

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-L940-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-L940-CFR2
Description: 12000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 4000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

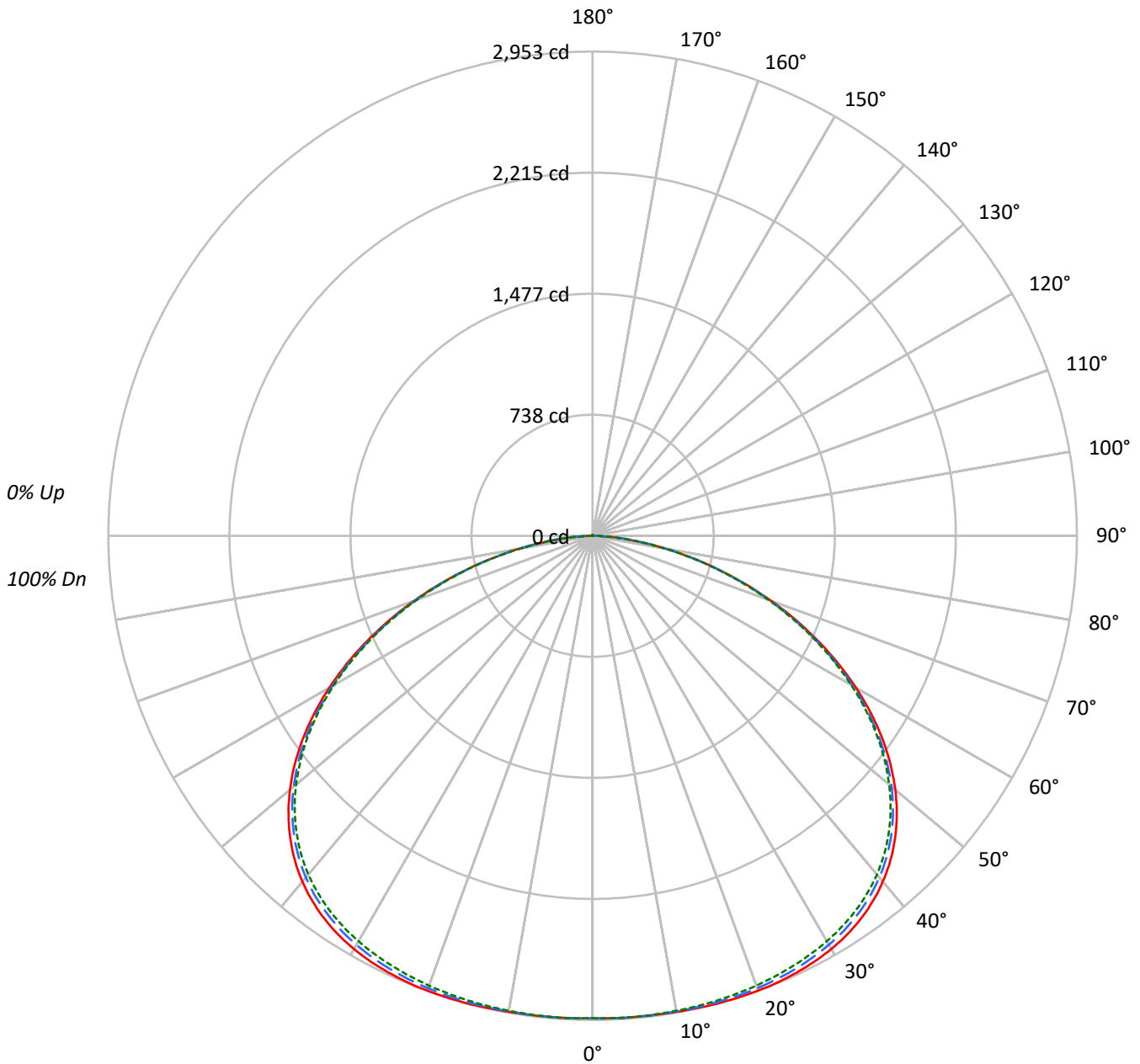
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10657.0 lumens
Efficiency: N/A
Efficacy: 111.5 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): 95.6
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									
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°	2101	2101	2101
5°	2111	2111	2111
10°	2138	2136	2132
15°	2182	2176	2169
20°	2243	2231	2218
25°	2316	2298	2280
30°	2399	2375	2353
35°	2485	2456	2434
40°	2565	2535	2513
45°	2633	2600	2579
50°	2676	2643	2621
55°	2684	2651	2631
60°	2648	2616	2600
65°	2562	2533	2521
70°	2415	2390	2378
75°	2188	2174	2164
80°	1861	1868	1848
85°	1387	1420	1418



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	281.2	2.6
10°-20°	834.2	7.8
20°-30°	1348.5	12.7
30°-40°	1766.3	16.6
40°-50°	1986.7	18.6
50°-60°	1901.1	17.8
60°-70°	1482.7	13.9
70°-80°	835.6	7.8
80°-90°	206.8	1.9
90°-100°	0.7	0.0
100°-110°	1.2	0.0
110°-120°	2.2	0.0
120°-130°	3.4	0.0
130°-140°	2.7	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°	2463.9	23.1
0°-40°	4230.1	39.7
0°-60°	8117.9	76.2
0°-90°	10642.9	99.9
90°-120°	4.1	0.0
90°-150°	11.8	0.1
90°-180°	14.0	0.1
0°-180°	10657.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2943	2943	2943	2943	2943	
5°	2946	2947	2946	2946	2945	281
15°	2952	2952	2945	2938	2934	837
25°	2940	2935	2917	2901	2894	1359
35°	2851	2842	2818	2801	2793	1785
45°	2608	2596	2576	2563	2554	2009
55°	2156	2145	2130	2120	2114	1922
65°	1517	1511	1500	1495	1492	1497
75°	793	793	788	787	785	841
85°	169	171	173	175	173	196
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	3	3	2	3	2
155°	3	3	3	3	3	1
165°	3	3	3	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°	2943.2	2943.2	2943.2	2943.2	2943.2
