

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: P672813

Luminaire Tested: **CCP-SA-1F-730-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672813
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-730-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ RW distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

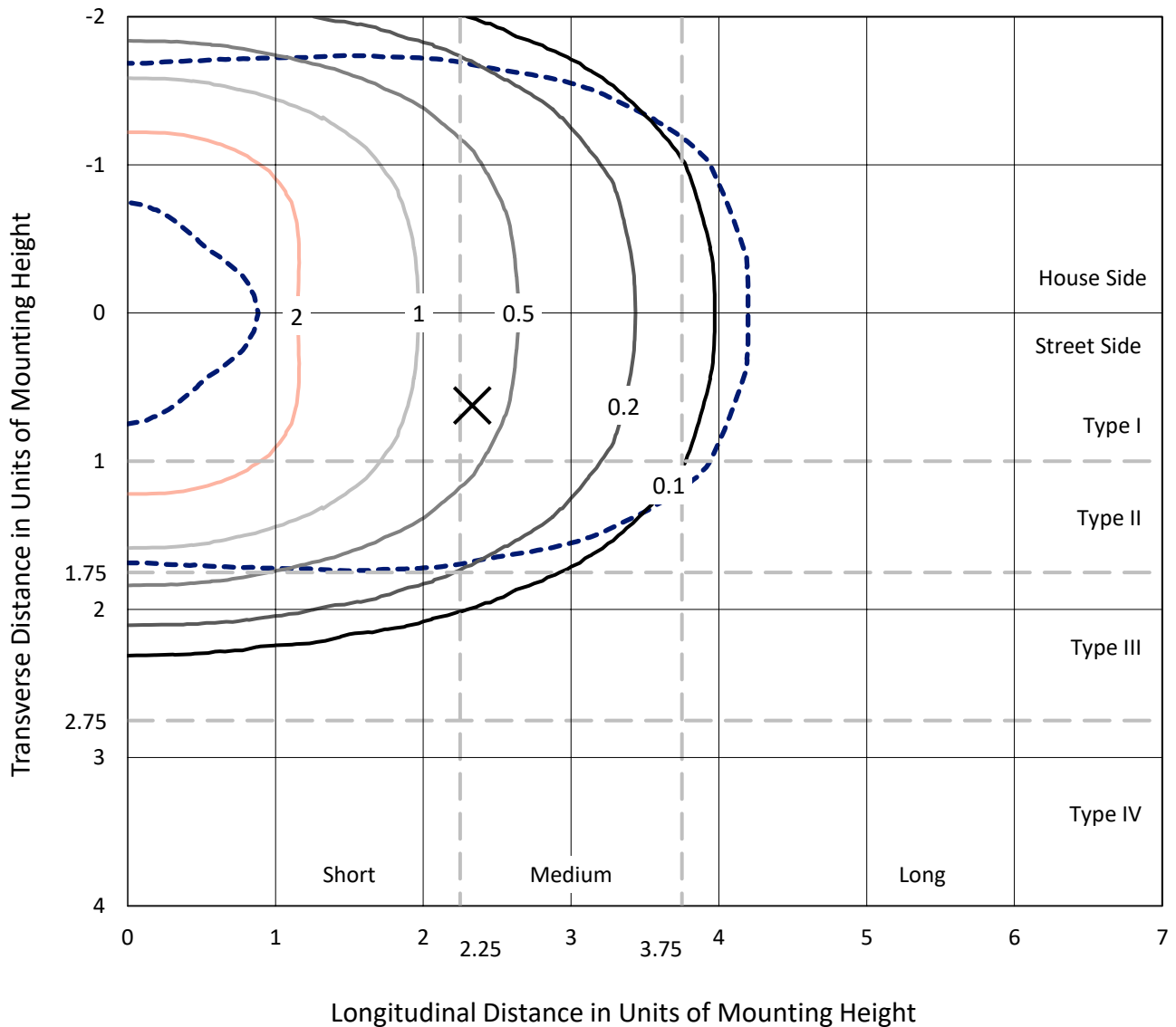
Lumens per Lamp: N/A
Luminaire Lumens: 6945.1 lumens
Efficiency: N/A
Efficacy: 103.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

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

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Iso-Footcandle Lines of Horizontal Illumination

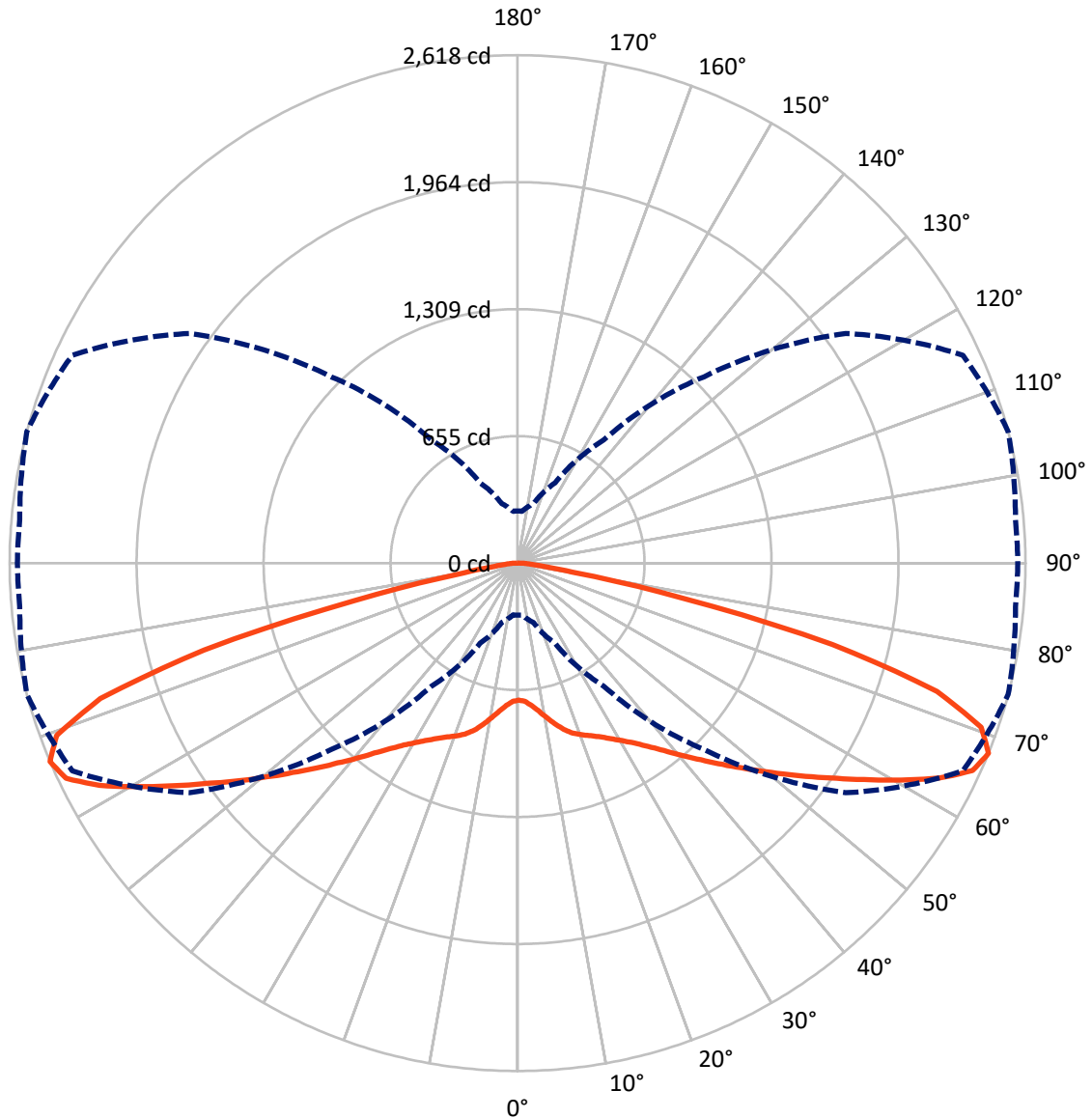
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.6 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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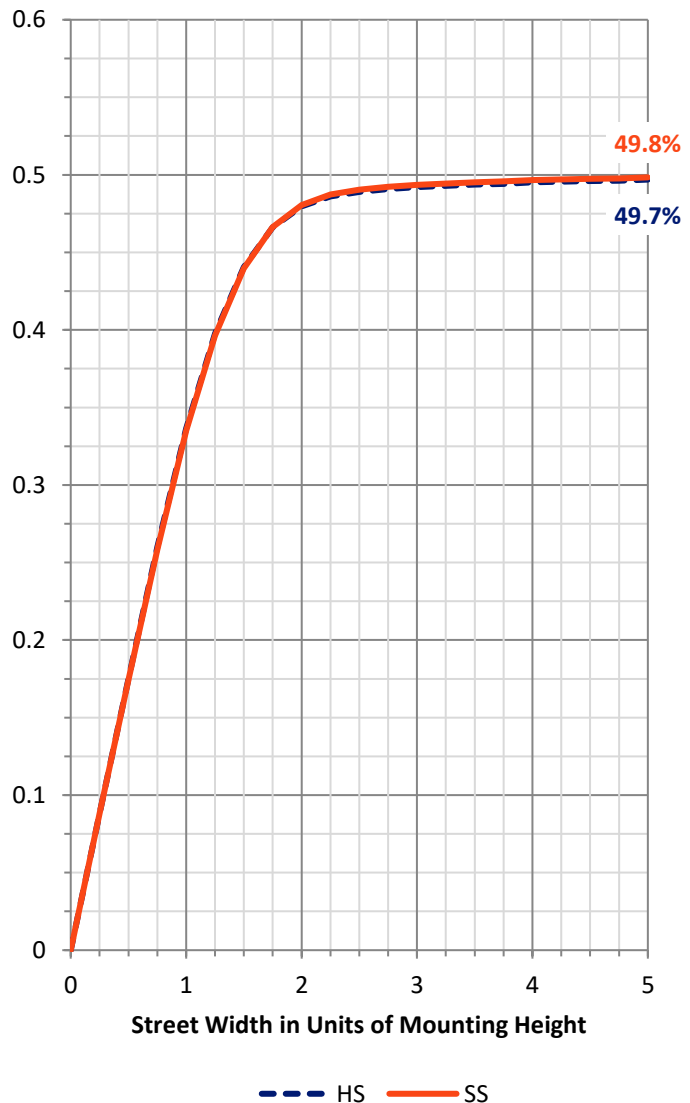
