

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: P672369

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672369
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-727-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5WQ
distribution lens
Light Source: (16) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5992.9 lumens
Efficiency: N/A
Efficacy: 106.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

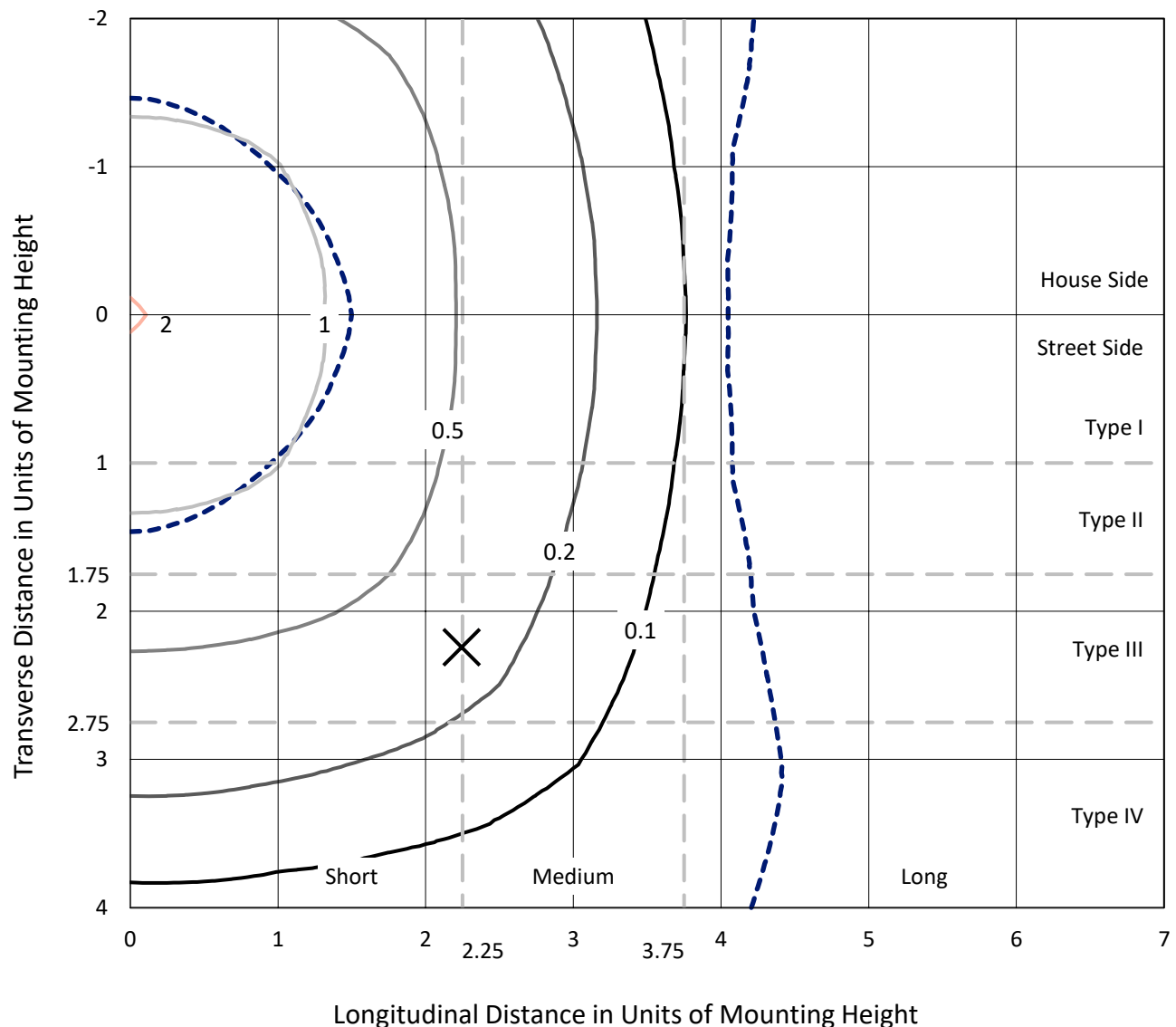
Input Watts (W): 56.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

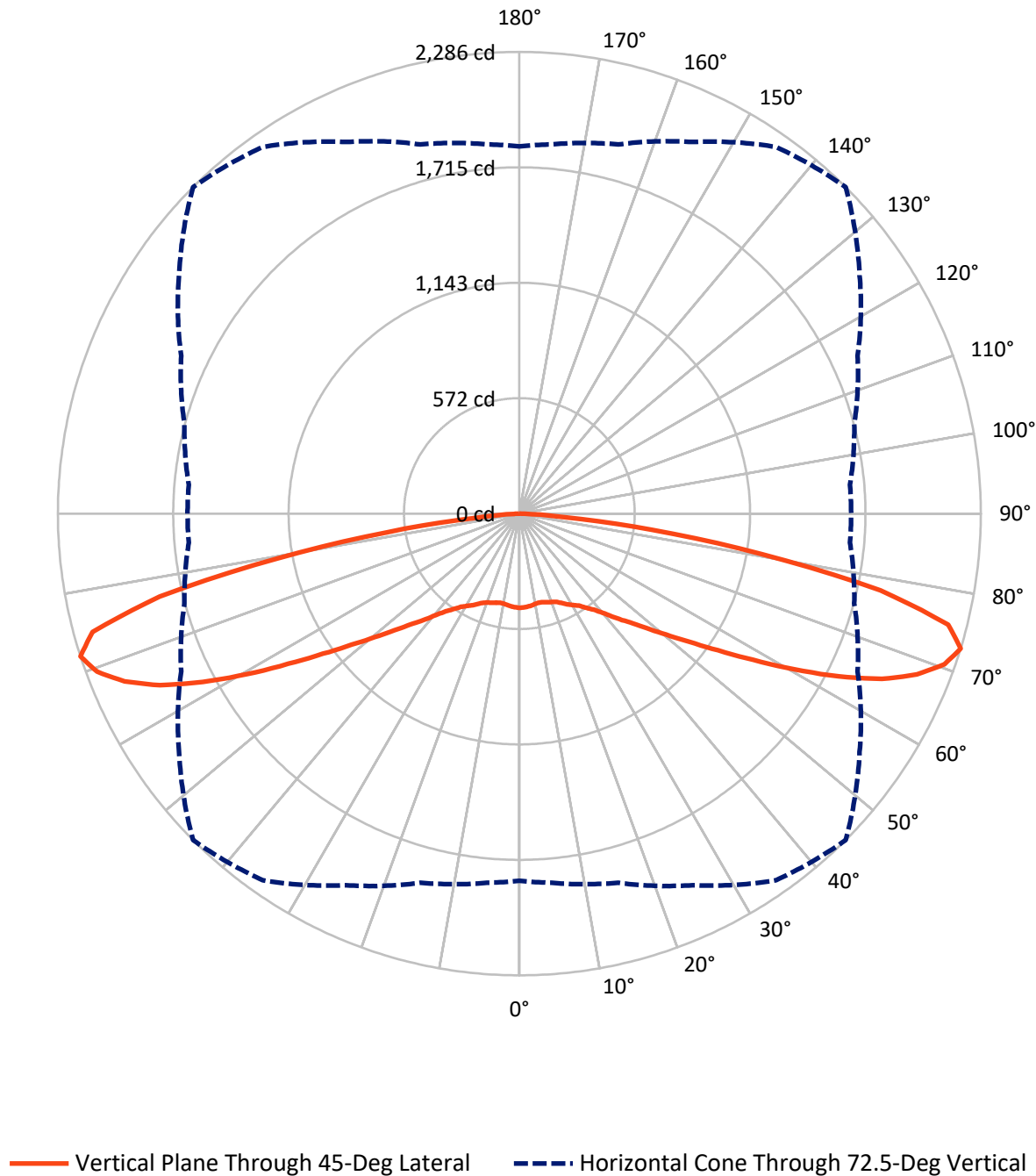
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



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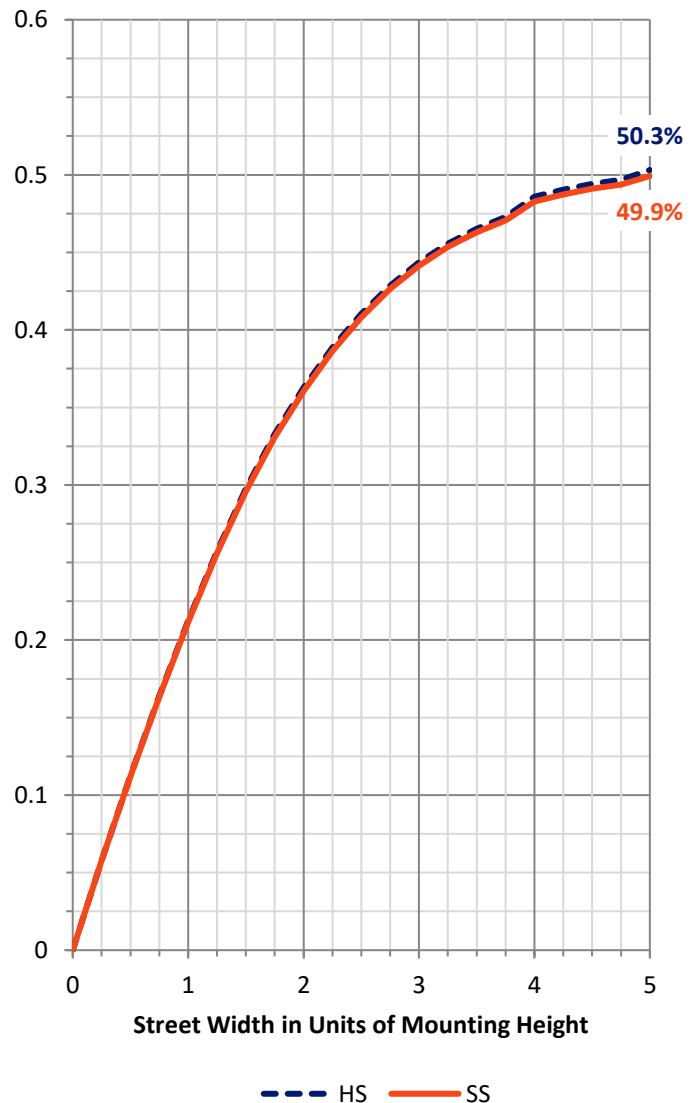
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2996.4	0.0	2996.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2996.4	0.0	2996.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	5992.9	0.0	5992.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.8	0.7
