

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-L840-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-L840-CFD2  
Description: 10000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS  
AND 4000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No. Condition Description

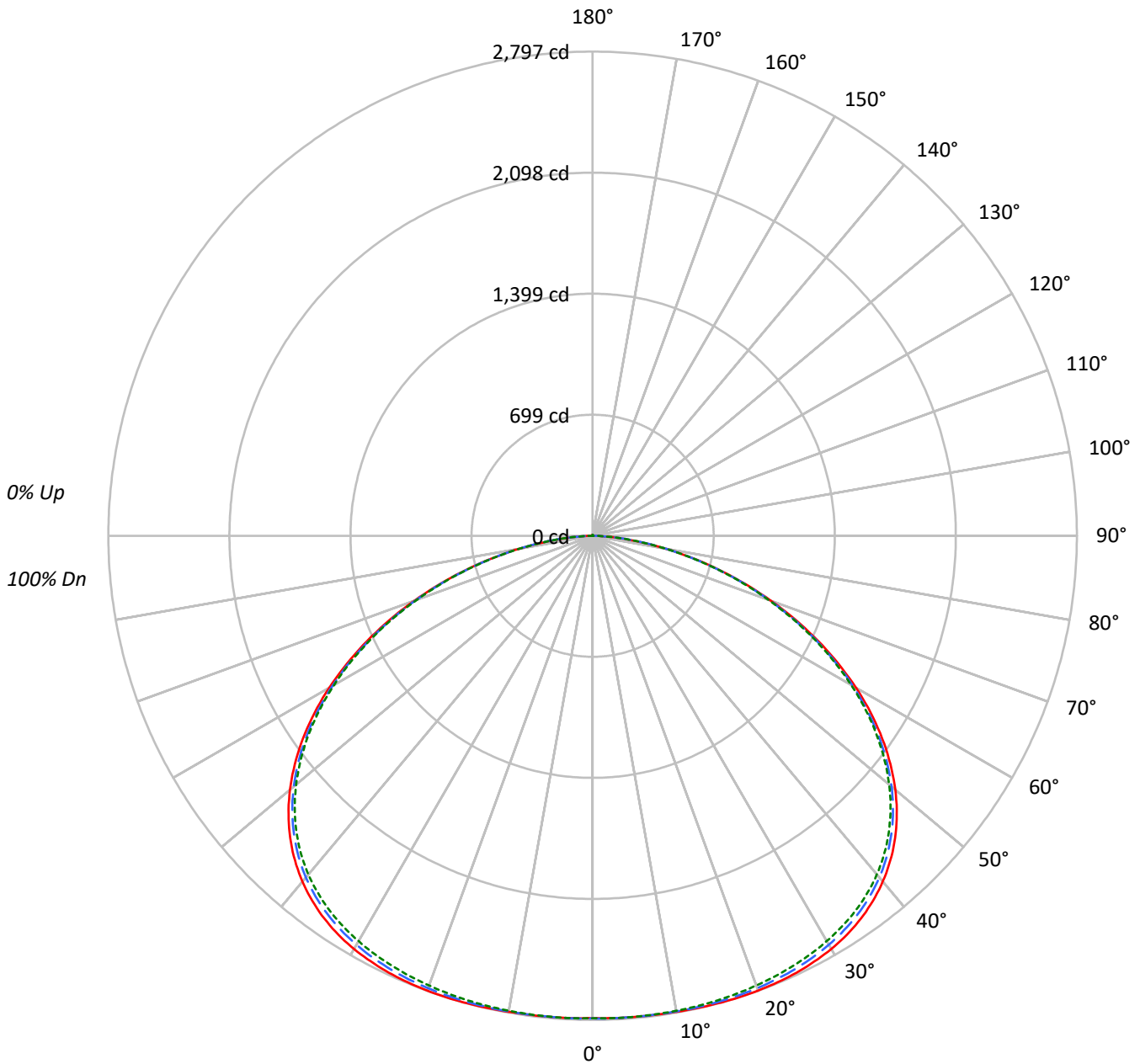
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10093.0 lumens  
Efficiency: N/A  
Efficacy: 127.1 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

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### Luminous Intensity Polar Plot





