

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: P672661

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672661
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-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5NQ
distribution lens
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7868.6 lumens
Efficiency: N/A
Efficacy: 126.7 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

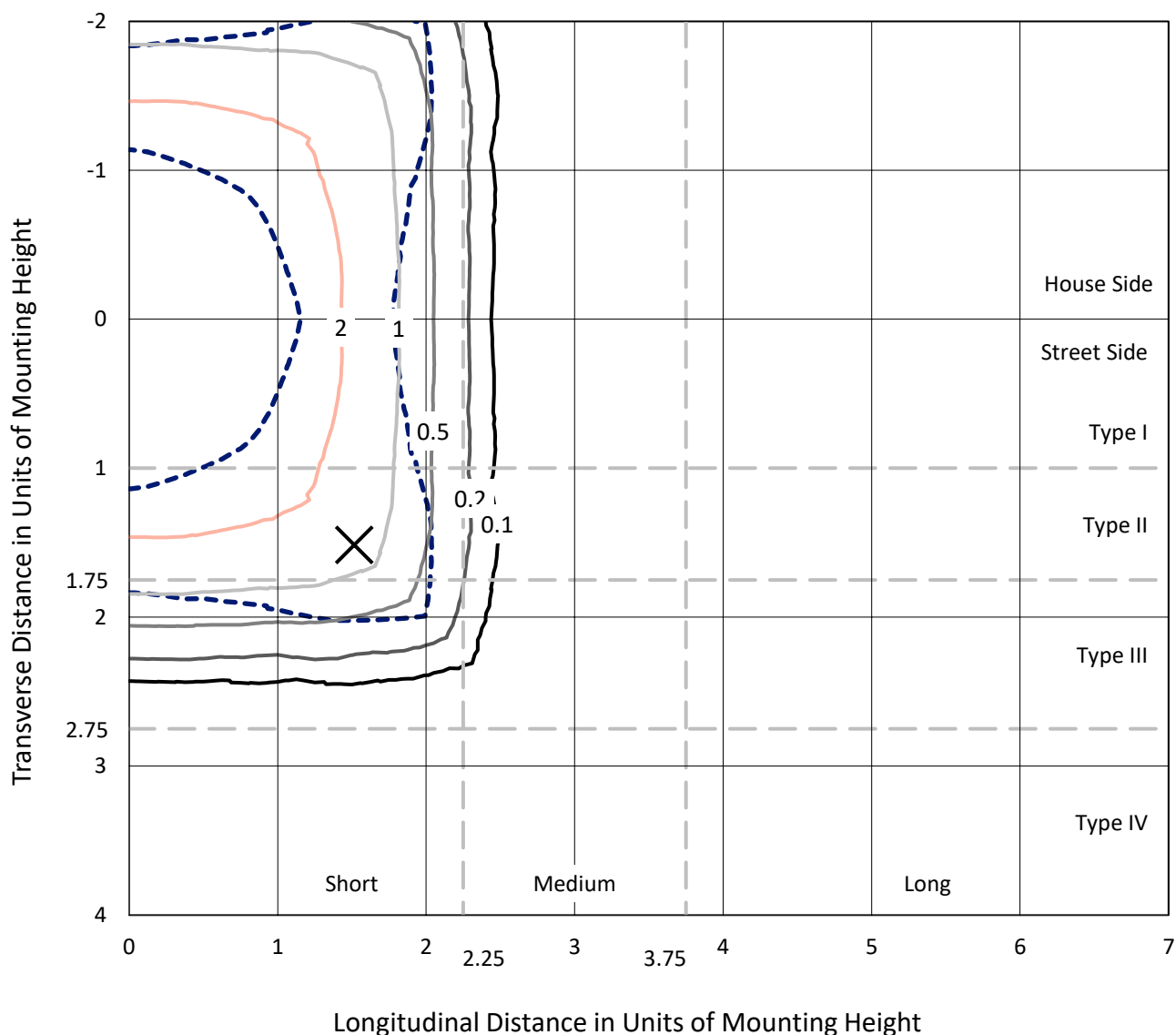
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

