

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: CORELITE

Report Number: P#

Luminaire Tested: **44ID-100-L850-CFR2**

Issue Date: 9/24/2021

This test was performed under the Supervised Manufacturer's Testing Program. The results of this test have not been influenced by sources from within Cooper Lighting Solutions or from external interests.



**Test Information**

Test Method: LM-79-08  
Report Number: P#  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ( 13890049.01)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/24/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 44ID-100-L850-CFR2  
Description: 10000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS  
AND 5000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No. Condition Description

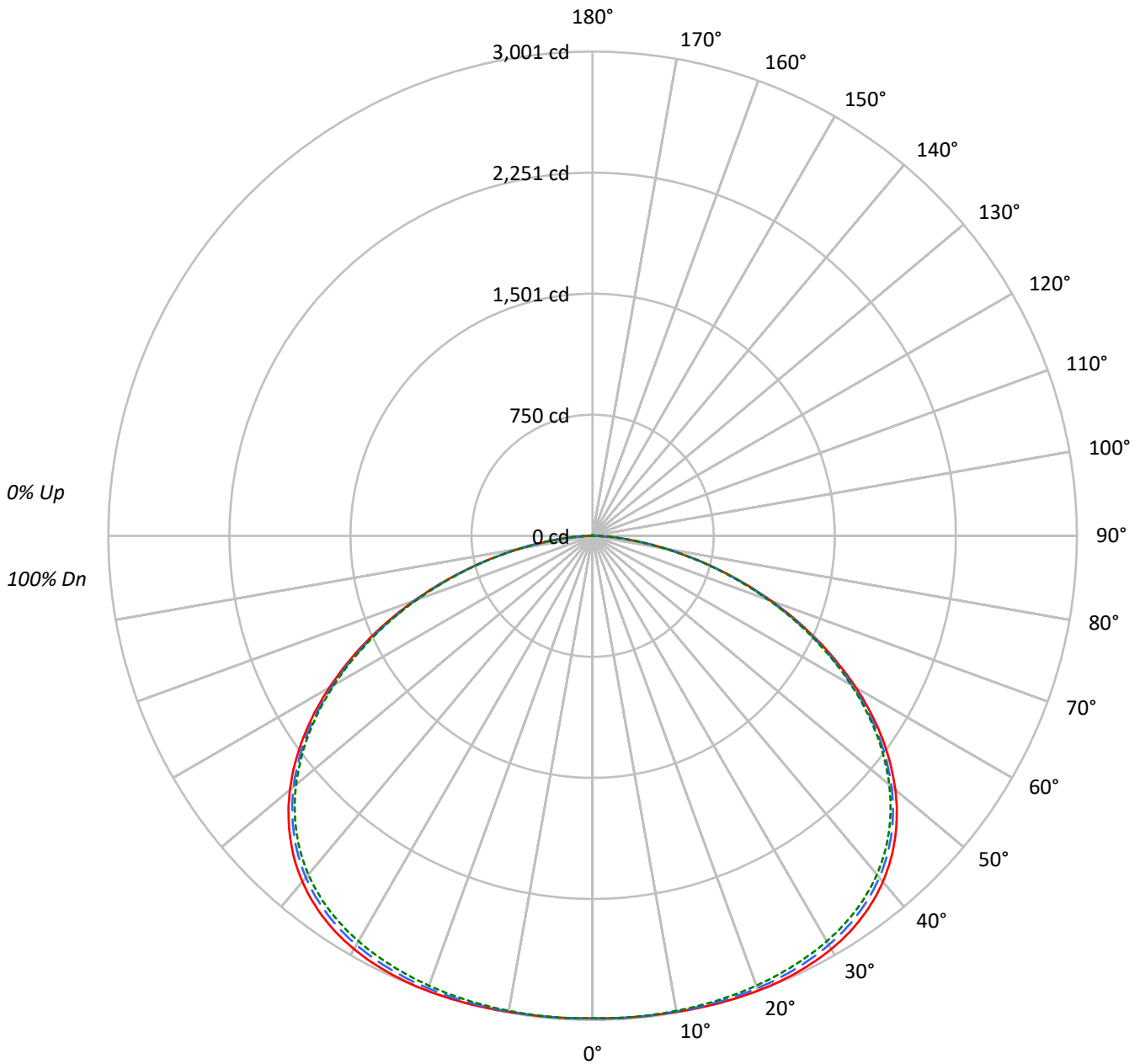
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10831.0 lumens  
Efficiency: N/A  
Efficacy: 136.4 lumens/watt  
Spacing Criteria (0/90/45): 1.48 / 1.45 / 1.57  
Luminous Opening: Rectangular (W 3.88' x L: 3.88' x H: 0')  
CIE Type: Direct

