

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: P672693

Luminaire Tested: **CCP-SA-2B-740-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672693
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-740-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5NQ
distribution lens
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7186.7 lumens
Efficiency: N/A
Efficacy: 156.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

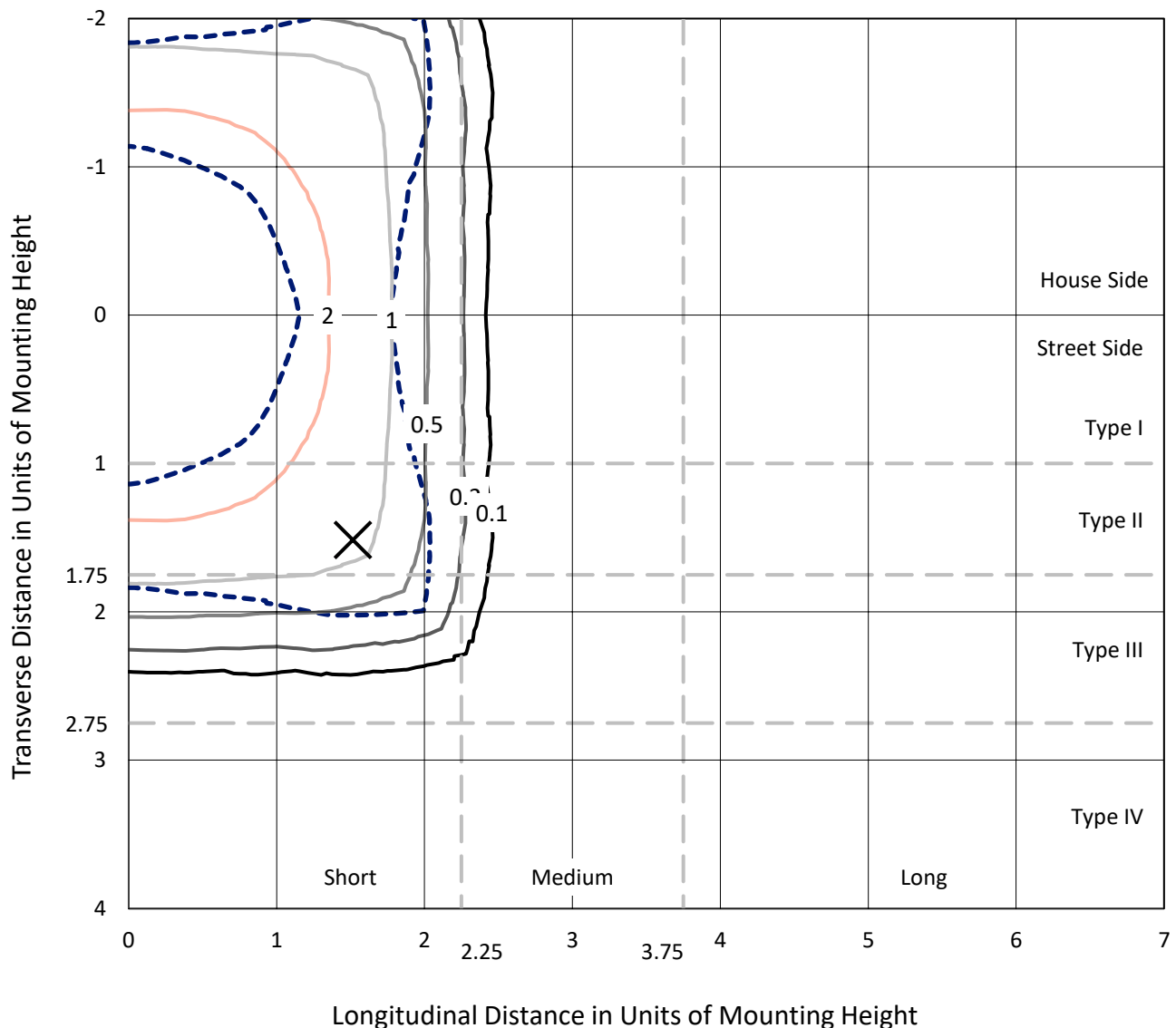
Input Watts (W): 46
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

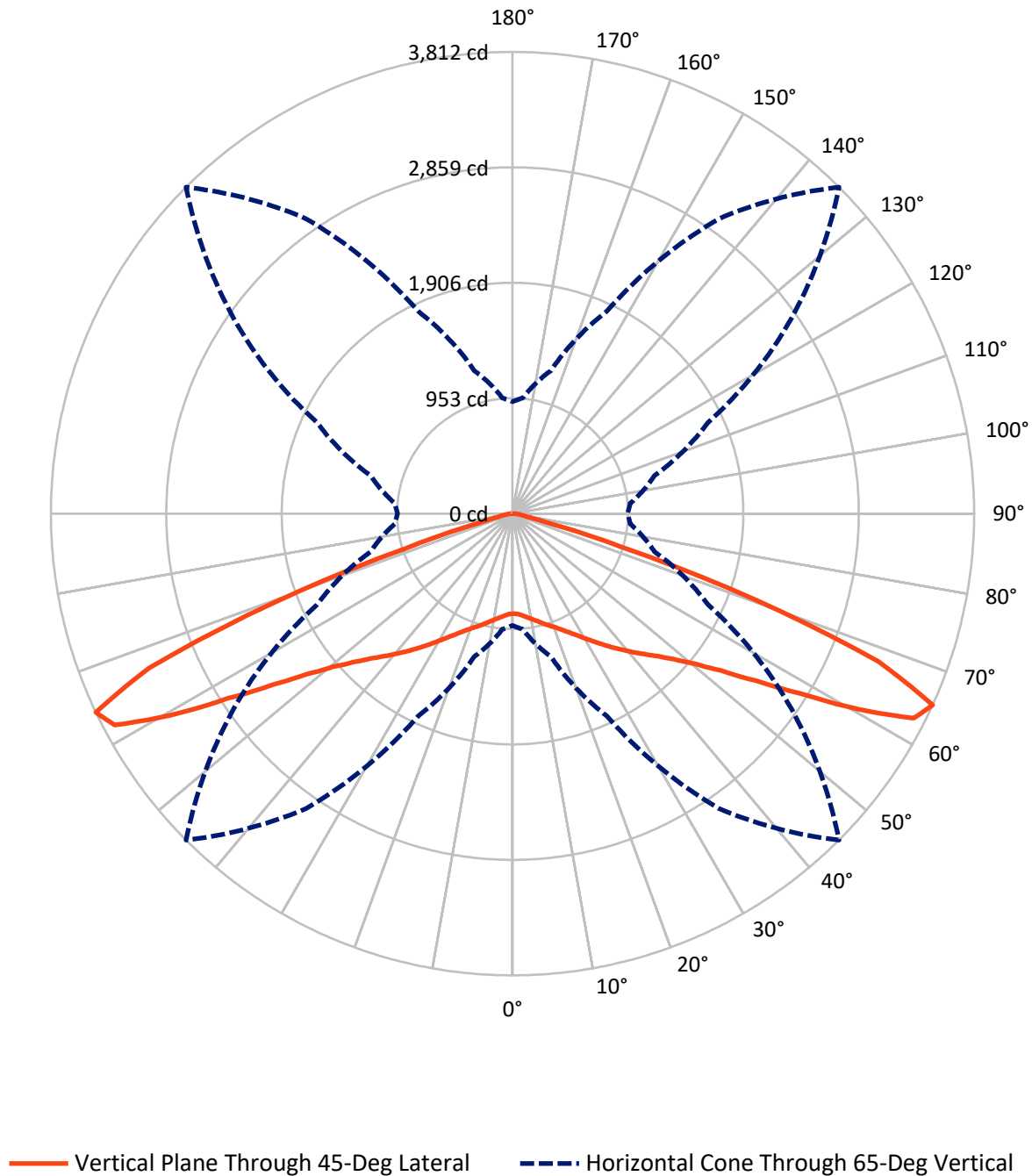
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.8 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3593.4	0.0	3593.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3593.4	0.0	3593.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	7186.7	0.0	7186.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.8	1.1
10°-20°	267.2	3.7
20°-30°	506.7	7.1
30°-40°	849.8	11.8
40°-50°	1344.8	18.7
50°-60°	2112.6	29.4
60°-70°	1785.0	24.8
70°-80°	207.8	2.9
