

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: P672748

Luminaire Tested: **CCP-SA-2B-835-U-5NQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672748
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-835-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5NQ
distribution lens
Light Source: (32) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5921.8 lumens
Efficiency: N/A
Efficacy: 128.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

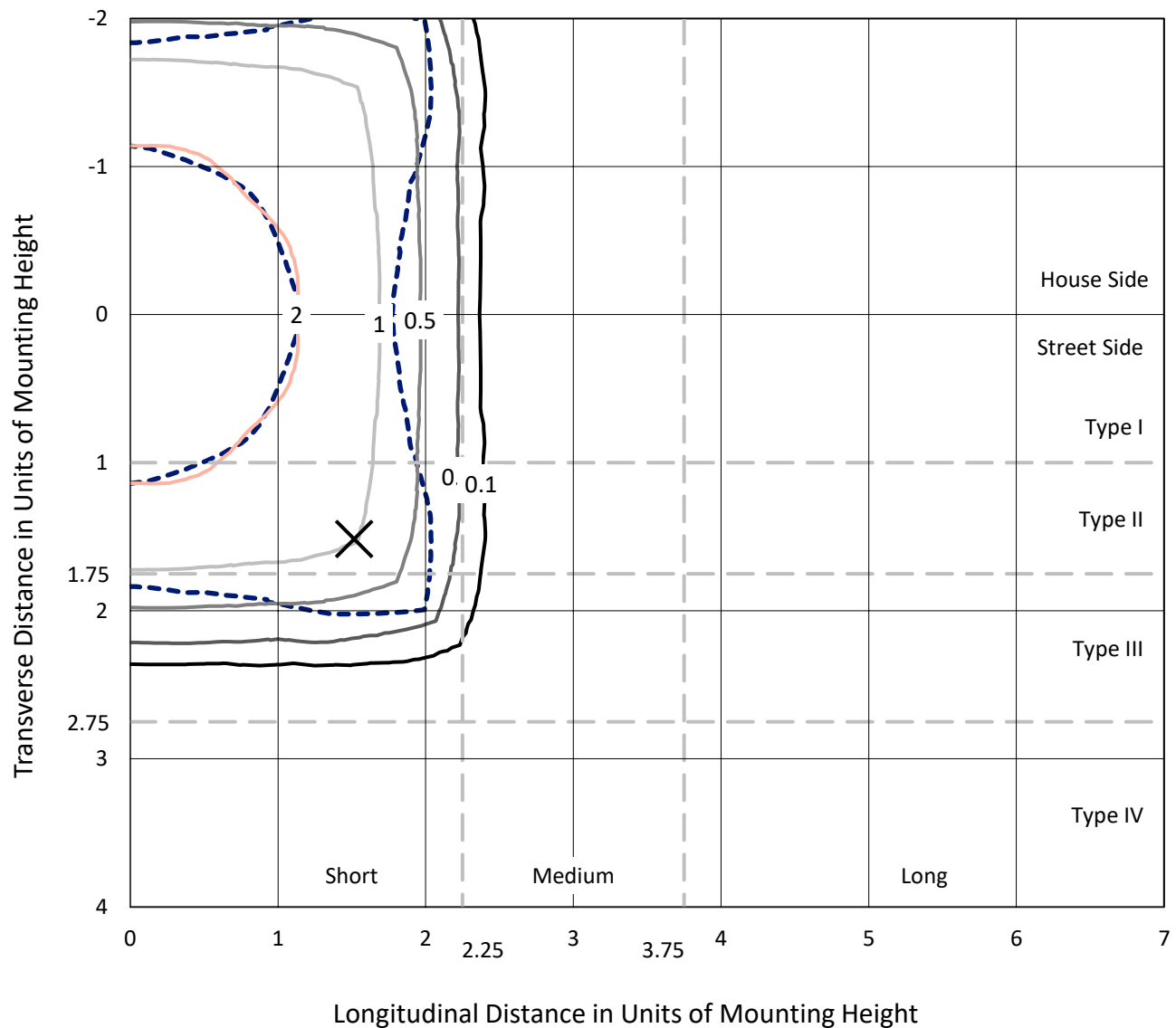
Input Watts (W): 46
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672748

