

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-L850-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-L850-CFD2  
Description: 11000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS  
AND 5000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No. Condition Description

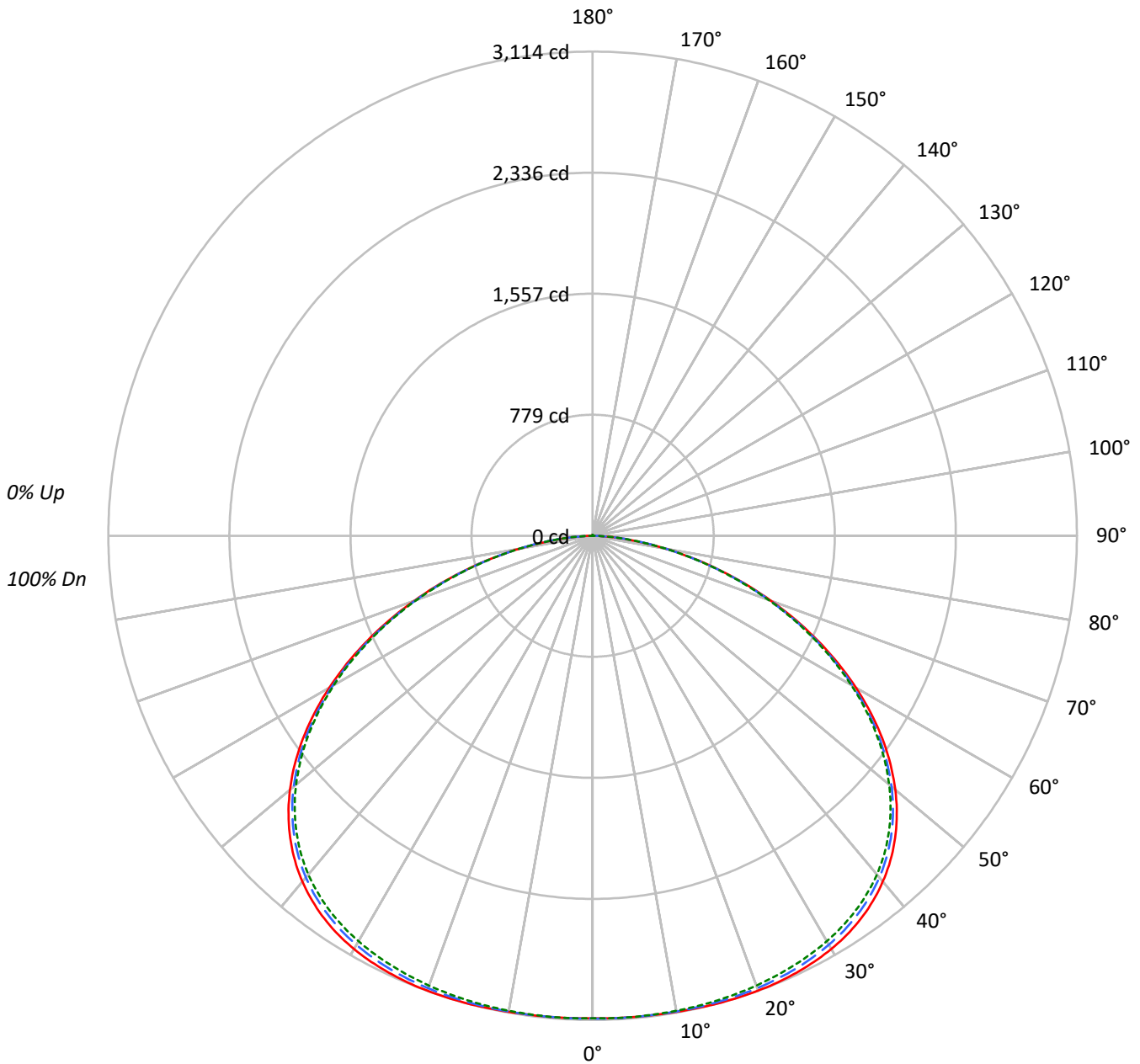
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11238.0 lumens  
Efficiency: N/A  
Efficacy: 129.8 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 (A<sub>in</sub>): 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

