

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: P672770

Luminaire Tested: **CCP-SA-2B-850-U-5NQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672770
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-850-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5NQ
distribution lens
Light Source: (32) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6271.2 lumens
Efficiency: N/A
Efficacy: 136.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

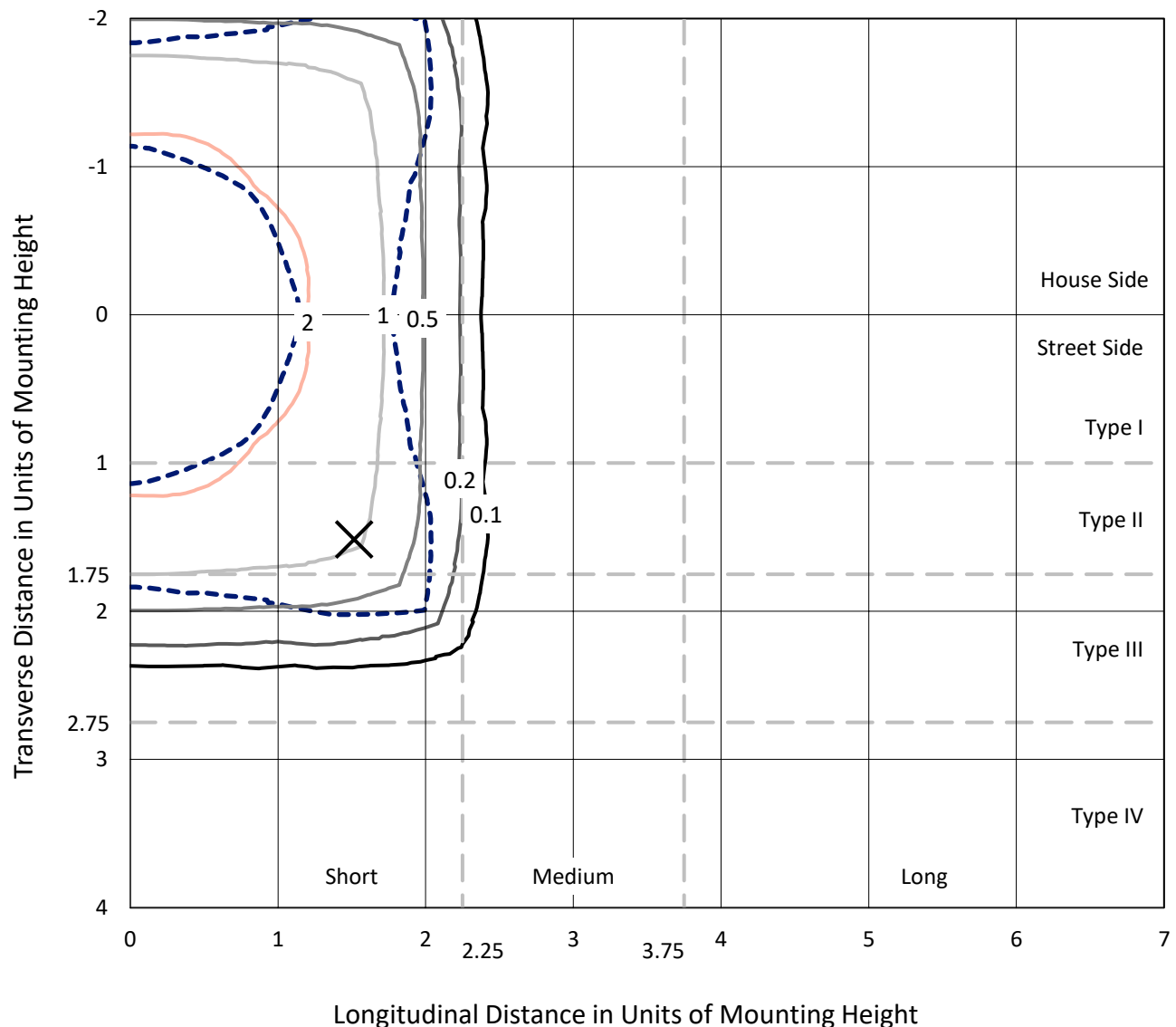
Input Watts (W): 46
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672770

