

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-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-L840-CFR2  
Description: 10000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS  
AND 4000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No. Condition Description

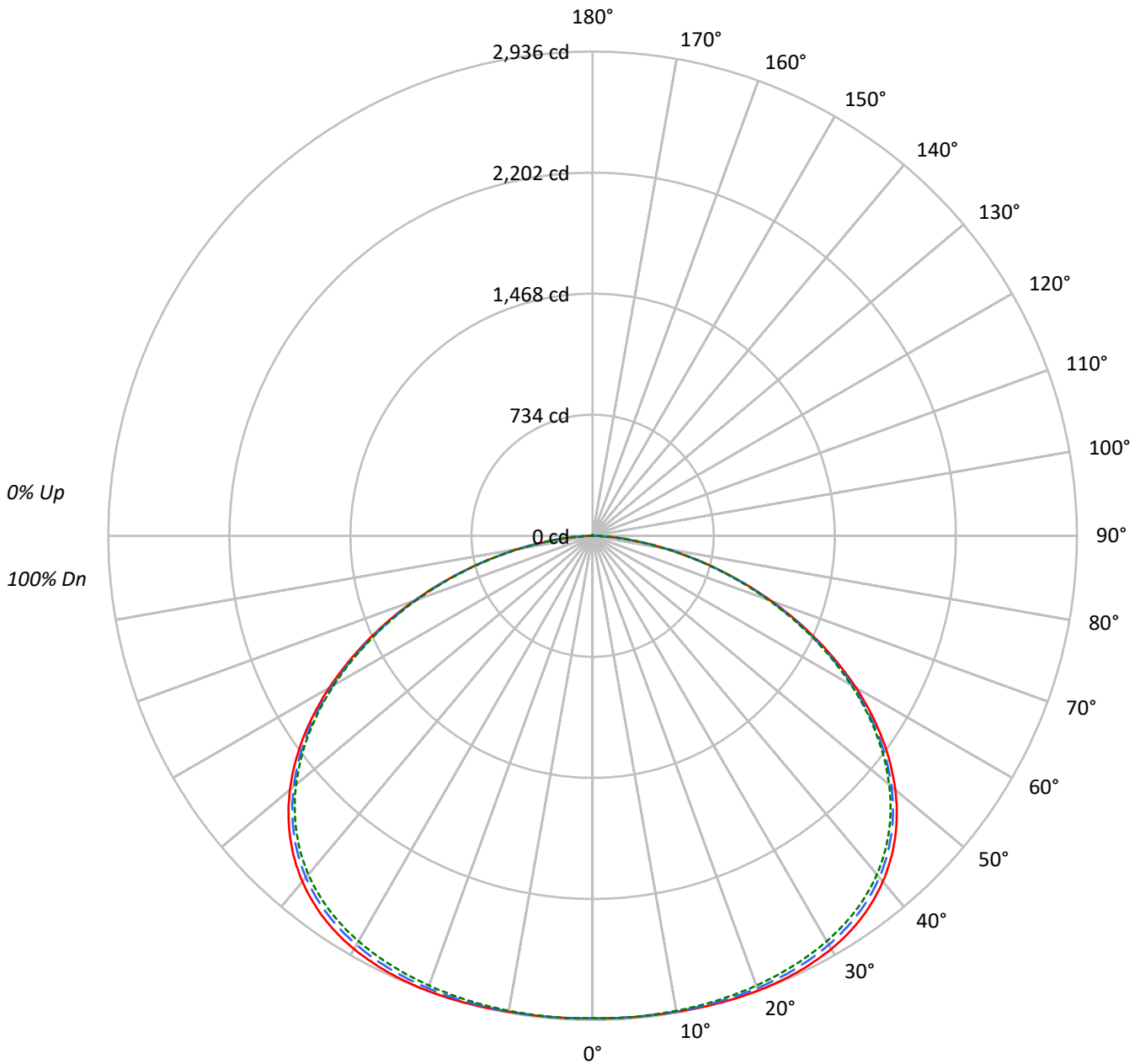
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10595.0 lumens  
Efficiency: N/A  
Efficacy: 133.4 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

