

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: P672660

Luminaire Tested: **CCP-SA-2B-727-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672660
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-727-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5NQ
distribution lens
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6010.3 lumens
Efficiency: N/A
Efficacy: 130.7 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

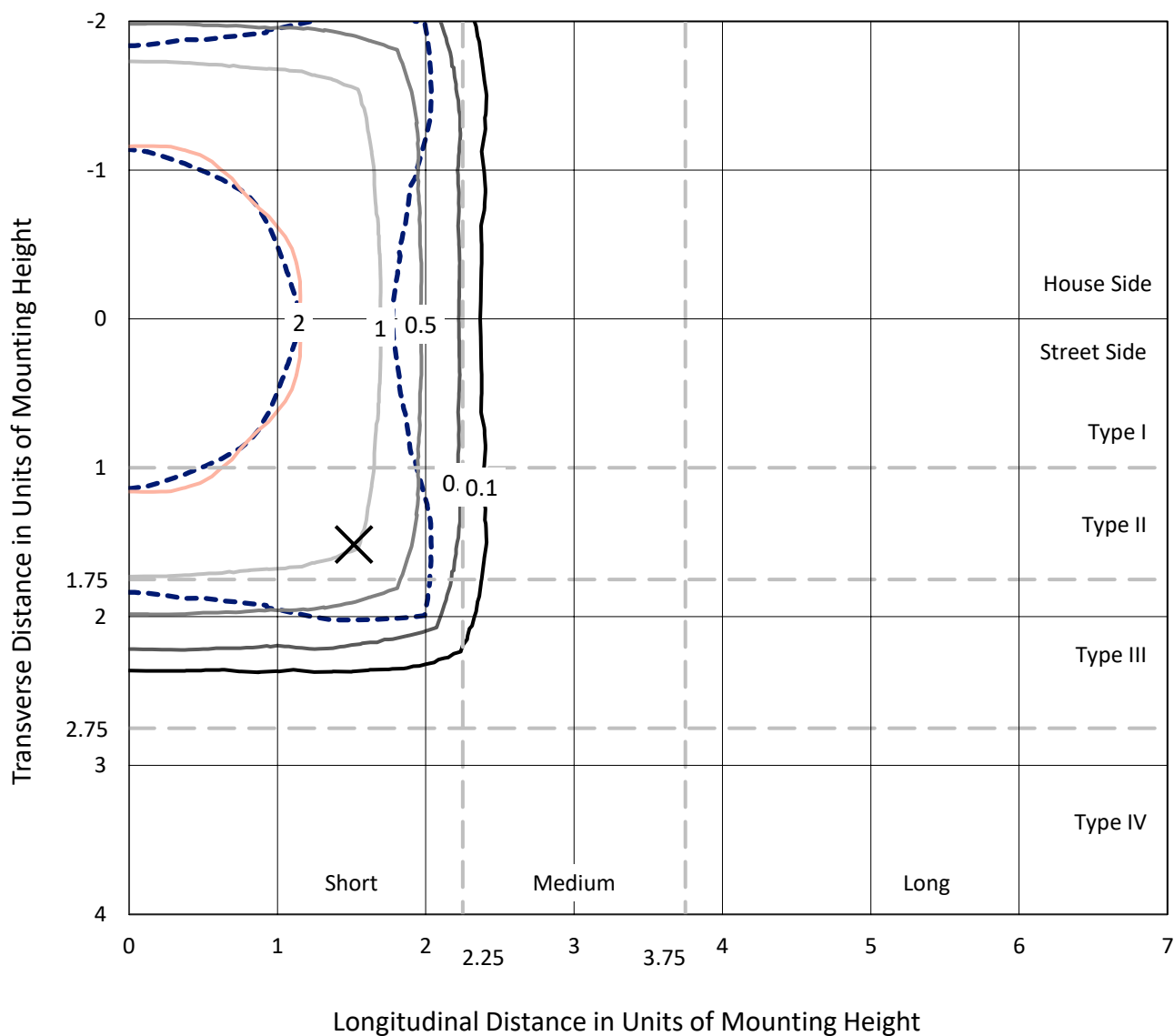
REPORT NUMBER: P672660

CATALOG NUMBER: CCP-SA-2B-727-U-5NQ

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

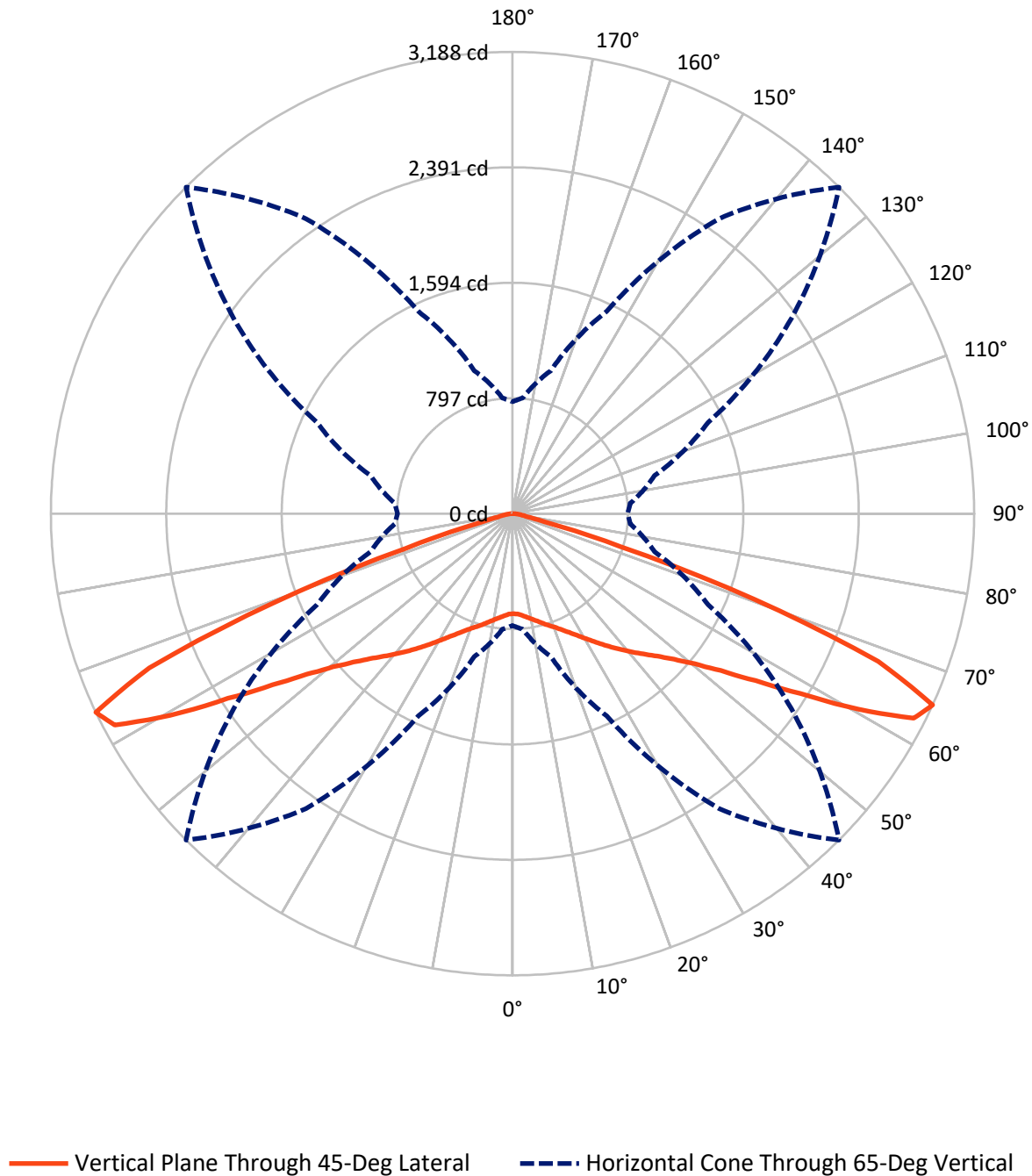


Based on 15 foot mounting height. Maximum calculated value = 3.1 fc

Type V - Short - N/A

REPORT NUMBER: P672660
CATALOG NUMBER: CCP-SA-2B-727-U-5NQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672660