CATALOG NUMBER: CCP-SA-2B-835-U-5NQ

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

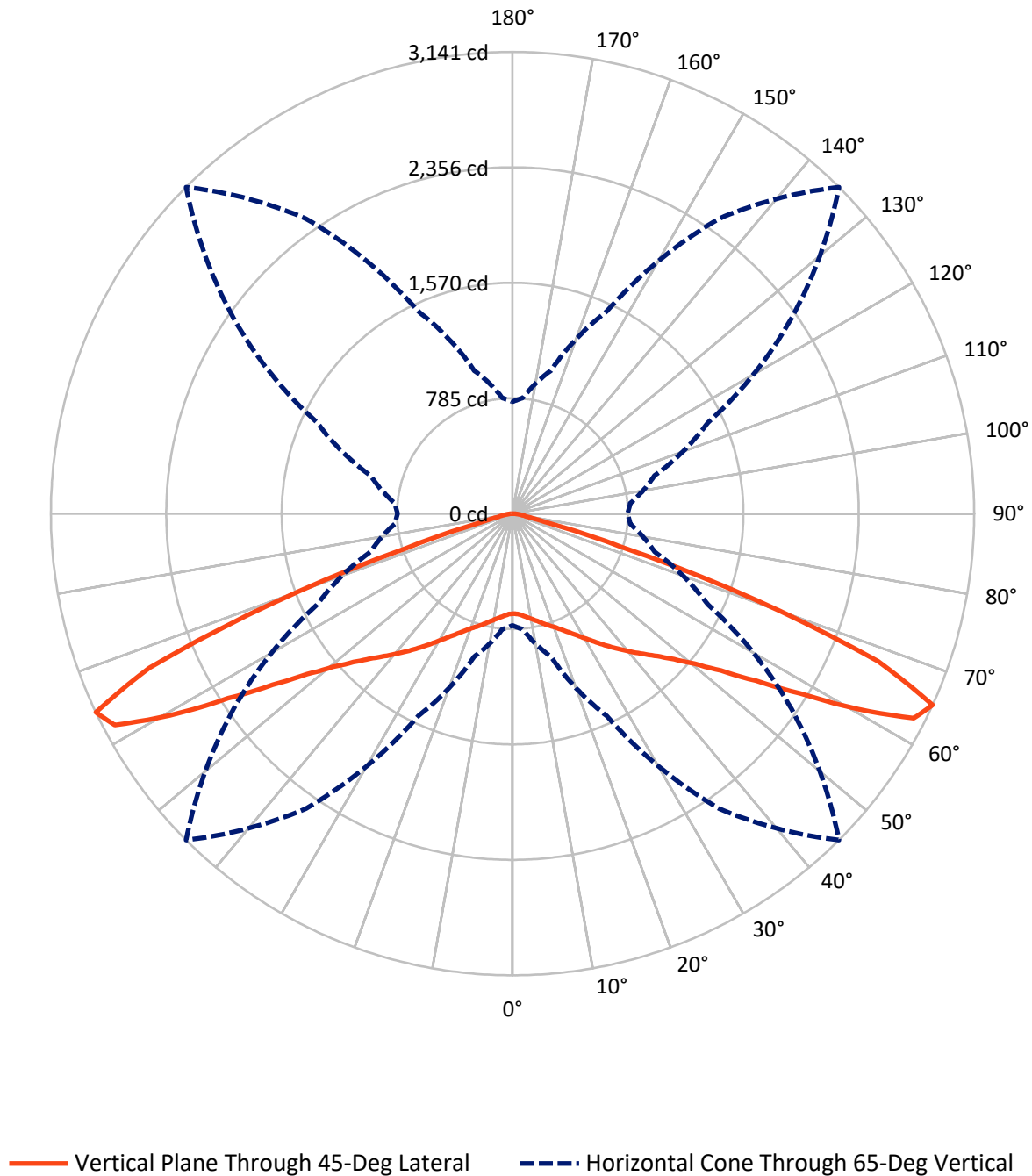


Based on 15 foot mounting height. Maximum calculated value = 3.1 fc
 Type V - Short - N/A

