

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: P672704

Luminaire Tested: **CCP-SA-2B-750-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672704
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-750-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5NQ
distribution lens
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7351.3 lumens
Efficiency: N/A
Efficacy: 159.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

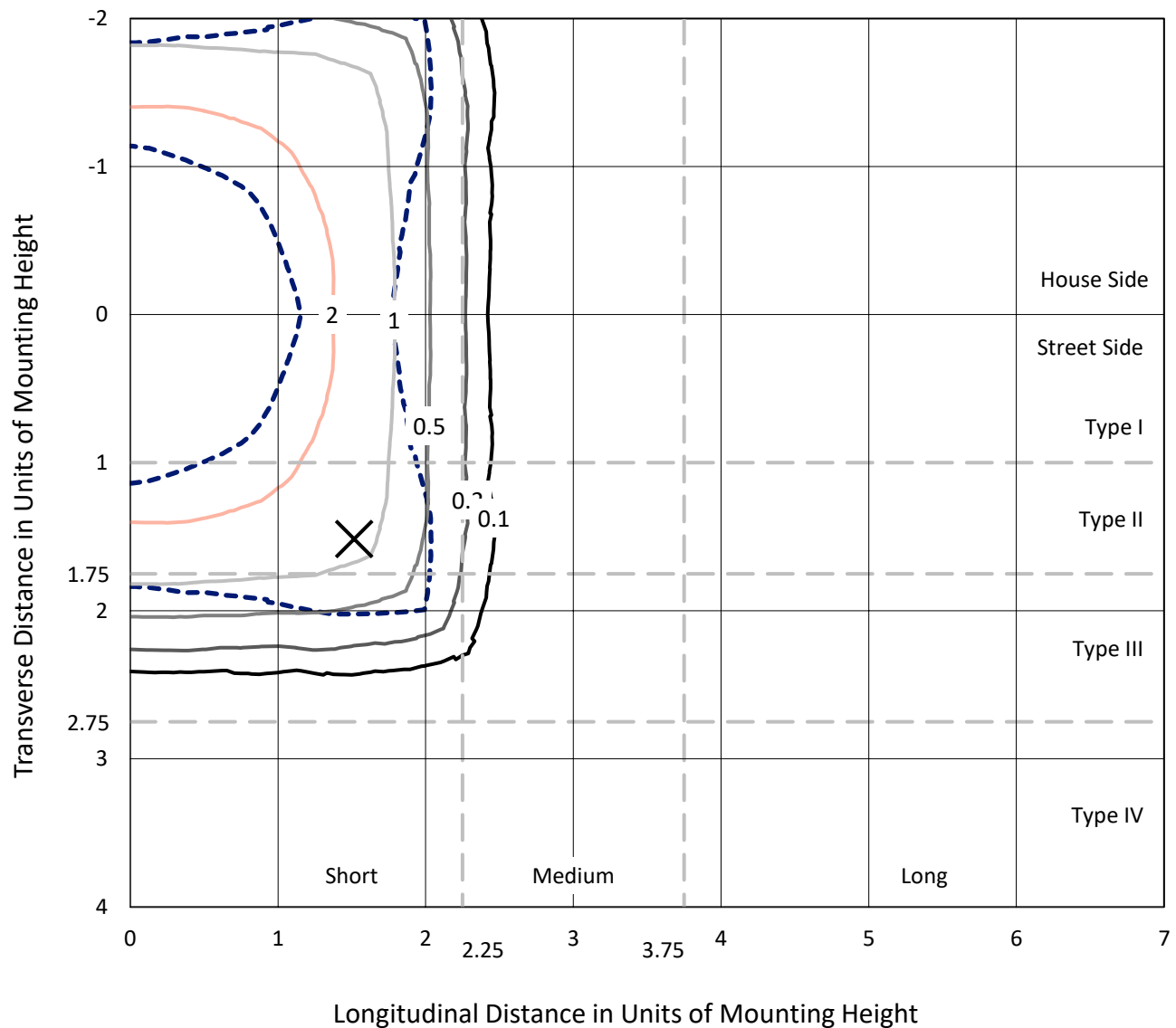
Input Watts (W): 46
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

