

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: P672372

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672372
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-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5WQ
distribution lens
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6053.5 lumens
Efficiency: N/A
Efficacy: 131.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

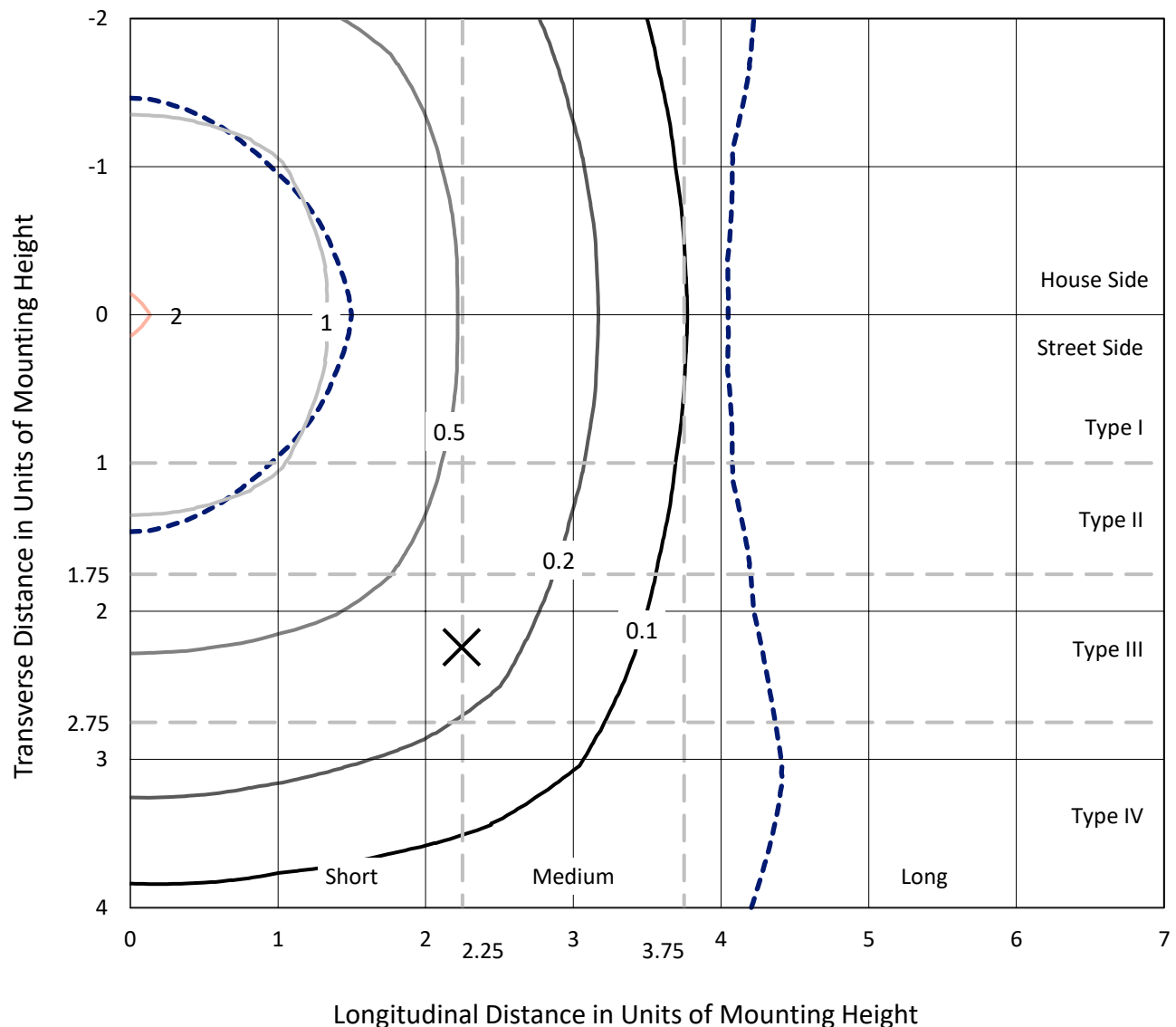
Input Watts (W): 46
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672372