CATALOG NUMBER: CCP-SA-2B-850-U-5NQ

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

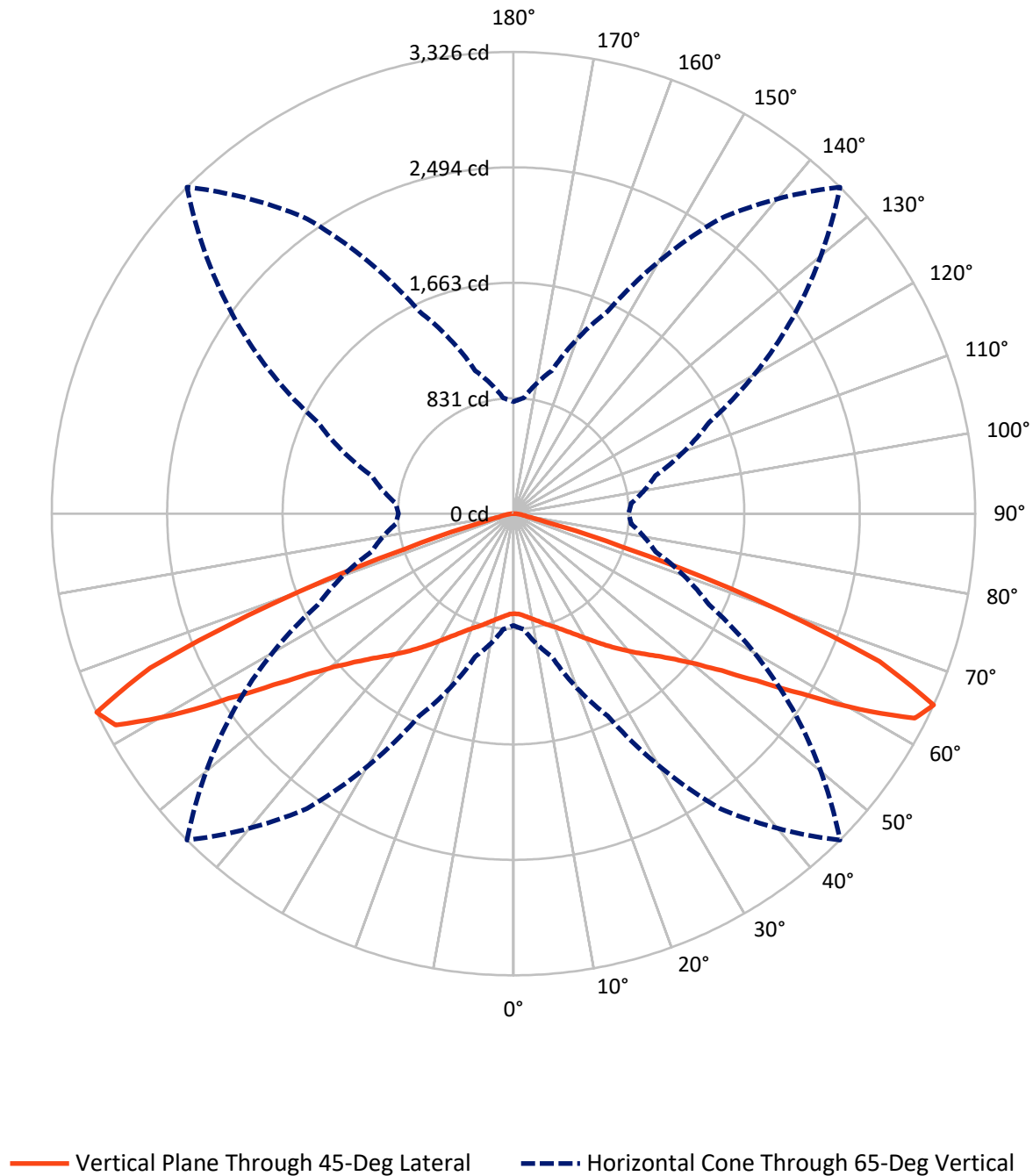


Based on 15 foot mounting height. Maximum calculated value = 3.3 fc
Type V - Short - N/A

