

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-L840-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-L840-CFD2
Description: 11000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 4000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

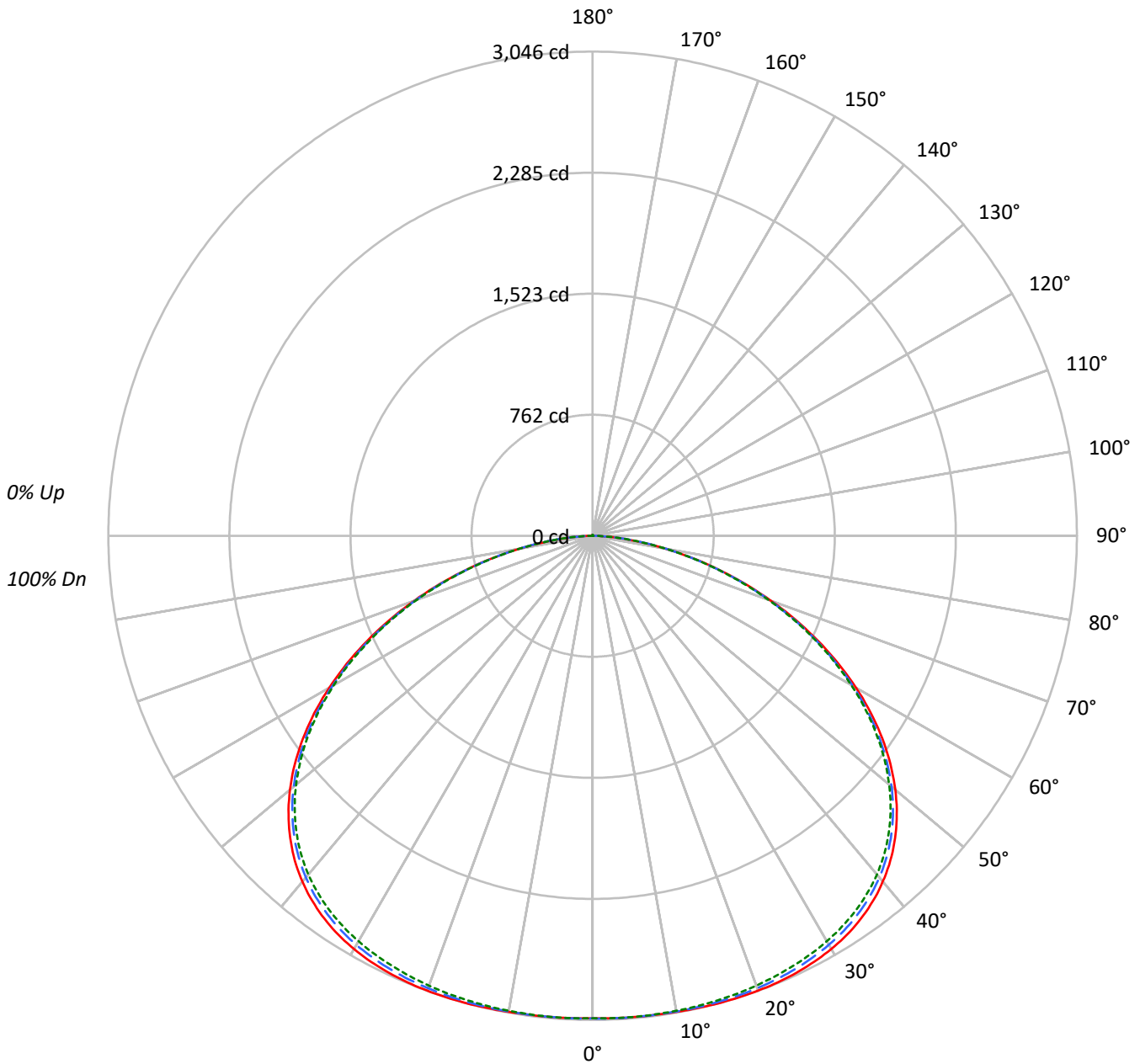
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10993.0 lumens
Efficiency: N/A
Efficacy: 126.9 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°	2167	2167	2167
5°	2170	2166	2169
10°	2189	2180	2183
15°	2225	2209	2212
20°	2278	2251	2253
25°	2342	2305	2306
30°	2415	2367	2369
35°	2488	2430	2438
40°	2554	2488	2502
45°	2604	2529	2550
50°	2626	2542	2572
55°	2609	2516	2557
60°	2543	2441	2497
65°	2420	2312	2381
70°	2229	2113	2194
75°	1945	1828	1924
80°	1544	1433	1532
85°	959	865	981



