

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: P672671

Luminaire Tested: **CCP-SA-2B-730-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672671
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-730-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5NQ
distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6544.2 lumens
Efficiency: N/A
Efficacy: 142.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

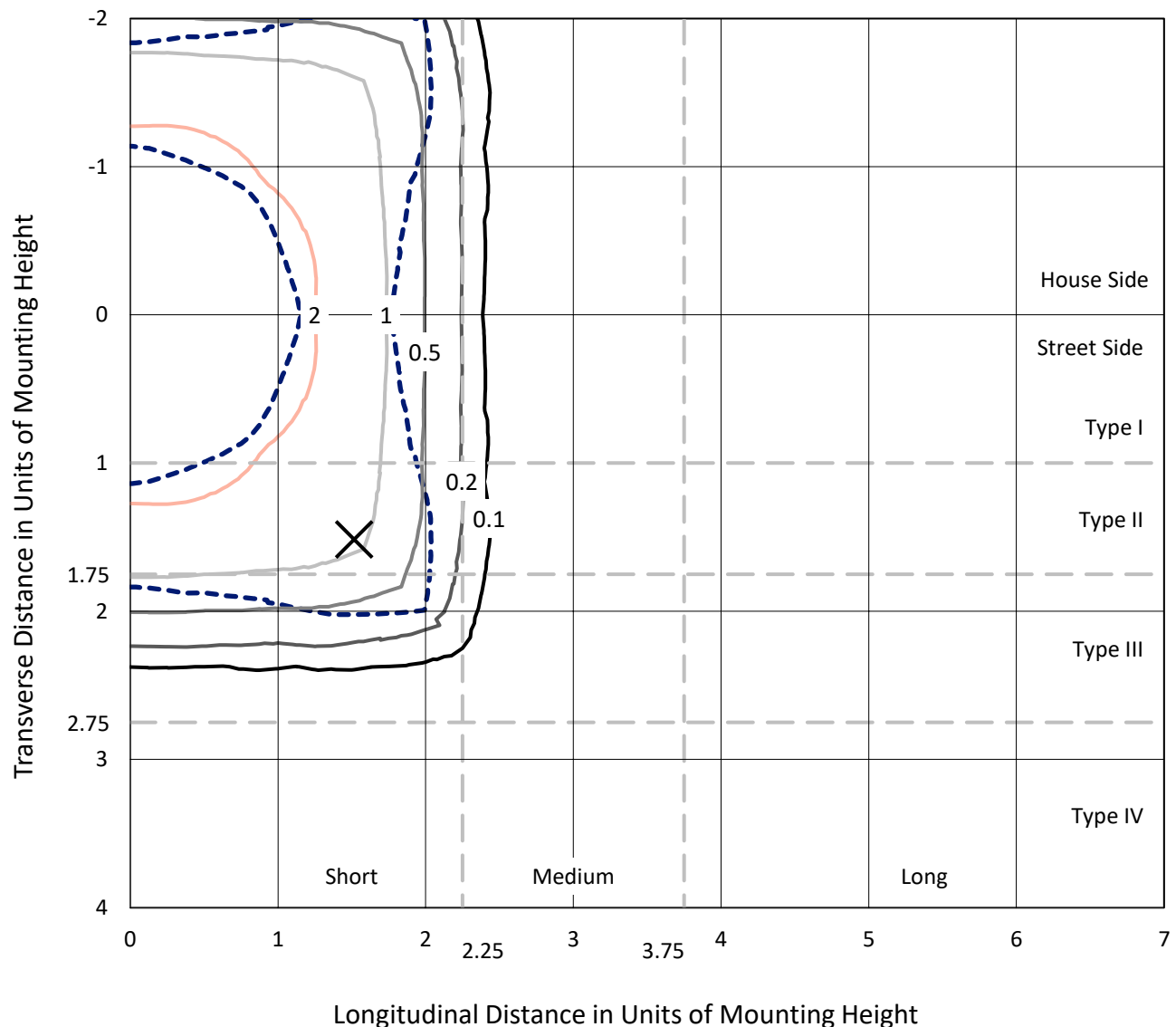
Input Watts (W): 46
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

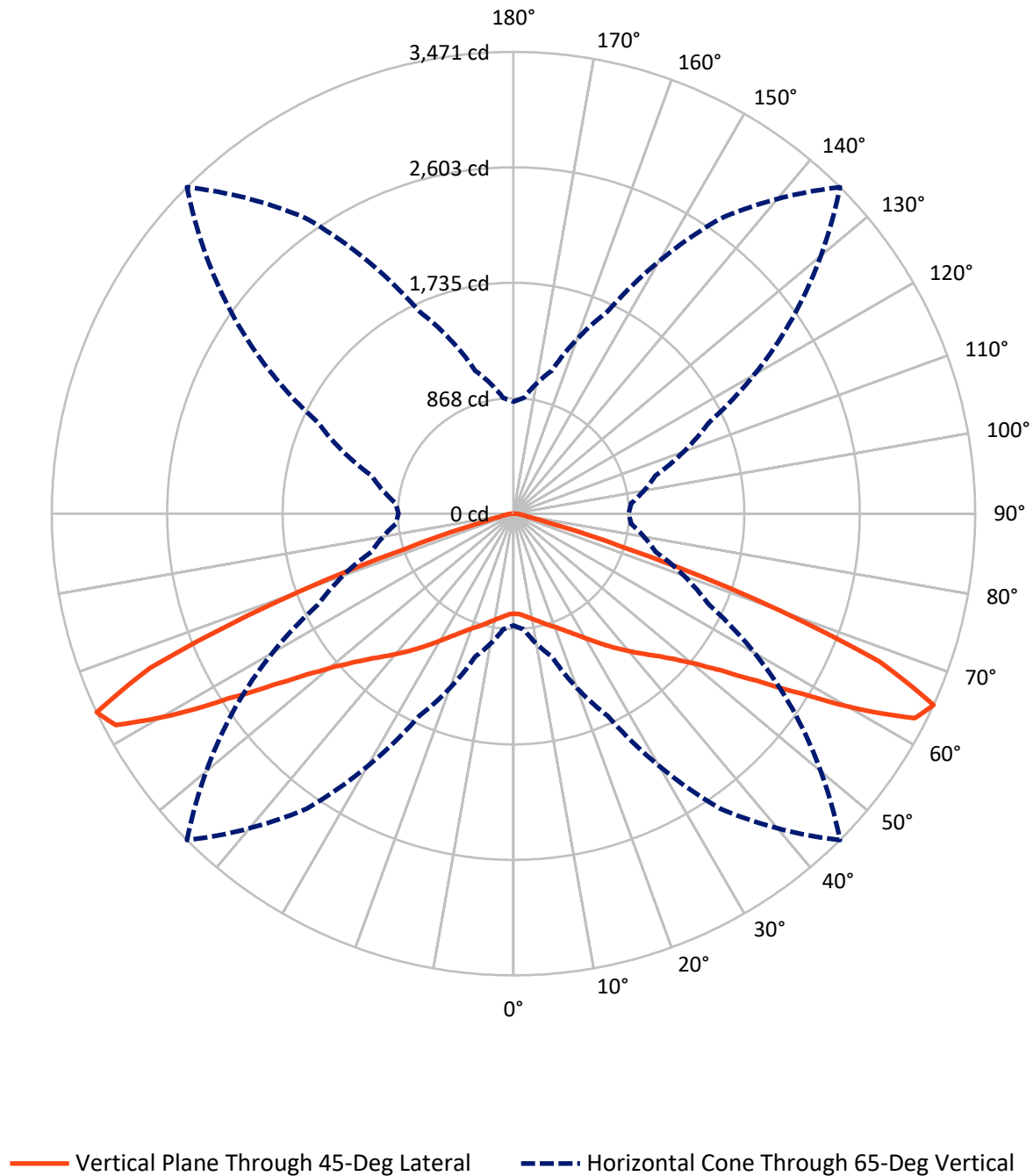
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.4 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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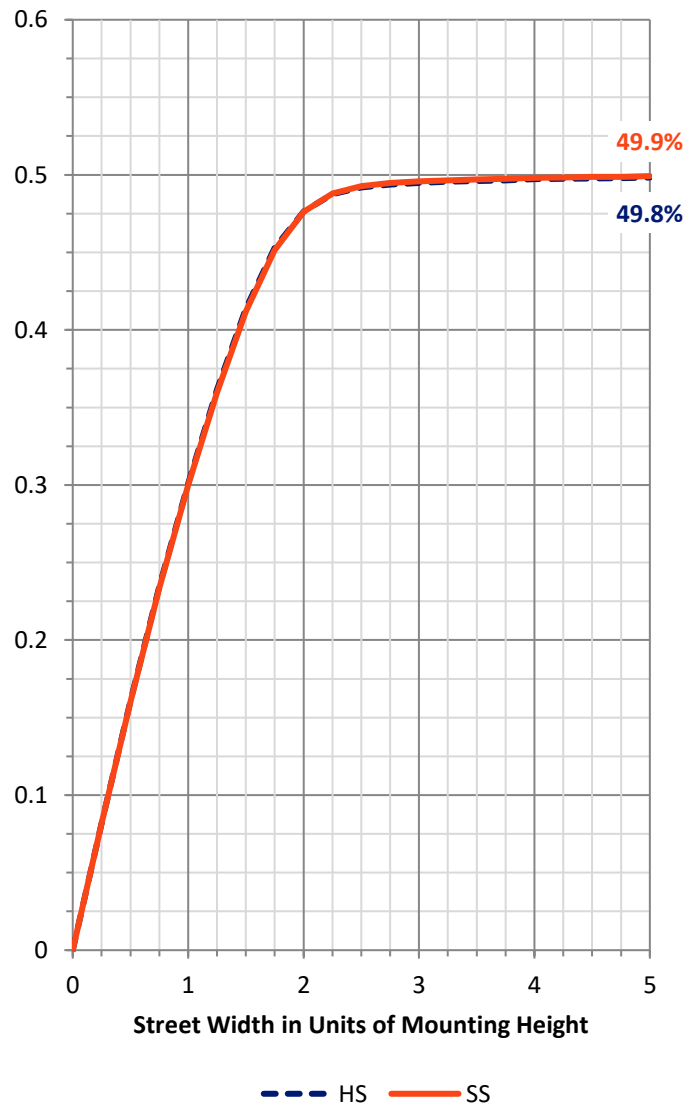