Input Watts (W): 79.4  
Input Voltage (V):  
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

TEST NUMBER: P#  
CATALOG NUMBER: 44ID-100-L850-CFR2

### Luminous Intensity Polar Plot





TEST NUMBER: P#

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20									20									20									20									
RC	80									50									30									10									0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0																
RCR																																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100																			
1	108	103	99	95	105	101	97	93	97	93	90	93	90	87	89	87	85	82																			
2	98	89	82	76	95	87	81	75	84	78	73	80	76	71	77	73	70	68																			
3	89	78	69	62	86	76	68	62	73	66	60	70	64	59	67	63	58	56																			
4	81	68	59	52	78	67	58	52	64	57	51	62	55	50	60	54	49	47																			
5	74	61	51	44	72	59	51	44	57	49	43	55	48	43	53	47	42	40																			
6	68	54	45	38	66	53	44	38	51	43	38	50	43	37	48	42	37	35																			
7	63	49	40	33	61	48	39	33	46	39	33	45	38	33	43	37	32	30																			
8	58	44	36	29	57	44	35	29	42	35	29	41	34	29	40	33	29	27																			
9	54	41	32	26	53	40	32	26	39	31	26	38	31	26	37	30	26	24																			
10	51	37	29	24	50	37	29	24	36	28	23	35	28	23	34	28	23	21																			

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	2135	2135	2135
5°	2146	2146	2145
10°	2173	2170	2167
15°	2218	2212	2204
20°	2279	2267	2254
25°	2354	2335	2317
30°	2438	2413	2392
35°	2525	2496	2474
40°	2607	2576	2554
45°	2676	2643	2621
50°	2719	2686	2664
55°	2728	2694	2674
60°	2692	2658	2643
65°	2604	2575	2562
70°	2455	2429	2417
75°	2224	2210	2199
80°	1892	1898	1878
85°	1409	1443	1442



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	285.8	2.6
10°-20°	847.8	7.8
20°-30°	1370.5	12.7
30°-40°	1795.1	16.6
40°-50°	2019.1	18.6
50°-60°	1932.1	17.8
60°-70°	1506.9	13.9
70°-80°	849.2	7.8
80°-90°	210.1	1.9
90°-100°	0.7	0.0
100°-110°	1.2	0.0
110°-120°	2.2	0.0
120°-130°	3.4	0.0
130°-140°	2.7	0.0
140°-150°	1.7	0.0
150°-160°	1.2	0.0
160°-170°	0.8	0.0
170°-180°	0.3	0.0
0°-30°	2504.1	23.1
0°-40°	4299.2	39.7
0°-60°	8250.4	76.2
0°-90°	10816.7	99.9
90°-120°	4.2	0.0
90°-150°	12.0	0.1
90°-180°	14.0	0.1
0°-180°	10831.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2991	2991	2991	2991	2991	
5°	2994	2995	2994	2994	2993	286
15°	3001	3000	2993	2986	2982	850
25°	2988	2983	2965	2948	2942	1381
35°	2898	2888	2864	2847	2839	1814
45°	2650	2639	2618	2605	2596	2042
55°	2192	2180	2165	2155	2149	1953
65°	1542	1536	1524	1520	1517	1522
75°	806	806	801	800	797	854
85°	172	174	176	178	176	199
90°	2	2	2	2	2	8
95°	1	0	1	1	1	1
105°	1	1	1	1	1	1
115°	2	2	2	2	2	2
125°	4	4	4	4	4	4
135°	4	4	3	3	4	3
145°	3	3	3	2	3	2
155°	3	3	3	3	3	1
165°	3	3	3	3	3	1
175°	3	3	3	4	3	0
180°	3	3	3	3	3	