0.5°	2942.4	2944.6	2945.3	2944.6	2943.2
1°	2943.2	2944.6	2945.3	2945.3	2943.9
1.5°	2943.9	2945.3	2945.3	2945.3	2944.6
2°	2943.9	2945.3	2945.3	2946.0	2944.6
2.5°	2944.6	2946.0	2946.0	2946.0	2944.6
3°	2945.3	2946.0	2946.0	2946.0	2945.3
3.5°	2945.3	2946.0	2946.0	2946.0	2945.3
4°	2946.0	2946.0	2946.0	2946.0	2945.3
4.5°	2946.0	2946.7	2946.0	2946.0	2945.3
5°	2946.0	2946.7	2946.0	2946.0	2945.3
5.5°	2946.0	2946.7	2946.0	2946.0	2945.3
6°	2946.7	2946.7	2946.0	2946.0	2944.6
6.5°	2946.7	2947.5	2946.7	2946.0	2944.6
7°	2946.7	2947.5	2946.0	2946.0	2944.6
7.5°	2946.7	2947.5	2946.0	2945.3	2943.9
8°	2947.5	2947.5	2946.7	2945.3	2943.9
8.5°	2947.5	2948.2	2946.0	2945.3	2943.2
9°	2948.2	2948.2	2946.7	2944.6	2943.2
9.5°	2948.2	2948.9	2946.0	2944.6	2942.4
10°	2948.9	2948.9	2946.0	2943.9	2941.7
10.5°	2949.6	2949.6	2946.0	2943.9	2941.7
11°	2949.6	2949.6	2946.0	2943.2	2941.0
11.5°	2950.3	2950.3	2946.0	2942.4	2940.3
12°	2950.3	2950.3	2946.0	2942.4	2939.6
12.5°	2951.1	2950.3	2945.3	2941.7	2938.8
13°	2951.1	2950.3	2945.3	2941.0	2938.1
13.5°	2951.8	2951.1	2945.3	2940.3	2937.4
14°	2951.8	2951.1	2945.3	2939.6	2936.0
14.5°	2952.5	2951.1	2944.6	2938.8	2935.3
15°	2952.5	2951.8	2944.6	2938.1	2934.5
15.5°	2953.2	2951.8	2943.9	2936.7	2933.1
16°	2952.5	2951.8	2943.2	2936.0	2931.7
16.5°	2953.2	2951.8	2943.2	2934.5	2930.2
17°	2953.2	2951.1	2942.4	2933.1	2929.5
17.5°	2953.2	2951.1	2941.0	2932.4	2928.1
18°	2953.2	2951.1	2940.3	2931.0	2925.9
18.5°	2953.2	2950.3	2939.6	2929.5	2924.5
19°	2952.5	2950.3	2938.8	2928.1	2923.1
19.5°	2952.5	2949.6	2937.4	2925.9	2920.9
20°	2951.8	2948.9	2936.0	2924.5	2919.5
20.5°	2951.1	2948.2	2935.3	2923.1	2917.3
21°	2951.1	2947.5	2933.8	2920.9	2915.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2948.2	2943.9	2928.8	2914.4	2908.0
23°	2946.7	2942.4	2926.6	2912.3	2905.8
23.5°	2945.3	2941.0	2924.5	2909.4	2903.0
24°	2943.9	2939.6	2922.3	2906.5	2900.1
24.5°	2942.4	2937.4	2920.2	2903.7	2897.2
