

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-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-110-L935-CFR2  
Description: 11000 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

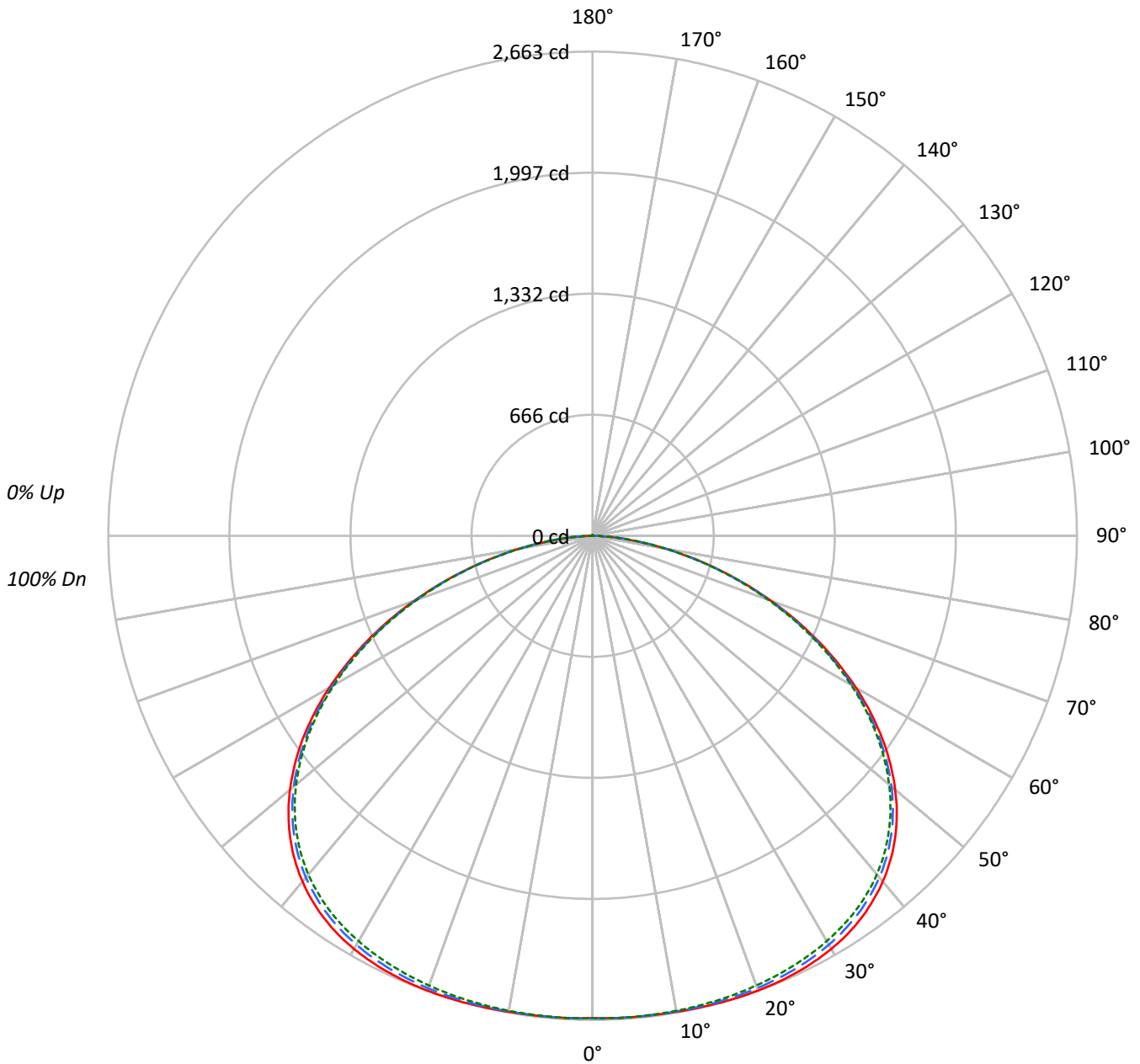
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9609.0 lumens  
Efficiency: N/A  
Efficacy: 111.0 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					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°	1894	1894	1894
5°	1904	1904	1903
10°	1927	1926	1923
15°	1968	1962	1956
20°	2022	2011	2000
25°	2088	2072	2056
30°	2163	2141	2122
35°	2241	2215	2195
40°	2313	2285	2266
45°	2374	2345	2325
50°	2413	2383	2364
55°	2420	2390	2373
60°	2388	2358	2345
65°	2310	2284	2273
70°	2178	2155	2144
75°	1973	1960	1951
80°	1678	1684	1666
85°	1250	1280	1279



