

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: P672547

Luminaire Tested: **CCP-SA-1F-740-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672547
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-740-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ 5MQ distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

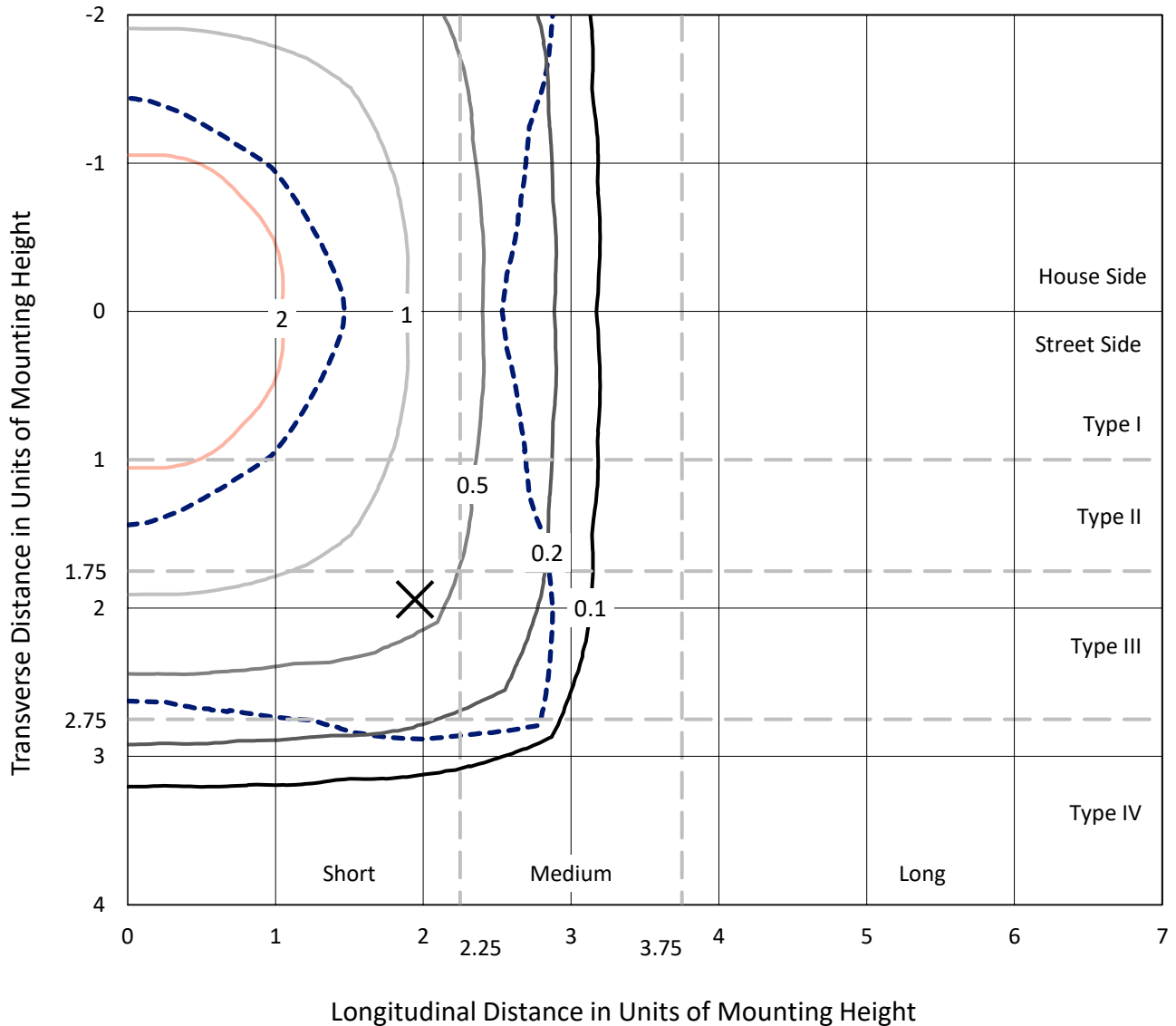
Lumens per Lamp: N/A
Luminaire Lumens: 7739.4 lumens
Efficiency: N/A
Efficacy: 115.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 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: P672547
 CATALOG NUMBER: CCP-SA-1F-740-U-5MQ