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2991.2	2991.2	2991.2	2991.2	2991.2
0.5°	2990.5	2992.7	2993.4	2992.7	2991.2
1°	2991.2	2992.7	2993.4	2993.4	2991.9
1.5°	2991.9	2993.4	2993.4	2993.4	2992.7
2°	2991.9	2993.4	2993.4	2994.1	2992.7
2.5°	2992.7	2994.1	2994.1	2994.1	2992.7
3°	2993.4	2994.1	2994.1	2994.1	2993.4
3.5°	2993.4	2994.1	2994.1	2994.1	2993.4
4°	2994.1	2994.1	2994.1	2994.1	2993.4
4.5°	2994.1	2994.9	2994.1	2994.1	2993.4
5°	2994.1	2994.9	2994.1	2994.1	2993.4
5.5°	2994.1	2994.9	2994.1	2994.1	2993.4
6°	2994.9	2994.9	2994.1	2994.1	2992.7
6.5°	2994.9	2995.6	2994.9	2994.1	2992.7
7°	2994.9	2995.6	2994.1	2994.1	2992.7
7.5°	2994.9	2995.6	2994.1	2993.4	2991.9
8°	2995.6	2995.6	2994.9	2993.4	2991.9
8.5°	2995.6	2996.3	2994.1	2993.4	2991.2
9°	2996.3	2996.3	2994.9	2992.7	2991.2
9.5°	2996.3	2997.0	2994.1	2992.7	2990.5
10°	2997.0	2997.0	2994.1	2991.9	2989.7
10.5°	2997.8	2997.8	2994.1	2991.9	2989.7
11°	2997.8	2997.8	2994.1	2991.2	2989.0
11.5°	2998.5	2998.5	2994.1	2990.5	2988.3
12°	2998.5	2998.5	2994.1	2990.5	2987.6
12.5°	2999.2	2998.5	2993.4	2989.7	2986.8
13°	2999.2	2998.5	2993.4	2989.0	2986.1
13.5°	3000.0	2999.2	2993.4	2988.3	2985.4
14°	3000.0	2999.2	2993.4	2987.6	2983.9
14.5°	3000.7	2999.2	2992.7	2986.8	2983.2
15°	3000.7	3000.0	2992.7	2986.1	2982.5
15.5°	3001.4	3000.0	2991.9	2984.6	2981.0
16°	3000.7	3000.0	2991.2	2983.9	2979.5
16.5°	3001.4	3000.0	2991.2	2982.5	2978.1
17°	3001.4	2999.2	2990.5	2981.0	2977.3
17.5°	3001.4	2999.2	2989.0	2980.3	2975.9
18°	3001.4	2999.2	2988.3	2978.8	2973.7
18.5°	3001.4	2998.5	2987.6	2977.3	2972.2
19°	3000.7	2998.5	2986.8	2975.9	2970.8
19.5°	3000.7	2997.8	2985.4	2973.7	2968.6
20°	3000.0	2997.0	2983.9	2972.2	2967.1
20.5°	2999.2	2996.3	2983.2	2970.8	2964.9
21°	2999.2	2995.6	2981.7	2968.6	2962.8