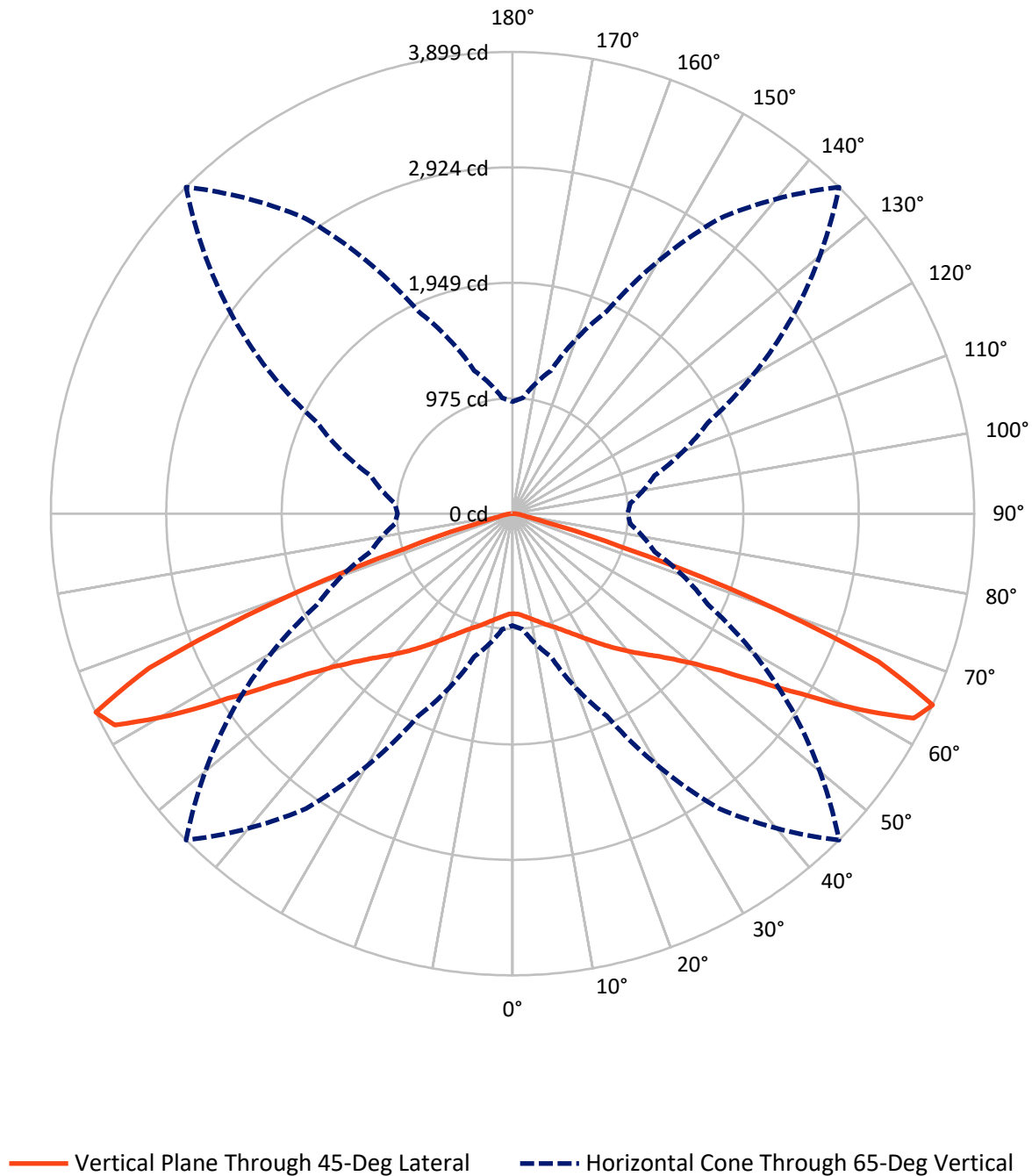


Based on 15 foot mounting height. Maximum calculated value = 3.8 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3675.7	0.0	3675.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3675.7	0.0	3675.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	7351.3	0.0	7351.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.7	1.1
10°-20°	273.3	3.7
20°-30°	518.3	7.1
30°-40°	869.3	11.8
40°-50°	1375.5	18.7
50°-60°	2161.0	29.4
60°-70°	1825.9	24.8
70°-80°	212.6	2.9
80°-90°	31.7	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°	7351.3	100.0
0°-180°	7351.3	100.0