10°-20°	130.2	2.2
20°-30°	228.6	3.8
30°-40°	364.8	6.1
40°-50°	610.0	10.2
50°-60°	1043.8	17.4
60°-70°	1723.2	28.8
70°-80°	1651.6	27.6
80°-90°	197.0	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°	5992.9	100.0
0°-180°	5992.9	100.0

Coefficient of Utilization



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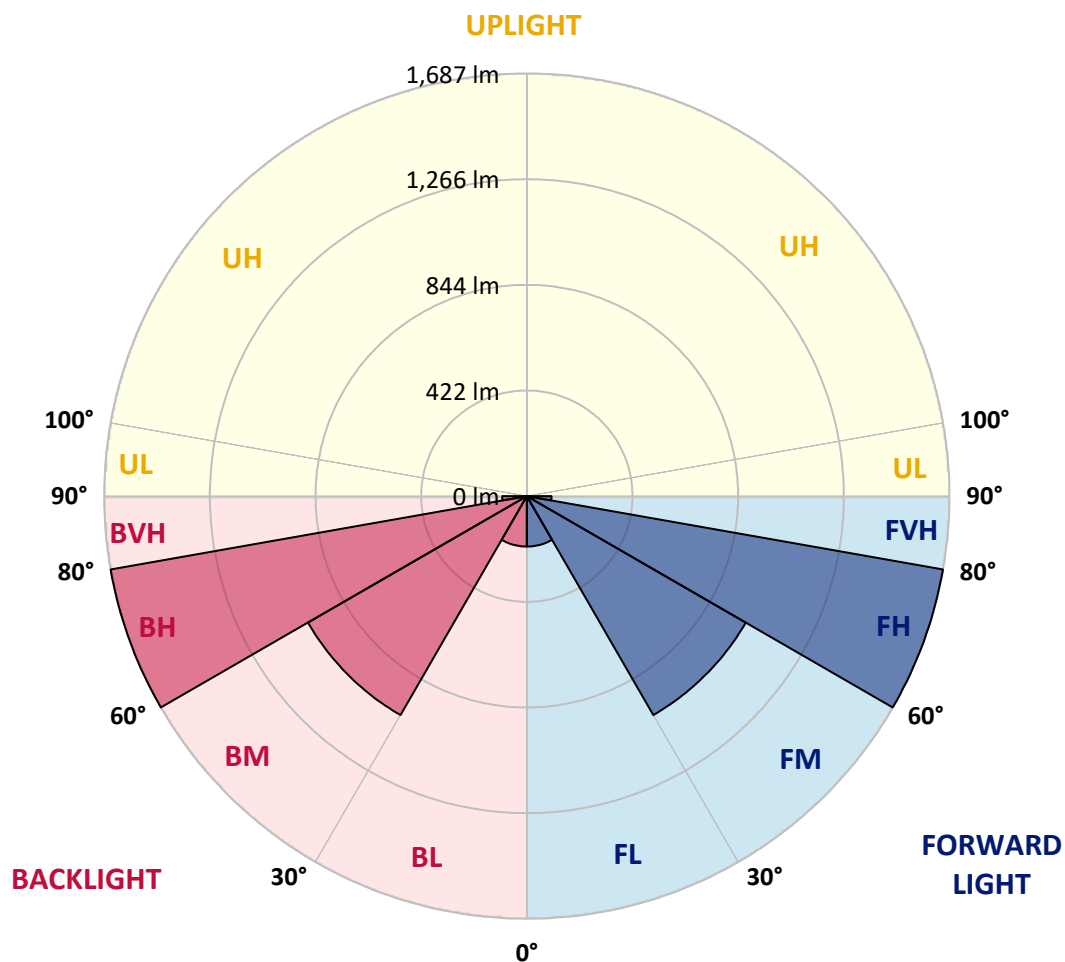
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	201.3	3.4			
FM	(30°-60°)	1009.3	16.8			
FH	(60°-80°)	1687.4	28.2			G1/1800
FVH	(80°-90°)	98.5	1.6			G1/100
BL	(0°-30°)	201.3	3.4	B1/500		
BM	(30°-60°)	1009.3	16.8	B2/2500		
BH	(60°-80°)	1687.4	28.2	B3/2500		G1/1800
BVH	(80°-90°)	98.5	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	466.7	466.7	466.7	466.7	466.7	466.7	466.7	466.7	466.7	466.7	466.7