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3272.1	0.0	3272.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3272.1	0.0	3272.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	6544.2	0.0	6544.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.5	1.1
10°-20°	243.3	3.7
20°-30°	461.4	7.1
30°-40°	773.8	11.8
40°-50°	1224.5	18.7
50°-60°	1923.8	29.4
60°-70°	1625.4	24.8
70°-80°	189.3	2.9
80°-90°	28.2	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°	6544.2	100.0
0°-180°	6544.2	100.0

Coefficient of Utilization



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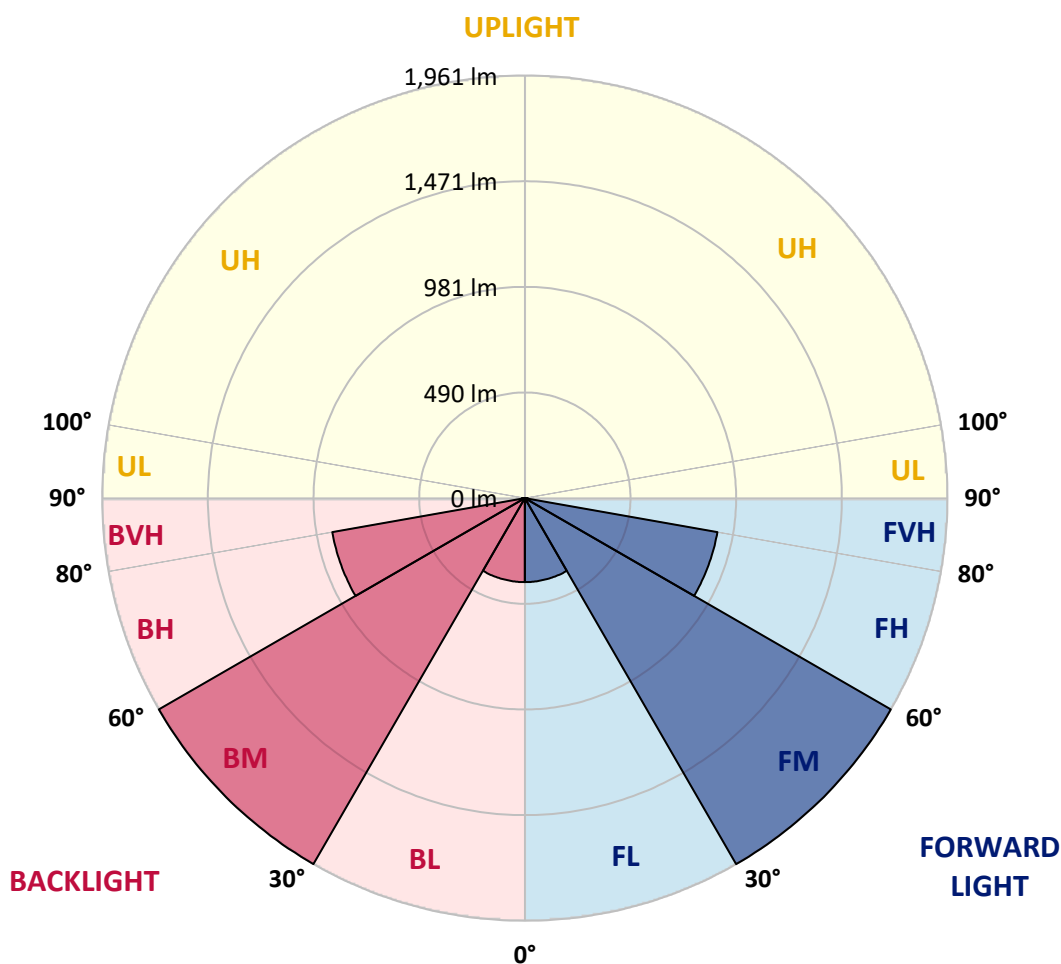
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	389.6	6.0			
FM	(30°-60°)	1961.1	30.0			
FH	(60°-80°)	907.3	13.9			G1/1800
FVH	(80°-90°)	14.1	0.2			G1/100
BL	(0°-30°)	389.6	6.0	B1/500		
BM	(30°-60°)	1961.1	30.0	B2/2500		
BH	(60°-80°)	907.3	13.9	B2/1000		G1/1800
BVH	(80°-90°)	14.1	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°	752.5	752.5	752.5	752.5	752.5	752.5	752.5	752.5	752.5	752.5	752.5