Coefficient of Utilization



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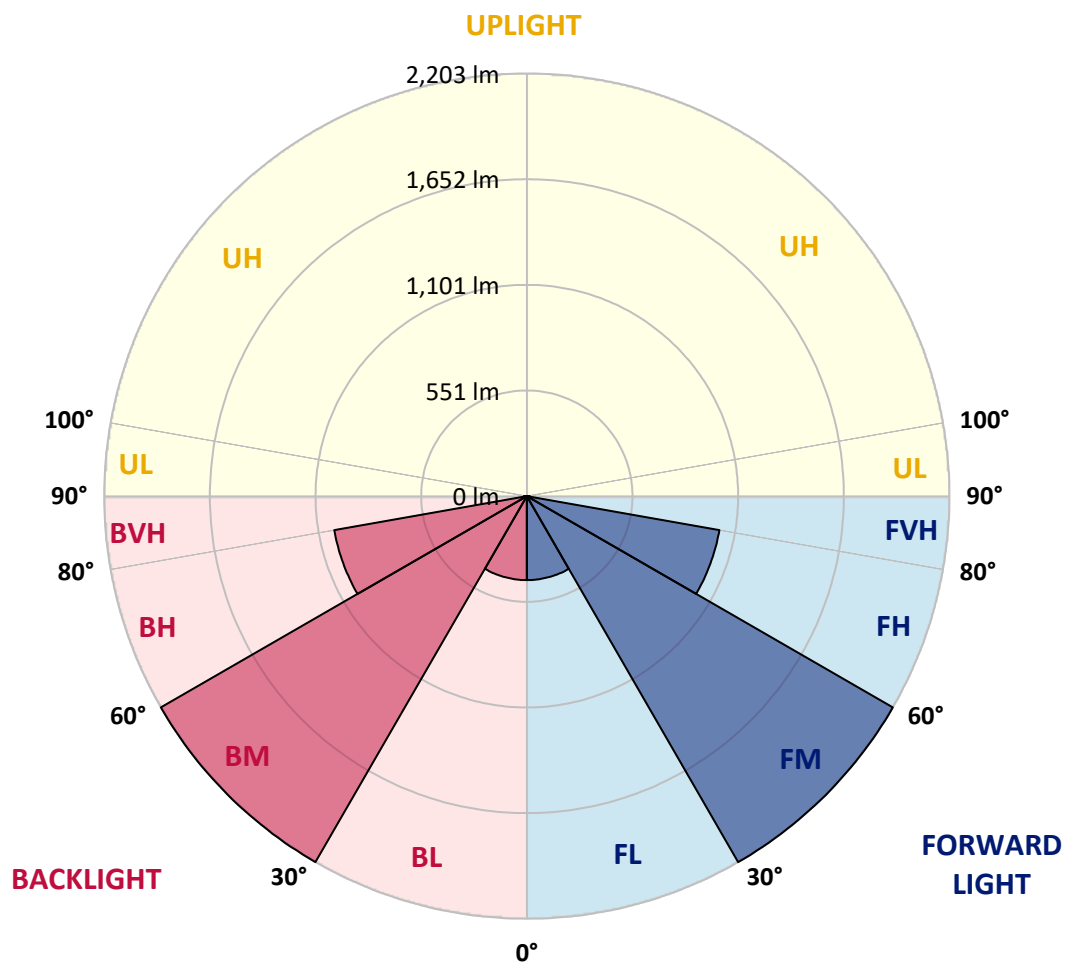
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	437.7	6.0			
FM	(30°-60°)	2202.9	30.0			
FH	(60°-80°)	1019.2	13.9			G1/1800
FVH	(80°-90°)	15.8	0.2			G1/100
BL	(0°-30°)	437.7	6.0	B1/500		
BM	(30°-60°)	2202.9	30.0	B2/2500		
BH	(60°-80°)	1019.2	13.9	B3/2500		G1/1800
BVH	(80°-90°)	15.8	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°	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3
2.5°	849.9	847.3	849.9	849.9	848.4	848.9	846.8	846.3	848.9	846.8	846.3
5°	867.5	865.4	867.5	865.9	863.4	863.9	860.8	859.7	862.8	859.7	860.3
7.5°	887.6	884.0	885.1	886.6	884.0	884.0	881.4	879.9	881.4	878.3	880.4
10°	904.7	901.6	903.1	905.2	904.7	906.2	903.7	902.6	901.1	897.5	900.6
12.5°	926.9	925.9	927.9	930.5	929.5	931.6	925.9	924.3	923.8	919.7	923.3
15°	955.8	953.3	956.9	960.0	958.4	962.0	957.4	955.3	952.7	947.6	950.7
17.5°	984.8	982.7	987.9	989.4	989.9	993.0	989.4	986.3	985.3	981.7	979.6
20°	1019.4	1016.8	1020.9	1024.0	1021.5	1025.1	1023.5	1021.5	1020.4	1014.7	1014.2
22.5°	1058.1	1054.5	1060.7	1064.3	1060.7	1064.3	1061.2	1060.7	1061.2	1053.0	1054.0
25°	1101.5	1102.1	1108.3	1110.8	1108.8	1110.8	1106.2	1109.3	1107.7	1099.0	1095.9
27.5°	1157.3	1155.3	1162.0	1169.7	1164.6	1164.6	1162.5	1165.6	1165.1	1156.8	1154.8
30°	1222.4	1221.9	1231.7	1236.4	1229.2	1226.1	1225.5	1233.3	1233.8	1225.0	1221.4
32.5°	1290.6	1290.6	1302.5	1308.2	1297.9	1295.8	1293.7	1304.1	1302.5	1290.6	1282.9
35°	1365.6	1362.5	1378.5	1386.7	1376.4	1370.2	1369.2	1378.5	1376.4	1359.9	1350.6