CATALOG NUMBER: CCP-SA-2B-727-U-5NQ

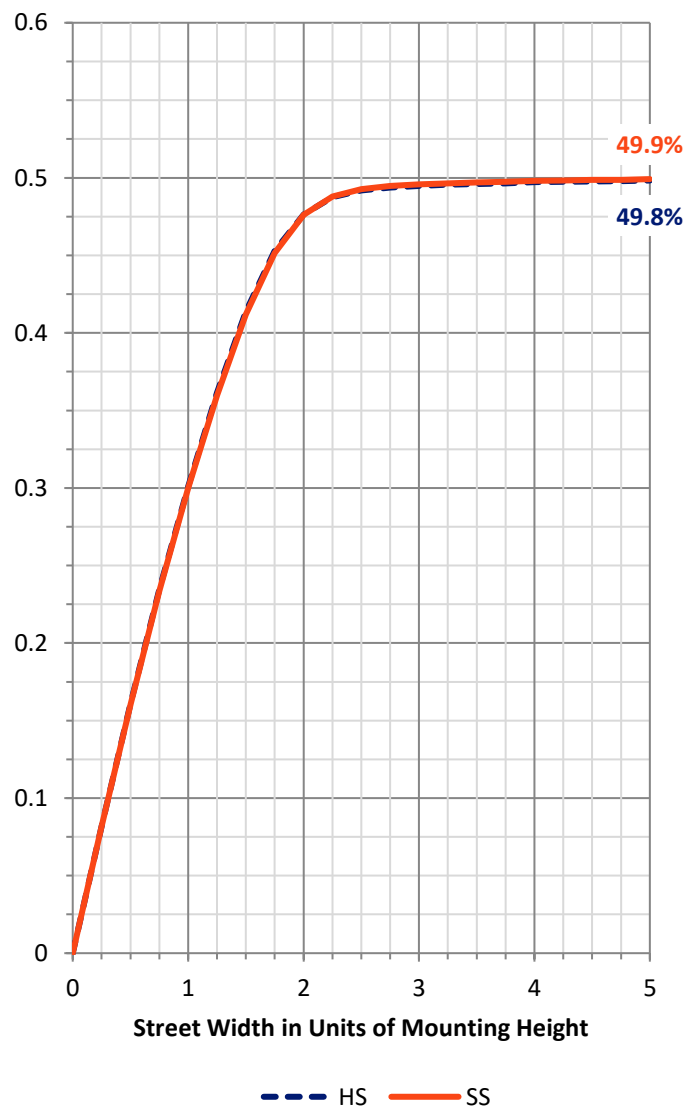
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3005.1	0.0	3005.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3005.1	0.0	3005.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	6010.3	0.0	6010.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.4	1.1
10°-20°	223.4	3.7
20°-30°	423.8	7.1
30°-40°	710.7	11.8
40°-50°	1124.6	18.7
50°-60°	1766.8	29.4
60°-70°	1492.8	24.8
70°-80°	173.8	2.9
80°-90°	25.9	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°	6010.3	100.0
0°-180°	6010.3	100.0