25°	2940.3	2935.3	2917.3	2900.8	2894.3
25.5°	2938.1	2933.1	2914.4	2897.9	2890.8
26°	2936.0	2931.0	2911.6	2895.1	2887.9
26.5°	2933.8	2928.1	2908.7	2891.5	2884.3
27°	2931.0	2925.2	2905.1	2887.9	2880.7
27.5°	2928.1	2922.3	2901.5	2884.3	2877.1
28°	2925.2	2918.7	2897.9	2880.7	2873.5
28.5°	2921.6	2915.2	2894.3	2876.4	2869.2
29°	2918.0	2911.6	2890.0	2872.1	2864.9
29.5°	2914.4	2907.3	2885.7	2867.8	2859.9
30°	2910.1	2903.0	2880.7	2862.8	2854.9
30.5°	2905.8	2898.6	2875.7	2857.7	2850.6
31°	2900.8	2893.6	2870.7	2852.7	2844.8
31.5°	2896.5	2888.6	2864.9	2847.7	2839.8
32°	2890.8	2882.9	2859.9	2841.9	2834.0
32.5°	2885.0	2877.1	2853.4	2835.5	2827.6
33°	2879.3	2870.7	2847.0	2829.7	2821.1
33.5°	2872.8	2864.2	2840.5	2823.3	2814.7
34°	2865.6	2857.0	2833.3	2816.1	2808.2
34.5°	2858.4	2849.8	2826.1	2808.9	2801.0
35°	2851.3	2841.9	2818.2	2801.0	2793.1
35.5°	2843.4	2834.0	2810.4	2793.1	2785.2
36°	2835.5	2825.4	2801.7	2785.2	2776.6
36.5°	2826.1	2816.8	2793.1	2776.6	2768.7
37°	2816.8	2807.5	2783.8	2767.3	2759.4
37.5°	2807.5	2797.4	2774.5	2758.0	2749.3
38°	2797.4	2788.1	2764.4	2748.6	2740.0
38.5°	2787.4	2777.3	2753.6	2737.9	2730.0
39°	2776.6	2765.8	2742.9	2727.8	2719.2
39.5°	2765.1	2754.4	2732.1	2716.3	2708.4
40°	2752.9	2742.9	2719.9	2704.8	2696.9
40.5°	2741.4	2730.7	2707.7	2693.3	2684.7
41°	2728.5	2717.8	2695.5	2680.4	2671.8
41.5°	2714.9	2704.1	2681.9	2667.5	2658.9
42°	2701.2	2690.5	2668.2	2654.6	2645.2
42.5°	2686.9	2676.1	2653.9	2640.2	2631.6
43°	2672.5	2661.0	2639.5	2625.9	2617.3
43.5°	2657.5	2646.0	2624.4	2610.8	2602.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	2607.9	2596.4	2575.6	2563.4	2554.1
45.5°	2590.7	2578.5	2558.4	2546.2	2537.6
46°	2572.7	2560.5	2540.4	2528.2	2519.6
46.5°	2554.1	2541.9	2522.5	2510.3	2501.7
47°	2534.7	2523.2	2503.1	2492.3	2483.0
47.5°	2515.3	2503.1	2483.7	2473.0	2463.6
48°	2495.9	2483.0	2464.4	2452.9	2443.5
48.5°	2475.1	2462.9	2444.3	2433.5	2424.9
49°	2452.9	2441.4	2422.7	2411.2	2403.3
49.5°	2431.3	2419.8	2401.2	2390.4	2381.8