TEST NUMBER: P#  
CATALOG NUMBER: 44ID-110-L850-CFD2

### Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L850-CFD2

**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°	2216	2216	2216
5°	2218	2215	2217
10°	2237	2228	2232
15°	2275	2258	2261
20°	2328	2301	2303
25°	2394	2357	2357
30°	2469	2419	2422
35°	2544	2484	2492
40°	2611	2543	2558
45°	2662	2585	2607
50°	2684	2599	2630
55°	2667	2572	2614
60°	2600	2496	2552
65°	2474	2364	2434
70°	2278	2160	2243
75°	1989	1869	1967
80°	1578	1465	1567
85°	981	884	1003



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L850-CFD2

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	296.6	2.6
10°-20°	879.6	7.8
20°-30°	1422.0	12.7
30°-40°	1862.5	16.6
40°-50°	2095.0	18.6
50°-60°	2004.7	17.8
60°-70°	1563.5	13.9
70°-80°	881.1	7.8
80°-90°	218.0	1.9
90°-100°	0.8	0.0
100°-110°	1.3	0.0
110°-120°	2.3	0.0
120°-130°	3.6	0.0
130°-140°	2.8	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°	2598.2	23.1
0°-40°	4460.8	39.7
0°-60°	8560.5	76.2
0°-90°	11223.2	99.9
90°-120°	4.3	0.0
90°-150°	12.4	0.1
90°-180°	15.0	0.1
0°-180°	11238.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3104	3104	3104	3104	3104	
5°	3107	3107	3107	3107	3106	297
15°	3113	3113	3105	3098	3094	882
25°	3101	3095	3076	3059	3052	1433
35°	3007	2997	2972	2954	2945	1882
45°	2750	2738	2716	2703	2693	2118
55°	2274	2262	2246	2236	2229	2027
65°	1600	1593	1581	1577	1574	1579
75°	836	836	831	830	827	886
85°	178	181	183	184	183	207
90°	2	2	2	2	2	9
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	4	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	4	4	4	3	0
180°	3	3	3	3	3	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L850-CFD2

