

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-120-L935-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-120-L935-CFR2  
Description: 12000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS  
AND 3500K CCT, 90CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No. Condition Description

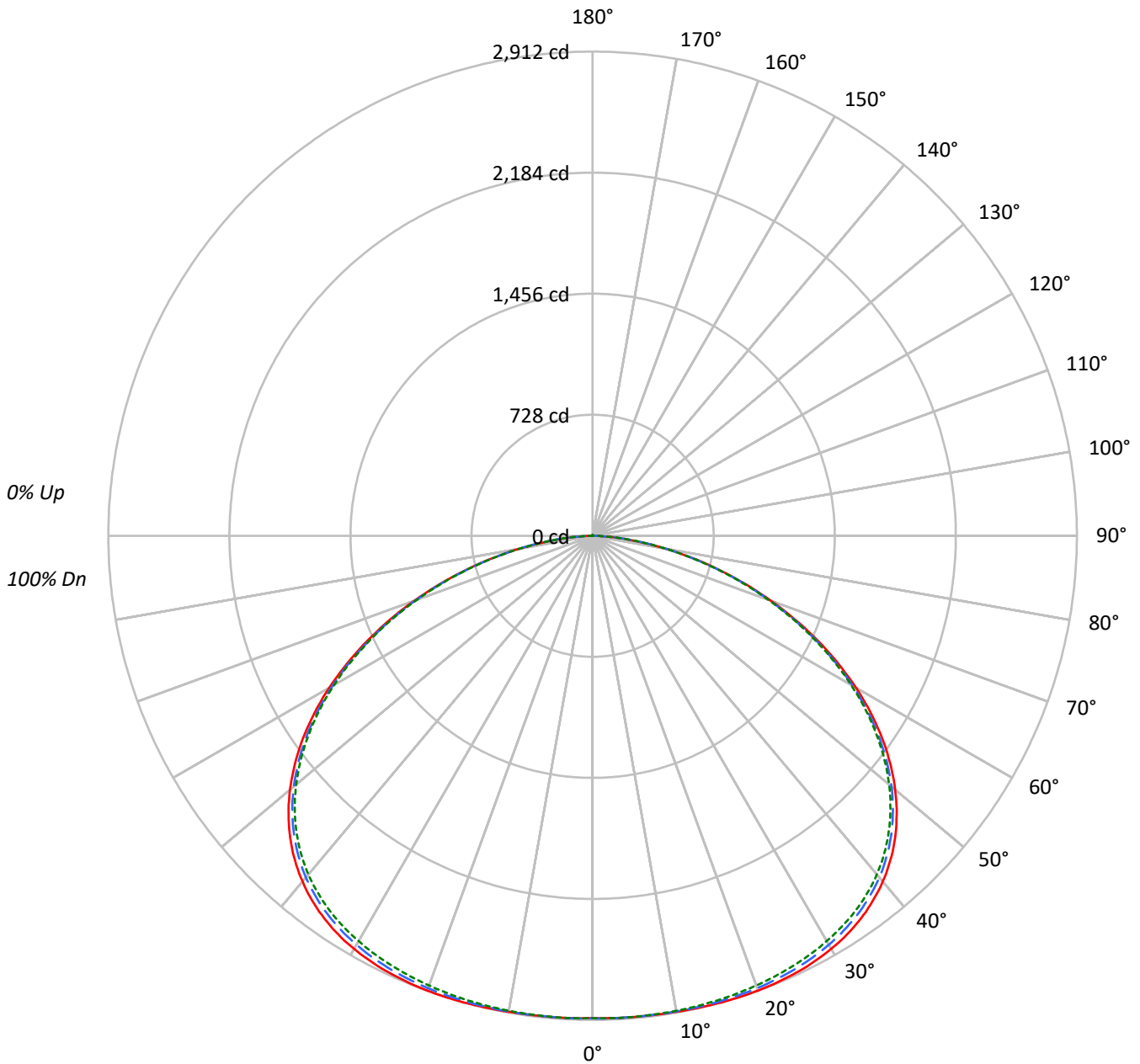
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10507.0 lumens  
Efficiency: N/A  
Efficacy: 109.9 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): 95.6  
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