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

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

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

	0°	45°	90°
0°	1990	1990	1990
5°	1992	1989	1991
10°	2009	2001	2004
15°	2043	2028	2031
20°	2091	2067	2068
25°	2150	2116	2117
30°	2217	2173	2175
35°	2285	2231	2238
40°	2345	2284	2298
45°	2391	2322	2342
50°	2411	2334	2362
55°	2395	2310	2348
60°	2335	2242	2292
65°	2222	2123	2186
70°	2046	1940	2014
75°	1786	1679	1767
80°	1418	1316	1407
85°	881	794	901



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	266.3	2.6
10°-20°	790.0	7.8
20°-30°	1277.1	12.7
30°-40°	1672.8	16.6
40°-50°	1881.6	18.6
50°-60°	1800.4	17.8
60°-70°	1404.2	13.9
70°-80°	791.4	7.8
80°-90°	195.8	1.9
90°-100°	0.7	0.0
100°-110°	1.1	0.0
110°-120°	2.1	0.0
120°-130°	3.2	0.0
130°-140°	2.5	0.0
140°-150°	1.5	0.0
150°-160°	1.1	0.0
160°-170°	0.7	0.0
170°-180°	0.3	0.0
0°-30°	2333.5	23.1
0°-40°	4006.3	39.7
0°-60°	7688.3	76.2
0°-90°	10079.7	99.9
90°-120°	3.9	0.0
90°-150°	11.2	0.1
90°-180°	13.0	0.1
0°-180°	10093.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2787	2787	2787	2787	2787	
5°	2790	2791	2790	2790	2789	266
15°	2796	2796	2789	2783	2779	793
25°	2785	2780	2763	2747	2741	1287
35°	2700	2692	2669	2653	2645	1691
45°	2470	2459	2439	2428	2419	1903
55°	2042	2031	2017	2008	2002	1820
65°	1436	1431	1420	1416	1413	1418
75°	751	751	746	745	743	796
85°	160	162	164	165	164	186
90°	2	1	2	2	1	8
95°	1	0	1	0	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	3	3
145°	3	2	2	2	2	2
155°	2	2	2	3	3	1
165°	2	2	2	3	3	1
175°	3	3	3	3	3	0
180°	3	3	3	3	3	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2787.4	2787.4	2787.4	2787.4	2787.4
0.5°	2786.7	2788.8	2789.4	2788.8	2787.4
1°	2787.4	2788.8	2789.4	2789.4	2788.1
1.5°	2788.1	2789.4	2789.4	2789.4	2788.8
2°	2788.1	2789.4	2789.4	2790.1	2788.8
2.5°	2788.8	2790.1	2790.1	2790.1	2788.8
3°	2789.4	2790.1	2790.1	2790.1	2789.4
3.5°	2789.4	2790.1	2790.1	2790.1	2789.4
4°	2790.1	2790.1	2790.1	2790.1	2789.4
4.5°	2790.1	2790.8	2790.1	2790.1	2789.4
5°	2790.1	2790.8	2790.1	2790.1	2789.4
5.5°	2790.1	2790.8	2790.1	2790.1	2789.4
6°	2790.8	2790.8	2790.1	2790.1	2788.8
6.5°	2790.8	2791.5	2790.8	2790.1	2788.8
7°	2790.8	2791.5	2790.1	2790.1	2788.8
7.5°	2790.8	2791.5	2790.1	2789.4	2788.1
8°	2791.5	2791.5	2790.8	2789.4	2788.1
8.5°	2791.5	2792.2	2790.1	2789.4	2787.4
9°	2792.2	2792.2	2790.8	2788.8	2787.4
9.5°	2792.2	2792.8	2790.1	2788.8	2786.7
10°	2792.8	2792.8	2790.1	2788.1	2786.0
10.5°	2793.5	2793.5	2790.1	2788.1	2786.0
11°	2793.5	2793.5	2790.1	2787.4	2785.4
11.5°	2794.2	2794.2	2790.1	2786.7	2784.7
12°	2794.2	2794.2	2790.1	2786.7	2784.0
12.5°	2794.9	2794.2	2789.4	2786.0	2783.3
13°	2794.9	2794.2	2789.4	2785.4	2782.6
13.5°	2795.6	2794.9	2789.4	2784.7	2782.0
14°	2795.6	2794.9	2789.4	2784.0	2780.6
14.5°	2796.2	2794.9	2788.8	2783.3	2779.9
15°	2796.2	2795.6	2788.8	2782.6	2779.2
15.5°	2796.9	2795.6	2788.1	2781.3	2777.9
16°	2796.2	2795.6	2787.4	2780.6	2776.5
16.5°	2796.9	2795.6	2787.4	2779.2	2775.2
17°	2796.9	2794.9	2786.7	2777.9	2774.5
17.5°	2796.9	2794.9	2785.4	2777.2	2773.1
18°	2796.9	2794.9	2784.7	2775.8	2771.1
18.5°	2796.9	2794.2	2784.0	2774.5	2769.7
19°	2796.2	2794.2	2783.3	2773.1	2768.4
19.5°	2796.2	2793.5	2782.0	2771.1	2766.3
20°	2795.6	2792.8	2780.6	2769.7	2765.0
20.5°	2794.9	2792.2	2779.9	2768.4	2762.9
21°	2794.9	2791.5	2778.6	2766.3	2760.9



