

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-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-110-L830-CFR2
Description: 11000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 3000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

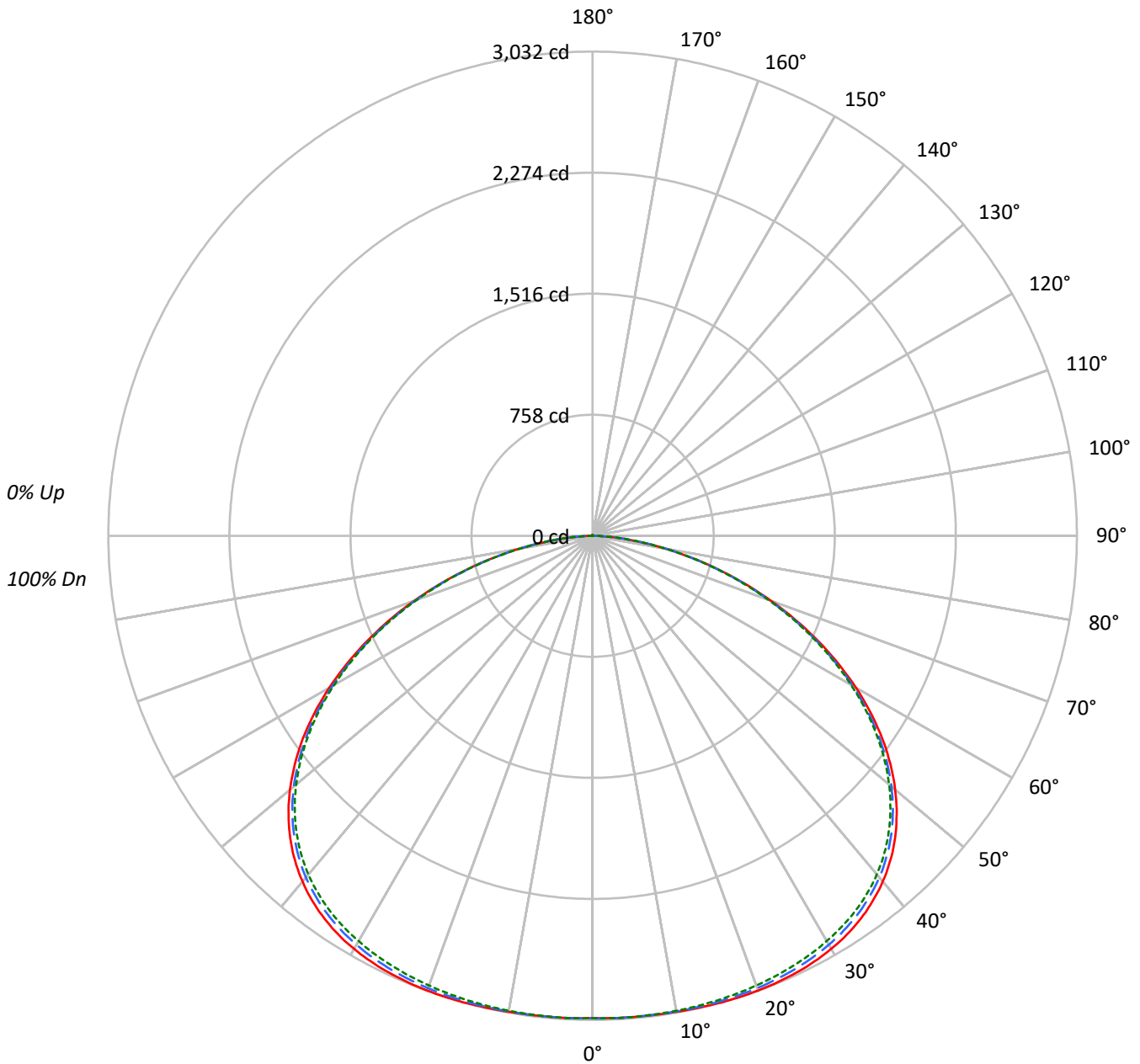
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10940.0 lumens
Efficiency: N/A
Efficacy: 126.3 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): 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°	2157	2157	2157
5°	2167	2167	2167
10°	2194	2192	2189
15°	2240	2234	2226
20°	2302	2290	2277
25°	2378	2359	2340
30°	2463	2438	2416
35°	2551	2521	2499
40°	2634	2602	2580
45°	2703	2669	2647
50°	2747	2713	2691
55°	2755	2721	2701
60°	2719	2685	2669
65°	2630	2600	2588
70°	2479	2453	2441
75°	2246	2232	2222
80°	1911	1917	1896
85°	1424	1458	1456