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3472.5	0.0	3472.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3472.5	0.0	3472.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	6945.1	0.0	6945.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.9	1.0
10°-20°	235.6	3.4
20°-30°	460.0	6.6
30°-40°	793.6	11.4
40°-50°	1285.5	18.5
50°-60°	1748.3	25.2
60°-70°	1612.9	23.2
70°-80°	674.9	9.7
80°-90°	64.4	0.9
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°	6945.1	100.0
0°-180°	6945.1	100.0



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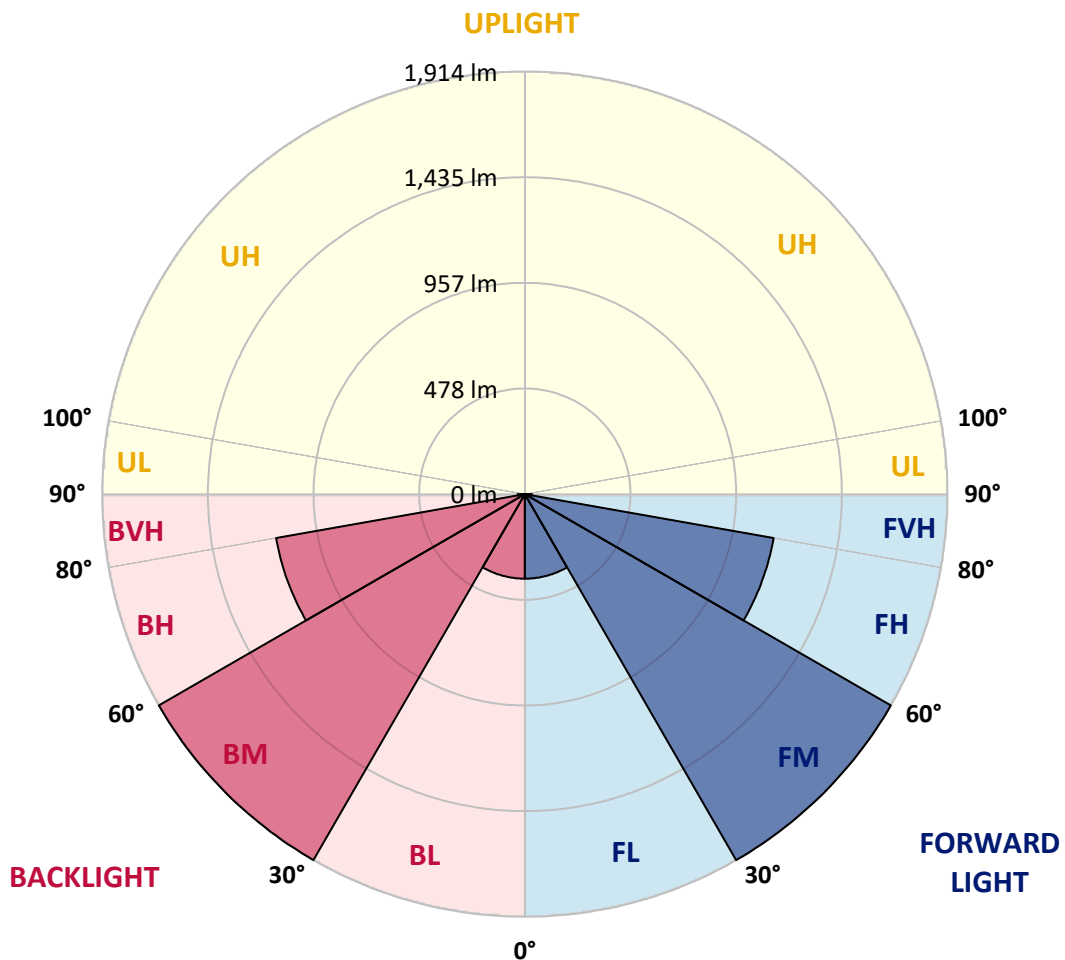
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	382.8	5.5			
FM (30°-60°)	1913.7	27.6			
FH (60°-80°)	1143.9	16.5			G1/1800
FVH (80°-90°)	32.2	0.5			G1/100
BL (0°-30°)	382.8	5.5	B1/500		
BM (30°-60°)	1913.7	27.6	B2/2500		
BH (60°-80°)	1143.9	16.5	B3/2500		G3/2500