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	2792.2	2788.1	2773.8	2760.2	2754.1
23°	2790.8	2786.7	2771.8	2758.2	2752.0
23.5°	2789.4	2785.4	2769.7	2755.4	2749.3
24°	2788.1	2784.0	2767.7	2752.7	2746.6
24.5°	2786.7	2782.0	2765.6	2750.0	2743.9
25°	2784.7	2779.9	2762.9	2747.3	2741.2
25.5°	2782.6	2777.9	2760.2	2744.6	2737.8
26°	2780.6	2775.8	2757.5	2741.8	2735.0
26.5°	2778.6	2773.1	2754.8	2738.4	2731.6
27°	2775.8	2770.4	2751.4	2735.0	2728.2
27.5°	2773.1	2767.7	2748.0	2731.6	2724.8
28°	2770.4	2764.3	2744.6	2728.2	2721.4
28.5°	2767.0	2760.9	2741.2	2724.2	2717.4
29°	2763.6	2757.5	2737.1	2720.1	2713.3
29.5°	2760.2	2753.4	2733.0	2716.0	2708.5
30°	2756.1	2749.3	2728.2	2711.3	2703.8
30.5°	2752.0	2745.2	2723.5	2706.5	2699.7
31°	2747.3	2740.5	2718.7	2701.7	2694.3
31.5°	2743.2	2735.7	2713.3	2697.0	2689.5
32°	2737.8	2730.3	2708.5	2691.5	2684.1
32.5°	2732.3	2724.8	2702.4	2685.4	2677.9
33°	2726.9	2718.7	2696.3	2680.0	2671.8
33.5°	2720.8	2712.6	2690.2	2673.9	2665.7
34°	2714.0	2705.8	2683.4	2667.1	2659.6
34.5°	2707.2	2699.0	2676.6	2660.3	2652.8
35°	2700.4	2691.5	2669.1	2652.8	2645.3
35.5°	2692.9	2684.1	2661.6	2645.3	2637.8
36°	2685.4	2675.9	2653.5	2637.8	2629.7
36.5°	2676.6	2667.7	2645.3	2629.7	2622.2
37°	2667.7	2658.9	2636.5	2620.8	2613.4
37.5°	2658.9	2649.4	2627.6	2612.0	2603.8
38°	2649.4	2640.5	2618.1	2603.2	2595.0
38.5°	2639.9	2630.3	2607.9	2593.0	2585.5
39°	2629.7	2619.5	2597.7	2583.4	2575.3
39.5°	2618.8	2608.6	2587.5	2572.6	2565.1
40°	2607.2	2597.7	2576.0	2561.7	2554.2
40.5°	2596.4	2586.2	2564.4	2550.8	2542.6
41°	2584.1	2573.9	2552.8	2538.6	2530.4
41.5°	2571.2	2561.0	2539.9	2526.3	2518.2
42°	2558.3	2548.1	2527.0	2514.1	2505.3
42.5°	2544.7	2534.5	2513.4	2500.5	2492.3
43°	2531.1	2520.2	2499.8	2486.9	2478.7
43.5°	2516.8	2505.9	2485.5	2472.6	2464.5



