

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-110-L830-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-110-L830-CFD2  
Description: 11000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS  
AND 3000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No. Condition Description

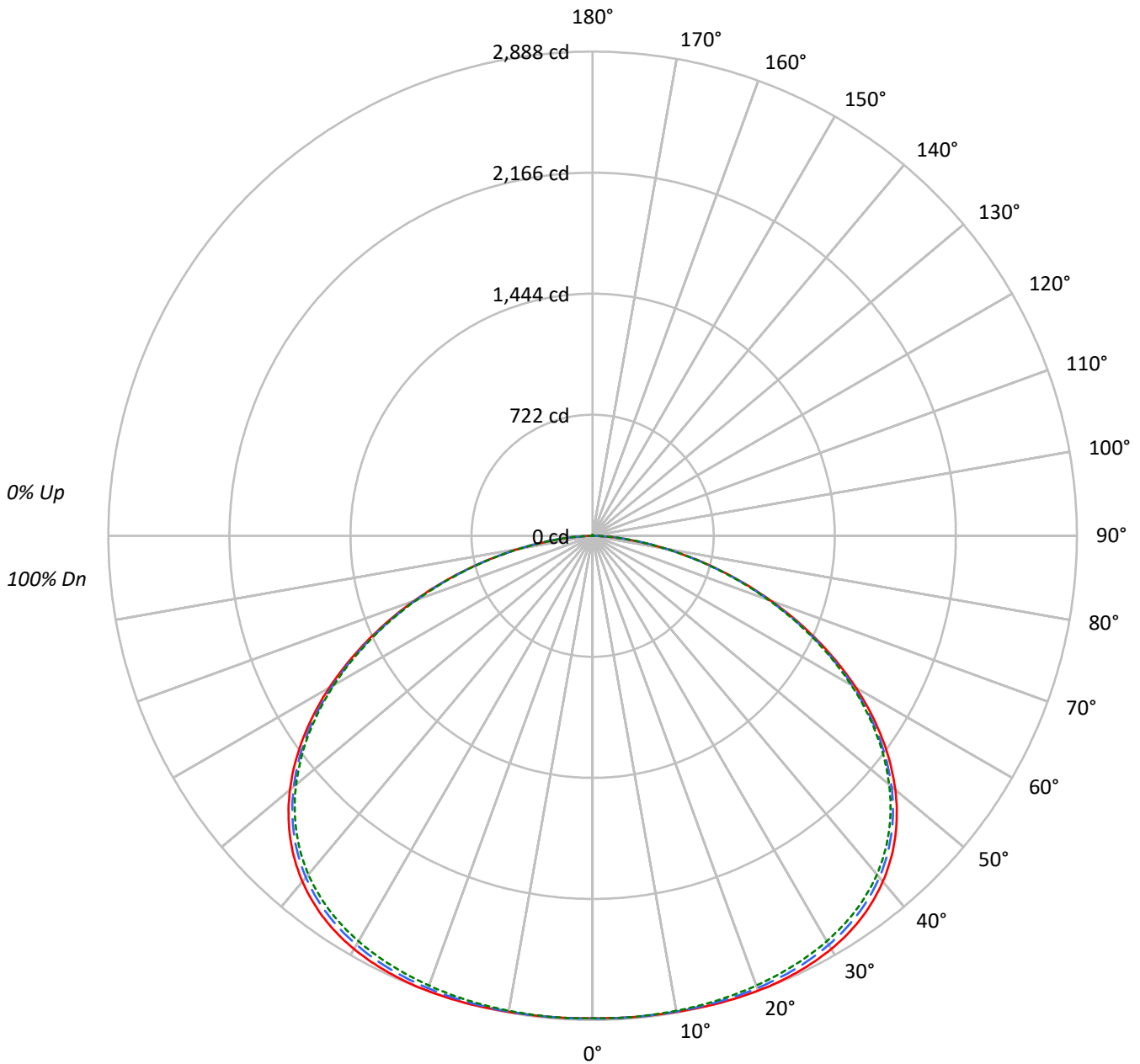
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10422.0 lumens  
Efficiency: N/A  
Efficacy: 120.3 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): 86.6  
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									
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°	2055	2055	2055
5°	2057	2054	2056
10°	2075	2066	2070
15°	2110	2094	2097
20°	2159	2134	2136
25°	2221	2185	2186
30°	2289	2244	2246
35°	2359	2304	2311
40°	2422	2359	2373
45°	2469	2397	2418
50°	2489	2410	2439
55°	2473	2386	2425
60°	2411	2315	2367
65°	2295	2192	2258
70°	2113	2003	2080
75°	1844	1733	1824
80°	1464	1359	1453
85°	909	820	930