BVH (80°-90°)	32.2	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	706.6	706.6	706.6	706.6	706.6	706.6	706.6	706.6	706.6	706.6	706.6
2.5°	702.1	702.1	704.1	706.6	707.6	709.6	710.1	710.1	713.0	712.5	713.0
5°	700.1	700.1	703.6	708.1	713.0	719.0	725.0	728.5	736.0	737.5	738.0
7.5°	702.1	702.6	707.6	715.0	723.5	734.5	746.0	755.5	768.0	772.5	775.5
10°	709.6	710.1	716.5	727.0	740.0	756.0	772.5	787.4	807.4	816.4	817.9
12.5°	721.0	721.5	731.0	748.0	766.5	786.4	804.9	823.9	848.9	862.3	865.3
15°	738.5	737.0	752.0	777.0	802.9	827.9	844.4	862.8	889.3	906.8	911.3
17.5°	762.5	763.5	782.0	813.9	845.9	871.3	887.8	898.3	921.3	939.2	943.7
20°	792.4	796.9	820.4	857.4	894.8	921.8	933.3	931.8	944.7	960.2	963.7
22.5°	834.9	837.9	866.3	907.8	950.7	978.7	983.2	966.7	966.2	976.2	980.7
25°	884.8	887.3	917.3	965.2	1010.7	1040.1	1035.6	1007.2	992.2	992.7	995.7
27.5°	943.2	948.2	979.2	1028.1	1075.1	1102.0	1095.5	1054.1	1024.6	1015.6	1013.6
30°	1019.1	1024.6	1056.1	1103.0	1144.5	1168.4	1158.5	1106.0	1062.1	1047.1	1044.1
