

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-80-L850-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-80-L850-CFR2  
Description: 8000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS  
AND 5000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No.   Condition   Description

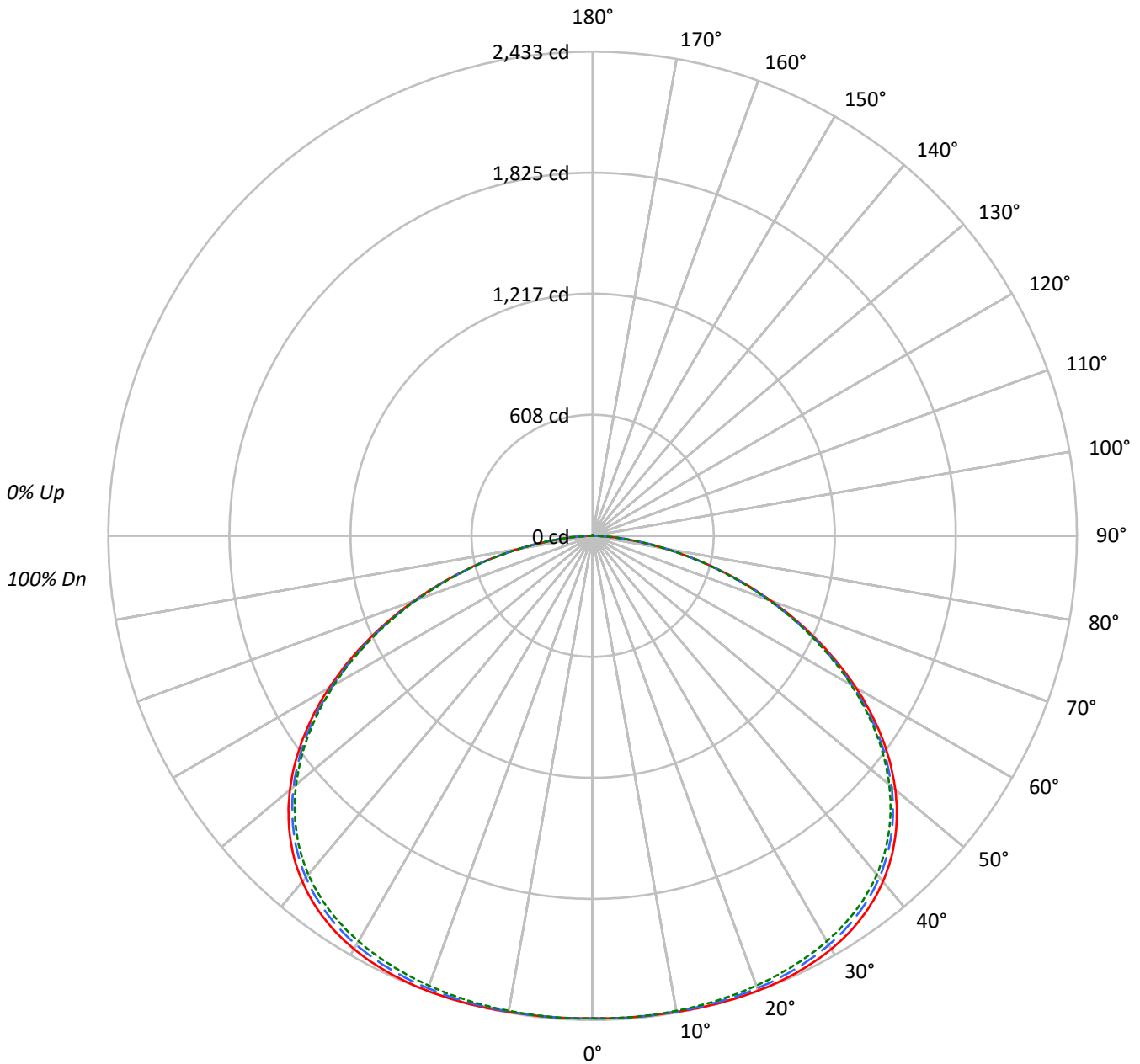
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8781.0 lumens  
Efficiency: N/A  
Efficacy: 138.5 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): 63.4  
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°	1731	1731	1731
5°	1740	1740	1739
10°	1761	1760	1757
15°	1798	1793	1787
20°	1848	1838	1827
25°	1908	1893	1879
30°	1977	1957	1939
35°	2047	2024	2006
40°	2114	2089	2071
45°	2169	2143	2125
50°	2205	2178	2160
55°	2211	2184	2168
60°	2182	2155	2143
65°	2111	2087	2077
70°	1990	1969	1959
75°	1803	1791	1783
80°	1533	1539	1522
85°	1143	1170	1169



