

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-L950-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-L950-CFR2  
Description: 11000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS  
AND 5000K CCT, 90CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No. Condition Description

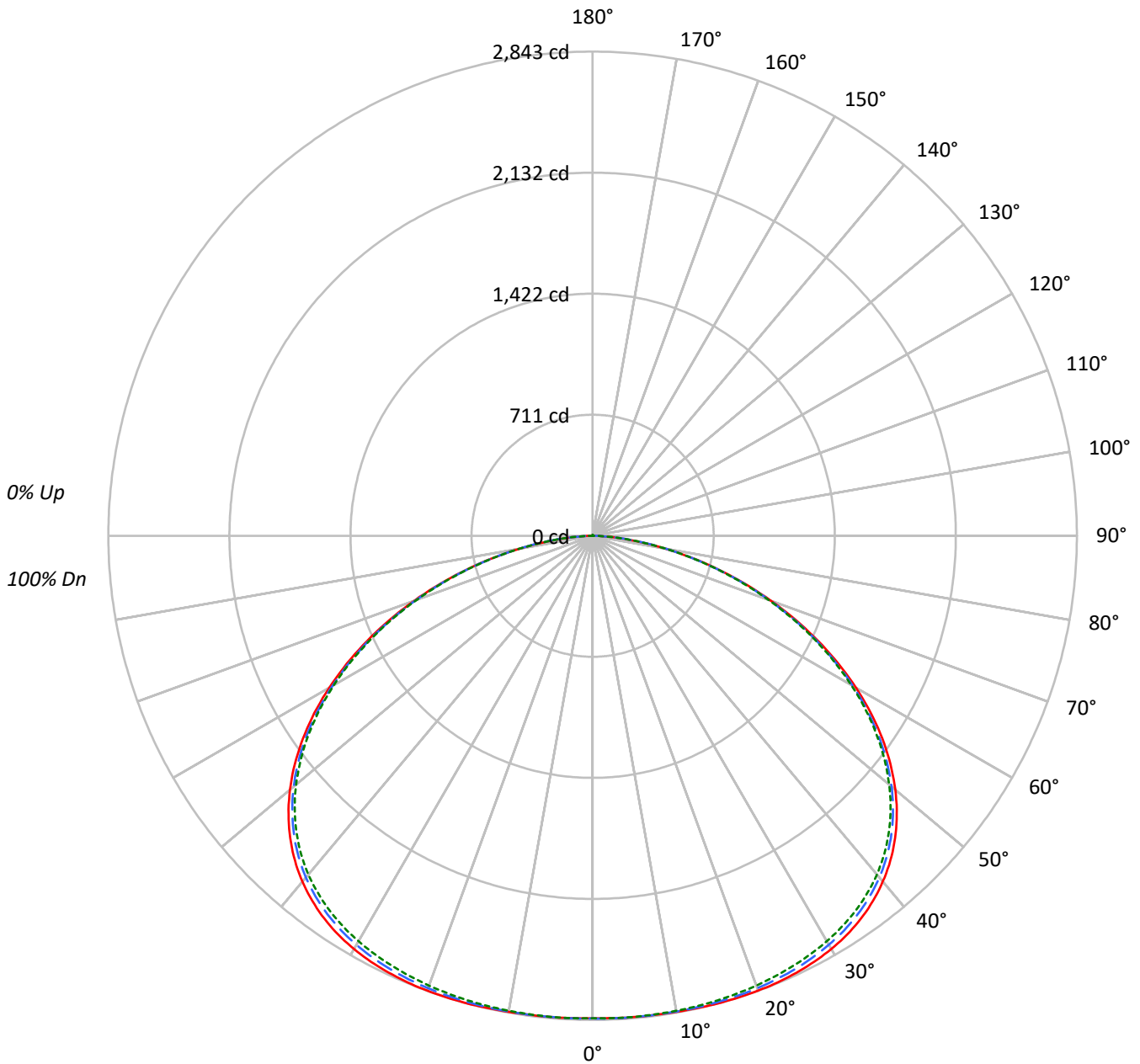
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10260.0 lumens  
Efficiency: N/A  
Efficacy: 118.5 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°	2023	2023	2023
5°	2033	2033	2032
10°	2058	2056	2053
15°	2101	2095	2088
20°	2159	2147	2135
25°	2230	2212	2195
30°	2310	2286	2266
35°	2392	2365	2344
40°	2470	2440	2420
45°	2535	2504	2483
50°	2576	2544	2524
55°	2584	2552	2533
60°	2550	2518	2503
65°	2467	2439	2427
70°	2325	2301	2289
75°	2107	2093	2084
80°	1792	1798	1778
85°	1335	1367	1365