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	2996.3	2991.9	2976.6	2962.0	2955.5
23°	2994.9	2990.5	2974.4	2959.8	2953.3
23.5°	2993.4	2989.0	2972.2	2956.9	2950.4
24°	2991.9	2987.6	2970.1	2954.0	2947.4
24.5°	2990.5	2985.4	2967.9	2951.1	2944.5
25°	2988.3	2983.2	2964.9	2948.2	2941.6
25.5°	2986.1	2981.0	2962.0	2945.2	2937.9
26°	2983.9	2978.8	2959.1	2942.3	2935.0
26.5°	2981.7	2975.9	2956.2	2938.7	2931.4
27°	2978.8	2973.0	2952.5	2935.0	2927.7
27.5°	2975.9	2970.1	2948.9	2931.4	2924.1
28°	2973.0	2966.4	2945.2	2927.7	2920.4
28.5°	2969.3	2962.8	2941.6	2923.4	2916.1
29°	2965.7	2959.1	2937.2	2919.0	2911.7
29.5°	2962.0	2954.7	2932.8	2914.6	2906.6
30°	2957.6	2950.4	2927.7	2909.5	2901.5
30.5°	2953.3	2946.0	2922.6	2904.4	2897.1
31°	2948.2	2940.9	2917.5	2899.3	2891.3
31.5°	2943.8	2935.8	2911.7	2894.2	2886.2
32°	2937.9	2929.9	2906.6	2888.3	2880.3
32.5°	2932.1	2924.1	2900.0	2881.8	2873.7
33°	2926.3	2917.5	2893.4	2875.9	2867.2
33.5°	2919.7	2911.0	2886.9	2869.4	2860.6
34°	2912.4	2903.7	2879.6	2862.1	2854.0
34.5°	2905.1	2896.4	2872.3	2854.8	2846.8
35°	2897.8	2888.3	2864.3	2846.8	2838.7
35.5°	2889.8	2880.3	2856.2	2838.7	2830.7
36°	2881.8	2871.6	2847.5	2830.7	2821.9
36.5°	2872.3	2862.8	2838.7	2821.9	2813.9
37°	2862.8	2853.3	2829.2	2812.5	2804.4
37.5°	2853.3	2843.1	2819.8	2803.0	2794.2
38°	2843.1	2833.6	2809.5	2793.5	2784.7
38.5°	2832.9	2822.7	2798.6	2782.6	2774.5
39°	2821.9	2811.0	2787.7	2772.3	2763.6
39.5°	2810.3	2799.3	2776.7	2760.7	2752.6
40°	2797.9	2787.7	2764.3	2749.0	2741.0
40.5°	2786.2	2775.3	2751.9	2737.3	2728.6
41°	2773.1	2762.1	2739.5	2724.2	2715.4
41.5°	2759.2	2748.3	2725.6	2711.1	2702.3
42°	2745.3	2734.4	2711.8	2697.9	2688.4
42.5°	2730.8	2719.8	2697.2	2683.3	2674.6
43°	2716.2	2704.5	2682.6	2668.7	2660.0
43.5°	2700.8	2689.2	2667.3	2653.4	2644.7



