

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: P672370

Luminaire Tested: **CCP-SA-1F-727-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672370
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-727-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ 5WQ
distribution lens
Light Source: (16) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6571.9 lumens
Efficiency: N/A
Efficacy: 98.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

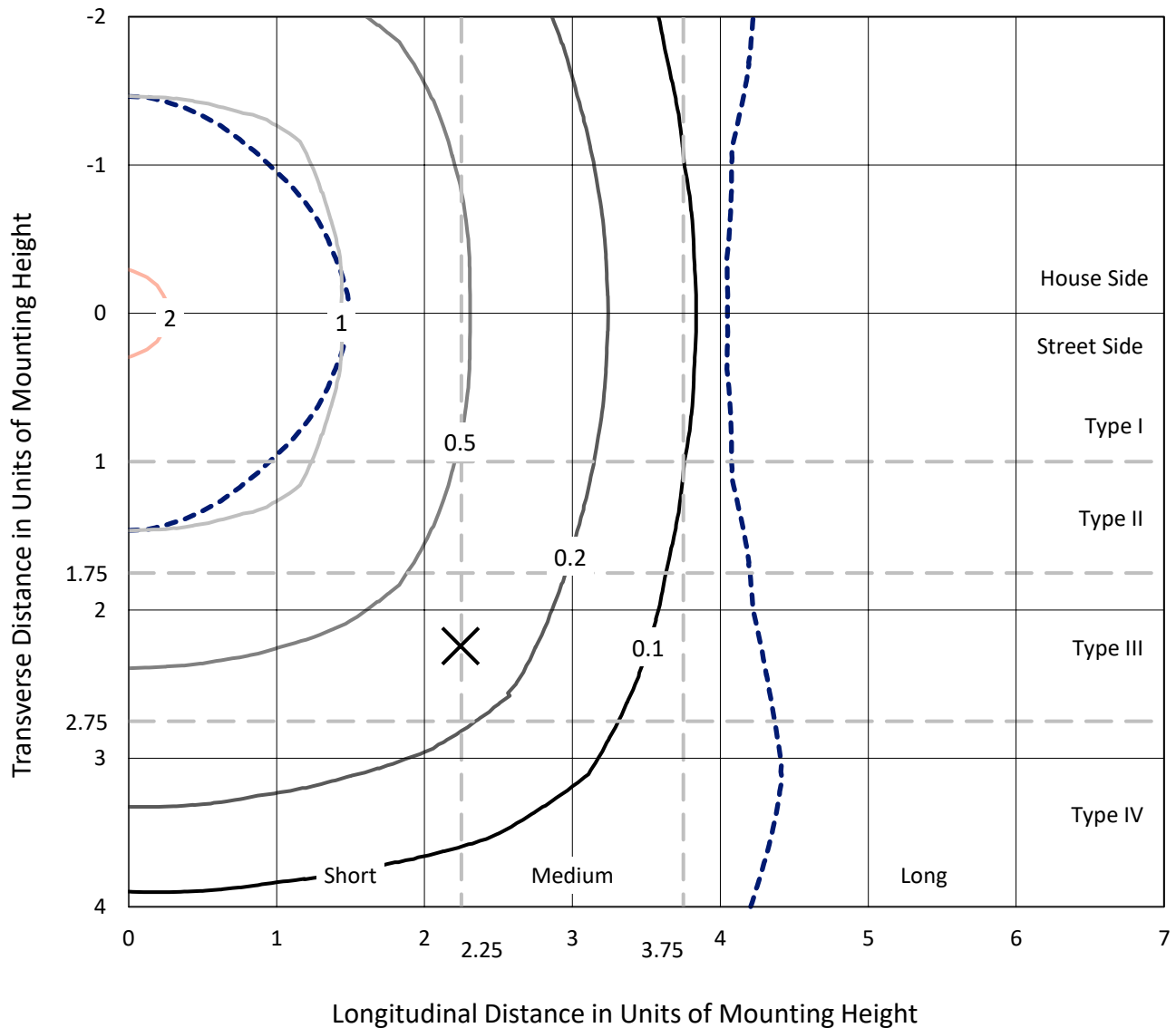
Input Watts (W): 67
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672370

CATALOG NUMBER: CCP-SA-1F-727-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