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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				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°	2072	2072	2072
5°	2082	2082	2081
10°	2108	2106	2102
15°	2151	2146	2138
20°	2211	2199	2187
25°	2283	2266	2248
30°	2365	2341	2320
35°	2450	2422	2400
40°	2529	2499	2478
45°	2596	2564	2542
50°	2638	2606	2584
55°	2646	2614	2594
60°	2611	2579	2564
65°	2526	2498	2486
70°	2381	2356	2344
75°	2157	2143	2134
80°	1835	1841	1821
85°	1367	1400	1398



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	277.3	2.6
10°-20°	822.4	7.8
20°-30°	1329.5	12.7
30°-40°	1741.4	16.6
40°-50°	1958.7	18.6
50°-60°	1874.3	17.8
60°-70°	1461.8	13.9
70°-80°	823.8	7.8
80°-90°	203.8	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°	2429.2	23.1
0°-40°	4170.6	39.7
0°-60°	8003.6	76.2
0°-90°	10493.1	99.9
90°-120°	4.0	0.0
90°-150°	11.6	0.1
90°-180°	14.0	0.1
0°-180°	10507.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2902	2902	2902	2902	2902	
5°	2905	2905	2905	2905	2904	277
15°	2911	2910	2903	2897	2893	825
25°	2899	2894	2876	2860	2854	1340
35°	2811	2802	2779	2762	2754	1760
45°	2571	2560	2539	2527	2518	1981
55°	2126	2115	2100	2091	2084	1895
65°	1496	1490	1478	1474	1471	1476
75°	782	782	777	776	774	829
85°	167	169	171	172	171	194
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	4	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°	2901.7	2901.7	2901.7	2901.7	2901.7
0.5°	2901.0	2903.1	2903.9	2903.1	2901.7
1°	2901.7	2903.1	2903.9	2903.9	2902.4
1.5°	2902.4	2903.9	2903.9	2903.9	2903.1
2°	2902.4	2903.9	2903.9	2904.6	2903.1
2.5°	2903.1	2904.6	2904.6	2904.6	2903.1
3°	2903.9	2904.6	2904.6	2904.6	2903.9
3.5°	2903.9	2904.6	2904.6	2904.6	2903.9
4°	2904.6	2904.6	2904.6	2904.6	2903.9
4.5°	2904.6	2905.3	2904.6	2904.6	2903.9
5°	2904.6	2905.3	2904.6	2904.6	2903.9
5.5°	2904.6	2905.3	2904.6	2904.6	2903.9
6°	2905.3	2905.3	2904.6	2904.6	2903.1
6.5°	2905.3	2906.0	2905.3	2904.6	2903.1
7°	2905.3	2906.0	2904.6	2904.6	2903.1
7.5°	2905.3	2906.0	2904.6	2903.9	2902.4
8°	2906.0	2906.0	2905.3	2903.9	2902.4
8.5°	2906.0	2906.7	2904.6	2903.9	2901.7
9°	2906.7	2906.7	2905.3	2903.1	2901.7
9.5°	2906.7	2907.4	2904.6	2903.1	2901.0
10°	2907.4	2907.4	2904.6	2902.4	2900.3
10.5°	2908.1	2908.1	2904.6	2902.4	2900.3
11°	2908.1	2908.1	2904.6	2901.7	2899.6
11.5°	2908.8	2908.8	2904.6	2901.0	2898.9
12°	2908.8	2908.8	2904.6	2901.0	2898.2
12.5°	2909.5	2908.8	2903.9	2900.3	2897.5
13°	2909.5	2908.8	2903.9	2899.6	2896.8
