

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-L930-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-L930-CFR2  
Description: 12000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS  
AND 3000K CCT, 90CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No.   Condition   Description

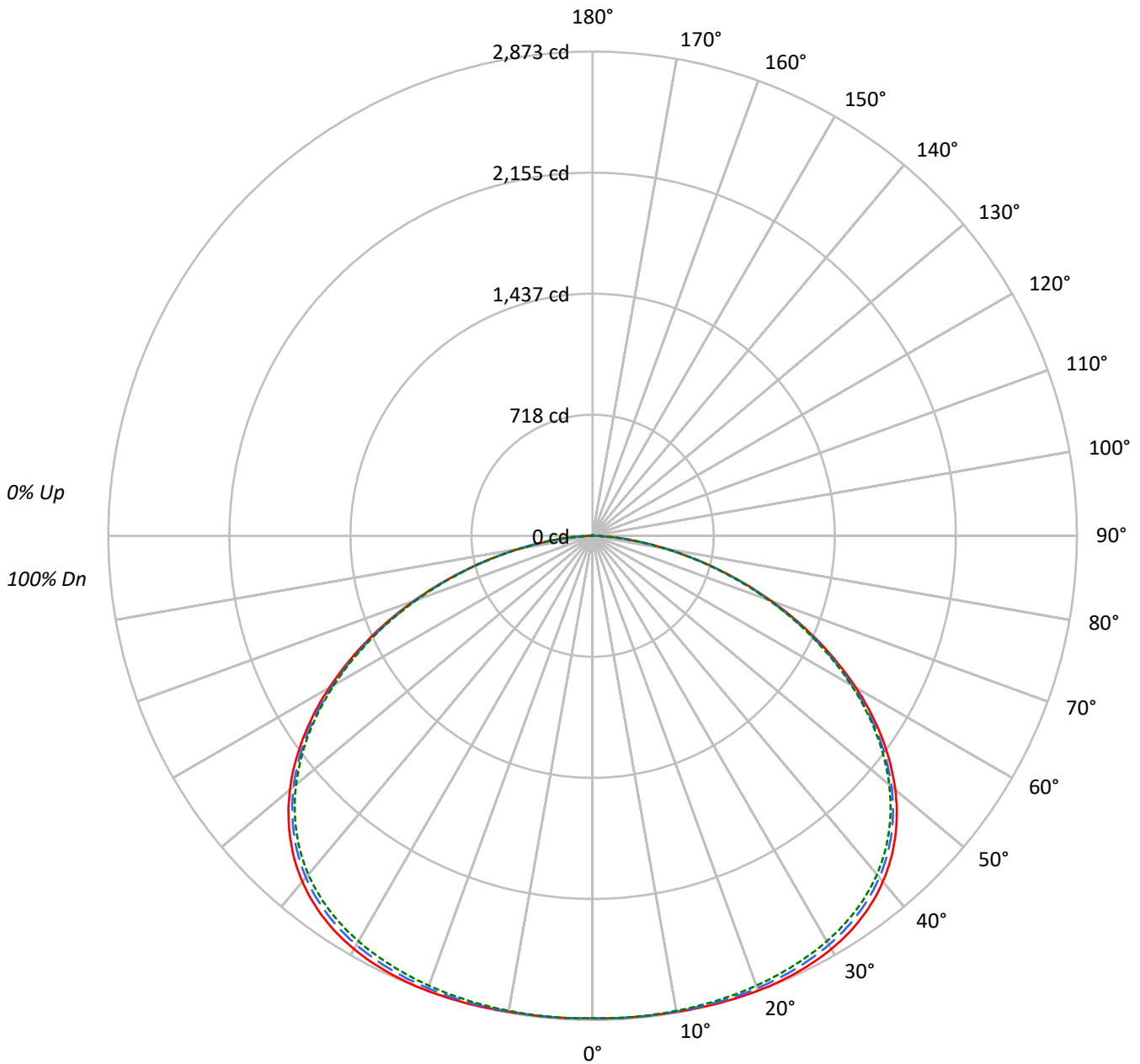
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10369.0 lumens  
Efficiency: N/A  
Efficacy: 108.5 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 (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

