

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-L835-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-L835-CFD2
Description: 11000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 3500K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

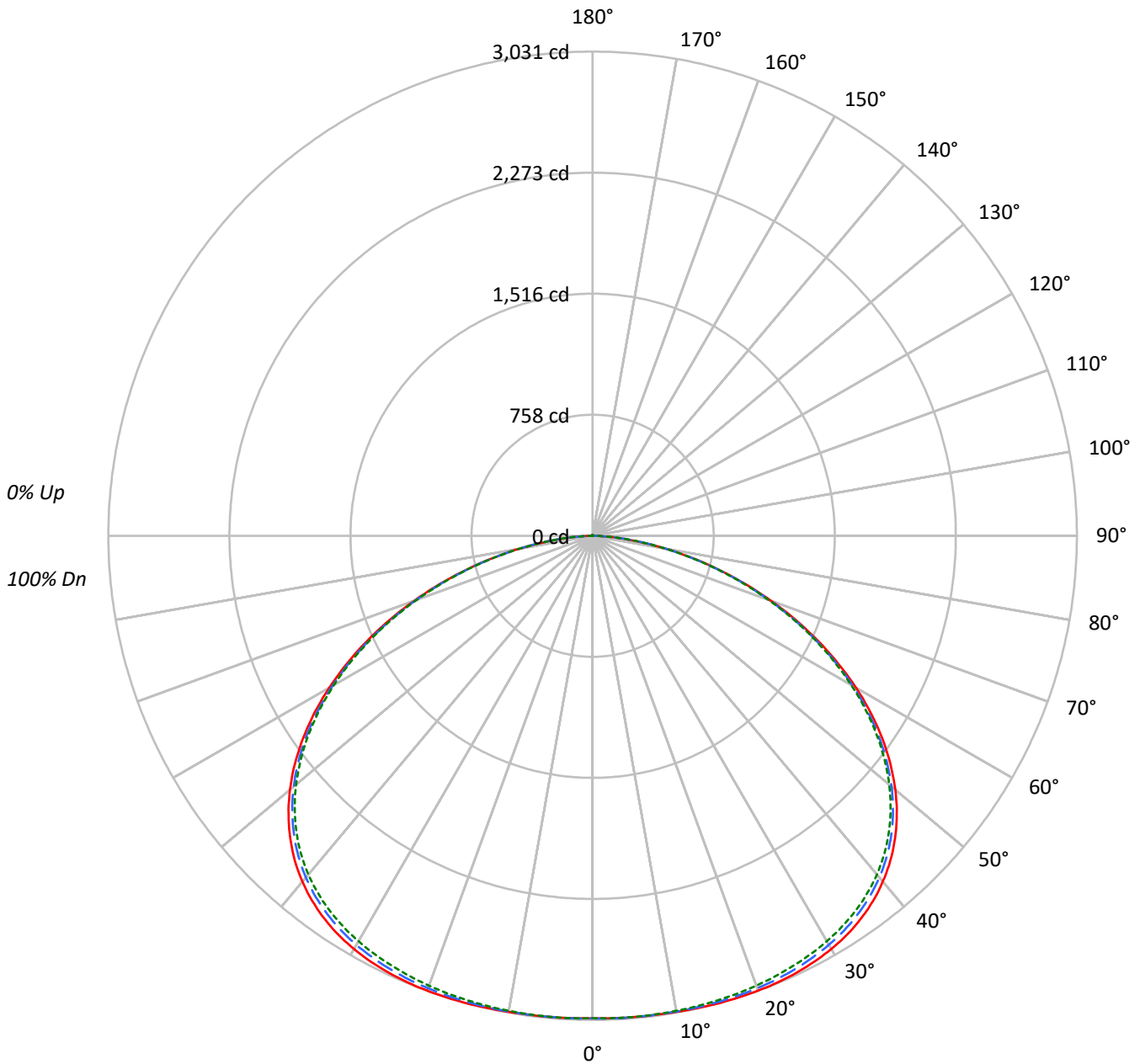
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10939.0 lumens
Efficiency: N/A
Efficacy: 126.3 lumens/watt
Spacing Criteria (0/90/45): 1.48 / 1.45 / 1.57
Luminous Opening: Rectangular w/ 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					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°	2157	2157	2157
5°	2159	2156	2158
10°	2178	2169	2172
15°	2214	2198	2201
20°	2266	2240	2242
25°	2331	2294	2294
30°	2403	2355	2357
35°	2476	2418	2426
40°	2542	2476	2490
45°	2591	2516	2538
50°	2613	2530	2560
55°	2596	2504	2545
60°	2530	2429	2484
65°	2408	2301	2370
70°	2218	2103	2183
75°	1936	1819	1915
80°	1536	1426	1525
85°	955	860	976