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	288.7	2.6
10°-20°	856.3	7.8
20°-30°	1384.3	12.7
30°-40°	1813.2	16.6
40°-50°	2039.5	18.6
50°-60°	1951.5	17.8
60°-70°	1522.1	13.9
70°-80°	857.8	7.8
80°-90°	212.2	1.9
90°-100°	0.8	0.0
100°-110°	1.2	0.0
110°-120°	2.2	0.0
120°-130°	3.5	0.0
130°-140°	2.7	0.0
140°-150°	1.7	0.0
150°-160°	1.3	0.0
160°-170°	0.8	0.0
170°-180°	0.3	0.0
0°-30°	2529.3	23.1
0°-40°	4342.5	39.7
0°-60°	8333.5	76.2
0°-90°	10925.5	99.9
90°-120°	4.2	0.0
90°-150°	12.1	0.1
90°-180°	14.0	0.1
0°-180°	10940.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3021	3021	3021	3021	3021	
5°	3024	3025	3024	3024	3024	289
15°	3031	3030	3023	3016	3012	859
25°	3018	3013	2995	2978	2971	1395
35°	2927	2917	2893	2875	2867	1832
45°	2677	2665	2644	2632	2622	2062
55°	2214	2202	2186	2177	2170	1973
65°	1557	1551	1539	1535	1532	1537
75°	814	814	809	808	805	863
85°	174	176	178	179	178	201
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	4	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°	4	3	4	4	3	0
180°	3	3	3	3	3	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3021.3	3021.3	3021.3	3021.3	3021.3
0.5°	3020.6	3022.8	3023.5	3022.8	3021.3
1°	3021.3	3022.8	3023.5	3023.5	3022.0
1.5°	3022.0	3023.5	3023.5	3023.5	3022.8
2°	3022.0	3023.5	3023.5	3024.3	3022.8
2.5°	3022.8	3024.3	3024.3	3024.3	3022.8
3°	3023.5	3024.3	3024.3	3024.3	3023.5
3.5°	3023.5	3024.3	3024.3	3024.3	3023.5
4°	3024.3	3024.3	3024.3	3024.3	3023.5
4.5°	3024.3	3025.0	3024.3	3024.3	3023.5
5°	3024.3	3025.0	3024.3	3024.3	3023.5
5.5°	3024.3	3025.0	3024.3	3024.3	3023.5
6°	3025.0	3025.0	3024.3	3024.3	3022.8
6.5°	3025.0	3025.7	3025.0	3024.3	3022.8
7°	3025.0	3025.7	3024.3	3024.3	3022.8
7.5°	3025.0	3025.7	3024.3	3023.5	3022.0
8°	3025.7	3025.7	3025.0	3023.5	3022.0
8.5°	3025.7	3026.5	3024.3	3023.5	3021.3
9°	3026.5	3026.5	3025.0	3022.8	3021.3
9.5°	3026.5	3027.2	3024.3	3022.8	3020.6
10°	3027.2	3027.2	3024.3	3022.0	3019.8
10.5°	3027.9	3027.9	3024.3	3022.0	3019.8
11°	3027.9	3027.9	3024.3	3021.3	3019.1