REPORT NUMBER: P672770

CATALOG NUMBER: CCP-SA-2B-850-U-5NQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672770

CATALOG NUMBER: CCP-SA-2B-850-U-5NQ

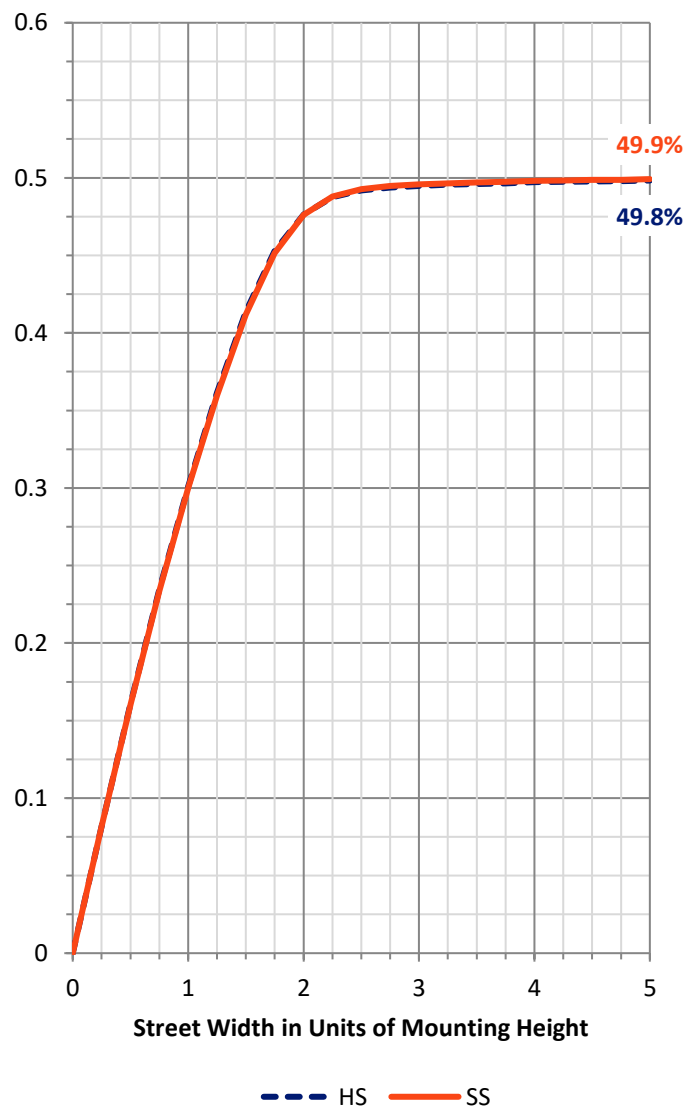
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3135.6	0.0	3135.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3135.6	0.0	3135.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	6271.2	0.0	6271.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.4	1.1
10°-20°	233.1	3.7
20°-30°	442.2	7.1
30°-40°	741.6	11.8
40°-50°	1173.4	18.7
50°-60°	1843.5	29.4
60°-70°	1557.6	24.8
70°-80°	181.4	2.9
80°-90°	27.0	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°	6271.2	100.0
0°-180°	6271.2	100.0

