

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-90-L850-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-90-L850-CFR2
Description: 9000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 5000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

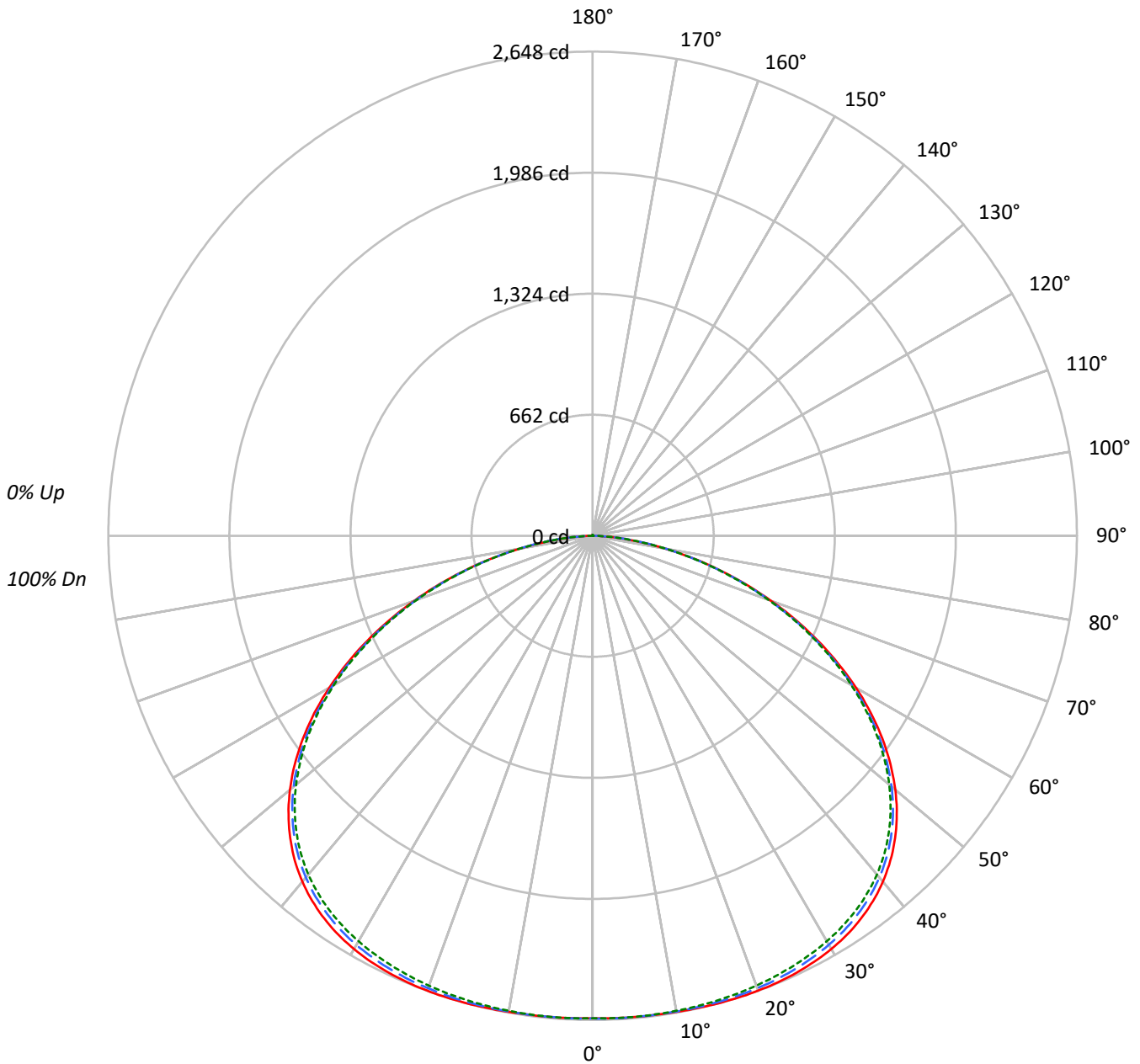
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9557.0 lumens
Efficiency: N/A
Efficacy: 137.7 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): 69.4
Input Voltage (V):
Input Current (A_{in}): 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									
RC	80									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°	1884	1884	1884
5°	1893	1893	1893
10°	1917	1915	1912
15°	1957	1952	1945
20°	2011	2000	1989
25°	2077	2061	2045
30°	2151	2130	2110
35°	2228	2203	2183
40°	2301	2273	2254
45°	2361	2332	2312
50°	2399	2370	2351
55°	2407	2377	2360
60°	2375	2346	2332
65°	2298	2272	2261
70°	2166	2143	2132
75°	1962	1950	1941
80°	1669	1675	1657
85°	1243	1274	1272