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	231.7	2.6
10°-20°	687.3	7.8
20°-30°	1111.1	12.7
30°-40°	1455.3	16.6
40°-50°	1637.0	18.6
50°-60°	1566.4	17.8
60°-70°	1221.7	13.9
70°-80°	688.5	7.8
80°-90°	170.4	1.9
90°-100°	0.6	0.0
100°-110°	1.0	0.0
110°-120°	1.8	0.0
120°-130°	2.8	0.0
130°-140°	2.2	0.0
140°-150°	1.4	0.0
150°-160°	1.0	0.0
160°-170°	0.6	0.0
170°-180°	0.2	0.0
0°-30°	2030.2	23.1
0°-40°	3485.5	39.7
0°-60°	6688.9	76.2
0°-90°	8769.4	99.9
90°-120°	3.4	0.0
90°-150°	9.7	0.1
90°-180°	12.0	0.1
0°-180°	8781.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2425	2425	2425	2425	2425	
5°	2427	2428	2427	2427	2427	232
15°	2433	2432	2426	2421	2418	690
25°	2423	2419	2404	2390	2385	1120
35°	2349	2342	2322	2308	2301	1471
45°	2149	2139	2122	2112	2104	1655
55°	1777	1767	1755	1747	1742	1584
65°	1250	1245	1236	1232	1230	1234
75°	654	654	649	648	646	693
85°	140	141	143	144	143	162
90°	1	1	1	1	1	7
95°	0	0	0	0	1	1
105°	1	1	1	1	1	1
115°	2	2	2	2	2	2
125°	3	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°	2425.1	2425.1	2425.1	2425.1	2425.1
0.5°	2424.5	2426.2	2426.8	2426.2	2425.1
1°	2425.1	2426.2	2426.8	2426.8	2425.6
1.5°	2425.6	2426.8	2426.8	2426.8	2426.2
2°	2425.6	2426.8	2426.8	2427.4	2426.2
2.5°	2426.2	2427.4	2427.4	2427.4	2426.2
3°	2426.8	2427.4	2427.4	2427.4	2426.8
3.5°	2426.8	2427.4	2427.4	2427.4	2426.8
4°	2427.4	2427.4	2427.4	2427.4	2426.8
4.5°	2427.4	2428.0	2427.4	2427.4	2426.8
5°	2427.4	2428.0	2427.4	2427.4	2426.8
5.5°	2427.4	2428.0	2427.4	2427.4	2426.8
6°	2428.0	2428.0	2427.4	2427.4	2426.2
6.5°	2428.0	2428.6	2428.0	2427.4	2426.2
7°	2428.0	2428.6	2427.4	2427.4	2426.2
7.5°	2428.0	2428.6	2427.4	2426.8	2425.6
8°	2428.6	2428.6	2428.0	2426.8	2425.6
8.5°	2428.6	2429.2	2427.4	2426.8	2425.1
9°	2429.2	2429.2	2428.0	2426.2	2425.1
9.5°	2429.2	2429.8	2427.4	2426.2	2424.5
10°	2429.8	2429.8	2427.4	2425.6	2423.9
10.5°	2430.4	2430.4	2427.4	2425.6	2423.9
11°	2430.4	2430.4	2427.4	2425.1	2423.3
11.5°	2431.0	2431.0	2427.4	2424.5	2422.7
12°	2431.0	2431.0	2427.4	2424.5	2422.1
12.5°	2431.6	2431.0	2426.8	2423.9	2421.5
13°	2431.6	2431.0	2426.8	2423.3	2420.9
13.5°	2432.2	2431.6	2426.8	2422.7	2420.3
14°	2432.2	2431.6	2426.8	2422.1	2419.1
14.5°	2432.7	2431.6	2426.2	2421.5	2418.6
15°	2432.7	2432.2	2426.2	2420.9	2418.0
15.5°	2433.3	2432.2	2425.6	2419.7	2416.8
16°	2432.7	2432.2	2425.1	2419.1	2415.6
16.5°	2433.3	2432.2	2425.1	2418.0	2414.4
17°	2433.3	2431.6	2424.5	2416.8	2413.8
17.5°	2433.3	2431.6	2423.3	2416.2	2412.6
18°	2433.3	2431.6	2422.7	2415.0	2410.9
18.5°	2433.3	2431.0	2422.1	2413.8	2409.7
19°	2432.7	2431.0	2421.5	2412.6	2408.5
19.5°	2432.7	2430.4	2420.3	2410.9	2406.7
20°	2432.2	2429.8	2419.1	2409.7	2405.5
20.5°	2431.6	2429.2	2418.6	2408.5	2403.8
21°	2431.6	2428.6	2417.4	2406.7	2402.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	2429.2	2425.6	2413.2	2401.4	2396.1
23°	2428.0	2424.5	2411.5	2399.6	2394.3
23.5°	2426.8	2423.3	2409.7	2397.3	2391.9
24°	2425.6	2422.1	2407.9	2394.9	2389.6
24.5°	2424.5	2420.3	2406.1	2392.5	2387.2
25°	2422.7	2418.6	2403.8	2390.2	2384.8
25.5°	2420.9	2416.8	2401.4	2387.8	2381.9
26°	2419.1	2415.0	2399.0	2385.4	2379.5
26.5°	2417.4	2412.6	2396.7	2382.5	2376.6