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2650.5	2638.8	2617.7	2605.3	2595.8
45.5°	2633.0	2620.6	2600.2	2587.8	2579.0
46°	2614.8	2602.4	2581.9	2569.5	2560.8
46.5°	2595.8	2583.4	2563.7	2551.3	2542.5
47°	2576.1	2564.4	2544.0	2533.0	2523.6
47.5°	2556.4	2544.0	2524.3	2513.3	2503.9
48°	2536.7	2523.6	2504.6	2492.9	2483.4
48.5°	2515.5	2503.1	2484.2	2473.2	2464.5
49°	2492.9	2481.2	2462.3	2450.6	2442.6
49.5°	2471.0	2459.4	2440.4	2429.4	2420.7
50°	2448.4	2436.0	2418.5	2407.6	2398.8
50.5°	2425.1	2412.7	2395.2	2384.2	2376.2
51°	2401.7	2389.3	2371.8	2360.9	2352.1
51.5°	2376.9	2364.5	2347.0	2336.8	2328.8
52°	2352.1	2339.7	2322.2	2312.7	2304.7
52.5°	2327.3	2314.9	2297.4	2287.2	2279.9
53°	2300.3	2288.6	2272.6	2263.1	2255.1
53.5°	2273.3	2261.6	2245.6	2236.1	2228.8
54°	2246.3	2234.7	2218.6	2209.1	2202.6
54.5°	2220.1	2207.7	2192.3	2182.9	2176.3
55°	2191.6	2179.9	2164.6	2155.1	2148.6
55.5°	2163.2	2151.5	2136.2	2126.7	2120.8
56°	2133.2	2122.3	2107.0	2099.0	2093.1
56.5°	2103.3	2093.1	2077.8	2069.8	2063.9
57°	2074.1	2063.2	2048.6	2041.3	2035.5
57.5°	2045.0	2033.3	2018.7	2011.4	2005.6
58°	2012.9	2001.9	1988.1	1980.8	1975.7
58.5°	1981.5	1971.3	1956.7	1950.1	1945.0
59°	1950.1	1939.9	1926.0	1919.5	1914.4
59.5°	1917.3	1907.8	1893.9	1887.4	1882.3
60°	1885.2	1875.0	1861.8	1856.0	1850.9
60.5°	1852.4	1843.6	1829.7	1823.9	1818.8
61°	1818.8	1810.0	1796.9	1791.1	1786.0
61.5°	1784.5	1777.2	1764.1	1758.2	1753.9
62°	1751.0	1743.7	1730.5	1725.4	1721.0
62.5°	1716.7	1709.4	1696.2	1691.1	1686.7
63°	1682.4	1675.1	1662.7	1657.6	1653.2
63.5°	1647.4	1640.1	1628.4	1623.3	1618.9
64°	1612.3	1605.0	1592.6	1589.0	1583.9
64.5°	1577.3	1570.0	1557.6	1554.0	1549.6
65°	1541.6	1535.7	1524.1	1519.7	1516.8
65.5°	1506.5	1499.3	1488.3	1484.7	1480.3
66°	1469.3	1463.5	1452.6	1448.9	1446.0





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1361.4	1354.8	1345.3	1341.7	1338.0
68°	1324.2	1318.3	1308.8	1305.9	1302.3
68.5°	1286.9	1281.1	1271.6	1269.4	1267.3
69°	1249.7	1243.9	1235.9	1233.7	1230.8
69.5°	1213.3	1207.4	1200.1	1197.9	1194.3
70°	1176.1	1170.9	1163.7	1161.5	1157.8
70.5°	1138.8	1133.7	1127.2	1125.0	1121.3
71°	1101.6	1097.3	1091.4	1088.5	1084.9
71.5°	1065.2	1060.8	1054.2	1052.0	1049.1
72°	1028.0	1024.3	1017.7	1016.3	1012.6
72.5°	990.7	987.8	981.3	979.8	976.9
73°	953.5	950.6	944.1	942.6	940.4
73.5°	917.1	914.1	908.3	906.1	903.9
74°	880.6	878.4	872.6	871.1	868.2
74.5°	843.4	841.9	836.8	834.6	832.4
75°	806.2	806.2	801.1	799.6	797.4
75.5°	770.4	770.4	765.3	763.9	761.7
76°	734.7	734.7	729.6	728.2	725.3
76.5°	698.6	698.8	694.5	693.0	690.6
77°	664.0	664.3	660.4	658.4	656.0
77.5°	627.0	628.7	625.5	623.8	621.4
78°	592.5	594.7	591.4	590.0	588.0
78.5°	559.9	561.3	559.2	557.5	554.7
79°	525.9	527.0	525.6	524.1	521.3
79.5°	492.3	494.1	493.2	491.9	488.7
80°	460.1	461.4	461.7	459.7	456.7
80.5°	426.3	429.0	429.4	427.5	425.9
81°	395.0	397.5	398.3	397.1	395.1
81.5°	364.2	367.2	367.8	367.2	364.6
82°	333.3	337.0	338.1	337.6	334.7
82.5°	303.9	307.9	309.1	308.7	306.0
83°	275.3	279.7	280.8	281.2	278.7
83.5°	247.6	251.8	253.2	253.7	251.0
84°	221.1	224.9	226.6	227.3	225.1
84.5°	195.8	198.9	201.0	201.9	200.8
85°	172.0	174.2	176.2	177.5	176.0
85.5°	149.0	150.7	152.2	154.2	153.0
86°	127.5	129.3	130.3	131.9	131.9
86.5°	107.1	107.9	108.7	110.6	110.6
87°	87.5	87.6	87.9	90.3	90.4
87.5°	67.6	68.1	68.4	70.5	71.3
88°	47.6	49.3	49.8	51.7	51.6
88.5°	33.7	33.7	33.6	35.6	36.0