Coefficient of Utilization



REPORT NUMBER: P672660

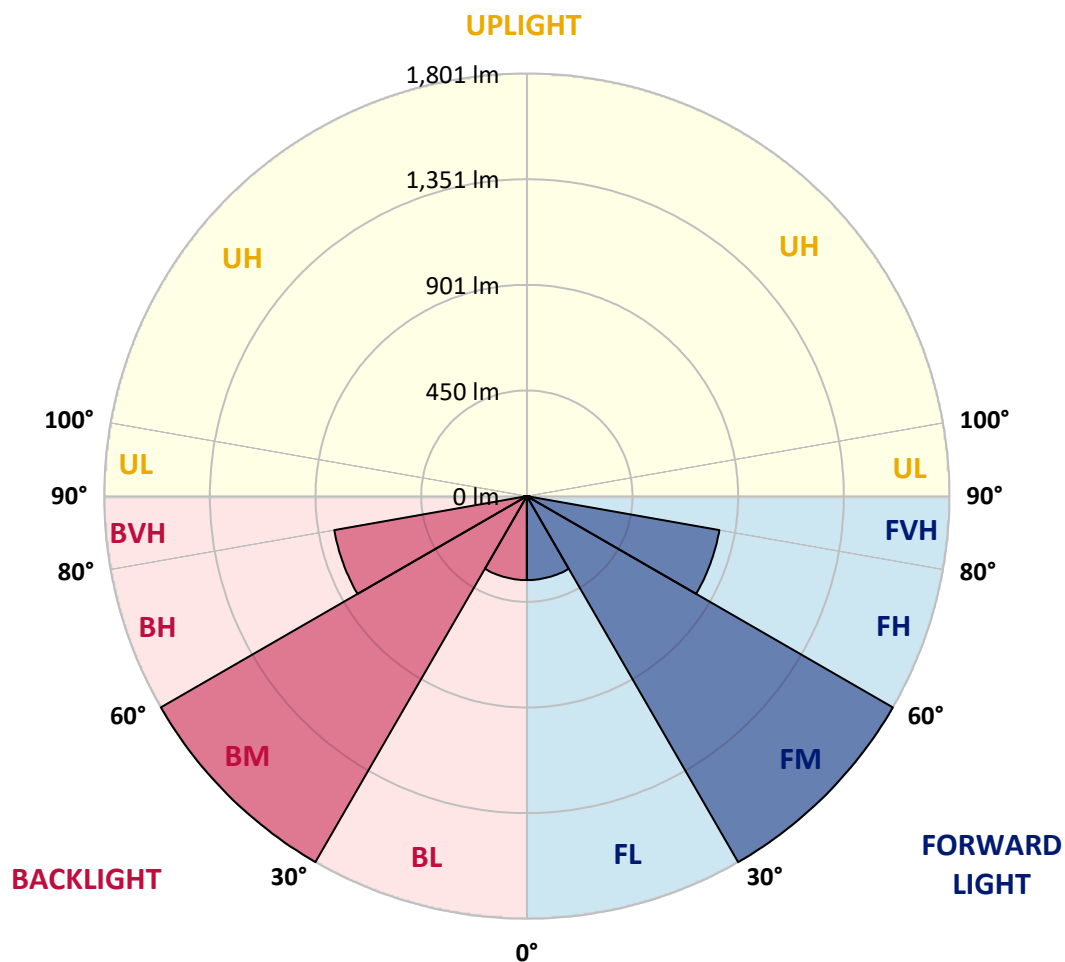
CATALOG NUMBER: CCP-SA-2B-727-U-5NQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	357.8	6.0			
FM	(30°-60°)	1801.1	30.0			
FH	(60°-80°)	833.3	13.9			G1/1800
FVH	(80°-90°)	12.9	0.2			G1/100
BL	(0°-30°)	357.8	6.0	B1/500		
BM	(30°-60°)	1801.1	30.0	B2/2500		
BH	(60°-80°)	833.3	13.9	B2/1000		G1/1800
BVH	(80°-90°)	12.9	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: P672660