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	275.0	2.6
10°-20°	815.8	7.8
20°-30°	1318.8	12.7
30°-40°	1727.3	16.6
40°-50°	1942.9	18.6
50°-60°	1859.1	17.8
60°-70°	1450.0	13.9
70°-80°	817.1	7.8
80°-90°	202.2	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°	2409.6	23.1
0°-40°	4136.9	39.7
0°-60°	7938.9	76.2
0°-90°	10408.2	99.9
90°-120°	4.0	0.0
90°-150°	11.5	0.1
90°-180°	14.0	0.1
0°-180°	10422.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2878	2878	2878	2878	2878	
5°	2881	2882	2881	2881	2880	275
15°	2887	2887	2880	2873	2870	818
25°	2875	2870	2853	2837	2830	1329
35°	2788	2779	2756	2739	2732	1746
45°	2550	2539	2519	2507	2498	1965
55°	2109	2098	2083	2074	2067	1880
65°	1483	1478	1466	1462	1460	1464
75°	776	776	771	769	767	822
85°	166	168	170	171	169	192
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	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2878.3	2878.3	2878.3	2878.3	2878.3
0.5°	2877.6	2879.7	2880.4	2879.7	2878.3
1°	2878.3	2879.7	2880.4	2880.4	2879.0
1.5°	2879.0	2880.4	2880.4	2880.4	2879.7
2°	2879.0	2880.4	2880.4	2881.1	2879.7
2.5°	2879.7	2881.1	2881.1	2881.1	2879.7
3°	2880.4	2881.1	2881.1	2881.1	2880.4
3.5°	2880.4	2881.1	2881.1	2881.1	2880.4
4°	2881.1	2881.1	2881.1	2881.1	2880.4
4.5°	2881.1	2881.8	2881.1	2881.1	2880.4
5°	2881.1	2881.8	2881.1	2881.1	2880.4
5.5°	2881.1	2881.8	2881.1	2881.1	2880.4
6°	2881.8	2881.8	2881.1	2881.1	2879.7
6.5°	2881.8	2882.5	2881.8	2881.1	2879.7
7°	2881.8	2882.5	2881.1	2881.1	2879.7
7.5°	2881.8	2882.5	2881.1	2880.4	2879.0
8°	2882.5	2882.5	2881.8	2880.4	2879.0
8.5°	2882.5	2883.2	2881.1	2880.4	2878.3
9°	2883.2	2883.2	2881.8	2879.7	2878.3
9.5°	2883.2	2883.9	2881.1	2879.7	2877.6
10°	2883.9	2883.9	2881.1	2879.0	2876.8
10.5°	2884.6	2884.6	2881.1	2879.0	2876.8
11°	2884.6	2884.6	2881.1	2878.3	2876.1
11.5°	2885.3	2885.3	2881.1	2877.6	2875.4
12°	2885.3	2885.3	2881.1	2877.6	2874.7
12.5°	2886.0	2885.3	2880.4	2876.8	2874.0
13°	2886.0	2885.3	2880.4	2876.1	2873.3
13.5°	2886.7	2886.0	2880.4	2875.4	2872.6
14°	2886.7	2886.0	2880.4	2874.7	2871.2
14.5°	2887.4	2886.0	2879.7	2874.0	2870.5
15°	2887.4	2886.7	2879.7	2873.3	2869.8
15.5°	2888.1	2886.7	2879.0	2871.9	2868.4
16°	2887.4	2886.7	2878.3	2871.2	2867.0
16.5°	2888.1	2886.7	2878.3	2869.8	2865.6
17°	2888.1	2886.0	2877.6	2868.4	2864.9
17.5°	2888.1	2886.0	2876.1	2867.7	2863.5
18°	2888.1	2886.0	2875.4	2866.3	2861.4
18.5°	2888.1	2885.3	2874.7	2864.9	2860.0
19°	2887.4	2885.3	2874.0	2863.5	2858.6
19.5°	2887.4	2884.6	2872.6	2861.4	2856.5
20°	2886.7	2883.9	2871.2	2860.0	2855.1
20.5°	2886.0	2883.2	2870.5	2858.6	2853.0
21°	2886.0	2882.5	2869.1	2856.5	2850.9