Iso-Footcandle Lines of Horizontal Illumination

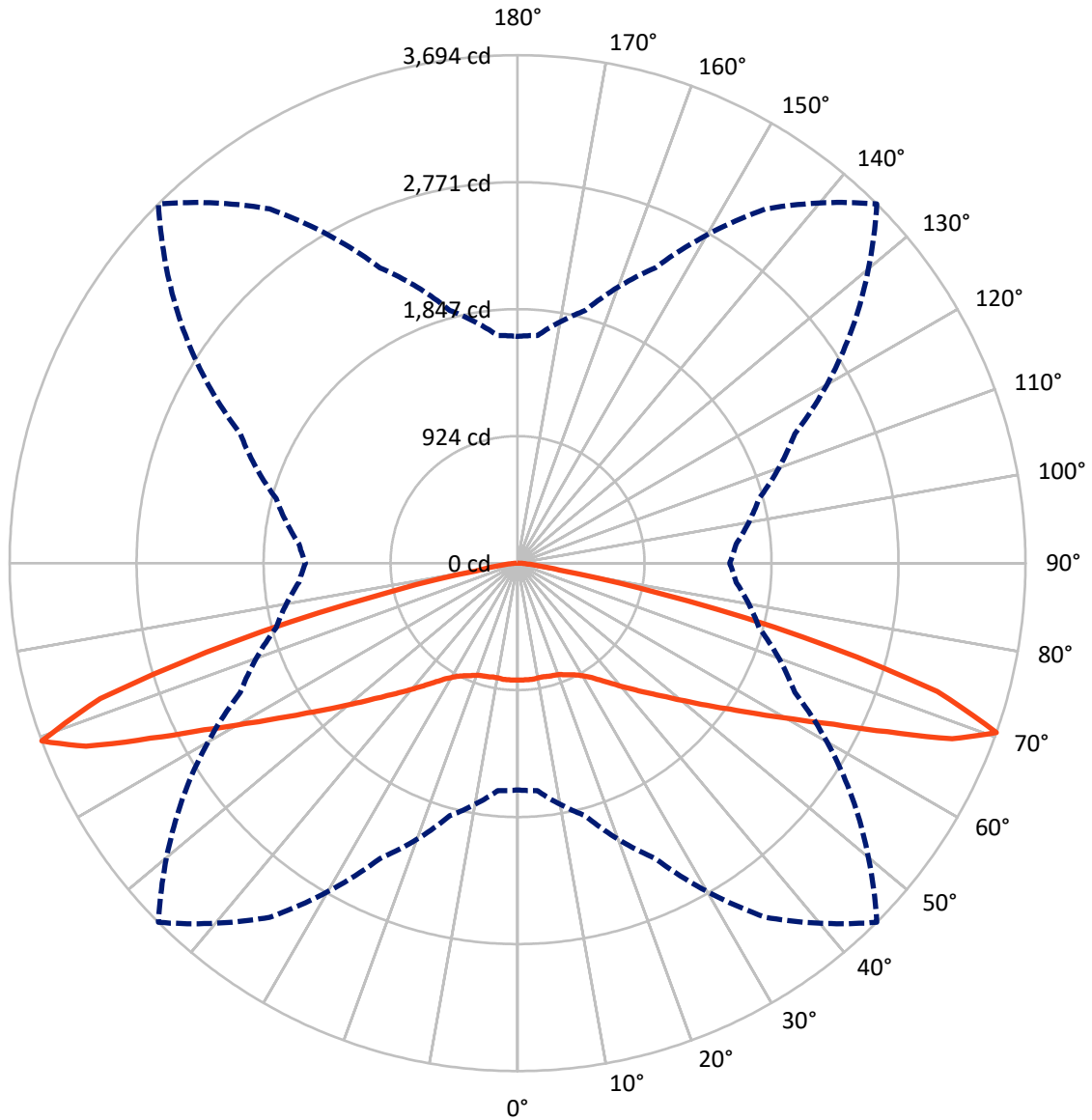
× Max cd
 - - - 1/2 Max cd



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

REPORT NUMBER: P672547
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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	3869.7	0.0	3869.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3869.7	0.0	3869.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	7739.4	0.0	7739.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.0	1.0
10°-20°	239.6	3.1
20°-30°	409.2	5.3
30°-40°	653.0	8.4
40°-50°	1053.7	13.6
50°-60°	1687.2	21.8
60°-70°	2470.0	31.9
70°-80°	1086.3	14.0
80°-90°	59.5	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°	7739.4	100.0
0°-180°	7739.4	100.0



