

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-CFD2**

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-CFD2
Description: 12000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 4000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

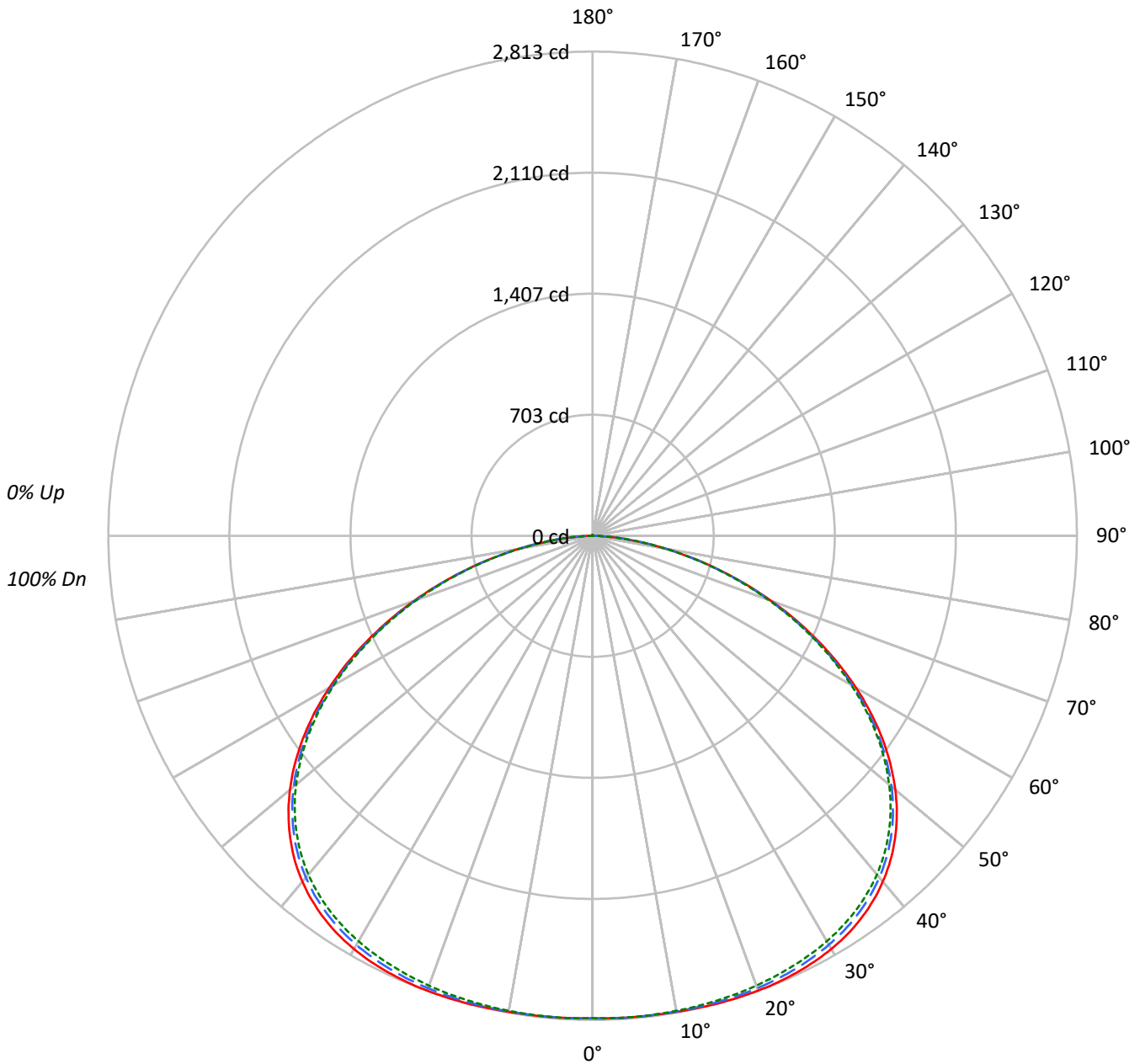
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10152.0 lumens
Efficiency: N/A
Efficacy: 106.2 lumens/watt
Spacing Criteria (0/90/45): 1.48 / 1.45 / 1.57
Luminous Opening: Rectangular w/ Sides (W: 3.88' x L: 3.88' x H: 0.17')
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°	2002	2002	2002
5°	2004	2001	2003
10°	2021	2013	2016
15°	2055	2040	2043
20°	2103	2079	2080
25°	2163	2129	2129
30°	2230	2186	2188
35°	2298	2244	2251
40°	2359	2298	2311
45°	2405	2335	2355
50°	2425	2348	2376
55°	2409	2324	2362
60°	2348	2255	2306
65°	2235	2135	2199
70°	2058	1951	2026
75°	1796	1688	1777
80°	1426	1323	1415
85°	886	798	906