37.5°	1439.4	1441.5	1460.1	1469.4	1457.0	1449.3	1451.8	1458.0	1458.6	1440.5	1430.7
40°	1529.9	1530.4	1553.6	1560.9	1544.8	1533.0	1536.6	1550.5	1549.5	1527.3	1514.9
42.5°	1631.1	1629.1	1658.0	1664.2	1642.5	1619.8	1630.6	1652.3	1657.5	1632.7	1619.8
45°	1739.6	1742.7	1772.7	1779.4	1745.3	1716.4	1739.6	1772.2	1778.9	1752.0	1736.0
47.5°	1871.4	1875.0	1911.2	1913.7	1875.0	1837.3	1868.3	1910.6	1913.2	1876.0	1857.4
50°	2021.7	2034.1	2074.4	2079.6	2041.4	1992.8	2037.2	2074.9	2065.1	2015.5	1998.5
52.5°	2192.2	2202.0	2265.1	2286.8	2253.2	2201.0	2236.7	2259.9	2228.4	2163.3	2136.9
55°	2337.4	2353.9	2437.6	2503.8	2529.1	2489.8	2485.7	2451.6	2363.8	2264.6	2237.2
57.5°	2378.2	2394.2	2523.9	2694.4	2844.8	2864.4	2773.5	2602.5	2413.4	2260.4	2232.5
60°	2212.4	2234.1	2423.7	2746.6	3178.0	3355.8	3027.2	2615.4	2284.7	2079.6	2044.5
62.5°	1737.6	1777.9	2022.8	2529.1	3312.4	3803.2	3131.5	2392.7	1896.7	1654.4	1607.9
65°	945.0	979.6	1249.8	1884.8	3040.1	3898.8	2875.8	1821.8	1240.5	997.2	971.9
67.5°	354.4	379.8	503.8	931.6	2149.3	3333.0	2182.9	1043.2	563.2	404.0	368.4
70°	150.9	154.0	182.4	324.5	977.0	2168.5	1117.6	354.4	188.1	151.9	147.8
72.5°	108.5	109.0	116.8	143.6	297.6	951.2	337.9	148.8	114.7	103.3	103.3
75°	86.8	87.3	92.0	103.9	140.5	280.0	145.7	104.4	88.9	81.1	80.1
77.5°	68.2	69.2	73.9	81.1	94.0	128.1	98.7	82.2	71.3	64.1	63.0
80°	50.6	52.2	58.4	62.0	66.1	85.3	71.8	64.1	56.8	49.1	47.5
82.5°	33.6	35.1	43.4	46.0	45.5	53.7	49.6	49.1	43.4	32.6	31.0
85°	20.2	21.2	27.9	30.0	27.9	26.4	31.5	34.1	30.5	21.2	19.6
87.5°	8.8	8.8	12.4	12.9	12.4	9.8	15.0	17.6	18.1	10.9	9.8
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)