80°-90°	31.0	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°	7186.7	100.0
0°-180°	7186.7	100.0

Coefficient of Utilization



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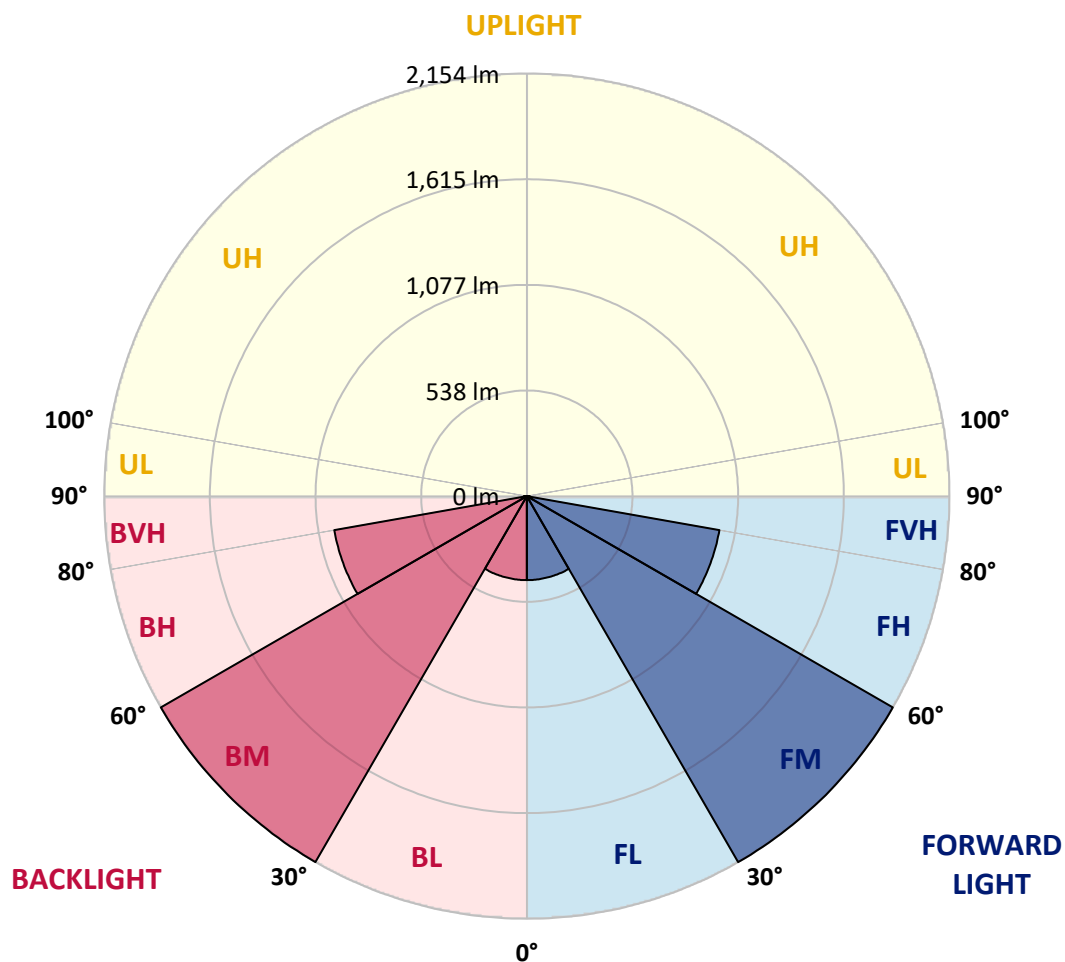
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	427.9	6.0			
FM	(30°-60°)	2153.6	30.0			
FH	(60°-80°)	996.4	13.9			G1/1800
FVH	(80°-90°)	15.5	0.2			G1/100
BL	(0°-30°)	427.9	6.0	B1/500		
BM	(30°-60°)	2153.6	30.0	B2/2500		
BH	(60°-80°)	996.4	13.9	B2/1000		G1/1800
BVH	(80°-90°)	15.5	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	826.3	826.3	826.3	826.3	826.3	826.3	826.3	826.3	826.3	826.3	826.3
2.5°	830.9	828.4	830.9	830.9	829.4	829.9	827.9	827.4	829.9	827.9	827.4
5°	848.1	846.0	848.1	846.6	844.0	844.5	841.5	840.5	843.5	840.5	841.0
7.5°	867.8	864.2	865.2	866.8	864.2	864.2	861.7	860.2	861.7	858.7	860.7
10°	884.4	881.4	882.9	884.9	884.4	886.0	883.4	882.4	880.9	877.4	880.4
12.5°	906.2	905.1	907.2	909.7	908.7	910.7	905.1	903.6	903.1	899.1	902.6
15°	934.4	931.9	935.5	938.5	937.0	940.5	936.0	933.9	931.4	926.4	929.4
17.5°	962.7	960.7	965.8	967.3	967.8	970.8	967.3	964.2	963.2	959.7	957.7