CATALOG NUMBER: CCP-SA-2B-727-U-5NQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	691.1	691.1	691.1	691.1	691.1	691.1	691.1	691.1	691.1	691.1	691.1
2.5°	694.9	692.8	694.9	694.9	693.6	694.0	692.3	691.9	694.0	692.3	691.9
5°	709.2	707.5	709.2	708.0	705.9	706.3	703.7	702.9	705.4	702.9	703.3
7.5°	725.7	722.8	723.6	724.9	722.8	722.8	720.6	719.4	720.6	718.1	719.8
10°	739.7	737.1	738.4	740.1	739.7	740.9	738.8	738.0	736.7	733.7	736.3
12.5°	757.8	757.0	758.7	760.8	759.9	761.6	757.0	755.7	755.3	751.9	754.9
15°	781.5	779.4	782.3	784.9	783.6	786.5	782.7	781.1	778.9	774.7	777.2
17.5°	805.1	803.4	807.7	808.9	809.4	811.9	808.9	806.4	805.6	802.6	800.9
20°	833.4	831.3	834.7	837.2	835.1	838.1	836.8	835.1	834.3	829.6	829.2
22.5°	865.1	862.2	867.2	870.2	867.2	870.2	867.6	867.2	867.6	860.9	861.7
25°	900.6	901.0	906.1	908.2	906.5	908.2	904.4	906.9	905.7	898.5	895.9
27.5°	946.2	944.5	950.0	956.4	952.1	952.1	950.4	953.0	952.6	945.8	944.1
30°	999.4	999.0	1007.0	1010.8	1004.9	1002.4	1002.0	1008.3	1008.7	1001.6	998.6
32.5°	1055.2	1055.2	1064.9	1069.6	1061.1	1059.4	1057.7	1066.2	1064.9	1055.2	1048.9
35°	1116.4	1113.9	1127.0	1133.8	1125.3	1120.3	1119.4	1127.0	1125.3	1111.8	1104.2
37.5°	1176.9	1178.5	1193.8	1201.4	1191.2	1184.9	1187.0	1192.1	1192.5	1177.7	1169.7
40°	1250.8	1251.2	1270.2	1276.1	1263.0	1253.3	1256.3	1267.7	1266.8	1248.7	1238.5
42.5°	1333.6	1331.9	1355.5	1360.6	1342.9	1324.3	1333.1	1350.9	1355.1	1334.8	1324.3
45°	1422.3	1424.8	1449.3	1454.8	1426.9	1403.3	1422.3	1448.9	1454.4	1432.4	1419.3
47.5°	1530.0	1533.0	1562.5	1564.6	1533.0	1502.1	1527.5	1562.1	1564.2	1533.8	1518.6
50°	1652.9	1663.1	1696.0	1700.2	1669.0	1629.3	1665.6	1696.4	1688.4	1647.9	1633.9
52.5°	1792.3	1800.3	1851.9	1869.6	1842.2	1799.5	1828.6	1847.7	1821.9	1768.7	1747.1
55°	1911.0	1924.5	1993.0	2047.0	2067.7	2035.6	2032.3	2004.4	1932.6	1851.5	1829.1
57.5°	1944.4	1957.5	2063.5	2202.9	2325.8	2341.9	2267.5	2127.7	1973.1	1848.1	1825.3
60°	1808.8	1826.5	1981.6	2245.6	2598.3	2743.6	2474.9	2138.3	1867.9	1700.2	1671.5
62.5°	1420.6	1453.5	1653.8	2067.7	2708.1	3109.4	2560.3	1956.2	1550.7	1352.6	1314.6
65°	772.6	800.9	1021.8	1541.0	2485.5	3187.6	2351.2	1489.4	1014.2	815.3	794.6
67.5°	289.8	310.5	411.9	761.6	1757.3	2725.0	1784.7	852.9	460.4	330.3	301.2
70°	123.3	125.9	149.1	265.3	798.8	1772.9	913.7	289.8	153.8	124.2	120.8
72.5°	88.7	89.1	95.5	117.4	243.3	777.7	276.3	121.7	93.8	84.5	84.5
75°	71.0	71.4	75.2	84.9	114.9	229.0	119.1	85.3	72.7	66.3	65.5
77.5°	55.8	56.6	60.4	66.3	76.9	104.8	80.7	67.2	58.3	52.4	51.5
80°	41.4	42.7	47.7	50.7	54.1	69.7	58.7	52.4	46.5	40.1	38.9
82.5°	27.5	28.7	35.5	37.6	37.2	43.9	40.6	40.1	35.5	26.6	25.3
85°	16.5	17.3	22.8	24.5	22.8	21.5	25.8	27.9	24.9	17.3	16.1
87.5°	7.2	7.2	10.1	10.6	10.1	8.0	12.3	14.4	14.8	8.9	8.0
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)