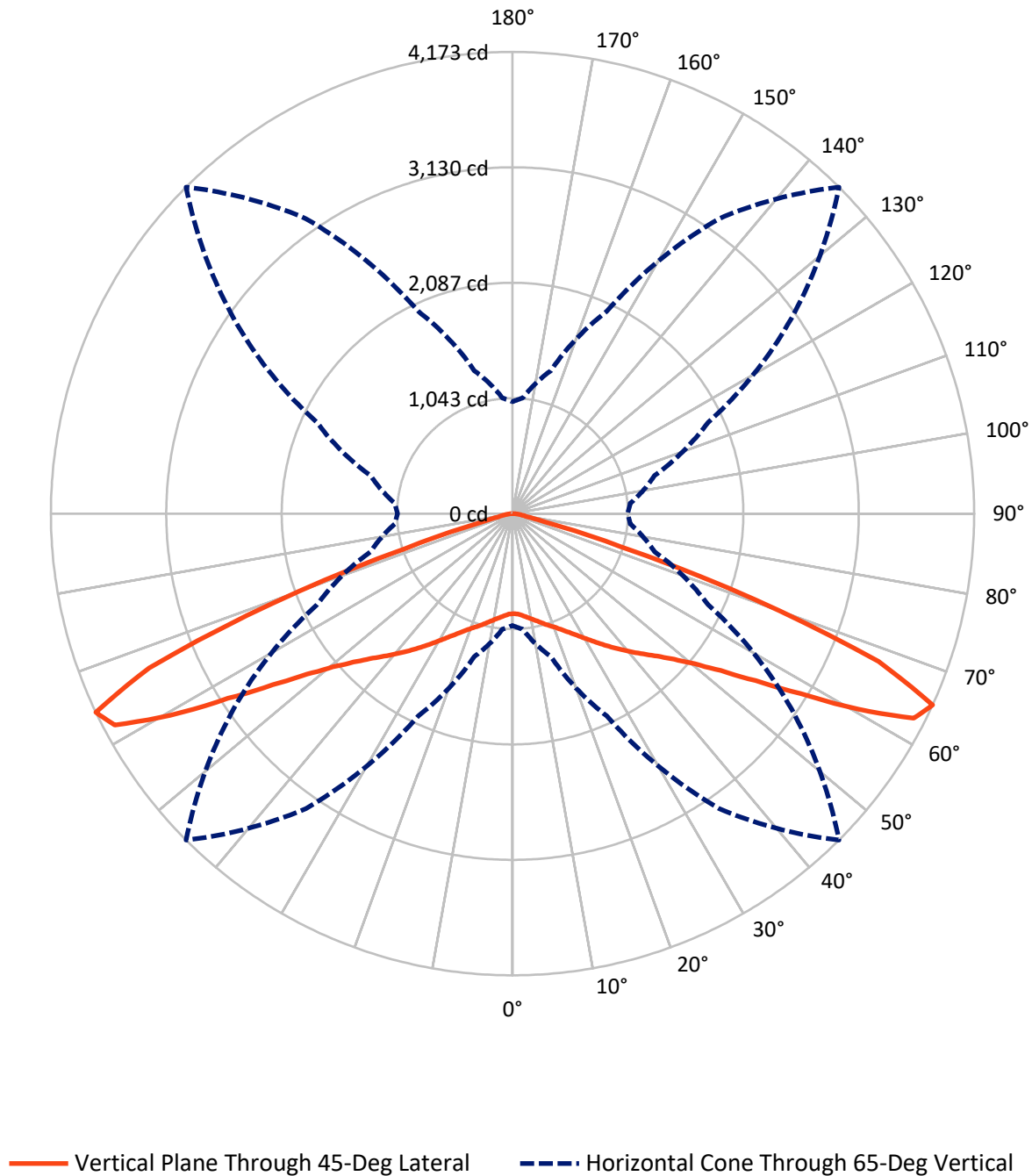


Based on 15 foot mounting height. Maximum calculated value = 4.1 fc

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	3934.3	0.0	3934.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3934.3	0.0	3934.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	7868.6	0.0	7868.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.6	1.1
10°-20°	292.5	3.7
20°-30°	554.8	7.1
30°-40°	930.4	11.8
40°-50°	1472.3	18.7
50°-60°	2313.1	29.4
60°-70°	1954.4	24.8
70°-80°	227.6	2.9
80°-90°	33.9	0.4
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°	7868.6	100.0
0°-180°	7868.6	100.0