Coefficient of Utilization



REPORT NUMBER: P672770

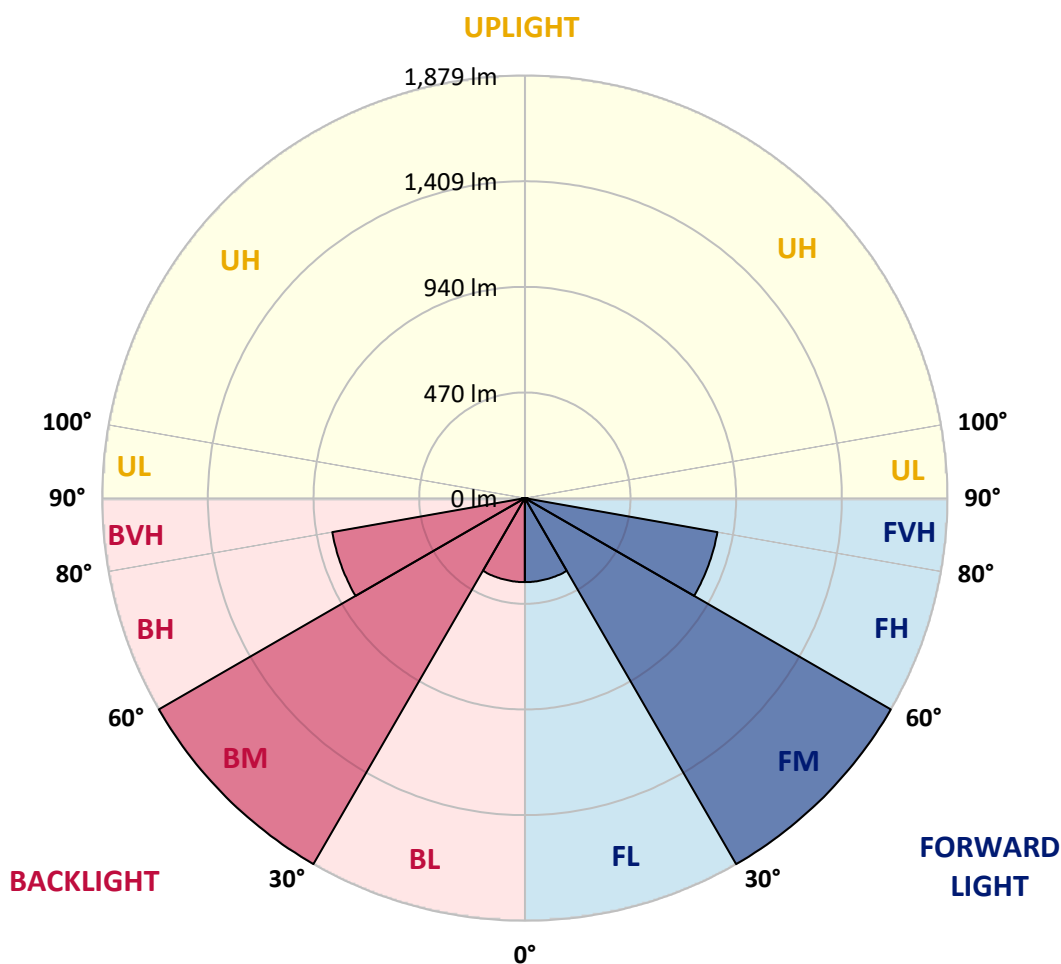
CATALOG NUMBER: CCP-SA-2B-850-U-5NQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	373.4	6.0			
FM	(30°-60°)	1879.2	30.0			
FH	(60°-80°)	869.5	13.9			G1/1800
FVH	(80°-90°)	13.5	0.2			G1/100
BL	(0°-30°)	373.4	6.0	B1/500		
BM	(30°-60°)	1879.2	30.0	B2/2500		
BH	(60°-80°)	869.5	13.9	B2/1000		G1/1800
BVH	(80°-90°)	13.5	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