2.5°	463.7	463.7	465.0	465.4	465.0	464.6	464.2	463.7	465.0	464.6	465.0
5°	462.5	462.5	462.9	463.3	462.5	462.1	461.2	460.8	461.7	461.7	462.5
7.5°	459.1	458.7	459.1	459.6	458.3	457.9	456.6	456.6	456.6	456.2	457.1
10°	456.2	455.4	455.4	454.5	452.5	452.9	451.2	452.5	454.5	455.0	455.4
12.5°	457.5	456.6	455.8	453.7	450.8	451.2	450.8	452.0	455.0	456.6	457.9
15°	463.3	462.5	460.4	456.6	455.0	455.0	454.1	454.5	458.7	461.2	462.5
17.5°	469.6	467.9	464.2	461.7	460.0	461.2	458.3	457.9	461.2	465.0	466.3
20°	474.6	473.4	468.8	465.8	465.8	467.1	464.2	462.5	466.3	470.9	472.1
22.5°	483.4	482.6	478.0	475.0	475.0	475.5	473.8	472.5	476.7	481.3	482.6
25°	495.9	495.9	491.3	490.1	489.7	490.5	488.4	487.2	490.9	494.3	495.5
27.5°	510.6	509.3	505.6	504.7	506.4	509.3	505.6	502.2	505.1	508.1	508.5
30°	526.1	526.1	522.7	522.7	524.0	525.2	521.9	518.5	521.5	524.8	525.2