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2469.9	2459.0	2439.3	2427.8	2418.9
45.5°	2453.6	2442.0	2423.0	2411.4	2403.3
46°	2436.6	2425.0	2406.0	2394.4	2386.3
46.5°	2418.9	2407.4	2389.0	2377.4	2369.3
47°	2400.6	2389.7	2370.6	2360.4	2351.6
47.5°	2382.2	2370.6	2352.3	2342.1	2333.3
48°	2363.8	2351.6	2333.9	2323.1	2314.2
48.5°	2344.1	2332.6	2314.9	2304.7	2296.5
49°	2323.1	2312.2	2294.5	2283.6	2276.1
49.5°	2302.7	2291.8	2274.1	2263.9	2255.7
50°	2281.6	2270.0	2253.7	2243.5	2235.4
50.5°	2259.8	2248.3	2232.0	2221.8	2214.3
51°	2238.1	2226.5	2210.2	2200.0	2191.8
51.5°	2215.0	2203.4	2187.1	2177.6	2170.1
52°	2191.8	2180.3	2164.0	2155.1	2147.7
52.5°	2168.7	2157.2	2140.9	2131.3	2124.5
53°	2143.6	2132.7	2117.7	2108.9	2101.4
53.5°	2118.4	2107.5	2092.6	2083.7	2076.9
54°	2093.3	2082.4	2067.4	2058.6	2052.5
54.5°	2068.8	2057.2	2043.0	2034.1	2028.0
55°	2042.3	2031.4	2017.1	2008.3	2002.2
55.5°	2015.8	2004.9	1990.6	1981.8	1976.3
56°	1987.9	1977.7	1963.4	1955.9	1950.5
56.5°	1960.0	1950.5	1936.2	1928.7	1923.3
57°	1932.8	1922.6	1909.0	1902.2	1896.8
57.5°	1905.6	1894.7	1881.2	1874.4	1868.9
58°	1875.7	1865.5	1852.6	1845.8	1841.0
58.5°	1846.5	1837.0	1823.4	1817.2	1812.5
59°	1817.2	1807.7	1794.8	1788.7	1783.9
59.5°	1786.7	1777.8	1764.9	1758.8	1754.0
60°	1756.7	1747.2	1735.0	1729.5	1724.8
60.5°	1726.1	1718.0	1705.1	1699.6	1694.9
61°	1694.9	1686.7	1674.5	1669.0	1664.3
61.5°	1662.9	1656.1	1643.9	1638.4	1634.4
62°	1631.6	1624.8	1612.6	1607.9	1603.8
62.5°	1599.7	1592.9	1580.7	1575.9	1571.8
63°	1567.7	1560.9	1549.4	1544.6	1540.5
63.5°	1535.1	1528.3	1517.4	1512.7	1508.6
64°	1502.5	1495.7	1484.1	1480.7	1476.0
64.5°	1469.8	1463.0	1451.5	1448.1	1444.0
65°	1436.5	1431.1	1420.2	1416.1	1413.4
65.5°	1403.9	1397.1	1386.9	1383.5	1379.4
66°	1369.2	1363.8	1353.6	1350.2	1347.5