27°	2415.0	2410.3	2393.7	2379.5	2373.6
27.5°	2412.6	2407.9	2390.8	2376.6	2370.6
28°	2410.3	2404.9	2387.8	2373.6	2367.7
28.5°	2407.3	2402.0	2384.8	2370.0	2364.1
29°	2404.4	2399.0	2381.3	2366.5	2360.6
29.5°	2401.4	2395.5	2377.7	2363.0	2356.4
30°	2397.8	2391.9	2373.6	2358.8	2352.3
30.5°	2394.3	2388.4	2369.5	2354.7	2348.8
31°	2390.2	2384.2	2365.3	2350.5	2344.0
31.5°	2386.6	2380.1	2360.6	2346.4	2339.9
32°	2381.9	2375.4	2356.4	2341.7	2335.2
32.5°	2377.1	2370.6	2351.1	2336.3	2329.8
33°	2372.4	2365.3	2345.8	2331.6	2324.5
33.5°	2367.1	2360.0	2340.5	2326.3	2319.2
34°	2361.2	2354.1	2334.6	2320.4	2313.9
34.5°	2355.3	2348.2	2328.6	2314.5	2307.9
35°	2349.3	2341.7	2322.1	2307.9	2301.4
35.5°	2342.8	2335.2	2315.6	2301.4	2294.9
36°	2336.3	2328.1	2308.5	2294.9	2287.8
36.5°	2328.6	2321.0	2301.4	2287.8	2281.3
37°	2321.0	2313.3	2293.7	2280.1	2273.6
37.5°	2313.3	2305.0	2286.1	2272.5	2265.4
38°	2305.0	2297.3	2277.8	2264.8	2257.7
38.5°	2296.7	2288.4	2268.9	2255.9	2249.4
39°	2287.8	2279.0	2260.0	2247.6	2240.5
39.5°	2278.4	2269.5	2251.2	2238.2	2231.6
40°	2268.3	2260.0	2241.1	2228.7	2222.2
40.5°	2258.9	2250.0	2231.1	2219.2	2212.1
41°	2248.2	2239.3	2221.0	2208.6	2201.5
41.5°	2237.0	2228.1	2209.8	2197.9	2190.8
42°	2225.7	2216.9	2198.5	2187.3	2179.6
42.5°	2213.9	2205.0	2186.7	2175.5	2168.4
43°	2202.1	2192.6	2174.9	2163.6	2156.5
43.5°	2189.6	2180.2	2162.4	2151.2	2144.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2148.8	2139.4	2122.2	2112.2	2104.5
45.5°	2134.6	2124.6	2108.0	2098.0	2090.9
46°	2119.9	2109.8	2093.2	2083.2	2076.1
46.5°	2104.5	2094.4	2078.5	2068.4	2061.3
47°	2088.5	2079.0	2062.5	2053.6	2045.9
47.5°	2072.5	2062.5	2046.5	2037.6	2030.0
48°	2056.6	2045.9	2030.5	2021.1	2013.4
48.5°	2039.4	2029.4	2014.0	2005.1	1998.0
49°	2021.1	2011.6	1996.2	1986.8	1980.3
49.5°	2003.3	1993.9	1978.5	1969.6	1962.5
50°	1985.0	1974.9	1960.7	1951.9	1944.8
50.5°	1966.1	1956.0	1941.8	1932.9	1926.4
51°	1947.1	1937.1	1922.9	1914.0	1906.9
51.5°	1927.0	1917.0	1902.8	1894.5	1888.0
52°	1906.9	1896.9	1882.7	1875.0	1868.5
52.5°	1886.8	1876.8	1862.6	1854.3	1848.4
53°	1864.9	1855.5	1842.5	1834.8	1828.3
53.5°	1843.0	1833.6	1820.6	1812.9	1807.0
54°	1821.2	1811.7	1798.7	1791.0	1785.7
54.5°	1799.9	1789.8	1777.4	1769.7	1764.4
55°	1776.8	1767.3	1754.9	1747.2	1741.9
55.5°	1753.7	1744.3	1731.8	1724.2	1719.4
56°	1729.5	1720.6	1708.2	1701.7	1696.9
56.5°	1705.2	1696.9	1684.5	1678.0	1673.3
57°	1681.6	1672.7	1660.9	1655.0	1650.2
57.5°	1657.9	1648.4	1636.6	1630.7	1626.0
58°	1631.9	1623.0	1611.8	1605.9	1601.7
58.5°	1606.5	1598.2	1586.3	1581.0	1576.9
59°	1581.0	1572.7	1561.5	1556.2	1552.0
59.5°	1554.4	1546.7	1535.5	1530.2	1526.0
60°	1528.4	1520.1	1509.5	1504.7	1500.6
60.5°	1501.8	1494.7	1483.4	1478.7	1474.6
61°	1474.6	1467.5	1456.8	1452.1	1447.9
61.5°	1446.8	1440.8	1430.2	1425.5	1421.9
62°	1419.5	1413.6	1403.0	1398.8	1395.3
62.5°	1391.7	1385.8	1375.2	1371.0	1367.5
63°	1363.9	1358.0	1348.0	1343.8	1340.3
63.5°	1335.6	1329.6	1320.2	1316.0	1312.5
64°	1307.2	1301.3	1291.2	1288.2	1284.1
64.5°	1278.8	1272.9	1262.8	1259.8	1256.3
65°	1249.8	1245.1	1235.6	1232.0	1229.7
65.5°	1221.4	1215.5	1206.6	1203.7	1200.1
66°	1191.2	1186.5	1177.6	1174.7	1172.3





