

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-100-L830-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-100-L830-CFR2  
Description: 10000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS  
AND 3000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No. Condition Description

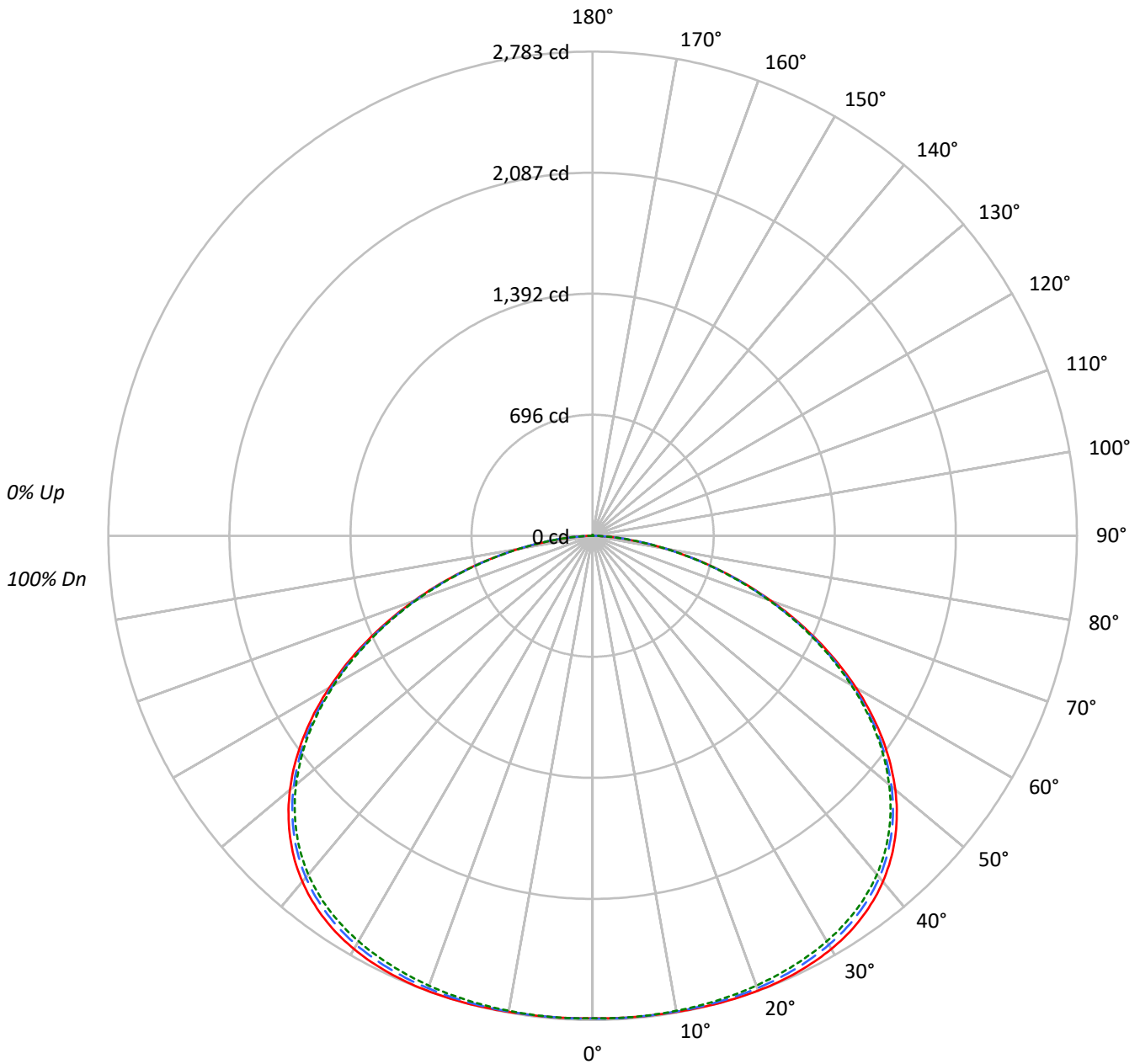
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10044.0 lumens  
Efficiency: N/A  
Efficacy: 126.5 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): 79.4  
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-100-L830-CFR2

### Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L830-CFR2

**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°	1980	1980	1980
5°	1990	1990	1989
10°	2015	2013	2010
15°	2057	2051	2044
20°	2114	2102	2090
25°	2183	2166	2149
30°	2261	2238	2218
35°	2342	2315	2294
40°	2418	2389	2369
45°	2482	2451	2430
50°	2522	2491	2471
55°	2530	2498	2480
60°	2496	2465	2451
65°	2415	2387	2376
70°	2276	2252	2241
75°	2062	2049	2040
80°	1754	1760	1741
85°	1306	1338	1337



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L830-CFR2

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	265.0	2.6
10°-20°	786.2	7.8
20°-30°	1270.9	12.7
30°-40°	1664.7	16.6
40°-50°	1872.4	18.6
50°-60°	1791.7	17.8
60°-70°	1397.4	13.9
70°-80°	787.5	7.8
80°-90°	194.9	1.9
90°-100°	0.7	0.0
100°-110°	1.1	0.0
110°-120°	2.0	0.0
120°-130°	3.2	0.0
130°-140°	2.5	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°	2322.2	23.1
0°-40°	3986.8	39.7
0°-60°	7651.0	76.2
0°-90°	10030.7	99.9
90°-120°	3.9	0.0
90°-150°	11.1	0.1
90°-180°	13.0	0.1
0°-180°	10044.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2774	2774	2774	2774	2774	
5°	2777	2777	2777	2777	2776	265
15°	2783	2782	2775	2769	2766	789
25°	2771	2766	2750	2734	2728	1281
35°	2687	2678	2656	2640	2632	1682
45°	2458	2447	2428	2416	2407	1893
55°	2032	2022	2007	1998	1992	1812
65°	1430	1424	1413	1409	1407	1411
75°	748	748	743	742	740	792
85°	160	162	163	165	163	185
90°	2	1	2	2	1	8
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°	4	3	3	3	3	3
145°	3	2	2	2	2	2
155°	2	2	2	3	3	1
165°	2	2	2	3	3	1
175°	3	3	3	3	3	0
180°	3	3	3	3	3	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L830-CFR2