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	288.7	2.6
10°-20°	856.2	7.8
20°-30°	1384.2	12.7
30°-40°	1813.0	16.6
40°-50°	2039.3	18.6
50°-60°	1951.4	17.8
60°-70°	1521.9	13.9
70°-80°	857.7	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°	2529.1	23.1
0°-40°	4342.1	39.7
0°-60°	8332.7	76.2
0°-90°	10924.5	99.9
90°-120°	4.2	0.0
90°-150°	12.1	0.1
90°-180°	14.0	0.1
0°-180°	10939.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3021	3021	3021	3021	3021	
5°	3024	3025	3024	3024	3023	289
15°	3031	3030	3022	3016	3012	859
25°	3018	3013	2994	2978	2971	1395
35°	2927	2917	2893	2875	2867	1832
45°	2677	2665	2644	2631	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°	3021.0	3021.0	3021.0	3021.0	3021.0
0.5°	3020.3	3022.5	3023.2	3022.5	3021.0
1°	3021.0	3022.5	3023.2	3023.2	3021.8
1.5°	3021.8	3023.2	3023.2	3023.2	3022.5
2°	3021.8	3023.2	3023.2	3024.0	3022.5
2.5°	3022.5	3024.0	3024.0	3024.0	3022.5
3°	3023.2	3024.0	3024.0	3024.0	3023.2
3.5°	3023.2	3024.0	3024.0	3024.0	3023.2
4°	3024.0	3024.0	3024.0	3024.0	3023.2
4.5°	3024.0	3024.7	3024.0	3024.0	3023.2
5°	3024.0	3024.7	3024.0	3024.0	3023.2
5.5°	3024.0	3024.7	3024.0	3024.0	3023.2
6°	3024.7	3024.7	3024.0	3024.0	3022.5
6.5°	3024.7	3025.5	3024.7	3024.0	3022.5
7°	3024.7	3025.5	3024.0	3024.0	3022.5
7.5°	3024.7	3025.5	3024.0	3023.2	3021.8
8°	3025.5	3025.5	3024.7	3023.2	3021.8
8.5°	3025.5	3026.2	3024.0	3023.2	3021.0
9°	3026.2	3026.2	3024.7	3022.5	3021.0
9.5°	3026.2	3026.9	3024.0	3022.5	3020.3
10°	3026.9	3026.9	3024.0	3021.8	3019.6
10.5°	3027.7	3027.7	3024.0	3021.8	3019.6
11°	3027.7	3027.7	3024.0	3021.0	3018.8
11.5°	3028.4	3028.4	3024.0	3020.3	3018.1
12°	3028.4	3028.4	3024.0	3020.3	3017.3
12.5°	3029.1	3028.4	3023.2	3019.6	3016.6
13°	3029.1	3028.4	3023.2	3018.8	3015.9
13.5°	3029.9	3029.1	3023.2	3018.1	3015.1
14°	3029.9	3029.1	3023.2	3017.3	3013.7
14.5°	3030.6	3029.1	3022.5	3016.6	3012.9
15°	3030.6	3029.9	3022.5	3015.9	3012.2
15.5°	3031.3	3029.9	3021.8	3014.4	3010.7
16°	3030.6	3029.9	3021.0	3013.7	3009.2
16.5°	3031.3	3029.9	3021.0	3012.2	3007.8
17°	3031.3	3029.1	3020.3	3010.7	3007.0
17.5°	3031.3	3029.1	3018.8	3010.0	3005.6
18°	3031.3	3029.1	3018.1	3008.5	3003.3
18.5°	3031.3	3028.4	3017.3	3007.0	3001.9
19°	3030.6	3028.4	3016.6	3005.6	3000.4
19.5°	3030.6	3027.7	3015.1	3003.3	2998.2
20°	3029.9	3026.9	3013.7	3001.9	2996.7
20.5°	3029.1	3026.2	3012.9	3000.4	2994.5
21°	3029.1	3025.5	3011.5	2998.2	2992.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	3026.2	3021.8	3006.3	2991.6	2984.9
23°	3024.7	3020.3	3004.1	2989.4	2982.7
23.5°	3023.2	3018.8	3001.9	2986.4	2979.8
24°	3021.8	3017.3	2999.7	2983.5	2976.8