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1103.7	1098.4	1090.7	1087.7	1084.8
68°	1073.5	1068.8	1061.1	1058.7	1055.8
68.5°	1043.4	1038.6	1030.9	1029.2	1027.4
69°	1013.2	1008.5	1002.0	1000.2	997.8
69.5°	983.6	978.9	973.0	971.2	968.2
70°	953.5	949.3	943.4	941.6	938.7
70.5°	923.3	919.2	913.8	912.1	909.1
71°	893.1	889.6	884.9	882.5	879.5
71.5°	863.6	860.0	854.7	852.9	850.5
72°	833.4	830.4	825.1	823.9	821.0
72.5°	803.2	800.9	795.5	794.4	792.0
73°	773.1	770.7	765.4	764.2	762.4
73.5°	743.5	741.1	736.4	734.6	732.8
74°	713.9	712.1	707.4	706.2	703.9
74.5°	683.7	682.6	678.4	676.7	674.9
75°	653.6	653.6	649.4	648.3	646.5
75.5°	624.6	624.6	620.5	619.3	617.5
76°	595.6	595.6	591.5	590.4	588.0
76.5°	566.3	566.6	563.1	561.8	559.9
77°	538.3	538.5	535.4	533.8	531.9
77.5°	508.3	509.7	507.1	505.7	503.8
78°	480.3	482.1	479.5	478.3	476.7
78.5°	454.0	455.1	453.4	452.0	449.7
79°	426.3	427.2	426.1	424.9	422.7
79.5°	399.1	400.6	399.8	398.8	396.2
80°	373.0	374.1	374.3	372.7	370.3
80.5°	345.6	347.8	348.1	346.5	345.3
81°	320.2	322.3	322.9	321.9	320.3
81.5°	295.3	297.7	298.2	297.7	295.6
82°	270.2	273.2	274.1	273.7	271.3
82.5°	246.4	249.7	250.6	250.3	248.1
83°	223.2	226.8	227.7	228.0	225.9
83.5°	200.7	204.2	205.3	205.7	203.5
84°	179.2	182.3	183.7	184.3	182.5
84.5°	158.8	161.2	163.0	163.7	162.8
85°	139.5	141.2	142.8	143.9	142.7
85.5°	120.8	122.2	123.4	125.0	124.0
86°	103.4	104.8	105.6	106.9	106.9
86.5°	86.8	87.5	88.1	89.7	89.7
87°	71.0	71.0	71.3	73.2	73.3
87.5°	54.8	55.2	55.5	57.2	57.8
88°	38.6	40.0	40.3	41.9	41.8
88.5°	27.3	27.3	27.3	28.9	29.2