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2773.9	2773.9	2773.9	2773.9	2773.9
0.5°	2773.2	2775.2	2775.9	2775.2	2773.9
1°	2773.9	2775.2	2775.9	2775.9	2774.5
1.5°	2774.5	2775.9	2775.9	2775.9	2775.2
2°	2774.5	2775.9	2775.9	2776.6	2775.2
2.5°	2775.2	2776.6	2776.6	2776.6	2775.2
3°	2775.9	2776.6	2776.6	2776.6	2775.9
3.5°	2775.9	2776.6	2776.6	2776.6	2775.9
4°	2776.6	2776.6	2776.6	2776.6	2775.9
4.5°	2776.6	2777.2	2776.6	2776.6	2775.9
5°	2776.6	2777.2	2776.6	2776.6	2775.9
5.5°	2776.6	2777.2	2776.6	2776.6	2775.9
6°	2777.2	2777.2	2776.6	2776.6	2775.2
6.5°	2777.2	2777.9	2777.2	2776.6	2775.2
7°	2777.2	2777.9	2776.6	2776.6	2775.2
7.5°	2777.2	2777.9	2776.6	2775.9	2774.5
8°	2777.9	2777.9	2777.2	2775.9	2774.5
8.5°	2777.9	2778.6	2776.6	2775.9	2773.9
9°	2778.6	2778.6	2777.2	2775.2	2773.9
9.5°	2778.6	2779.3	2776.6	2775.2	2773.2
10°	2779.3	2779.3	2776.6	2774.5	2772.5
10.5°	2780.0	2780.0	2776.6	2774.5	2772.5
11°	2780.0	2780.0	2776.6	2773.9	2771.8
11.5°	2780.6	2780.6	2776.6	2773.2	2771.2
12°	2780.6	2780.6	2776.6	2773.2	2770.5
12.5°	2781.3	2780.6	2775.9	2772.5	2769.8
13°	2781.3	2780.6	2775.9	2771.8	2769.1
13.5°	2782.0	2781.3	2775.9	2771.2	2768.4
14°	2782.0	2781.3	2775.9	2770.5	2767.1
14.5°	2782.7	2781.3	2775.2	2769.8	2766.4
15°	2782.7	2782.0	2775.2	2769.1	2765.7
15.5°	2783.3	2782.0	2774.5	2767.8	2764.4
16°	2782.7	2782.0	2773.9	2767.1	2763.0
16.5°	2783.3	2782.0	2773.9	2765.7	2761.7
17°	2783.3	2781.3	2773.2	2764.4	2761.0
17.5°	2783.3	2781.3	2771.8	2763.7	2759.7
18°	2783.3	2781.3	2771.2	2762.4	2757.6
18.5°	2783.3	2780.6	2770.5	2761.0	2756.3
19°	2782.7	2780.6	2769.8	2759.7	2754.9
19.5°	2782.7	2780.0	2768.4	2757.6	2752.9
20°	2782.0	2779.3	2767.1	2756.3	2751.5
20.5°	2781.3	2778.6	2766.4	2754.9	2749.5
21°	2781.3	2777.9	2765.1	2752.9	2747.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L830-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	2778.6	2774.5	2760.3	2746.8	2740.7
23°	2777.2	2773.2	2758.3	2744.8	2738.7
23.5°	2775.9	2771.8	2756.3	2742.1	2736.0
24°	2774.5	2770.5	2754.2	2739.4	2733.3
24.5°	2773.2	2768.4	2752.2	2736.7	2730.6
25°	2771.2	2766.4	2749.5	2733.9	2727.9
25.5°	2769.1	2764.4	2746.8	2731.2	2724.5
26°	2767.1	2762.4	2744.1	2728.5	2721.8
26.5°	2765.1	2759.7	2741.4	2725.1	2718.4
27°	2762.4	2756.9	2738.0	2721.8	2715.0
27.5°	2759.7	2754.2	2734.6	2718.4	2711.6
28°	2756.9	2750.9	2731.2	2715.0	2708.2
28.5°	2753.6	2747.5	2727.9	2710.9	2704.2
29°	2750.2	2744.1	2723.8	2706.9	2700.1
29.5°	2746.8	2740.0	2719.7	2702.8	2695.4
30°	2742.7	2736.0	2715.0	2698.1	2690.6
30.5°	2738.7	2731.9	2710.3	2693.4	2686.6
31°	2733.9	2727.2	2705.5	2688.6	2681.2
31.5°	2729.9	2722.4	2700.1	2683.9	2676.4
32°	2724.5	2717.0	2695.4	2678.5	2671.0
32.5°	2719.1	2711.6	2689.3	2672.4	2664.9