Coefficient of Utilization



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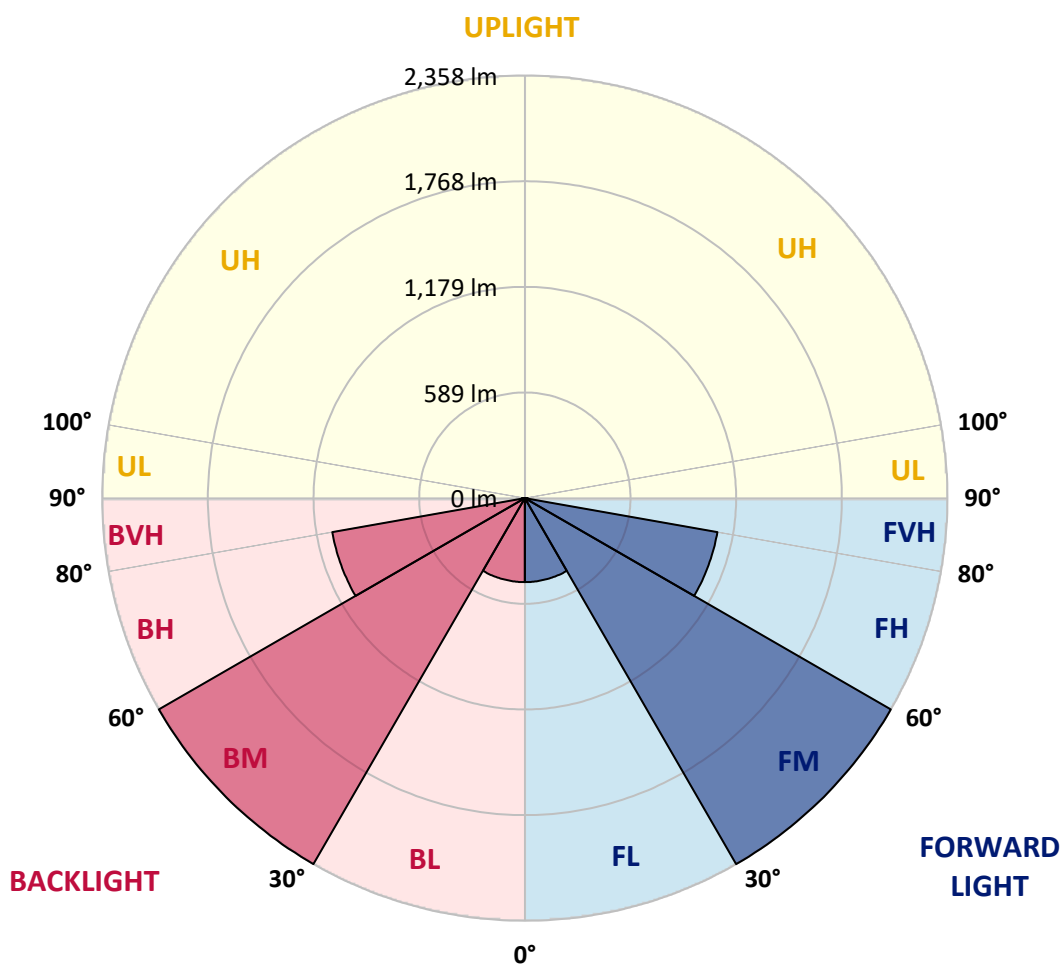
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	468.5	6.0			
FM	(30°-60°)	2357.9	30.0			
FH	(60°-80°)	1091.0	13.9			G1/1800
FVH	(80°-90°)	16.9	0.2			G1/100
BL	(0°-30°)	468.5	6.0	B1/500		
BM	(30°-60°)	2357.9	30.0	B2/2500		
BH	(60°-80°)	1091.0	13.9	B3/2500		G1/1800
BVH	(80°-90°)	16.9	0.2			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°	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7
2.5°	909.7	907.0	909.7	909.7	908.1	908.6	906.4	905.9	908.6	906.4	905.9
5°	928.5	926.3	928.5	926.9	924.1	924.7	921.3	920.2	923.6	920.2	920.8
7.5°	950.1	946.2	947.3	949.0	946.2	946.2	943.5	941.8	943.5	940.1	942.4
10°	968.3	965.0	966.7	968.9	968.3	970.0	967.2	966.1	964.5	960.6	963.9
12.5°	992.1	991.0	993.2	996.0	994.9	997.1	991.0	989.4	988.8	984.4	988.3
15°	1023.1	1020.3	1024.2	1027.5	1025.9	1029.7	1024.8	1022.5	1019.8	1014.2	1017.6
17.5°	1054.1	1051.9	1057.4	1059.0	1059.6	1062.9	1059.0	1055.7	1054.6	1050.7	1048.5
20°	1091.1	1088.4	1092.8	1096.1	1093.3	1097.2	1095.5	1093.3	1092.2	1086.1	1085.6
22.5°	1132.6	1128.7	1135.4	1139.2	1135.4	1139.2	1135.9	1135.4	1135.9	1127.1	1128.2
25°	1179.0	1179.6	1186.2	1189.0	1186.8	1189.0	1184.0	1187.3	1185.7	1176.3	1173.0
27.5°	1238.8	1236.6	1243.8	1252.0	1246.5	1246.5	1244.3	1247.6	1247.1	1238.2	1236.0
30°	1308.5	1307.9	1318.4	1323.4	1315.6	1312.3	1311.8	1320.1	1320.6	1311.2	1307.3
32.5°	1381.5	1381.5	1394.2	1400.3	1389.2	1387.0	1384.8	1395.8	1394.2	1381.5	1373.2
35°	1461.6	1458.3	1475.5	1484.3	1473.3	1466.6	1465.5	1475.5	1473.3	1455.6	1445.6