11.5°	3028.7	3028.7	3024.3	3020.6	3018.4
12°	3028.7	3028.7	3024.3	3020.6	3017.6
12.5°	3029.4	3028.7	3023.5	3019.8	3016.9
13°	3029.4	3028.7	3023.5	3019.1	3016.2
13.5°	3030.2	3029.4	3023.5	3018.4	3015.4
14°	3030.2	3029.4	3023.5	3017.6	3013.9
14.5°	3030.9	3029.4	3022.8	3016.9	3013.2
15°	3030.9	3030.2	3022.8	3016.2	3012.5
15.5°	3031.6	3030.2	3022.0	3014.7	3011.0
16°	3030.9	3030.2	3021.3	3013.9	3009.5
16.5°	3031.6	3030.2	3021.3	3012.5	3008.0
17°	3031.6	3029.4	3020.6	3011.0	3007.3
17.5°	3031.6	3029.4	3019.1	3010.3	3005.8
18°	3031.6	3029.4	3018.4	3008.8	3003.6
18.5°	3031.6	3028.7	3017.6	3007.3	3002.2
19°	3030.9	3028.7	3016.9	3005.8	3000.7
19.5°	3030.9	3027.9	3015.4	3003.6	2998.5
20°	3030.2	3027.2	3013.9	3002.2	2997.0
20.5°	3029.4	3026.5	3013.2	3000.7	2994.8
21°	3029.4	3025.7	3011.7	2998.5	2992.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	3026.5	3022.0	3006.6	2991.8	2985.2
23°	3025.0	3020.6	3004.4	2989.6	2983.0
23.5°	3023.5	3019.1	3002.2	2986.7	2980.0
24°	3022.0	3017.6	2999.9	2983.7	2977.1
24.5°	3020.6	3015.4	2997.7	2980.8	2974.1
25°	3018.4	3013.2	2994.8	2977.8	2971.2
25.5°	3016.2	3011.0	2991.8	2974.9	2967.5
26°	3013.9	3008.8	2988.9	2971.9	2964.6
26.5°	3011.7	3005.8	2985.9	2968.3	2960.9
27°	3008.8	3002.9	2982.3	2964.6	2957.2
27.5°	3005.8	2999.9	2978.6	2960.9	2953.5
28°	3002.9	2996.3	2974.9	2957.2	2949.8
28.5°	2999.2	2992.6	2971.2	2952.8	2945.4
29°	2995.5	2988.9	2966.8	2948.4	2941.0
29.5°	2991.8	2984.5	2962.4	2943.9	2935.8
30°	2987.4	2980.0	2957.2	2938.8	2930.7
30.5°	2983.0	2975.6	2952.0	2933.6	2926.2
31°	2977.8	2970.5	2946.9	2928.5	2920.4
31.5°	2973.4	2965.3	2941.0	2923.3	2915.2
32°	2967.5	2959.4	2935.8	2917.4	2909.3
32.5°	2961.6	2953.5	2929.2	2910.8	2902.7
33°	2955.7	2946.9	2922.6	2904.9	2896.0
33.5°	2949.1	2940.3	2915.9	2898.2	2889.4
34°	2941.7	2932.9	2908.6	2890.9	2882.8
34.5°	2934.4	2925.5	2901.2	2883.5	2875.4
35°	2927.0	2917.4	2893.1	2875.4	2867.3
35.5°	2918.9	2909.3	2885.0	2867.3	2859.2
36°	2910.8	2900.5	2876.1	2859.2	2850.3
