

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-L835-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-L835-CFR2
Description: 9000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 3500K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

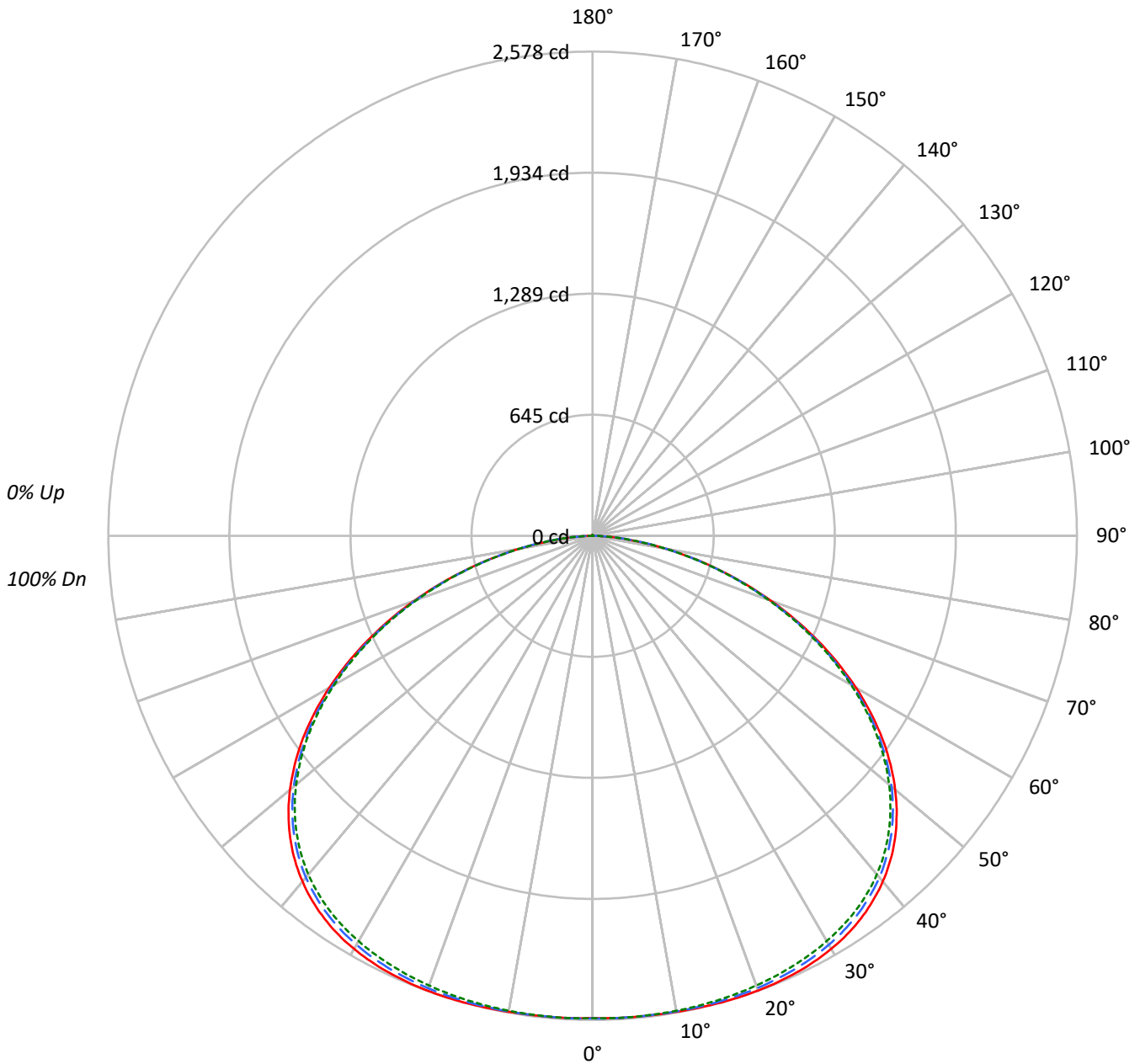
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9302.0 lumens
Efficiency: N/A
Efficacy: 134.0 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 (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					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°	1834	1834	1834
5°	1843	1843	1842
10°	1866	1864	1861
15°	1905	1900	1893
20°	1957	1947	1936
25°	2022	2006	1990
30°	2094	2073	2054
35°	2169	2144	2125
40°	2239	2212	2194
45°	2298	2270	2251
50°	2335	2307	2288
55°	2343	2314	2297
60°	2312	2283	2270
65°	2236	2211	2200
70°	2108	2086	2076
75°	1910	1898	1889
80°	1625	1630	1612
85°	1210	1239	1238



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	245.5	2.6
10°-20°	728.1	7.8
20°-30°	1177.0	12.7
30°-40°	1541.7	16.6
40°-50°	1734.1	18.6
50°-60°	1659.3	17.8
60°-70°	1294.2	13.9
70°-80°	729.3	7.8
80°-90°	180.5	1.9
90°-100°	0.6	0.0
100°-110°	1.0	0.0
110°-120°	1.9	0.0
120°-130°	2.9	0.0
130°-140°	2.3	0.0
140°-150°	1.4	0.0
150°-160°	1.1	0.0
160°-170°	0.7	0.0
170°-180°	0.3	0.0
0°-30°	2150.6	23.1
0°-40°	3692.3	39.7
0°-60°	7085.7	76.2
0°-90°	9289.7	99.9
90°-120°	3.6	0.0
90°-150°	10.3	0.1
90°-180°	12.0	0.1
0°-180°	9302.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2569	2569	2569	2569	2569	
5°	2571	2572	2571	2571	2571	246
15°	2577	2576	2570	2565	2561	730
25°	2566	2562	2546	2532	2526	1186
35°	2489	2481	2460	2445	2438	1558
45°	2276	2266	2248	2238	2229	1753
55°	1882	1872	1859	1851	1845	1678
65°	1324	1319	1309	1305	1303	1307
75°	692	692	688	687	685	734
85°	148	150	151	152	151	171
90°	1	1	1	1	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	3	3	3	3
135°	3	3	3	3	3	2
145°	2	2	2	2	2	2
155°	2	2	2	2	3	1