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### Luminous Intensity Polar Plot





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

RF	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								
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°	2089	2089	2089
5°	2099	2099	2098
10°	2125	2123	2120
15°	2169	2164	2156
20°	2229	2218	2205
25°	2303	2285	2267
30°	2385	2361	2340
35°	2470	2442	2420
40°	2551	2520	2499
45°	2618	2585	2564
50°	2660	2628	2606
55°	2668	2635	2616
60°	2633	2600	2585
65°	2547	2518	2506
70°	2401	2376	2364
75°	2175	2161	2151
80°	1850	1857	1837
85°	1379	1412	1410



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	279.6	2.6
10°-20°	829.3	7.8
20°-30°	1340.6	12.7
30°-40°	1756.0	16.6
40°-50°	1975.1	18.6
50°-60°	1890.0	17.8
60°-70°	1474.1	13.9
70°-80°	830.7	7.8
80°-90°	205.6	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°	1.6	0.0
150°-160°	1.2	0.0
160°-170°	0.8	0.0
170°-180°	0.3	0.0
0°-30°	2449.6	23.1
0°-40°	4205.5	39.7
0°-60°	8070.7	76.2
0°-90°	10581.0	99.9
90°-120°	4.1	0.0
90°-150°	11.7	0.1
90°-180°	14.0	0.1
0°-180°	10595.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2926	2926	2926	2926	2926	
5°	2929	2930	2929	2929	2928	280
15°	2935	2935	2928	2921	2918	832
25°	2923	2918	2900	2884	2878	1351
35°	2835	2825	2802	2785	2777	1775
45°	2593	2581	2561	2548	2539	1997
55°	2144	2132	2117	2108	2102	1911
65°	1508	1502	1491	1487	1484	1489
75°	789	789	784	782	780	836
85°	168	170	172	174	172	195
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	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	3	3	0
180°	3	3	3	3	3	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2926.0	2926.0	2926.0	2926.0	2926.0
0.5°	2925.3	2927.5	2928.2	2927.5	2926.0
1°	2926.0	2927.5	2928.2	2928.2	2926.7
1.5°	2926.7	2928.2	2928.2	2928.2	2927.5
2°	2926.7	2928.2	2928.2	2928.9	2927.5
2.5°	2927.5	2928.9	2928.9	2928.9	2927.5
3°	2928.2	2928.9	2928.9	2928.9	2928.2
3.5°	2928.2	2928.9	2928.9	2928.9	2928.2
4°	2928.9	2928.9	2928.9	2928.9	2928.2
4.5°	2928.9	2929.6	2928.9	2928.9	2928.2
5°	2928.9	2929.6	2928.9	2928.9	2928.2
5.5°	2928.9	2929.6	2928.9	2928.9	2928.2
6°	2929.6	2929.6	2928.9	2928.9	2927.5
6.5°	2929.6	2930.3	2929.6	2928.9	2927.5
7°	2929.6	2930.3	2928.9	2928.9	2927.5
7.5°	2929.6	2930.3	2928.9	2928.2	2926.7
8°	2930.3	2930.3	2929.6	2928.2	2926.7
8.5°	2930.3	2931.0	2928.9	2928.2	2926.0
9°	2931.0	2931.0	2929.6	2927.5	2926.0
9.5°	2931.0	2931.7	2928.9	2927.5	2925.3
10°	2931.7	2931.7	2928.9	2926.7	2924.6
10.5°	2932.5	2932.5	2928.9	2926.7	2924.6
11°	2932.5	2932.5	2928.9	2926.0	2923.9
11.5°	2933.2	2933.2	2928.9	2925.3	2923.2
12°	2933.2	2933.2	2928.9	2925.3	2922.5
12.5°	2933.9	2933.2	2928.2	2924.6	2921.7
13°	2933.9	2933.2	2928.2	2923.9	2921.0
13.5°	2934.6	2933.9	2928.2	2923.2	2920.3
14°	2934.6	2933.9	2928.2	2922.5	2918.9
14.5°	2935.3	2933.9	2927.5	2921.7	2918.2
15°	2935.3	2934.6	2927.5	2921.0	2917.5
15.5°	2936.0	2934.6	2926.7	2919.6	2916.0
16°	2935.3	2934.6	2926.0	2918.9	2914.6
16.5°	2936.0	2934.6	2926.0	2917.5	2913.2
17°	2936.0	2933.9	2925.3	2916.0	2912.5
17.5°	2936.0	2933.9	2923.9	2915.3	2911.0
18°	2936.0	2933.9	2923.2	2913.9	2908.9
18.5°	2936.0	2933.2	2922.5	2912.5	2907.5
19°	2935.3	2933.2	2921.7	2911.0	2906.0
19.5°	2935.3	2932.5	2920.3	2908.9	2903.9
20°	2934.6	2931.7	2918.9	2907.5	2902.5
20.5°	2933.9	2931.0	2918.2	2906.0	2900.3
21°	2933.9	2930.3	2916.8	2903.9	2898.2