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

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

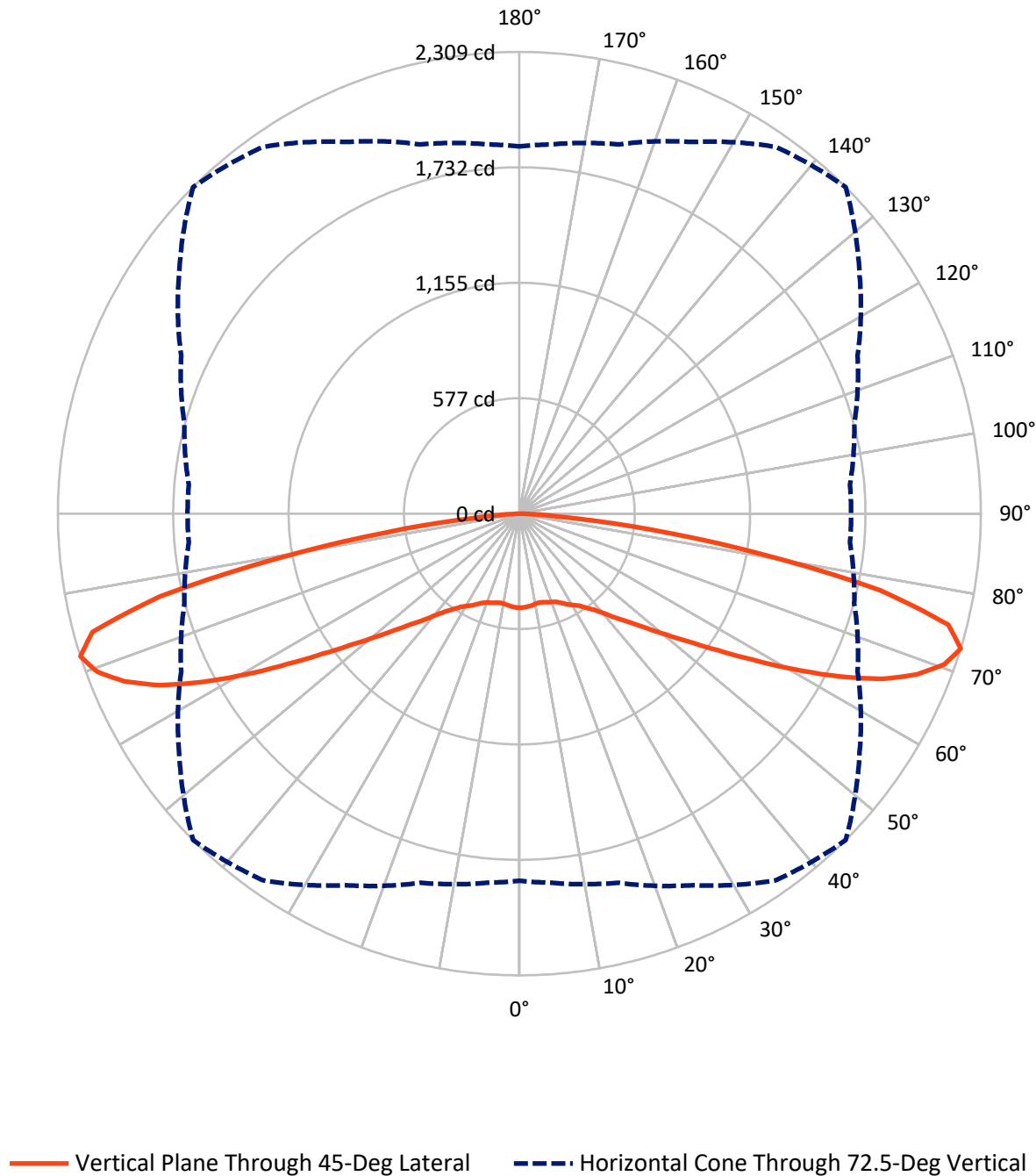


Based on 15 foot mounting height. Maximum calculated value = 2.1 fc
 Type V - Short - N/A

REPORT NUMBER: P672372

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

Luminous Intensity Polar Plot



REPORT NUMBER: P672372

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3026.7	0.0	3026.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3026.7	0.0	3026.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	6053.5	0.0	6053.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.3	0.7
10°-20°	131.5	2.2
20°-30°	231.0	3.8
30°-40°	368.5	6.1
40°-50°	616.1	10.2
50°-60°	1054.4	17.4
60°-70°	1740.6	28.8
70°-80°	1668.3	27.6
80°-90°	199.0	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°	6053.5	100.0
0°-180°	6053.5	100.0