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	290.1	2.6
10°-20°	860.5	7.8
20°-30°	1391.0	12.7
30°-40°	1821.9	16.6
40°-50°	2049.3	18.6
50°-60°	1961.0	17.8
60°-70°	1529.4	13.9
70°-80°	861.9	7.8
80°-90°	213.3	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°	2.8	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°	2541.6	23.1
0°-40°	4363.5	39.7
0°-60°	8373.9	76.2
0°-90°	10978.5	99.9
90°-120°	4.2	0.0
90°-150°	12.2	0.1
90°-180°	15.0	0.1
0°-180°	10993.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3036	3036	3036	3036	3036	
5°	3039	3040	3039	3039	3038	290
15°	3046	3045	3037	3031	3027	863
25°	3033	3028	3009	2992	2986	1402
35°	2941	2932	2907	2889	2881	1841
45°	2690	2678	2657	2644	2635	2072
55°	2224	2212	2197	2187	2181	1983
65°	1565	1559	1547	1542	1539	1545
75°	818	818	813	812	809	867
85°	175	177	179	180	179	202
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°	3035.9	3035.9	3035.9	3035.9	3035.9
0.5°	3035.2	3037.4	3038.2	3037.4	3035.9
1°	3035.9	3037.4	3038.2	3038.2	3036.7
1.5°	3036.7	3038.2	3038.2	3038.2	3037.4
2°	3036.7	3038.2	3038.2	3038.9	3037.4
2.5°	3037.4	3038.9	3038.9	3038.9	3037.4
3°	3038.2	3038.9	3038.9	3038.9	3038.2
3.5°	3038.2	3038.9	3038.9	3038.9	3038.2
4°	3038.9	3038.9	3038.9	3038.9	3038.2
4.5°	3038.9	3039.6	3038.9	3038.9	3038.2
5°	3038.9	3039.6	3038.9	3038.9	3038.2
5.5°	3038.9	3039.6	3038.9	3038.9	3038.2
6°	3039.6	3039.6	3038.9	3038.9	3037.4
6.5°	3039.6	3040.4	3039.6	3038.9	3037.4
7°	3039.6	3040.4	3038.9	3038.9	3037.4
7.5°	3039.6	3040.4	3038.9	3038.2	3036.7
8°	3040.4	3040.4	3039.6	3038.2	3036.7
8.5°	3040.4	3041.1	3038.9	3038.2	3035.9
9°	3041.1	3041.1	3039.6	3037.4	3035.9
9.5°	3041.1	3041.9	3038.9	3037.4	3035.2
10°	3041.9	3041.9	3038.9	3036.7	3034.5
10.5°	3042.6	3042.6	3038.9	3036.7	3034.5
11°	3042.6	3042.6	3038.9	3035.9	3033.7
11.5°	3043.4	3043.4	3038.9	3035.2	3033.0
12°	3043.4	3043.4	3038.9	3035.2	3032.2
12.5°	3044.1	3043.4	3038.2	3034.5	3031.5
13°	3044.1	3043.4	3038.2	3033.7	3030.8
13.5°	3044.8	3044.1	3038.2	3033.0	3030.0
14°	3044.8	3044.1	3038.2	3032.2	3028.5
14.5°	3045.6	3044.1	3037.4	3031.5	3027.8
15°	3045.6	3044.8	3037.4	3030.8	3027.1
15.5°	3046.3	3044.8	3036.7	3029.3	3025.6
16°	3045.6	3044.8	3035.9	3028.5	3024.1
16.5°	3046.3	3044.8	3035.9	3027.1	3022.6
17°	3046.3	3044.1	3035.2	3025.6	3021.9
17.5°	3046.3	3044.1	3033.7	3024.8	3020.4
18°	3046.3	3044.1	3033.0	3023.4	3018.2
18.5°	3046.3	3043.4	3032.2	3021.9	3016.7
19°	3045.6	3043.4	3031.5	3020.4	3015.2
19.5°	3045.6	3042.6	3030.0	3018.2	3013.0
20°	3044.8	3041.9	3028.5	3016.7	3011.5
20.5°	3044.1	3041.1	3027.8	3015.2	3009.3
21°	3044.1	3040.4	3026.3	3013.0	3007.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	3041.1	3036.7	3021.1	3006.3	2999.7
23°	3039.6	3035.2	3018.9	3004.1	2997.4
23.5°	3038.2	3033.7	3016.7	3001.1	2994.5