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	2931.0	2926.7	2911.8	2897.5	2891.1
23°	2929.6	2925.3	2909.6	2895.3	2888.9
23.5°	2928.2	2923.9	2907.5	2892.5	2886.1
24°	2926.7	2922.5	2905.3	2889.6	2883.2
24.5°	2925.3	2920.3	2903.2	2886.8	2880.4
25°	2923.2	2918.2	2900.3	2883.9	2877.5
25.5°	2921.0	2916.0	2897.5	2881.1	2873.9
26°	2918.9	2913.9	2894.6	2878.2	2871.1
26.5°	2916.8	2911.0	2891.8	2874.6	2867.5
27°	2913.9	2908.2	2888.2	2871.1	2863.9
27.5°	2911.0	2905.3	2884.6	2867.5	2860.4
28°	2908.2	2901.8	2881.1	2863.9	2856.8
28.5°	2904.6	2898.2	2877.5	2859.7	2852.5
29°	2901.1	2894.6	2873.2	2855.4	2848.2
29.5°	2897.5	2890.3	2868.9	2851.1	2843.2
30°	2893.2	2886.1	2863.9	2846.1	2838.3
30.5°	2888.9	2881.8	2858.9	2841.1	2834.0
31°	2883.9	2876.8	2854.0	2836.1	2828.3
31.5°	2879.6	2871.8	2848.2	2831.1	2823.3
32°	2873.9	2866.1	2843.2	2825.4	2817.6
32.5°	2868.2	2860.4	2836.8	2819.0	2811.1
33°	2862.5	2854.0	2830.4	2813.3	2804.7
33.5°	2856.1	2847.5	2824.0	2806.8	2798.3
34°	2849.0	2840.4	2816.8	2799.7	2791.9
34.5°	2841.8	2833.3	2809.7	2792.6	2784.7
35°	2834.7	2825.4	2801.9	2784.7	2776.9
35.5°	2826.8	2817.6	2794.0	2776.9	2769.0
36°	2819.0	2809.0	2785.4	2769.0	2760.5
36.5°	2809.7	2800.4	2776.9	2760.5	2752.6
37°	2800.4	2791.1	2767.6	2751.2	2743.3
37.5°	2791.1	2781.2	2758.3	2741.9	2733.3
38°	2781.2	2771.9	2748.3	2732.6	2724.1
38.5°	2771.2	2761.2	2737.6	2721.9	2714.1
39°	2760.5	2749.8	2726.9	2711.9	2703.4
39.5°	2749.0	2738.3	2716.2	2700.5	2692.7
40°	2736.9	2726.9	2704.1	2689.1	2681.2
40.5°	2725.5	2714.8	2691.9	2677.7	2669.1
41°	2712.6	2701.9	2679.8	2664.8	2656.3
41.5°	2699.1	2688.4	2666.3	2652.0	2643.4
42°	2685.5	2674.8	2652.7	2639.1	2629.9
42.5°	2671.3	2660.5	2638.4	2624.9	2616.3
43°	2657.0	2645.6	2624.2	2610.6	2602.0
