

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-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-90-L850-CFD2  
Description: 9000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS  
AND 5000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No.   Condition   Description

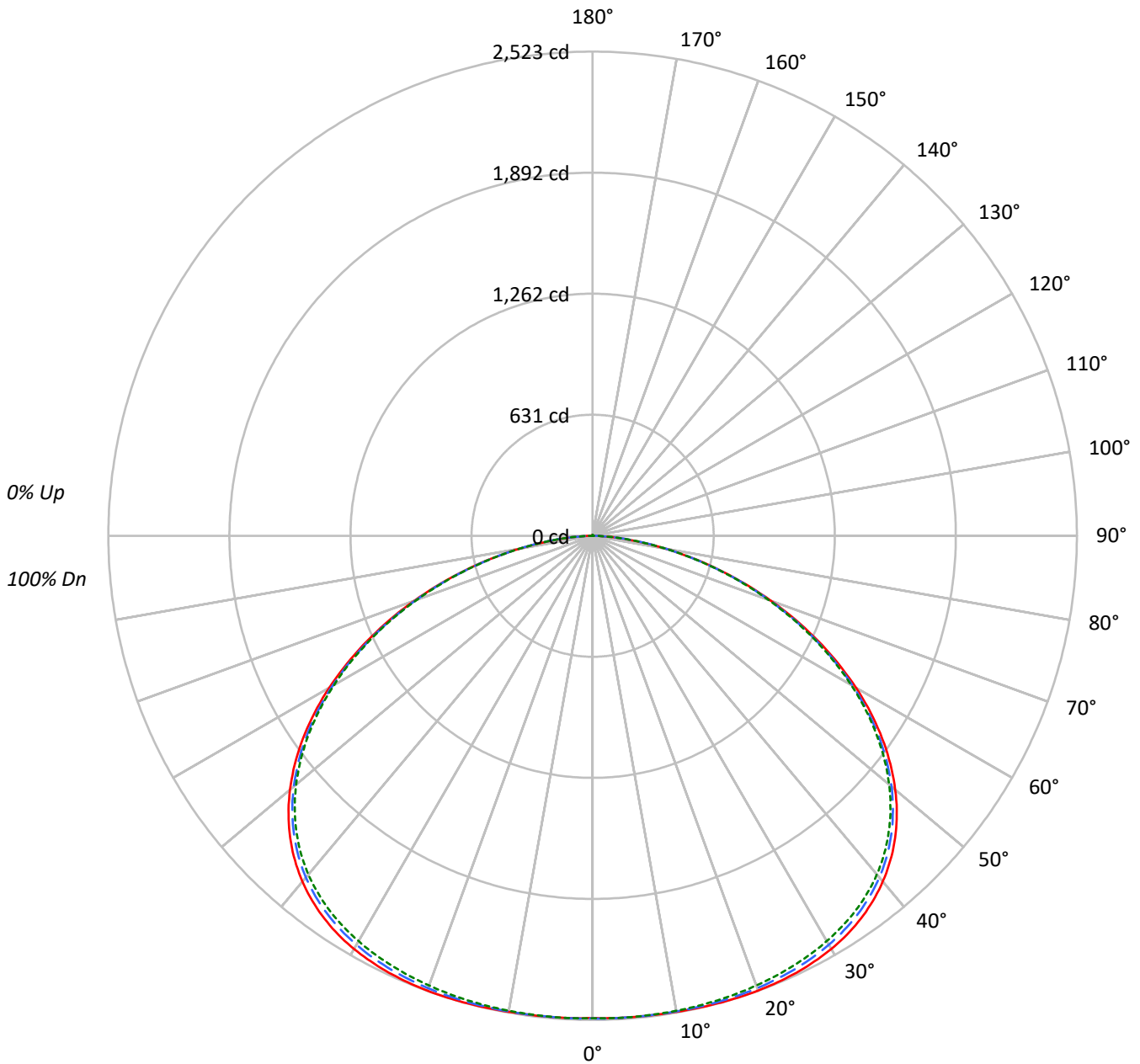
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9104.0 lumens  
Efficiency: N/A  
Efficacy: 131.2 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): 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°	1795	1795	1795
5°	1797	1794	1796
10°	1812	1805	1808
15°	1843	1829	1832
20°	1886	1864	1866
25°	1940	1909	1909
30°	2000	1960	1962
35°	2061	2013	2019
40°	2116	2060	2072
45°	2157	2094	2112
50°	2174	2105	2130
55°	2160	2084	2118
60°	2106	2022	2068
65°	2004	1915	1972
70°	1846	1750	1817
75°	1611	1514	1594
80°	1279	1187	1269
85°	795	716	813