13.5°	2910.2	2909.5	2903.9	2898.9	2896.1
14°	2910.2	2909.5	2903.9	2898.2	2894.7
14.5°	2910.9	2909.5	2903.1	2897.5	2893.9
15°	2910.9	2910.2	2903.1	2896.8	2893.2
15.5°	2911.6	2910.2	2902.4	2895.4	2891.8
16°	2910.9	2910.2	2901.7	2894.7	2890.4
16.5°	2911.6	2910.2	2901.7	2893.2	2889.0
17°	2911.6	2909.5	2901.0	2891.8	2888.3
17.5°	2911.6	2909.5	2899.6	2891.1	2886.9
18°	2911.6	2909.5	2898.9	2889.7	2884.7
18.5°	2911.6	2908.8	2898.2	2888.3	2883.3
19°	2910.9	2908.8	2897.5	2886.9	2881.9
19.5°	2910.9	2908.1	2896.1	2884.7	2879.8
20°	2910.2	2907.4	2894.7	2883.3	2878.4
20.5°	2909.5	2906.7	2893.9	2881.9	2876.2
21°	2909.5	2906.0	2892.5	2879.8	2874.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	2906.7	2902.4	2887.6	2873.4	2867.0
23°	2905.3	2901.0	2885.5	2871.3	2864.9
23.5°	2903.9	2899.6	2883.3	2868.5	2862.1
24°	2902.4	2898.2	2881.2	2865.6	2859.3
24.5°	2901.0	2896.1	2879.1	2862.8	2856.4
25°	2898.9	2893.9	2876.2	2860.0	2853.6
25.5°	2896.8	2891.8	2873.4	2857.1	2850.1
26°	2894.7	2889.7	2870.6	2854.3	2847.2
26.5°	2892.5	2886.9	2867.8	2850.8	2843.7
27°	2889.7	2884.0	2864.2	2847.2	2840.2
27.5°	2886.9	2881.2	2860.7	2843.7	2836.6
28°	2884.0	2877.7	2857.1	2840.2	2833.1
28.5°	2880.5	2874.1	2853.6	2835.9	2828.8
29°	2877.0	2870.6	2849.4	2831.7	2824.6
29.5°	2873.4	2866.3	2845.1	2827.4	2819.6
30°	2869.2	2862.1	2840.2	2822.5	2814.7
30.5°	2864.9	2857.8	2835.2	2817.5	2810.4
31°	2860.0	2852.9	2830.2	2812.6	2804.8
31.5°	2855.7	2847.9	2824.6	2807.6	2799.8
32°	2850.1	2842.3	2819.6	2801.9	2794.2
32.5°	2844.4	2836.6	2813.3	2795.6	2787.8
33°	2838.7	2830.2	2806.9	2789.9	2781.4
33.5°	2832.4	2823.9	2800.5	2783.5	2775.0
34°	2825.3	2816.8	2793.4	2776.5	2768.7
34.5°	2818.2	2809.7	2786.4	2769.4	2761.6
35°	2811.1	2801.9	2778.6	2761.6	2753.8
35.5°	2803.4	2794.2	2770.8	2753.8	2746.0
36°	2795.6	2785.7	2762.3	2746.0	2737.5
36.5°	2786.4	2777.2	2753.8	2737.5	2729.7
37°	2777.2	2768.0	2744.6	2728.3	2720.5
37.5°	2768.0	2758.1	2735.4	2719.1	2710.6
38°	2758.1	2748.9	2725.5	2709.9	2701.4
38.5°	2748.1	2738.2	2714.9	2699.3	2691.5
39°	2737.5	2726.9	2704.3	2689.4	2680.9
39.5°	2726.2	2715.6	2693.7	2678.1	2670.3
40°	2714.2	2704.3	2681.6	2666.8	2659.0
40.5°	2702.9	2692.2	2669.6	2655.4	2646.9
41°	2690.1	2679.5	2657.6	2642.7	2634.2
41.5°	2676.7	2666.1	2644.1	2630.0	2621.5
42°	2663.2	2652.6	2630.7	2617.2	2608.0
42.5°	2649.1	2638.4	2616.5	2603.1	2594.6
43°	2634.9	2623.6	2602.4	2588.9	2580.4
43.5°	2620.0	2608.7	2587.5	2574.0	2565.6