165°	2	2	2	2	2	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°	2568.9	2568.9	2568.9	2568.9	2568.9
0.5°	2568.3	2570.2	2570.8	2570.2	2568.9
1°	2568.9	2570.2	2570.8	2570.8	2569.6
1.5°	2569.6	2570.8	2570.8	2570.8	2570.2
2°	2569.6	2570.8	2570.8	2571.4	2570.2
2.5°	2570.2	2571.4	2571.4	2571.4	2570.2
3°	2570.8	2571.4	2571.4	2571.4	2570.8
3.5°	2570.8	2571.4	2571.4	2571.4	2570.8
4°	2571.4	2571.4	2571.4	2571.4	2570.8
4.5°	2571.4	2572.1	2571.4	2571.4	2570.8
5°	2571.4	2572.1	2571.4	2571.4	2570.8
5.5°	2571.4	2572.1	2571.4	2571.4	2570.8
6°	2572.1	2572.1	2571.4	2571.4	2570.2
6.5°	2572.1	2572.7	2572.1	2571.4	2570.2
7°	2572.1	2572.7	2571.4	2571.4	2570.2
7.5°	2572.1	2572.7	2571.4	2570.8	2569.6
8°	2572.7	2572.7	2572.1	2570.8	2569.6
8.5°	2572.7	2573.3	2571.4	2570.8	2568.9
9°	2573.3	2573.3	2572.1	2570.2	2568.9
9.5°	2573.3	2574.0	2571.4	2570.2	2568.3
10°	2574.0	2574.0	2571.4	2569.6	2567.7
10.5°	2574.6	2574.6	2571.4	2569.6	2567.7
11°	2574.6	2574.6	2571.4	2568.9	2567.1
11.5°	2575.2	2575.2	2571.4	2568.3	2566.4
12°	2575.2	2575.2	2571.4	2568.3	2565.8
12.5°	2575.8	2575.2	2570.8	2567.7	2565.2
13°	2575.8	2575.2	2570.8	2567.1	2564.6
13.5°	2576.5	2575.8	2570.8	2566.4	2563.9
14°	2576.5	2575.8	2570.8	2565.8	2562.7
14.5°	2577.1	2575.8	2570.2	2565.2	2562.0
15°	2577.1	2576.5	2570.2	2564.6	2561.4
15.5°	2577.7	2576.5	2569.6	2563.3	2560.2
16°	2577.1	2576.5	2568.9	2562.7	2558.9
16.5°	2577.7	2576.5	2568.9	2561.4	2557.7
17°	2577.7	2575.8	2568.3	2560.2	2557.0
17.5°	2577.7	2575.8	2567.1	2559.5	2555.8
18°	2577.7	2575.8	2566.4	2558.3	2553.9
18.5°	2577.7	2575.2	2565.8	2557.0	2552.7
19°	2577.1	2575.2	2565.2	2555.8	2551.4
19.5°	2577.1	2574.6	2563.9	2553.9	2549.5
20°	2576.5	2574.0	2562.7	2552.7	2548.3
20.5°	2575.8	2573.3	2562.0	2551.4	2546.4
21°	2575.8	2572.7	2560.8	2549.5	2544.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2573.3	2569.6	2556.4	2543.9	2538.2
23°	2572.1	2568.3	2554.5	2542.0	2536.4
23.5°	2570.8	2567.1	2552.7	2539.5	2533.9
24°	2569.6	2565.8	2550.8	2537.0	2531.3
24.5°	2568.3	2563.9	2548.9	2534.5	2528.8