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	240.2	2.6
10°-20°	712.6	7.8
20°-30°	1152.0	12.7
30°-40°	1508.9	16.6
40°-50°	1697.2	18.6
50°-60°	1624.0	17.8
60°-70°	1266.6	13.9
70°-80°	713.8	7.8
80°-90°	176.6	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°	1.0	0.0
160°-170°	0.7	0.0
170°-180°	0.3	0.0
0°-30°	2104.8	23.1
0°-40°	3613.7	39.7
0°-60°	6934.9	76.2
0°-90°	9092.0	99.9
90°-120°	3.5	0.0
90°-150°	10.1	0.1
90°-180°	12.0	0.1
0°-180°	9104.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2514	2514	2514	2514	2514	
5°	2517	2517	2517	2517	2516	240
15°	2522	2522	2516	2510	2507	715
25°	2512	2508	2492	2478	2473	1161
35°	2436	2428	2408	2393	2386	1525
45°	2228	2218	2200	2190	2182	1716
55°	1842	1832	1820	1812	1806	1642
65°	1296	1291	1281	1277	1275	1279
75°	678	678	673	672	670	718
85°	145	146	148	149	148	168
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	3	3	3	3	3
135°	3	3	3	3	3	2
145°	2	2	2	2	2	1
155°	2	2	2	2	2	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°	2514.3	2514.3	2514.3	2514.3	2514.3
0.5°	2513.6	2515.5	2516.1	2515.5	2514.3
1°	2514.3	2515.5	2516.1	2516.1	2514.9
1.5°	2514.9	2516.1	2516.1	2516.1	2515.5
2°	2514.9	2516.1	2516.1	2516.7	2515.5
2.5°	2515.5	2516.7	2516.7	2516.7	2515.5
3°	2516.1	2516.7	2516.7	2516.7	2516.1
3.5°	2516.1	2516.7	2516.7	2516.7	2516.1
4°	2516.7	2516.7	2516.7	2516.7	2516.1
4.5°	2516.7	2517.3	2516.7	2516.7	2516.1
5°	2516.7	2517.3	2516.7	2516.7	2516.1
5.5°	2516.7	2517.3	2516.7	2516.7	2516.1
6°	2517.3	2517.3	2516.7	2516.7	2515.5
6.5°	2517.3	2517.9	2517.3	2516.7	2515.5
7°	2517.3	2517.9	2516.7	2516.7	2515.5
7.5°	2517.3	2517.9	2516.7	2516.1	2514.9
8°	2517.9	2517.9	2517.3	2516.1	2514.9
8.5°	2517.9	2518.6	2516.7	2516.1	2514.3
9°	2518.6	2518.6	2517.3	2515.5	2514.3
9.5°	2518.6	2519.2	2516.7	2515.5	2513.6
10°	2519.2	2519.2	2516.7	2514.9	2513.0
10.5°	2519.8	2519.8	2516.7	2514.9	2513.0
11°	2519.8	2519.8	2516.7	2514.3	2512.4
11.5°	2520.4	2520.4	2516.7	2513.6	2511.8
12°	2520.4	2520.4	2516.7	2513.6	2511.2
12.5°	2521.0	2520.4	2516.1	2513.0	2510.6
13°	2521.0	2520.4	2516.1	2512.4	2510.0
13.5°	2521.6	2521.0	2516.1	2511.8	2509.4
14°	2521.6	2521.0	2516.1	2511.2	2508.1
14.5°	2522.2	2521.0	2515.5	2510.6	2507.5
15°	2522.2	2521.6	2515.5	2510.0	2506.9
15.5°	2522.8	2521.6	2514.9	2508.7	2505.7
16°	2522.2	2521.6	2514.3	2508.1	2504.4
16.5°	2522.8	2521.6	2514.3	2506.9	2503.2
17°	2522.8	2521.0	2513.6	2505.7	2502.6
17.5°	2522.8	2521.0	2512.4	2505.1	2501.4
18°	2522.8	2521.0	2511.8	2503.8	2499.5
18.5°	2522.8	2520.4	2511.2	2502.6	2498.3
19°	2522.2	2520.4	2510.6	2501.4	2497.1
19.5°	2522.2	2519.8	2509.4	2499.5	2495.3
20°	2521.6	2519.2	2508.1	2498.3	2494.0
20.5°	2521.0	2518.6	2507.5	2497.1	2492.2
21°	2521.0	2517.9	2506.3	2495.3	2490.3