REPORT NUMBER: P672748

CATALOG NUMBER: CCP-SA-2B-835-U-5NQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672748

CATALOG NUMBER: CCP-SA-2B-835-U-5NQ

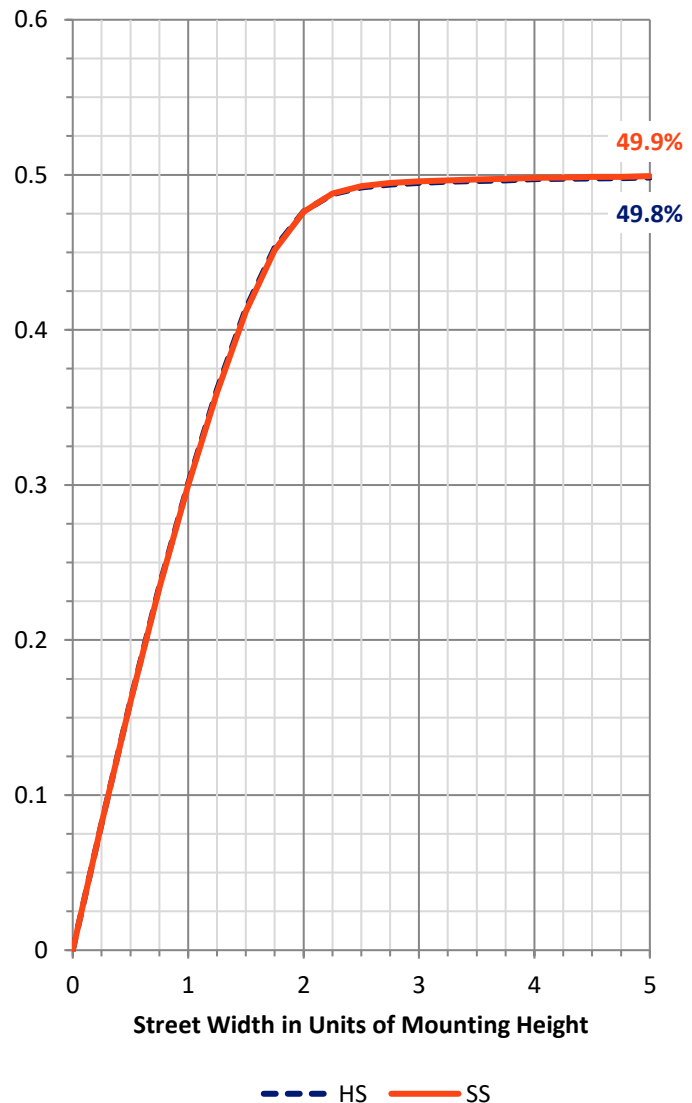
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2960.9	0.0	2960.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2960.9	0.0	2960.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	5921.8	0.0	5921.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.4	1.1
10°-20°	220.1	3.7
20°-30°	417.5	7.1
30°-40°	700.3	11.8
40°-50°	1108.1	18.7
50°-60°	1740.8	29.4
60°-70°	1470.8	24.8
70°-80°	171.3	2.9
80°-90°	25.5	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°	5921.8	100.0
0°-180°	5921.8	100.0