36.5°	2901.2	2891.6	2867.3	2850.3	2842.2
37°	2891.6	2882.0	2857.7	2840.8	2832.7
37.5°	2882.0	2871.7	2848.1	2831.2	2822.3
38°	2871.7	2862.1	2837.8	2821.6	2812.8
38.5°	2861.4	2851.1	2826.8	2810.6	2802.4
39°	2850.3	2839.3	2815.7	2800.2	2791.4
39.5°	2838.6	2827.5	2804.7	2788.4	2780.3
40°	2826.0	2815.7	2792.1	2776.7	2768.6
40.5°	2814.2	2803.2	2779.6	2764.9	2756.0
41°	2801.0	2789.9	2767.1	2751.6	2742.8
41.5°	2787.0	2775.9	2753.1	2738.3	2729.5
42°	2773.0	2761.9	2739.1	2725.1	2715.5
42.5°	2758.2	2747.2	2724.3	2710.3	2701.5
43°	2743.5	2731.7	2709.6	2695.6	2686.8
43.5°	2728.0	2716.2	2694.1	2680.1	2671.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	2677.2	2665.4	2644.0	2631.5	2621.9
45.5°	2659.5	2647.0	2626.3	2613.8	2605.0
46°	2641.1	2628.5	2607.9	2595.4	2586.5
46.5°	2621.9	2609.4	2589.5	2577.0	2568.1
47°	2602.0	2590.2	2569.6	2558.5	2549.0
47.5°	2582.1	2569.6	2549.7	2538.6	2529.1
48°	2562.2	2549.0	2529.8	2518.0	2508.4
48.5°	2540.8	2528.3	2509.2	2498.1	2489.3
49°	2518.0	2506.2	2487.1	2475.3	2467.2
49.5°	2495.9	2484.1	2464.9	2453.9	2445.1
50°	2473.1	2460.5	2442.8	2431.8	2422.9
50.5°	2449.5	2436.9	2419.3	2408.2	2400.1
51°	2425.9	2413.4	2395.7	2384.6	2375.8
51.5°	2400.8	2388.3	2370.6	2360.3	2352.2
52°	2375.8	2363.3	2345.6	2336.0	2327.9
52.5°	2350.7	2338.2	2320.5	2310.2	2302.8
53°	2323.5	2311.7	2295.5	2285.9	2277.8
53.5°	2296.2	2284.4	2268.2	2258.6	2251.2
54°	2268.9	2257.1	2240.9	2231.3	2224.7
54.5°	2242.4	2229.9	2214.4	2204.8	2198.2
55°	2213.7	2201.9	2186.4	2176.8	2170.2
55.5°	2184.9	2173.1	2157.7	2148.1	2142.2
56°	2154.7	2143.7	2128.2	2120.1	2114.2
56.5°	2124.5	2114.2	2098.7	2090.6	2084.7
57°	2095.0	2084.0	2069.2	2061.9	2056.0
57.5°	2065.5	2053.8	2039.0	2031.6	2025.8
58°	2033.1	2022.1	2008.1	2000.7	1995.5
58.5°	2001.4	1991.1	1976.4	1969.7	1964.6
59°	1969.7	1959.4	1945.4	1938.8	1933.6
59.5°	1936.6	1927.0	1913.0	1906.4	1901.2
60°	1904.2	1893.8	1880.6	1874.7	1869.5
60.5°	1871.0	1862.2	1848.2	1842.3	1837.1
61°	1837.1	1828.3	1815.0	1809.1	1803.9