25°	2566.4	2562.0	2546.4	2532.0	2526.3
25.5°	2564.6	2560.2	2543.9	2529.5	2523.2
26°	2562.7	2558.3	2541.4	2527.0	2520.7
26.5°	2560.8	2555.8	2538.9	2523.8	2517.6
27°	2558.3	2553.3	2535.7	2520.7	2514.4
27.5°	2555.8	2550.8	2532.6	2517.6	2511.3
28°	2553.3	2547.6	2529.5	2514.4	2508.2
28.5°	2550.1	2544.5	2526.3	2510.7	2504.4
29°	2547.0	2541.4	2522.6	2506.9	2500.6
29.5°	2543.9	2537.6	2518.8	2503.2	2496.3
30°	2540.1	2533.9	2514.4	2498.8	2491.9
30.5°	2536.4	2530.1	2510.0	2494.4	2488.1
31°	2532.0	2525.7	2505.7	2490.0	2483.1
31.5°	2528.2	2521.3	2500.6	2485.6	2478.7
32°	2523.2	2516.3	2496.3	2480.6	2473.7
32.5°	2518.2	2511.3	2490.6	2475.0	2468.1
33°	2513.2	2505.7	2485.0	2469.9	2462.4
33.5°	2507.5	2500.0	2479.3	2464.3	2456.8
34°	2501.3	2493.8	2473.1	2458.0	2451.1
34.5°	2495.0	2487.5	2466.8	2451.8	2444.9
35°	2488.7	2480.6	2459.9	2444.9	2438.0
35.5°	2481.8	2473.7	2453.0	2438.0	2431.1
36°	2475.0	2466.2	2445.5	2431.1	2423.6
36.5°	2466.8	2458.7	2438.0	2423.6	2416.7
37°	2458.7	2450.5	2429.8	2415.4	2408.5
37.5°	2450.5	2441.7	2421.7	2407.3	2399.8
38°	2441.7	2433.6	2412.9	2399.1	2391.6
38.5°	2433.0	2424.2	2403.5	2389.7	2382.9
39°	2423.6	2414.2	2394.1	2381.0	2373.5
39.5°	2413.6	2404.2	2384.7	2370.9	2364.1
40°	2402.9	2394.1	2374.1	2360.9	2354.0
40.5°	2392.9	2383.5	2363.4	2350.9	2343.4
41°	2381.6	2372.2	2352.8	2339.6	2332.1
41.5°	2369.7	2360.3	2340.9	2328.3	2320.8
42°	2357.8	2348.4	2329.0	2317.1	2308.9
42.5°	2345.3	2335.9	2316.4	2304.5	2297.0
43°	2332.7	2322.7	2303.9	2292.0	2284.5
43.5°	2319.6	2309.5	2290.7	2278.8	2271.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	2276.3	2266.3	2248.1	2237.5	2229.3
45.5°	2261.3	2250.6	2233.1	2222.4	2214.9
46°	2245.6	2235.0	2217.4	2206.8	2199.3
46.5°	2229.3	2218.7	2201.8	2191.1	2183.6
47°	2212.4	2202.4	2184.9	2175.5	2167.3
47.5°	2195.5	2184.9	2167.9	2158.5	2150.4
48°	2178.6	2167.3	2151.0	2141.0	2132.8
48.5°	2160.4	2149.8	2133.5	2124.1	2116.6
49°	2141.0	2131.0	2114.7	2104.7	2097.8
49.5°	2122.2	2112.2	2095.9	2086.5	2079.0