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	253.6	2.6
10°-20°	752.1	7.8
20°-30°	1215.9	12.7
30°-40°	1592.6	16.6
40°-50°	1791.3	18.6
50°-60°	1714.1	17.8
60°-70°	1336.9	13.9
70°-80°	753.4	7.8
80°-90°	186.4	1.9
90°-100°	0.7	0.0
100°-110°	1.1	0.0
110°-120°	2.0	0.0
120°-130°	3.0	0.0
130°-140°	2.4	0.0
140°-150°	1.5	0.0
150°-160°	1.1	0.0
160°-170°	0.7	0.0
170°-180°	0.3	0.0
0°-30°	2221.6	23.1
0°-40°	3814.2	39.7
0°-60°	7319.6	76.2
0°-90°	9596.3	99.9
90°-120°	3.7	0.0
90°-150°	10.6	0.1
90°-180°	13.0	0.1
0°-180°	9609.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2654	2654	2654	2654	2654	
5°	2656	2657	2656	2656	2656	254
15°	2662	2662	2655	2649	2646	755
25°	2651	2647	2630	2616	2610	1225
35°	2571	2562	2541	2526	2518	1609
45°	2352	2341	2322	2311	2303	1811
55°	1944	1934	1920	1912	1906	1733
65°	1368	1362	1352	1348	1346	1350
75°	715	715	711	709	707	758
85°	153	155	156	158	156	177
90°	1	1	1	2	1	7
95°	1	0	1	0	1	1
105°	1	1	1	1	1	1
115°	2	2	2	2	2	2
125°	4	4	4	4	4	3
135°	3	3	3	3	3	3
145°	2	2	2	2	2	2
155°	2	2	2	2	3	1
165°	2	2	2	2	3	1
175°	3	3	3	3	3	0
180°	2	2	2	2	2	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2653.7	2653.7	2653.7	2653.7	2653.7
0.5°	2653.1	2655.0	2655.7	2655.0	2653.7
1°	2653.7	2655.0	2655.7	2655.7	2654.4
1.5°	2654.4	2655.7	2655.7	2655.7	2655.0
2°	2654.4	2655.7	2655.7	2656.3	2655.0
2.5°	2655.0	2656.3	2656.3	2656.3	2655.0
3°	2655.7	2656.3	2656.3	2656.3	2655.7
3.5°	2655.7	2656.3	2656.3	2656.3	2655.7
4°	2656.3	2656.3	2656.3	2656.3	2655.7
4.5°	2656.3	2657.0	2656.3	2656.3	2655.7
5°	2656.3	2657.0	2656.3	2656.3	2655.7
5.5°	2656.3	2657.0	2656.3	2656.3	2655.7
6°	2657.0	2657.0	2656.3	2656.3	2655.0
6.5°	2657.0	2657.6	2657.0	2656.3	2655.0
7°	2657.0	2657.6	2656.3	2656.3	2655.0
7.5°	2657.0	2657.6	2656.3	2655.7	2654.4
8°	2657.6	2657.6	2657.0	2655.7	2654.4
8.5°	2657.6	2658.3	2656.3	2655.7	2653.7
9°	2658.3	2658.3	2657.0	2655.0	2653.7
9.5°	2658.3	2658.9	2656.3	2655.0	2653.1
10°	2658.9	2658.9	2656.3	2654.4	2652.4
10.5°	2659.6	2659.6	2656.3	2654.4	2652.4
11°	2659.6	2659.6	2656.3	2653.7	2651.8
11.5°	2660.2	2660.2	2656.3	2653.1	2651.1
12°	2660.2	2660.2	2656.3	2653.1	2650.5
12.5°	2660.8	2660.2	2655.7	2652.4	2649.8
13°	2660.8	2660.2	2655.7	2651.8	2649.2
13.5°	2661.5	2660.8	2655.7	2651.1	2648.5
14°	2661.5	2660.8	2655.7	2650.5	2647.3
14.5°	2662.1	2660.8	2655.0	2649.8	2646.6
15°	2662.1	2661.5	2655.0	2649.2	2646.0
15.5°	2662.8	2661.5	2654.4	2647.9	2644.7
16°	2662.1	2661.5	2653.7	2647.3	2643.4
16.5°	2662.8	2661.5	2653.7	2646.0	2642.1
17°	2662.8	2660.8	2653.1	2644.7	2641.4
17.5°	2662.8	2660.8	2651.8	2644.0	2640.1
18°	2662.8	2660.8	2651.1	2642.7	2638.2
18.5°	2662.8	2660.2	2650.5	2641.4	2636.9
19°	2662.1	2660.2	2649.8	2640.1	2635.6
19.5°	2662.1	2659.6	2648.5	2638.2	2633.7
20°	2661.5	2658.9	2647.3	2636.9	2632.4
20.5°	2660.8	2658.3	2646.6	2635.6	2630.4
21°	2660.8	2657.6	2645.3	2633.7	2628.5