Coefficient of Utilization



REPORT NUMBER: P672372

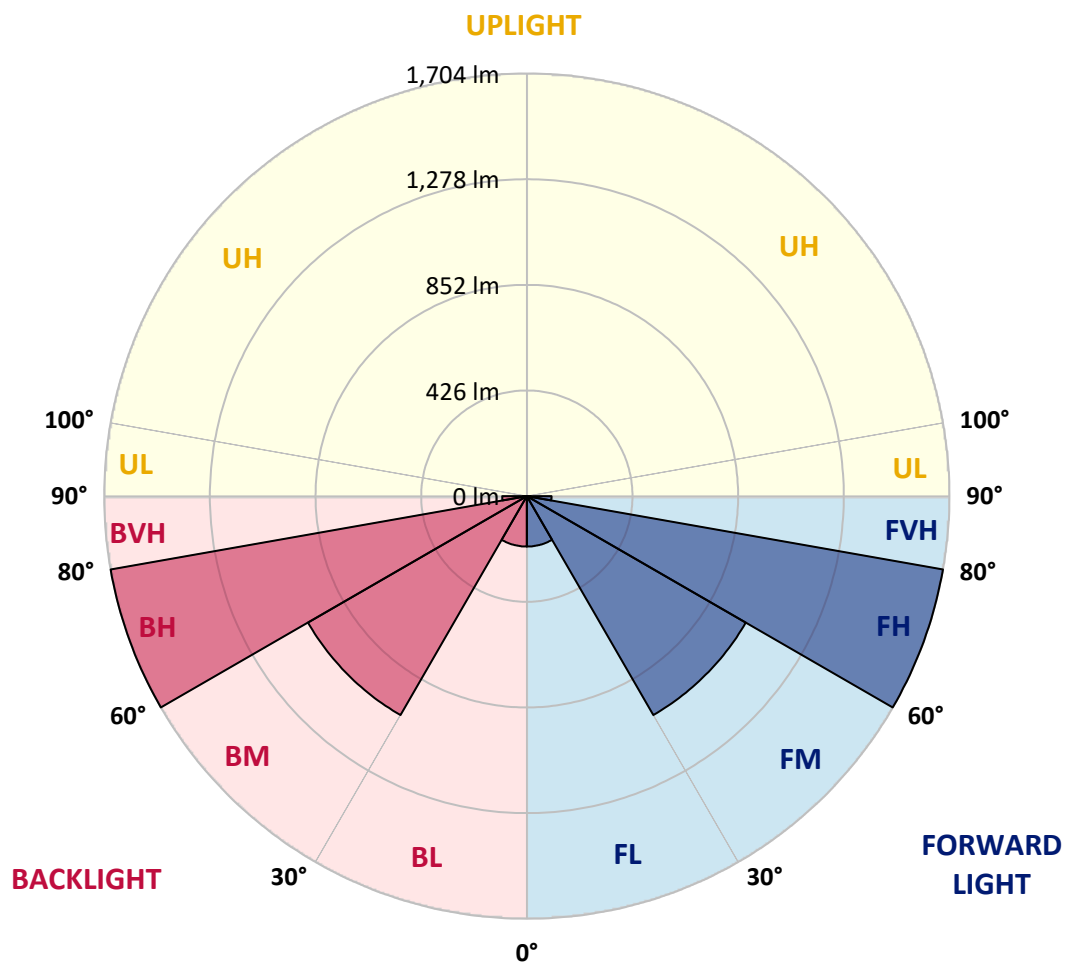
CATALOG NUMBER: CCP-SA-2B-727-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	203.4	3.4			
FM	(30°-60°)	1019.5	16.8			
FH	(60°-80°)	1704.4	28.2			G1/1800
FVH	(80°-90°)	99.5	1.6			G1/100
BL	(0°-30°)	203.4	3.4	B1/500		
BM	(30°-60°)	1019.5	16.8	B2/2500		
BH	(60°-80°)	1704.4	28.2	B3/2500		G1/1800
BVH	(80°-90°)	99.5	1.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short