61.5°	1802.5	1795.1	1781.8	1775.9	1771.5
62°	1768.6	1761.2	1747.9	1742.8	1738.4
62.5°	1733.9	1726.6	1713.3	1708.1	1703.7
63°	1699.3	1691.9	1679.4	1674.2	1669.8
63.5°	1663.9	1656.6	1644.8	1639.6	1635.2
64°	1628.6	1621.2	1608.7	1605.0	1599.8
64.5°	1593.2	1585.8	1573.3	1569.6	1565.2
65°	1557.1	1551.2	1539.4	1535.0	1532.0
65.5°	1521.7	1514.3	1503.3	1499.6	1495.2
66°	1484.1	1478.2	1467.2	1463.5	1460.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1375.1	1368.4	1358.9	1355.2	1351.5
68°	1337.5	1331.6	1322.0	1319.1	1315.4
68.5°	1299.9	1294.0	1284.4	1282.2	1280.0
69°	1262.3	1256.4	1248.3	1246.1	1243.2
69.5°	1225.5	1219.6	1212.2	1210.0	1206.3
70°	1187.9	1182.7	1175.4	1173.2	1169.5
70.5°	1150.3	1145.2	1138.5	1136.3	1132.6
71°	1112.7	1108.3	1102.4	1099.5	1095.8
71.5°	1075.9	1071.5	1064.8	1062.6	1059.7
72°	1038.3	1034.6	1028.0	1026.5	1022.8
72.5°	1000.7	997.8	991.1	989.7	986.7
73°	963.1	960.2	953.6	952.1	949.9
73.5°	926.3	923.3	917.4	915.2	913.0
74°	889.4	887.2	881.3	879.9	876.9
74.5°	851.9	850.4	845.2	843.0	840.8
75°	814.3	814.3	809.1	807.6	805.4
75.5°	778.2	778.2	773.0	771.5	769.3
76°	742.1	742.1	736.9	735.5	732.6
76.5°	705.6	705.9	701.5	700.0	697.6
77°	670.7	671.0	667.0	665.1	662.6
77.5°	633.3	635.1	631.8	630.1	627.6
78°	598.4	600.7	597.3	595.9	593.9
78.5°	565.6	567.0	564.8	563.1	560.3
79°	531.2	532.3	530.9	529.4	526.6
79.5°	497.3	499.1	498.1	496.8	493.6
80°	464.8	466.1	466.3	464.3	461.3
80.5°	430.6	433.3	433.7	431.8	430.2
81°	399.0	401.5	402.3	401.1	399.0
81.5°	367.9	370.9	371.5	370.9	368.2
82°	336.7	340.4	341.5	341.0	338.0
82.5°	306.9	311.0	312.2	311.8	309.1
83°	278.0	282.5	283.6	284.0	281.5
83.5°	250.1	254.4	255.8	256.2	253.5
84°	223.3	227.1	228.9	229.6	227.3
84.5°	197.8	200.9	203.0	204.0	202.9
85°	173.8	176.0	178.0	179.3	177.7
85.5°	150.5	152.2	153.7	155.8	154.5
86°	128.8	130.6	131.6	133.2	133.2
86.5°	108.2	109.0	109.8	111.7	111.7
87°	88.4	88.5	88.8	91.2	91.3
87.5°	68.2	68.8	69.1	71.3	72.0
88°	48.1	49.8	50.3	52.2	52.1
88.5°	34.0	34.0	34.0	36.0	36.4