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	270.7	2.6
10°-20°	803.1	7.8
20°-30°	1298.3	12.7
30°-40°	1700.5	16.6
40°-50°	1912.7	18.6
50°-60°	1830.2	17.8
60°-70°	1427.4	13.9
70°-80°	804.4	7.8
80°-90°	199.1	1.9
90°-100°	0.7	0.0
100°-110°	1.1	0.0
110°-120°	2.1	0.0
120°-130°	3.2	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°	2372.1	23.1
0°-40°	4072.6	39.7
0°-60°	7815.5	76.2
0°-90°	10246.4	99.9
90°-120°	4.0	0.0
90°-150°	11.3	0.1
90°-180°	14.0	0.1
0°-180°	10260.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2834	2834	2834	2834	2834	
5°	2836	2837	2836	2836	2836	271
15°	2842	2842	2835	2829	2825	806
25°	2831	2826	2809	2793	2786	1308
35°	2745	2736	2713	2697	2689	1719
45°	2511	2500	2480	2468	2459	1934
55°	2076	2065	2050	2042	2035	1850
65°	1460	1455	1444	1440	1437	1442
75°	764	764	759	757	755	809
85°	163	165	167	168	167	189
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	3	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°	2833.5	2833.5	2833.5	2833.5	2833.5
0.5°	2832.8	2834.9	2835.6	2834.9	2833.5
1°	2833.5	2834.9	2835.6	2835.6	2834.2
1.5°	2834.2	2835.6	2835.6	2835.6	2834.9
2°	2834.2	2835.6	2835.6	2836.3	2834.9
2.5°	2834.9	2836.3	2836.3	2836.3	2834.9
3°	2835.6	2836.3	2836.3	2836.3	2835.6
3.5°	2835.6	2836.3	2836.3	2836.3	2835.6
4°	2836.3	2836.3	2836.3	2836.3	2835.6
4.5°	2836.3	2837.0	2836.3	2836.3	2835.6
5°	2836.3	2837.0	2836.3	2836.3	2835.6
5.5°	2836.3	2837.0	2836.3	2836.3	2835.6
6°	2837.0	2837.0	2836.3	2836.3	2834.9
6.5°	2837.0	2837.7	2837.0	2836.3	2834.9
7°	2837.0	2837.7	2836.3	2836.3	2834.9
7.5°	2837.0	2837.7	2836.3	2835.6	2834.2
8°	2837.7	2837.7	2837.0	2835.6	2834.2
8.5°	2837.7	2838.4	2836.3	2835.6	2833.5
9°	2838.4	2838.4	2837.0	2834.9	2833.5
9.5°	2838.4	2839.0	2836.3	2834.9	2832.8
10°	2839.0	2839.0	2836.3	2834.2	2832.1
10.5°	2839.7	2839.7	2836.3	2834.2	2832.1
11°	2839.7	2839.7	2836.3	2833.5	2831.4
11.5°	2840.4	2840.4	2836.3	2832.8	2830.7
12°	2840.4	2840.4	2836.3	2832.8	2830.1
12.5°	2841.1	2840.4	2835.6	2832.1	2829.4
13°	2841.1	2840.4	2835.6	2831.4	2828.7
13.5°	2841.8	2841.1	2835.6	2830.7	2828.0
14°	2841.8	2841.1	2835.6	2830.1	2826.6
14.5°	2842.5	2841.1	2834.9	2829.4	2825.9
15°	2842.5	2841.8	2834.9	2828.7	2825.2
15.5°	2843.2	2841.8	2834.2	2827.3	2823.8
16°	2842.5	2841.8	2833.5	2826.6	2822.5
16.5°	2843.2	2841.8	2833.5	2825.2	2821.1
17°	2843.2	2841.1	2832.8	2823.8	2820.4
17.5°	2843.2	2841.1	2831.4	2823.1	2819.0
18°	2843.2	2841.1	2830.7	2821.8	2816.9
18.5°	2843.2	2840.4	2830.1	2820.4	2815.5
19°	2842.5	2840.4	2829.4	2819.0	2814.2
19.5°	2842.5	2839.7	2828.0	2816.9	2812.1
20°	2841.8	2839.0	2826.6	2815.5	2810.7
20.5°	2841.1	2838.4	2825.9	2814.2	2808.6
21°	2841.1	2837.7	2824.5	2812.1	2806.6