50°	2102.8	2092.1	2077.1	2067.7	2060.2
50.5°	2082.7	2072.1	2057.0	2047.6	2040.7
51°	2062.7	2052.0	2037.0	2027.6	2020.1
51.5°	2041.4	2030.7	2015.7	2006.9	2000.0
52°	2020.1	2009.4	1994.4	1986.2	1979.3
52.5°	1998.8	1988.1	1973.1	1964.3	1958.0
53°	1975.6	1965.6	1951.8	1943.6	1936.7
53.5°	1952.4	1942.4	1928.6	1920.4	1914.2
54°	1929.2	1919.2	1905.4	1897.3	1891.6
54.5°	1906.7	1896.0	1882.8	1874.7	1869.1
55°	1882.2	1872.2	1859.0	1850.9	1845.3
55.5°	1857.8	1847.8	1834.6	1826.5	1821.4
56°	1832.1	1822.7	1809.5	1802.6	1797.6
56.5°	1806.4	1797.6	1784.5	1777.6	1772.6
57°	1781.3	1771.9	1759.4	1753.1	1748.1
57.5°	1756.3	1746.3	1733.7	1727.5	1722.4
58°	1728.7	1719.3	1707.4	1701.1	1696.8
58.5°	1701.8	1693.0	1680.5	1674.8	1670.4
59°	1674.8	1666.1	1654.1	1648.5	1644.1
59.5°	1646.6	1638.5	1626.6	1620.9	1616.6
60°	1619.1	1610.3	1599.0	1594.0	1589.6
60.5°	1590.9	1583.3	1571.4	1566.4	1562.0
61°	1562.0	1554.5	1543.2	1538.2	1533.8
61.5°	1532.6	1526.3	1515.0	1510.0	1506.3
62°	1503.8	1497.5	1486.2	1481.8	1478.1
62.5°	1474.3	1468.1	1456.8	1452.4	1448.6
63°	1444.9	1438.6	1428.0	1423.6	1419.8
63.5°	1414.8	1408.5	1398.5	1394.1	1390.4
64°	1384.7	1378.5	1367.8	1364.7	1360.3
64.5°	1354.6	1348.4	1337.7	1334.6	1330.8
65°	1323.9	1318.9	1308.9	1305.1	1302.6
65.5°	1293.9	1287.6	1278.2	1275.1	1271.3
66°	1261.9	1256.9	1247.5	1244.4	1241.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1169.2	1163.5	1155.4	1152.3	1149.1
68°	1137.2	1132.2	1124.1	1121.6	1118.4
68.5°	1105.3	1100.3	1092.1	1090.2	1088.4
69°	1073.3	1068.3	1061.4	1059.5	1057.0
69.5°	1042.0	1037.0	1030.7	1028.8	1025.7
70°	1010.0	1005.6	999.4	997.5	994.4
70.5°	978.1	973.7	968.1	966.2	963.0
71°	946.1	942.4	937.4	934.8	931.7
71.5°	914.8	911.0	905.4	903.5	901.0
72°	882.8	879.7	874.1	872.8	869.7
72.5°	850.9	848.4	842.7	841.5	839.0
73°	818.9	816.4	810.8	809.5	807.7
73.5°	787.6	785.1	780.1	778.2	776.3
74°	756.3	754.4	749.4	748.1	745.6
74.5°	724.3	723.1	718.7	716.8	714.9
75°	692.4	692.4	688.0	686.7	684.8
75.5°	661.7	661.7	657.3	656.0	654.1