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	3103.6	3103.6	3103.6	3103.6	3103.6
0.5°	3102.9	3105.1	3105.9	3105.1	3103.6
1°	3103.6	3105.1	3105.9	3105.9	3104.4
1.5°	3104.4	3105.9	3105.9	3105.9	3105.1
2°	3104.4	3105.9	3105.9	3106.6	3105.1
2.5°	3105.1	3106.6	3106.6	3106.6	3105.1
3°	3105.9	3106.6	3106.6	3106.6	3105.9
3.5°	3105.9	3106.6	3106.6	3106.6	3105.9
4°	3106.6	3106.6	3106.6	3106.6	3105.9
4.5°	3106.6	3107.4	3106.6	3106.6	3105.9
5°	3106.6	3107.4	3106.6	3106.6	3105.9
5.5°	3106.6	3107.4	3106.6	3106.6	3105.9
6°	3107.4	3107.4	3106.6	3106.6	3105.1
6.5°	3107.4	3108.2	3107.4	3106.6	3105.1
7°	3107.4	3108.2	3106.6	3106.6	3105.1
7.5°	3107.4	3108.2	3106.6	3105.9	3104.4
8°	3108.2	3108.2	3107.4	3105.9	3104.4
8.5°	3108.2	3108.9	3106.6	3105.9	3103.6
9°	3108.9	3108.9	3107.4	3105.1	3103.6
9.5°	3108.9	3109.7	3106.6	3105.1	3102.9
10°	3109.7	3109.7	3106.6	3104.4	3102.1
10.5°	3110.4	3110.4	3106.6	3104.4	3102.1
11°	3110.4	3110.4	3106.6	3103.6	3101.3
11.5°	3111.2	3111.2	3106.6	3102.9	3100.6
12°	3111.2	3111.2	3106.6	3102.9	3099.8
12.5°	3111.9	3111.2	3105.9	3102.1	3099.1
13°	3111.9	3111.2	3105.9	3101.3	3098.3
13.5°	3112.7	3111.9	3105.9	3100.6	3097.6
14°	3112.7	3111.9	3105.9	3099.8	3096.0
14.5°	3113.4	3111.9	3105.1	3099.1	3095.3
15°	3113.4	3112.7	3105.1	3098.3	3094.5
15.5°	3114.2	3112.7	3104.4	3096.8	3093.0
16°	3113.4	3112.7	3103.6	3096.0	3091.5
16.5°	3114.2	3112.7	3103.6	3094.5	3090.0
17°	3114.2	3111.9	3102.9	3093.0	3089.2
17.5°	3114.2	3111.9	3101.3	3092.3	3087.7
18°	3114.2	3111.9	3100.6	3090.7	3085.4
18.5°	3114.2	3111.2	3099.8	3089.2	3083.9
19°	3113.4	3111.2	3099.1	3087.7	3082.4
19.5°	3113.4	3110.4	3097.6	3085.4	3080.1
20°	3112.7	3109.7	3096.0	3083.9	3078.6
20.5°	3111.9	3108.9	3095.3	3082.4	3076.4
21°	3111.9	3108.2	3093.8	3080.1	3074.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	3108.9	3104.4	3088.5	3073.3	3066.5
23°	3107.4	3102.9	3086.2	3071.1	3064.2
23.5°	3105.9	3101.3	3083.9	3068.0	3061.2
24°	3104.4	3099.8	3081.7	3065.0	3058.2
24.5°	3102.9	3097.6	3079.4	3062.0	3055.2
25°	3100.6	3095.3	3076.4	3058.9	3052.1
25.5°	3098.3	3093.0	3073.3	3055.9	3048.3
26°	3096.0	3090.7	3070.3	3052.9	3045.3
26.5°	3093.8	3087.7	3067.3	3049.1	3041.5
27°	3090.7	3084.7	3063.5	3045.3	3037.8
27.5°	3087.7	3081.7	3059.7	3041.5	3034.0
28°	3084.7	3077.9	3055.9	3037.8	3030.2
28.5°	3080.9	3074.1	3052.1	3033.2	3025.6
29°	3077.1	3070.3	3047.6	3028.7	3021.1
29.5°	3073.3	3065.8	3043.1	3024.1	3015.8
30°	3068.8	3061.2	3037.8	3018.8	3010.5
30.5°	3064.2	3056.7	3032.5	3013.5	3006.0
31°	3058.9	3051.4	3027.2	3008.2	2999.9
31.5°	3054.4	3046.1	3021.1	3002.9	2994.6
32°	3048.3	3040.0	3015.8	2996.9	2988.5
32.5°	3042.3	3034.0	3009.0	2990.1	2981.7
