

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-CFD2**

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-CFD2  
Description: 10000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS  
AND 5000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No. Condition Description

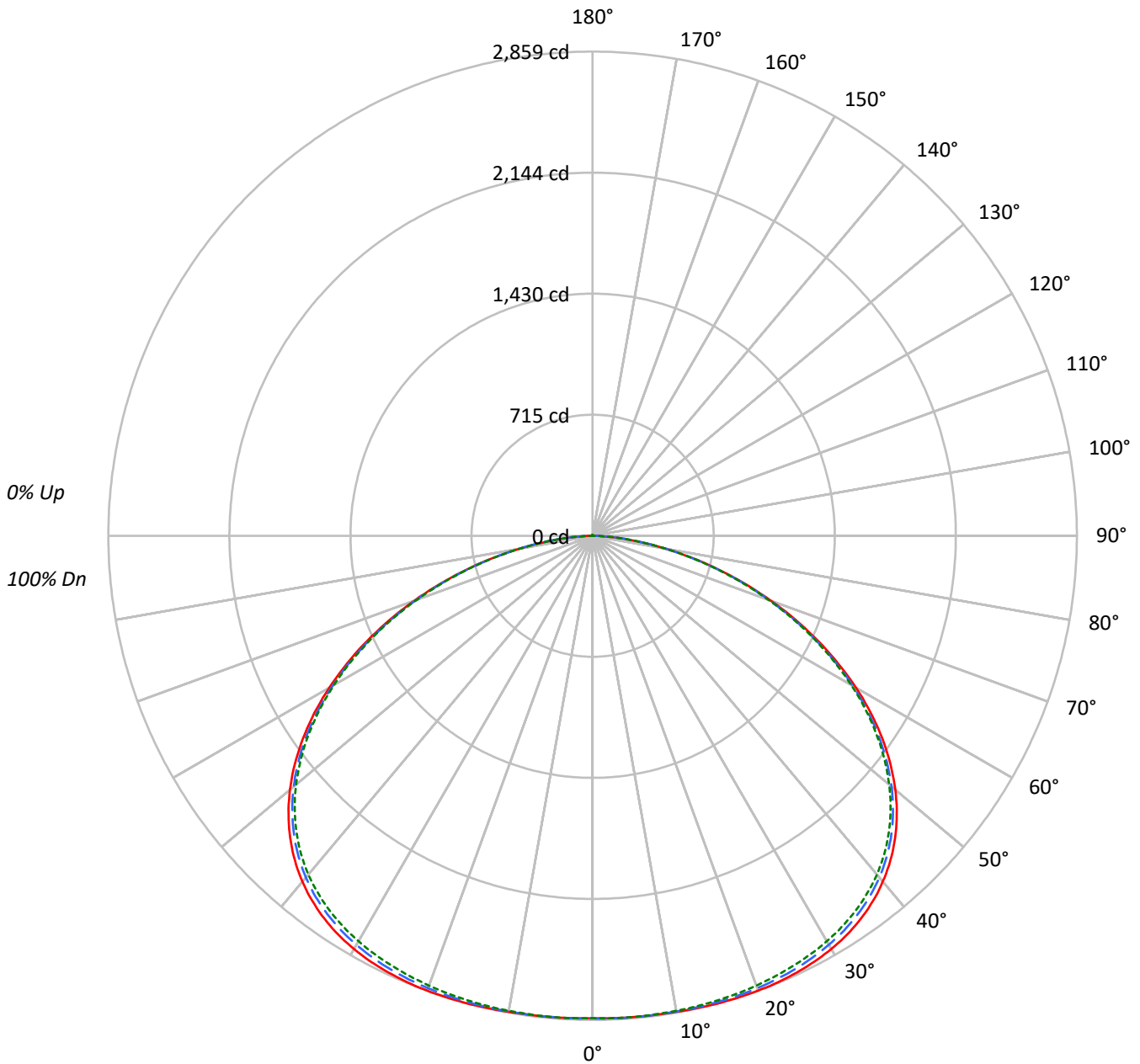
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10318.0 lumens  
Efficiency: N/A  
Efficacy: 129.9 lumens/watt  
Spacing Criteria (0/90/45): 1.48 / 1.45 / 1.57  
Luminous Opening: Rectangular w/ Sides (W: 3.88' x L: 3.88' x H: 0.17')  
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-CFD2

### Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L850-CFD2

**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°	2034	2034	2034
5°	2036	2033	2036
10°	2054	2046	2049
15°	2089	2073	2076
20°	2138	2113	2114
25°	2198	2164	2164
30°	2266	2221	2223
35°	2336	2281	2288
40°	2398	2335	2349
45°	2444	2374	2394
50°	2464	2386	2414
55°	2448	2362	2400
60°	2387	2292	2343
65°	2272	2170	2235
70°	2092	1983	2059
75°	1826	1716	1806
80°	1449	1345	1439
85°	901	811	921



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L850-CFD2

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	272.3	2.6
10°-20°	807.6	7.8
20°-30°	1305.6	12.7
30°-40°	1710.1	16.6
40°-50°	1923.5	18.6
50°-60°	1840.6	17.8
60°-70°	1435.5	13.9
70°-80°	809.0	7.8
80°-90°	200.2	1.9
90°-100°	0.7	0.0
100°-110°	1.2	0.0
110°-120°	2.1	0.0
120°-130°	3.3	0.0
130°-140°	2.6	0.0
140°-150°	1.6	0.0
150°-160°	1.2	0.0
160°-170°	0.8	0.0
170°-180°	0.3	0.0
0°-30°	2385.5	23.1
0°-40°	4095.6	39.7
0°-60°	7859.7	76.2
0°-90°	10304.4	99.9
90°-120°	4.0	0.0
90°-150°	11.4	0.1
90°-180°	14.0	0.1
0°-180°	10318.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2850	2850	2850	2850	2850	
5°	2852	2853	2852	2852	2852	272
15°	2859	2858	2851	2845	2841	810
25°	2847	2842	2824	2808	2802	1316
35°	2761	2752	2729	2712	2704	1728
45°	2525	2514	2494	2482	2473	1945
55°	2088	2077	2062	2053	2047	1861
65°	1469	1463	1452	1448	1445	1450
75°	768	768	763	762	760	814
85°	164	166	168	169	168	190
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	3
135°	4	3	3	3	4	3
145°	3	2	3	2	2	2
155°	3	3	3	3	3	1
165°	3	3	2	3	3	1
175°	3	3	3	3	3	0
180°	3	3	3	3	3	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L850-CFD2