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	267.9	2.6
10°-20°	794.6	7.8
20°-30°	1284.6	12.7
30°-40°	1682.6	16.6
40°-50°	1892.6	18.6
50°-60°	1811.0	17.8
60°-70°	1412.4	13.9
70°-80°	796.0	7.8
80°-90°	197.0	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°	2.5	0.0
140°-150°	1.6	0.0
150°-160°	1.2	0.0
160°-170°	0.7	0.0
170°-180°	0.3	0.0
0°-30°	2347.1	23.1
0°-40°	4029.7	39.7
0°-60°	7733.2	76.2
0°-90°	10138.6	99.9
90°-120°	3.9	0.0
90°-150°	11.2	0.1
90°-180°	13.0	0.1
0°-180°	10152.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2804	2804	2804	2804	2804	
5°	2806	2807	2806	2806	2806	268
15°	2813	2812	2805	2799	2796	797
25°	2801	2796	2779	2763	2757	1295
35°	2716	2707	2685	2668	2661	1700
45°	2484	2473	2454	2442	2433	1914
55°	2054	2043	2029	2020	2014	1831
65°	1445	1440	1428	1424	1422	1426
75°	756	756	751	750	747	801
85°	161	163	165	166	165	187
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	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2803.7	2803.7	2803.7	2803.7	2803.7
0.5°	2803.0	2805.1	2805.7	2805.1	2803.7
1°	2803.7	2805.1	2805.7	2805.7	2804.4
1.5°	2804.4	2805.7	2805.7	2805.7	2805.1
2°	2804.4	2805.7	2805.7	2806.4	2805.1
2.5°	2805.1	2806.4	2806.4	2806.4	2805.1
3°	2805.7	2806.4	2806.4	2806.4	2805.7
3.5°	2805.7	2806.4	2806.4	2806.4	2805.7
4°	2806.4	2806.4	2806.4	2806.4	2805.7
4.5°	2806.4	2807.1	2806.4	2806.4	2805.7
5°	2806.4	2807.1	2806.4	2806.4	2805.7
5.5°	2806.4	2807.1	2806.4	2806.4	2805.7
6°	2807.1	2807.1	2806.4	2806.4	2805.1
6.5°	2807.1	2807.8	2807.1	2806.4	2805.1
7°	2807.1	2807.8	2806.4	2806.4	2805.1
7.5°	2807.1	2807.8	2806.4	2805.7	2804.4
8°	2807.8	2807.8	2807.1	2805.7	2804.4
8.5°	2807.8	2808.5	2806.4	2805.7	2803.7
9°	2808.5	2808.5	2807.1	2805.1	2803.7
9.5°	2808.5	2809.2	2806.4	2805.1	2803.0
10°	2809.2	2809.2	2806.4	2804.4	2802.3
10.5°	2809.8	2809.8	2806.4	2804.4	2802.3
11°	2809.8	2809.8	2806.4	2803.7	2801.6
11.5°	2810.5	2810.5	2806.4	2803.0	2801.0
12°	2810.5	2810.5	2806.4	2803.0	2800.3
12.5°	2811.2	2810.5	2805.7	2802.3	2799.6
13°	2811.2	2810.5	2805.7	2801.6	2798.9
13.5°	2811.9	2811.2	2805.7	2801.0	2798.2
14°	2811.9	2811.2	2805.7	2800.3	2796.8
14.5°	2812.6	2811.2	2805.1	2799.6	2796.2
15°	2812.6	2811.9	2805.1	2798.9	2795.5
15.5°	2813.3	2811.9	2804.4	2797.5	2794.1
16°	2812.6	2811.9	2803.7	2796.8	2792.7
16.5°	2813.3	2811.9	2803.7	2795.5	2791.4
17°	2813.3	2811.2	2803.0	2794.1	2790.7
17.5°	2813.3	2811.2	2801.6	2793.4	2789.3
18°	2813.3	2811.2	2801.0	2792.1	2787.3
18.5°	2813.3	2810.5	2800.3	2790.7	2785.9
19°	2812.6	2810.5	2799.6	2789.3	2784.5
19.5°	2812.6	2809.8	2798.2	2787.3	2782.5
20°	2811.9	2809.2	2796.8	2785.9	2781.1