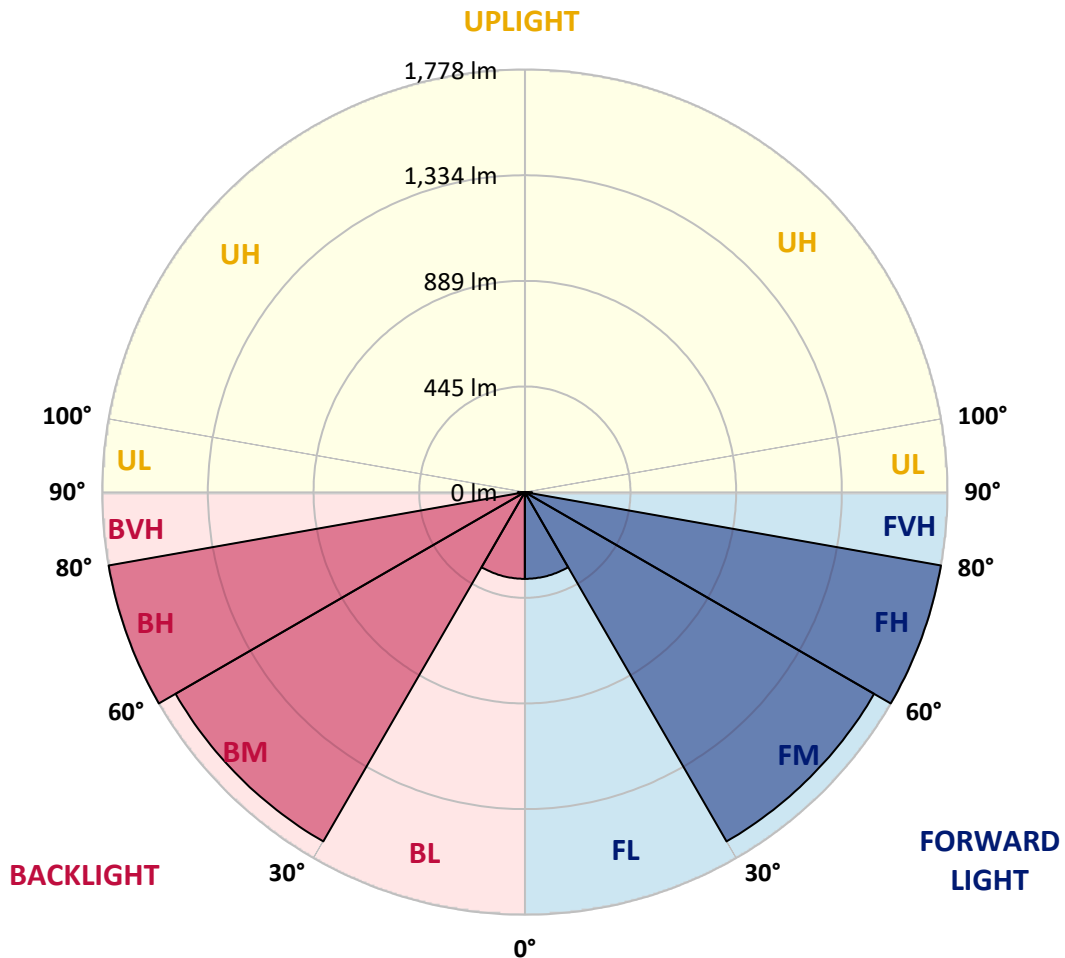
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	364.9	4.7			
FM (30°-60°)	1696.9	21.9			
FH (60°-80°)	1778.1	23.0			G1/1800
FVH (80°-90°)	29.8	0.4			G1/100
BL (0°-30°)	364.9	4.7	B1/500		
BM (30°-60°)	1696.9	21.9	B2/2500		
BH (60°-80°)	1778.1	23.0	B3/2500		G1/1800
BVH (80°-90°)	29.8	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°	851.1	851.1	851.1	851.1	851.1	851.1	851.1	851.1	851.1	851.1	851.1
2.5°	850.0	849.4	850.5	851.1	850.0	850.5	847.2	847.2	848.9	847.2	849.4
5°	853.8	852.7	853.8	853.8	851.1	851.1	847.2	846.1	847.2	844.5	846.7
7.5°	854.4	852.2	853.8	853.3	851.1	851.1	845.6	843.4	844.0	841.2	842.9
10°	848.9	847.8	850.0	848.9	847.2	847.2	842.9	839.6	839.6	836.8	838.5
12.5°	845.6	844.5	847.2	847.8	846.7	847.2	841.8	837.4	835.7	832.4	833.5
15°	845.6	843.4	847.8	848.9	850.0	853.8	845.6	837.9	834.6	830.2	831.3
17.5°	845.1	844.0	848.9	852.7	853.8	858.2	848.9	840.7	836.8	830.2	831.3
20°	845.1	844.5	850.5	857.7	861.0	864.8	854.9	847.2	840.7	833.5	833.5
22.5°	847.8	847.2	855.5	865.9	875.2	881.8	870.3	857.7	848.9	839.6	838.5
25°	859.3	858.2	868.1	880.7	893.3	899.9	888.4	875.8	863.1	852.7	851.6
27.5°	882.9	882.3	892.2	907.6	916.3	921.3	911.4	900.4	887.8	875.8	875.2
30°	914.7	914.7	927.3	943.2	948.1	952.0	942.1	934.4	921.3	908.1	907.0
32.5°	953.1	955.3	970.1	987.6	990.9	993.1	982.7	977.8	963.5	949.2	947.1
35°	1003.5	1004.1	1022.2	1039.7	1044.1	1046.3	1034.2	1029.9	1016.7	1001.3	998.0
37.5°	1067.7	1066.0	1083.0	1102.8	1107.2	1109.9	1100.0	1096.8	1080.3	1065.0	1060.0