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2849.5	2849.5	2849.5	2849.5	2849.5
0.5°	2848.8	2850.9	2851.6	2850.9	2849.5
1°	2849.5	2850.9	2851.6	2851.6	2850.2
1.5°	2850.2	2851.6	2851.6	2851.6	2850.9
2°	2850.2	2851.6	2851.6	2852.3	2850.9
2.5°	2850.9	2852.3	2852.3	2852.3	2850.9
3°	2851.6	2852.3	2852.3	2852.3	2851.6
3.5°	2851.6	2852.3	2852.3	2852.3	2851.6
4°	2852.3	2852.3	2852.3	2852.3	2851.6
4.5°	2852.3	2853.0	2852.3	2852.3	2851.6
5°	2852.3	2853.0	2852.3	2852.3	2851.6
5.5°	2852.3	2853.0	2852.3	2852.3	2851.6
6°	2853.0	2853.0	2852.3	2852.3	2850.9
6.5°	2853.0	2853.7	2853.0	2852.3	2850.9
7°	2853.0	2853.7	2852.3	2852.3	2850.9
7.5°	2853.0	2853.7	2852.3	2851.6	2850.2
8°	2853.7	2853.7	2853.0	2851.6	2850.2
8.5°	2853.7	2854.4	2852.3	2851.6	2849.5
9°	2854.4	2854.4	2853.0	2850.9	2849.5
9.5°	2854.4	2855.1	2852.3	2850.9	2848.8
10°	2855.1	2855.1	2852.3	2850.2	2848.1
10.5°	2855.8	2855.8	2852.3	2850.2	2848.1
11°	2855.8	2855.8	2852.3	2849.5	2847.4
11.5°	2856.5	2856.5	2852.3	2848.8	2846.8
12°	2856.5	2856.5	2852.3	2848.8	2846.1
12.5°	2857.2	2856.5	2851.6	2848.1	2845.4
13°	2857.2	2856.5	2851.6	2847.4	2844.7
13.5°	2857.9	2857.2	2851.6	2846.8	2844.0
14°	2857.9	2857.2	2851.6	2846.1	2842.6
14.5°	2858.6	2857.2	2850.9	2845.4	2841.9
15°	2858.6	2857.9	2850.9	2844.7	2841.2
15.5°	2859.3	2857.9	2850.2	2843.3	2839.8
16°	2858.6	2857.9	2849.5	2842.6	2838.4
16.5°	2859.3	2857.9	2849.5	2841.2	2837.0
17°	2859.3	2857.2	2848.8	2839.8	2836.3
17.5°	2859.3	2857.2	2847.4	2839.1	2834.9
18°	2859.3	2857.2	2846.8	2837.7	2832.9
18.5°	2859.3	2856.5	2846.1	2836.3	2831.5
19°	2858.6	2856.5	2845.4	2834.9	2830.1
19.5°	2858.6	2855.8	2844.0	2832.9	2828.0
20°	2857.9	2855.1	2842.6	2831.5	2826.6
20.5°	2857.2	2854.4	2841.9	2830.1	2824.5
21°	2857.2	2853.7	2840.5	2828.0	2822.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	2854.4	2850.2	2835.6	2821.7	2815.5
23°	2853.0	2848.8	2833.5	2819.6	2813.4
23.5°	2851.6	2847.4	2831.5	2816.9	2810.6
24°	2850.2	2846.1	2829.4	2814.1	2807.8
24.5°	2848.8	2844.0	2827.3	2811.3	2805.1
25°	2846.8	2841.9	2824.5	2808.5	2802.3
25.5°	2844.7	2839.8	2821.7	2805.7	2798.8
26°	2842.6	2837.7	2819.0	2803.0	2796.0
26.5°	2840.5	2834.9	2816.2	2799.5	2792.5
27°	2837.7	2832.2	2812.7	2796.0	2789.1
27.5°	2834.9	2829.4	2809.2	2792.5	2785.6
28°	2832.2	2825.9	2805.7	2789.1	2782.1
28.5°	2828.7	2822.4	2802.3	2784.9	2777.9
29°	2825.2	2819.0	2798.1	2780.7	2773.8
29.5°	2821.7	2814.8	2793.9	2776.6	2768.9
30°	2817.6	2810.6	2789.1	2771.7	2764.0
30.5°	2813.4	2806.4	2784.2	2766.8	2759.9
31°	2808.5	2801.6	2779.3	2762.0	2754.3
31.5°	2804.4	2796.7	2773.8	2757.1	2749.5
32°	2798.8	2791.2	2768.9	2751.5	2743.9
32.5°	2793.2	2785.6	2762.7	2745.3	2737.6