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	2838.4	2834.2	2819.7	2805.9	2799.7
23°	2837.0	2832.8	2817.6	2803.8	2797.6
23.5°	2835.6	2831.4	2815.5	2801.0	2794.8
24°	2834.2	2830.1	2813.5	2798.3	2792.0
24.5°	2832.8	2828.0	2811.4	2795.5	2789.3
25°	2830.7	2825.9	2808.6	2792.7	2786.5
25.5°	2828.7	2823.8	2805.9	2790.0	2783.1
26°	2826.6	2821.8	2803.1	2787.2	2780.3
26.5°	2824.5	2819.0	2800.3	2783.8	2776.8
27°	2821.8	2816.2	2796.9	2780.3	2773.4
27.5°	2819.0	2813.5	2793.4	2776.8	2769.9
28°	2816.2	2810.0	2790.0	2773.4	2766.5
28.5°	2812.8	2806.6	2786.5	2769.2	2762.3
29°	2809.3	2803.1	2782.4	2765.1	2758.2
29.5°	2805.9	2799.0	2778.2	2760.9	2753.3
30°	2801.7	2794.8	2773.4	2756.1	2748.5
30.5°	2797.6	2790.7	2768.6	2751.3	2744.4
31°	2792.7	2785.8	2763.7	2746.4	2738.8
31.5°	2788.6	2781.0	2758.2	2741.6	2734.0
32°	2783.1	2775.5	2753.3	2736.1	2728.5
32.5°	2777.5	2769.9	2747.1	2729.8	2722.2
33°	2772.0	2763.7	2740.9	2724.3	2716.0
33.5°	2765.8	2757.5	2734.7	2718.1	2709.8
34°	2758.9	2750.6	2727.8	2711.2	2703.6
34.5°	2752.0	2743.7	2720.9	2704.3	2696.7
35°	2745.1	2736.1	2713.3	2696.7	2689.1
35.5°	2737.5	2728.5	2705.7	2689.1	2681.5
36°	2729.8	2720.2	2697.4	2681.5	2673.2
36.5°	2720.9	2711.9	2689.1	2673.2	2665.6
37°	2711.9	2702.9	2680.1	2664.2	2656.6
37.5°	2702.9	2693.2	2671.1	2655.2	2646.9
38°	2693.2	2684.2	2661.4	2646.2	2637.9
38.5°	2683.5	2673.9	2651.1	2635.9	2628.3
39°	2673.2	2662.8	2640.7	2626.2	2617.9
39.5°	2662.1	2651.8	2630.3	2615.1	2607.5
40°	2650.4	2640.7	2618.6	2604.1	2596.5
40.5°	2639.3	2628.9	2606.8	2593.0	2584.7
41°	2626.9	2616.5	2595.1	2580.6	2572.3
41.5°	2613.7	2603.4	2582.0	2568.1	2559.8
42°	2600.6	2590.2	2568.8	2555.7	2546.7
42.5°	2586.8	2576.4	2555.0	2541.9	2533.6
43°	2573.0	2561.9	2541.2	2528.0	2519.8
43.5°	2558.5	2547.4	2526.7	2513.5	2505.2