33°	2713.6	2705.5	2683.2	2667.0	2658.8
33.5°	2707.6	2699.4	2677.1	2660.9	2652.8
34°	2700.8	2692.7	2670.3	2654.1	2646.7
34.5°	2694.0	2685.9	2663.6	2647.3	2639.9
35°	2687.3	2678.5	2656.1	2639.9	2632.5
35.5°	2679.8	2671.0	2648.7	2632.5	2625.0
36°	2672.4	2662.9	2640.6	2625.0	2616.9
36.5°	2663.6	2654.8	2632.5	2616.9	2609.5
37°	2654.8	2646.0	2623.7	2608.1	2600.7
37.5°	2646.0	2636.5	2614.9	2599.3	2591.2
38°	2636.5	2627.7	2605.4	2590.5	2582.4
38.5°	2627.0	2617.6	2595.3	2580.4	2572.9
39°	2616.9	2606.8	2585.1	2570.9	2562.8
39.5°	2606.1	2595.9	2575.0	2560.1	2552.6
40°	2594.6	2585.1	2563.5	2549.2	2541.8
40.5°	2583.8	2573.6	2552.0	2538.4	2530.3
41°	2571.6	2561.4	2540.5	2526.2	2518.1
41.5°	2558.7	2548.6	2527.6	2514.1	2505.9
42°	2545.9	2535.7	2514.7	2501.9	2493.1
42.5°	2532.3	2522.2	2501.2	2488.4	2480.2
43°	2518.8	2508.0	2487.7	2474.8	2466.7
43.5°	2504.6	2493.8	2473.5	2460.6	2452.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L830-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2457.9	2447.1	2427.5	2416.0	2407.2
45.5°	2441.7	2430.2	2411.2	2399.7	2391.6
46°	2424.8	2413.3	2394.3	2382.8	2374.7
46.5°	2407.2	2395.7	2377.4	2365.9	2357.8
47°	2388.9	2378.1	2359.1	2349.0	2340.2
47.5°	2370.6	2359.1	2340.9	2330.7	2321.9
48°	2352.4	2340.2	2322.6	2311.8	2303.0
48.5°	2332.7	2321.2	2303.7	2293.5	2285.4
49°	2311.8	2301.0	2283.4	2272.5	2265.1
49.5°	2291.5	2280.7	2263.1	2252.9	2244.8
50°	2270.5	2259.0	2242.8	2232.6	2224.5
50.5°	2248.9	2237.4	2221.1	2211.0	2203.5
51°	2227.2	2215.7	2199.5	2189.3	2181.2
51.5°	2204.2	2192.7	2176.5	2167.0	2159.6
52°	2181.2	2169.7	2153.5	2144.7	2137.2
52.5°	2158.2	2146.7	2130.5	2121.0	2114.2
53°	2133.2	2122.3	2107.5	2098.7	2091.2
53.5°	2108.1	2097.3	2082.4	2073.6	2066.9
54°	2083.1	2072.3	2057.4	2048.6	2042.5
54.5°	2058.7	2047.2	2033.0	2024.2	2018.2
55°	2032.4	2021.5	2007.3	1998.5	1992.4
55.5°	2006.0	1995.2	1980.9	1972.1	1966.7
56°	1978.2	1968.1	1953.9	1946.4	1941.0
56.5°	1950.5	1941.0	1926.8	1919.4	1914.0
57°	1923.4	1913.3	1899.8	1893.0	1887.6
57.5°	1896.4	1885.5	1872.0	1865.3	1859.8
58°	1866.6	1856.5	1843.6	1836.8	1832.1
58.5°	1837.5	1828.0	1814.5	1808.4	1803.7
59°	1808.4	1799.0	1786.1	1780.0	1775.3
59.5°	1778.0	1769.2	1756.3	1750.2	1745.5
60°	1748.2	1738.7	1726.6	1721.1	1716.4
60.5°	1717.8	1709.6	1696.8	1691.4	1686.6
61°	1686.6	1678.5	1666.3	1660.9	1656.2
61.5°	1654.8	1648.1	1635.9	1630.5	1626.4
62°	1623.7	1617.0	1604.8	1600.0	1596.0
62.5°	1591.9	1585.2	1573.0	1568.2	1564.2
63°	1560.1	1553.4	1541.9	1537.1	1533.1
63.5°	1527.7	1520.9	1510.1	1505.3	1501.3
64°	1495.2	1488.4	1476.9	1473.5	1468.8
64.5°	1462.7	1455.9	1444.4	1441.1	1437.0
65°	1429.6	1424.1	1413.3	1409.3	1406.6
65.5°	1397.1	1390.3	1380.2	1376.8	1372.7
66°	1362.6	1357.2	1347.0	1343.6	1340.9





TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L830-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1262.4	1256.4	1247.6	1244.2	1240.8
68°	1227.9	1222.5	1213.7	1211.0	1207.6
68.5°	1193.4	1188.0	1179.2	1177.2	1175.2
69°	1158.9	1153.5	1146.1	1144.0	1141.3
69.5°	1125.1	1119.7	1112.9	1110.9	1107.5
70°	1090.6	1085.9	1079.1	1077.1	1073.7
70.5°	1056.1	1051.4	1045.3	1043.2	1039.9
71°	1021.6	1017.5	1012.1	1009.4	1006.0
71.5°	987.8	983.7	977.6	975.6	972.9
72°	953.3	949.9	943.8	942.4	939.1
72.5°	918.8	916.1	910.0	908.6	905.9
73°	884.3	881.5	875.5	874.1	872.1
73.5°	850.4	847.7	842.3	840.3	838.2
74°	816.6	814.6	809.2	807.8	805.1
74.5°	782.1	780.7	776.0	774.0	771.9
75°	747.6	747.6	742.9	741.5	739.5
75.5°	714.4	714.4	709.7	708.3	706.3
76°	681.3	681.3	676.6	675.3	672.6
76.5°	647.8	648.1	644.1	642.7	640.4
77°	615.7	616.0	612.4	610.6	608.4
77.5°	581.4	583.1	580.1	578.5	576.2
78°	549.4	551.5	548.4	547.1	545.2
78.5°	519.3	520.5	518.6	517.0	514.4
79°	487.7	488.7	487.4	486.0	483.5
79.5°	456.5	458.2	457.3	456.1	453.2
80°	426.7	427.9	428.1	426.3	423.5
80.5°	395.3	397.8	398.2	396.4	395.0
81°	366.3	368.7	369.3	368.2	366.4
81.5°	337.7	340.5	341.1	340.5	338.1
82°	309.1	312.5	313.5	313.0	310.3
82.5°	281.8	285.6	286.7	286.2	283.7
83°	255.3	259.4	260.4	260.7	258.4
83.5°	229.6	233.5	234.8	235.2	232.7
84°	205.0	208.5	210.1	210.8	208.7
84.5°	181.6	184.4	186.4	187.3	186.3
85°	159.5	161.6	163.4	164.6	163.2
85.5°	138.2	139.8	141.1	143.0	141.9
86°	118.3	119.9	120.8	122.3	122.3
86.5°	99.3	100.1	100.8	102.6	102.6
87°	81.2	81.3	81.5	83.8	83.8
87.5°	62.6	63.2	63.5	65.4	66.1
88°	44.2	45.7	46.1	48.0	47.8
88.5°	31.3	31.3	31.2	33.0	33.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L830-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.5	1.4	1.5	1.6	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	0.7
94.5°	0.6	0.6	0.5	0.6	0.6
95°	0.6	0.5	0.6	0.5	0.7
95.5°	0.5	0.6	0.7	0.6	0.7
96°	0.7	0.7	0.6	0.6	0.7
96.5°	0.7	0.7	0.7	0.6	0.7
97°	0.7	0.7	0.7	0.6	0.8
97.5°	0.8	0.7	0.7	0.6	0.8
98°	0.9	0.7	0.7	0.7	0.9
98.5°	0.9	0.7	0.7	0.7	0.8
99°	0.8	0.8	0.7	0.7	0.7
99.5°	0.9	0.7	0.8	0.7	0.7
100°	0.9	0.8	0.8	0.8	0.9
100.5°	0.9	0.9	0.8	0.9	0.9
101°	0.9	0.8	0.8	0.8	0.8
101.5°	1.0	0.8	0.9	0.9	0.9
102°	1.1	0.9	0.9	0.9	0.9
102.5°	0.9	0.9	0.9	0.9	0.9
103°	0.9	0.8	0.9	0.9	0.9
103.5°	1.0	1.0	0.9	0.9	0.9
