

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: P672816

Luminaire Tested: **CCP-SA-2C-730-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672816
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-730-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ RW distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

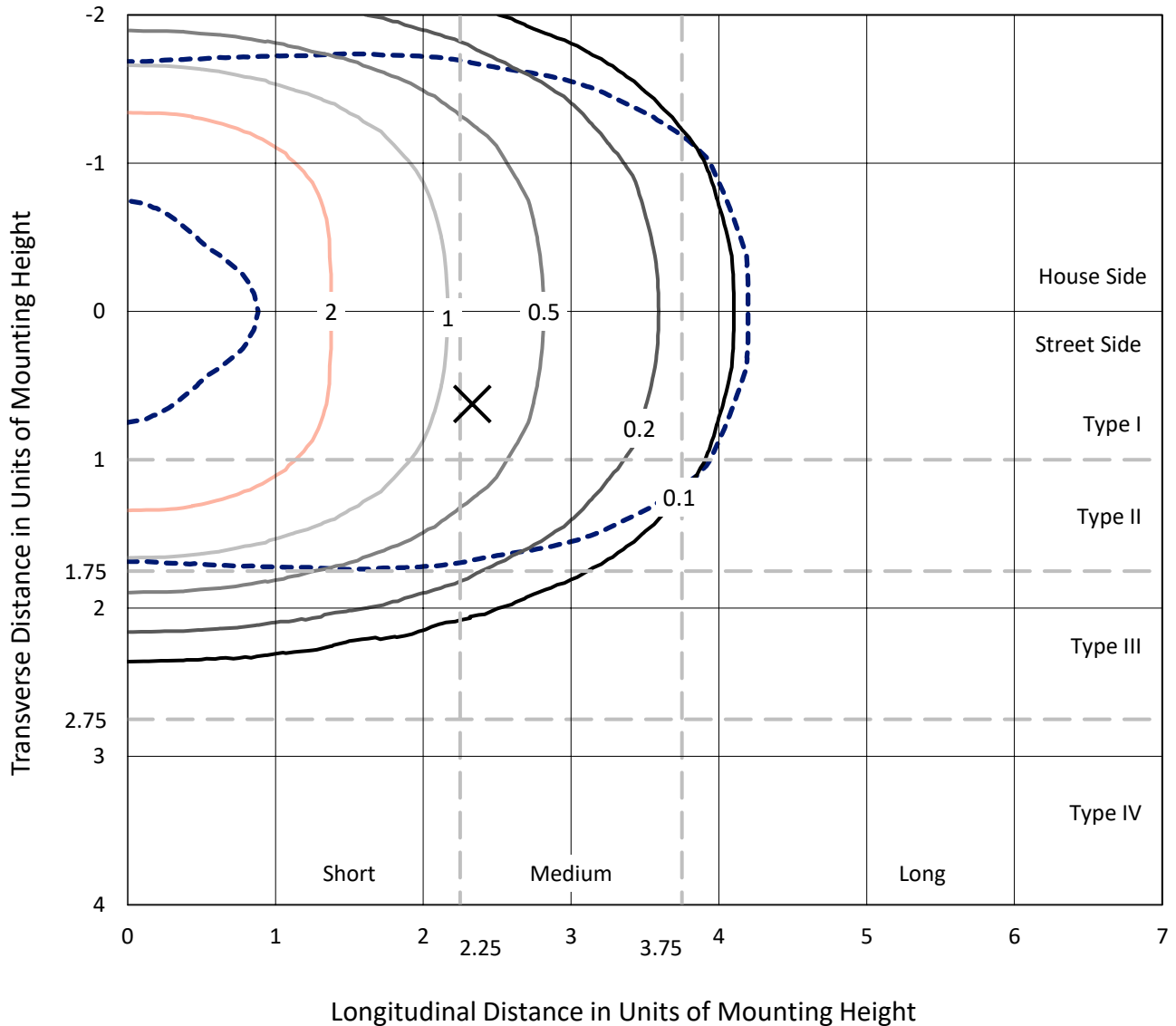
Lumens per Lamp: N/A
Luminaire Lumens: 8375.1 lumens
Efficiency: N/A
Efficacy: 134.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

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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Iso-Footcandle Lines of Horizontal Illumination

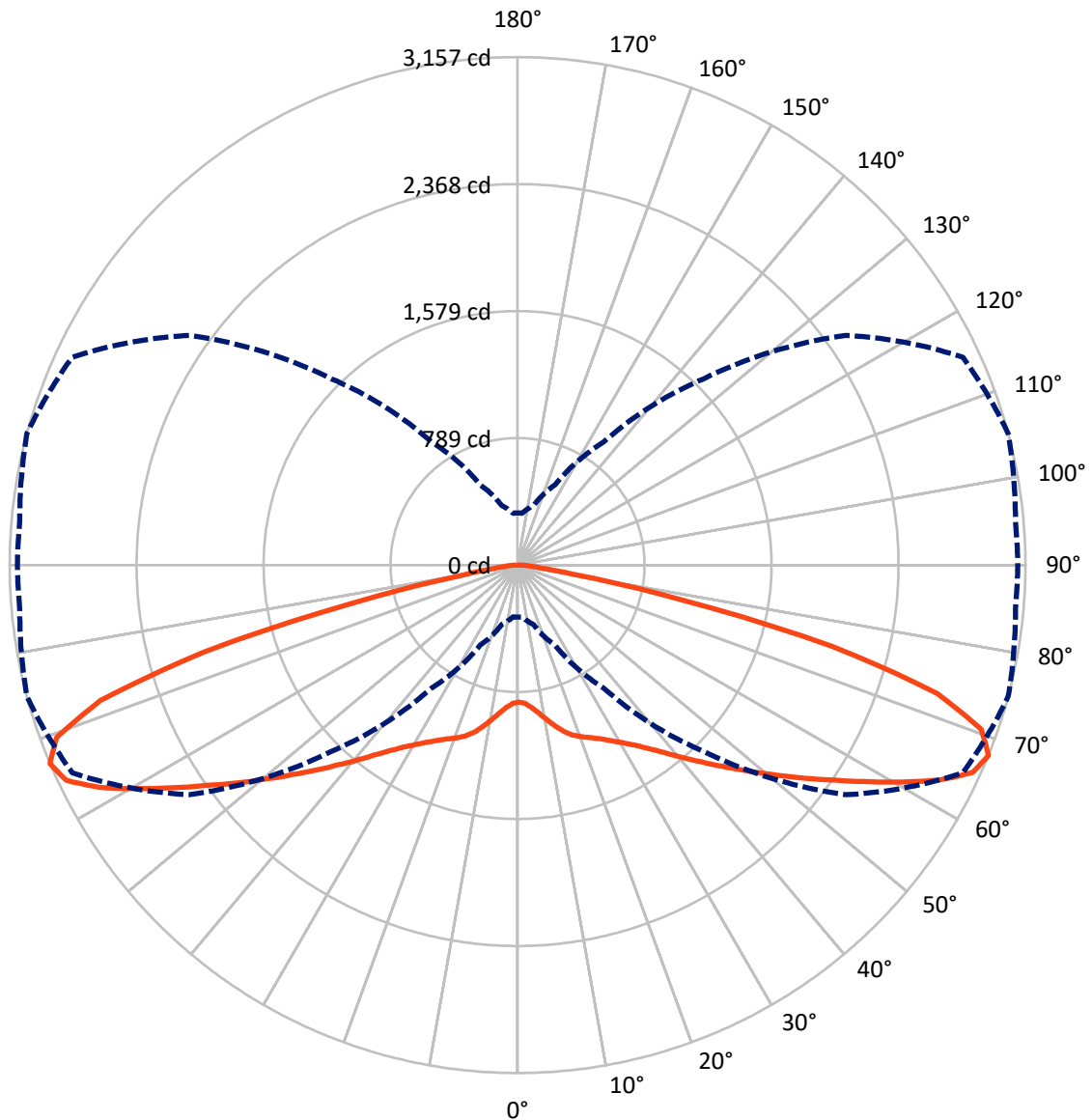
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.4 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	4187.6	0.0	4187.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4187.6	0.0	4187.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	8375.1	0.0	8375.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.3	1.0
10°-20°	284.1	3.4
20°-30°	554.7	6.6
30°-40°	957.0	11.4
40°-50°	1550.2	18.5