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1268.6	1262.5	1253.6	1250.2	1246.8
68°	1233.9	1228.5	1219.7	1216.9	1213.5
68.5°	1199.3	1193.8	1185.0	1182.9	1180.9
69°	1164.6	1159.1	1151.7	1149.6	1146.9
69.5°	1130.6	1125.2	1118.4	1116.3	1112.9
70°	1095.9	1091.2	1084.4	1082.3	1078.9
70.5°	1061.2	1056.5	1050.4	1048.3	1044.9
71°	1026.6	1022.5	1017.1	1014.3	1010.9
71.5°	992.6	988.5	982.4	980.3	977.6
72°	957.9	954.5	948.4	947.0	943.6
72.5°	923.2	920.5	914.4	913.0	910.3
73°	888.6	885.8	879.7	878.4	876.3
73.5°	854.6	851.9	846.4	844.4	842.3
74°	820.6	818.5	813.1	811.7	809.0
74.5°	785.9	784.5	779.8	777.8	775.7
75°	751.2	751.2	746.5	745.1	743.1
75.5°	717.9	717.9	713.2	711.8	709.8
76°	684.6	684.6	679.9	678.6	675.8
76.5°	651.0	651.2	647.2	645.8	643.5
77°	618.7	619.0	615.4	613.6	611.3
77.5°	584.3	585.9	582.9	581.3	579.0
78°	552.1	554.1	551.1	549.8	547.9
78.5°	521.8	523.1	521.1	519.5	516.9
79°	490.0	491.1	489.8	488.4	485.8
79.5°	458.8	460.5	459.6	458.4	455.4
80°	428.8	430.0	430.2	428.4	425.6
80.5°	397.2	399.8	400.2	398.3	396.9
81°	368.1	370.5	371.1	370.0	368.1
81.5°	339.4	342.2	342.8	342.2	339.7
82°	310.6	314.0	315.0	314.6	311.8
82.5°	283.2	287.0	288.1	287.6	285.1
83°	256.5	260.7	261.7	262.0	259.7
83.5°	230.7	234.7	236.0	236.4	233.9
84°	206.0	209.5	211.2	211.8	209.7
84.5°	182.5	185.3	187.3	188.2	187.2
85°	160.3	162.3	164.2	165.4	164.0
85.5°	138.8	140.5	141.8	143.7	142.6
86°	118.8	120.5	121.4	122.9	122.9
86.5°	99.8	100.6	101.3	103.1	103.1
87°	81.6	81.7	81.9	84.2	84.2
87.5°	63.0	63.5	63.8	65.7	66.4
88°	44.4	46.0	46.4	48.2	48.1
88.5°	31.4	31.4	31.3	33.2	33.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L840-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.5	1.4	1.5	1.6	1.4
90.5°	0.5	0.4	0.5	0.5	0.5
91°	0.5	0.4	0.4	0.5	0.4
91.5°	0.6	0.5	0.5	0.4	0.3
92°	0.5	0.5	0.5	0.5	0.5
92.5°	0.5	0.5	0.5	0.5	0.5
93°	0.5	0.5	0.5	0.5	0.4
93.5°	0.6	0.5	0.5	0.5	0.6
94°	0.6	0.5	0.6	0.5	0.7
94.5°	0.6	0.6	0.5	0.6	0.6
95°	0.6	0.5	0.6	0.5	0.7
95.5°	0.5	0.6	0.7	0.6	0.7
96°	0.7	0.7	0.6	0.6	0.7
96.5°	0.7	0.7	0.7	0.6	0.7
97°	0.7	0.7	0.7	0.6	0.8
97.5°	0.8	0.7	0.7	0.6	0.8
98°	0.9	0.7	0.7	0.7	0.9
98.5°	0.9	0.7	0.7	0.7	0.8
99°	0.8	0.8	0.7	0.7	0.7
99.5°	0.9	0.7	0.8	0.7	0.7
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°	1.2	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	1.2
106.5°	1.2	1.1	1.2	1.1	1.0
107°	1.2	1.2	1.2	1.2	1.1
107.5°	1.3	1.2	1.2	1.3	1.2
108°	1.3	1.2	1.1	1.3	1.2
108.5°	1.3	1.3	1.3	1.2	1.2
109°	1.4	1.3	1.3	1.3	1.4
109.5°	1.4	1.2	1.4	1.4	1.2
110°	1.4	1.4	1.4	1.4	1.4
110.5°	1.4	1.4	1.4	1.4	1.5
111°	1.4	1.5	1.5	1.5	1.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L840-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.6	1.7	1.8	1.7	1.6
113°	1.8	1.6	1.6	1.7	1.7
113.5°	1.8	1.8	1.8	1.9	1.9
114°	1.9	1.9	2.0	2.0	1.9
114.5°	2.0	2.0	2.0	2.0	1.8
115°	2.0	2.0	2.0	2.0	2.0
115.5°	2.2	2.0	2.2	2.1	2.0