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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°	1.0	0.8	0.8	0.8	1.0
98.5°	1.0	0.8	0.7	0.7	0.9
99°	0.9	0.9	0.8	0.7	0.8
99.5°	1.0	0.7	0.9	0.8	0.8
100°	1.0	0.9	0.9	0.9	1.0
100.5°	1.0	1.0	0.9	1.0	1.0
101°	1.0	0.9	0.9	0.9	0.9
101.5°	1.1	0.9	1.0	1.0	1.0
102°	1.2	1.0	1.0	1.0	1.0
102.5°	1.0	1.0	1.0	1.0	1.0
103°	1.0	0.9	1.0	1.0	1.0
103.5°	1.1	1.1	1.0	1.0	1.0
104°	1.3	1.1	1.1	1.0	1.0
104.5°	1.1	1.2	1.2	1.2	1.0
105°	1.3	1.2	1.1	1.3	1.3
105.5°	1.3	1.0	1.2	1.1	1.1
106°	1.2	1.2	1.3	1.3	1.3
106.5°	1.3	1.2	1.3	1.2	1.1
107°	1.3	1.3	1.3	1.3	1.2
107.5°	1.4	1.3	1.3	1.4	1.3
108°	1.4	1.3	1.2	1.4	1.3
108.5°	1.4	1.4	1.4	1.3	1.3
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-110-L830-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	2.1	2.1
114°	2.1	2.1	2.1	2.1	2.1
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	2.4	2.3	2.1
116°	2.4	2.4	2.4	2.4	2.3
116.5°	2.5	2.5	2.5	2.5	2.4
117°	2.7	2.7	2.7	2.7	2.4
117.5°	2.8	2.7	2.7	2.7	2.5
118°	2.8	2.7	2.9	2.7	2.6
118.5°	3.0	2.9	2.9	2.8	2.7
119°	3.0	3.0	3.1	2.9	2.9
119.5°	3.1	3.1	3.1	3.0	2.9
120°	3.2	3.2	3.2	3.1	3.2
120.5°	3.3	3.2	3.3	3.2	3.2
121°	3.3	3.3	3.3	3.3	3.2
121.5°	3.7	3.5	3.5	3.3	3.3
122°	3.5	3.7	3.5	3.5	3.5
122.5°	3.8	3.7	3.6	3.6	3.5
123°	3.8	3.8	3.7	3.7	3.6
123.5°	3.8	4.0	3.8	3.6	3.8
124°	3.9	4.0	3.9	3.8	3.8
124.5°	4.1	4.0	3.9	3.8	3.8
125°	4.3	4.1	4.1	4.0	4.0
125.5°	4.3	4.2	4.1	4.0	4.1
126°	4.3	4.1	4.1	4.1	4.0
126.5°	4.1	4.2	4.3	4.1	4.1
127°	4.3	4.3	4.1	4.1	4.0
127.5°	4.4	4.3	4.3	4.1	4.0
128°	4.4	4.2	4.2	4.1	4.1
128.5°	4.3	4.3	4.1	4.0	4.1
129°	4.2	4.2	4.1	4.1	4.0
129.5°	4.1	4.2	4.1	4.1	4.1
130°	4.1	4.2	4.1	3.9	4.0
130.5°	4.3	4.1	4.1	3.8	4.0
131°	4.1	4.1	4.1	3.8	3.9
131.5°	4.1	4.0	3.8	3.8	3.8
132°	4.1	3.9	3.9	3.8	3.8
132.5°	4.1	3.9	3.8	3.8	3.8
133°	3.9	3.8	3.8	3.5	3.7
133.5°	4.0	3.8	3.6	3.5	3.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L830-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	3.8	3.6	3.5	3.4	3.7
135.5°	3.6	3.7	3.5	3.3	3.5
136°	3.5	3.5	3.3	3.2	3.5
136.5°	3.6	3.5	3.3	3.2	3.5
137°	3.5	3.4	3.3	3.2	3.4
137.5°	3.5	3.3	3.2	3.0	3.2
138°	3.4	3.2	3.1	3.0	3.2
138.5°	3.5	3.2	3.2	2.9	3.2
139°	3.0	3.2	3.1	2.8	3.2
139.5°	3.2	3.0	2.9	2.9	3.2
140°	3.2	2.9	3.0	2.8	2.9
140.5°	3.2	2.9	2.9	2.8	2.9
141°	3.0	2.9	2.9	2.7	2.8
141.5°	2.8	2.9	2.9	2.7	2.8
142°	2.7	2.7	2.9	2.7	2.6
142.5°	2.7	2.9	2.8	2.7	2.6
143°	2.9	2.8	2.8	2.7	2.6
143.5°	2.9	2.8	2.8	2.6	2.6
144°	2.9	2.7	2.9	2.5	2.7
144.5°	2.7	2.7	2.7	2.6	2.7
145°	2.8	2.7	2.7	2.4	2.7