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	252.2	2.6
10°-20°	748.1	7.8
20°-30°	1209.3	12.7
30°-40°	1583.9	16.6
40°-50°	1781.6	18.6
50°-60°	1704.8	17.8
60°-70°	1329.6	13.9
70°-80°	749.3	7.8
80°-90°	185.4	1.9
90°-100°	0.7	0.0
100°-110°	1.1	0.0
110°-120°	1.9	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°	2209.6	23.1
0°-40°	3793.5	39.7
0°-60°	7280.0	76.2
0°-90°	9544.4	99.9
90°-120°	3.7	0.0
90°-150°	10.6	0.1
90°-180°	13.0	0.1
0°-180°	9557.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2639	2639	2639	2639	2639	
5°	2642	2643	2642	2642	2641	252
15°	2648	2647	2641	2635	2632	750
25°	2637	2632	2616	2601	2596	1219
35°	2557	2549	2527	2512	2505	1601
45°	2339	2328	2310	2299	2290	1802
55°	1934	1924	1910	1902	1896	1724
65°	1360	1355	1345	1341	1338	1343
75°	711	711	707	706	704	754
85°	152	154	156	157	155	176
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°	2639.4	2639.4	2639.4	2639.4	2639.4
0.5°	2638.7	2640.7	2641.3	2640.7	2639.4
1°	2639.4	2640.7	2641.3	2641.3	2640.0
1.5°	2640.0	2641.3	2641.3	2641.3	2640.7
2°	2640.0	2641.3	2641.3	2641.9	2640.7
2.5°	2640.7	2641.9	2641.9	2641.9	2640.7
3°	2641.3	2641.9	2641.9	2641.9	2641.3
3.5°	2641.3	2641.9	2641.9	2641.9	2641.3
4°	2641.9	2641.9	2641.9	2641.9	2641.3
4.5°	2641.9	2642.6	2641.9	2641.9	2641.3
5°	2641.9	2642.6	2641.9	2641.9	2641.3
5.5°	2641.9	2642.6	2641.9	2641.9	2641.3
6°	2642.6	2642.6	2641.9	2641.9	2640.7
6.5°	2642.6	2643.2	2642.6	2641.9	2640.7
7°	2642.6	2643.2	2641.9	2641.9	2640.7
7.5°	2642.6	2643.2	2641.9	2641.3	2640.0
8°	2643.2	2643.2	2642.6	2641.3	2640.0
8.5°	2643.2	2643.9	2641.9	2641.3	2639.4
9°	2643.9	2643.9	2642.6	2640.7	2639.4
9.5°	2643.9	2644.5	2641.9	2640.7	2638.7
10°	2644.5	2644.5	2641.9	2640.0	2638.1
10.5°	2645.2	2645.2	2641.9	2640.0	2638.1
11°	2645.2	2645.2	2641.9	2639.4	2637.4
11.5°	2645.8	2645.8	2641.9	2638.7	2636.8
12°	2645.8	2645.8	2641.9	2638.7	2636.1
12.5°	2646.4	2645.8	2641.3	2638.1	2635.5
13°	2646.4	2645.8	2641.3	2637.4	2634.9
13.5°	2647.1	2646.4	2641.3	2636.8	2634.2
14°	2647.1	2646.4	2641.3	2636.1	2632.9
14.5°	2647.7	2646.4	2640.7	2635.5	2632.3
15°	2647.7	2647.1	2640.7	2634.9	2631.6
15.5°	2648.4	2647.1	2640.0	2633.6	2630.4
16°	2647.7	2647.1	2639.4	2632.9	2629.1
16.5°	2648.4	2647.1	2639.4	2631.6	2627.8
17°	2648.4	2646.4	2638.7	2630.4	2627.1
17.5°	2648.4	2646.4	2637.4	2629.7	2625.8
18°	2648.4	2646.4	2636.8	2628.4	2623.9
18.5°	2648.4	2645.8	2636.1	2627.1	2622.6
19°	2647.7	2645.8	2635.5	2625.8	2621.3
19.5°	2647.7	2645.2	2634.2	2623.9	2619.4
20°	2647.1	2644.5	2632.9	2622.6	2618.1
20.5°	2646.4	2643.9	2632.3	2621.3	2616.2