104°	1.2	1.0	1.0	0.9	0.9
104.5°	1.0	1.1	1.1	1.1	0.9
105°	1.2	1.1	1.0	1.2	1.2
105.5°	1.2	0.9	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°	1.4	1.2	1.4	1.4	1.2
110°	1.4	1.4	1.4	1.4	1.4
110.5°	1.4	1.4	1.4	1.4	1.5
111°	1.4	1.5	1.5	1.5	1.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L830-CFR2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L830-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	3.5	3.3	3.2	3.1	3.4
135.5°	3.3	3.4	3.2	3.0	3.2
136°	3.2	3.2	3.0	2.9	3.2
136.5°	3.3	3.2	3.0	2.9	3.2
137°	3.2	3.1	3.0	2.9	3.1
137.5°	3.2	3.0	3.0	2.8	3.0
138°	3.1	3.0	2.8	2.8	3.0
138.5°	3.2	3.0	2.9	2.7	2.9
139°	2.8	2.9	2.8	2.6	3.0
139.5°	3.0	2.8	2.7	2.6	2.9
140°	2.9	2.7	2.8	2.6	2.7
140.5°	2.9	2.7	2.7	2.6	2.7
141°	2.8	2.7	2.6	2.4	2.6
141.5°	2.6	2.7	2.7	2.4	2.6
142°	2.5	2.5	2.6	2.5	2.4
142.5°	2.5	2.6	2.6	2.4	2.4
143°	2.6	2.6	2.6	2.5	2.4
143.5°	2.6	2.6	2.6	2.4	2.4
144°	2.6	2.4	2.6	2.3	2.4
144.5°	2.5	2.4	2.5	2.4	2.4
145°	2.6	2.4	2.5	2.2	2.4
145.5°	2.5	2.4	2.4	2.2	2.6
146°	2.5	2.4	2.3	2.2	2.4
146.5°	2.6	2.4	2.3	2.2	2.4
147°	2.5	2.4	2.2	2.3	2.3
147.5°	2.4	2.4	2.2	2.3	2.5
148°	2.5	2.4	2.3	2.2	2.5
148.5°	2.6	2.4	2.3	2.2	2.5
149°	2.5	2.4	2.3	2.2	2.5
149.5°	2.6	2.3	2.3	2.2	2.6
150°	2.6	2.4	2.3	2.2	2.5
150.5°	2.5	2.4	2.3	2.3	2.5
151°	2.6	2.4	2.2	2.3	2.6
151.5°	2.6	2.4	2.2	2.3	2.6
152°	2.6	2.4	2.4	2.4	2.5
152.5°	2.6	2.5	2.3	2.4	2.6
153°	2.6	2.4	2.4	2.5	2.7
153.5°	2.8	2.5	2.3	2.4	2.6
154°	2.6	2.5	2.4	2.4	2.6
154.5°	2.6	2.4	2.4	2.6	2.7
155°	2.5	2.5	2.5	2.6	2.8
155.5°	2.6	2.4	2.4	2.5	2.7
156°	2.5	2.5	2.5	2.5	2.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L830-CFR2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L830-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	2.6	2.6	2.6	2.6	2.6



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	2780.6	2777.2	2763.7	2750.9	2745.4
22°	2779.3	2775.9	2761.7	2748.8	2743.4



44°	2489.0	2478.9	2458.6	2446.4	2438.3
44.5°	2473.5	2462.6	2443.7	2430.8	2422.7



66.5°	1329.4	1324.0	1313.9	1310.5	1307.1
67°	1296.3	1290.2	1280.7	1277.3	1274.6



89°	19.8	19.4	19.2	20.2	20.5
89.5°	8.7	8.9	8.7	9.3	9.1



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	3.4	3.3	3.2	3.5
134.5°	3.5	3.3	3.3	3.1	3.2



156.5°	2.6	2.4	2.5	2.6	2.6
157°	2.6	2.4	2.5	2.5	2.6



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



(END OF REPORT)