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.6	1.5	1.6	1.7	1.5
90.5°	0.5	0.4	0.5	0.6	0.5
91°	0.5	0.4	0.4	0.5	0.4
91.5°	0.7	0.5	0.6	0.4	0.4
92°	0.5	0.5	0.5	0.6	0.5
92.5°	0.6	0.5	0.5	0.6	0.5
93°	0.6	0.6	0.6	0.5	0.4
93.5°	0.7	0.5	0.6	0.6	0.7
94°	0.7	0.6	0.7	0.6	0.7
94.5°	0.7	0.7	0.6	0.7	0.7
95°	0.7	0.5	0.7	0.6	0.7
95.5°	0.6	0.7	0.7	0.7	0.7
96°	0.8	0.8	0.7	0.7	0.7
96.5°	0.8	0.7	0.7	0.7	0.7
97°	0.8	0.7	0.8	0.7	0.9
97.5°	0.9	0.7	0.7	0.7	0.9
98°	0.9	0.8	0.8	0.8	0.9
98.5°	0.9	0.8	0.7	0.7	0.9
99°	0.9	0.9	0.8	0.7	0.8
99.5°	0.9	0.7	0.9	0.8	0.8
100°	0.9	0.9	0.9	0.9	0.9
100.5°	0.9	0.9	0.9	0.9	0.9
101°	1.0	0.9	0.9	0.9	0.9
101.5°	1.1	0.9	0.9	0.9	1.0
102°	1.2	0.9	1.0	0.9	1.0
102.5°	1.0	0.9	0.9	1.0	1.0
103°	1.0	0.9	1.0	0.9	1.0
103.5°	1.1	1.1	1.0	1.0	0.9
104°	1.2	1.1	1.1	1.0	0.9
104.5°	1.1	1.2	1.2	1.2	1.0
105°	1.3	1.2	1.1	1.2	1.2
105.5°	1.2	1.0	1.2	1.1	1.1
106°	1.2	1.2	1.2	1.2	1.3
106.5°	1.3	1.2	1.2	1.2	1.1
107°	1.2	1.2	1.3	1.3	1.2
107.5°	1.4	1.2	1.3	1.4	1.3
108°	1.4	1.2	1.2	1.4	1.2
108.5°	1.4	1.4	1.4	1.3	1.2
109°	1.5	1.4	1.4	1.4	1.5
109.5°	1.5	1.3	1.5	1.5	1.3
110°	1.5	1.5	1.5	1.5	1.5
110.5°	1.5	1.5	1.5	1.5	1.6
111°	1.5	1.6	1.6	1.6	1.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.8	1.8	1.9	1.8	1.7
113°	2.0	1.8	1.8	1.8	1.8
113.5°	2.0	2.0	2.0	2.0	2.0
114°	2.0	2.0	2.1	2.1	2.0
114.5°	2.2	2.2	2.1	2.1	2.0
115°	2.2	2.2	2.1	2.2	2.1
115.5°	2.4	2.2	2.3	2.3	2.1
116°	2.3	2.4	2.4	2.3	2.3
116.5°	2.5	2.5	2.5	2.5	2.4
117°	2.6	2.6	2.6	2.6	2.3
117.5°	2.8	2.6	2.7	2.6	2.5
118°	2.8	2.7	2.8	2.7	2.6
118.5°	3.0	2.8	2.8	2.8	2.7
119°	3.0	3.0	3.1	2.8	2.8
119.5°	3.1	3.1	3.1	3.0	2.9
120°	3.2	3.2	3.1	3.1	3.1
120.5°	3.3	3.1	3.3	3.2	3.1
121°	3.3	3.3	3.3	3.3	3.1
121.5°	3.6	3.5	3.4	3.3	3.3
122°	3.4	3.6	3.5	3.4	3.5
122.5°	3.7	3.6	3.6	3.6	3.4
123°	3.8	3.8	3.6	3.6	3.6
123.5°	3.8	3.9	3.7	3.6	3.7