24°	3036.7	3032.2	3014.5	2998.2	2991.5
24.5°	3035.2	3030.0	3012.3	2995.2	2988.6
25°	3033.0	3027.8	3009.3	2992.3	2985.6
25.5°	3030.8	3025.6	3006.3	2989.3	2981.9
26°	3028.5	3023.4	3003.4	2986.3	2978.9
26.5°	3026.3	3020.4	3000.4	2982.6	2975.2
27°	3023.4	3017.4	2996.7	2978.9	2971.5
27.5°	3020.4	3014.5	2993.0	2975.2	2967.8
28°	3017.4	3010.8	2989.3	2971.5	2964.1
28.5°	3013.7	3007.1	2985.6	2967.1	2959.7
29°	3010.0	3003.4	2981.2	2962.6	2955.2
29.5°	3006.3	2998.9	2976.7	2958.2	2950.1
30°	3001.9	2994.5	2971.5	2953.0	2944.9
30.5°	2997.4	2990.0	2966.3	2947.8	2940.4
31°	2992.3	2984.9	2961.2	2942.6	2934.5
31.5°	2987.8	2979.7	2955.2	2937.5	2929.3
32°	2981.9	2973.7	2950.1	2931.5	2923.4
32.5°	2976.0	2967.8	2943.4	2924.9	2916.7
33°	2970.0	2961.2	2936.7	2919.0	2910.1
33.5°	2963.4	2954.5	2930.1	2912.3	2903.4
34°	2956.0	2947.1	2922.7	2904.9	2896.7
34.5°	2948.6	2939.7	2915.2	2897.5	2889.3
35°	2941.2	2931.5	2907.1	2889.3	2881.2
35.5°	2933.0	2923.4	2899.0	2881.2	2873.0
36°	2924.9	2914.5	2890.1	2873.0	2864.2
36.5°	2915.2	2905.6	2881.2	2864.2	2856.0
37°	2905.6	2896.0	2871.6	2854.5	2846.4
37.5°	2896.0	2885.6	2861.9	2844.9	2836.0
38°	2885.6	2876.0	2851.6	2835.3	2826.4
38.5°	2875.3	2864.9	2840.5	2824.2	2816.0
39°	2864.2	2853.1	2829.4	2813.8	2804.9
39.5°	2852.3	2841.2	2818.2	2802.0	2793.8
40°	2839.7	2829.4	2805.7	2790.1	2782.0
40.5°	2827.9	2816.8	2793.1	2778.3	2769.4
41°	2814.5	2803.4	2780.5	2764.9	2756.0
41.5°	2800.5	2789.4	2766.4	2751.6	2742.7
42°	2786.4	2775.3	2752.3	2738.3	2728.7
42.5°	2771.6	2760.5	2737.5	2723.5	2714.6
43°	2756.8	2744.9	2722.7	2708.7	2699.8
43.5°	2741.2	2729.4	2707.2	2693.1	2684.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	2690.1	2678.3	2656.8	2644.2	2634.6
45.5°	2672.4	2659.8	2639.1	2626.5	2617.6
46°	2653.9	2641.3	2620.5	2608.0	2599.1
46.5°	2634.6	2622.0	2602.0	2589.4	2580.6
47°	2614.6	2602.8	2582.0	2570.9	2561.3
47.5°	2594.6	2582.0	2562.0	2550.9	2541.3
48°	2574.6	2561.3	2542.1	2530.2	2520.6
48.5°	2553.2	2540.6	2521.3	2510.2	2501.3
49°	2530.2	2518.4	2499.1	2487.3	2479.1
49.5°	2508.0	2496.1	2476.9	2465.8	2456.9
50°	2485.0	2472.4	2454.7	2443.6	2434.7
50.5°	2461.3	2448.8	2431.0	2419.9	2411.7
51°	2437.6	2425.1	2407.3	2396.2	2387.3
51.5°	2412.5	2399.9	2382.1	2371.7	2363.6
52°	2387.3	2374.7	2356.9	2347.3	2339.2
52.5°	2362.1	2349.5	2331.8	2321.4	2314.0
53°	2334.7	2322.9	2306.6	2297.0	2288.8
53.5°	2307.3	2295.5	2279.2	2269.6	2262.2
54°	2279.9	2268.1	2251.8	2242.2	2235.5
54.5°	2253.3	2240.7	2225.1	2215.5	2208.8
55°	2224.4	2212.5	2197.0	2187.4	2180.7
55.5°	2195.5	2183.7	2168.1	2158.5	2152.6
56°	2165.1	2154.0	2138.5	2130.3	2124.4
56.5°	2134.8	2124.4	2108.9	2100.7	2094.8
57°	2105.2	2094.1	2079.3	2071.8	2065.9
57.5°	2075.6	2063.7	2048.9	2041.5	2035.6
58°	2043.0	2031.9	2017.8	2010.4	2005.2
58.5°	2011.1	2000.8	1986.0	1979.3	1974.1
