

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: P672517

Luminaire Tested: **CCP-SA-2C-727-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672517
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-727-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5MQ
distribution lens
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

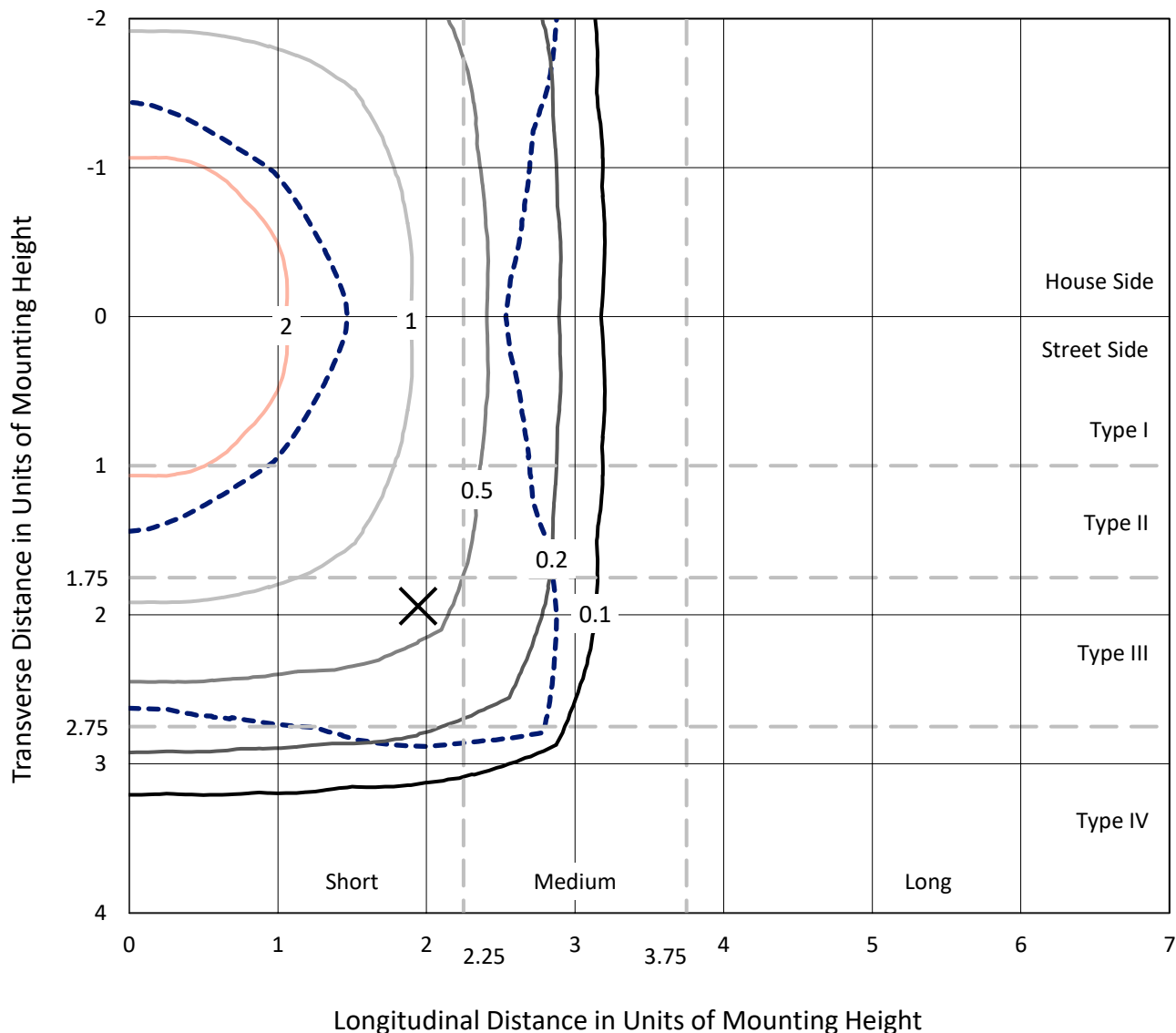
Lumens per Lamp: N/A
Luminaire Lumens: 7805.2 lumens
Efficiency: N/A
Efficacy: 125.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 62.1
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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 CATALOG NUMBER: CCP-SA-2C-727-U-5MQ

