

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-70-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-70-L850-CFD2  
Description: 7000 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

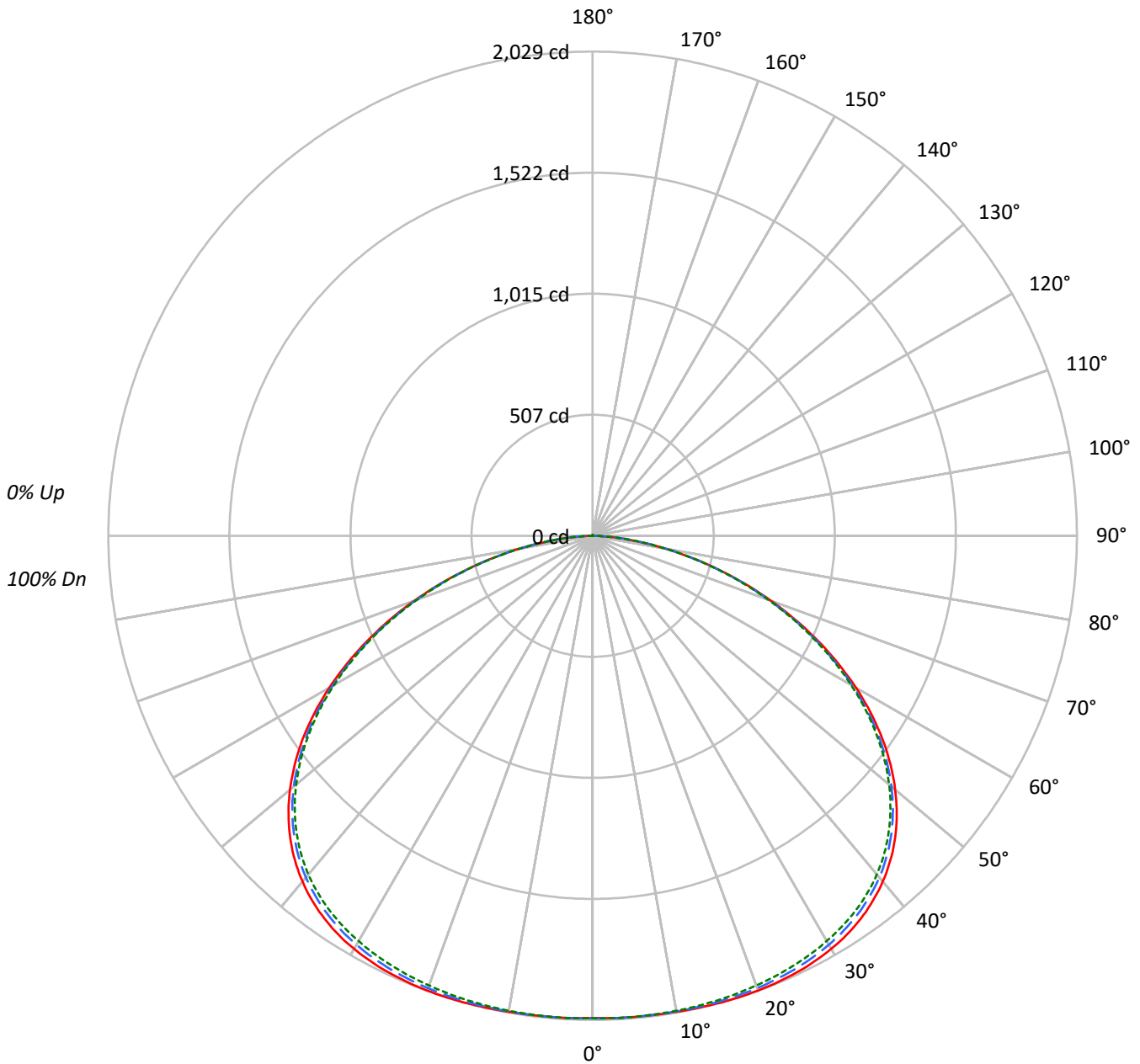
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7321.0 lumens  
Efficiency: N/A  
Efficacy: 134.1 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): 54.6  
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					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°	1443	1443	1443
5°	1445	1443	1445
10°	1457	1452	1454
15°	1482	1471	1473
20°	1517	1499	1500
25°	1560	1535	1535
30°	1608	1576	1578
35°	1657	1618	1623
40°	1701	1657	1667
45°	1734	1684	1699
50°	1749	1693	1713
55°	1737	1676	1703
60°	1694	1626	1663
65°	1612	1540	1586
70°	1484	1407	1461
75°	1295	1218	1281
80°	1028	955	1021
85°	639	576	653