20.5°	2811.2	2808.5	2796.2	2784.5	2779.1
21°	2811.2	2807.8	2794.8	2782.5	2777.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2808.5	2804.4	2790.0	2776.3	2770.2
23°	2807.1	2803.0	2788.0	2774.3	2768.1
23.5°	2805.7	2801.6	2785.9	2771.5	2765.4
24°	2804.4	2800.3	2783.9	2768.8	2762.7
24.5°	2803.0	2798.2	2781.8	2766.1	2759.9
25°	2801.0	2796.2	2779.1	2763.3	2757.2
25.5°	2798.9	2794.1	2776.3	2760.6	2753.8
26°	2796.8	2792.1	2773.6	2757.9	2751.0
26.5°	2794.8	2789.3	2770.9	2754.5	2747.6
27°	2792.1	2786.6	2767.4	2751.0	2744.2
27.5°	2789.3	2783.9	2764.0	2747.6	2740.8
28°	2786.6	2780.4	2760.6	2744.2	2737.4
28.5°	2783.2	2777.0	2757.2	2740.1	2733.3
29°	2779.8	2773.6	2753.1	2736.0	2729.2
29.5°	2776.3	2769.5	2749.0	2731.9	2724.4
30°	2772.2	2765.4	2744.2	2727.1	2719.6
30.5°	2768.1	2761.3	2739.4	2722.3	2715.5
31°	2763.3	2756.5	2734.6	2717.5	2710.0
31.5°	2759.2	2751.7	2729.2	2712.7	2705.2
32°	2753.8	2746.2	2724.4	2707.3	2699.7
32.5°	2748.3	2740.8	2718.2	2701.1	2693.6
33°	2742.8	2734.6	2712.1	2695.6	2687.4
33.5°	2736.7	2728.5	2705.9	2689.5	2681.3
34°	2729.8	2721.6	2699.1	2682.7	2675.1
34.5°	2723.0	2714.8	2692.2	2675.8	2668.3
35°	2716.2	2707.3	2684.7	2668.3	2660.8
35.5°	2708.6	2699.7	2677.2	2660.8	2653.2
36°	2701.1	2691.5	2669.0	2653.2	2645.0
36.5°	2692.2	2683.3	2660.8	2645.0	2637.5
37°	2683.3	2674.4	2651.9	2636.2	2628.6
37.5°	2674.4	2664.9	2643.0	2627.3	2619.1
38°	2664.9	2656.0	2633.4	2618.4	2610.2
38.5°	2655.3	2645.7	2623.2	2608.1	2600.6
39°	2645.0	2634.8	2612.9	2598.5	2590.3
39.5°	2634.1	2623.8	2602.6	2587.6	2580.1
40°	2622.5	2612.9	2591.0	2576.7	2569.1
40.5°	2611.5	2601.3	2579.4	2565.7	2557.5
41°	2599.2	2589.0	2567.8	2553.4	2545.2
41.5°	2586.2	2576.0	2554.8	2541.1	2532.9
42°	2573.2	2563.0	2541.8	2528.8	2519.9
42.5°	2559.6	2549.3	2528.1	2515.1	2506.9
43°	2545.9	2534.9	2514.4	2501.4	2493.2
43.5°	2531.5	2520.6	2500.1	2487.1	2478.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	2484.3	2473.4	2453.6	2441.9	2433.1
45.5°	2467.9	2456.3	2437.2	2425.5	2417.3
46°	2450.8	2439.2	2420.1	2408.4	2400.2
46.5°	2433.1	2421.4	2403.0	2391.3	2383.1
47°	2414.6	2403.6	2384.5	2374.2	2365.4
47.5°	2396.1	2384.5	2366.0	2355.8	2346.9
48°	2377.7	2365.4	2347.6	2336.6	2327.7
48.5°	2357.8	2346.2	2328.4	2318.2	2310.0
49°	2336.6	2325.7	2307.9	2297.0	2289.5
49.5°	2316.1	2305.2	2287.4	2277.1	2268.9
50°	2294.9	2283.3	2266.9	2256.6	2248.4
50.5°	2273.0	2261.4	2245.0	2234.7	2227.2
51°	2251.2	2239.5	2223.1	2212.9	2204.7
51.5°	2227.9	2216.3	2199.9	2190.3	2182.8
52°	2204.7	2193.0	2176.6	2167.7	2160.2
52.5°	2181.4	2169.8	2153.4	2143.8	2137.0
53°	2156.1	2145.2	2130.1	2121.2	2113.7
53.5°	2130.8	2119.9	2104.8	2095.9	2089.1