REPORT NUMBER: P672372

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

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	471.4	471.4	471.4	471.4	471.4	471.4	471.4	471.4	471.4	471.4	471.4
2.5°	468.4	468.4	469.7	470.1	469.7	469.3	468.9	468.4	469.7	469.3	469.7
5°	467.2	467.2	467.6	468.0	467.2	466.7	465.9	465.5	466.3	466.3	467.2
7.5°	463.8	463.4	463.8	464.2	462.9	462.5	461.3	461.3	461.3	460.8	461.7
10°	460.8	460.0	460.0	459.1	457.0	457.5	455.8	457.0	459.1	459.6	460.0
12.5°	462.1	461.3	460.4	458.3	455.3	455.8	455.3	456.6	459.6	461.3	462.5
15°	468.0	467.2	465.1	461.3	459.6	459.6	458.7	459.1	463.4	465.9	467.2
17.5°	474.4	472.7	468.9	466.3	464.6	465.9	462.9	462.5	465.9	469.7	471.0
20°	479.4	478.2	473.5	470.5	470.5	471.8	468.9	467.2	471.0	475.6	476.9
22.5°	488.3	487.4	482.8	479.8	479.8	480.3	478.6	477.3	481.5	486.2	487.4
25°	501.0	501.0	496.3	495.0	494.6	495.5	493.4	492.1	495.9	499.3	500.5
27.5°	515.7	514.5	510.7	509.8	511.5	514.5	510.7	507.3	510.3	513.2	513.6
30°	531.4	531.4	528.0	528.0	529.3	530.5	527.2	523.8	526.7	530.1	530.5
32.5°	553.3	552.1	550.8	551.2	550.8	549.1	547.4	547.0	549.5	551.7	552.5
35°	580.4	580.0	578.3	579.1	579.1	579.1	574.0	572.3	576.6	578.3	577.4
37.5°	622.2	621.8	617.5	615.0	612.1	610.8	604.4	604.0	614.2	619.2	618.4
40°	673.3	671.6	667.8	663.6	659.8	657.2	650.9	655.6	666.1	669.9	669.9
42.5°	729.1	726.9	722.7	720.6	718.1	715.5	707.1	709.2	721.9	725.7	721.5
45°	797.5	794.5	789.9	785.2	781.4	776.4	772.1	774.3	787.8	792.4	789.0
47.5°	870.1	869.3	865.5	861.7	858.3	854.9	849.4	853.2	865.1	864.2	857.5
50°	947.0	948.7	949.1	952.9	950.4	950.8	940.7	938.6	947.9	942.4	933.9
52.5°	1029.8	1032.3	1041.2	1048.8	1062.8	1064.4	1051.8	1038.3	1036.6	1022.2	1013.3
55°	1125.7	1125.3	1144.7	1165.8	1196.6	1206.4	1178.1	1152.7	1138.8	1110.9	1101.6
57.5°	1234.2	1233.0	1262.5	1299.7	1355.5	1379.5	1327.6	1279.4	1245.6	1212.3	1202.6
60°	1352.1	1355.0	1391.0	1451.4	1547.7	1581.0	1502.5	1422.6	1371.1	1327.6	1323.8
62.5°	1489.8	1490.2	1532.5	1614.4	1739.4	1793.1	1684.9	1576.8	1511.3	1463.6	1453.5
65°	1652.4	1655.4	1700.6	1783.4	1927.0	1993.3	1868.7	1736.9	1659.6	1595.0	1593.7
67.5°	1819.3	1817.6	1859.0	1946.8	2085.4	2146.6	2016.1	1869.1	1768.6	1687.9	1677.3
70°	1926.1	1935.4	1980.2	2064.3	2196.9	2256.4	2097.6	1920.2	1815.0	1741.1	1736.1
72.5°	1836.2	1853.5	1911.3	2050.7	2238.7	2309.2	2078.2	1867.4	1734.8	1660.4	1660.4
75°	1490.6	1519.4	1600.0	1814.6	2094.2	2216.3	1924.0	1634.3	1441.2	1361.8	1361.8
77.5°	908.2	935.6	1044.6	1306.5	1691.3	1847.6	1568.4	1230.9	1007.4	910.3	897.6
80°	302.0	319.8	426.6	664.0	1038.3	1229.6	1050.9	699.1	451.1	343.8	342.1
82.5°	80.3	87.4	121.7	192.6	450.7	666.1	480.7	230.6	132.2	102.6	94.6
85°	27.9	30.0	51.5	64.2	114.5	220.5	133.9	83.6	64.2	38.9	36.3
87.5°	8.0	8.9	20.7	22.4	32.9	25.8	36.3	33.4	30.4	12.7	11.4
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)