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.3	1.2	1.3	1.4	1.2
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°	0.5	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°	0.5	0.4	0.5	0.5	0.5
94°	0.5	0.5	0.5	0.5	0.6
94.5°	0.5	0.5	0.5	0.5	0.5
95°	0.5	0.4	0.5	0.5	0.6
95.5°	0.5	0.5	0.6	0.5	0.6
96°	0.7	0.7	0.5	0.5	0.6
96.5°	0.7	0.6	0.6	0.5	0.6
97°	0.7	0.6	0.7	0.5	0.7
97.5°	0.7	0.6	0.6	0.5	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°	0.8	0.7	0.7	0.7	0.7
101.5°	0.9	0.7	0.8	0.8	0.8
102°	0.9	0.8	0.8	0.8	0.8
102.5°	0.8	0.8	0.8	0.8	0.8
103°	0.8	0.7	0.8	0.8	0.8
103.5°	0.9	0.9	0.8	0.8	0.8
104°	1.0	0.9	0.9	0.8	0.8
104.5°	0.9	0.9	0.9	0.9	0.8
105°	1.1	0.9	0.9	1.0	1.0
105.5°	1.0	0.8	0.9	0.9	0.9
106°	0.9	0.9	1.0	1.0	1.1
106.5°	1.1	0.9	1.0	0.9	0.9
107°	1.0	1.0	1.1	1.1	0.9
107.5°	1.1	1.0	1.1	1.1	1.1
108°	1.1	1.0	0.9	1.1	1.0
108.5°	1.1	1.1	1.1	1.1	1.0
109°	1.2	1.1	1.1	1.1	1.2
109.5°	1.2	1.1	1.2	1.2	1.1
110°	1.2	1.2	1.2	1.2	1.2
110.5°	1.2	1.2	1.2	1.2	1.3
111°	1.2	1.3	1.3	1.3	1.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L850-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	2.3	2.3	2.3	2.3	2.3



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	2431.0	2428.0	2416.2	2404.9	2400.2
22°	2429.8	2426.8	2414.4	2403.2	2398.4



44°	2176.0	2167.2	2149.4	2138.8	2131.7
44.5°	2162.4	2153.0	2136.4	2125.2	2118.1



66.5°	1162.3	1157.5	1148.6	1145.7	1142.7
67°	1133.3	1127.9	1119.7	1116.7	1114.3



89°	17.3	17.0	16.8	17.7	17.9
89.5°	7.6	7.7	7.6	8.1	8.0



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





134°	3.0	3.0	2.9	2.8	3.0
134.5°	3.1	2.9	2.9	2.7	2.8



156.5°	2.3	2.1	2.2	2.2	2.3
157°	2.2	2.1	2.2	2.2	2.3



179°	2.5	2.5	2.4	2.4	2.5
179.5°	2.2	2.4	2.3	2.2	2.4



(END OF REPORT)