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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°	2044	2044	2044
5°	2054	2054	2054
10°	2080	2078	2075
15°	2123	2117	2110
20°	2182	2170	2158
25°	2253	2236	2218
30°	2334	2311	2290
35°	2418	2390	2368
40°	2496	2466	2445
45°	2562	2530	2509
50°	2603	2571	2551
55°	2611	2579	2560
60°	2577	2545	2530
65°	2493	2465	2453
70°	2350	2325	2314
75°	2129	2115	2106
80°	1811	1817	1797
85°	1349	1382	1380



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	273.6	2.6
10°-20°	811.6	7.8
20°-30°	1312.1	12.7
30°-40°	1718.5	16.6
40°-50°	1933.0	18.6
50°-60°	1849.7	17.8
60°-70°	1442.6	13.9
70°-80°	813.0	7.8
80°-90°	201.2	1.9
90°-100°	0.7	0.0
100°-110°	1.2	0.0
110°-120°	2.1	0.0
120°-130°	3.3	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°	2397.3	23.1
0°-40°	4115.8	39.7
0°-60°	7898.5	76.2
0°-90°	10355.3	99.9
90°-120°	4.0	0.0
90°-150°	11.5	0.1
90°-180°	14.0	0.1
0°-180°	10369.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2864	2864	2864	2864	2864	
5°	2866	2867	2866	2866	2866	274
15°	2873	2872	2865	2859	2855	814
25°	2861	2856	2838	2822	2816	1322
35°	2774	2765	2742	2725	2718	1737
45°	2537	2526	2506	2494	2485	1955
55°	2098	2087	2072	2063	2057	1870
65°	1476	1470	1459	1455	1452	1457
75°	772	772	767	766	763	818
85°	165	167	169	170	168	191
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°	2863.6	2863.6	2863.6	2863.6	2863.6
0.5°	2862.9	2865.0	2865.7	2865.0	2863.6
1°	2863.6	2865.0	2865.7	2865.7	2864.3
1.5°	2864.3	2865.7	2865.7	2865.7	2865.0
2°	2864.3	2865.7	2865.7	2866.4	2865.0
2.5°	2865.0	2866.4	2866.4	2866.4	2865.0
3°	2865.7	2866.4	2866.4	2866.4	2865.7
3.5°	2865.7	2866.4	2866.4	2866.4	2865.7
4°	2866.4	2866.4	2866.4	2866.4	2865.7
4.5°	2866.4	2867.1	2866.4	2866.4	2865.7
5°	2866.4	2867.1	2866.4	2866.4	2865.7
5.5°	2866.4	2867.1	2866.4	2866.4	2865.7
6°	2867.1	2867.1	2866.4	2866.4	2865.0
6.5°	2867.1	2867.8	2867.1	2866.4	2865.0
7°	2867.1	2867.8	2866.4	2866.4	2865.0
7.5°	2867.1	2867.8	2866.4	2865.7	2864.3
8°	2867.8	2867.8	2867.1	2865.7	2864.3
8.5°	2867.8	2868.5	2866.4	2865.7	2863.6
9°	2868.5	2868.5	2867.1	2865.0	2863.6
9.5°	2868.5	2869.2	2866.4	2865.0	2862.9
10°	2869.2	2869.2	2866.4	2864.3	2862.2
10.5°	2869.9	2869.9	2866.4	2864.3	2862.2
11°	2869.9	2869.9	2866.4	2863.6	2861.5
11.5°	2870.6	2870.6	2866.4	2862.9	2860.8
12°	2870.6	2870.6	2866.4	2862.9	2860.1
12.5°	2871.3	2870.6	2865.7	2862.2	2859.4
13°	2871.3	2870.6	2865.7	2861.5	2858.7
13.5°	2872.0	2871.3	2865.7	2860.8	2858.0
14°	2872.0	2871.3	2865.7	2860.1	2856.6
14.5°	2872.7	2871.3	2865.0	2859.4	2855.9
15°	2872.7	2872.0	2865.0	2858.7	2855.2
15.5°	2873.4	2872.0	2864.3	2857.3	2853.8
16°	2872.7	2872.0	2863.6	2856.6	2852.4
16.5°	2873.4	2872.0	2863.6	2855.2	2851.0
17°	2873.4	2871.3	2862.9	2853.8	2850.3
17.5°	2873.4	2871.3	2861.5	2853.1	2848.9
18°	2873.4	2871.3	2860.8	2851.7	2846.9
18.5°	2873.4	2870.6	2860.1	2850.3	2845.5
19°	2872.7	2870.6	2859.4	2848.9	2844.1
19.5°	2872.7	2869.9	2858.0	2846.9	2842.0
20°	2872.0	2869.2	2856.6	2845.5	2840.6
20.5°	2871.3	2868.5	2855.9	2844.1	2838.5
21°	2871.3	2867.8	2854.5	2842.0	2836.4