33°	2787.7	2779.3	2756.4	2739.7	2731.4
33.5°	2781.4	2773.1	2750.1	2733.5	2725.1
34°	2774.5	2766.1	2743.2	2726.5	2718.9
34.5°	2767.5	2759.2	2736.2	2719.6	2711.9
35°	2760.6	2751.5	2728.6	2711.9	2704.3
35.5°	2752.9	2743.9	2721.0	2704.3	2696.6
36°	2745.3	2735.6	2712.6	2696.6	2688.3
36.5°	2736.2	2727.2	2704.3	2688.3	2680.6
37°	2727.2	2718.2	2695.2	2679.3	2671.6
37.5°	2718.2	2708.4	2686.2	2670.2	2661.9
38°	2708.4	2699.4	2676.5	2661.2	2652.8
38.5°	2698.7	2689.0	2666.0	2650.8	2643.1
39°	2688.3	2677.9	2655.6	2641.0	2632.7
39.5°	2677.2	2666.7	2645.2	2629.9	2622.3
40°	2665.4	2655.6	2633.4	2618.8	2611.1
40.5°	2654.2	2643.8	2621.6	2607.7	2599.3
41°	2641.7	2631.3	2609.8	2595.2	2586.8
41.5°	2628.5	2618.1	2596.5	2582.6	2574.3
42°	2615.3	2604.9	2583.3	2570.1	2561.1
42.5°	2601.4	2591.0	2569.4	2556.2	2547.9
43°	2587.5	2576.4	2555.5	2542.3	2534.0
43.5°	2572.9	2561.8	2540.9	2527.7	2519.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2525.0	2513.8	2493.7	2481.9	2472.8
45.5°	2508.3	2496.5	2477.0	2465.2	2456.9
46°	2490.9	2479.1	2459.6	2447.8	2439.5
46.5°	2472.8	2461.0	2442.3	2430.4	2422.1
47°	2454.1	2443.0	2423.5	2413.1	2404.0
47.5°	2435.3	2423.5	2404.7	2394.3	2385.3
48°	2416.5	2404.0	2386.0	2374.8	2365.8
48.5°	2396.4	2384.6	2366.5	2356.1	2347.7
49°	2374.8	2363.7	2345.7	2334.5	2326.9
49.5°	2354.0	2342.9	2324.8	2314.4	2306.0
50°	2332.4	2320.6	2304.0	2293.5	2285.2
50.5°	2310.2	2298.4	2281.7	2271.3	2263.6
51°	2288.0	2276.2	2259.5	2249.0	2240.7
51.5°	2264.3	2252.5	2235.8	2226.1	2218.5
52°	2240.7	2228.9	2212.2	2203.2	2195.5
52.5°	2217.1	2205.3	2188.6	2178.8	2171.9
53°	2191.4	2180.2	2164.9	2155.9	2148.3
53.5°	2165.6	2154.5	2139.2	2130.2	2123.2
54°	2139.9	2128.8	2113.5	2104.5	2098.2
54.5°	2114.9	2103.1	2088.5	2079.5	2073.2
55°	2087.8	2076.7	2062.1	2053.1	2046.8
55.5°	2060.7	2049.6	2035.0	2025.9	2020.4
56°	2032.2	2021.8	2007.2	1999.5	1994.0
56.5°	2003.7	1994.0	1979.4	1971.7	1966.2
57°	1975.9	1965.5	1951.6	1944.6	1939.1
57.5°	1948.1	1937.0	1923.1	1916.1	1910.6
58°	1917.5	1907.1	1893.9	1886.9	1882.1
58.5°	1887.6	1877.9	1864.0	1857.8	1852.9
59°	1857.8	1848.0	1834.8	1828.6	1823.7
59.5°	1826.5	1817.4	1804.2	1798.0	1793.1
60°	1795.9	1786.2	1773.7	1768.1	1763.2
60.5°	1764.6	1756.3	1743.1	1737.5	1732.7
61°	1732.7	1724.3	1711.8	1706.2	1701.4
61.5°	1700.0	1693.0	1680.5	1675.0	1670.8
62°	1668.0	1661.1	1648.6	1643.7	1639.5
62.5°	1635.4	1628.4	1615.9	1611.0	1606.9
63°	1602.7	1595.7	1583.9	1579.1	1574.9
63.5°	1569.3	1562.4	1551.3	1546.4	1542.2
64°	1536.0	1529.0	1517.2	1513.7	1508.9
64.5°	1502.6	1495.7	1483.8	1480.4	1476.2
65°	1468.6	1463.0	1451.9	1447.7	1444.9
65.5°	1435.2	1428.2	1417.8	1414.3	1410.2
66°	1399.7	1394.2	1383.8	1380.3	1377.5





TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1296.9	1290.6	1281.6	1278.1	1274.6
68°	1261.4	1255.9	1246.8	1244.1	1240.6
68.5°	1226.0	1220.4	1211.4	1209.3	1207.2
69°	1190.5	1185.0	1177.3	1175.3	1172.5
69.5°	1155.8	1150.2	1143.3	1141.2	1137.7
70°	1120.4	1115.5	1108.5	1106.5	1103.0
70.5°	1084.9	1080.0	1073.8	1071.7	1068.2
71°	1049.5	1045.3	1039.7	1037.0	1033.5
71.5°	1014.7	1010.5	1004.3	1002.2	999.4
72°	979.3	975.8	969.5	968.1	964.7
72.5°	943.8	941.0	934.8	933.4	930.6
73°	908.4	905.6	899.3	898.0	895.9
73.5°	873.6	870.8	865.3	863.2	861.1
74°	838.9	836.8	831.2	829.8	827.1
74.5°	803.4	802.0	797.2	795.1	793.0
75°	768.0	768.0	763.1	761.7	759.6
75.5°	733.9	733.9	729.1	727.7	725.6
76°	699.9	699.9	695.0	693.7	690.9
76.5°	665.5	665.7	661.6	660.2	657.9
77°	632.5	632.8	629.1	627.2	625.0
77.5°	597.3	599.0	595.9	594.2	591.9
78°	564.4	566.5	563.4	562.1	560.1
78.5°	533.4	534.7	532.7	531.1	528.4
79°	501.0	502.0	500.7	499.3	496.7
79.5°	469.0	470.7	469.8	468.6	465.5
80°	438.3	439.6	439.8	437.9	435.1
80.5°	406.1	408.7	409.1	407.2	405.7
81°	376.3	378.7	379.4	378.3	376.3
81.5°	346.9	349.8	350.4	349.8	347.3
82°	317.5	321.0	322.1	321.6	318.8
82.5°	289.5	293.4	294.5	294.1	291.5
83°	262.2	266.5	267.5	267.9	265.5
83.5°	235.9	239.9	241.2	241.7	239.1
84°	210.6	214.2	215.9	216.6	214.4
84.5°	186.5	189.5	191.5	192.4	191.3
85°	163.9	166.0	167.8	169.1	167.6
85.5°	141.9	143.6	145.0	146.9	145.7
86°	121.5	123.2	124.1	125.7	125.7
86.5°	102.0	102.8	103.6	105.4	105.4
87°	83.4	83.5	83.7	86.0	86.1
87.5°	64.4	64.9	65.2	67.2	67.9
88°	45.4	47.0	47.4	49.3	49.1
88.5°	32.1	32.1	32.0	33.9	34.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.5	1.5	1.5	1.6	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°	0.6	0.5	0.6	0.4	0.3
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°	0.6	0.5	0.6	0.6	0.6
94°	0.6	0.6	0.6	0.6	0.7
94.5°	0.6	0.6	0.6	0.6	0.6
95°	0.6	0.5	0.6	0.6	0.7
95.5°	0.6	0.6	0.7	0.6	0.7
96°	0.8	0.8	0.6	0.6	0.7
96.5°	0.8	0.7	0.7	0.6	0.7
97°	0.8	0.7	0.8	0.6	0.8
97.5°	0.8	0.7	0.7	0.6	0.8
98°	0.9	0.8	0.8	0.8	0.9
98.5°	0.9	0.8	0.7	0.7	0.8
99°	0.8	0.8	0.8	0.7	0.8
99.5°	0.9	0.7	0.8	0.8	0.8
100°	0.9	0.8	0.8	0.8	0.9
100.5°	0.9	0.9	0.8	0.9	0.9
101°	1.0	0.8	0.8	0.8	0.8
101.5°	1.0	0.8	0.9	0.9	1.0
102°	1.1	0.9	1.0	0.9	1.0
102.5°	1.0	0.9	0.9	1.0	1.0
103°	1.0	0.8	1.0	0.9	1.0