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	2518.6	2514.9	2502.0	2489.7	2484.2
23°	2517.3	2513.6	2500.2	2487.9	2482.4
23.5°	2516.1	2512.4	2498.3	2485.4	2479.9
24°	2514.9	2511.2	2496.5	2483.0	2477.5
24.5°	2513.6	2509.4	2494.6	2480.5	2475.0
25°	2511.8	2507.5	2492.2	2478.1	2472.6
25.5°	2510.0	2505.7	2489.7	2475.6	2469.5
26°	2508.1	2503.8	2487.3	2473.2	2467.0
26.5°	2506.3	2501.4	2484.8	2470.1	2464.0
27°	2503.8	2498.9	2481.8	2467.0	2460.9
27.5°	2501.4	2496.5	2478.7	2464.0	2457.8
28°	2498.9	2493.4	2475.6	2460.9	2454.8
28.5°	2495.9	2490.3	2472.6	2457.2	2451.1
29°	2492.8	2487.3	2468.9	2453.6	2447.4
29.5°	2489.7	2483.6	2465.2	2449.9	2443.1
30°	2486.1	2479.9	2460.9	2445.6	2438.8
30.5°	2482.4	2476.2	2456.6	2441.3	2435.2
31°	2478.1	2471.9	2452.3	2437.0	2430.2
31.5°	2474.4	2467.7	2447.4	2432.7	2426.0
32°	2469.5	2462.7	2443.1	2427.8	2421.0
32.5°	2464.6	2457.8	2437.6	2422.3	2415.5
33°	2459.7	2452.3	2432.1	2417.4	2410.0
33.5°	2454.2	2446.8	2426.6	2411.9	2404.5
34°	2448.0	2440.7	2420.4	2405.7	2399.0
34.5°	2441.9	2434.5	2414.3	2399.6	2392.8
35°	2435.8	2427.8	2407.6	2392.8	2386.1
35.5°	2429.0	2421.0	2400.8	2386.1	2379.3
36°	2422.3	2413.7	2393.5	2379.3	2372.0
36.5°	2414.3	2406.3	2386.1	2372.0	2365.2
37°	2406.3	2398.4	2378.1	2364.0	2357.3
37.5°	2398.4	2389.8	2370.2	2356.0	2348.7
38°	2389.8	2381.8	2361.6	2348.1	2340.7
38.5°	2381.2	2372.6	2352.4	2338.9	2332.1
39°	2372.0	2362.8	2343.2	2330.3	2322.9
39.5°	2362.2	2353.0	2334.0	2320.5	2313.7
40°	2351.8	2343.2	2323.5	2310.7	2303.9
40.5°	2341.9	2332.7	2313.1	2300.9	2293.5
41°	2330.9	2321.7	2302.7	2289.8	2282.5
41.5°	2319.3	2310.1	2291.0	2278.8	2271.4
42°	2307.6	2298.4	2279.4	2267.7	2259.8
42.5°	2295.3	2286.1	2267.1	2255.5	2248.1
43°	2283.1	2273.3	2254.9	2243.2	2235.9