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	2658.3	2654.4	2640.8	2627.8	2622.0
23°	2657.0	2653.1	2638.8	2625.9	2620.1
23.5°	2655.7	2651.8	2636.9	2623.3	2617.5
24°	2654.4	2650.5	2635.0	2620.7	2614.9
24.5°	2653.1	2648.5	2633.0	2618.1	2612.3
25°	2651.1	2646.6	2630.4	2615.5	2609.7
25.5°	2649.2	2644.7	2627.8	2612.9	2606.5
26°	2647.3	2642.7	2625.2	2610.4	2603.9
26.5°	2645.3	2640.1	2622.7	2607.1	2600.7
27°	2642.7	2637.5	2619.4	2603.9	2597.4
27.5°	2640.1	2635.0	2616.2	2600.7	2594.2
28°	2637.5	2631.7	2612.9	2597.4	2590.9
28.5°	2634.3	2628.5	2609.7	2593.5	2587.1
29°	2631.1	2625.2	2605.8	2589.6	2583.2
29.5°	2627.8	2621.4	2601.9	2585.8	2578.6
30°	2624.0	2617.5	2597.4	2581.2	2574.1
30.5°	2620.1	2613.6	2592.9	2576.7	2570.2
31°	2615.5	2609.1	2588.4	2572.2	2565.1
31.5°	2611.7	2604.5	2583.2	2567.6	2560.5
32°	2606.5	2599.4	2578.6	2562.5	2555.3
32.5°	2601.3	2594.2	2572.8	2556.6	2549.5
33°	2596.1	2588.4	2567.0	2551.5	2543.7
33.5°	2590.3	2582.5	2561.2	2545.6	2537.9
34°	2583.8	2576.1	2554.7	2539.2	2532.0
34.5°	2577.4	2569.6	2548.2	2532.7	2525.6
35°	2570.9	2562.5	2541.1	2525.6	2518.5
35.5°	2563.8	2555.3	2534.0	2518.5	2511.3
36°	2556.6	2547.6	2526.2	2511.3	2503.6
36.5°	2548.2	2539.8	2518.5	2503.6	2496.4
37°	2539.8	2531.4	2510.0	2495.2	2488.0
37.5°	2531.4	2522.3	2501.6	2486.7	2479.0
38°	2522.3	2513.9	2492.6	2478.3	2470.6
38.5°	2513.3	2504.2	2482.9	2468.6	2461.5
39°	2503.6	2493.9	2473.1	2459.6	2451.8
39.5°	2493.2	2483.5	2463.4	2449.2	2442.1
40°	2482.2	2473.1	2452.4	2438.8	2431.7
40.5°	2471.8	2462.1	2441.4	2428.5	2420.7
41°	2460.2	2450.5	2430.4	2416.8	2409.1
41.5°	2447.9	2438.2	2418.1	2405.2	2397.4
42°	2435.6	2425.9	2405.8	2393.5	2385.1
42.5°	2422.7	2412.9	2392.9	2380.6	2372.8
43°	2409.7	2399.4	2379.9	2367.6	2359.9
43.5°	2396.1	2385.8	2366.3	2354.0	2346.3