103.5°	1.0	1.0	1.0	1.0	0.9
104°	1.2	1.0	1.0	1.0	0.9
104.5°	1.0	1.1	1.1	1.1	1.0
105°	1.3	1.1	1.0	1.2	1.2
105.5°	1.2	1.0	1.1	1.0	1.0
106°	1.1	1.1	1.2	1.2	1.3
106.5°	1.3	1.1	1.2	1.1	1.0
107°	1.2	1.2	1.3	1.3	1.1
107.5°	1.3	1.2	1.3	1.3	1.3
108°	1.3	1.2	1.1	1.3	1.2
108.5°	1.3	1.3	1.3	1.3	1.2
109°	1.4	1.3	1.3	1.3	1.4
109.5°	1.5	1.3	1.5	1.4	1.3
110°	1.4	1.4	1.4	1.5	1.4
110.5°	1.5	1.4	1.5	1.5	1.5
111°	1.5	1.5	1.5	1.5	1.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.7	1.7	1.8	1.7	1.6
113°	1.9	1.7	1.7	1.7	1.7
113.5°	1.9	1.9	1.9	1.9	1.9
114°	1.9	1.9	2.0	2.0	1.9
114.5°	2.1	2.1	2.0	2.0	1.9
115°	2.1	2.1	2.0	2.1	2.0
115.5°	2.3	2.1	2.2	2.2	2.0
116°	2.2	2.3	2.3	2.2	2.2
116.5°	2.4	2.4	2.4	2.4	2.3
117°	2.5	2.5	2.5	2.5	2.2
117.5°	2.6	2.5	2.6	2.5	2.4
118°	2.6	2.6	2.7	2.6	2.4
118.5°	2.8	2.7	2.7	2.6	2.6
119°	2.8	2.8	2.9	2.7	2.7
119.5°	2.9	2.9	2.9	2.8	2.8
120°	3.1	3.1	3.0	2.9	3.0
120.5°	3.1	3.0	3.1	3.1	3.0
121°	3.1	3.1	3.1	3.1	3.0
121.5°	3.5	3.3	3.3	3.1	3.1
122°	3.3	3.5	3.3	3.3	3.3
122.5°	3.5	3.5	3.4	3.4	3.3
123°	3.6	3.6	3.5	3.5	3.4
123.5°	3.6	3.8	3.5	3.4	3.5
124°	3.7	3.8	3.7	3.5	3.5
124.5°	3.9	3.8	3.7	3.6	3.6
125°	4.0	3.9	3.8	3.8	3.8
125.5°	4.0	4.0	3.8	3.8	3.8
126°	4.0	3.9	3.8	3.8	3.8
126.5°	3.9	4.0	4.0	3.8	3.9
127°	4.0	4.0	3.9	3.8	3.8
127.5°	4.2	4.1	4.0	3.8	3.8
128°	4.2	4.0	4.0	3.8	3.9
128.5°	4.0	4.0	3.9	3.8	3.9
129°	4.0	4.0	3.9	3.8	3.8
129.5°	3.9	4.0	3.9	3.8	3.8
130°	3.9	4.0	3.8	3.7	3.8
130.5°	4.0	3.9	3.9	3.5	3.8
131°	3.8	3.8	3.8	3.6	3.7
131.5°	3.9	3.8	3.6	3.5	3.6
132°	3.8	3.7	3.7	3.5	3.5
132.5°	3.8	3.7	3.6	3.5	3.6
133°	3.7	3.5	3.5	3.3	3.5
133.5°	3.8	3.5	3.4	3.3	3.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	3.6	3.4	3.3	3.2	3.5
135.5°	3.4	3.5	3.3	3.1	3.3
136°	3.3	3.3	3.1	3.0	3.3
136.5°	3.4	3.3	3.1	3.0	3.3
137°	3.3	3.2	3.1	3.0	3.2
137.5°	3.3	3.1	3.1	2.8	3.1
138°	3.2	3.1	2.9	2.8	3.1
138.5°	3.3	3.1	3.0	2.8	3.0
139°	2.8	3.0	2.9	2.6	3.1
139.5°	3.1	2.8	2.8	2.7	3.0
140°	3.0	2.8	2.8	2.6	2.8
140.5°	3.0	2.8	2.8	2.6	2.8
141°	2.8	2.8	2.7	2.5	2.6
141.5°	2.6	2.8	2.8	2.5	2.6
142°	2.6	2.6	2.7	2.6	2.4
142.5°	2.6	2.7	2.6	2.5	2.4
143°	2.7	2.6	2.6	2.6	2.4
143.5°	2.7	2.6	2.6	2.4	2.4
144°	2.7	2.5	2.7	2.4	2.5
144.5°	2.6	2.5	2.6	2.4	2.5
145°	2.6	2.5	2.6	2.3	2.5
145.5°	2.6	2.4	2.5	2.3	2.6
146°	2.6	2.4	2.4	2.3	2.5
146.5°	2.6	2.4	2.4	2.3	2.5
147°	2.6	2.4	2.3	2.4	2.4
147.5°	2.5	2.4	2.3	2.4	2.6