21°	2646.4	2643.2	2631.0	2619.4	2614.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2643.9	2640.0	2626.5	2613.6	2607.8
23°	2642.6	2638.7	2624.6	2611.7	2605.9
23.5°	2641.3	2637.4	2622.6	2609.1	2603.3
24°	2640.0	2636.1	2620.7	2606.5	2600.7
24.5°	2638.7	2634.2	2618.8	2604.0	2598.2
25°	2636.8	2632.3	2616.2	2601.4	2595.6
25.5°	2634.9	2630.4	2613.6	2598.8	2592.4
26°	2632.9	2628.4	2611.0	2596.2	2589.8
26.5°	2631.0	2625.8	2608.5	2593.0	2586.6
27°	2628.4	2623.3	2605.2	2589.8	2583.4
27.5°	2625.8	2620.7	2602.0	2586.6	2580.1
28°	2623.3	2617.5	2598.8	2583.4	2576.9
28.5°	2620.1	2614.3	2595.6	2579.5	2573.1
29°	2616.8	2611.0	2591.7	2575.6	2569.2
29.5°	2613.6	2607.2	2587.9	2571.8	2564.7
30°	2609.8	2603.3	2583.4	2567.3	2560.2
30.5°	2605.9	2599.5	2578.9	2562.8	2556.3
31°	2601.4	2594.9	2574.3	2558.3	2551.2
31.5°	2597.5	2590.4	2569.2	2553.7	2546.7
32°	2592.4	2585.3	2564.7	2548.6	2541.5
32.5°	2587.2	2580.1	2558.9	2542.8	2535.7
33°	2582.1	2574.3	2553.1	2537.7	2529.9
33.5°	2576.3	2568.6	2547.3	2531.9	2524.1
34°	2569.8	2562.1	2540.9	2525.4	2518.3
34.5°	2563.4	2555.7	2534.4	2519.0	2511.9
35°	2557.0	2548.6	2527.4	2511.9	2504.8
35.5°	2549.9	2541.5	2520.3	2504.8	2497.7
36°	2542.8	2533.8	2512.5	2497.7	2490.0
36.5°	2534.4	2526.1	2504.8	2490.0	2482.9
37°	2526.1	2517.7	2496.5	2481.6	2474.6
37.5°	2517.7	2508.7	2488.1	2473.3	2465.6
38°	2508.7	2500.3	2479.1	2464.9	2457.2
38.5°	2499.7	2490.7	2469.4	2455.3	2448.2
39°	2490.0	2480.4	2459.8	2446.2	2438.5
39.5°	2479.7	2470.1	2450.1	2435.9	2428.9
40°	2468.8	2459.8	2439.2	2425.6	2418.6
40.5°	2458.5	2448.8	2428.2	2415.3	2407.6
41°	2446.9	2437.2	2417.3	2403.8	2396.0
41.5°	2434.7	2425.0	2405.0	2392.2	2384.4
42°	2422.4	2412.8	2392.8	2380.6	2372.2
42.5°	2409.5	2399.9	2379.9	2367.7	2360.0
43°	2396.7	2386.4	2367.1	2354.8	2347.1
43.5°	2383.2	2372.9	2353.5	2341.3	2333.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	2338.7	2328.4	2309.8	2298.8	2290.5
45.5°	2323.3	2312.3	2294.3	2283.4	2275.6
46°	2307.2	2296.2	2278.2	2267.3	2259.6
46.5°	2290.5	2279.5	2262.1	2251.2	2243.5
47°	2273.1	2262.8	2244.7	2235.1	2226.7
47.5°	2255.7	2244.7	2227.4	2217.7	2209.3
48°	2238.3	2226.7	2210.0	2199.7	2191.3
48.5°	2219.6	2208.7	2192.0	2182.3	2174.6
49°	2199.7	2189.4	2172.6	2162.3	2155.3
49.5°	2180.4	2170.1	2153.3	2143.7	2136.0
50°	2160.4	2149.5	2134.0	2124.4	2116.6
50.5°	2139.8	2128.9	2113.4	2103.8	2096.7
51°	2119.2	2108.3	2092.8	2083.2	2075.4
51.5°	2097.3	2086.4	2070.9	2061.9	2054.8
52°	2075.4	2064.5	2049.0	2040.7	2033.6
52.5°	2053.6	2042.6	2027.2	2018.1	2011.7
53°	2029.7	2019.4	2005.3	1996.9	1989.8
53.5°	2005.9	1995.6	1981.5	1973.1	1966.6