116°	2.2	2.2	2.2	2.2	2.1
116.5°	2.3	2.3	2.3	2.3	2.2
117°	2.4	2.4	2.4	2.4	2.2
117.5°	2.6	2.4	2.5	2.4	2.3
118°	2.6	2.5	2.7	2.5	2.4
118.5°	2.8	2.7	2.7	2.6	2.5
119°	2.8	2.8	2.9	2.7	2.7
119.5°	2.9	2.9	2.9	2.8	2.7
120°	3.0	3.0	2.9	2.9	2.9
120.5°	3.1	2.9	3.1	3.0	2.9
121°	3.1	3.1	3.1	3.1	2.9
121.5°	3.4	3.3	3.2	3.1	3.1
122°	3.2	3.4	3.3	3.2	3.3
122.5°	3.5	3.4	3.3	3.3	3.2
123°	3.5	3.5	3.4	3.4	3.3
123.5°	3.5	3.7	3.5	3.3	3.5
124°	3.6	3.7	3.6	3.5	3.5
124.5°	3.8	3.7	3.6	3.5	3.5
125°	3.9	3.8	3.7	3.7	3.7
125.5°	3.9	3.9	3.7	3.7	3.7
126°	3.9	3.8	3.7	3.7	3.7
126.5°	3.8	3.9	3.9	3.7	3.8
127°	3.9	3.9	3.8	3.7	3.7
127.5°	4.1	4.0	3.9	3.7	3.7
128°	4.1	3.9	3.9	3.7	3.8
128.5°	3.9	3.9	3.8	3.7	3.8
129°	3.9	3.9	3.8	3.7	3.7
129.5°	3.8	3.9	3.8	3.7	3.7
130°	3.8	3.9	3.7	3.6	3.7
130.5°	3.9	3.8	3.8	3.5	3.7
131°	3.7	3.7	3.7	3.5	3.6
131.5°	3.8	3.7	3.5	3.5	3.5
132°	3.7	3.6	3.6	3.5	3.5
132.5°	3.7	3.6	3.5	3.5	3.5
133°	3.6	3.5	3.5	3.3	3.4
133.5°	3.7	3.5	3.3	3.2	3.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L840-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	3.5	3.3	3.2	3.1	3.4
135.5°	3.3	3.4	3.2	3.1	3.3
136°	3.3	3.2	3.1	2.9	3.3
136.5°	3.3	3.2	3.1	2.9	3.2
137°	3.3	3.1	3.1	2.9	3.1
137.5°	3.2	3.1	3.0	2.8	3.0
138°	3.1	3.0	2.9	2.8	3.0
138.5°	3.2	3.0	2.9	2.7	2.9
139°	2.8	2.9	2.9	2.6	3.0
139.5°	3.0	2.8	2.7	2.7	2.9
140°	2.9	2.7	2.8	2.6	2.7
140.5°	2.9	2.7	2.7	2.6	2.7
141°	2.8	2.7	2.7	2.4	2.6
141.5°	2.6	2.7	2.7	2.4	2.6
142°	2.5	2.5	2.7	2.5	2.4
142.5°	2.5	2.7	2.6	2.4	2.4
143°	2.7	2.6	2.6	2.5	2.4
143.5°	2.7	2.6	2.6	2.4	2.4
144°	2.7	2.4	2.7	2.3	2.4
144.5°	2.5	2.4	2.5	2.4	2.4
145°	2.6	2.4	2.5	2.2	2.4
145.5°	2.5	2.4	2.4	2.2	2.6
146°	2.5	2.4	2.3	2.2	2.4
146.5°	2.6	2.4	2.3	2.2	2.4
147°	2.5	2.4	2.2	2.3	2.3
147.5°	2.4	2.4	2.2	2.3	2.5
148°	2.5	2.4	2.3	2.2	2.5
148.5°	2.6	2.4	2.3	2.2	2.5
149°	2.5	2.4	2.3	2.2	2.5
149.5°	2.7	2.3	2.3	2.2	2.6
150°	2.6	2.4	2.3	2.2	2.5
150.5°	2.5	2.4	2.3	2.3	2.5
151°	2.7	2.4	2.2	2.3	2.7
151.5°	2.6	2.4	2.2	2.3	2.7
152°	2.7	2.4	2.4	2.4	2.5
152.5°	2.7	2.5	2.3	2.4	2.7
153°	2.6	2.4	2.4	2.5	2.7
153.5°	2.8	2.5	2.3	2.4	2.7
154°	2.7	2.5	2.4	2.4	2.7
154.5°	2.7	2.4	2.4	2.6	2.7
155°	2.5	2.5	2.5	2.6	2.8
155.5°	2.7	2.4	2.4	2.5	2.7
156°	2.5	2.5	2.5	2.5	2.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L840-CFD2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L840-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°	2794.2	2790.8	2777.2	2764.3	2758.8
22°	2792.8	2789.4	2775.2	2762.2	2756.8



44°	2501.2	2491.0	2470.6	2458.3	2450.2
44.5°	2485.5	2474.7	2455.6	2442.7	2434.6



66.5°	1335.9	1330.5	1320.3	1316.9	1313.5
67°	1302.6	1296.5	1287.0	1283.6	1280.8



89°	19.9	19.5	19.3	20.3	20.6
89.5°	8.8	8.9	8.7	9.3	9.2



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	3.4	3.3	3.3	3.5
134.5°	3.5	3.3	3.3	3.1	3.3



156.5°	2.7	2.4	2.5	2.6	2.7
157°	2.6	2.4	2.5	2.5	2.7



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



(END OF REPORT)