20°	996.6	994.0	998.1	1001.1	998.6	1002.1	1000.6	998.6	997.6	992.0	991.5
22.5°	1034.5	1030.9	1037.0	1040.5	1037.0	1040.5	1037.5	1037.0	1037.5	1029.4	1030.4
25°	1076.9	1077.4	1083.4	1086.0	1084.0	1086.0	1081.4	1084.5	1082.9	1074.4	1071.3
27.5°	1131.4	1129.4	1136.0	1143.6	1138.5	1138.5	1136.5	1139.5	1139.0	1130.9	1128.9
30°	1195.1	1194.6	1204.2	1208.7	1201.6	1198.6	1198.1	1205.7	1206.2	1197.6	1194.1
32.5°	1261.7	1261.7	1273.4	1278.9	1268.8	1266.8	1264.8	1274.9	1273.4	1261.7	1254.2
35°	1335.0	1332.0	1347.6	1355.7	1345.6	1339.5	1338.5	1347.6	1345.6	1329.4	1320.3
37.5°	1407.2	1409.2	1427.4	1436.5	1424.4	1416.8	1419.3	1425.4	1425.9	1408.2	1398.6
40°	1495.6	1496.1	1518.8	1525.9	1510.3	1498.6	1502.2	1515.8	1514.8	1493.1	1481.0
42.5°	1594.6	1592.6	1620.9	1626.9	1605.7	1583.5	1594.1	1615.3	1620.4	1596.1	1583.5
45°	1700.7	1703.7	1733.0	1739.6	1706.2	1678.0	1700.7	1732.5	1739.1	1712.8	1697.1
47.5°	1829.5	1833.0	1868.4	1870.9	1833.0	1796.1	1826.5	1867.9	1870.4	1834.0	1815.8
50°	1976.5	1988.6	2028.0	2033.0	1995.7	1948.2	1991.6	2028.5	2018.9	1970.4	1953.7