24.5°	3020.3	3015.1	2997.5	2980.5	2973.9
25°	3018.1	3012.9	2994.5	2977.6	2970.9
25.5°	3015.9	3010.7	2991.6	2974.6	2967.2
26°	3013.7	3008.5	2988.6	2971.7	2964.3
26.5°	3011.5	3005.6	2985.7	2968.0	2960.6
27°	3008.5	3002.6	2982.0	2964.3	2956.9
27.5°	3005.6	2999.7	2978.3	2960.6	2953.2
28°	3002.6	2996.0	2974.6	2956.9	2949.6
28.5°	2998.9	2992.3	2970.9	2952.5	2945.1
29°	2995.2	2988.6	2966.5	2948.1	2940.7
29.5°	2991.6	2984.2	2962.1	2943.7	2935.6
30°	2987.1	2979.8	2956.9	2938.5	2930.4
30.5°	2982.7	2975.4	2951.8	2933.4	2926.0
31°	2977.6	2970.2	2946.6	2928.2	2920.1
31.5°	2973.1	2965.0	2940.7	2923.0	2914.9
32°	2967.2	2959.1	2935.6	2917.1	2909.0
32.5°	2961.4	2953.2	2928.9	2910.5	2902.4
33°	2955.5	2946.6	2922.3	2904.6	2895.8
33.5°	2948.8	2940.0	2915.7	2898.0	2889.1
34°	2941.5	2932.6	2908.3	2890.6	2882.5
34.5°	2934.1	2925.2	2900.9	2883.2	2875.1
35°	2926.7	2917.1	2892.8	2875.1	2867.0
35.5°	2918.6	2909.0	2884.7	2867.0	2858.9
36°	2910.5	2900.2	2875.9	2858.9	2850.1
36.5°	2900.9	2891.4	2867.0	2850.1	2842.0
37°	2891.4	2881.8	2857.5	2840.5	2832.4
37.5°	2881.8	2871.5	2847.9	2830.9	2822.1
38°	2871.5	2861.9	2837.6	2821.4	2812.5
38.5°	2861.1	2850.8	2826.5	2810.3	2802.2
39°	2850.1	2839.0	2815.5	2800.0	2791.1
39.5°	2838.3	2827.2	2804.4	2788.2	2780.1
40°	2825.8	2815.5	2791.9	2776.4	2768.3
40.5°	2814.0	2802.9	2779.4	2764.6	2755.8
41°	2800.7	2789.7	2766.8	2751.4	2742.5
41.5°	2786.7	2775.7	2752.8	2738.1	2729.2
42°	2772.7	2761.7	2738.8	2724.8	2715.2
42.5°	2758.0	2746.9	2724.1	2710.1	2701.2
43°	2743.2	2731.5	2709.4	2695.4	2686.5
43.5°	2727.8	2716.0	2693.9	2679.9	2671.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	2676.9	2665.1	2643.8	2631.2	2621.7
45.5°	2659.2	2646.7	2626.1	2613.6	2604.7
46°	2640.8	2628.3	2607.7	2595.1	2586.3
46.5°	2621.7	2609.1	2589.2	2576.7	2567.9
47°	2601.8	2590.0	2569.4	2558.3	2548.7
47.5°	2581.9	2569.4	2549.5	2538.4	2528.8
48°	2562.0	2548.7	2529.6	2517.8	2508.2
48.5°	2540.6	2528.1	2508.9	2497.9	2489.0
49°	2517.8	2506.0	2486.8	2475.0	2466.9
49.5°	2495.7	2483.9	2464.7	2453.7	2444.8
50°	2472.8	2460.3	2442.6	2431.6	2422.7
50.5°	2449.2	2436.7	2419.0	2408.0	2399.9
51°	2425.7	2413.1	2395.5	2384.4	2375.6
51.5°	2400.6	2388.1	2370.4	2360.1	2352.0
52°	2375.6	2363.0	2345.4	2335.8	2327.7
52.5°	2350.5	2338.0	2320.3	2310.0	2302.6
53°	2323.2	2311.5	2295.2	2285.7	2277.6
53.5°	2296.0	2284.2	2268.0	2258.4	2251.0
54°	2268.7	2256.9	2240.7	2231.1	2224.5
54.5°	2242.2	2229.7	2214.2	2204.6	2198.0
55°	2213.5	2201.7	2186.2	2176.6	2170.0
55.5°	2184.7	2172.9	2157.5	2147.9	2142.0
56°	2154.5	2143.5	2128.0	2119.9	2114.0
56.5°	2124.3	2114.0	2098.5	2090.4	2084.5
57°	2094.8	2083.8	2069.0	2061.7	2055.8