43.5°	2642.0	2630.6	2609.2	2595.6	2587.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2592.7	2581.3	2560.6	2548.5	2539.2
45.5°	2575.6	2563.5	2543.5	2531.4	2522.8
46°	2557.8	2545.6	2525.7	2513.5	2505.0
46.5°	2539.2	2527.1	2507.8	2495.7	2487.1
47°	2520.0	2508.5	2488.6	2477.8	2468.6
47.5°	2500.7	2488.6	2469.3	2458.6	2449.3
48°	2481.4	2468.6	2450.0	2438.6	2429.3
48.5°	2460.7	2448.6	2430.0	2419.3	2410.8
49°	2438.6	2427.2	2408.6	2397.2	2389.4
49.5°	2417.2	2405.8	2387.2	2376.5	2367.9
50°	2395.1	2382.9	2365.8	2355.1	2346.5
50.5°	2372.2	2360.1	2343.0	2332.3	2324.4
51°	2349.4	2337.3	2320.1	2309.4	2300.9
51.5°	2325.1	2313.0	2295.9	2285.9	2278.0
52°	2300.9	2288.7	2271.6	2262.3	2254.5
52.5°	2276.6	2264.5	2247.3	2237.3	2230.2
53°	2250.2	2238.8	2223.1	2213.8	2205.9
53.5°	2223.8	2212.4	2196.7	2187.4	2180.3
54°	2197.4	2186.0	2170.3	2161.0	2154.6
54.5°	2171.7	2159.6	2144.6	2135.3	2128.9
55°	2143.9	2132.4	2117.4	2108.2	2101.7
55.5°	2116.0	2104.6	2089.6	2080.3	2074.6
56°	2086.8	2076.1	2061.1	2053.2	2047.5
56.5°	2057.5	2047.5	2032.5	2024.7	2019.0
57°	2029.0	2018.2	2004.0	1996.8	1991.1
57.5°	2000.4	1989.0	1974.7	1967.6	1961.9
58°	1969.0	1958.3	1944.7	1937.6	1932.6
58.5°	1938.3	1928.3	1914.1	1907.6	1902.6
59°	1907.6	1897.6	1884.1	1877.7	1872.7
59.5°	1875.5	1866.2	1852.7	1846.3	1841.3
60°	1844.1	1834.1	1821.3	1815.6	1810.6
60.5°	1812.0	1803.4	1789.9	1784.2	1779.2
61°	1779.2	1770.6	1757.8	1752.1	1747.1
61.5°	1745.6	1738.5	1725.6	1719.9	1715.7
62°	1712.8	1705.7	1692.8	1687.8	1683.5
62.5°	1679.3	1672.1	1659.3	1654.3	1650.0
63°	1645.7	1638.6	1626.4	1621.4	1617.2
63.5°	1611.5	1604.3	1592.9	1587.9	1583.6
64°	1577.2	1570.1	1557.9	1554.4	1549.4
64.5°	1542.9	1535.8	1523.7	1520.1	1515.8
65°	1508.0	1502.3	1490.8	1486.6	1483.7
65.5°	1473.7	1466.6	1455.9	1452.3	1448.0
66°	1437.3	1431.6	1420.9	1417.3	1414.5