43.5°	2270.2	2260.4	2242.0	2230.3	2223.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2227.9	2218.1	2200.3	2189.9	2181.9
45.5°	2213.2	2202.7	2185.6	2175.1	2167.8
46°	2197.8	2187.4	2170.2	2159.8	2152.5
46.5°	2181.9	2171.5	2154.9	2144.5	2137.1
47°	2165.3	2155.5	2138.3	2129.1	2121.2
47.5°	2148.8	2138.3	2121.8	2112.6	2104.6
48°	2132.2	2121.2	2105.2	2095.4	2087.4
48.5°	2114.4	2104.0	2088.1	2078.9	2071.5
49°	2095.4	2085.6	2069.7	2059.9	2053.1
49.5°	2077.0	2067.2	2051.3	2042.1	2034.7
50°	2058.0	2047.6	2032.9	2023.7	2016.3
50.5°	2038.4	2028.0	2013.2	2004.0	1997.3
51°	2018.8	2008.3	1993.6	1984.4	1977.1
51.5°	1997.9	1987.5	1972.8	1964.2	1957.4
52°	1977.1	1966.6	1951.9	1944.0	1937.2
52.5°	1956.2	1945.8	1931.1	1922.5	1916.4
53°	1933.5	1923.7	1910.2	1902.3	1895.5
53.5°	1910.8	1901.0	1887.5	1879.6	1873.4
54°	1888.1	1878.3	1864.8	1856.9	1851.4
54.5°	1866.1	1855.6	1842.8	1834.8	1829.3
55°	1842.2	1832.3	1819.5	1811.5	1806.0
55.5°	1818.2	1808.4	1795.5	1787.6	1782.7
56°	1793.1	1783.9	1771.0	1764.3	1759.4
56.5°	1768.0	1759.4	1746.5	1739.7	1734.8
57°	1743.4	1734.2	1722.0	1715.8	1710.9
57.5°	1718.9	1709.1	1696.8	1690.7	1685.8
58°	1691.9	1682.7	1671.1	1664.9	1660.6
58.5°	1665.5	1657.0	1644.7	1639.2	1634.9
59°	1639.2	1630.6	1618.9	1613.4	1609.1
59.5°	1611.6	1603.6	1592.0	1586.4	1582.1
60°	1584.6	1576.0	1565.0	1560.1	1555.8
60.5°	1557.0	1549.6	1538.0	1533.1	1528.8
61°	1528.8	1521.4	1510.4	1505.5	1501.2
61.5°	1500.0	1493.8	1482.8	1477.9	1474.2
62°	1471.8	1465.6	1454.6	1450.3	1446.6
62.5°	1442.9	1436.8	1425.8	1421.5	1417.8
63°	1414.1	1408.0	1397.6	1393.3	1389.6
63.5°	1384.7	1378.6	1368.7	1364.4	1360.8
64°	1355.2	1349.1	1338.7	1335.6	1331.3
64.5°	1325.8	1319.7	1309.3	1306.2	1302.5
65°	1295.8	1290.9	1281.0	1277.4	1274.9
65.5°	1266.3	1260.2	1251.0	1247.9	1244.3
66°	1235.1	1230.1	1220.9	1217.9	1215.4