50°-60°	2108.3	25.2
60°-70°	1945.0	23.2
70°-80°	813.8	9.7
80°-90°	77.7	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°	8375.1	100.0
0°-180°	8375.1	100.0



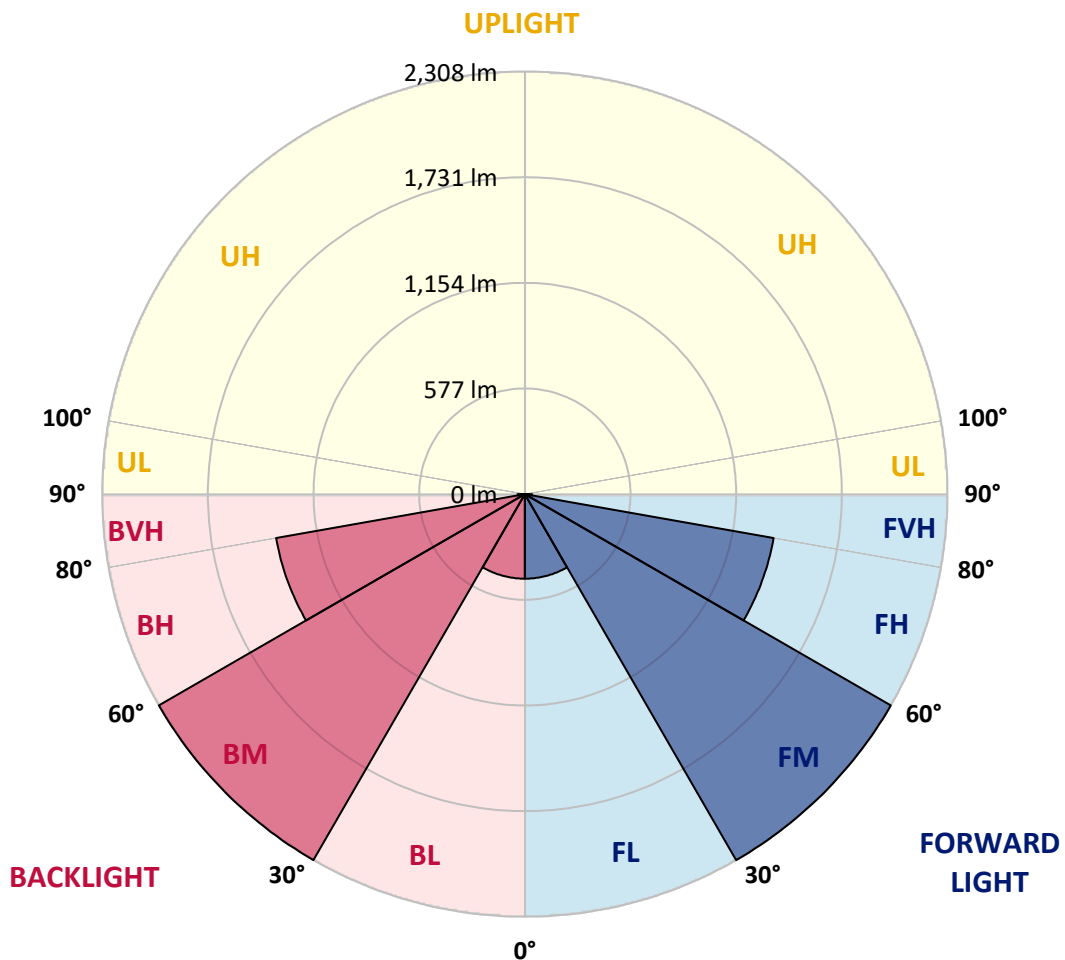
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	461.6	5.5			
FM (30°-60°)	2307.7	27.6			
FH (60°-80°)	1379.4	16.5			G1/1800
FVH (80°-90°)	38.8	0.5			G1/100
BL (0°-30°)	461.6	5.5	B1/500		
BM (30°-60°)	2307.7	27.6	B2/2500		
BH (60°-80°)	1379.4	16.5	B3/2500		G3/2500
BVH (80°-90°)	38.8	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°	852.0	852.0	852.0	852.0	852.0	852.0	852.0	852.0	852.0	852.0	852.0
2.5°	846.6	846.6	849.0	852.0	853.2	855.7	856.3	856.3	859.9	859.3	859.9
5°	844.2	844.2	848.4	853.8	859.9	867.1	874.3	878.5	887.6	889.4	890.0
7.5°	846.6	847.2	853.2	862.3	872.5	885.8	899.6	911.1	926.1	931.5	935.1
10°	855.7	856.3	864.1	876.7	892.4	911.7	931.5	949.6	973.7	984.5	986.3
12.5°	869.5	870.1	881.5	902.0	924.3	948.4	970.7	993.5	1023.7	1039.9	1043.5
15°	890.6	888.8	906.8	936.9	968.3	998.4	1018.2	1040.5	1072.4	1093.5	1098.9
17.5°	919.5	920.7	943.0	981.5	1020.0	1050.8	1070.6	1083.3	1111.0	1132.6	1138.1