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1331.7	1325.3	1316.0	1312.4	1308.9
68°	1295.3	1289.6	1280.3	1277.5	1273.9
68.5°	1258.9	1253.2	1243.9	1241.8	1239.6
69°	1222.5	1216.8	1209.0	1206.8	1204.0
69.5°	1186.8	1181.1	1174.0	1171.8	1168.3
70°	1150.4	1145.4	1138.3	1136.2	1132.6
70.5°	1114.0	1109.0	1102.6	1100.5	1096.9
71°	1077.6	1073.4	1067.6	1064.8	1061.2
71.5°	1042.0	1037.7	1031.2	1029.1	1026.3
72°	1005.6	1002.0	995.6	994.1	990.6
72.5°	969.2	966.3	959.9	958.5	955.6
73°	932.8	929.9	923.5	922.1	919.9
73.5°	897.1	894.2	888.5	886.4	884.2
74°	861.4	859.3	853.5	852.1	849.3
74.5°	825.0	823.6	818.6	816.4	814.3
75°	788.6	788.6	783.6	782.2	780.0
75.5°	753.6	753.6	748.6	747.2	745.1
76°	718.7	718.7	713.7	712.3	709.5
76.5°	683.3	683.6	679.4	677.9	675.6
77°	649.5	649.8	646.0	644.1	641.7
77.5°	613.3	615.0	611.9	610.2	607.8
78°	579.6	581.7	578.5	577.1	575.1
78.5°	547.7	549.1	547.0	545.4	542.6
79°	514.4	515.5	514.1	512.7	510.0
79.5°	481.6	483.4	482.4	481.2	478.0
80°	450.1	451.4	451.6	449.7	446.8
80.5°	417.0	419.6	420.1	418.1	416.6
81°	386.4	388.9	389.6	388.4	386.5
81.5°	356.3	359.2	359.8	359.2	356.6
82°	326.1	329.6	330.7	330.2	327.4
82.5°	297.2	301.2	302.4	302.0	299.3
83°	269.3	273.6	274.7	275.0	272.6
83.5°	242.2	246.4	247.7	248.1	245.5
84°	216.2	220.0	221.7	222.4	220.2
84.5°	191.5	194.5	196.6	197.5	196.5
85°	168.3	170.4	172.4	173.6	172.1
85.5°	145.7	147.4	148.9	150.9	149.7
86°	124.7	126.5	127.5	129.0	129.0
86.5°	104.8	105.6	106.3	108.2	108.2
87°	85.6	85.7	86.0	88.4	88.4
87.5°	66.1	66.7	66.9	69.0	69.7
88°	46.6	48.2	48.7	50.6	50.5
88.5°	33.0	33.0	32.9	34.8	35.3