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1144.3	1138.8	1130.8	1127.7	1124.7
68°	1113.0	1108.1	1100.1	1097.7	1094.6
68.5°	1081.7	1076.8	1068.9	1067.0	1065.2
69°	1050.5	1045.6	1038.8	1037.0	1034.5
69.5°	1019.8	1014.9	1008.8	1006.9	1003.9
70°	988.5	984.2	978.1	976.3	973.2
70.5°	957.3	953.0	947.4	945.6	942.5
71°	926.0	922.3	917.4	914.9	911.9
71.5°	895.3	891.6	886.1	884.3	881.8
72°	864.0	861.0	855.5	854.2	851.2
72.5°	832.8	830.3	824.8	823.6	821.1
73°	801.5	799.0	793.5	792.3	790.5
73.5°	770.8	768.4	763.5	761.6	759.8
74°	740.2	738.3	733.4	732.2	729.7
74.5°	708.9	707.7	703.4	701.5	699.7
75°	677.6	677.6	673.3	672.1	670.3
75.5°	647.6	647.6	643.3	642.1	640.2
76°	617.5	617.5	613.2	612.1	609.6
76.5°	587.2	587.4	583.8	582.5	580.5
77°	558.1	558.3	555.1	553.4	551.4
77.5°	527.0	528.5	525.8	524.3	522.3
78°	498.0	499.8	497.1	495.9	494.2
78.5°	470.7	471.8	470.0	468.6	466.2
79°	442.0	442.9	441.8	440.5	438.2
79.5°	413.8	415.3	414.5	413.4	410.7
80°	386.8	387.9	388.1	386.4	383.9
80.5°	358.3	360.6	360.9	359.3	358.0
81°	332.0	334.2	334.8	333.8	332.1
81.5°	306.1	308.6	309.2	308.6	306.4
82°	280.2	283.3	284.2	283.7	281.3
82.5°	255.4	258.8	259.8	259.5	257.2
83°	231.4	235.1	236.0	236.3	234.3
83.5°	208.1	211.7	212.9	213.2	211.0
84°	185.8	189.0	190.5	191.1	189.2
84.5°	164.6	167.2	168.9	169.7	168.8
85°	144.6	146.4	148.1	149.2	147.9
85.5°	125.2	126.7	127.9	129.6	128.6
86°	107.2	108.7	109.5	110.9	110.9
86.5°	90.0	90.7	91.4	93.0	93.0
87°	73.6	73.6	73.9	75.9	76.0
87.5°	56.8	57.3	57.5	59.3	59.9
88°	40.0	41.5	41.8	43.5	43.4
88.5°	28.3	28.3	28.3	29.9	30.3