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	2883.2	2879.0	2864.2	2850.2	2843.9
23°	2881.8	2877.6	2862.1	2848.1	2841.7
23.5°	2880.4	2876.1	2860.0	2845.3	2838.9
24°	2879.0	2874.7	2857.9	2842.5	2836.1
24.5°	2877.6	2872.6	2855.8	2839.6	2833.3
25°	2875.4	2870.5	2853.0	2836.8	2830.5
25.5°	2873.3	2868.4	2850.2	2834.0	2827.0
26°	2871.2	2866.3	2847.4	2831.2	2824.2
26.5°	2869.1	2863.5	2844.6	2827.7	2820.7
27°	2866.3	2860.7	2841.0	2824.2	2817.2
27.5°	2863.5	2857.9	2837.5	2820.7	2813.7
28°	2860.7	2854.4	2834.0	2817.2	2810.2
28.5°	2857.2	2850.9	2830.5	2813.0	2805.9
29°	2853.7	2847.4	2826.3	2808.8	2801.7
29.5°	2850.2	2843.2	2822.1	2804.5	2796.8
30°	2846.0	2838.9	2817.2	2799.6	2791.9
30.5°	2841.7	2834.7	2812.3	2794.7	2787.7
31°	2836.8	2829.8	2807.4	2789.8	2782.1
31.5°	2832.6	2824.9	2801.7	2784.9	2777.2
32°	2827.0	2819.3	2796.8	2779.3	2771.5
32.5°	2821.4	2813.7	2790.5	2773.0	2765.2
33°	2815.8	2807.4	2784.2	2767.3	2758.9
33.5°	2809.5	2801.0	2777.9	2761.0	2752.6
34°	2802.4	2794.0	2770.8	2754.0	2746.3
34.5°	2795.4	2787.0	2763.8	2747.0	2739.3
35°	2788.4	2779.3	2756.1	2739.3	2731.5
35.5°	2780.7	2771.5	2748.4	2731.5	2723.8
36°	2773.0	2763.1	2740.0	2723.8	2715.4
36.5°	2763.8	2754.7	2731.5	2715.4	2707.7
37°	2754.7	2745.6	2722.4	2706.3	2698.5
37.5°	2745.6	2735.7	2713.3	2697.1	2688.7
38°	2735.7	2726.6	2703.5	2688.0	2679.6
38.5°	2725.9	2716.1	2692.9	2677.5	2669.8
39°	2715.4	2704.9	2682.4	2667.6	2659.2
39.5°	2704.2	2693.6	2671.9	2656.4	2648.7
40°	2692.2	2682.4	2659.9	2645.2	2637.5
40.5°	2681.0	2670.5	2648.0	2634.0	2625.5
41°	2668.4	2657.8	2636.1	2621.3	2612.9
41.5°	2655.0	2644.5	2622.7	2608.7	2600.3
42°	2641.7	2631.1	2609.4	2596.0	2586.9
42.5°	2627.6	2617.1	2595.3	2582.0	2573.6
43°	2613.6	2602.4	2581.3	2568.0	2559.5
43.5°	2598.9	2587.6	2566.6	2553.2	2544.8