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2351.5	2341.1	2322.3	2311.3	2302.9
45.5°	2335.9	2324.9	2306.8	2295.8	2288.0
46°	2319.7	2308.7	2290.6	2279.6	2271.8
46.5°	2302.9	2291.9	2274.4	2263.4	2255.7
47°	2285.4	2275.1	2257.0	2247.3	2238.8
47.5°	2268.0	2257.0	2239.5	2229.8	2221.4
48°	2250.5	2238.8	2222.0	2211.7	2203.2
48.5°	2231.7	2220.7	2203.9	2194.2	2186.4
49°	2211.7	2201.3	2184.5	2174.1	2167.0
49.5°	2192.2	2181.9	2165.1	2155.3	2147.6
50°	2172.2	2161.2	2145.6	2135.9	2128.2
50.5°	2151.5	2140.5	2124.9	2115.2	2108.1
51°	2130.7	2119.7	2104.2	2094.5	2086.7
51.5°	2108.7	2097.7	2082.2	2073.1	2066.0
52°	2086.7	2075.7	2060.2	2051.8	2044.7
52.5°	2064.7	2053.7	2038.2	2029.1	2022.7
53°	2040.8	2030.4	2016.2	2007.8	2000.7
53.5°	2016.8	2006.5	1992.2	1983.8	1977.4
54°	1992.9	1982.5	1968.3	1959.9	1954.0
54.5°	1969.6	1958.6	1945.0	1936.6	1930.7
55°	1944.3	1934.0	1920.4	1912.0	1906.2
55.5°	1919.1	1908.7	1895.1	1886.7	1881.6
56°	1892.6	1882.9	1869.3	1862.1	1857.0
56.5°	1866.0	1857.0	1843.4	1836.2	1831.1
57°	1840.1	1830.4	1817.5	1811.0	1805.8
57.5°	1814.2	1803.9	1790.9	1784.5	1779.3
58°	1785.8	1776.1	1763.8	1757.3	1752.8
58.5°	1757.9	1748.9	1735.9	1730.1	1725.6
59°	1730.1	1721.0	1708.7	1702.9	1698.4
59.5°	1701.0	1692.6	1680.3	1674.4	1669.9
60°	1672.5	1663.4	1651.8	1646.6	1642.1
60.5°	1643.4	1635.6	1623.3	1618.1	1613.6
61°	1613.6	1605.8	1594.2	1589.0	1584.5
61.5°	1583.2	1576.7	1565.1	1559.9	1556.0
62°	1553.4	1546.9	1535.3	1530.7	1526.9
62.5°	1523.0	1516.5	1504.9	1500.3	1496.4
63°	1492.6	1486.1	1475.1	1470.6	1466.7
63.5°	1461.5	1455.0	1444.7	1440.1	1436.2
64°	1430.4	1424.0	1412.9	1409.7	1405.2
64.5°	1399.4	1392.9	1381.9	1378.6	1374.8
65°	1367.6	1362.5	1352.1	1348.2	1345.6
65.5°	1336.6	1330.1	1320.4	1317.2	1313.3
66°	1303.6	1298.4	1288.7	1285.4	1282.9