20°	955.6	961.0	989.3	1033.9	1079.1	1111.6	1125.4	1123.6	1139.3	1157.9	1162.2
22.5°	1006.8	1010.4	1044.7	1094.7	1146.5	1180.2	1185.6	1165.8	1165.2	1177.2	1182.6
25°	1067.0	1070.0	1106.2	1164.0	1218.8	1254.3	1248.9	1214.5	1196.5	1197.1	1200.7
27.5°	1137.5	1143.5	1180.8	1239.8	1296.4	1328.9	1321.1	1271.1	1235.6	1224.8	1222.4
30°	1229.0	1235.6	1273.5	1330.2	1380.1	1409.0	1397.0	1333.8	1280.8	1262.7	1259.1
32.5°	1348.2	1347.6	1386.8	1441.5	1476.5	1495.1	1471.7	1400.0	1333.2	1309.1	1304.3
35°	1471.1	1477.1	1515.6	1568.6	1595.1	1596.3	1559.0	1478.3	1398.8	1357.2	1348.2
37.5°	1609.5	1612.6	1657.1	1707.1	1724.6	1714.9	1659.5	1569.8	1478.3	1434.3	1418.7
40°	1751.7	1754.7	1806.5	1854.6	1873.9	1851.0	1778.2	1671.0	1572.2	1524.0	1515.0
42.5°	1883.5	1891.4	1949.2	2005.8	2024.4	1997.9	1910.0	1781.8	1671.6	1625.2	1613.2
45°	1993.1	2001.5	2066.6	2138.8	2172.0	2150.3	2050.9	1906.4	1786.0	1736.0	1715.5
47.5°	2075.6	2086.5	2155.7	2242.4	2306.8	2302.6	2200.9	2038.3	1908.8	1849.8	1831.1
50°	2132.2	2143.7	2218.3	2311.7	2408.6	2441.1	2353.2	2184.0	2045.5	1979.3	1966.6
52.5°	2136.4	2146.7	2232.2	2348.4	2477.8	2549.5	2503.1	2337.5	2196.0	2127.4	2118.4