Coefficient of Utilization



REPORT NUMBER: P672748

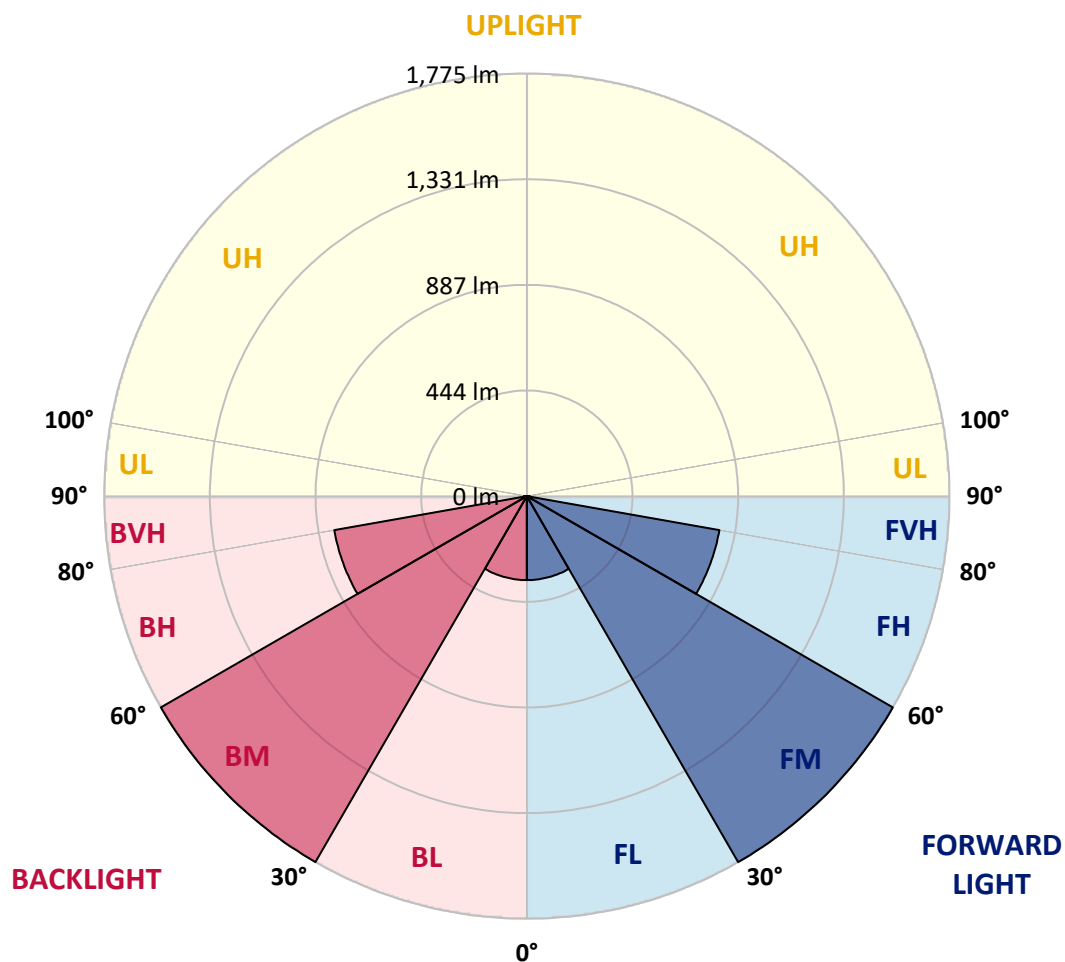
CATALOG NUMBER: CCP-SA-2B-835-U-5NQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	352.6	6.0			
FM	(30°-60°)	1774.6	30.0			
FH	(60°-80°)	821.0	13.9			G1/1800
FVH	(80°-90°)	12.8	0.2			G1/100
BL	(0°-30°)	352.6	6.0	B1/500		
BM	(30°-60°)	1774.6	30.0	B2/2500		
BH	(60°-80°)	821.0	13.9	B2/1000		G1/1800
BVH	(80°-90°)	12.8	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short