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.6	1.5	1.6	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	0.4
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°	0.6	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	0.9
97.5°	0.9	0.7	0.7	0.6	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°	1.1	0.9	1.0	0.9	1.0
102.5°	1.0	0.9	0.9	1.0	1.0
103°	1.0	0.9	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	1.1	1.1	1.1	1.0
105°	1.3	1.1	1.1	1.2	1.2
105.5°	1.2	1.0	1.1	1.1	1.1
106°	1.1	1.1	1.2	1.2	1.3
106.5°	1.3	1.1	1.2	1.1	1.1
107°	1.2	1.2	1.3	1.3	1.1
107.5°	1.4	1.2	1.3	1.4	1.3
108°	1.4	1.2	1.1	1.4	1.2
108.5°	1.4	1.4	1.4	1.3	1.2
109°	1.4	1.4	1.4	1.4	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	1.6
111°	1.5	1.6	1.6	1.6	1.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L840-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.7	1.8	1.9	1.8	1.6
113°	1.9	1.7	1.7	1.8	1.8
113.5°	1.9	1.9	1.9	2.0	2.0
114°	2.0	2.0	2.1	2.1	2.0
114.5°	2.1	2.1	2.1	2.1	1.9
115°	2.1	2.1	2.1	2.1	2.1
115.5°	2.4	2.1	2.3	2.2	2.1
116°	2.3	2.4	2.4	2.3	2.2
116.5°	2.4	2.4	2.4	2.4	2.4
117°	2.6	2.6	2.6	2.6	2.3
117.5°	2.7	2.6	2.6	2.6	2.4
118°	2.7	2.6	2.8	2.6	2.5
118.5°	2.9	2.8	2.8	2.7	2.6
119°	2.9	2.9	3.0	2.8	2.8
119.5°	3.0	3.0	3.0	2.9	2.9
120°	3.1	3.1	3.1	3.0	3.1
120.5°	3.2	3.1	3.2	3.1	3.1
121°	3.2	3.2	3.2	3.2	3.1
121.5°	3.6	3.4	3.4	3.2	3.2
122°	3.4	3.6	3.4	3.4	3.4
122.5°	3.6	3.6	3.5	3.5	3.4
123°	3.7	3.7	3.6	3.6	3.5
123.5°	3.7	3.9	3.6	3.5	3.6
124°	3.8	3.9	3.8	3.6	3.6
124.5°	4.0	3.9	3.8	3.7	3.7
125°	4.1	4.0	3.9	3.9	3.9
125.5°	4.1	4.1	3.9	3.9	3.9
126°	4.1	4.0	3.9	3.9	3.9
126.5°	4.0	4.1	4.1	3.9	4.0
127°	4.1	4.1	4.0	3.9	3.9
127.5°	4.3	4.2	4.1	3.9	3.9
128°	4.3	4.1	4.1	3.9	4.0
128.5°	4.1	4.1	4.0	3.9	4.0
129°	4.1	4.1	4.0	3.9	3.9
129.5°	4.0	4.1	4.0	3.9	3.9
130°	4.0	4.1	3.9	3.8	3.9
130.5°	4.1	4.0	4.0	3.6	3.9
131°	3.9	3.9	3.9	3.7	3.8
131.5°	4.0	3.9	3.7	3.6	3.7
132°	3.9	3.8	3.8	3.6	3.6
132.5°	3.9	3.8	3.7	3.6	3.7
133°	3.8	3.6	3.6	3.4	3.6
133.5°	3.9	3.6	3.5	3.4	3.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L840-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	3.7	3.5	3.4	3.3	3.6
135.5°	3.5	3.6	3.4	3.2	3.4
136°	3.4	3.4	3.2	3.1	3.4
136.5°	3.5	3.4	3.2	3.1	3.4
137°	3.4	3.3	3.2	3.1	3.3
137.5°	3.4	3.2	3.1	2.9	3.1
138°	3.3	3.1	3.0	2.9	3.1
138.5°	3.4	3.1	3.1	2.9	3.1
139°	2.9	3.1	3.0	2.7	3.1
139.5°	3.1	2.9	2.9	2.8	3.1
140°	3.1	2.9	2.9	2.7	2.9
140.5°	3.1	2.9	2.9	2.7	2.9
141°	2.9	2.9	2.8	2.6	2.7
141.5°	2.7	2.9	2.9	2.6	2.7
142°	2.6	2.6	2.8	2.6	2.5
142.5°	2.6	2.8	2.7	2.6	2.5
143°	2.8	2.7	2.7	2.6	2.5