32.5°	547.8	546.5	545.3	545.7	545.3	543.6	541.9	541.5	544.0	546.1	547.0
35°	574.6	574.1	572.5	573.3	573.3	573.3	568.3	566.6	570.8	572.5	571.6
37.5°	616.0	615.5	611.4	608.8	605.9	604.7	598.4	598.0	608.0	613.0	612.2
40°	666.6	664.9	661.1	656.9	653.2	650.7	644.4	649.0	659.4	663.2	663.2
42.5°	721.8	719.7	715.5	713.4	710.9	708.4	700.0	702.1	714.6	718.4	714.2
45°	789.5	786.6	782.0	777.4	773.6	768.6	764.4	766.5	779.9	784.5	781.1
47.5°	861.4	860.6	856.8	853.1	849.7	846.4	840.9	844.7	856.4	855.6	848.9
50°	937.5	939.2	939.6	943.4	940.9	941.3	931.3	929.2	938.4	932.9	924.6
52.5°	1019.5	1022.0	1030.8	1038.3	1052.1	1053.8	1041.2	1027.9	1026.2	1012.0	1003.2
55°	1114.4	1114.0	1133.2	1154.1	1184.7	1194.3	1166.3	1141.2	1127.4	1099.8	1090.6
57.5°	1221.9	1220.6	1249.9	1286.7	1341.9	1365.7	1314.3	1266.6	1233.2	1200.1	1190.5
60°	1338.5	1341.5	1377.0	1436.8	1532.2	1565.2	1487.4	1408.4	1357.4	1314.3	1310.5