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2550.4	2539.2	2518.8	2506.9	2497.8
45.5°	2533.6	2521.6	2502.0	2490.0	2481.6
46°	2516.0	2504.1	2484.4	2472.5	2464.1
46.5°	2497.8	2485.8	2466.9	2454.9	2446.5
47°	2478.8	2467.6	2447.9	2437.4	2428.3
47.5°	2459.9	2447.9	2429.0	2418.4	2409.3
48°	2440.9	2428.3	2410.0	2398.8	2389.7
48.5°	2420.5	2408.6	2390.4	2379.8	2371.4
49°	2398.8	2387.5	2369.3	2358.1	2350.3
49.5°	2377.7	2366.5	2348.2	2337.7	2329.3
50°	2356.0	2344.0	2327.2	2316.6	2308.2
50.5°	2333.5	2321.6	2304.7	2294.2	2286.5
51°	2311.0	2299.1	2282.2	2271.7	2263.3
51.5°	2287.2	2275.2	2258.4	2248.5	2240.8
52°	2263.3	2251.4	2234.5	2225.4	2217.7
52.5°	2239.4	2227.5	2210.6	2200.8	2193.8
53°	2213.4	2202.2	2186.8	2177.6	2169.9
53.5°	2187.5	2176.2	2160.8	2151.7	2144.7
54°	2161.5	2150.3	2134.8	2125.7	2119.4
54.5°	2136.2	2124.3	2109.5	2100.4	2094.1
55°	2108.8	2097.6	2082.9	2073.7	2067.4
55.5°	2081.5	2070.2	2055.5	2046.4	2040.8
56°	2052.7	2042.2	2027.4	2019.7	2014.1
56.5°	2023.9	2014.1	1999.3	1991.6	1986.0
57°	1995.8	1985.3	1971.3	1964.2	1958.6
57.5°	1967.7	1956.5	1942.5	1935.5	1929.8
58°	1936.9	1926.3	1913.0	1906.0	1901.1
58.5°	1906.7	1896.8	1882.8	1876.5	1871.6
59°	1876.5	1866.7	1853.3	1847.0	1842.1
59.5°	1844.9	1835.8	1822.4	1816.1	1811.2
60°	1814.0	1804.2	1791.5	1785.9	1781.0
60.5°	1782.4	1774.0	1760.6	1755.0	1750.1
61°	1750.1	1741.7	1729.1	1723.4	1718.5
61.5°	1717.1	1710.1	1697.5	1691.9	1687.6
62°	1684.8	1677.8	1665.2	1660.3	1656.0
62.5°	1651.8	1644.8	1632.2	1627.3	1623.1
63°	1618.8	1611.8	1599.9	1595.0	1590.8
63.5°	1585.1	1578.1	1566.9	1562.0	1557.8
64°	1551.4	1544.4	1532.5	1529.0	1524.1
64.5°	1517.8	1510.7	1498.8	1495.3	1491.1
65°	1483.4	1477.7	1466.5	1462.3	1459.5
65.5°	1449.7	1442.6	1432.1	1428.6	1424.4
66°	1413.9	1408.2	1397.7	1394.2	1391.4