55°	2042.5	2049.7	2163.5	2318.3	2506.2	2632.6	2639.8	2504.9	2356.8	2287.6	2283.4
57.5°	1826.9	1837.2	1973.2	2178.0	2459.2	2686.2	2758.5	2680.2	2538.7	2473.6	2470.0
60°	1475.9	1489.1	1644.5	1916.6	2289.4	2672.3	2859.0	2844.6	2737.4	2674.2	2671.7
62.5°	1041.1	1045.9	1207.9	1507.8	1957.0	2525.4	2907.8	3004.7	2943.3	2879.5	2883.1
65°	611.8	618.4	737.0	1006.8	1484.3	2187.6	2823.5	3116.1	3108.3	3049.9	3055.9
67.5°	323.4	323.4	383.0	550.4	933.3	1637.8	2488.1	3054.7	3157.1	3105.9	3108.9
70°	223.4	222.8	233.6	276.4	451.0	1015.2	1861.2	2733.2	3057.7	3038.5	3046.3
72.5°	189.1	187.9	188.5	194.5	229.4	458.8	1130.2	2105.1	2725.9	2755.4	2762.1
75°	165.6	163.8	162.6	161.4	164.4	208.3	515.4	1298.8	2020.8	2206.3	2202.7
77.5°	142.7	141.5	140.3	136.1	131.3	136.7	210.8	584.1	1039.3	1226.6	1213.3
80°	117.4	117.4	119.2	113.2	104.2	100.6	125.8	218.0	345.0	360.1	331.2
82.5°	92.1	92.1	101.2	92.7	81.9	72.9	87.3	116.2	140.3	113.8	92.7
85°	65.0	65.6	84.3	77.1	63.2	42.2	54.2	69.2	78.9	50.0	39.1
87.5°	26.5	28.3	52.4	41.5	39.7	21.1	25.3	30.7	39.1	21.1	16.9
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)