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1207.8	1201.9	1193.5	1190.3	1187.1
68°	1174.8	1169.6	1161.2	1158.6	1155.3
68.5°	1141.7	1136.6	1128.2	1126.2	1124.3
69°	1108.7	1103.6	1096.4	1094.5	1091.9
69.5°	1076.4	1071.2	1064.7	1062.8	1059.5
70°	1043.4	1038.8	1032.4	1030.4	1027.2
70.5°	1010.4	1005.8	1000.0	998.1	994.8
71°	977.3	973.5	968.3	965.7	962.5
71.5°	945.0	941.1	935.3	933.3	930.7
72°	912.0	908.7	902.9	901.6	898.4
72.5°	879.0	876.4	870.6	869.3	866.7
73°	846.0	843.4	837.5	836.2	834.3
73.5°	813.6	811.0	805.8	803.9	801.9
74°	781.2	779.3	774.1	772.8	770.2
74.5°	748.2	746.9	742.4	740.5	738.5
75°	715.2	715.2	710.7	709.4	707.4
75.5°	683.5	683.5	679.0	677.7	675.7
76°	651.8	651.8	647.3	646.0	643.4
76.5°	619.7	620.0	616.2	614.8	612.7
77°	589.1	589.3	585.9	584.1	582.0
77.5°	556.2	557.8	555.0	553.4	551.3
78°	525.6	527.6	524.7	523.4	521.6
78.5°	496.8	498.0	496.1	494.6	492.1
79°	466.5	467.5	466.3	465.0	462.5
79.5°	436.8	438.4	437.5	436.4	433.5
80°	408.2	409.4	409.6	407.8	405.2
80.5°	378.2	380.6	381.0	379.2	377.9
81°	350.4	352.7	353.3	352.3	350.5
81.5°	323.1	325.8	326.3	325.8	323.4
82°	295.7	299.0	299.9	299.5	296.9
82.5°	269.6	273.2	274.2	273.9	271.5
83°	244.2	248.2	249.1	249.5	247.2
83.5°	219.7	223.4	224.7	225.0	222.7
84°	196.1	199.5	201.0	201.7	199.7
84.5°	173.7	176.4	178.3	179.2	178.2
85°	152.6	154.6	156.3	157.5	156.1
85.5°	132.2	133.7	135.0	136.8	135.7
86°	113.1	114.7	115.6	117.0	117.0
86.5°	95.0	95.7	96.4	98.1	98.1
87°	77.7	77.7	78.0	80.1	80.2
87.5°	59.9	60.5	60.7	62.6	63.2
88°	42.3	43.8	44.1	45.9	45.8
88.5°	29.9	29.9	29.8	31.6	32.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.4	1.4	1.4	1.5	1.4
90.5°	0.5	0.4	0.5	0.5	0.5
91°	0.5	0.4	0.4	0.5	0.4
91.5°	0.6	0.5	0.5	0.4	0.3
92°	0.5	0.5	0.5	0.5	0.5
92.5°	0.5	0.5	0.5	0.5	0.5
93°	0.5	0.5	0.5	0.5	0.4
93.5°	0.6	0.5	0.5	0.5	0.6
94°	0.6	0.5	0.6	0.5	0.6
94.5°	0.6	0.6	0.5	0.6	0.6
95°	0.6	0.5	0.6	0.5	0.6
95.5°	0.5	0.6	0.6	0.6	0.6
96°	0.7	0.7	0.6	0.6	0.6
96.5°	0.7	0.6	0.6	0.6	0.6
97°	0.7	0.6	0.7	0.6	0.8
97.5°	0.8	0.6	0.6	0.6	0.8
98°	0.8	0.7	0.7	0.7	0.8
98.5°	0.8	0.7	0.6	0.6	0.8
99°	0.8	0.8	0.7	0.6	0.7
99.5°	0.8	0.6	0.8	0.7	0.7
100°	0.8	0.8	0.8	0.8	0.8
100.5°	0.8	0.8	0.8	0.8	0.8
101°	0.9	0.8	0.8	0.8	0.8
101.5°	1.0	0.8	0.8	0.8	0.9
102°	1.0	0.8	0.9	0.8	0.9
102.5°	0.9	0.8	0.8	0.9	0.9
103°	0.9	0.8	0.9	0.8	0.9
103.5°	1.0	1.0	0.9	0.9	0.8
104°	1.1	1.0	1.0	0.9	0.8
104.5°	1.0	1.0	1.0	1.0	0.9