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	2868.5	2864.3	2849.6	2835.7	2829.4
23°	2867.1	2862.9	2847.6	2833.6	2827.3
23.5°	2865.7	2861.5	2845.5	2830.8	2824.5
24°	2864.3	2860.1	2843.4	2828.0	2821.7
24.5°	2862.9	2858.0	2841.3	2825.2	2818.9
25°	2860.8	2855.9	2838.5	2822.4	2816.1
25.5°	2858.7	2853.8	2835.7	2819.6	2812.6
26°	2856.6	2851.7	2832.9	2816.8	2809.8
26.5°	2854.5	2848.9	2830.1	2813.3	2806.3
27°	2851.7	2846.2	2826.6	2809.8	2802.9
27.5°	2848.9	2843.4	2823.1	2806.3	2799.4
28°	2846.2	2839.9	2819.6	2802.9	2795.9
28.5°	2842.7	2836.4	2816.1	2798.7	2791.7
29°	2839.2	2832.9	2811.9	2794.5	2787.5
29.5°	2835.7	2828.7	2807.7	2790.3	2782.6
30°	2831.5	2824.5	2802.9	2785.4	2777.7
30.5°	2827.3	2820.3	2798.0	2780.5	2773.5
31°	2822.4	2815.4	2793.1	2775.6	2767.9
31.5°	2818.2	2810.5	2787.5	2770.7	2763.0
32°	2812.6	2804.9	2782.6	2765.1	2757.5
32.5°	2807.0	2799.4	2776.3	2758.9	2751.2
33°	2801.5	2793.1	2770.0	2753.3	2744.9
33.5°	2795.2	2786.8	2763.7	2747.0	2738.6
34°	2788.2	2779.8	2756.8	2740.0	2732.3
34.5°	2781.2	2772.8	2749.8	2733.0	2725.3
35°	2774.2	2765.1	2742.1	2725.3	2717.6
35.5°	2766.5	2757.5	2734.4	2717.6	2710.0
36°	2758.9	2749.1	2726.0	2710.0	2701.6
36.5°	2749.8	2740.7	2717.6	2701.6	2693.9
37°	2740.7	2731.6	2708.6	2692.5	2684.8
37.5°	2731.6	2721.8	2699.5	2683.4	2675.0
38°	2721.8	2712.8	2689.7	2674.3	2666.0
38.5°	2712.1	2702.3	2679.2	2663.9	2656.2
39°	2701.6	2691.1	2668.8	2654.1	2645.7
39.5°	2690.4	2679.9	2658.3	2642.9	2635.2
40°	2678.5	2668.8	2646.4	2631.7	2624.1
40.5°	2667.4	2656.9	2634.5	2620.6	2612.2
41°	2654.8	2644.3	2622.7	2608.0	2599.6
41.5°	2641.5	2631.0	2609.4	2595.4	2587.0
42°	2628.2	2617.8	2596.1	2582.8	2573.8
42.5°	2614.3	2603.8	2582.1	2568.9	2560.5
43°	2600.3	2589.1	2568.2	2554.9	2546.5
43.5°	2585.6	2574.5	2553.5	2540.2	2531.9