33°	3036.2	3027.2	3002.2	2984.0	2974.9
33.5°	3029.4	3020.3	2995.4	2977.2	2968.1
34°	3021.9	3012.8	2987.8	2969.6	2961.3
34.5°	3014.3	3005.2	2980.2	2962.1	2953.7
35°	3006.7	2996.9	2971.9	2953.7	2945.4
35.5°	2998.4	2988.5	2963.6	2945.4	2937.1
36°	2990.1	2979.5	2954.5	2937.1	2928.0
36.5°	2980.2	2970.4	2945.4	2928.0	2919.7
37°	2970.4	2960.5	2935.6	2918.1	2909.8
37.5°	2960.5	2949.9	2925.7	2908.3	2899.2
38°	2949.9	2940.1	2915.1	2898.5	2889.4
38.5°	2939.3	2928.7	2903.8	2887.1	2878.8
39°	2928.0	2916.6	2892.4	2876.5	2867.4
39.5°	2915.9	2904.5	2881.1	2864.4	2856.1
40°	2903.0	2892.4	2868.2	2852.3	2844.0
40.5°	2890.9	2879.5	2855.3	2840.2	2831.1
41°	2877.3	2865.9	2842.5	2826.6	2817.5
41.5°	2862.9	2851.5	2828.1	2812.9	2803.8
42°	2848.5	2837.2	2813.7	2799.3	2789.5
42.5°	2833.4	2822.0	2798.5	2784.2	2775.1
43°	2818.2	2806.1	2783.4	2769.0	2759.9
43.5°	2802.3	2790.2	2767.5	2753.1	2744.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2750.1	2738.0	2716.0	2703.2	2693.3
45.5°	2731.9	2719.1	2697.9	2685.0	2675.9
46°	2713.0	2700.1	2678.9	2666.1	2657.0
46.5°	2693.3	2680.5	2660.0	2647.2	2638.1
47°	2672.9	2660.8	2639.6	2628.2	2618.4
47.5°	2652.5	2639.6	2619.1	2607.8	2597.9
48°	2632.0	2618.4	2598.7	2586.6	2576.8
48.5°	2610.1	2597.2	2577.5	2566.2	2557.1
49°	2586.6	2574.5	2554.8	2542.7	2534.4
49.5°	2563.9	2551.8	2532.1	2520.7	2511.7
50°	2540.4	2527.5	2509.4	2498.0	2488.9
50.5°	2516.2	2503.3	2485.2	2473.8	2465.5
51°	2492.0	2479.1	2460.9	2449.6	2440.5
51.5°	2466.2	2453.4	2435.2	2424.6	2416.3
52°	2440.5	2427.6	2409.5	2399.6	2391.3
52.5°	2414.8	2401.9	2383.7	2373.1	2365.6
53°	2386.8	2374.6	2358.0	2348.1	2339.8
53.5°	2358.7	2346.6	2330.0	2320.1	2312.6
54°	2330.7	2318.6	2302.0	2292.1	2285.3
54.5°	2303.5	2290.6	2274.7	2264.9	2258.1
55°	2274.0	2261.8	2246.0	2236.1	2229.3
55.5°	2244.4	2232.3	2216.4	2206.6	2200.5
56°	2213.4	2202.0	2186.2	2177.8	2171.8
56.5°	2182.4	2171.8	2155.9	2147.5	2141.5
57°	2152.1	2140.7	2125.6	2118.0	2112.0
57.5°	2121.8	2109.7	2094.6	2087.0	2080.9
58°	2088.5	2077.1	2062.8	2055.2	2049.9
58.5°	2056.0	2045.4	2030.2	2023.4	2018.1
59°	2023.4	2012.8	1998.4	1991.6	1986.3
59.5°	1989.3	1979.5	1965.1	1958.3	1953.0
60°	1956.0	1945.4	1931.8	1925.8	1920.5
60.5°	1922.0	1912.9	1898.5	1892.4	1887.1
61°	1887.1	1878.1	1864.4	1858.4	1853.1
61.5°	1851.6	1844.0	1830.4	1824.3	1819.8
62°	1816.7	1809.2	1795.6	1790.3	1785.7
62.5°	1781.2	1773.6	1760.0	1754.7	1750.1
63°	1745.6	1738.0	1725.2	1719.9	1715.3
63.5°	1709.3	1701.7	1689.6	1684.3	1679.7
64°	1672.9	1665.4	1652.5	1648.7	1643.4
64.5°	1636.6	1629.0	1616.1	1612.4	1607.8
65°	1599.5	1593.4	1581.3	1576.8	1573.8
65.5°	1563.2	1555.6	1544.2	1540.4	1535.9
66°	1524.6	1518.5	1507.1	1503.4	1500.3





TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1412.5	1405.7	1395.9	1392.1	1388.3
68°	1373.9	1367.9	1358.0	1355.0	1351.2
68.5°	1335.3	1329.3	1319.4	1317.1	1314.9
69°	1296.7	1290.6	1282.3	1280.0	1277.0
69.5°	1258.9	1252.8	1245.2	1243.0	1239.2
70°	1220.2	1214.9	1207.4	1205.1	1201.3
70.5°	1181.6	1176.3	1169.5	1167.3	1163.5
71°	1143.0	1138.5	1132.4	1129.4	1125.6
71.5°	1105.2	1100.6	1093.8	1091.6	1088.5
72°	1066.6	1062.8	1056.0	1054.5	1050.7
72.5°	1028.0	1024.9	1018.1	1016.6	1013.6
73°	989.4	986.3	979.5	978.0	975.7
73.5°	951.5	948.5	942.4	940.2	937.9
74°	913.7	911.4	905.3	903.8	900.8
74.5°	875.1	873.6	868.3	866.0	863.7
75°	836.5	836.5	831.2	829.6	827.4
75.5°	799.4	799.4	794.1	792.6	790.3
76°	762.3	762.3	757.0	755.5	752.5
76.5°	724.8	725.1	720.6	719.1	716.6
77°	688.9	689.2	685.2	683.2	680.7
77.5°	650.5	652.4	649.0	647.2	644.7
78°	614.7	617.0	613.6	612.2	610.0
78.5°	581.0	582.4	580.2	578.5	575.5
79°	545.6	546.8	545.3	543.8	540.9
79.5°	510.8	512.7	511.7	510.4	507.0
80°	477.4	478.8	479.0	477.0	473.9
80.5°	442.3	445.1	445.6	443.5	441.9
81°	409.8	412.5	413.2	412.0	409.9
81.5°	377.9	381.0	381.7	381.0	378.3
82°	345.9	349.6	350.8	350.3	347.2
82.5°	315.3	319.5	320.7	320.3	317.5
83°	285.6	290.2	291.4	291.7	289.2
83.5°	256.9	261.3	262.7	263.2	260.4
84°	229.4	233.3	235.1	235.9	233.5
84.5°	203.2	206.4	208.5	209.5	208.4
85°	178.5	180.8	182.8	184.2	182.6
85.5°	154.6	156.4	157.9	160.0	158.7
86°	132.3	134.1	135.2	136.9	136.9
86.5°	111.1	112.0	112.8	114.8	114.8
87°	90.8	90.9	91.2	93.7	93.8
87.5°	70.1	70.7	71.0	73.2	74.0
88°	49.4	51.2	51.6	53.7	53.5
88.5°	35.0	35.0	34.9	36.9	37.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.7	1.6	1.7	1.7	1.6
90.5°	0.5	0.5	0.5	0.6	0.5
91°	0.5	0.5	0.5	0.5	0.5
91.5°	0.7	0.5	0.6	0.5	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	0.5
93.5°	0.7	0.5	0.6	0.6	0.7
94°	0.7	0.6	0.7	0.6	0.8
94.5°	0.7	0.7	0.6	0.7	0.7
95°	0.7	0.5	0.7	0.6	0.8
95.5°	0.6	0.7	0.8	0.7	0.8
96°	0.8	0.8	0.7	0.7	0.8
96.5°	0.8	0.8	0.8	0.7	0.8
97°	0.8	0.8	0.8	0.7	0.9
97.5°	0.9	0.8	0.8	0.7	0.9
98°	1.0	0.8	0.8	0.8	1.0
98.5°	1.0	0.8	0.8	0.8	0.9
99°	0.9	0.9	0.8	0.8	0.8
99.5°	1.0	0.8	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°	1.1	0.9	0.9	0.9	0.9
101.5°	1.1	0.9	1.0	1.0	1.1
102°	1.2	1.0	1.1	1.0	1.1
102.5°	1.1	1.0	1.0	1.1	1.1
103°	1.1	0.9	1.1	1.0	1.1