57.5°	2065.4	2053.6	2038.8	2031.5	2025.6
58°	2032.9	2021.9	2007.9	2000.5	1995.4
58.5°	2001.3	1990.9	1976.2	1969.6	1964.4
59°	1969.6	1959.3	1945.3	1938.6	1933.5
59.5°	1936.4	1926.8	1912.8	1906.2	1901.0
60°	1904.0	1893.7	1880.4	1874.5	1869.4
60.5°	1870.8	1862.0	1848.0	1842.1	1836.9
61°	1836.9	1828.1	1814.8	1808.9	1803.8
61.5°	1802.3	1794.9	1781.7	1775.8	1771.4
62°	1768.4	1761.0	1747.8	1742.6	1738.2
62.5°	1733.8	1726.4	1713.1	1708.0	1703.6
63°	1699.1	1691.8	1679.3	1674.1	1669.7
63.5°	1663.8	1656.4	1644.6	1639.5	1635.0
64°	1628.4	1621.0	1608.5	1604.8	1599.7
64.5°	1593.0	1585.7	1573.1	1569.5	1565.0
65°	1556.9	1551.0	1539.3	1534.8	1531.9
65.5°	1521.6	1514.2	1503.1	1499.5	1495.0
66°	1484.0	1478.1	1467.0	1463.4	1460.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1374.9	1368.3	1358.7	1355.0	1351.4
68°	1337.4	1331.5	1321.9	1318.9	1315.3
68.5°	1299.8	1293.9	1284.3	1282.1	1279.9
69°	1262.2	1256.3	1248.2	1246.0	1243.0
69.5°	1225.4	1219.5	1212.1	1209.9	1206.2
70°	1187.8	1182.6	1175.3	1173.0	1169.4
70.5°	1150.2	1145.0	1138.4	1136.2	1132.5
71°	1112.6	1108.2	1102.3	1099.4	1095.7
71.5°	1075.8	1071.4	1064.7	1062.5	1059.6
72°	1038.2	1034.5	1027.9	1026.4	1022.7
72.5°	1000.6	997.7	991.0	989.6	986.6
73°	963.0	960.1	953.5	952.0	949.8
73.5°	926.2	923.3	917.4	915.2	912.9
74°	889.4	887.2	881.3	879.8	876.8
74.5°	851.8	850.3	845.2	842.9	840.7
75°	814.2	814.2	809.0	807.6	805.4
75.5°	778.1	778.1	772.9	771.5	769.3
76°	742.0	742.0	736.8	735.4	732.5
76.5°	705.5	705.8	701.5	699.9	697.5
77°	670.6	670.9	667.0	665.0	662.6
77.5°	633.2	635.0	631.8	630.0	627.6
78°	598.4	600.6	597.3	595.9	593.8
78.5°	565.5	566.9	564.8	563.1	560.2
79°	531.1	532.2	530.8	529.3	526.5
79.5°	497.2	499.1	498.1	496.8	493.5
80°	464.7	466.0	466.3	464.3	461.3
80.5°	430.5	433.3	433.7	431.7	430.2
81°	398.9	401.5	402.2	401.1	399.0
81.5°	367.8	370.9	371.5	370.9	368.2
82°	336.7	340.3	341.5	340.9	338.0
82.5°	306.9	311.0	312.2	311.8	309.0
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°	173.7	176.0	177.9	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-L835-CFD2

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-L835-CFD2

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-L835-CFD2

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-L835-CFD2

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°	3028.4	3024.7	3010.0	2996.0	2990.1
22°	3026.9	3023.2	3007.8	2993.8	2987.9



44°	2710.8	2699.8	2677.7	2664.4	2655.6
44.5°	2693.9	2682.1	2661.5	2647.5	2638.6



66.5°	1447.9	1442.0	1430.9	1427.3	1423.6
67°	1411.8	1405.1	1394.8	1391.1	1388.2



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)