54°	2105.5	2094.6	2079.5	2070.6	2064.5
54.5°	2080.9	2069.3	2054.9	2046.0	2039.9
55°	2054.2	2043.3	2028.9	2020.0	2013.9
55.5°	2027.5	2016.6	2002.2	1993.4	1987.9
56°	1999.5	1989.3	1974.9	1967.4	1961.9
56.5°	1971.5	1961.9	1947.5	1940.0	1934.5
57°	1944.1	1933.9	1920.2	1913.3	1907.9
57.5°	1916.8	1905.8	1892.1	1885.3	1879.8
58°	1886.7	1876.4	1863.4	1856.6	1851.8
58.5°	1857.3	1847.7	1834.0	1827.9	1823.1
59°	1827.9	1818.3	1805.3	1799.1	1794.4
59.5°	1797.1	1788.2	1775.2	1769.1	1764.3
60°	1767.0	1757.4	1745.1	1739.7	1734.9
60.5°	1736.2	1728.0	1715.0	1709.6	1704.8
61°	1704.8	1696.6	1684.3	1678.8	1674.0
61.5°	1672.6	1665.8	1653.5	1648.0	1643.9
62°	1641.2	1634.3	1622.0	1617.2	1613.1
62.5°	1609.0	1602.2	1589.9	1585.1	1581.0
63°	1576.9	1570.1	1558.4	1553.7	1549.6
63.5°	1544.1	1537.2	1526.3	1521.5	1517.4
64°	1511.3	1504.4	1492.8	1489.4	1484.6
64.5°	1478.4	1471.6	1460.0	1456.5	1452.4
65°	1444.9	1439.5	1428.5	1424.4	1421.7
65.5°	1412.1	1405.3	1395.0	1391.6	1387.5
66°	1377.2	1371.8	1361.5	1358.1	1355.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1276.0	1269.9	1261.0	1257.6	1254.1
68°	1241.1	1235.7	1226.8	1224.0	1220.6
68.5°	1206.3	1200.8	1191.9	1189.9	1187.8
69°	1171.4	1165.9	1158.4	1156.4	1153.6
69.5°	1137.2	1131.7	1124.9	1122.8	1119.4
70°	1102.3	1097.5	1090.7	1088.7	1085.2
70.5°	1067.5	1062.7	1056.5	1054.5	1051.0
71°	1032.6	1028.5	1023.0	1020.3	1016.8
71.5°	998.4	994.3	988.1	986.1	983.3
72°	963.5	960.1	953.9	952.6	949.2
72.5°	928.6	925.9	919.7	918.4	915.6
73°	893.8	891.0	884.9	883.5	881.5
73.5°	859.6	856.8	851.4	849.3	847.3
74°	825.4	823.3	817.9	816.5	813.8
74.5°	790.5	789.1	784.3	782.3	780.2
75°	755.6	755.6	750.8	749.5	747.4
75.5°	722.1	722.1	717.3	716.0	713.9
76°	688.6	688.6	683.8	682.5	679.8
76.5°	654.8	655.0	651.0	649.6	647.3
77°	622.4	622.6	619.0	617.2	614.9
77.5°	587.7	589.3	586.3	584.7	582.4
78°	555.3	557.4	554.3	553.0	551.1
78.5°	524.8	526.1	524.2	522.6	519.9
79°	492.9	493.9	492.6	491.3	488.7
79.5°	461.4	463.2	462.3	461.0	458.0
80°	431.3	432.5	432.7	430.9	428.1
80.5°	399.6	402.1	402.5	400.7	399.2
81°	370.2	372.6	373.3	372.2	370.3
81.5°	341.4	344.2	344.8	344.2	341.7
82°	312.4	315.9	316.9	316.4	313.7
82.5°	284.8	288.6	289.7	289.3	286.8
83°	258.0	262.2	263.2	263.5	261.2
83.5°	232.1	236.1	237.4	237.8	235.2
84°	207.2	210.8	212.4	213.1	211.0
84.5°	183.5	186.4	188.4	189.3	188.3
85°	161.2	163.3	165.1	166.4	164.9
85.5°	139.6	141.3	142.6	144.6	143.4
86°	119.5	121.2	122.1	123.6	123.6
86.5°	100.4	101.1	101.9	103.7	103.7
87°	82.1	82.1	82.4	84.7	84.7
87.5°	63.3	63.9	64.1	66.1	66.8
88°	44.7	46.2	46.6	48.5	48.3
88.5°	31.6	31.6	31.5	33.4	33.8