52.5°	2143.2	2152.7	2214.4	2235.6	2202.8	2151.7	2186.6	2209.3	2178.5	2114.9	2089.1
55°	2285.1	2301.2	2383.1	2447.7	2472.5	2434.1	2430.1	2396.7	2310.8	2213.9	2187.1
57.5°	2325.0	2340.6	2467.4	2634.1	2781.1	2800.3	2711.4	2544.2	2359.3	2209.8	2182.5
60°	2162.9	2184.1	2369.4	2685.1	3106.9	3280.6	2959.4	2556.8	2233.6	2033.0	1998.7
62.5°	1698.7	1738.1	1977.5	2472.5	3238.2	3718.1	3061.4	2339.1	1854.2	1617.3	1571.9
65°	923.8	957.7	1221.8	1842.6	2972.0	3811.5	2811.4	1781.0	1212.8	974.8	950.1
67.5°	346.5	371.3	492.5	910.7	2101.2	3258.4	2134.1	1019.8	550.6	395.0	360.1
70°	147.5	150.5	178.3	317.2	955.1	2119.9	1092.5	346.5	183.9	148.5	144.5
72.5°	106.1	106.6	114.2	140.4	290.9	929.9	330.3	145.5	112.1	101.0	101.0
75°	84.9	85.4	89.9	101.5	137.4	273.8	142.4	102.0	86.9	79.3	78.3
77.5°	66.7	67.7	72.2	79.3	91.9	125.3	96.5	80.3	69.7	62.6	61.6
80°	49.5	51.0	57.1	60.6	64.7	83.3	70.2	62.6	55.6	48.0	46.5
82.5°	32.8	34.3	42.4	45.0	44.4	52.5	48.5	48.0	42.4	31.8	30.3
85°	19.7	20.7	27.3	29.3	27.3	25.8	30.8	33.3	29.8	20.7	19.2
87.5°	8.6	8.6	12.1	12.6	12.1	9.6	14.6	17.2	17.7	10.6	9.6
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)