Iso-Footcandle Lines of Horizontal Illumination

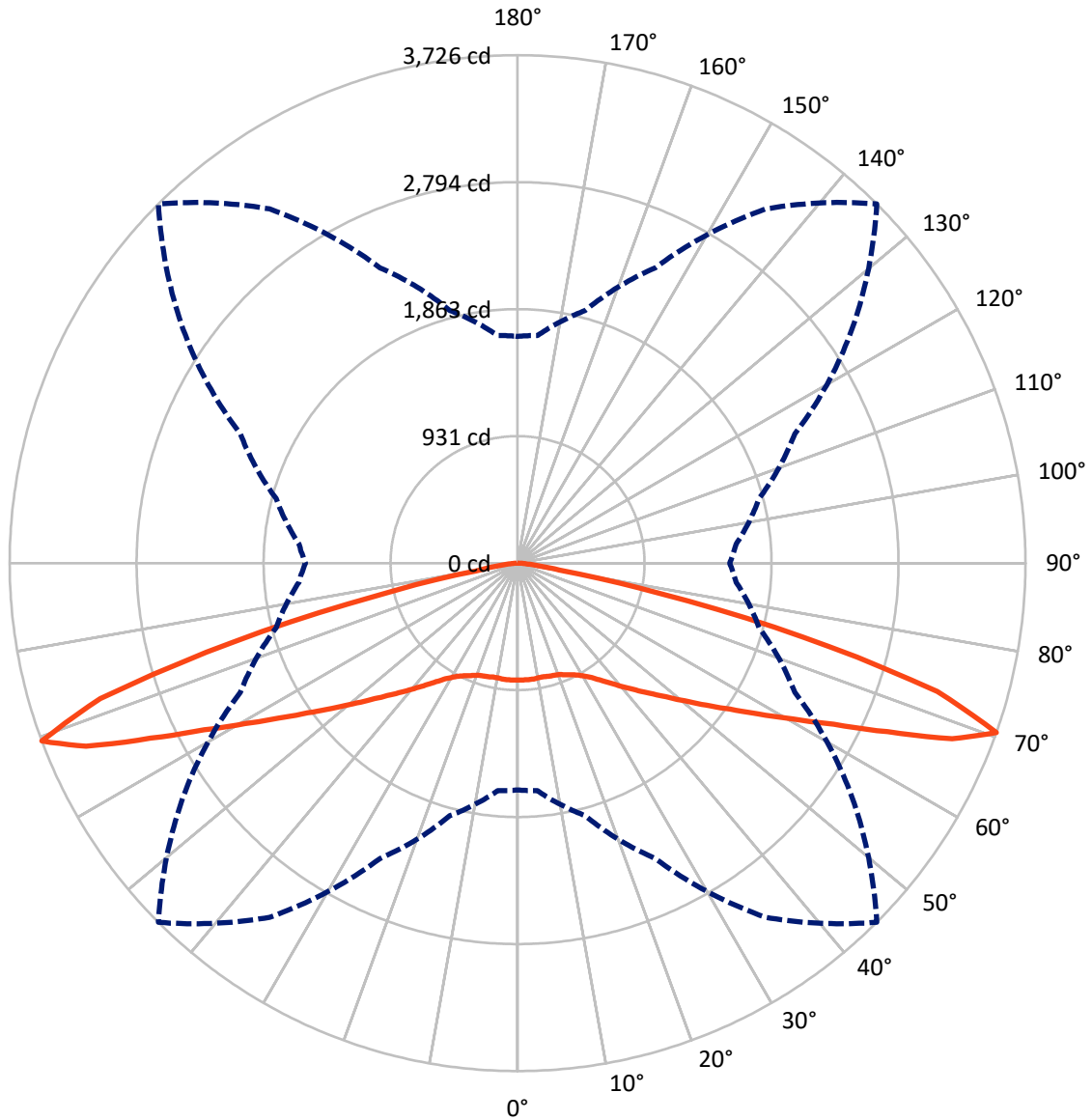
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.8 fc
 Type V - Short - N/A

REPORT NUMBER: P672517
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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3902.6	0.0	3902.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3902.6	0.0	3902.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	7805.2	0.0	7805.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.6	1.0
10°-20°	241.6	3.1
20°-30°	412.7	5.3
30°-40°	658.5	8.4
40°-50°	1062.6	13.6
50°-60°	1701.6	21.8
60°-70°	2491.0	31.9
70°-80°	1095.5	14.0
80°-90°	60.0	0.8
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°	7805.2	100.0
0°-180°	7805.2	100.0