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2510.8	2499.7	2479.7	2467.9	2458.9
45.5°	2494.2	2482.4	2463.1	2451.3	2443.0
46°	2476.9	2465.2	2445.8	2434.1	2425.8
46.5°	2458.9	2447.2	2428.5	2416.8	2408.5
47°	2440.3	2429.2	2409.9	2399.5	2390.5
47.5°	2421.6	2409.9	2391.2	2380.8	2371.9
48°	2403.0	2390.5	2372.5	2361.5	2352.5
48.5°	2382.9	2371.2	2353.2	2342.8	2334.5
49°	2361.5	2350.4	2332.5	2321.4	2313.8
49.5°	2340.8	2329.7	2311.7	2301.4	2293.1
50°	2319.3	2307.6	2291.0	2280.6	2272.3
50.5°	2297.2	2285.5	2268.9	2258.5	2250.9
51°	2275.1	2263.4	2246.8	2236.4	2228.1
51.5°	2251.6	2239.9	2223.3	2213.6	2206.0
52°	2228.1	2216.4	2199.8	2190.8	2183.2
52.5°	2204.6	2192.9	2176.3	2166.6	2159.7
53°	2179.0	2168.0	2152.8	2143.8	2136.2
53.5°	2153.5	2142.4	2127.2	2118.2	2111.3
54°	2127.9	2116.8	2101.6	2092.7	2086.4
54.5°	2103.0	2091.3	2076.8	2067.8	2061.6
55°	2076.1	2065.0	2050.5	2041.5	2035.3
55.5°	2049.1	2038.1	2023.5	2014.6	2009.0
56°	2020.8	2010.4	1995.9	1988.3	1982.8
56.5°	1992.4	1982.8	1968.3	1960.7	1955.1
57°	1964.8	1954.4	1940.6	1933.7	1928.2
57.5°	1937.2	1926.1	1912.3	1905.4	1899.8
58°	1906.7	1896.4	1883.3	1876.3	1871.5
58.5°	1877.0	1867.4	1853.5	1847.3	1842.5
59°	1847.3	1837.6	1824.5	1818.3	1813.4
59.5°	1816.2	1807.2	1794.1	1787.9	1783.0
60°	1785.8	1776.1	1763.7	1758.2	1753.3
60.5°	1754.7	1746.4	1733.3	1727.8	1722.9
61°	1722.9	1714.6	1702.2	1696.7	1691.8
61.5°	1690.4	1683.5	1671.1	1665.6	1661.4
62°	1658.6	1651.7	1639.3	1634.5	1630.3
62.5°	1626.2	1619.2	1606.8	1602.0	1597.8
63°	1593.7	1586.8	1575.0	1570.2	1566.0
63.5°	1560.5	1553.6	1542.5	1537.7	1533.6
64°	1527.3	1520.4	1508.7	1505.2	1500.4
64.5°	1494.2	1487.2	1475.5	1472.0	1467.9
65°	1460.3	1454.8	1443.7	1439.6	1436.8
65.5°	1427.1	1420.2	1409.8	1406.4	1402.2
66°	1391.9	1386.3	1376.0	1372.5	1369.8