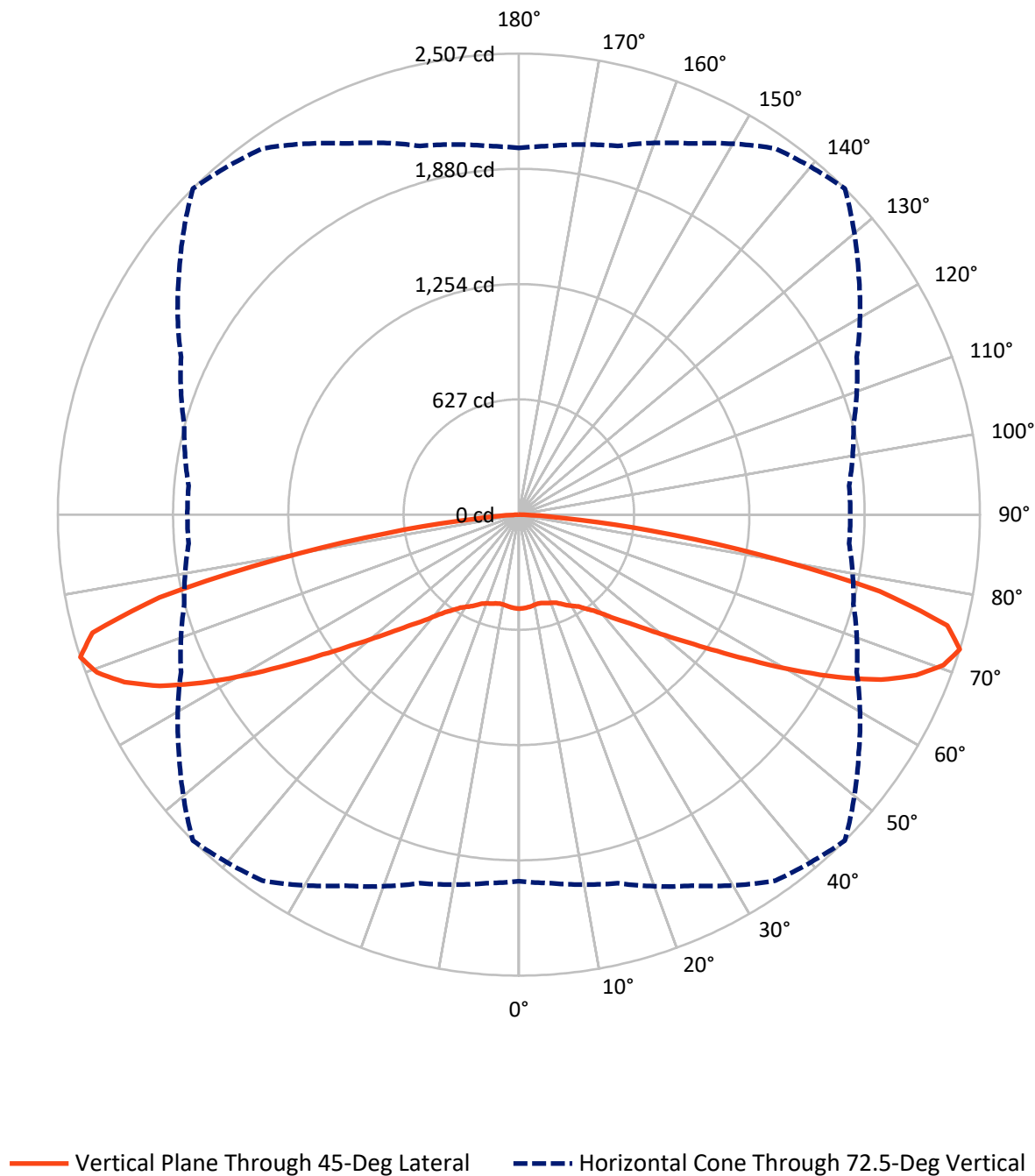


Based on 15 foot mounting height. Maximum calculated value = 2.3 fc
Type V - Short - N/A

REPORT NUMBER: P672370

CATALOG NUMBER: CCP-SA-1F-727-U-5WQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672370

CATALOG NUMBER: CCP-SA-1F-727-U-5WQ

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3286.0	0.0	3286.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3286.0	0.0	3286.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	6571.9	0.0	6571.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.1	0.7
10°-20°	142.7	2.2
20°-30°	250.7	3.8
30°-40°	400.0	6.1
40°-50°	668.9	10.2
50°-60°	1144.6	17.4
60°-70°	1889.7	28.8
70°-80°	1811.1	27.6
80°-90°	216.0	3.3
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°	6571.9	100.0
0°-180°	6571.9	100.0