40°	1139.5	1140.6	1159.8	1178.5	1181.2	1182.3	1177.4	1172.4	1157.1	1139.5	1133.5
42.5°	1222.9	1222.9	1245.4	1267.3	1267.3	1261.8	1259.6	1258.5	1243.7	1224.0	1217.4
45°	1318.3	1319.4	1347.4	1363.8	1364.9	1350.1	1352.3	1358.9	1344.6	1319.4	1310.6
47.5°	1423.0	1424.7	1457.6	1475.7	1472.4	1453.2	1465.3	1468.6	1452.1	1419.8	1408.2
50°	1533.3	1538.2	1574.9	1606.7	1602.4	1574.4	1590.3	1591.4	1564.5	1527.2	1511.3
52.5°	1652.3	1663.8	1712.6	1746.6	1751.0	1715.9	1729.6	1728.5	1693.9	1642.9	1632.5
55°	1799.8	1806.4	1854.6	1902.9	1919.3	1876.0	1891.4	1883.7	1837.1	1778.9	1761.4
57.5°	1947.3	1957.2	2019.1	2073.4	2106.3	2069.6	2072.9	2053.1	1994.5	1924.3	1915.5
60°	2122.2	2126.6	2195.2	2265.9	2322.9	2301.0	2285.6	2244.5	2175.4	2105.2	2092.6
62.5°	2265.4	2274.1	2376.1	2480.3	2576.8	2580.7	2534.1	2472.6	2362.4	2245.1	2219.8
65°	2304.8	2319.1	2462.2	2667.9	2868.6	2958.0	2830.2	2642.6	2396.4	2219.3	2181.5
67.5°	2121.1	2148.5	2353.1	2694.7	3140.0	3408.2	3066.0	2562.0	2218.2	2011.5	1975.3
70°	1649.5	1661.6	1901.8	2370.6	3144.4	3694.4	2971.1	2224.8	1818.4	1596.3	1543.1
72.5°	876.3	882.3	1099.0	1596.3	2558.7	3191.6	2455.1	1556.8	1070.4	868.6	807.8
75°	283.0	290.6	378.4	653.7	1411.5	2144.7	1447.7	647.6	369.1	297.8	281.9
77.5°	144.2	143.7	159.6	210.6	474.9	1051.2	502.3	227.0	159.6	143.1	138.7
80°	89.9	88.3	100.4	115.2	166.2	307.1	180.4	127.2	100.9	86.6	86.1
82.5°	51.0	51.0	67.5	74.0	93.8	126.7	105.3	87.2	69.1	51.5	49.9
85°	28.5	25.2	42.2	46.6	53.7	62.5	64.2	56.5	46.6	28.5	29.6
87.5°	10.4	11.5	19.7	18.6	21.4	14.8	26.3	29.6	26.3	13.7	11.5
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)