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1310.0	1303.6	1294.5	1291.0	1287.5
68°	1274.2	1268.5	1259.4	1256.6	1253.1
68.5°	1238.4	1232.7	1223.6	1221.5	1219.4
69°	1202.5	1196.9	1189.2	1187.1	1184.3
69.5°	1167.4	1161.8	1154.8	1152.7	1149.2
70°	1131.6	1126.7	1119.7	1117.6	1114.1
70.5°	1095.8	1090.9	1084.6	1082.5	1079.0
71°	1060.0	1055.8	1050.2	1047.4	1043.9
71.5°	1024.9	1020.7	1014.4	1012.3	1009.5
72°	989.1	985.6	979.3	977.9	974.4
72.5°	953.3	950.5	944.2	942.8	940.0
73°	917.5	914.7	908.4	907.0	904.9
73.5°	882.4	879.6	874.0	871.9	869.8
74°	847.3	845.2	839.6	838.2	835.4
74.5°	811.5	810.1	805.2	803.1	801.0
75°	775.7	775.7	770.8	769.4	767.3
75.5°	741.3	741.3	736.4	735.0	732.9
76°	706.9	706.9	702.0	700.7	697.9
76.5°	672.2	672.5	668.3	666.8	664.5
77°	638.9	639.2	635.5	633.6	631.3
77.5°	603.3	605.0	601.9	600.2	597.9
78°	570.1	572.2	569.1	567.7	565.8
78.5°	538.8	540.1	538.1	536.5	533.7
79°	506.0	507.1	505.7	504.3	501.7
79.5°	473.7	475.5	474.6	473.3	470.2
80°	442.8	444.0	444.2	442.3	439.5
80.5°	410.2	412.8	413.2	411.3	409.8
81°	380.1	382.5	383.2	382.1	380.1
81.5°	350.4	353.3	354.0	353.3	350.8
82°	320.7	324.3	325.3	324.8	322.0
82.5°	292.4	296.3	297.4	297.0	294.4
83°	264.9	269.2	270.2	270.6	268.2
83.5°	238.3	242.3	243.7	244.1	241.5
84°	212.7	216.4	218.0	218.7	216.6
84.5°	188.4	191.4	193.4	194.3	193.3
85°	165.5	167.6	169.5	170.8	169.3
85.5°	143.4	145.0	146.4	148.4	147.2
86°	122.7	124.4	125.4	126.9	126.9
86.5°	103.1	103.8	104.6	106.4	106.4
87°	84.2	84.3	84.6	86.9	87.0
87.5°	65.0	65.6	65.8	67.9	68.6
88°	45.8	47.5	47.9	49.8	49.6
88.5°	32.4	32.4	32.4	34.3	34.7