76°	631.0	631.0	626.6	625.4	622.9
76.5°	599.9	600.2	596.5	595.2	593.1
77°	570.2	570.5	567.2	565.5	563.4
77.5°	538.5	540.0	537.2	535.7	533.7
78°	508.8	510.7	507.9	506.7	505.0
78.5°	480.9	482.1	480.3	478.8	476.4
79°	451.6	452.6	451.4	450.1	447.7
79.5°	422.8	424.4	423.6	422.4	419.7
80°	395.2	396.3	396.5	394.8	392.2
80.5°	366.1	368.4	368.8	367.1	365.8
81°	339.2	341.4	342.0	341.0	339.3
81.5°	312.8	315.4	315.9	315.4	313.1
82°	286.3	289.4	290.4	289.9	287.4
82.5°	261.0	264.5	265.5	265.1	262.8
83°	236.4	240.2	241.2	241.5	239.4
83.5°	212.7	216.3	217.5	217.9	215.5
84°	189.9	193.1	194.6	195.2	193.3
84.5°	168.2	170.8	172.6	173.4	172.5
85°	147.7	149.6	151.3	152.4	151.1
85.5°	127.9	129.4	130.7	132.5	131.4
86°	109.5	111.0	111.9	113.3	113.3
86.5°	92.0	92.7	93.4	95.0	95.0
87°	75.2	75.3	75.5	77.6	77.6
87.5°	58.0	58.5	58.8	60.6	61.2
88°	40.9	42.4	42.7	44.4	44.3
88.5°	28.9	28.9	28.9	30.6	31.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	1.4	1.3	1.4	1.4	1.3
90.5°	0.4	0.4	0.4	0.5	0.4
91°	0.4	0.4	0.4	0.4	0.4
91.5°	0.6	0.4	0.5	0.4	0.3
92°	0.4	0.4	0.4	0.5	0.4
92.5°	0.5	0.4	0.4	0.5	0.4
93°	0.5	0.5	0.5	0.4	0.4
93.5°	0.6	0.4	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	0.4	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°	0.9	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°	0.9	0.9	0.9	0.9	0.8
104°	1.1	0.9	0.9	0.9	0.8
104.5°	0.9	1.0	1.0	1.0	0.9
105°	1.1	1.0	0.9	1.1	1.1
105.5°	1.1	0.9	1.0	0.9	0.9
106°	1.0	1.0	1.1	1.1	1.1
106.5°	1.1	1.0	1.1	1.0	0.9
107°	1.1	1.1	1.1	1.1	1.0
107.5°	1.2	1.1	1.1	1.2	1.1
108°	1.2	1.1	1.0	1.2	1.1
108.5°	1.2	1.2	1.2	1.1	1.1
109°	1.3	1.2	1.2	1.2	1.3
109.5°	1.3	1.1	1.3	1.3	1.1
110°	1.3	1.3	1.3	1.3	1.3
110.5°	1.3	1.3	1.3	1.3	1.4
111°	1.3	1.4	1.4	1.4	1.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.5	1.6	1.6	1.6	1.4
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	1.8	1.8	1.8
114.5°	1.9	1.9	1.8	1.8	1.7
115°	1.9	1.9	1.8	1.9	1.8
115.5°	2.1	1.9	2.0	1.9	1.8
116°	2.0	2.1	2.1	2.0	1.9
116.5°	2.1	2.1	2.1	2.1	2.1