124°	3.9	3.9	3.9	3.7	3.7
124.5°	4.1	3.9	3.9	3.8	3.8
125°	4.2	4.1	4.0	3.9	3.9
125.5°	4.2	4.2	4.0	3.9	4.0
126°	4.2	4.1	4.0	4.0	3.9
126.5°	4.1	4.2	4.2	4.0	4.1
127°	4.2	4.2	4.1	4.0	3.9
127.5°	4.4	4.3	4.2	4.0	3.9
128°	4.4	4.2	4.2	4.0	4.1
128.5°	4.2	4.2	4.1	3.9	4.1
129°	4.2	4.2	4.1	4.0	3.9
129.5°	4.1	4.2	4.1	4.0	4.0
130°	4.1	4.2	4.0	3.9	3.9
130.5°	4.2	4.1	4.1	3.7	3.9
131°	4.0	4.0	4.0	3.8	3.9
131.5°	4.1	3.9	3.8	3.7	3.8
132°	4.0	3.9	3.9	3.7	3.7
132.5°	4.0	3.9	3.8	3.7	3.8
133°	3.9	3.7	3.7	3.5	3.6
133.5°	3.9	3.7	3.6	3.4	3.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	3.8	3.6	3.4	3.4	3.6
135.5°	3.6	3.6	3.4	3.3	3.5
136°	3.5	3.4	3.3	3.1	3.5
136.5°	3.6	3.4	3.3	3.1	3.4
137°	3.5	3.4	3.3	3.1	3.4
137.5°	3.4	3.3	3.2	3.0	3.2
138°	3.4	3.2	3.1	3.0	3.2
138.5°	3.4	3.2	3.1	2.9	3.1
139°	3.0	3.1	3.1	2.8	3.2
139.5°	3.2	3.0	2.9	2.8	3.1
140°	3.1	2.9	3.0	2.8	2.9
140.5°	3.1	2.9	2.9	2.8	2.9
141°	3.0	2.9	2.8	2.6	2.8
141.5°	2.8	2.9	2.9	2.6	2.8
142°	2.7	2.7	2.8	2.7	2.6
142.5°	2.7	2.8	2.8	2.6	2.6
143°	2.8	2.8	2.8	2.7	2.6
143.5°	2.8	2.8	2.8	2.6	2.6
144°	2.8	2.6	2.8	2.5	2.6
144.5°	2.7	2.6	2.7	2.6	2.6
145°	2.8	2.6	2.7	2.4	2.6
145.5°	2.7	2.6	2.6	2.4	2.8
146°	2.7	2.6	2.5	2.4	2.6
146.5°	2.8	2.6	2.5	2.4	2.6
147°	2.7	2.6	2.4	2.5	2.5
147.5°	2.6	2.6	2.4	2.5	2.7
148°	2.7	2.6	2.5	2.4	2.7
148.5°	2.8	2.6	2.5	2.4	2.7
149°	2.7	2.6	2.5	2.4	2.7
149.5°	2.8	2.5	2.5	2.4	2.8
150°	2.8	2.6	2.5	2.4	2.7
150.5°	2.7	2.6	2.5	2.5	2.7
151°	2.8	2.6	2.4	2.5	2.8
151.5°	2.8	2.6	2.4	2.5	2.8
152°	2.8	2.6	2.6	2.6	2.7
152.5°	2.8	2.7	2.5	2.6	2.8
153°	2.8	2.6	2.6	2.7	2.9
153.5°	3.0	2.7	2.5	2.6	2.8
154°	2.8	2.7	2.6	2.6	2.8
154.5°	2.8	2.6	2.6	2.8	2.9
155°	2.7	2.7	2.7	2.8	3.0
155.5°	2.8	2.6	2.6	2.7	2.9
156°	2.7	2.7	2.7	2.7	2.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	2.7	2.6	2.6	2.8	2.8
158°	2.9	2.7	2.6	2.7	2.9