105°	1.2	1.0	1.0	1.1	1.1
105.5°	1.1	0.9	1.0	1.0	1.0
106°	1.0	1.0	1.1	1.1	1.2
106.5°	1.2	1.0	1.1	1.0	1.0
107°	1.1	1.1	1.2	1.2	1.0
107.5°	1.2	1.1	1.2	1.2	1.2
108°	1.2	1.1	1.0	1.2	1.1
108.5°	1.2	1.2	1.2	1.2	1.1
109°	1.3	1.2	1.2	1.2	1.3
109.5°	1.4	1.2	1.4	1.3	1.2
110°	1.3	1.3	1.3	1.4	1.3
110.5°	1.4	1.3	1.4	1.4	1.4
111°	1.4	1.4	1.4	1.4	1.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L935-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.6	1.6	1.7	1.6	1.5
113°	1.7	1.6	1.6	1.6	1.6
113.5°	1.7	1.7	1.7	1.8	1.8
114°	1.8	1.8	1.9	1.9	1.8
114.5°	1.9	1.9	1.9	1.9	1.7
115°	1.9	1.9	1.9	1.9	1.9
115.5°	2.1	1.9	2.1	2.0	1.9
116°	2.1	2.1	2.1	2.1	2.0
116.5°	2.2	2.2	2.2	2.2	2.1
117°	2.3	2.3	2.3	2.3	2.1
117.5°	2.5	2.3	2.4	2.3	2.2
118°	2.5	2.4	2.5	2.4	2.3
118.5°	2.7	2.5	2.5	2.5	2.4
119°	2.7	2.7	2.7	2.5	2.5
119.5°	2.7	2.7	2.7	2.7	2.6
120°	2.8	2.8	2.8	2.7	2.8
120.5°	2.9	2.8	2.9	2.8	2.8
121°	2.9	2.9	2.9	2.9	2.8
121.5°	3.2	3.1	3.0	2.9	2.9
122°	3.0	3.2	3.1	3.0	3.1
122.5°	3.3	3.2	3.2	3.2	3.0
123°	3.4	3.4	3.2	3.2	3.2
123.5°	3.4	3.5	3.3	3.2	3.3
124°	3.4	3.5	3.4	3.3	3.3
124.5°	3.6	3.5	3.4	3.4	3.4
125°	3.8	3.6	3.6	3.5	3.5
125.5°	3.8	3.7	3.6	3.5	3.6
126°	3.8	3.6	3.6	3.6	3.5
126.5°	3.6	3.7	3.8	3.6	3.6
127°	3.8	3.8	3.6	3.6	3.5
127.5°	3.9	3.8	3.8	3.6	3.5
128°	3.9	3.7	3.7	3.6	3.6
128.5°	3.8	3.8	3.6	3.5	3.6
129°	3.7	3.7	3.6	3.6	3.5
129.5°	3.6	3.7	3.6	3.6	3.6
130°	3.6	3.7	3.6	3.4	3.5
130.5°	3.8	3.6	3.6	3.3	3.5
131°	3.6	3.6	3.6	3.4	3.4
131.5°	3.6	3.5	3.4	3.3	3.4
132°	3.6	3.4	3.4	3.3	3.3
132.5°	3.6	3.4	3.4	3.3	3.4
133°	3.4	3.3	3.3	3.1	3.2
133.5°	3.5	3.3	3.2	3.0	3.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L935-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	3.4	3.2	3.0	3.0	3.2
135.5°	3.2	3.2	3.0	2.9	3.1
136°	3.1	3.0	2.9	2.8	3.1
136.5°	3.2	3.0	2.9	2.8	3.0
137°	3.1	3.0	2.9	2.8	3.0
137.5°	3.0	2.9	2.8	2.7	2.8
138°	3.0	2.8	2.7	2.7	2.8
138.5°	3.0	2.8	2.8	2.6	2.8
139°	2.7	2.8	2.7	2.5	2.8
139.5°	2.8	2.7	2.6	2.5	2.8
140°	2.8	2.6	2.7	2.5	2.6
140.5°	2.8	2.6	2.6	2.5	2.6
141°	2.7	2.6	2.5	2.3	2.5
141.5°	2.5	2.6	2.6	2.3	2.5
142°	2.4	2.4	2.5	2.4	2.3
142.5°	2.4	2.5	2.5	2.3	2.3
143°	2.5	2.5	2.5	2.4	2.3
143.5°	2.5	2.5	2.5	2.3	2.3
144°	2.5	2.3	2.5	2.2	2.3
144.5°	2.4	2.3	2.4	2.3	2.3
145°	2.5	2.3	2.4	2.1	2.3
145.5°	2.4	2.3	2.3	2.1	2.5
146°	2.4	2.3	2.2	2.1	2.3
146.5°	2.5	2.3	2.2	2.1	2.3
147°	2.4	2.3	2.1	2.2	2.2
147.5°	2.3	2.3	2.1	2.2	2.4
148°	2.4	2.3	2.2	2.1	2.4