50°	2409.1	2396.9	2379.6	2368.9	2360.3
50.5°	2386.1	2373.9	2356.7	2345.9	2338.0
51°	2363.1	2350.9	2333.7	2322.9	2314.3
51.5°	2338.7	2326.5	2309.3	2299.2	2291.4
52°	2314.3	2302.1	2284.9	2275.6	2267.7
52.5°	2289.9	2277.7	2260.5	2250.4	2243.3
53°	2263.4	2251.9	2236.1	2226.7	2218.9
53.5°	2236.8	2225.3	2209.5	2200.2	2193.0
54°	2210.2	2198.8	2183.0	2173.6	2167.2
54.5°	2184.4	2172.2	2157.1	2147.8	2141.3
55°	2156.4	2144.9	2129.8	2120.5	2114.0
55.5°	2128.4	2116.9	2101.8	2092.5	2086.8
56°	2099.0	2088.2	2073.1	2065.2	2059.5
56.5°	2069.5	2059.5	2044.4	2036.5	2030.8
57°	2040.8	2030.1	2015.7	2008.5	2002.8
57.5°	2012.1	2000.6	1986.3	1979.1	1973.3
58°	1980.5	1969.8	1956.1	1948.9	1943.9
58.5°	1949.7	1939.6	1925.3	1918.8	1913.8
59°	1918.8	1908.7	1895.1	1888.6	1883.6
59.5°	1886.5	1877.2	1863.5	1857.1	1852.0
60°	1854.9	1844.9	1831.9	1826.2	1821.2
60.5°	1822.6	1814.0	1800.3	1794.6	1789.6
61°	1789.6	1781.0	1768.0	1762.3	1757.3
61.5°	1755.8	1748.7	1735.7	1730.0	1725.7
62°	1722.8	1715.6	1702.7	1697.7	1693.4
62.5°	1689.1	1681.9	1669.0	1664.0	1659.7
63°	1655.3	1648.2	1636.0	1630.9	1626.6
63.5°	1620.9	1613.7	1602.2	1597.2	1592.9
64°	1586.4	1579.3	1567.0	1563.5	1558.4
64.5°	1552.0	1544.8	1532.6	1529.0	1524.7
65°	1516.8	1511.1	1499.6	1495.3	1492.4
65.5°	1482.3	1475.2	1464.4	1460.8	1456.5
66°	1445.7	1440.0	1429.2	1425.6	1422.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1339.5	1333.0	1323.7	1320.1	1316.5
68°	1302.9	1297.1	1287.8	1284.9	1281.3
68.5°	1266.3	1260.5	1251.2	1249.0	1246.9
69°	1229.7	1223.9	1216.0	1213.9	1211.0
69.5°	1193.8	1188.0	1180.9	1178.7	1175.1
70°	1157.2	1152.1	1145.0	1142.8	1139.2
70.5°	1120.6	1115.5	1109.1	1106.9	1103.3
71°	1083.9	1079.6	1073.9	1071.0	1067.4
71.5°	1048.0	1043.7	1037.3	1035.1	1032.3
72°	1011.4	1007.9	1001.4	1000.0	996.4
72.5°	974.8	972.0	965.5	964.1	961.2
73°	938.2	935.3	928.9	927.5	925.3
73.5°	902.3	899.5	893.7	891.6	889.4
74°	866.4	864.3	858.5	857.1	854.2