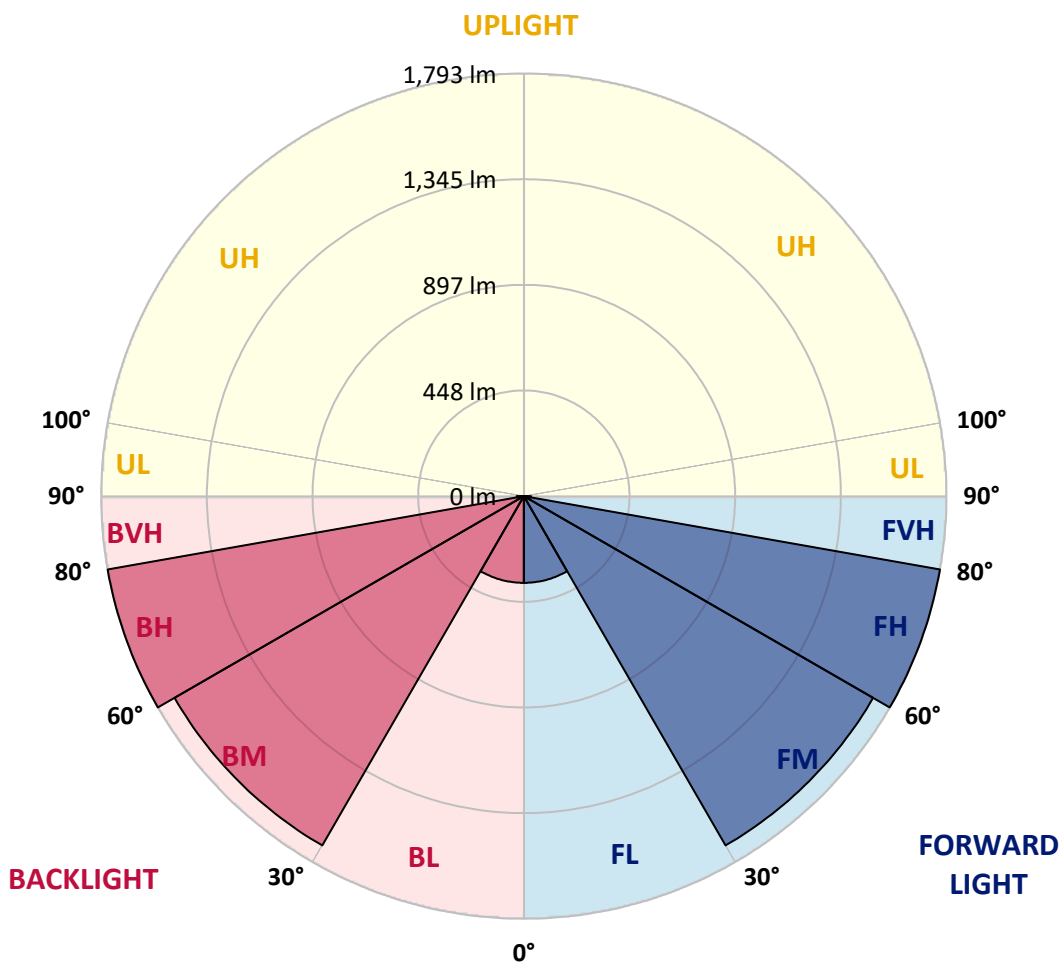
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	368.0	4.7			
FM (30°-60°)	1711.4	21.9			
FH (60°-80°)	1793.3	23.0			G1/1800
FVH (80°-90°)	30.0	0.4			G1/100
BL (0°-30°)	368.0	4.7	B1/500		
BM (30°-60°)	1711.4	21.9	B2/2500		
BH (60°-80°)	1793.3	23.0	B3/2500		G1/1800
BVH (80°-90°)	30.0	0.4			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°	858.3	858.3	858.3	858.3	858.3	858.3	858.3	858.3	858.3	858.3	858.3
2.5°	857.2	856.7	857.8	858.3	857.2	857.8	854.4	854.4	856.1	854.4	856.7
5°	861.1	860.0	861.1	861.1	858.3	858.3	854.4	853.3	854.4	851.7	853.9
7.5°	861.6	859.4	861.1	860.5	858.3	858.3	852.8	850.6	851.1	848.4	850.0
10°	856.1	855.0	857.2	856.1	854.4	854.4	850.0	846.7	846.7	843.9	845.6
12.5°	852.8	851.7	854.4	855.0	853.9	854.4	848.9	844.5	842.8	839.5	840.6
15°	852.8	850.6	855.0	856.1	857.2	861.1	852.8	845.0	841.7	837.3	838.4
17.5°	852.2	851.1	856.1	860.0	861.1	865.5	856.1	847.8	843.9	837.3	838.4
20°	852.2	851.7	857.8	865.0	868.3	872.1	862.2	854.4	847.8	840.6	840.6
22.5°	855.0	854.4	862.7	873.3	882.7	889.3	877.7	865.0	856.1	846.7	845.6
25°	866.6	865.5	875.5	888.2	900.9	907.5	895.9	883.2	870.5	860.0	858.9
27.5°	890.4	889.8	899.8	915.3	924.1	929.1	919.2	908.1	895.4	883.2	882.7
30°	922.5	922.5	935.2	951.2	956.2	960.1	950.1	942.4	929.1	915.8	914.7
32.5°	961.2	963.4	978.3	996.0	999.3	1001.6	991.1	986.1	971.7	957.3	955.1
35°	1012.1	1012.6	1030.9	1048.6	1053.0	1055.2	1043.0	1038.6	1025.3	1009.9	1006.5
37.5°	1076.8	1075.1	1092.3	1112.2	1116.6	1119.4	1109.4	1106.1	1089.5	1074.0	1069.0