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1289.6	1283.4	1274.4	1270.9	1267.5
68°	1254.3	1248.8	1239.8	1237.1	1233.6
68.5°	1219.1	1213.6	1204.6	1202.5	1200.4
69°	1183.9	1178.3	1170.7	1168.7	1165.9
69.5°	1149.3	1143.8	1136.9	1134.8	1131.3
70°	1114.1	1109.2	1102.3	1100.2	1096.8
70.5°	1078.8	1074.0	1067.8	1065.7	1062.2
71°	1043.6	1039.4	1033.9	1031.1	1027.7
71.5°	1009.0	1004.9	998.6	996.6	993.8
72°	973.8	970.3	964.1	962.7	959.2
72.5°	938.5	935.8	929.5	928.1	925.4
73°	903.3	900.5	894.3	892.9	890.8
73.5°	868.7	865.9	860.4	858.3	856.3
74°	834.2	832.1	826.6	825.2	822.4
74.5°	798.9	797.5	792.7	790.6	788.5
75°	763.7	763.7	758.8	757.4	755.4
75.5°	729.8	729.8	725.0	723.6	721.5
76°	695.9	695.9	691.1	689.8	687.0
76.5°	661.7	662.0	657.9	656.5	654.2
77°	629.0	629.2	625.6	623.7	621.4
77.5°	593.9	595.6	592.5	590.9	588.6
78°	561.2	563.3	560.2	558.9	557.0
78.5°	530.4	531.7	529.7	528.1	525.4
79°	498.1	499.2	497.9	496.5	493.9
79.5°	466.4	468.1	467.2	465.9	462.9
80°	435.9	437.1	437.3	435.5	432.6
80.5°	403.8	406.4	406.8	404.9	403.5
81°	374.2	376.6	377.3	376.2	374.2
81.5°	345.0	347.8	348.5	347.8	345.3
82°	315.8	319.2	320.3	319.8	317.0
82.5°	287.8	291.7	292.8	292.4	289.8
83°	260.8	265.0	266.0	266.4	264.0
83.5°	234.6	238.6	239.9	240.3	237.7
84°	209.4	213.0	214.7	215.3	213.2
84.5°	185.5	188.4	190.4	191.3	190.3
85°	163.0	165.0	166.9	168.1	166.7
85.5°	141.1	142.8	144.2	146.1	144.9
86°	120.8	122.5	123.4	125.0	125.0
86.5°	101.5	102.2	103.0	104.8	104.8
87°	82.9	83.0	83.3	85.6	85.6
87.5°	64.0	64.5	64.8	66.8	67.5
88°	45.1	46.7	47.1	49.0	48.9
88.5°	31.9	31.9	31.9	33.7	34.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.5	1.5	1.5	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	0.3
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°	1.0	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°	1.0	1.0	1.0	1.0	0.9
104°	1.2	1.0	1.0	1.0	0.9
104.5°	1.0	1.1	1.1	1.1	1.0
105°	1.2	1.1	1.0	1.2	1.2
105.5°	1.2	1.0	1.1	1.0	1.0
106°	1.1	1.1	1.2	1.2	1.2
106.5°	1.2	1.1	1.2	1.1	1.0
107°	1.2	1.2	1.2	1.2	1.1
107.5°	1.3	1.2	1.2	1.3	1.2
108°	1.3	1.2	1.1	1.3	1.2
108.5°	1.3	1.3	1.3	1.2	1.2
109°	1.4	1.3	1.3	1.3	1.4
109.5°	1.5	1.2	1.5	1.4	1.2
110°	1.4	1.4	1.4	1.5	1.4
110.5°	1.5	1.4	1.5	1.5	1.5