74.5°	829.8	828.4	823.4	821.2	819.1
75°	793.2	793.2	788.2	786.8	784.6
75.5°	758.0	758.0	753.0	751.6	749.4
76°	722.9	722.9	717.8	716.5	713.6
76.5°	687.3	687.6	683.4	681.9	679.5
77°	653.3	653.6	649.8	647.9	645.5
77.5°	616.9	618.6	615.5	613.8	611.4
78°	583.0	585.1	581.9	580.5	578.5
78.5°	550.9	552.3	550.2	548.6	545.8
79°	517.4	518.5	517.1	515.7	513.0
79.5°	484.4	486.2	485.3	484.0	480.8
80°	452.7	454.0	454.3	452.3	449.4
80.5°	419.4	422.1	422.5	420.6	419.1
81°	388.6	391.2	391.9	390.7	388.7
81.5°	358.3	361.3	361.9	361.3	358.7
82°	328.0	331.6	332.6	332.1	329.3
82.5°	299.0	303.0	304.1	303.7	301.1
83°	270.8	275.2	276.3	276.7	274.2
83.5°	243.6	247.8	249.2	249.6	246.9
84°	217.5	221.2	223.0	223.7	221.5
84.5°	192.7	195.7	197.8	198.7	197.6
85°	169.3	171.4	173.4	174.7	173.1
85.5°	146.6	148.3	149.7	151.8	150.5
86°	125.5	127.2	128.2	129.8	129.8
86.5°	105.4	106.2	107.0	108.8	108.8
87°	86.1	86.2	86.5	88.9	88.9
87.5°	66.5	67.0	67.3	69.4	70.1
88°	46.9	48.5	49.0	50.9	50.8
88.5°	33.2	33.2	33.1	35.0	35.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	1.6	1.5	1.6	1.7	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	0.9
97.5°	0.9	0.7	0.7	0.6	0.9
98°	0.9	0.8	0.8	0.8	0.9
98.5°	0.9	0.8	0.7	0.7	0.9
99°	0.9	0.9	0.8	0.7	0.8
99.5°	0.9	0.7	0.9	0.8	0.8
100°	0.9	0.9	0.9	0.9	0.9
100.5°	0.9	0.9	0.9	0.9	0.9
101°	1.0	0.9	0.9	0.9	0.9
101.5°	1.1	0.9	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	0.9	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°	1.4	1.2	1.3	1.4	1.3
108°	1.4	1.2	1.1	1.4	1.2
108.5°	1.4	1.4	1.4	1.3	1.2
109°	1.4	1.4	1.4	1.4	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-L940-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.7	1.8	1.9	1.8	1.7
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°	2.2	2.2	2.1	2.1	1.9
115°	2.2	2.2	2.1	2.2	2.1
115.5°	2.4	2.2	2.3	2.2	2.1
116°	2.3	2.4	2.4	2.3	2.2
116.5°	2.4	2.4	2.4	2.4	2.4
117°	2.6	2.6	2.6	2.6	2.3
117.5°	2.7	2.6	2.7	2.6	2.4
118°	2.7	2.7	2.8	2.7	2.5
118.5°	2.9	2.8	2.8	2.7	2.7