37.5°	1540.7	1542.9	1562.8	1572.8	1559.5	1551.2	1554.0	1560.6	1561.2	1541.8	1531.3
40°	1637.5	1638.1	1662.9	1670.7	1653.5	1640.8	1644.7	1659.6	1658.5	1634.7	1621.5
42.5°	1745.9	1743.7	1774.7	1781.3	1758.1	1733.7	1745.3	1768.6	1774.1	1747.6	1733.7
45°	1862.0	1865.4	1897.4	1904.6	1868.1	1837.1	1862.0	1896.9	1904.1	1875.3	1858.2
47.5°	2003.1	2006.9	2045.6	2048.4	2006.9	1966.6	1999.7	2045.1	2047.8	2008.0	1988.1
50°	2164.0	2177.3	2220.4	2225.9	2185.0	2133.0	2180.6	2220.9	2210.4	2157.3	2139.1
52.5°	2346.5	2357.0	2424.5	2447.7	2411.7	2355.9	2394.0	2418.9	2385.2	2315.5	2287.3
55°	2501.9	2519.6	2609.2	2680.0	2707.1	2665.0	2660.6	2624.1	2530.1	2423.9	2394.6
57.5°	2545.6	2562.7	2701.5	2884.0	3045.0	3066.0	2968.6	2785.6	2583.2	2419.5	2389.6
60°	2368.1	2391.3	2594.2	2939.9	3401.7	3591.9	3240.2	2799.4	2445.5	2225.9	2188.3
62.5°	1859.8	1903.0	2165.1	2707.1	3545.4	4070.8	3351.9	2561.1	2030.2	1770.8	1721.0
65°	1011.5	1048.5	1337.8	2017.4	3254.0	4173.1	3078.1	1950.0	1327.8	1067.3	1040.2
67.5°	379.4	406.5	539.2	997.1	2300.6	3567.6	2336.5	1116.6	602.8	432.5	394.3
70°	161.5	164.8	195.2	347.3	1045.8	2321.0	1196.2	379.4	201.3	162.6	158.2
72.5°	116.1	116.7	125.0	153.7	318.5	1018.1	361.7	159.3	122.8	110.6	110.6
75°	92.9	93.5	98.4	111.2	150.4	299.7	156.0	111.7	95.1	86.8	85.7
77.5°	73.0	74.1	79.1	86.8	100.7	137.2	105.6	87.9	76.3	68.6	67.5
80°	54.2	55.9	62.5	66.4	70.8	91.2	76.9	68.6	60.8	52.5	50.9
82.5°	35.9	37.6	46.5	49.2	48.7	57.5	53.1	52.5	46.5	34.8	33.2
85°	21.6	22.7	29.9	32.1	29.9	28.2	33.7	36.5	32.6	22.7	21.0
87.5°	9.4	9.4	13.3	13.8	13.3	10.5	16.0	18.8	19.4	11.6	10.5
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)