54°	1982.1	1971.8	1957.6	1949.3	1943.5
54.5°	1958.9	1948.0	1934.5	1926.1	1920.3
55°	1933.8	1923.5	1910.0	1901.6	1895.8
55.5°	1908.7	1898.4	1884.9	1876.5	1871.4
56°	1882.3	1872.7	1859.1	1852.1	1846.9
56.5°	1855.9	1846.9	1833.4	1826.3	1821.2
57°	1830.2	1820.5	1807.6	1801.2	1796.1
57.5°	1804.4	1794.1	1781.3	1774.8	1769.7
58°	1776.1	1766.4	1754.2	1747.8	1743.3
58.5°	1748.4	1739.4	1726.5	1720.7	1716.2
59°	1720.7	1711.7	1699.5	1693.7	1689.2
59.5°	1691.8	1683.4	1671.2	1665.4	1660.9
60°	1663.4	1654.4	1642.8	1637.7	1633.2
60.5°	1634.5	1626.8	1614.5	1609.4	1604.9
61°	1604.9	1597.1	1585.6	1580.4	1575.9
61.5°	1574.6	1568.2	1556.6	1551.4	1547.6
62°	1545.0	1538.6	1527.0	1522.5	1518.6
62.5°	1514.7	1508.3	1496.7	1492.2	1488.3
63°	1484.5	1478.0	1467.1	1462.6	1458.7
63.5°	1453.6	1447.1	1436.8	1432.3	1428.5
64°	1422.7	1416.2	1405.3	1402.1	1397.6
64.5°	1391.8	1385.3	1374.4	1371.2	1367.3
65°	1360.2	1355.1	1344.8	1340.9	1338.4
65.5°	1329.3	1322.9	1313.2	1310.0	1306.2
66°	1296.5	1291.4	1281.7	1278.5	1275.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1201.2	1195.4	1187.1	1183.9	1180.6
68°	1168.4	1163.3	1154.9	1152.3	1149.1
68.5°	1135.6	1130.4	1122.1	1120.1	1118.2
69°	1102.7	1097.6	1090.5	1088.6	1086.0
69.5°	1070.6	1065.4	1059.0	1057.0	1053.8
70°	1037.7	1033.2	1026.8	1024.8	1021.6
70.5°	1004.9	1000.4	994.6	992.7	989.4
71°	972.1	968.2	963.0	960.5	957.3
71.5°	939.9	936.0	930.2	928.3	925.7
72°	907.0	903.8	898.0	896.7	893.5
72.5°	874.2	871.6	865.8	864.6	862.0
73°	841.4	838.8	833.0	831.7	829.8
73.5°	809.2	806.6	801.5	799.5	797.6
74°	777.0	775.1	769.9	768.6	766.1
74.5°	744.2	742.9	738.4	736.4	734.5
75°	711.3	711.3	706.8	705.5	703.6
75.5°	679.8	679.8	675.3	674.0	672.1
76°	648.3	648.3	643.7	642.5	639.9
76.5°	616.4	616.6	612.8	611.5	609.4
77°	585.9	586.1	582.7	581.0	578.9
77.5°	553.2	554.8	551.9	550.4	548.3
78°	522.8	524.7	521.8	520.6	518.8
78.5°	494.1	495.3	493.4	492.0	489.4
79°	464.0	465.0	463.8	462.5	460.0
79.5°	434.4	436.0	435.2	434.0	431.2
80°	406.0	407.2	407.4	405.6	403.0
80.5°	376.1	378.5	378.9	377.2	375.8
81°	348.5	350.8	351.4	350.4	348.6
81.5°	321.4	324.0	324.6	324.0	321.7
82°	294.1	297.3	298.3	297.9	295.3
82.5°	268.1	271.7	272.8	272.4	270.0
83°	242.9	246.8	247.8	248.1	245.9
83.5°	218.5	222.2	223.4	223.8	221.4
84°	195.1	198.4	199.9	200.6	198.6
84.5°	172.8	175.5	177.4	178.2	177.2
85°	151.8	153.7	155.5	156.6	155.3
85.5°	131.5	133.0	134.3	136.1	135.0
86°	112.5	114.1	115.0	116.4	116.4
86.5°	94.5	95.2	95.9	97.6	97.6
87°	77.2	77.3	77.6	79.7	79.8
87.5°	59.6	60.1	60.4	62.3	62.9
88°	42.0	43.5	43.9	45.6	45.5
88.5°	29.7	29.7	29.7	31.4	31.8