32.5°	1118.0	1117.5	1150.0	1195.4	1224.4	1239.8	1220.4	1160.9	1105.5	1085.5	1081.6
35°	1219.9	1224.9	1256.8	1300.8	1322.7	1323.7	1292.8	1225.9	1160.0	1125.5	1118.0
37.5°	1334.7	1337.2	1374.2	1415.6	1430.1	1422.1	1376.2	1301.8	1225.9	1189.4	1176.4
40°	1452.6	1455.1	1498.0	1537.9	1553.9	1534.9	1474.5	1385.6	1303.8	1263.8	1256.3
42.5°	1561.9	1568.4	1616.3	1663.3	1678.8	1656.8	1583.9	1477.5	1386.1	1347.7	1337.7
45°	1652.8	1659.8	1713.7	1773.6	1801.1	1783.1	1700.7	1580.9	1481.0	1439.6	1422.6
47.5°	1721.2	1730.2	1787.6	1859.5	1912.9	1909.4	1825.1	1690.2	1582.9	1534.0	1518.5
50°	1768.1	1777.6	1839.5	1916.9	1997.3	2024.3	1951.4	1811.1	1696.2	1641.3	1630.8
52.5°	1771.6	1780.1	1851.0	1947.4	2054.8	2114.2	2075.7	1938.4	1821.1	1764.1	1756.7
55°	1693.7	1699.7	1794.1	1922.4	2078.2	2183.1	2189.1	2077.2	1954.4	1897.0	1893.5
57.5°	1515.0	1523.5	1636.3	1806.1	2039.3	2227.5	2287.4	2222.5	2105.2	2051.3	2048.3