148°	2.6	2.4	2.4	2.3	2.6
148.5°	2.6	2.5	2.4	2.3	2.6
149°	2.6	2.4	2.4	2.3	2.6
149.5°	2.7	2.4	2.4	2.3	2.6
150°	2.6	2.5	2.4	2.3	2.6
150.5°	2.6	2.4	2.4	2.4	2.6
151°	2.7	2.4	2.3	2.4	2.7
151.5°	2.6	2.5	2.3	2.4	2.7
152°	2.7	2.5	2.4	2.5	2.6
152.5°	2.7	2.6	2.4	2.4	2.7
153°	2.6	2.5	2.4	2.6	2.8
153.5°	2.8	2.6	2.4	2.5	2.7
154°	2.7	2.6	2.5	2.5	2.7
154.5°	2.7	2.5	2.5	2.6	2.8
155°	2.6	2.6	2.6	2.6	2.8
155.5°	2.7	2.5	2.5	2.6	2.8
156°	2.6	2.6	2.6	2.6	2.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	2.6	2.4	2.5	2.6	2.7
158°	2.8	2.6	2.5	2.6	2.8
158.5°	2.6	2.6	2.4	2.6	2.7
159°	2.7	2.6	2.5	2.6	2.8
159.5°	2.6	2.5	2.5	2.6	2.9
160°	2.6	2.6	2.4	2.6	2.8
160.5°	2.6	2.5	2.5	2.6	2.8
161°	2.6	2.5	2.5	2.6	2.8
161.5°	2.6	2.6	2.5	2.5	2.6
162°	2.6	2.5	2.6	2.6	2.6
162.5°	2.7	2.6	2.6	2.6	2.7
163°	2.7	2.6	2.6	2.6	2.6
163.5°	2.6	2.6	2.6	2.6	2.8
164°	2.6	2.6	2.6	2.8	2.8
164.5°	2.5	2.7	2.6	2.8	2.8
165°	2.6	2.6	2.5	2.7	2.8
165.5°	2.4	2.6	2.5	2.9	2.8
166°	2.6	2.6	2.6	2.8	2.7
166.5°	2.6	2.6	2.5	2.8	2.6
167°	2.6	2.8	2.6	2.9	2.8
167.5°	2.6	2.8	2.6	3.0	2.8
168°	2.7	2.7	2.6	2.9	2.8
168.5°	2.6	2.8	2.7	3.1	2.8
169°	2.8	2.8	2.6	3.1	2.8
169.5°	2.8	2.8	2.6	3.1	2.9
170°	2.8	2.8	2.7	3.1	2.8
170.5°	2.8	2.9	2.7	3.1	3.0
171°	2.8	2.8	2.8	3.1	3.1
171.5°	2.8	2.8	2.8	3.2	2.9
172°	2.8	2.8	2.9	3.2	3.0
172.5°	2.9	2.9	3.0	3.2	3.0
173°	2.8	2.8	3.0	3.2	3.1
173.5°	3.0	2.9	3.1	3.1	3.1
174°	3.1	3.1	3.3	3.2	3.1
174.5°	3.1	3.2	3.2	3.3	3.2
175°	3.3	3.2	3.3	3.3	3.1
175.5°	3.3	3.2	3.4	3.3	3.3
176°	3.4	3.3	3.3	3.2	3.2
176.5°	3.5	3.3	3.3	3.1	3.2
177°	3.3	3.3	3.1	3.1	3.2
177.5°	3.4	3.3	3.1	3.0	3.3
178°	3.2	3.1	3.0	3.0	3.1
178.5°	3.1	3.1	2.9	2.9	2.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	2.7	2.7	2.7	2.7	2.7



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	2856.5	2853.0	2839.1	2825.9	2820.3
22°	2855.1	2851.6	2837.0	2823.8	2818.3



44°	2556.9	2546.5	2525.7	2513.1	2504.8
44.5°	2540.9	2529.8	2510.4	2497.2	2488.8



66.5°	1365.7	1360.1	1349.7	1346.2	1342.8
67°	1331.6	1325.4	1315.6	1312.2	1309.4



89°	20.3	19.9	19.7	20.8	21.1
89.5°	9.0	9.1	8.9	9.5	9.4



111.5°	1.7	1.5	1.6	1.6	1.5
112°	1.7	1.6	1.6	1.6	1.7





134°	3.5	3.5	3.4	3.3	3.5
134.5°	3.6	3.4	3.4	3.2	3.3



156.5°	2.7	2.5	2.6	2.6	2.7
157°	2.6	2.5	2.6	2.6	2.7



179°	3.0	2.9	2.8	2.8	3.0
179.5°	2.6	2.8	2.7	2.6	2.8



(END OF REPORT)