111°	1.5	1.5	1.5	1.5	1.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L950-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.7	1.7	1.8	1.7	1.6
113°	1.9	1.7	1.7	1.7	1.7
113.5°	1.9	1.9	1.9	1.9	1.9
114°	1.9	1.9	2.0	2.0	1.9
114.5°	2.1	2.1	2.0	2.0	1.9
115°	2.1	2.1	2.0	2.1	2.0
115.5°	2.3	2.1	2.2	2.1	2.0
116°	2.2	2.3	2.3	2.2	2.1
116.5°	2.3	2.3	2.3	2.3	2.3
117°	2.5	2.5	2.5	2.5	2.2
117.5°	2.6	2.5	2.6	2.5	2.3
118°	2.6	2.6	2.7	2.6	2.4
118.5°	2.8	2.7	2.7	2.6	2.6
119°	2.8	2.8	2.9	2.7	2.7
119.5°	2.9	2.9	2.9	2.8	2.8
120°	3.0	3.0	3.0	2.9	3.0
120.5°	3.1	3.0	3.1	3.0	3.0
121°	3.1	3.1	3.1	3.1	3.0
121.5°	3.5	3.3	3.2	3.1	3.1
122°	3.2	3.5	3.3	3.2	3.3
122.5°	3.5	3.5	3.4	3.4	3.2
123°	3.6	3.6	3.5	3.5	3.4
123.5°	3.6	3.7	3.5	3.4	3.5
124°	3.7	3.7	3.7	3.5	3.5
124.5°	3.9	3.7	3.7	3.6	3.6
125°	4.0	3.9	3.8	3.7	3.7
125.5°	4.0	3.9	3.8	3.7	3.8
126°	4.0	3.9	3.8	3.8	3.7
126.5°	3.9	3.9	4.0	3.8	3.9
127°	4.0	4.0	3.9	3.8	3.7
127.5°	4.1	4.1	4.0	3.8	3.7
128°	4.1	3.9	3.9	3.8	3.9
128.5°	4.0	4.0	3.9	3.7	3.9
129°	3.9	3.9	3.9	3.8	3.7
129.5°	3.9	3.9	3.9	3.8	3.8
130°	3.9	3.9	3.8	3.7	3.7
130.5°	4.0	3.9	3.9	3.5	3.7
131°	3.8	3.8	3.8	3.6	3.7
131.5°	3.9	3.7	3.6	3.5	3.6
132°	3.8	3.7	3.7	3.5	3.5
132.5°	3.8	3.7	3.6	3.5	3.6
133°	3.7	3.5	3.5	3.3	3.5
133.5°	3.7	3.5	3.4	3.2	3.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L950-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	3.6	3.4	3.2	3.2	3.5
135.5°	3.4	3.5	3.2	3.1	3.3
136°	3.3	3.2	3.1	3.0	3.3
136.5°	3.4	3.2	3.1	3.0	3.2
137°	3.3	3.2	3.1	3.0	3.2
137.5°	3.2	3.1	3.0	2.8	3.0
138°	3.2	3.0	2.9	2.8	3.0
138.5°	3.2	3.0	3.0	2.8	3.0
139°	2.8	3.0	2.9	2.6	3.0
139.5°	3.0	2.8	2.8	2.7	3.0
140°	3.0	2.8	2.8	2.6	2.8
140.5°	3.0	2.8	2.8	2.6	2.8
141°	2.8	2.8	2.7	2.5	2.6
141.5°	2.6	2.8	2.8	2.5	2.6
142°	2.6	2.6	2.7	2.6	2.4
142.5°	2.6	2.7	2.6	2.5	2.4
143°	2.7	2.6	2.6	2.6	2.4
143.5°	2.7	2.6	2.6	2.4	2.4
144°	2.7	2.5	2.7	2.3	2.5
144.5°	2.6	2.5	2.6	2.4	2.5
145°	2.6	2.5	2.6	2.3	2.5
145.5°	2.6	2.4	2.5	2.3	2.6
146°	2.6	2.4	2.3	2.3	2.5
146.5°	2.6	2.4	2.3	2.3	2.5
147°	2.6	2.4	2.3	2.3	2.3
147.5°	2.5	2.4	2.3	2.3	2.6
148°	2.6	2.4	2.3	2.3	2.6
148.5°	2.6	2.5	2.3	2.3	2.6
149°	2.6	2.4	2.3	2.3	2.6
149.5°	2.7	2.3	2.3	2.3	2.6
150°	2.6	2.5	2.3	2.3	2.6
150.5°	2.6	2.4	2.3	2.3	2.6