TEST NUMBER: P#

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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°	0.8	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°	1.4	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-120-L940-CFD2

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°	2.1	2.1	2.0	2.0	1.8
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	2.5	2.5	2.3
118°	2.6	2.5	2.7	2.5	2.4
118.5°	2.8	2.7	2.7	2.6	2.5
119°	2.8	2.8	2.9	2.7	2.7
119.5°	2.9	2.9	2.9	2.8	2.7
120°	3.0	3.0	2.9	2.9	2.9
120.5°	3.1	2.9	3.1	3.0	2.9
121°	3.1	3.1	3.1	3.1	2.9
121.5°	3.4	3.3	3.2	3.1	3.1
122°	3.2	3.4	3.3	3.2	3.3
122.5°	3.5	3.4	3.4	3.4	3.2
123°	3.6	3.6	3.4	3.4	3.4
123.5°	3.6	3.7	3.5	3.4	3.5
124°	3.6	3.7	3.6	3.5	3.5
124.5°	3.8	3.7	3.6	3.6	3.6
125°	4.0	3.8	3.8	3.7	3.7
125.5°	4.0	3.9	3.8	3.7	3.8
126°	4.0	3.8	3.8	3.8	3.7
126.5°	3.8	3.9	4.0	3.8	3.8
127°	4.0	4.0	3.8	3.8	3.7
127.5°	4.1	4.0	4.0	3.8	3.7
128°	4.1	3.9	3.9	3.8	3.8
128.5°	4.0	4.0	3.8	3.7	3.8
129°	3.9	3.9	3.8	3.8	3.7
129.5°	3.8	3.9	3.8	3.8	3.8
130°	3.8	3.9	3.8	3.6	3.7
130.5°	4.0	3.8	3.8	3.5	3.7
131°	3.8	3.8	3.8	3.6	3.6
131.5°	3.8	3.7	3.6	3.5	3.6
132°	3.8	3.6	3.6	3.5	3.5
132.5°	3.8	3.6	3.6	3.5	3.6
133°	3.6	3.5	3.5	3.3	3.4
133.5°	3.7	3.5	3.4	3.2	3.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L940-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	3.6	3.4	3.2	3.1	3.4
135.5°	3.4	3.4	3.2	3.1	3.3
136°	3.3	3.2	3.1	2.9	3.3
136.5°	3.4	3.2	3.1	2.9	3.2
137°	3.3	3.1	3.1	2.9	3.1
137.5°	3.2	3.1	3.0	2.8	3.0
138°	3.1	3.0	2.9	2.8	3.0
138.5°	3.2	3.0	2.9	2.7	2.9
139°	2.8	2.9	2.9	2.6	3.0
139.5°	3.0	2.8	2.7	2.7	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	2.7	2.5	2.6
141.5°	2.6	2.7	2.7	2.5	2.6
142°	2.5	2.5	2.7	2.5	2.4
142.5°	2.5	2.7	2.6	2.5	2.4
143°	2.7	2.6	2.6	2.5	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°	2.5	2.5	2.5	2.4	2.5
145°	2.6	2.5	2.5	2.3	2.5
145.5°	2.5	2.4	2.5	2.3	2.6
146°	2.5	2.4	2.3	2.3	2.5
146.5°	2.6	2.4	2.3	2.3	2.5
147°	2.5	2.4	2.3	2.3	2.3
147.5°	2.5	2.4	2.3	2.3	2.5
148°	2.5	2.4	2.3	2.3	2.5
148.5°	2.6	2.5	2.3	2.3	2.5
149°	2.5	2.4	2.3	2.3	2.5
149.5°	2.7	2.3	2.3	2.3	2.6
150°	2.6	2.5	2.3	2.3	2.5
150.5°	2.5	2.4	2.3	2.3	2.5
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	2.5
152.5°	2.7	2.5	2.3	2.4	2.7
153°	2.6	2.5	2.4	2.5	2.7
153.5°	2.8	2.5	2.3	2.5	2.7
154°	2.7	2.5	2.5	2.5	2.7
154.5°	2.7	2.5	2.5	2.6	2.7
155°	2.5	2.5	2.5	2.6	2.8
155.5°	2.7	2.5	2.5	2.5	2.7
156°	2.5	2.5	2.5	2.5	2.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L940-CFD2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L940-CFD2

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°	2810.5	2807.1	2793.4	2780.4	2775.0
22°	2809.2	2805.7	2791.4	2778.4	2772.9



44°	2515.8	2505.5	2485.0	2472.7	2464.5
44.5°	2500.1	2489.1	2470.0	2457.0	2448.8



66.5°	1343.7	1338.2	1328.0	1324.6	1321.2
67°	1310.2	1304.1	1294.5	1291.1	1288.3



89°	20.0	19.6	19.4	20.4	20.7
89.5°	8.8	9.0	8.8	9.4	9.2



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	3.4	3.3	3.5
134.5°	3.6	3.4	3.4	3.1	3.3



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



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



(END OF REPORT)