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2537.4	2526.3	2506.0	2494.1	2485.1
45.5°	2520.7	2508.8	2489.3	2477.4	2469.0
46°	2503.2	2491.3	2471.8	2459.9	2451.5
46.5°	2485.1	2473.2	2454.3	2442.5	2434.1
47°	2466.2	2455.0	2435.5	2425.0	2415.9
47.5°	2447.3	2435.5	2416.6	2406.1	2397.1
48°	2428.5	2415.9	2397.8	2386.6	2377.5
48.5°	2408.2	2396.4	2378.2	2367.7	2359.3
49°	2386.6	2375.4	2357.2	2346.1	2338.4
49.5°	2365.6	2354.5	2336.3	2325.8	2317.4
50°	2344.0	2332.1	2315.3	2304.9	2296.5
50.5°	2321.6	2309.8	2293.0	2282.5	2274.8
51°	2299.3	2287.4	2270.6	2260.2	2251.8
51.5°	2275.5	2263.7	2246.9	2237.1	2229.4
52°	2251.8	2239.9	2223.1	2214.1	2206.4
52.5°	2228.0	2216.2	2199.4	2189.6	2182.6
53°	2202.2	2191.0	2175.7	2166.6	2158.9
53.5°	2176.3	2165.2	2149.8	2140.7	2133.7
54°	2150.5	2139.3	2124.0	2114.9	2108.6
54.5°	2125.4	2113.5	2098.8	2089.7	2083.5
55°	2098.1	2086.9	2072.3	2063.2	2056.9
55.5°	2070.9	2059.7	2045.0	2036.0	2030.4
56°	2042.2	2031.8	2017.1	2009.4	2003.8
56.5°	2013.6	2003.8	1989.2	1981.5	1975.9
57°	1985.7	1975.2	1961.2	1954.2	1948.7
57.5°	1957.7	1946.6	1932.6	1925.6	1920.0
58°	1927.0	1916.5	1903.3	1896.3	1891.4
58.5°	1897.0	1887.2	1873.2	1866.9	1862.0
59°	1866.9	1857.2	1843.9	1837.6	1832.7
59.5°	1835.5	1826.4	1813.2	1806.9	1802.0
60°	1804.8	1795.0	1782.4	1776.8	1772.0
60.5°	1773.3	1765.0	1751.7	1746.1	1741.2
61°	1741.2	1732.8	1720.3	1714.7	1709.8
61.5°	1708.4	1701.4	1688.8	1683.2	1679.1
62°	1676.3	1669.3	1656.7	1651.8	1647.6
62.5°	1643.4	1636.5	1623.9	1619.0	1614.8
63°	1610.6	1603.6	1591.8	1586.9	1582.7
63.5°	1577.1	1570.1	1558.9	1554.0	1549.8
64°	1543.6	1536.6	1524.7	1521.2	1516.3
64.5°	1510.0	1503.0	1491.2	1487.7	1483.5
65°	1475.8	1470.2	1459.0	1454.9	1452.1
65.5°	1442.3	1435.3	1424.8	1421.3	1417.1
66°	1406.7	1401.1	1390.6	1387.1	1384.3