103.5°	1.1	1.1	1.1	1.1	1.0
104°	1.3	1.1	1.1	1.1	1.0
104.5°	1.1	1.2	1.2	1.2	1.1
105°	1.4	1.2	1.1	1.3	1.3
105.5°	1.3	1.1	1.2	1.1	1.1
106°	1.2	1.2	1.3	1.3	1.4
106.5°	1.4	1.2	1.3	1.2	1.1
107°	1.3	1.3	1.4	1.4	1.2
107.5°	1.4	1.3	1.4	1.4	1.4
108°	1.4	1.3	1.2	1.4	1.3
108.5°	1.4	1.4	1.4	1.4	1.3
109°	1.5	1.4	1.4	1.4	1.5
109.5°	1.6	1.4	1.6	1.5	1.4
110°	1.5	1.5	1.5	1.6	1.5
110.5°	1.6	1.5	1.6	1.6	1.7
111°	1.6	1.7	1.7	1.7	1.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.8	1.9	2.0	1.9	1.7
113°	2.0	1.8	1.8	1.9	1.9
113.5°	2.0	2.0	2.0	2.1	2.1
114°	2.1	2.1	2.2	2.2	2.1
114.5°	2.3	2.3	2.2	2.2	2.0
115°	2.3	2.3	2.2	2.3	2.2
115.5°	2.5	2.3	2.4	2.3	2.2
116°	2.4	2.5	2.5	2.4	2.3
116.5°	2.6	2.6	2.6	2.6	2.5
117°	2.7	2.7	2.7	2.7	2.4
117.5°	2.9	2.7	2.8	2.7	2.6
118°	2.9	2.8	3.0	2.8	2.6
118.5°	3.1	3.0	3.0	2.9	2.8
119°	3.1	3.1	3.2	3.0	3.0
119.5°	3.2	3.2	3.2	3.1	3.0
120°	3.3	3.3	3.3	3.2	3.3
120.5°	3.4	3.3	3.4	3.3	3.3
121°	3.4	3.4	3.4	3.4	3.3
121.5°	3.8	3.6	3.6	3.4	3.4
122°	3.6	3.8	3.6	3.6	3.6
122.5°	3.9	3.8	3.7	3.7	3.6
123°	3.9	3.9	3.8	3.8	3.7
123.5°	3.9	4.1	3.9	3.7	3.9
124°	4.0	4.1	4.0	3.9	3.9
124.5°	4.2	4.1	4.0	3.9	3.9
125°	4.4	4.2	4.2	4.1	4.1
125.5°	4.4	4.3	4.2	4.1	4.2
126°	4.4	4.2	4.2	4.2	4.1
126.5°	4.2	4.3	4.4	4.2	4.2
127°	4.4	4.4	4.2	4.2	4.1
127.5°	4.5	4.5	4.4	4.2	4.1
128°	4.5	4.3	4.3	4.2	4.2
128.5°	4.4	4.4	4.2	4.1	4.2
129°	4.3	4.3	4.2	4.2	4.1
129.5°	4.2	4.3	4.2	4.2	4.2
130°	4.2	4.3	4.2	4.0	4.1
130.5°	4.4	4.2	4.2	3.9	4.1
131°	4.2	4.2	4.2	3.9	4.0
131.5°	4.2	4.1	3.9	3.9	3.9
132°	4.2	4.0	4.0	3.9	3.9
132.5°	4.2	4.0	3.9	3.9	3.9
133°	4.0	3.9	3.9	3.6	3.8
133.5°	4.1	3.9	3.7	3.6	3.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	3.9	3.7	3.6	3.5	3.8
135.5°	3.7	3.8	3.6	3.4	3.6
136°	3.6	3.6	3.4	3.3	3.6
136.5°	3.7	3.6	3.4	3.3	3.6
137°	3.6	3.5	3.4	3.3	3.5
137.5°	3.6	3.4	3.3	3.1	3.3
138°	3.5	3.3	3.2	3.1	3.3
138.5°	3.6	3.3	3.3	3.0	3.3
139°	3.1	3.3	3.2	2.9	3.3
139.5°	3.3	3.1	3.0	3.0	3.3
140°	3.3	3.0	3.1	2.9	3.0
140.5°	3.3	3.0	3.0	2.9	3.0
141°	3.1	3.0	3.0	2.7	2.9
141.5°	2.9	3.0	3.0	2.7	2.9
142°	2.8	2.8	3.0	2.8	2.6
142.5°	2.8	3.0	2.9	2.7	2.6
143°	3.0	2.9	2.9	2.8	2.6
143.5°	3.0	2.9	2.9	2.6	2.6
144°	3.0	2.7	3.0	2.6	2.7
144.5°	2.8	2.7	2.8	2.6	2.7
145°	2.9	2.7	2.8	2.5	2.7
145.5°	2.8	2.6	2.7	2.5	2.9
146°	2.8	2.6	2.6	2.5	2.7
146.5°	2.9	2.6	2.6	2.5	2.7
147°	2.8	2.6	2.5	2.6	2.6
147.5°	2.7	2.6	2.5	2.6	2.8