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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-90-L850-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.5	1.6	1.7	1.6	1.5
113°	1.7	1.5	1.5	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°	2.4	2.3	2.4	2.3	2.2
118°	2.4	2.4	2.5	2.4	2.3
118.5°	2.6	2.5	2.5	2.4	2.4
119°	2.6	2.6	2.7	2.5	2.5
119.5°	2.7	2.7	2.7	2.6	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°	3.3	3.3	3.2	3.2	3.2
123.5°	3.3	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	3.3	3.3
125°	3.7	3.6	3.5	3.5	3.5
125.5°	3.7	3.7	3.5	3.5	3.5
126°	3.7	3.6	3.5	3.5	3.5
126.5°	3.6	3.7	3.7	3.5	3.6
127°	3.7	3.7	3.6	3.5	3.5
127.5°	3.9	3.8	3.7	3.5	3.5
128°	3.9	3.7	3.7	3.5	3.6
128.5°	3.7	3.7	3.6	3.5	3.6
129°	3.7	3.7	3.6	3.5	3.5
129.5°	3.6	3.7	3.6	3.5	3.5
130°	3.6	3.7	3.5	3.4	3.5
130.5°	3.7	3.6	3.6	3.3	3.5
131°	3.5	3.5	3.5	3.3	3.4
131.5°	3.6	3.5	3.3	3.3	3.3
132°	3.5	3.4	3.4	3.3	3.3
132.5°	3.5	3.4	3.3	3.3	3.3
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-90-L850-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	3.3	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	2.6	2.8
138°	3.0	2.8	2.7	2.6	2.8
138.5°	3.0	2.8	2.8	2.6	2.8
139°	2.6	2.8	2.7	2.4	2.8
139.5°	2.8	2.6	2.6	2.5	2.8
140°	2.8	2.6	2.6	2.4	2.6
140.5°	2.8	2.6	2.6	2.4	2.6
141°	2.6	2.6	2.5	2.3	2.4
141.5°	2.4	2.6	2.6	2.3	2.4
142°	2.4	2.4	2.5	2.4	2.3
142.5°	2.4	2.5	2.4	2.3	2.3
143°	2.5	2.4	2.4	2.4	2.3
143.5°	2.5	2.4	2.4	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°	2.4	2.3	2.4	2.1	2.3
145.5°	2.4	2.3	2.3	2.1	2.4
146°	2.4	2.3	2.2	2.1	2.3
146.5°	2.4	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°	2.4	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	2.4
150°	2.4	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°	2.4	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°	2.4	2.3	2.3	2.4	2.6
153.5°	2.6	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	2.4	2.6
155°	2.4	2.4	2.4	2.4	2.6
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-90-L850-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	2.4	2.3	2.3	2.4	2.5
158°	2.6	2.4	2.3	2.4	2.6
158.5°	2.4	2.4	2.3	2.4	2.5
159°	2.5	2.4	2.3	2.4	2.6
159.5°	2.4	2.3	2.3	2.4	2.7
160°	2.4	2.4	2.3	2.4	2.6
160.5°	2.4	2.3	2.3	2.4	2.6
161°	2.4	2.3	2.3	2.4	2.6
161.5°	2.4	2.4	2.3	2.3	2.4
162°	2.4	2.3	2.4	2.4	2.4
162.5°	2.5	2.4	2.4	2.4	2.5
163°	2.5	2.4	2.4	2.4	2.4
163.5°	2.4	2.4	2.4	2.4	2.6
164°	2.4	2.4	2.4	2.6	2.6
164.5°	2.3	2.5	2.4	2.6	2.6
165°	2.4	2.4	2.3	2.5	2.6
165.5°	2.3	2.4	2.3	2.7	2.6
166°	2.4	2.4	2.4	2.6	2.5
166.5°	2.4	2.4	2.3	2.6	2.4
167°	2.4	2.6	2.4	2.7	2.6
167.5°	2.4	2.6	2.4	2.8	2.6
168°	2.5	2.5	2.4	2.7	2.6
168.5°	2.4	2.6	2.5	2.9	2.6
169°	2.6	2.6	2.4	2.9	2.6
169.5°	2.6	2.6	2.4	2.8	2.7
170°	2.6	2.6	2.5	2.9	2.6
170.5°	2.6	2.7	2.5	2.9	2.8
171°	2.6	2.6	2.6	2.9	2.8
171.5°	2.6	2.6	2.6	3.0	2.7
172°	2.6	2.6	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-90-L850-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°	2645.8	2642.6	2629.7	2617.5	2612.3
22°	2644.5	2641.3	2627.8	2615.5	2610.4



44°	2368.3	2358.7	2339.4	2327.8	2320.1
44.5°	2353.5	2343.2	2325.2	2313.0	2305.3



66.5°	1265.0	1259.8	1250.2	1246.9	1243.7
67°	1233.4	1227.6	1218.6	1215.4	1212.8



89°	18.8	18.5	18.3	19.2	19.5
89.5°	8.3	8.4	8.2	8.8	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°	3.3	3.2	3.2	3.0	3.1



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



179°	2.8	2.7	2.6	2.6	2.8
179.5°	2.4	2.6	2.5	2.4	2.6



(END OF REPORT)