145.5°	2.7	2.6	2.7	2.4	2.8
146°	2.7	2.6	2.5	2.4	2.7
146.5°	2.8	2.6	2.5	2.4	2.7
147°	2.7	2.6	2.4	2.5	2.5
147.5°	2.7	2.6	2.4	2.5	2.7
148°	2.7	2.6	2.5	2.4	2.7
148.5°	2.8	2.7	2.5	2.4	2.7
149°	2.7	2.6	2.5	2.4	2.7
149.5°	2.9	2.5	2.5	2.4	2.8
150°	2.8	2.7	2.5	2.4	2.7
150.5°	2.7	2.6	2.5	2.5	2.7
151°	2.9	2.6	2.4	2.5	2.9
151.5°	2.8	2.7	2.4	2.5	2.9
152°	2.9	2.7	2.6	2.7	2.7
152.5°	2.9	2.7	2.5	2.6	2.9
153°	2.8	2.7	2.6	2.7	2.9
153.5°	3.0	2.7	2.5	2.7	2.9
154°	2.9	2.7	2.7	2.7	2.9
154.5°	2.9	2.7	2.7	2.8	2.9
155°	2.7	2.7	2.7	2.8	3.0
155.5°	2.9	2.7	2.7	2.7	2.9
156°	2.7	2.7	2.7	2.7	2.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L830-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	2.7	2.6	2.7	2.8	2.9
158°	2.9	2.7	2.7	2.7	2.9
158.5°	2.8	2.7	2.6	2.7	2.9
159°	2.9	2.7	2.7	2.7	3.0
159.5°	2.8	2.7	2.7	2.7	3.1
160°	2.8	2.7	2.6	2.7	2.9
160.5°	2.7	2.7	2.7	2.8	2.9
161°	2.7	2.7	2.7	2.8	2.9
161.5°	2.8	2.7	2.7	2.7	2.8
162°	2.7	2.7	2.7	2.8	2.8
162.5°	2.9	2.8	2.7	2.7	2.9
163°	2.9	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°	2.7	2.9	2.8	2.9	3.0
165°	2.7	2.7	2.7	2.9	2.9
165.5°	2.6	2.7	2.7	3.1	2.9
166°	2.8	2.8	2.7	2.9	2.9
166.5°	2.8	2.7	2.7	3.0	2.7
167°	2.7	2.9	2.7	3.1	3.0
167.5°	2.8	2.9	2.8	3.2	3.0
168°	2.9	2.9	2.7	3.1	2.9
168.5°	2.8	3.0	2.9	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	2.9	3.3	3.0
170.5°	3.0	3.1	2.9	3.3	3.2
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	3.2
172.5°	3.1	3.1	3.2	3.4	3.2
173°	2.9	2.9	3.2	3.4	3.2
173.5°	3.2	3.1	3.2	3.3	3.3
174°	3.2	3.2	3.5	3.4	3.2
174.5°	3.2	3.4	3.4	3.5	3.4
175°	3.5	3.4	3.5	3.5	3.3
175.5°	3.5	3.4	3.6	3.5	3.5
176°	3.6	3.5	3.5	3.4	3.4
176.5°	3.7	3.5	3.5	3.2	3.4
177°	3.5	3.5	3.3	3.2	3.4
177.5°	3.6	3.5	3.2	3.2	3.5
178°	3.4	3.3	3.2	3.2	3.2
178.5°	3.3	3.2	3.1	3.1	3.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L830-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.9	2.9	2.9	2.9	2.9



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	3028.7	3025.0	3010.3	2996.3	2990.4
22°	3027.2	3023.5	3008.0	2994.0	2988.1



44°	2711.1	2700.0	2677.9	2664.6	2655.8
44.5°	2694.1	2682.3	2661.7	2647.7	2638.9



66.5°	1448.0	1442.1	1431.1	1427.4	1423.7
67°	1411.9	1405.3	1395.0	1391.3	1388.3



89°	21.5	21.1	20.9	22.0	22.3
89.5°	9.5	9.7	9.4	10.1	9.9



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



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



156.5°	2.9	2.7	2.7	2.8	2.9
157°	2.8	2.7	2.7	2.7	2.9



179°	3.2	3.1	2.9	3.0	3.2
179.5°	2.8	2.9	2.9	2.8	3.0



(END OF REPORT)