Coefficient of Utilization



REPORT NUMBER: P672370

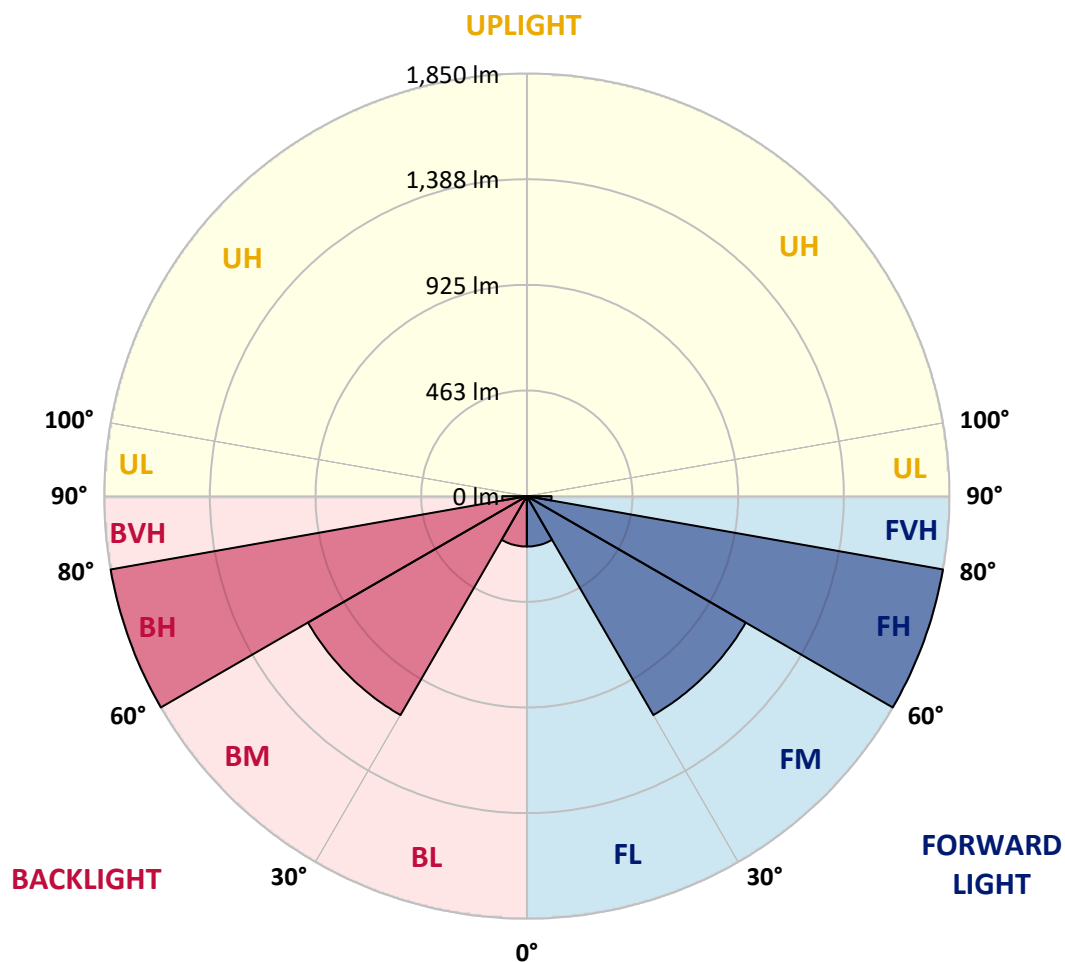
CATALOG NUMBER: CCP-SA-1F-727-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	220.8	3.4			
FM	(30°-60°)	1106.8	16.8			
FH	(60°-80°)	1850.4	28.2			G2/5000
FVH	(80°-90°)	108.0	1.6			G2/225
BL	(0°-30°)	220.8	3.4	B1/500		
BM	(30°-60°)	1106.8	16.8	B2/2500		
BH	(60°-80°)	1850.4	28.2	B3/2500		G2/5000
BVH	(80°-90°)	108.0	1.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short