143.5°	2.8	2.7	2.7	2.5	2.5
144°	2.8	2.6	2.8	2.4	2.6
144.5°	2.6	2.6	2.6	2.5	2.6
145°	2.7	2.6	2.6	2.4	2.6
145.5°	2.6	2.5	2.6	2.4	2.7
146°	2.6	2.5	2.4	2.4	2.6
146.5°	2.7	2.5	2.4	2.4	2.6
147°	2.6	2.5	2.4	2.4	2.4
147.5°	2.6	2.5	2.4	2.4	2.6
148°	2.6	2.5	2.4	2.4	2.6
148.5°	2.7	2.6	2.4	2.4	2.6
149°	2.6	2.5	2.4	2.4	2.6
149.5°	2.8	2.4	2.4	2.4	2.7
150°	2.7	2.6	2.4	2.4	2.6
150.5°	2.6	2.5	2.4	2.4	2.6
151°	2.8	2.5	2.4	2.4	2.8
151.5°	2.7	2.6	2.4	2.4	2.8
152°	2.8	2.6	2.5	2.6	2.6
152.5°	2.8	2.6	2.4	2.5	2.8
153°	2.7	2.6	2.5	2.6	2.9
153.5°	2.9	2.6	2.4	2.6	2.8
154°	2.8	2.6	2.6	2.6	2.8
154.5°	2.8	2.6	2.6	2.7	2.9
155°	2.6	2.6	2.6	2.7	2.9
155.5°	2.8	2.6	2.6	2.6	2.9
156°	2.6	2.6	2.6	2.6	2.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L840-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	2.6	2.5	2.6	2.7	2.8
158°	2.9	2.6	2.6	2.6	2.9
158.5°	2.7	2.6	2.5	2.6	2.8
159°	2.8	2.6	2.6	2.6	2.9
159.5°	2.7	2.6	2.6	2.6	3.0
160°	2.7	2.6	2.5	2.6	2.9
160.5°	2.6	2.6	2.6	2.7	2.9
161°	2.6	2.6	2.6	2.7	2.9
161.5°	2.7	2.6	2.6	2.6	2.7
162°	2.6	2.6	2.6	2.7	2.7
162.5°	2.8	2.7	2.6	2.6	2.8
163°	2.8	2.6	2.7	2.7	2.7
163.5°	2.7	2.6	2.7	2.7	2.9
164°	2.6	2.7	2.6	2.9	2.9
164.5°	2.6	2.8	2.7	2.9	2.9
165°	2.6	2.6	2.6	2.8	2.9
165.5°	2.5	2.6	2.6	3.0	2.9
166°	2.7	2.7	2.6	2.9	2.8
166.5°	2.7	2.6	2.6	2.9	2.6
167°	2.6	2.9	2.6	3.0	2.9
167.5°	2.7	2.9	2.7	3.1	2.9
168°	2.8	2.8	2.6	3.0	2.9
168.5°	2.7	2.9	2.8	3.2	2.9
169°	2.9	2.9	2.6	3.2	2.9
169.5°	2.9	2.9	2.7	3.1	3.0
170°	2.9	2.9	2.8	3.2	2.9
170.5°	2.9	3.0	2.8	3.2	3.1
171°	2.9	2.9	2.9	3.2	3.1
171.5°	2.9	2.9	2.9	3.3	3.0
172°	2.9	2.9	3.0	3.3	3.1
172.5°	3.0	3.0	3.1	3.3	3.1
173°	2.9	2.9	3.1	3.3	3.1
173.5°	3.1	3.0	3.1	3.2	3.2
174°	3.1	3.1	3.4	3.3	3.1
174.5°	3.1	3.3	3.3	3.4	3.3
175°	3.4	3.3	3.4	3.4	3.2
175.5°	3.4	3.3	3.5	3.4	3.4
176°	3.5	3.4	3.4	3.3	3.3
176.5°	3.6	3.4	3.4	3.1	3.3
177°	3.4	3.4	3.2	3.1	3.3
177.5°	3.5	3.4	3.1	3.1	3.4
178°	3.3	3.2	3.1	3.1	3.1
178.5°	3.2	3.1	3.0	3.0	3.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L840-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°	2933.2	2929.6	2915.3	2901.8	2896.1
22°	2931.7	2928.2	2913.2	2899.6	2893.9



44°	2625.6	2614.9	2593.5	2580.6	2572.1
44.5°	2609.2	2597.7	2577.8	2564.2	2555.6



66.5°	1402.4	1396.6	1385.9	1382.4	1378.8
67°	1367.4	1361.0	1351.0	1347.4	1344.5



89°	20.8	20.5	20.3	21.3	21.6
89.5°	9.2	9.3	9.1	9.8	9.6



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





134°	3.6	3.6	3.5	3.4	3.6
134.5°	3.7	3.5	3.5	3.3	3.4



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



179°	3.1	3.0	2.9	2.9	3.1
179.5°	2.7	2.9	2.8	2.7	2.9



(END OF REPORT)