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2571.2	2559.9	2539.4	2527.3	2518.1
45.5°	2554.2	2542.2	2522.4	2510.3	2501.9
46°	2536.5	2524.5	2504.7	2492.7	2484.2
46.5°	2518.1	2506.1	2487.0	2475.0	2466.5
47°	2499.0	2487.7	2467.9	2457.3	2448.1
47.5°	2479.9	2467.9	2448.8	2438.2	2429.0
48°	2460.8	2448.1	2429.7	2418.3	2409.1
48.5°	2440.3	2428.3	2409.8	2399.2	2390.7
49°	2418.3	2407.0	2388.6	2377.3	2369.5
49.5°	2397.1	2385.8	2367.4	2356.8	2348.3
50°	2375.2	2363.1	2346.2	2335.5	2327.0
50.5°	2352.5	2340.5	2323.5	2312.9	2305.1
51°	2329.9	2317.8	2300.9	2290.2	2281.7
51.5°	2305.8	2293.8	2276.8	2266.9	2259.1
52°	2281.7	2269.7	2252.7	2243.5	2235.7
52.5°	2257.7	2245.7	2228.7	2218.8	2211.7
53°	2231.5	2220.2	2204.6	2195.4	2187.6
53.5°	2205.3	2194.0	2178.4	2169.2	2162.1
54°	2179.1	2167.8	2152.2	2143.0	2136.7
54.5°	2153.6	2141.6	2126.8	2117.6	2111.2
55°	2126.0	2114.7	2099.9	2090.7	2084.3
55.5°	2098.4	2087.1	2072.3	2063.1	2057.4
56°	2069.4	2058.8	2043.9	2036.2	2030.5
56.5°	2040.4	2030.5	2015.6	2007.9	2002.2
57°	2012.1	2001.5	1987.3	1980.3	1974.6
57.5°	1983.8	1972.5	1958.3	1951.2	1945.6
58°	1952.7	1942.0	1928.6	1921.5	1916.6
58.5°	1922.2	1912.3	1898.2	1891.8	1886.8
59°	1891.8	1881.9	1868.4	1862.1	1857.1
59.5°	1859.9	1850.7	1837.3	1830.9	1826.0
60°	1828.8	1818.9	1806.1	1800.5	1795.5
60.5°	1796.9	1788.5	1775.0	1769.3	1764.4
61°	1764.4	1755.9	1743.2	1737.5	1732.5
61.5°	1731.1	1724.1	1711.3	1705.7	1701.4
62°	1698.6	1691.5	1678.8	1673.8	1669.6
62.5°	1665.3	1658.2	1645.5	1640.5	1636.3
63°	1632.0	1625.0	1612.9	1608.0	1603.7
63.5°	1598.1	1591.0	1579.7	1574.7	1570.5
64°	1564.1	1557.0	1545.0	1541.5	1536.5
64.5°	1530.1	1523.1	1511.0	1507.5	1503.2
65°	1495.5	1489.8	1478.5	1474.2	1471.4
65.5°	1461.5	1454.4	1443.8	1440.2	1436.0
66°	1425.4	1419.7	1409.1	1405.6	1402.7