59°	1979.3	1968.9	1954.9	1948.2	1943.0
59.5°	1946.0	1936.3	1922.3	1915.6	1910.4
60°	1913.4	1903.0	1889.7	1883.8	1878.6
60.5°	1880.1	1871.2	1857.1	1851.2	1846.0
61°	1846.0	1837.1	1823.8	1817.9	1812.7
61.5°	1811.2	1803.8	1790.5	1784.5	1780.1
62°	1777.1	1769.7	1756.4	1751.2	1746.8
62.5°	1742.3	1734.9	1721.6	1716.4	1712.0
63°	1707.5	1700.1	1687.5	1682.4	1677.9
63.5°	1672.0	1664.6	1652.7	1647.6	1643.1
64°	1636.4	1629.0	1616.5	1612.8	1607.6
64.5°	1600.9	1593.5	1580.9	1577.2	1572.8
65°	1564.6	1558.7	1546.9	1542.4	1539.4
65.5°	1529.1	1521.7	1510.6	1506.9	1502.4
66°	1491.3	1485.4	1474.3	1470.6	1467.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1381.7	1375.1	1365.4	1361.7	1358.0
68°	1344.0	1338.0	1328.4	1325.5	1321.7
68.5°	1306.2	1300.3	1290.6	1288.4	1286.2
69°	1268.4	1262.5	1254.4	1252.1	1249.2
69.5°	1231.4	1225.5	1218.1	1215.9	1212.2
70°	1193.6	1188.5	1181.1	1178.8	1175.1
70.5°	1155.9	1150.7	1144.0	1141.8	1138.1
71°	1118.1	1113.7	1107.8	1104.8	1101.1
71.5°	1081.1	1076.7	1070.0	1067.8	1064.8
72°	1043.3	1039.6	1033.0	1031.5	1027.8
72.5°	1005.6	1002.6	995.9	994.5	991.5
73°	967.8	964.8	958.2	956.7	954.5
73.5°	930.8	927.8	921.9	919.7	917.4
74°	893.8	891.5	885.6	884.1	881.2
74.5°	856.0	854.5	849.3	847.1	844.9
75°	818.2	818.2	813.0	811.6	809.3
75.5°	781.9	781.9	776.8	775.3	773.1
76°	745.7	745.7	740.5	739.1	736.1
76.5°	709.0	709.3	704.9	703.4	700.9
77°	673.9	674.2	670.3	668.3	665.8
77.5°	636.4	638.1	634.9	633.1	630.7
78°	601.3	603.6	600.2	598.8	596.7
78.5°	568.3	569.7	567.6	565.9	563.0
79°	533.7	534.8	533.4	532.0	529.1
79.5°	499.7	501.5	500.6	499.2	496.0
80°	467.0	468.4	468.6	466.6	463.5
80.5°	432.7	435.4	435.8	433.8	432.3
81°	400.9	403.5	404.2	403.0	401.0
81.5°	369.6	372.7	373.3	372.7	370.0
82°	338.3	342.0	343.1	342.6	339.7
82.5°	308.4	312.6	313.7	313.3	310.6
83°	279.4	283.9	285.0	285.4	282.9
83.5°	251.3	255.6	257.0	257.5	254.7
84°	224.4	228.2	230.0	230.7	228.4
84.5°	198.7	201.9	204.0	205.0	203.9
85°	174.6	176.8	178.8	180.2	178.6
85.5°	151.2	153.0	154.5	156.5	155.3
86°	129.4	131.2	132.2	133.9	133.9
86.5°	108.7	109.5	110.3	112.3	112.3
87°	88.9	88.9	89.2	91.7	91.7
87.5°	68.6	69.2	69.5	71.6	72.3
88°	48.4	50.1	50.5	52.5	52.4
88.5°	34.2	34.2	34.1	36.1	36.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	1.6	1.6	1.6	1.7	1.6
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°	1.6	1.3	1.6	1.5	1.3
110°	1.5	1.5	1.5	1.6	1.5
110.5°	1.6	1.5	1.6	1.6	1.6
111°	1.6	1.6	1.6	1.6	1.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L840-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.8	1.9	1.9	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	2.1	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	3.0
120°	3.3	3.3	3.2	3.1	3.2
120.5°	3.3	3.2	3.3	3.3	3.2
121°	3.3	3.3	3.3	3.3	3.2
121.5°	3.7	3.6	3.5	3.3	3.3