119°	2.9	2.9	3.0	2.8	2.8
119.5°	3.0	3.0	3.0	2.9	2.9
120°	3.2	3.2	3.1	3.0	3.1
120.5°	3.2	3.1	3.2	3.2	3.1
121°	3.2	3.2	3.2	3.2	3.1
121.5°	3.6	3.4	3.4	3.2	3.2
122°	3.4	3.6	3.4	3.4	3.4
122.5°	3.7	3.6	3.5	3.5	3.4
123°	3.7	3.7	3.6	3.6	3.5
123.5°	3.7	3.9	3.7	3.5	3.7
124°	3.8	3.9	3.8	3.7	3.7
124.5°	4.0	3.9	3.8	3.7	3.7
125°	4.2	4.0	3.9	3.9	3.9
125.5°	4.2	4.1	3.9	3.9	3.9
126°	4.2	4.0	3.9	3.9	3.9
126.5°	4.0	4.1	4.2	3.9	4.0
127°	4.2	4.2	4.0	3.9	3.9
127.5°	4.3	4.2	4.2	3.9	3.9
128°	4.3	4.1	4.1	3.9	4.0
128.5°	4.2	4.2	4.0	3.9	4.0
129°	4.1	4.1	4.0	3.9	3.9
129.5°	4.0	4.1	4.0	3.9	3.9
130°	4.0	4.1	3.9	3.8	3.9
130.5°	4.2	4.0	4.0	3.7	3.9
131°	3.9	3.9	3.9	3.7	3.8
131.5°	4.0	3.9	3.7	3.7	3.7
132°	3.9	3.8	3.8	3.7	3.7
132.5°	3.9	3.8	3.7	3.7	3.7
133°	3.8	3.7	3.7	3.4	3.6
133.5°	3.9	3.7	3.5	3.4	3.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L940-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	3.7	3.5	3.4	3.3	3.6
135.5°	3.5	3.6	3.4	3.2	3.4
136°	3.4	3.4	3.2	3.1	3.4
136.5°	3.5	3.4	3.2	3.1	3.4
137°	3.4	3.3	3.2	3.1	3.3
137.5°	3.4	3.2	3.2	2.9	3.2
138°	3.3	3.2	3.0	2.9	3.2
138.5°	3.4	3.2	3.1	2.9	3.1
139°	2.9	3.1	3.0	2.7	3.2
139.5°	3.2	2.9	2.9	2.8	3.1
140°	3.1	2.9	2.9	2.7	2.9
140.5°	3.1	2.9	2.9	2.7	2.9
141°	2.9	2.9	2.8	2.6	2.7
141.5°	2.7	2.9	2.9	2.6	2.7
142°	2.7	2.7	2.8	2.7	2.5
142.5°	2.7	2.8	2.7	2.6	2.5
143°	2.8	2.7	2.7	2.7	2.5
143.5°	2.8	2.7	2.7	2.5	2.5
144°	2.8	2.6	2.8	2.4	2.6
144.5°	2.7	2.6	2.7	2.5	2.6
145°	2.7	2.6	2.7	2.4	2.6
145.5°	2.7	2.5	2.6	2.4	2.7
146°	2.7	2.5	2.4	2.4	2.6
146.5°	2.7	2.5	2.4	2.4	2.6
147°	2.7	2.5	2.4	2.4	2.4
147.5°	2.6	2.5	2.4	2.4	2.7
148°	2.7	2.5	2.4	2.4	2.7
148.5°	2.7	2.6	2.4	2.4	2.7
149°	2.7	2.5	2.4	2.4	2.7
149.5°	2.8	2.4	2.4	2.4	2.7
150°	2.7	2.6	2.4	2.4	2.7
150.5°	2.7	2.5	2.4	2.4	2.7
151°	2.8	2.5	2.4	2.4	2.8
151.5°	2.7	2.6	2.4	2.4	2.8
152°	2.8	2.6	2.5	2.6	2.7
152.5°	2.8	2.7	2.4	2.5	2.8
153°	2.7	2.6	2.5	2.7	2.9
153.5°	2.9	2.7	2.4	2.6	2.8
154°	2.8	2.7	2.6	2.6	2.8
154.5°	2.8	2.6	2.6	2.7	2.9