62.5°	1474.9	1475.3	1517.1	1598.2	1722.0	1775.1	1668.1	1561.0	1496.2	1448.9	1438.9
65°	1635.9	1638.8	1683.5	1765.5	1907.7	1973.3	1850.0	1719.5	1643.0	1579.0	1577.7
67.5°	1801.0	1799.4	1840.3	1927.3	2064.5	2125.1	1995.9	1850.4	1750.9	1671.0	1660.5
70°	1906.8	1916.0	1960.4	2043.6	2174.9	2233.8	2076.6	1901.0	1796.9	1723.7	1718.7
72.5°	1817.8	1834.9	1892.2	2030.2	2216.3	2286.1	2057.4	1848.7	1717.4	1643.8	1643.8
75°	1475.7	1504.1	1584.0	1796.4	2073.3	2194.1	1904.7	1617.9	1426.8	1348.2	1348.2
77.5°	899.1	926.2	1034.1	1293.4	1674.3	1829.1	1552.7	1218.5	997.3	901.1	888.6
80°	299.0	316.6	422.3	657.4	1027.9	1217.3	1040.4	692.1	446.6	340.4	338.7
82.5°	79.5	86.6	120.4	190.7	446.2	659.4	475.9	228.3	130.9	101.6	93.7
85°	27.6	29.7	51.0	63.6	113.3	218.3	132.6	82.8	63.6	38.5	36.0
87.5°	7.9	8.8	20.5	22.2	32.6	25.5	36.0	33.0	30.1	12.5	11.3
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)