2.5°	756.6	754.3	756.6	756.6	755.2	755.7	753.9	753.4	755.7	753.9	753.4
5°	772.3	770.4	772.3	770.9	768.6	769.0	766.3	765.4	768.1	765.4	765.8
7.5°	790.2	787.0	787.9	789.3	787.0	787.0	784.7	783.3	784.7	781.9	783.7
10°	805.4	802.6	804.0	805.8	805.4	806.7	804.4	803.5	802.1	798.9	801.7
12.5°	825.1	824.2	826.1	828.4	827.4	829.3	824.2	822.8	822.4	818.7	821.9
15°	850.9	848.6	851.8	854.6	853.2	856.4	852.3	850.4	848.1	843.5	846.3
17.5°	876.7	874.8	879.4	880.8	881.3	884.0	880.8	878.0	877.1	873.9	872.1
20°	907.5	905.2	908.9	911.6	909.3	912.5	911.2	909.3	908.4	903.3	902.9
22.5°	942.0	938.8	944.3	947.5	944.3	947.5	944.7	944.3	944.7	937.4	938.3
25°	980.6	981.1	986.6	988.9	987.0	988.9	984.7	987.5	986.1	978.3	975.5
27.5°	1030.3	1028.4	1034.4	1041.3	1036.7	1036.7	1034.9	1037.6	1037.2	1029.8	1028.0
30°	1088.2	1087.8	1096.5	1100.7	1094.2	1091.5	1091.0	1097.9	1098.4	1090.5	1087.3