155°	2.7	2.7	2.7	2.7	2.9
155.5°	2.8	2.6	2.6	2.7	2.9
156°	2.7	2.7	2.7	2.7	2.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L940-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	2.7	2.5	2.6	2.7	2.8
158°	2.9	2.7	2.6	2.7	2.9
158.5°	2.7	2.7	2.5	2.7	2.8
159°	2.8	2.7	2.6	2.7	2.9
159.5°	2.7	2.6	2.6	2.7	3.0
160°	2.7	2.7	2.5	2.7	2.9
160.5°	2.7	2.6	2.6	2.7	2.9
161°	2.7	2.6	2.6	2.7	2.9
161.5°	2.7	2.7	2.6	2.6	2.7
162°	2.7	2.6	2.7	2.7	2.7
162.5°	2.8	2.7	2.7	2.7	2.8
163°	2.8	2.7	2.7	2.7	2.7
163.5°	2.7	2.7	2.7	2.7	2.9
164°	2.7	2.7	2.7	2.9	2.9
164.5°	2.6	2.8	2.7	2.9	2.9
165°	2.7	2.7	2.6	2.8	2.9
165.5°	2.5	2.7	2.6	3.0	2.9
166°	2.7	2.7	2.7	2.9	2.8
166.5°	2.7	2.7	2.6	2.9	2.7
167°	2.7	2.9	2.7	3.0	2.9
167.5°	2.7	2.9	2.7	3.1	2.9
168°	2.8	2.8	2.7	3.0	2.9
168.5°	2.7	2.9	2.8	3.2	2.9
169°	2.9	2.9	2.7	3.2	2.9
169.5°	2.9	2.9	2.7	3.2	3.0
170°	2.9	2.9	2.8	3.2	2.9
170.5°	2.9	3.0	2.8	3.2	3.1
171°	2.9	2.9	2.9	3.2	3.2
171.5°	2.9	2.9	2.9	3.3	3.0
172°	2.9	2.9	3.0	3.3	3.1
172.5°	3.0	3.0	3.1	3.3	3.1
173°	2.9	2.9	3.1	3.3	3.2
173.5°	3.1	3.0	3.2	3.2	3.2
174°	3.2	3.2	3.4	3.3	3.2
174.5°	3.2	3.3	3.3	3.4	3.3
175°	3.4	3.3	3.4	3.4	3.2
175.5°	3.4	3.3	3.5	3.4	3.4
176°	3.5	3.4	3.4	3.3	3.3
176.5°	3.6	3.4	3.4	3.2	3.3
177°	3.4	3.4	3.2	3.2	3.3
177.5°	3.5	3.4	3.2	3.1	3.4
178°	3.3	3.2	3.1	3.1	3.2
178.5°	3.2	3.2	3.0	3.0	3.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L940-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°	2950.3	2946.7	2932.4	2918.7	2913.0
22°	2948.9	2945.3	2930.2	2916.6	2910.9



44°	2640.9	2630.2	2608.6	2595.7	2587.1
44.5°	2624.4	2612.9	2592.8	2579.2	2570.6



66.5°	1410.6	1404.8	1394.0	1390.5	1386.9
67°	1375.4	1368.9	1358.9	1355.3	1352.4



89°	21.0	20.6	20.4	21.5	21.8
89.5°	9.3	9.4	9.2	9.8	9.7



111.5°	1.8	1.6	1.7	1.7	1.6
112°	1.8	1.7	1.7	1.7	1.8



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



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



179°	3.1	3.0	2.9	2.9	3.1
179.5°	2.7	2.9	2.8	2.7	2.9



(END OF REPORT)