148.5°	2.5	2.3	2.2	2.1	2.4
149°	2.4	2.3	2.2	2.1	2.4
149.5°	2.5	2.2	2.2	2.1	2.5
150°	2.5	2.3	2.2	2.1	2.4
150.5°	2.4	2.3	2.2	2.2	2.4
151°	2.5	2.3	2.1	2.2	2.5
151.5°	2.5	2.3	2.1	2.2	2.5
152°	2.5	2.3	2.3	2.3	2.4
152.5°	2.5	2.4	2.2	2.3	2.5
153°	2.5	2.3	2.3	2.4	2.6
153.5°	2.7	2.4	2.2	2.3	2.5
154°	2.5	2.4	2.3	2.3	2.5
154.5°	2.5	2.3	2.3	2.5	2.6
155°	2.4	2.4	2.4	2.5	2.7
155.5°	2.5	2.3	2.3	2.4	2.6
156°	2.4	2.4	2.4	2.4	2.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L935-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	2.4	2.3	2.3	2.5	2.5
158°	2.6	2.4	2.3	2.4	2.6
158.5°	2.5	2.4	2.3	2.4	2.5
159°	2.5	2.4	2.3	2.4	2.7
159.5°	2.5	2.3	2.3	2.4	2.7
160°	2.5	2.4	2.3	2.4	2.6
160.5°	2.4	2.3	2.3	2.5	2.6
161°	2.4	2.3	2.3	2.5	2.6
161.5°	2.5	2.4	2.3	2.3	2.5
162°	2.4	2.3	2.4	2.5	2.5
162.5°	2.5	2.5	2.4	2.4	2.5
163°	2.5	2.4	2.5	2.5	2.5
163.5°	2.5	2.4	2.5	2.5	2.7
164°	2.4	2.5	2.4	2.6	2.6
164.5°	2.3	2.5	2.5	2.6	2.7
165°	2.4	2.4	2.3	2.5	2.6
165.5°	2.3	2.4	2.3	2.7	2.6
166°	2.5	2.5	2.4	2.6	2.5
166.5°	2.5	2.4	2.3	2.7	2.4
167°	2.4	2.6	2.4	2.7	2.7
167.5°	2.5	2.6	2.5	2.8	2.7
168°	2.5	2.5	2.4	2.7	2.6
168.5°	2.5	2.7	2.5	2.9	2.7
169°	2.7	2.6	2.4	2.9	2.7
169.5°	2.6	2.6	2.5	2.8	2.7
170°	2.7	2.6	2.5	2.9	2.7
170.5°	2.7	2.7	2.5	2.9	2.8
171°	2.7	2.7	2.7	2.9	2.8
171.5°	2.6	2.7	2.7	3.0	2.7
172°	2.6	2.7	2.7	3.0	2.8
172.5°	2.7	2.7	2.8	3.0	2.8
173°	2.6	2.6	2.8	3.0	2.8
173.5°	2.8	2.7	2.8	2.9	2.9
174°	2.8	2.8	3.0	3.0	2.8
174.5°	2.8	3.0	3.0	3.1	3.0
175°	3.0	3.0	3.0	3.1	2.9
175.5°	3.0	3.0	3.2	3.0	3.0
176°	3.2	3.1	3.0	3.0	3.0
176.5°	3.2	3.0	3.1	2.8	3.0
177°	3.1	3.0	2.9	2.8	3.0
177.5°	3.2	3.0	2.8	2.8	3.0
178°	3.0	2.9	2.8	2.8	2.8
178.5°	2.9	2.8	2.7	2.7	2.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L935-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	2.5	2.5	2.5	2.5	2.5



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	2660.2	2657.0	2644.0	2631.7	2626.5
22°	2658.9	2655.7	2642.1	2629.8	2624.6



44°	2381.2	2371.5	2352.1	2340.5	2332.7
44.5°	2366.3	2356.0	2337.9	2325.6	2317.8



66.5°	1271.8	1266.7	1257.0	1253.7	1250.5
67°	1240.1	1234.3	1225.2	1222.0	1219.4



89°	18.9	18.6	18.4	19.4	19.6
89.5°	8.3	8.5	8.3	8.9	8.7



111.5°	1.6	1.4	1.5	1.5	1.4
112°	1.6	1.5	1.5	1.5	1.6





134°	3.3	3.2	3.2	3.1	3.3
134.5°	3.4	3.2	3.2	3.0	3.1



156.5°	2.5	2.3	2.4	2.5	2.5
157°	2.5	2.3	2.4	2.4	2.5



179°	2.8	2.7	2.6	2.7	2.8
179.5°	2.5	2.6	2.5	2.5	2.7



(END OF REPORT)