TEST NUMBER: P#

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**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	0.4
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	0.8
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°	1.1	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°	1.1	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°	1.3	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-110-L830-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.7	1.8	1.8	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	2.0	2.0	2.0
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°	2.7	2.5	2.6	2.5	2.4
118°	2.7	2.6	2.7	2.6	2.5
118.5°	2.9	2.7	2.7	2.7	2.6
119°	2.9	2.9	2.9	2.7	2.7
119.5°	2.9	2.9	2.9	2.9	2.8
120°	3.1	3.1	3.0	2.9	3.0
120.5°	3.2	3.0	3.2	3.1	3.0
121°	3.2	3.2	3.2	3.2	3.0
121.5°	3.5	3.4	3.3	3.2	3.2
122°	3.3	3.5	3.4	3.3	3.4
122.5°	3.6	3.5	3.4	3.4	3.3
123°	3.7	3.7	3.5	3.5	3.4
123.5°	3.7	3.8	3.6	3.4	3.6
124°	3.7	3.8	3.7	3.6	3.6
124.5°	3.9	3.8	3.7	3.7	3.7
125°	4.1	3.9	3.9	3.8	3.8
125.5°	4.1	4.0	3.9	3.8	3.9
126°	4.1	3.9	3.9	3.9	3.8
126.5°	3.9	4.0	4.1	3.9	3.9
127°	4.1	4.1	3.9	3.9	3.8
127.5°	4.2	4.1	4.1	3.9	3.8
128°	4.2	4.0	4.0	3.9	3.9
128.5°	4.1	4.1	3.9	3.8	3.9
129°	4.0	4.0	3.9	3.9	3.8
129.5°	3.9	4.0	3.9	3.9	3.9
130°	3.9	4.0	3.9	3.7	3.8
130.5°	4.1	3.9	3.9	3.6	3.8
131°	3.9	3.9	3.9	3.7	3.7
131.5°	3.9	3.8	3.7	3.6	3.7
132°	3.9	3.7	3.7	3.6	3.6
132.5°	3.9	3.7	3.7	3.6	3.7
133°	3.7	3.6	3.6	3.4	3.5
133.5°	3.8	3.6	3.4	3.3	3.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L830-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	3.7	3.4	3.3	3.2	3.5
135.5°	3.4	3.5	3.3	3.2	3.4
136°	3.4	3.3	3.2	3.0	3.4
136.5°	3.4	3.3	3.2	3.0	3.3
137°	3.4	3.2	3.2	3.0	3.2
137.5°	3.3	3.2	3.1	2.9	3.1
138°	3.2	3.1	2.9	2.9	3.1
138.5°	3.3	3.1	3.0	2.8	3.0
139°	2.9	3.0	2.9	2.7	3.1
139.5°	3.1	2.9	2.8	2.7	3.0
140°	3.0	2.8	2.9	2.7	2.8
140.5°	3.0	2.8	2.8	2.7	2.8
141°	2.9	2.8	2.7	2.5	2.7
141.5°	2.7	2.8	2.8	2.5	2.7
142°	2.6	2.6	2.7	2.6	2.5
142.5°	2.6	2.7	2.7	2.5	2.5
143°	2.7	2.7	2.7	2.6	2.5
143.5°	2.7	2.7	2.7	2.5	2.5
144°	2.7	2.5	2.7	2.4	2.5
144.5°	2.6	2.5	2.6	2.5	2.5
145°	2.7	2.5	2.6	2.3	2.5
145.5°	2.6	2.5	2.5	2.3	2.7
146°	2.6	2.5	2.4	2.3	2.5
146.5°	2.7	2.5	2.4	2.3	2.5
147°	2.6	2.5	2.3	2.4	2.4
147.5°	2.5	2.5	2.3	2.4	2.6
148°	2.6	2.5	2.4	2.3	2.6
148.5°	2.7	2.5	2.4	2.3	2.6
149°	2.6	2.5	2.4	2.3	2.6
149.5°	2.7	2.4	2.4	2.3	2.7
150°	2.7	2.5	2.4	2.3	2.6
150.5°	2.6	2.5	2.4	2.4	2.6
151°	2.7	2.5	2.3	2.4	2.7
151.5°	2.7	2.5	2.3	2.4	2.7
152°	2.7	2.5	2.5	2.5	2.6
152.5°	2.7	2.6	2.4	2.5	2.7
153°	2.7	2.5	2.5	2.6	2.8
153.5°	2.9	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	2.7	2.8
155°	2.6	2.6	2.6	2.7	2.9
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-110-L830-CFD2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L830-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°	2885.3	2881.8	2867.7	2854.4	2848.8
22°	2883.9	2880.4	2865.6	2852.3	2846.7



44°	2582.7	2572.2	2551.1	2538.5	2530.1
44.5°	2566.6	2555.3	2535.7	2522.3	2513.9



66.5°	1379.5	1373.8	1363.3	1359.8	1356.3
67°	1345.1	1338.7	1328.9	1325.4	1322.6



89°	20.5	20.1	19.9	21.0	21.3
89.5°	9.1	9.2	9.0	9.6	9.5



111.5°	1.8	1.5	1.6	1.6	1.5
112°	1.8	1.6	1.6	1.6	1.8





134°	3.6	3.5	3.4	3.4	3.6
134.5°	3.7	3.4	3.4	3.2	3.4



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



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



(END OF REPORT)