40°	1149.2	1150.3	1169.7	1188.5	1191.3	1192.4	1187.4	1182.4	1166.9	1149.2	1143.1
42.5°	1233.3	1233.3	1256.0	1278.1	1278.1	1272.5	1270.3	1269.2	1254.3	1234.4	1227.8
45°	1329.5	1330.6	1358.8	1375.4	1376.5	1361.6	1363.8	1370.4	1356.1	1330.6	1321.8
47.5°	1435.1	1436.8	1470.0	1488.2	1484.9	1465.6	1477.7	1481.0	1464.5	1431.8	1420.2
50°	1546.3	1551.3	1588.3	1620.4	1616.0	1587.8	1603.8	1604.9	1577.8	1540.2	1524.2
52.5°	1666.3	1677.9	1727.1	1761.4	1765.9	1730.5	1744.3	1743.2	1708.3	1656.9	1646.4
55°	1815.1	1821.7	1870.4	1919.1	1935.6	1892.0	1907.4	1899.7	1852.7	1794.1	1776.4
57.5°	1963.8	1973.8	2036.3	2091.0	2124.2	2087.2	2090.5	2070.6	2011.4	1940.6	1931.8
60°	2140.3	2144.7	2213.8	2285.2	2342.7	2320.6	2305.1	2263.6	2193.9	2123.1	2110.4
62.5°	2284.6	2293.5	2396.3	2501.4	2598.7	2602.6	2555.6	2493.7	2382.5	2264.2	2238.7
65°	2324.4	2338.8	2483.2	2690.5	2893.0	2983.1	2854.2	2665.1	2416.8	2238.2	2200.0
67.5°	2139.2	2166.8	2373.1	2717.6	3166.7	3437.2	3092.1	2583.8	2237.1	2028.6	1992.1
70°	1663.5	1675.7	1917.9	2390.8	3171.1	3725.8	2996.4	2243.7	1833.9	1609.9	1556.3
72.5°	883.8	889.8	1108.3	1609.9	2580.5	3218.7	2476.0	1570.1	1079.5	876.0	814.6
75°	285.4	293.1	381.6	659.2	1423.5	2162.9	1460.0	653.1	372.2	300.3	284.3
77.5°	145.4	144.9	160.9	212.4	478.9	1060.2	506.6	229.0	160.9	144.3	139.9
80°	90.7	89.0	101.2	116.1	167.6	309.7	182.0	128.3	101.8	87.4	86.8
82.5°	51.4	51.4	68.0	74.7	94.6	127.8	106.2	87.9	69.7	52.0	50.3
85°	28.8	25.4	42.6	47.0	54.2	63.0	64.7	57.0	47.0	28.8	29.9
87.5°	10.5	11.6	19.9	18.8	21.6	14.9	26.5	29.9	26.5	13.8	11.6
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)