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1303.3	1297.0	1287.9	1284.4	1280.9
68°	1267.7	1262.1	1253.0	1250.2	1246.7
68.5°	1232.1	1226.5	1217.4	1215.3	1213.2
69°	1196.4	1190.8	1183.2	1181.1	1178.3
69.5°	1161.5	1155.9	1148.9	1146.8	1143.4
70°	1125.9	1121.0	1114.0	1111.9	1108.4
70.5°	1090.3	1085.4	1079.1	1077.0	1073.5
71°	1054.6	1050.5	1044.9	1042.1	1038.6
71.5°	1019.7	1015.5	1009.3	1007.2	1004.4
72°	984.1	980.6	974.3	972.9	969.4
72.5°	948.5	945.7	939.4	938.0	935.2
73°	912.9	910.1	903.8	902.4	900.3
73.5°	877.9	875.1	869.6	867.5	865.4
74°	843.0	840.9	835.3	833.9	831.1
74.5°	807.4	806.0	801.1	799.0	796.9
75°	771.8	771.8	766.9	765.5	763.4
75.5°	737.6	737.6	732.7	731.3	729.2
76°	703.3	703.3	698.4	697.1	694.3
76.5°	668.8	669.0	664.9	663.5	661.1
77°	635.7	635.9	632.2	630.3	628.0
77.5°	600.2	601.9	598.8	597.2	594.9
78°	567.2	569.3	566.2	564.8	562.9
78.5°	536.1	537.4	535.4	533.8	531.0
79°	503.4	504.5	503.2	501.8	499.1
79.5°	471.3	473.1	472.1	470.9	467.8
80°	440.5	441.8	442.0	440.1	437.2
80.5°	408.1	410.7	411.1	409.2	407.8
81°	378.1	380.6	381.3	380.2	378.2
81.5°	348.7	351.5	352.2	351.5	349.0
82°	319.1	322.6	323.7	323.2	320.4
82.5°	290.9	294.8	295.9	295.5	292.9
83°	263.5	267.8	268.8	269.2	266.8
83.5°	237.1	241.1	242.4	242.8	240.3
84°	211.6	215.3	216.9	217.6	215.5
84.5°	187.5	190.4	192.4	193.3	192.3
85°	164.7	166.8	168.7	169.9	168.5
85.5°	142.6	144.3	145.7	147.7	146.5
86°	122.1	123.8	124.7	126.3	126.3
86.5°	102.5	103.3	104.1	105.9	105.9
87°	83.8	83.9	84.2	86.5	86.5
87.5°	64.7	65.2	65.5	67.5	68.2
88°	45.6	47.2	47.6	49.5	49.4
88.5°	32.3	32.3	32.2	34.1	34.5