117°	2.3	2.3	2.3	2.3	2.0
117.5°	2.4	2.3	2.3	2.3	2.1
118°	2.4	2.3	2.4	2.3	2.2
118.5°	2.6	2.4	2.4	2.4	2.3
119°	2.6	2.6	2.6	2.4	2.4
119.5°	2.6	2.6	2.6	2.6	2.5
120°	2.8	2.8	2.7	2.6	2.7
120.5°	2.8	2.7	2.8	2.8	2.7
121°	2.8	2.8	2.8	2.8	2.7
121.5°	3.1	3.0	2.9	2.8	2.8
122°	2.9	3.1	3.0	2.9	3.0
122.5°	3.2	3.1	3.1	3.1	2.9
123°	3.3	3.3	3.1	3.1	3.1
123.5°	3.3	3.4	3.2	3.1	3.2
124°	3.3	3.4	3.3	3.2	3.2
124.5°	3.5	3.4	3.3	3.3	3.3
125°	3.6	3.5	3.4	3.4	3.4
125.5°	3.6	3.6	3.4	3.4	3.4
126°	3.6	3.5	3.4	3.4	3.4
126.5°	3.5	3.6	3.6	3.4	3.5
127°	3.6	3.6	3.5	3.4	3.4
127.5°	3.8	3.7	3.6	3.4	3.4
128°	3.8	3.6	3.6	3.4	3.5
128.5°	3.6	3.6	3.5	3.4	3.5
129°	3.6	3.6	3.5	3.4	3.4
129.5°	3.5	3.6	3.5	3.4	3.4
130°	3.5	3.6	3.4	3.3	3.4
130.5°	3.6	3.5	3.5	3.2	3.4
131°	3.4	3.4	3.4	3.3	3.3
131.5°	3.5	3.4	3.3	3.2	3.3
132°	3.4	3.3	3.3	3.2	3.2
132.5°	3.4	3.3	3.3	3.2	3.3
133°	3.3	3.2	3.2	3.0	3.1
133.5°	3.4	3.2	3.1	2.9	3.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	3.3	3.1	2.9	2.9	3.1
135.5°	3.1	3.1	2.9	2.8	3.0
136°	3.0	2.9	2.8	2.7	3.0
136.5°	3.1	2.9	2.8	2.7	2.9
137°	3.0	2.9	2.8	2.7	2.9
137.5°	2.9	2.8	2.8	2.6	2.8
138°	2.9	2.8	2.6	2.6	2.8
138.5°	2.9	2.8	2.7	2.5	2.7
139°	2.6	2.7	2.6	2.4	2.8
139.5°	2.8	2.6	2.5	2.4	2.7
140°	2.7	2.5	2.6	2.4	2.5
140.5°	2.7	2.5	2.5	2.4	2.5
141°	2.6	2.5	2.4	2.3	2.4
141.5°	2.4	2.5	2.5	2.3	2.4
142°	2.3	2.3	2.4	2.3	2.2
142.5°	2.3	2.4	2.4	2.3	2.2
143°	2.4	2.4	2.4	2.3	2.2
143.5°	2.4	2.4	2.4	2.2	2.2
144°	2.4	2.3	2.4	2.1	2.3
144.5°	2.3	2.3	2.3	2.2	2.3
145°	2.4	2.3	2.3	2.1	2.3
145.5°	2.3	2.2	2.3	2.1	2.4
146°	2.3	2.2	2.1	2.1	2.3
146.5°	2.4	2.2	2.1	2.1	2.3
147°	2.3	2.2	2.1	2.1	2.1
147.5°	2.3	2.2	2.1	2.1	2.3
148°	2.3	2.2	2.1	2.1	2.3
148.5°	2.4	2.3	2.1	2.1	2.3
149°	2.3	2.2	2.1	2.1	2.3
149.5°	2.4	2.1	2.1	2.1	2.4
150°	2.4	2.3	2.1	2.1	2.3
150.5°	2.3	2.2	2.1	2.1	2.3
151°	2.4	2.2	2.1	2.1	2.4
151.5°	2.4	2.3	2.1	2.1	2.4
152°	2.4	2.3	2.2	2.3	2.3
152.5°	2.4	2.3	2.1	2.2	2.4
153°	2.4	2.3	2.2	2.3	2.5
153.5°	2.6	2.3	2.1	2.3	2.4
154°	2.4	2.3	2.3	2.3	2.4
154.5°	2.4	2.3	2.3	2.4	2.5