122°	3.5	3.7	3.6	3.5	3.6
122.5°	3.8	3.7	3.6	3.6	3.5
123°	3.9	3.9	3.7	3.7	3.6
123.5°	3.9	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	3.9	3.9
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	4.4	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	3.9	3.9
131.5°	4.1	4.0	3.9	3.8	3.9
132°	4.1	3.9	3.9	3.8	3.8
132.5°	4.1	3.9	3.9	3.8	3.9
133°	3.9	3.8	3.8	3.6	3.7
133.5°	4.0	3.8	3.6	3.5	3.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L840-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	3.9	3.6	3.5	3.4	3.7
135.5°	3.6	3.7	3.5	3.3	3.6
136°	3.6	3.5	3.3	3.2	3.6
136.5°	3.6	3.5	3.3	3.2	3.5
137°	3.6	3.4	3.3	3.2	3.4
137.5°	3.5	3.3	3.3	3.0	3.3
138°	3.4	3.3	3.1	3.0	3.3
138.5°	3.5	3.3	3.2	3.0	3.2
139°	3.0	3.2	3.1	2.8	3.3
139.5°	3.3	3.0	3.0	2.9	3.2
140°	3.2	3.0	3.0	2.8	3.0
140.5°	3.2	3.0	3.0	2.8	3.0
141°	3.0	3.0	2.9	2.7	2.8
141.5°	2.8	3.0	3.0	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	3.0
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	3.0
155°	2.7	2.7	2.7	2.8	3.0
155.5°	2.9	2.7	2.7	2.7	3.0
156°	2.7	2.7	2.7	2.7	3.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L840-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	2.7	2.6	2.7	2.8	2.9
158°	3.0	2.7	2.7	2.7	3.0
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	3.0
160.5°	2.7	2.7	2.7	2.8	3.0
161°	2.7	2.7	2.7	2.8	3.0
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	3.0	3.0
164.5°	2.7	2.9	2.8	3.0	3.0
165°	2.7	2.7	2.7	2.9	3.0
165.5°	2.6	2.7	2.7	3.1	3.0
166°	2.8	2.8	2.7	3.0	2.9
166.5°	2.8	2.7	2.7	3.0	2.7
167°	2.7	3.0	2.7	3.1	3.0
167.5°	2.8	3.0	2.8	3.2	3.0
168°	2.9	2.9	2.7	3.1	3.0
168.5°	2.8	3.0	2.9	3.3	3.0
169°	3.0	3.0	2.7	3.3	3.0
169.5°	3.0	3.0	2.8	3.3	3.1
170°	3.0	3.0	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	3.3
171.5°	3.0	3.0	3.0	3.4	3.1
172°	3.0	3.0	3.1	3.4	3.2
172.5°	3.1	3.1	3.2	3.4	3.2
173°	3.0	3.0	3.2	3.4	3.3
173.5°	3.2	3.1	3.3	3.3	3.3
174°	3.3	3.3	3.5	3.4	3.3
174.5°	3.3	3.4	3.4	3.6	3.4
175°	3.5	3.4	3.5	3.6	3.3
175.5°	3.5	3.4	3.6	3.5	3.5
176°	3.6	3.6	3.5	3.4	3.4
176.5°	3.7	3.5	3.6	3.3	3.4
177°	3.6	3.5	3.3	3.3	3.4
177.5°	3.6	3.5	3.3	3.2	3.5
178°	3.4	3.3	3.2	3.2	3.3
178.5°	3.3	3.3	3.1	3.1	3.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L840-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°	3043.4	3039.6	3024.8	3010.8	3004.8
22°	3041.9	3038.2	3022.6	3008.5	3002.6



44°	2724.2	2713.1	2690.9	2677.6	2668.7
44.5°	2707.2	2695.3	2674.6	2660.5	2651.6



66.5°	1455.0	1449.1	1438.0	1434.3	1430.6
67°	1418.8	1412.1	1401.7	1398.0	1395.1



89°	21.6	21.3	21.0	22.1	22.4
89.5°	9.6	9.7	9.5	10.1	10.0



111.5°	1.9	1.6	1.7	1.7	1.6
112°	1.9	1.7	1.7	1.7	1.9



134°	3.8	3.7	3.6	3.6	3.8
134.5°	3.9	3.6	3.6	3.4	3.6



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	3.0	3.0	3.2
179.5°	2.8	3.0	2.9	2.8	3.0



(END OF REPORT)