32.5°	1148.9	1148.9	1159.5	1164.6	1155.4	1153.5	1151.7	1160.9	1159.5	1148.9	1142.0
35°	1215.6	1212.9	1227.1	1234.5	1225.3	1219.8	1218.9	1227.1	1225.3	1210.6	1202.3
37.5°	1281.4	1283.3	1299.8	1308.1	1297.0	1290.2	1292.5	1298.0	1298.4	1282.3	1273.6
40°	1361.9	1362.4	1383.1	1389.5	1375.2	1364.7	1367.9	1380.3	1379.4	1359.6	1348.6
42.5°	1452.1	1450.2	1476.0	1481.5	1462.2	1441.9	1451.6	1470.9	1475.5	1453.4	1441.9
45°	1548.6	1551.4	1578.1	1584.1	1553.7	1527.9	1548.6	1577.6	1583.6	1559.7	1545.4
47.5°	1665.9	1669.1	1701.3	1703.6	1669.1	1635.6	1663.2	1700.9	1703.2	1670.1	1653.5
50°	1799.8	1810.8	1846.7	1851.3	1817.2	1774.0	1813.6	1847.1	1838.4	1794.3	1779.1
52.5°	1951.6	1960.3	2016.4	2035.7	2005.8	1959.4	1991.1	2011.8	1983.8	1925.8	1902.3
55°	2080.8	2095.5	2170.0	2228.9	2251.4	2216.5	2212.8	2182.4	2104.3	2015.9	1991.6
57.5°	2117.1	2131.4	2246.8	2398.6	2532.5	2549.9	2469.0	2316.8	2148.4	2012.3	1987.4