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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°	1.3	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	1.3
106.5°	1.3	1.1	1.2	1.1	1.0
107°	1.2	1.2	1.3	1.3	1.1
107.5°	1.3	1.2	1.3	1.3	1.3
108°	1.3	1.2	1.1	1.3	1.2
108.5°	1.3	1.3	1.3	1.3	1.2
109°	1.4	1.3	1.3	1.3	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	1.5
111°	1.5	1.5	1.5	1.5	1.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L930-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	2.0	2.0
114°	2.0	2.0	2.0	2.0	2.0
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	2.2	2.0
116°	2.2	2.3	2.3	2.2	2.2
116.5°	2.4	2.4	2.4	2.4	2.3
117°	2.5	2.5	2.5	2.5	2.2
117.5°	2.7	2.5	2.6	2.5	2.4
118°	2.7	2.6	2.7	2.6	2.4
118.5°	2.9	2.7	2.7	2.7	2.6
119°	2.9	2.9	2.9	2.7	2.7
119.5°	2.9	2.9	2.9	2.9	2.8
120°	3.1	3.1	3.0	2.9	3.0
120.5°	3.1	3.0	3.1	3.1	3.0
121°	3.1	3.1	3.1	3.1	3.0
121.5°	3.5	3.4	3.3	3.1	3.1
122°	3.3	3.5	3.4	3.3	3.4
122.5°	3.6	3.5	3.4	3.4	3.3
123°	3.6	3.6	3.5	3.5	3.4
123.5°	3.6	3.8	3.6	3.4	3.6
124°	3.7	3.8	3.7	3.6	3.6
124.5°	3.9	3.8	3.7	3.6	3.6
125°	4.1	3.9	3.8	3.8	3.8
125.5°	4.1	4.0	3.8	3.8	3.8
126°	4.1	3.9	3.8	3.8	3.8
126.5°	3.9	4.0	4.1	3.8	3.9
127°	4.1	4.1	3.9	3.8	3.8
127.5°	4.2	4.1	4.1	3.8	3.8
128°	4.2	4.0	4.0	3.8	3.9
128.5°	4.1	4.1	3.9	3.8	3.9
129°	4.0	4.0	3.9	3.8	3.8
129.5°	3.9	4.0	3.9	3.8	3.8
130°	3.9	4.0	3.8	3.7	3.8
130.5°	4.1	3.9	3.9	3.6	3.8
131°	3.8	3.8	3.8	3.6	3.7
131.5°	3.9	3.8	3.6	3.6	3.6
132°	3.8	3.7	3.7	3.6	3.6
132.5°	3.8	3.7	3.6	3.6	3.6
133°	3.7	3.6	3.6	3.4	3.5
133.5°	3.8	3.6	3.4	3.3	3.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L930-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	3.6	3.4	3.3	3.2	3.5
135.5°	3.4	3.5	3.3	3.1	3.4
136°	3.4	3.3	3.1	3.0	3.4
136.5°	3.4	3.3	3.1	3.0	3.3
137°	3.4	3.2	3.1	3.0	3.2
137.5°	3.3	3.1	3.1	2.9	3.1
138°	3.2	3.1	2.9	2.9	3.1
138.5°	3.3	3.1	3.0	2.8	3.0
139°	2.9	3.0	2.9	2.7	3.1
139.5°	3.1	2.9	2.8	2.7	3.0
140°	3.0	2.8	2.9	2.7	2.8
140.5°	3.0	2.8	2.8	2.7	2.8
141°	2.9	2.8	2.7	2.5	2.7
141.5°	2.7	2.8	2.8	2.5	2.7
142°	2.6	2.6	2.7	2.6	2.4
142.5°	2.6	2.7	2.7	2.5	2.4
143°	2.7	2.7	2.7	2.6	2.4
143.5°	2.7	2.7	2.7	2.4	2.4
144°	2.7	2.5	2.7	2.4	2.5
144.5°	2.6	2.5	2.6	2.4	2.5
145°	2.7	2.5	2.6	2.3	2.5
145.5°	2.6	2.4	2.5	2.3	2.7
146°	2.6	2.4	2.4	2.3	2.5
146.5°	2.7	2.4	2.4	2.3	2.5
147°	2.6	2.4	2.3	2.4	2.4
147.5°	2.5	2.4	2.3	2.4	2.6
148°	2.6	2.4	2.4	2.3	2.6
148.5°	2.7	2.5	2.4	2.3	2.6
149°	2.6	2.4	2.4	2.3	2.6
149.5°	2.7	2.4	2.4	2.3	2.7
150°	2.7	2.5	2.4	2.3	2.6
150.5°	2.6	2.4	2.4	2.4	2.6
151°	2.7	2.4	2.3	2.4	2.7
151.5°	2.7	2.5	2.3	2.4	2.7
152°	2.7	2.5	2.4	2.5	2.6
152.5°	2.7	2.6	2.4	2.4	2.7
153°	2.7	2.5	2.4	2.6	2.8
153.5°	2.9	2.6	2.4	2.5	2.7
154°	2.7	2.6	2.5	2.5	2.7
154.5°	2.7	2.5	2.5	2.7	2.8
155°	2.6	2.6	2.6	2.7	2.9
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-120-L930-CFR2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L930-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°	2870.6	2867.1	2853.1	2839.9	2834.3
22°	2869.2	2865.7	2851.0	2837.8	2832.2



44°	2569.6	2559.1	2538.1	2525.6	2517.2
44.5°	2553.5	2542.3	2522.8	2509.5	2501.1



66.5°	1372.4	1366.9	1356.4	1352.9	1349.4
67°	1338.2	1331.9	1322.2	1318.7	1315.9



89°	20.4	20.0	19.8	20.9	21.2
89.5°	9.0	9.1	8.9	9.6	9.4



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





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



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



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



(END OF REPORT)