60°	1223.9	1234.9	1363.7	1589.4	1898.5	2216.0	2370.8	2358.8	2270.0	2217.5	2215.5
62.5°	863.3	867.3	1001.7	1250.3	1622.8	2094.2	2411.3	2491.7	2440.7	2387.8	2390.8
65°	507.3	512.8	611.2	834.9	1230.9	1814.1	2341.4	2584.0	2577.6	2529.1	2534.1
67.5°	268.1	268.1	317.6	456.4	774.0	1358.2	2063.2	2533.1	2618.0	2575.6	2578.1
70°	185.3	184.8	193.7	229.2	374.0	841.9	1543.4	2266.5	2535.6	2519.6	2526.1
72.5°	156.8	155.8	156.3	161.3	190.2	380.5	937.2	1745.7	2260.5	2284.9	2290.4
75°	137.3	135.8	134.8	133.8	136.3	172.8	427.4	1077.1	1675.8	1829.6	1826.6
77.5°	118.3	117.3	116.3	112.8	108.9	113.3	174.8	484.4	861.8	1017.1	1006.2
80°	97.4	97.4	98.9	93.9	86.4	83.4	104.4	180.8	286.1	298.6	274.6
82.5°	76.4	76.4	83.9	76.9	67.9	60.4	72.4	96.4	116.3	94.4	76.9
85°	53.9	54.4	69.9	63.9	52.4	35.0	44.9	57.4	65.4	41.4	32.5
87.5°	22.0	23.5	43.4	34.5	33.0	17.5	21.0	25.5	32.5	17.5	14.0
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)