155°	2.3	2.3	2.3	2.4	2.6
155.5°	2.4	2.3	2.3	2.3	2.5
156°	2.3	2.3	2.3	2.3	2.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	2.3	2.2	2.3	2.4	2.4
158°	2.5	2.3	2.3	2.3	2.5
158.5°	2.4	2.3	2.2	2.3	2.4
159°	2.4	2.3	2.3	2.3	2.6
159.5°	2.4	2.3	2.3	2.3	2.6
160°	2.4	2.3	2.2	2.3	2.5
160.5°	2.3	2.3	2.3	2.4	2.5
161°	2.3	2.3	2.3	2.4	2.5
161.5°	2.4	2.3	2.3	2.3	2.4
162°	2.3	2.3	2.3	2.4	2.4
162.5°	2.4	2.4	2.3	2.3	2.4
163°	2.4	2.3	2.4	2.4	2.4
163.5°	2.4	2.3	2.4	2.4	2.6
164°	2.3	2.4	2.3	2.5	2.5
164.5°	2.3	2.4	2.4	2.5	2.6
165°	2.3	2.3	2.3	2.4	2.5
165.5°	2.2	2.3	2.3	2.6	2.5
166°	2.4	2.4	2.3	2.5	2.4
166.5°	2.4	2.3	2.3	2.6	2.3
167°	2.3	2.5	2.3	2.6	2.6
167.5°	2.4	2.5	2.4	2.7	2.6
168°	2.4	2.4	2.3	2.6	2.5
168.5°	2.4	2.6	2.4	2.8	2.6
169°	2.6	2.5	2.3	2.8	2.6
169.5°	2.5	2.5	2.4	2.8	2.6
170°	2.6	2.5	2.4	2.8	2.6
170.5°	2.6	2.6	2.4	2.8	2.7
171°	2.6	2.6	2.6	2.8	2.8
171.5°	2.5	2.6	2.6	2.9	2.6
172°	2.5	2.6	2.6	2.9	2.7
172.5°	2.6	2.6	2.7	2.9	2.7
173°	2.5	2.5	2.7	2.9	2.8
173.5°	2.7	2.6	2.8	2.8	2.8
174°	2.8	2.8	2.9	2.9	2.8
174.5°	2.8	2.9	2.9	3.0	2.9
175°	2.9	2.9	2.9	3.0	2.8
175.5°	2.9	2.9	3.1	2.9	2.9
176°	3.1	3.0	2.9	2.9	2.9
176.5°	3.1	2.9	3.0	2.8	2.9
177°	3.0	2.9	2.8	2.8	2.9
177.5°	3.1	2.9	2.8	2.7	2.9
178°	2.9	2.8	2.7	2.7	2.8
178.5°	2.8	2.8	2.6	2.6	2.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L835-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.4	2.4	2.4	2.4	2.4



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	2575.2	2572.1	2559.5	2547.6	2542.6
22°	2574.0	2570.8	2557.7	2545.8	2540.7



44°	2305.2	2295.8	2277.0	2265.7	2258.2
44.5°	2290.7	2280.7	2263.2	2251.3	2243.8



66.5°	1231.2	1226.2	1216.8	1213.7	1210.5
67°	1200.5	1194.9	1186.1	1183.0	1180.5



89°	18.3	18.0	17.8	18.7	19.0
89.5°	8.1	8.2	8.0	8.6	8.5



111.5°	1.6	1.4	1.4	1.4	1.4
112°	1.6	1.4	1.4	1.4	1.6



134°	3.2	3.1	3.1	3.0	3.2
134.5°	3.3	3.1	3.1	2.9	3.0



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



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



(END OF REPORT)