REPORT NUMBER: P672370

CATALOG NUMBER: CCP-SA-1F-727-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	511.8	511.8	511.8	511.8	511.8	511.8	511.8	511.8	511.8	511.8	511.8
2.5°	508.6	508.6	509.9	510.4	509.9	509.5	509.0	508.6	509.9	509.5	509.9
5°	507.2	507.2	507.6	508.1	507.2	506.7	505.8	505.3	506.3	506.3	507.2
7.5°	503.5	503.1	503.5	504.0	502.6	502.1	500.8	500.8	500.8	500.3	501.2
10°	500.3	499.4	499.4	498.5	496.2	496.6	494.8	496.2	498.5	498.9	499.4
12.5°	501.7	500.8	499.8	497.6	494.3	494.8	494.3	495.7	498.9	500.8	502.1
15°	508.1	507.2	504.9	500.8	498.9	498.9	498.0	498.5	503.1	505.8	507.2
17.5°	515.0	513.1	509.0	506.3	504.4	505.8	502.6	502.1	505.8	509.9	511.3
20°	520.5	519.1	514.1	510.8	510.8	512.2	509.0	507.2	511.3	516.4	517.7
22.5°	530.1	529.2	524.1	520.9	520.9	521.4	519.6	518.2	522.8	527.8	529.2
25°	543.9	543.9	538.8	537.4	537.0	537.9	535.6	534.2	538.4	542.0	543.4
27.5°	559.9	558.5	554.4	553.5	555.3	558.5	554.4	550.7	554.0	557.2	557.6
30°	576.9	576.9	573.2	573.2	574.6	576.0	572.3	568.6	571.8	575.5	576.0
32.5°	600.7	599.4	598.0	598.4	598.0	596.1	594.3	593.9	596.6	598.9	599.8
35°	630.1	629.6	627.8	628.7	628.7	628.7	623.2	621.4	626.0	627.8	626.9
37.5°	675.5	675.0	670.4	667.7	664.5	663.1	656.2	655.8	666.8	672.3	671.3
40°	731.0	729.1	725.0	720.4	716.3	713.5	706.7	711.7	723.2	727.3	727.3
42.5°	791.5	789.2	784.6	782.3	779.6	776.8	767.7	769.9	783.7	787.8	783.2
45°	865.8	862.6	857.5	852.5	848.4	842.9	838.3	840.6	855.2	860.3	856.6
47.5°	944.7	943.7	939.6	935.5	931.8	928.2	922.2	926.3	939.2	938.2	930.9
50°	1028.1	1030.0	1030.4	1034.5	1031.8	1032.2	1021.2	1018.9	1029.0	1023.1	1013.9
52.5°	1118.0	1120.8	1130.4	1138.6	1153.8	1155.6	1141.8	1127.2	1125.3	1109.7	1100.1
55°	1222.1	1221.6	1242.7	1265.7	1299.1	1309.7	1279.0	1251.4	1236.3	1206.0	1196.0
57.5°	1339.9	1338.6	1370.7	1411.0	1471.6	1497.7	1441.3	1389.0	1352.3	1316.1	1305.6
60°	1467.9	1471.1	1510.1	1575.7	1680.2	1716.4	1631.1	1544.5	1488.5	1441.3	1437.2
62.5°	1617.4	1617.8	1663.7	1752.7	1888.4	1946.6	1829.2	1711.9	1640.8	1589.0	1577.9
65°	1793.9	1797.1	1846.2	1936.1	2092.0	2164.0	2028.7	1885.6	1801.7	1731.6	1730.2
67.5°	1975.1	1973.2	2018.2	2113.6	2264.0	2330.5	2188.8	2029.2	1920.0	1832.5	1821.0
70°	2091.1	2101.2	2149.8	2241.0	2385.0	2449.7	2277.3	2084.7	1970.5	1890.2	1884.7
72.5°	1993.4	2012.2	2075.0	2226.4	2430.4	2507.0	2256.2	2027.3	1883.4	1802.6	1802.6
75°	1618.3	1649.5	1737.1	1970.0	2273.6	2406.1	2088.8	1774.2	1564.6	1478.4	1478.4
77.5°	985.9	1015.7	1134.0	1418.4	1836.1	2005.8	1702.7	1336.3	1093.7	988.2	974.5
80°	327.9	347.1	463.2	720.9	1127.2	1334.9	1140.9	758.9	489.8	373.3	371.4
82.5°	87.1	94.9	132.1	209.1	489.3	723.2	521.9	250.4	143.5	111.4	102.7
85°	30.3	32.6	55.9	69.7	124.3	239.4	145.4	90.8	69.7	42.2	39.4
87.5°	8.7	9.6	22.5	24.3	35.8	28.0	39.4	36.2	33.0	13.8	12.4
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)