REPORT NUMBER: P672748

CATALOG NUMBER: CCP-SA-2B-835-U-5NQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	680.9	680.9	680.9	680.9	680.9	680.9	680.9	680.9	680.9	680.9	680.9
2.5°	684.7	682.6	684.7	684.7	683.4	683.8	682.2	681.7	683.8	682.2	681.7
5°	698.8	697.1	698.8	697.6	695.5	695.9	693.4	692.6	695.1	692.6	693.0
7.5°	715.0	712.1	713.0	714.2	712.1	712.1	710.0	708.8	710.0	707.5	709.2
10°	728.8	726.3	727.5	729.2	728.8	730.0	727.9	727.1	725.9	722.9	725.4
12.5°	746.7	745.8	747.5	749.6	748.8	750.4	745.8	744.6	744.2	740.8	743.8
15°	770.0	767.9	770.8	773.3	772.1	775.0	771.2	769.6	767.5	763.3	765.8
17.5°	793.3	791.6	795.8	797.0	797.4	799.9	797.0	794.5	793.7	790.8	789.1
20°	821.2	819.1	822.4	824.9	822.8	825.8	824.5	822.8	822.0	817.4	817.0
22.5°	852.4	849.5	854.5	857.4	854.5	857.4	854.9	854.5	854.9	848.2	849.1
25°	887.3	887.8	892.8	894.8	893.2	894.8	891.1	893.6	892.3	885.3	882.8
27.5°	932.3	930.6	936.0	942.3	938.1	938.1	936.5	939.0	938.5	931.9	930.2
30°	984.7	984.3	992.2	996.0	990.2	987.7	987.2	993.5	993.9	986.8	983.9
32.5°	1039.7	1039.7	1049.3	1053.8	1045.5	1043.8	1042.2	1050.5	1049.3	1039.7	1033.4
35°	1100.0	1097.5	1110.4	1117.1	1108.8	1103.8	1102.9	1110.4	1108.8	1095.5	1088.0
37.5°	1159.5	1161.2	1176.2	1183.7	1173.7	1167.5	1169.5	1174.5	1174.9	1160.4	1152.5
40°	1232.4	1232.8	1251.5	1257.4	1244.5	1234.9	1237.8	1249.0	1248.2	1230.3	1220.3
42.5°	1314.0	1312.3	1335.6	1340.6	1323.1	1304.8	1313.5	1331.0	1335.2	1315.2	1304.8
45°	1401.4	1403.9	1428.0	1433.4	1405.9	1382.6	1401.4	1427.6	1433.0	1411.4	1398.4
47.5°	1507.5	1510.4	1539.5	1541.6	1510.4	1480.0	1505.0	1539.1	1541.2	1511.2	1496.3
50°	1628.6	1638.6	1671.1	1675.2	1644.4	1605.3	1641.1	1671.5	1663.6	1623.6	1609.9
52.5°	1766.0	1773.9	1824.6	1842.1	1815.1	1773.0	1801.8	1820.5	1795.1	1742.6	1721.4
55°	1882.9	1896.2	1963.7	2016.9	2037.3	2005.7	2002.4	1974.9	1904.1	1824.2	1802.2
57.5°	1915.8	1928.7	2033.2	2170.5	2291.6	2307.4	2234.2	2096.4	1944.1	1820.9	1798.4
60°	1782.2	1799.7	1952.4	2212.5	2560.1	2703.3	2438.5	2106.8	1840.5	1675.2	1646.9
62.5°	1399.7	1432.2	1629.4	2037.3	2668.3	3063.7	2522.6	1927.4	1527.9	1332.7	1295.2
65°	761.2	789.1	1006.8	1518.3	2448.9	3140.7	2316.6	1467.5	999.3	803.3	782.9
67.5°	285.5	305.9	405.8	750.4	1731.4	2684.9	1758.5	840.3	453.7	325.5	296.8
70°	121.5	124.0	146.9	261.4	787.0	1746.8	900.3	285.5	151.5	122.4	119.0
72.5°	87.4	87.8	94.1	115.7	239.7	766.2	272.2	119.9	92.4	83.2	83.2
75°	69.9	70.3	74.1	83.7	113.2	225.6	117.4	84.1	71.6	65.3	64.5
77.5°	54.9	55.8	59.5	65.3	75.7	103.2	79.5	66.2	57.4	51.6	50.8
80°	40.8	42.0	47.0	49.9	53.3	68.7	57.9	51.6	45.8	39.5	38.3
82.5°	27.1	28.3	35.0	37.0	36.6	43.3	40.0	39.5	35.0	26.2	25.0
85°	16.2	17.1	22.5	24.1	22.5	21.2	25.4	27.5	24.6	17.1	15.8
87.5°	7.1	7.1	10.0	10.4	10.0	7.9	12.1	14.2	14.6	8.7	7.9
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)