151°	2.7	2.4	2.3	2.3	2.7
151.5°	2.6	2.5	2.3	2.3	2.7
152°	2.7	2.5	2.4	2.5	2.6
152.5°	2.7	2.6	2.3	2.4	2.7
153°	2.6	2.5	2.4	2.6	2.8
153.5°	2.8	2.6	2.3	2.5	2.7
154°	2.7	2.6	2.5	2.5	2.7
154.5°	2.7	2.5	2.5	2.6	2.8
155°	2.6	2.6	2.6	2.6	2.8
155.5°	2.7	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-110-L950-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	2.6	2.4	2.5	2.6	2.7
158°	2.8	2.6	2.5	2.6	2.8
158.5°	2.6	2.6	2.4	2.6	2.7
159°	2.7	2.6	2.5	2.6	2.8
159.5°	2.6	2.5	2.5	2.6	2.9
160°	2.6	2.6	2.4	2.6	2.8
160.5°	2.6	2.5	2.5	2.6	2.8
161°	2.6	2.5	2.5	2.6	2.8
161.5°	2.6	2.6	2.5	2.5	2.6
162°	2.6	2.5	2.6	2.6	2.6
162.5°	2.7	2.6	2.6	2.6	2.7
163°	2.7	2.6	2.6	2.6	2.6
163.5°	2.6	2.6	2.6	2.6	2.8
164°	2.6	2.6	2.6	2.8	2.8
164.5°	2.5	2.7	2.6	2.8	2.8
165°	2.6	2.6	2.5	2.7	2.8
165.5°	2.4	2.6	2.5	2.9	2.8
166°	2.6	2.6	2.6	2.8	2.7
166.5°	2.6	2.6	2.5	2.8	2.6
167°	2.6	2.8	2.6	2.9	2.8
167.5°	2.6	2.8	2.6	3.0	2.8
168°	2.7	2.7	2.6	2.9	2.8
168.5°	2.6	2.8	2.7	3.1	2.8
169°	2.8	2.8	2.6	3.1	2.8
169.5°	2.8	2.8	2.6	3.0	2.9
170°	2.8	2.8	2.7	3.1	2.8
170.5°	2.8	2.9	2.7	3.1	3.0
171°	2.8	2.8	2.8	3.1	3.0
171.5°	2.8	2.8	2.8	3.2	2.9
172°	2.8	2.8	2.9	3.2	3.0
172.5°	2.9	2.9	3.0	3.2	3.0
173°	2.8	2.8	3.0	3.2	3.0
173.5°	3.0	2.9	3.0	3.1	3.1
174°	3.0	3.0	3.2	3.2	3.0
174.5°	3.0	3.2	3.2	3.3	3.2
175°	3.2	3.2	3.2	3.3	3.1
175.5°	3.2	3.2	3.4	3.2	3.2
176°	3.4	3.3	3.2	3.2	3.2
176.5°	3.5	3.2	3.3	3.0	3.2
177°	3.3	3.2	3.1	3.0	3.2
177.5°	3.4	3.2	3.0	3.0	3.2
178°	3.2	3.1	3.0	3.0	3.0
178.5°	3.1	3.0	2.9	2.9	2.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L950-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	2.7	2.7	2.7	2.7	2.7



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	2840.4	2837.0	2823.1	2810.0	2804.5
22°	2839.0	2835.6	2821.1	2807.9	2802.4



44°	2542.6	2532.2	2511.5	2499.0	2490.7
44.5°	2526.7	2515.6	2496.3	2483.1	2474.8



66.5°	1358.0	1352.5	1342.1	1338.7	1335.2
67°	1324.1	1317.9	1308.3	1304.8	1302.0



89°	20.2	19.8	19.6	20.7	20.9
89.5°	8.9	9.1	8.8	9.5	9.3



111.5°	1.7	1.5	1.6	1.6	1.5
112°	1.7	1.6	1.6	1.6	1.7





134°	3.5	3.5	3.4	3.3	3.5
134.5°	3.6	3.4	3.4	3.2	3.3



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



179°	3.0	2.9	2.8	2.8	3.0
179.5°	2.6	2.8	2.7	2.6	2.8



(END OF REPORT)