA-2C-730-U-5MQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	400.7	4.7			
FM (30°-60°)	1863.4	21.9			
FH (60°-80°)	1952.6	23.0			G2/5000
FVH (80°-90°)	32.7	0.4			G1/100
BL (0°-30°)	400.7	4.7	B1/500		
BM (30°-60°)	1863.4	21.9	B2/2500		
BH (60°-80°)	1952.6	23.0	B3/2500		G2/5000
BVH (80°-90°)	32.7	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short





REPORT NUMBER: P672528

CATALOG NUMBER: CCP-SA-2C-730-U-5MQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	934.6	934.6	934.6	934.6	934.6	934.6	934.6	934.6	934.6	934.6	934.6
2.5°	933.4	932.8	934.0	934.6	933.4	934.0	930.4	930.4	932.2	930.4	932.8
5°	937.6	936.4	937.6	937.6	934.6	934.6	930.4	929.2	930.4	927.4	929.8
7.5°	938.2	935.8	937.6	937.0	934.6	934.6	928.6	926.1	926.7	923.7	925.5
10°	932.2	931.0	933.4	932.2	930.4	930.4	925.5	921.9	921.9	918.9	920.7
12.5°	928.6	927.4	930.4	931.0	929.8	930.4	924.3	919.5	917.7	914.1	915.3
15°	928.6	926.1	931.0	932.2	933.4	937.6	928.6	920.1	916.5	911.7	912.9
17.5°	928.0	926.7	932.2	936.4	937.6	942.4	932.2	923.1	918.9	911.7	912.9
20°	928.0	927.4	934.0	941.8	945.4	949.6	938.8	930.4	923.1	915.3	915.3
22.5°	931.0	930.4	939.4	950.8	961.1	968.3	955.7	941.8	932.2	921.9	920.7
25°	943.6	942.4	953.2	967.1	980.9	988.2	975.5	961.7	947.8	936.4	935.2
27.5°	969.5	968.9	979.7	996.6	1006.2	1011.7	1000.8	988.8	974.9	961.7	961.1
30°	1004.4	1004.4	1018.3	1035.7	1041.2	1045.4	1034.5	1026.1	1011.7	997.2	996.0
32.5°	1046.6	1049.0	1065.2	1084.5	1088.1	1090.5	1079.1	1073.7	1058.0	1042.4	1040.0
35°	1102.0	1102.6	1122.5	1141.7	1146.5	1149.0	1135.7	1130.9	1116.4	1099.6	1096.0
37.5°	1172.4	1170.6	1189.3	1211.0	1215.8	1218.8	1208.0	1204.4	1186.3	1169.4	1164.0
40°	1251.3	1252.5	1273.6	1294.1	1297.1	1298.3	1292.9	1287.5	1270.6	1251.3	1244.7
42.5°	1342.9	1342.9	1367.5	1391.6	1391.6	1385.6	1383.2	1382.0	1365.7	1344.1	1336.8
45°	1447.6	1448.8	1479.5	1497.6	1498.8	1482.6	1485.0	1492.2	1476.5	1448.8	1439.2
47.5°	1562.6	1564.5	1600.6	1620.5	1616.8	1595.8	1609.0	1612.6	1594.6	1559.0	1546.4
50°	1683.7	1689.1	1729.4	1764.4	1759.6	1728.8	1746.3	1747.5	1718.0	1677.1	1659.6
52.5°	1814.4	1827.0	1880.6	1917.9	1922.7	1884.2	1899.3	1898.1	1860.1	1804.1	1792.7
55°	1976.3	1983.6	2036.6	2089.5	2107.6	2060.0	2076.9	2068.5	2017.3	1953.5	1934.2
57.5°	2138.3	2149.2	2217.2	2276.8	2313.0	2272.6	2276.2	2254.5	2190.1	2113.0	2103.4
60°	2330.4	2335.2	2410.5	2488.2	2550.8	2526.7	2509.9	2464.7	2388.8	2311.8	2297.9
62.5°	2487.6	2497.2	2609.2	2723.6	2829.6	2833.8	2782.7	2715.2	2594.2	2465.3	2437.6
65°	2530.9	2546.6	2703.8	2929.6	3150.0	3248.1	3107.8	2901.9	2631.5	2437.0	2395.5
67.5°	2329.2	2359.3	2583.9	2959.1	3448.1	3742.5	3366.8	2813.4	2435.8	2208.8	2169.0
70°	1811.3	1824.6	2088.3	2603.2	3452.9	4056.9	3262.6	2443.0	1996.8	1752.9	1694.5
72.5°	962.3	968.9	1206.8	1752.9	2809.8	3504.7	2695.9	1709.6	1175.4	953.8	887.0
75°	310.7	319.2	415.5	717.8	1550.0	2355.1	1589.7	711.2	405.3	327.0	309.5
77.5°	158.4	157.8	175.2	231.2	521.5	1154.4	551.6	249.3	175.2	157.2	152.4
80°	98.8	97.0	110.2	126.5	182.5	337.2	198.1	139.7	110.8	95.1	94.5
82.5°	56.0	56.0	74.1	81.3	103.0	139.1	115.6	95.7	75.9	56.6	54.8
85°	31.3	27.7	46.4	51.2	59.0	68.6	70.5	62.0	51.2	31.3	32.5
87.5°	11.4	12.6	21.7	20.5	23.5	16.3	28.9	32.5	28.9	15.1	12.6
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)