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.3	1.3	1.3	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	0.7
97.5°	0.7	0.6	0.6	0.6	0.7
98°	0.8	0.7	0.7	0.7	0.8
98.5°	0.8	0.7	0.6	0.6	0.7
99°	0.7	0.7	0.7	0.6	0.7
99.5°	0.8	0.6	0.7	0.7	0.7
100°	0.8	0.7	0.7	0.7	0.8
100.5°	0.8	0.8	0.7	0.8	0.8
101°	0.9	0.7	0.7	0.7	0.7
101.5°	0.9	0.7	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	0.7	0.9	0.8	0.9
103.5°	0.9	0.9	0.9	0.9	0.8
104°	1.0	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	1.0	1.0
105.5°	1.0	0.9	1.0	0.9	0.9
106°	1.0	1.0	1.0	1.0	1.1
106.5°	1.1	1.0	1.0	1.0	0.9
107°	1.0	1.0	1.1	1.1	1.0
107.5°	1.2	1.0	1.1	1.2	1.1
108°	1.2	1.0	1.0	1.2	1.0
108.5°	1.2	1.2	1.2	1.1	1.0
109°	1.2	1.2	1.2	1.2	1.2
109.5°	1.3	1.1	1.3	1.2	1.1
110°	1.2	1.2	1.2	1.3	1.2
110.5°	1.3	1.2	1.3	1.3	1.3
111°	1.3	1.3	1.3	1.3	1.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.5	1.5	1.6	1.5	1.4
113°	1.7	1.5	1.5	1.5	1.5
113.5°	1.7	1.7	1.7	1.7	1.7
114°	1.7	1.7	1.8	1.8	1.7
114.5°	1.8	1.8	1.8	1.8	1.7
115°	1.8	1.8	1.8	1.8	1.8
115.5°	2.0	1.8	2.0	1.9	1.8
116°	2.0	2.0	2.0	2.0	1.9
116.5°	2.1	2.1	2.1	2.1	2.0
117°	2.2	2.2	2.2	2.2	2.0
117.5°	2.3	2.2	2.3	2.2	2.1
118°	2.3	2.3	2.4	2.3	2.1
118.5°	2.5	2.4	2.4	2.3	2.3
119°	2.5	2.5	2.6	2.4	2.4
119.5°	2.6	2.6	2.6	2.5	2.5
120°	2.7	2.7	2.6	2.6	2.6
120.5°	2.8	2.6	2.8	2.7	2.6
121°	2.8	2.8	2.8	2.8	2.6
121.5°	3.1	2.9	2.9	2.8	2.8
122°	2.9	3.1	2.9	2.9	2.9
122.5°	3.1	3.1	3.0	3.0	2.9
123°	3.2	3.2	3.1	3.1	3.0
123.5°	3.2	3.3	3.1	3.0	3.1
124°	3.3	3.3	3.3	3.1	3.1
124.5°	3.4	3.3	3.3	3.2	3.2
125°	3.6	3.4	3.4	3.3	3.3
125.5°	3.6	3.5	3.4	3.3	3.4
126°	3.6	3.4	3.4	3.4	3.3
126.5°	3.4	3.5	3.6	3.4	3.4
127°	3.6	3.6	3.4	3.4	3.3
127.5°	3.7	3.6	3.6	3.4	3.3
128°	3.7	3.5	3.5	3.4	3.4
128.5°	3.6	3.6	3.4	3.3	3.4
129°	3.5	3.5	3.4	3.4	3.3
129.5°	3.4	3.5	3.4	3.4	3.4
130°	3.4	3.5	3.4	3.3	3.3
130.5°	3.6	3.4	3.4	3.1	3.3
131°	3.4	3.4	3.4	3.2	3.3
131.5°	3.4	3.3	3.2	3.1	3.2
132°	3.4	3.3	3.3	3.1	3.1
132.5°	3.4	3.3	3.2	3.1	3.2
133°	3.3	3.1	3.1	2.9	3.1
133.5°	3.3	3.1	3.0	2.9	3.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	3.2	3.0	2.9	2.8	3.1
135.5°	3.0	3.1	2.9	2.8	2.9
136°	2.9	2.9	2.8	2.6	2.9
136.5°	3.0	2.9	2.8	2.6	2.9
137°	2.9	2.8	2.8	2.6	2.8
137.5°	2.9	2.8	2.7	2.5	2.7
138°	2.8	2.7	2.6	2.5	2.7
138.5°	2.9	2.7	2.6	2.5	2.6
139°	2.5	2.6	2.6	2.3	2.7
139.5°	2.7	2.5	2.5	2.4	2.6
140°	2.6	2.5	2.5	2.3	2.5
140.5°	2.6	2.5	2.5	2.3	2.5
141°	2.5	2.5	2.4	2.2	2.3
141.5°	2.3	2.5	2.5	2.2	2.3
142°	2.3	2.3	2.4	2.3	2.1
142.5°	2.3	2.4	2.3	2.2	2.1
143°	2.4	2.3	2.3	2.3	2.1