60°	1969.5	1988.8	2157.6	2445.1	2829.1	2987.4	2694.8	2328.3	2033.9	1851.3	1820.0
62.5°	1546.8	1582.7	1800.7	2251.4	2948.7	3385.7	2787.7	2130.0	1688.5	1472.7	1431.4
65°	841.2	872.1	1112.6	1677.9	2706.3	3470.8	2560.1	1621.8	1104.3	887.7	865.2
67.5°	315.5	338.1	448.4	829.3	1913.4	2967.1	1943.3	928.6	501.3	359.7	327.9
70°	134.3	137.1	162.4	288.8	869.8	1930.4	994.9	315.5	167.4	135.2	131.5
72.5°	96.6	97.0	103.9	127.9	264.9	846.8	300.8	132.5	102.1	92.0	92.0
75°	77.3	77.7	81.9	92.4	125.1	249.3	129.7	92.9	79.1	72.2	71.3
77.5°	60.7	61.6	65.8	72.2	83.7	114.1	87.8	73.1	63.5	57.0	56.1
80°	45.1	46.5	52.0	55.2	58.9	75.9	63.9	57.0	50.6	43.7	42.3
82.5°	29.9	31.3	38.6	40.9	40.5	47.8	44.2	43.7	38.6	29.0	27.6
85°	17.9	18.9	24.8	26.7	24.8	23.5	28.1	30.4	27.1	18.9	17.5
87.5°	7.8	7.8	11.0	11.5	11.0	8.7	13.3	15.6	16.1	9.7	8.7
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)