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1320.6	1314.3	1305.1	1301.5	1298.0
68°	1284.5	1278.9	1269.7	1266.9	1263.3
68.5°	1248.5	1242.8	1233.6	1231.5	1229.3
69°	1212.4	1206.7	1198.9	1196.8	1194.0
69.5°	1177.0	1171.3	1164.2	1162.1	1158.6
70°	1140.9	1135.9	1128.8	1126.7	1123.2
70.5°	1104.8	1099.8	1093.5	1091.3	1087.8
71°	1068.7	1064.4	1058.8	1055.9	1052.4
71.5°	1033.3	1029.1	1022.7	1020.6	1017.7
72°	997.2	993.7	987.3	985.9	982.3
72.5°	961.1	958.3	951.9	950.5	947.7
73°	925.0	922.2	915.8	914.4	912.3
73.5°	889.6	886.8	881.1	879.0	876.9
74°	854.2	852.1	846.5	845.0	842.2
74.5°	818.1	816.7	811.8	809.7	807.5
75°	782.1	782.1	777.1	775.7	773.6
75.5°	747.4	747.4	742.4	741.0	738.9
76°	712.7	712.7	707.7	706.4	703.6
76.5°	677.7	677.9	673.8	672.3	669.9
77°	644.1	644.4	640.6	638.7	636.4
77.5°	608.2	609.9	606.8	605.1	602.8
78°	574.8	576.9	573.7	572.3	570.4
78.5°	543.2	544.5	542.5	540.9	538.1
79°	510.1	511.2	509.9	508.4	505.7
79.5°	477.6	479.4	478.4	477.2	474.0
80°	446.4	447.6	447.9	445.9	443.0
80.5°	413.5	416.2	416.6	414.7	413.2
81°	383.2	385.6	386.4	385.2	383.2
81.5°	353.3	356.2	356.8	356.2	353.7
82°	323.4	326.9	328.0	327.5	324.6
82.5°	294.8	298.7	299.9	299.4	296.8
83°	267.0	271.3	272.4	272.8	270.4
83.5°	240.2	244.3	245.7	246.1	243.5
84°	214.4	218.1	219.8	220.5	218.3
84.5°	190.0	192.9	195.0	195.9	194.8
85°	166.9	169.0	170.9	172.2	170.7
85.5°	144.5	146.2	147.6	149.6	148.4
86°	123.7	125.4	126.4	128.0	128.0
86.5°	103.9	104.7	105.5	107.3	107.3
87°	84.9	85.0	85.3	87.6	87.7
87.5°	65.5	66.1	66.4	68.4	69.1
88°	46.2	47.8	48.3	50.2	50.0
88.5°	32.7	32.7	32.6	34.5	35.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.6	1.5	1.6	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	1.6
111°	1.5	1.6	1.6	1.6	1.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L935-CFR2