143.5°	2.4	2.3	2.3	2.1	2.1
144°	2.4	2.2	2.4	2.1	2.2
144.5°	2.3	2.2	2.3	2.1	2.2
145°	2.3	2.2	2.3	2.0	2.2
145.5°	2.3	2.1	2.2	2.0	2.3
146°	2.3	2.1	2.1	2.0	2.2
146.5°	2.3	2.1	2.1	2.0	2.2
147°	2.3	2.1	2.0	2.1	2.1
147.5°	2.2	2.1	2.0	2.1	2.3
148°	2.3	2.1	2.1	2.0	2.3
148.5°	2.3	2.2	2.1	2.0	2.3
149°	2.3	2.1	2.1	2.0	2.3
149.5°	2.4	2.1	2.1	2.0	2.3
150°	2.3	2.2	2.1	2.0	2.3
150.5°	2.3	2.1	2.1	2.1	2.3
151°	2.4	2.1	2.0	2.1	2.4
151.5°	2.3	2.2	2.0	2.1	2.4
152°	2.4	2.2	2.1	2.2	2.3
152.5°	2.4	2.3	2.1	2.1	2.4
153°	2.3	2.2	2.1	2.3	2.5
153.5°	2.5	2.3	2.1	2.2	2.4
154°	2.4	2.3	2.2	2.2	2.4
154.5°	2.4	2.2	2.2	2.3	2.5
155°	2.3	2.3	2.3	2.3	2.5
155.5°	2.4	2.2	2.2	2.3	2.5
156°	2.3	2.3	2.3	2.3	2.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	2.3	2.1	2.2	2.3	2.4
158°	2.5	2.3	2.2	2.3	2.5
158.5°	2.3	2.3	2.1	2.3	2.4
159°	2.4	2.3	2.2	2.3	2.5
159.5°	2.3	2.2	2.2	2.3	2.6
160°	2.3	2.3	2.1	2.3	2.5
160.5°	2.3	2.2	2.2	2.3	2.5
161°	2.3	2.2	2.2	2.3	2.5
161.5°	2.3	2.3	2.2	2.2	2.3
162°	2.3	2.2	2.3	2.3	2.3
162.5°	2.4	2.3	2.3	2.3	2.4
163°	2.4	2.3	2.3	2.3	2.3
163.5°	2.3	2.3	2.3	2.3	2.5
164°	2.3	2.3	2.3	2.5	2.5
164.5°	2.2	2.4	2.3	2.5	2.5
165°	2.3	2.3	2.2	2.4	2.5
165.5°	2.1	2.3	2.2	2.6	2.5
166°	2.3	2.3	2.3	2.5	2.4
166.5°	2.3	2.3	2.2	2.5	2.3
167°	2.3	2.5	2.3	2.6	2.5
167.5°	2.3	2.5	2.3	2.6	2.5
168°	2.4	2.4	2.3	2.6	2.5
168.5°	2.3	2.5	2.4	2.8	2.5
169°	2.5	2.5	2.3	2.8	2.5
169.5°	2.5	2.5	2.3	2.7	2.6
170°	2.5	2.5	2.4	2.8	2.5
170.5°	2.5	2.6	2.4	2.8	2.6
171°	2.5	2.5	2.5	2.8	2.7
171.5°	2.5	2.5	2.5	2.8	2.6
172°	2.5	2.5	2.6	2.8	2.6
172.5°	2.6	2.6	2.6	2.8	2.6
173°	2.5	2.5	2.6	2.8	2.7
173.5°	2.6	2.6	2.7	2.8	2.8
174°	2.7	2.7	2.9	2.8	2.7
174.5°	2.7	2.8	2.8	2.9	2.8
175°	2.9	2.8	2.9	2.9	2.8
175.5°	2.9	2.8	3.0	2.9	2.9
176°	3.0	2.9	2.9	2.8	2.8
176.5°	3.1	2.9	2.9	2.7	2.8
177°	2.9	2.9	2.8	2.7	2.8
177.5°	3.0	2.9	2.7	2.6	2.9
178°	2.8	2.8	2.6	2.6	2.7
178.5°	2.8	2.7	2.6	2.6	2.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L850-CFD2

**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°	2520.4	2517.3	2505.1	2493.4	2488.5
22°	2519.2	2516.1	2503.2	2491.6	2486.7



44°	2256.1	2246.9	2228.5	2217.5	2210.1
44.5°	2242.0	2232.2	2215.0	2203.4	2196.0



66.5°	1205.0	1200.1	1190.9	1187.8	1184.8
67°	1175.0	1169.4	1160.9	1157.8	1155.3



89°	17.9	17.6	17.4	18.3	18.6
89.5°	7.9	8.0	7.8	8.4	8.3



111.5°	1.5	1.3	1.4	1.4	1.3
112°	1.5	1.4	1.4	1.4	1.5





134°	3.1	3.1	3.0	2.9	3.1
134.5°	3.2	3.0	3.0	2.8	2.9



156.5°	2.4	2.2	2.3	2.3	2.4
157°	2.3	2.2	2.3	2.3	2.4



179°	2.6	2.6	2.5	2.5	2.6
179.5°	2.3	2.5	2.4	2.3	2.5



(END OF REPORT)