158.5°	2.8	2.7	2.6	2.7	2.8
159°	2.8	2.7	2.6	2.7	3.0
159.5°	2.8	2.6	2.6	2.7	3.1
160°	2.8	2.7	2.6	2.7	2.9
160.5°	2.7	2.6	2.6	2.8	2.9
161°	2.7	2.6	2.6	2.8	2.9
161.5°	2.8	2.7	2.6	2.6	2.8
162°	2.7	2.6	2.7	2.8	2.8
162.5°	2.8	2.8	2.7	2.7	2.8
163°	2.8	2.7	2.8	2.8	2.8
163.5°	2.8	2.7	2.8	2.8	3.0
164°	2.7	2.8	2.7	2.9	2.9
164.5°	2.6	2.8	2.8	2.9	3.0
165°	2.7	2.7	2.6	2.8	2.9
165.5°	2.6	2.7	2.6	3.1	2.9
166°	2.8	2.8	2.7	2.9	2.8
166.5°	2.8	2.7	2.6	3.0	2.7
167°	2.7	2.9	2.7	3.1	3.0
167.5°	2.8	2.9	2.8	3.1	3.0
168°	2.8	2.8	2.7	3.1	2.9
168.5°	2.8	3.0	2.8	3.3	3.0
169°	3.0	2.9	2.7	3.3	3.0
169.5°	2.9	2.9	2.8	3.2	3.1
170°	3.0	2.9	2.8	3.3	3.0
170.5°	3.0	3.1	2.8	3.3	3.1
171°	3.0	3.0	3.0	3.3	3.2
171.5°	2.9	3.0	3.0	3.4	3.1
172°	2.9	3.0	3.1	3.4	3.1
172.5°	3.1	3.1	3.1	3.4	3.1
173°	2.9	2.9	3.1	3.4	3.2
173.5°	3.1	3.1	3.2	3.3	3.3
174°	3.2	3.2	3.4	3.4	3.2
174.5°	3.2	3.4	3.4	3.5	3.4
175°	3.4	3.4	3.4	3.5	3.3
175.5°	3.4	3.4	3.6	3.4	3.4
176°	3.6	3.5	3.4	3.4	3.4
176.5°	3.6	3.4	3.5	3.2	3.4
177°	3.5	3.4	3.3	3.2	3.4
177.5°	3.6	3.4	3.2	3.1	3.4
178°	3.4	3.3	3.1	3.1	3.2
178.5°	3.3	3.2	3.1	3.1	3.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	2.8	2.8	2.8	2.8	2.8



Report Generated By 670246072 / DESKTOP-MV3F9LC







— 0°-180°    - - 45°-225°    - - - - 90°-270°







21.5°	2998.5	2994.9	2980.3	2966.4	2960.6
22°	2997.0	2993.4	2978.1	2964.2	2958.4



44°	2684.1	2673.1	2651.2	2638.1	2629.3
44.5°	2667.3	2655.6	2635.2	2621.3	2612.6



66.5°	1433.6	1427.8	1416.8	1413.2	1409.5
67°	1397.8	1391.3	1381.1	1377.4	1374.5



89°	21.3	20.9	20.7	21.8	22.1
89.5°	9.4	9.6	9.3	10.0	9.8



111.5°	1.8	1.6	1.7	1.7	1.6
112°	1.8	1.7	1.7	1.7	1.8





134°	3.7	3.6	3.6	3.5	3.7
134.5°	3.8	3.6	3.6	3.4	3.5



156.5°	2.8	2.6	2.7	2.8	2.8
157°	2.8	2.6	2.7	2.7	2.8



179°	3.1	3.1	2.9	3.0	3.1
179.5°	2.8	2.9	2.8	2.8	3.0



(END OF REPORT)