REPORT NUMBER: P672770

CATALOG NUMBER: CCP-SA-2B-850-U-5NQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	721.1	721.1	721.1	721.1	721.1	721.1	721.1	721.1	721.1	721.1	721.1
2.5°	725.0	722.8	725.0	725.0	723.7	724.2	722.4	722.0	724.2	722.4	722.0
5°	740.0	738.3	740.0	738.7	736.5	736.9	734.3	733.4	736.1	733.4	733.9
7.5°	757.2	754.1	755.0	756.3	754.1	754.1	751.9	750.6	751.9	749.3	751.0
10°	771.8	769.1	770.4	772.2	771.8	773.1	770.9	770.0	768.7	765.6	768.2
12.5°	790.7	789.8	791.6	793.8	792.9	794.7	789.8	788.5	788.1	784.5	787.6
15°	815.4	813.2	816.3	818.9	817.6	820.7	816.7	815.0	812.7	808.3	811.0
17.5°	840.1	838.3	842.7	844.0	844.5	847.1	844.0	841.4	840.5	837.4	835.7
20°	869.6	867.4	870.9	873.6	871.4	874.5	873.1	871.4	870.5	865.6	865.2
22.5°	902.7	899.6	904.9	908.0	904.9	908.0	905.3	904.9	905.3	898.3	899.1
25°	939.7	940.1	945.4	947.6	945.9	947.6	943.7	946.3	945.0	937.5	934.8
27.5°	987.3	985.5	991.3	997.9	993.5	993.5	991.7	994.3	993.9	986.8	985.1
30°	1042.8	1042.4	1050.8	1054.7	1048.6	1045.9	1045.5	1052.1	1052.5	1045.0	1041.9
32.5°	1101.0	1101.0	1111.1	1116.0	1107.2	1105.4	1103.6	1112.5	1111.1	1101.0	1094.4
35°	1164.9	1162.3	1175.9	1183.0	1174.2	1168.9	1168.0	1175.9	1174.2	1160.1	1152.1
37.5°	1227.9	1229.7	1245.6	1253.5	1242.9	1236.3	1238.5	1243.8	1244.2	1228.8	1220.4
40°	1305.1	1305.5	1325.3	1331.5	1317.9	1307.7	1310.8	1322.7	1321.8	1302.9	1292.3
42.5°	1391.5	1389.7	1414.4	1419.7	1401.2	1381.8	1391.0	1409.5	1413.9	1392.8	1381.8
45°	1484.0	1486.7	1512.2	1518.0	1488.9	1464.2	1484.0	1511.8	1517.5	1494.6	1480.9
47.5°	1596.4	1599.5	1630.3	1632.5	1599.5	1567.3	1593.8	1629.9	1632.1	1600.4	1584.5
50°	1724.7	1735.2	1769.6	1774.0	1741.4	1700.0	1737.9	1770.1	1761.7	1719.4	1704.8
52.5°	1870.1	1878.5	1932.3	1950.8	1922.1	1877.6	1908.0	1927.9	1901.0	1845.4	1823.0
55°	1994.0	2008.1	2079.5	2135.9	2157.5	2124.0	2120.5	2091.4	2016.4	1931.8	1908.5
57.5°	2028.8	2042.4	2153.1	2298.5	2426.8	2443.5	2366.0	2220.1	2058.8	1928.3	1904.5
60°	1887.3	1905.8	2067.6	2343.0	2711.1	2862.7	2582.4	2231.1	1949.0	1774.0	1744.1
62.5°	1482.3	1516.6	1725.5	2157.5	2825.7	3244.4	2671.4	2041.1	1618.0	1411.3	1371.6
65°	806.1	835.7	1066.2	1607.9	2593.4	3325.9	2453.2	1554.1	1058.2	850.7	829.1
67.5°	302.4	324.0	429.7	794.7	1833.5	2843.3	1862.2	889.9	480.4	344.7	314.3
70°	128.7	131.3	155.6	276.8	833.5	1849.8	953.3	302.4	160.4	129.6	126.1
72.5°	92.6	93.0	99.6	122.5	253.9	811.4	288.3	126.9	97.8	88.2	88.2
75°	74.0	74.5	78.5	88.6	119.9	238.9	124.3	89.0	75.8	69.2	68.3
77.5°	58.2	59.1	63.0	69.2	80.2	109.3	84.2	70.1	60.8	54.7	53.8
80°	43.2	44.5	49.8	52.9	56.4	72.7	61.3	54.7	48.5	41.9	40.5
82.5°	28.6	30.0	37.0	39.2	38.8	45.8	42.3	41.9	37.0	27.8	26.4
85°	17.2	18.1	23.8	25.6	23.8	22.5	26.9	29.1	26.0	18.1	16.7
87.5°	7.5	7.5	10.6	11.0	10.6	8.4	12.8	15.0	15.4	9.3	8.4
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)