148°	2.8	2.6	2.6	2.5	2.8
148.5°	2.9	2.7	2.6	2.5	2.8
149°	2.8	2.6	2.6	2.5	2.8
149.5°	3.0	2.6	2.6	2.5	2.9
150°	2.9	2.7	2.6	2.5	2.8
150.5°	2.8	2.6	2.6	2.6	2.8
151°	3.0	2.6	2.5	2.6	3.0
151.5°	2.9	2.7	2.5	2.6	3.0
152°	3.0	2.7	2.6	2.7	2.8
152.5°	3.0	2.8	2.6	2.6	3.0
153°	2.9	2.7	2.6	2.8	3.0
153.5°	3.1	2.8	2.6	2.7	3.0
154°	3.0	2.8	2.7	2.7	3.0
154.5°	3.0	2.7	2.7	2.9	3.0
155°	2.8	2.8	2.8	2.9	3.1
155.5°	3.0	2.7	2.7	2.8	3.0
156°	2.8	2.8	2.8	2.8	3.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	2.8	2.6	2.7	2.9	3.0
158°	3.0	2.8	2.7	2.8	3.0
158.5°	2.9	2.8	2.6	2.8	3.0
159°	3.0	2.8	2.7	2.8	3.1
159.5°	2.9	2.7	2.7	2.8	3.2
160°	2.9	2.8	2.6	2.8	3.0
160.5°	2.8	2.7	2.7	2.9	3.0
161°	2.8	2.7	2.7	2.9	3.0
161.5°	2.9	2.8	2.7	2.7	2.9
162°	2.8	2.7	2.8	2.9	2.9
162.5°	3.0	2.9	2.8	2.8	3.0
163°	3.0	2.8	2.9	2.9	2.9
163.5°	2.9	2.8	2.9	2.9	3.1
164°	2.8	2.9	2.8	3.0	3.0
164.5°	2.7	3.0	2.9	3.0	3.1
165°	2.8	2.8	2.7	3.0	3.0
165.5°	2.6	2.8	2.7	3.2	3.0
166°	2.9	2.9	2.8	3.0	3.0
166.5°	2.9	2.8	2.7	3.1	2.8
167°	2.8	3.0	2.8	3.2	3.1
167.5°	2.9	3.0	2.9	3.3	3.1
168°	3.0	3.0	2.8	3.2	3.0
168.5°	2.9	3.1	3.0	3.4	3.1
169°	3.1	3.0	2.8	3.4	3.1
169.5°	3.0	3.0	2.9	3.3	3.2
170°	3.1	3.0	3.0	3.4	3.1
170.5°	3.1	3.2	3.0	3.4	3.3
171°	3.1	3.1	3.1	3.4	3.3
171.5°	3.0	3.1	3.1	3.5	3.2
172°	3.0	3.1	3.2	3.5	3.3
172.5°	3.2	3.2	3.3	3.5	3.3
173°	3.0	3.0	3.3	3.5	3.3
173.5°	3.3	3.2	3.3	3.4	3.4
174°	3.3	3.3	3.6	3.5	3.3
174.5°	3.3	3.5	3.5	3.6	3.5
175°	3.6	3.5	3.6	3.6	3.4
175.5°	3.6	3.5	3.7	3.6	3.6
176°	3.7	3.6	3.6	3.5	3.5
176.5°	3.8	3.6	3.6	3.3	3.5
177°	3.6	3.6	3.4	3.3	3.5
177.5°	3.7	3.6	3.3	3.3	3.6
178°	3.5	3.4	3.3	3.3	3.3
178.5°	3.4	3.3	3.2	3.2	3.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	3.0	3.0	3.0	3.0	3.0



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	3111.2	3107.4	3092.3	3077.9	3071.8
22°	3109.7	3105.9	3090.0	3075.6	3069.5



44°	2784.9	2773.6	2750.9	2737.2	2728.1
44.5°	2767.5	2755.4	2734.2	2719.8	2710.7



66.5°	1487.5	1481.4	1470.1	1466.3	1462.5
67°	1450.4	1443.6	1433.0	1429.2	1426.1



89°	22.1	21.7	21.5	22.6	22.9
89.5°	9.8	9.9	9.7	10.4	10.2



111.5°	1.9	1.7	1.7	1.7	1.7
112°	1.9	1.7	1.7	1.7	1.9





134°	3.9	3.8	3.7	3.6	3.9
134.5°	3.9	3.7	3.7	3.5	3.6



156.5°	3.0	2.7	2.8	2.9	3.0
157°	2.9	2.7	2.8	2.8	3.0



179°	3.3	3.2	3.0	3.1	3.3
179.5°	2.9	3.0	3.0	2.9	3.1



(END OF REPORT)