**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	2.1	2.1	2.0
114.5°	2.1	2.1	2.1	2.1	1.9
115°	2.1	2.1	2.1	2.1	2.1
115.5°	2.3	2.1	2.3	2.2	2.1
116°	2.3	2.3	2.3	2.3	2.2
116.5°	2.4	2.4	2.4	2.4	2.3
117°	2.5	2.5	2.5	2.5	2.3
117.5°	2.7	2.5	2.6	2.5	2.4
118°	2.7	2.6	2.8	2.6	2.5
118.5°	2.9	2.8	2.8	2.7	2.6
119°	2.9	2.9	3.0	2.8	2.8
119.5°	3.0	3.0	3.0	2.9	2.8
120°	3.1	3.1	3.0	3.0	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	3.5	3.5	3.3
123°	3.7	3.7	3.5	3.5	3.5
123.5°	3.7	3.8	3.6	3.5	3.6
124°	3.8	3.8	3.8	3.6	3.6
124.5°	4.0	3.8	3.8	3.7	3.7
125°	4.1	4.0	3.9	3.8	3.8
125.5°	4.1	4.0	3.9	3.8	3.9
126°	4.1	4.0	3.9	3.9	3.8
126.5°	4.0	4.0	4.1	3.9	4.0
127°	4.1	4.1	4.0	3.9	3.8
127.5°	4.2	4.2	4.1	3.9	3.8
128°	4.2	4.0	4.0	3.9	4.0
128.5°	4.1	4.1	4.0	3.8	4.0
129°	4.0	4.0	4.0	3.9	3.8
129.5°	4.0	4.0	4.0	3.9	3.9
130°	4.0	4.0	3.9	3.8	3.8
130.5°	4.1	4.0	4.0	3.6	3.8
131°	3.9	3.9	3.9	3.7	3.8
131.5°	4.0	3.8	3.7	3.6	3.7
132°	3.9	3.8	3.8	3.6	3.6
132.5°	3.9	3.8	3.7	3.6	3.7
133°	3.8	3.6	3.6	3.4	3.5
133.5°	3.8	3.6	3.5	3.3	3.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L935-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	3.7	3.5	3.3	3.3	3.5
135.5°	3.5	3.5	3.3	3.2	3.4
136°	3.4	3.3	3.2	3.0	3.4
136.5°	3.5	3.3	3.2	3.0	3.3
137°	3.4	3.3	3.2	3.0	3.3
137.5°	3.3	3.2	3.1	2.9	3.1
138°	3.3	3.1	3.0	2.9	3.1
138.5°	3.3	3.1	3.0	2.8	3.0
139°	2.9	3.0	3.0	2.7	3.1
139.5°	3.1	2.9	2.8	2.8	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	2.8	2.5	2.7
141.5°	2.7	2.8	2.8	2.5	2.7
142°	2.6	2.6	2.8	2.6	2.5
142.5°	2.6	2.8	2.7	2.5	2.5
143°	2.8	2.7	2.7	2.6	2.5
143.5°	2.8	2.7	2.7	2.5	2.5
144°	2.8	2.5	2.8	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°	2.8	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°	2.8	2.5	2.3	2.4	2.8
151.5°	2.7	2.5	2.3	2.4	2.8
152°	2.8	2.5	2.5	2.5	2.6
152.5°	2.8	2.6	2.4	2.5	2.8
153°	2.7	2.5	2.5	2.6	2.8
153.5°	2.9	2.6	2.4	2.5	2.8
154°	2.8	2.6	2.5	2.5	2.8
154.5°	2.8	2.5	2.5	2.7	2.8
155°	2.6	2.6	2.6	2.7	2.9
155.5°	2.8	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-120-L935-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	2.6	2.5	2.5	2.7	2.8
158°	2.8	2.6	2.5	2.6	2.8
158.5°	2.7	2.6	2.5	2.6	2.8
159°	2.8	2.6	2.5	2.6	2.9
159.5°	2.7	2.5	2.5	2.6	3.0
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°	2.8	2.7	2.6	2.6	2.8
163°	2.8	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	2.8	2.7	2.8	2.9
165°	2.6	2.6	2.5	2.8	2.8
165.5°	2.5	2.6	2.5	3.0	2.8
166°	2.7	2.7	2.6	2.8	2.8
166.5°	2.7	2.6	2.5	2.9	2.6
167°	2.6	2.8	2.6	3.0	2.9
167.5°	2.7	2.8	2.7	3.0	2.9
168°	2.8	2.8	2.6	3.0	2.8
168.5°	2.7	2.9	2.8	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	3.0
170°	2.9	2.8	2.8	3.2	2.9
170.5°	2.9	3.0	2.8	3.2	3.0
171°	2.9	2.9	2.9	3.2	3.1
171.5°	2.8	2.9	2.9	3.3	3.0
172°	2.8	2.9	3.0	3.3	3.0
172.5°	3.0	3.0	3.0	3.3	3.0
173°	2.8	2.8	3.0	3.3	3.1
173.5°	3.0	3.0	3.1	3.2	3.2
174°	3.1	3.1	3.3	3.3	3.1
174.5°	3.1	3.3	3.3	3.4	3.3
175°	3.3	3.3	3.3	3.4	3.2
175.5°	3.3	3.3	3.5	3.3	3.3
176°	3.5	3.4	3.3	3.3	3.3
176.5°	3.5	3.3	3.4	3.1	3.3
177°	3.4	3.3	3.2	3.1	3.3
177.5°	3.5	3.3	3.1	3.0	3.3
178°	3.3	3.2	3.0	3.0	3.1
178.5°	3.2	3.1	3.0	3.0	3.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L935-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	2.8	2.8	2.8	2.8	2.8



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	2908.8	2905.3	2891.1	2877.7	2872.0
22°	2907.4	2903.9	2889.0	2875.5	2869.9



44°	2603.8	2593.2	2571.9	2559.2	2550.7
44.5°	2587.5	2576.2	2556.4	2542.9	2534.4



66.5°	1390.7	1385.0	1374.4	1370.9	1367.4
67°	1356.0	1349.7	1339.7	1336.2	1333.4



89°	20.7	20.3	20.1	21.2	21.4
89.5°	9.1	9.3	9.1	9.7	9.6



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





134°	3.6	3.5	3.5	3.4	3.6
134.5°	3.7	3.5	3.5	3.3	3.4



156.5°	2.8	2.5	2.6	2.7	2.8
157°	2.7	2.5	2.6	2.6	2.8



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



(END OF REPORT)