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	193.2	2.6
10°-20°	573.1	7.8
20°-30°	926.4	12.7
30°-40°	1213.4	16.6
40°-50°	1364.8	18.6
50°-60°	1306.0	17.8
60°-70°	1018.6	13.9
70°-80°	574.0	7.8
80°-90°	142.0	1.9
90°-100°	0.5	0.0
100°-110°	0.8	0.0
110°-120°	1.5	0.0
120°-130°	2.3	0.0
130°-140°	1.8	0.0
140°-150°	1.1	0.0
150°-160°	0.8	0.0
160°-170°	0.5	0.0
170°-180°	0.2	0.0
0°-30°	1692.6	23.1
0°-40°	2906.0	39.7
0°-60°	5576.7	76.2
0°-90°	7311.3	99.9
90°-120°	2.8	0.0
90°-150°	8.1	0.1
90°-180°	10.0	0.1
0°-180°	7321.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2022	2022	2022	2022	2022	
5°	2024	2024	2024	2024	2023	193
15°	2028	2028	2023	2018	2016	575
25°	2020	2016	2004	1993	1988	934
35°	1959	1952	1936	1924	1919	1226
45°	1792	1784	1769	1761	1755	1380
55°	1481	1474	1463	1457	1452	1320
65°	1042	1038	1030	1027	1025	1029
75°	545	545	542	540	539	578
85°	116	118	119	120	119	135
90°	1	1	1	1	1	6
95°	0	0	0	0	0	0
105°	1	1	1	1	1	1
115°	2	2	1	2	1	2
125°	3	3	3	3	3	2
135°	3	2	2	2	2	2
145°	2	2	2	2	2	1
155°	2	2	2	2	2	1
165°	2	2	2	2	2	1
175°	2	2	2	2	2	0
180°	2	2	2	2	2	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2021.8	2021.8	2021.8	2021.8	2021.8
0.5°	2021.4	2022.8	2023.3	2022.8	2021.8
1°	2021.8	2022.8	2023.3	2023.3	2022.3
1.5°	2022.3	2023.3	2023.3	2023.3	2022.8
2°	2022.3	2023.3	2023.3	2023.8	2022.8
2.5°	2022.8	2023.8	2023.8	2023.8	2022.8
3°	2023.3	2023.8	2023.8	2023.8	2023.3
3.5°	2023.3	2023.8	2023.8	2023.8	2023.3
4°	2023.8	2023.8	2023.8	2023.8	2023.3
4.5°	2023.8	2024.3	2023.8	2023.8	2023.3
5°	2023.8	2024.3	2023.8	2023.8	2023.3
5.5°	2023.8	2024.3	2023.8	2023.8	2023.3
6°	2024.3	2024.3	2023.8	2023.8	2022.8
6.5°	2024.3	2024.8	2024.3	2023.8	2022.8
7°	2024.3	2024.8	2023.8	2023.8	2022.8
7.5°	2024.3	2024.8	2023.8	2023.3	2022.3
8°	2024.8	2024.8	2024.3	2023.3	2022.3
8.5°	2024.8	2025.3	2023.8	2023.3	2021.8
9°	2025.3	2025.3	2024.3	2022.8	2021.8
9.5°	2025.3	2025.8	2023.8	2022.8	2021.4
10°	2025.8	2025.8	2023.8	2022.3	2020.9
10.5°	2026.3	2026.3	2023.8	2022.3	2020.9
11°	2026.3	2026.3	2023.8	2021.8	2020.4
11.5°	2026.8	2026.8	2023.8	2021.4	2019.9
12°	2026.8	2026.8	2023.8	2021.4	2019.4
12.5°	2027.3	2026.8	2023.3	2020.9	2018.9
13°	2027.3	2026.8	2023.3	2020.4	2018.4
13.5°	2027.8	2027.3	2023.3	2019.9	2017.9
14°	2027.8	2027.3	2023.3	2019.4	2016.9
14.5°	2028.3	2027.3	2022.8	2018.9	2016.4
15°	2028.3	2027.8	2022.8	2018.4	2015.9
15.5°	2028.8	2027.8	2022.3	2017.4	2014.9
16°	2028.3	2027.8	2021.8	2016.9	2014.0
16.5°	2028.8	2027.8	2021.8	2015.9	2013.0
17°	2028.8	2027.3	2021.4	2014.9	2012.5
17.5°	2028.8	2027.3	2020.4	2014.5	2011.5
18°	2028.8	2027.3	2019.9	2013.5	2010.0
18.5°	2028.8	2026.8	2019.4	2012.5	2009.0
19°	2028.3	2026.8	2018.9	2011.5	2008.0
19.5°	2028.3	2026.3	2017.9	2010.0	2006.6
20°	2027.8	2025.8	2016.9	2009.0	2005.6
20.5°	2027.3	2025.3	2016.4	2008.0	2004.1
21°	2027.3	2024.8	2015.4	2006.6	2002.6



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	2025.3	2022.3	2012.0	2002.1	1997.7
23°	2024.3	2021.4	2010.5	2000.6	1996.2
23.5°	2023.3	2020.4	2009.0	1998.7	1994.2
24°	2022.3	2019.4	2007.5	1996.7	1992.3
24.5°	2021.4	2017.9	2006.1	1994.7	1990.3
25°	2019.9	2016.4	2004.1	1992.8	1988.3
25.5°	2018.4	2014.9	2002.1	1990.8	1985.8
26°	2016.9	2013.5	2000.1	1988.8	1983.9
26.5°	2015.4	2011.5	1998.2	1986.3	1981.4
27°	2013.5	2009.5	1995.7	1983.9	1978.9
27.5°	2011.5	2007.5	1993.2	1981.4	1976.5
28°	2009.5	2005.1	1990.8	1978.9	1974.0
28.5°	2007.1	2002.6	1988.3	1976.0	1971.1
29°	2004.6	2000.1	1985.4	1973.0	1968.1
29.5°	2002.1	1997.2	1982.4	1970.1	1964.6
30°	1999.2	1994.2	1978.9	1966.6	1961.2
30.5°	1996.2	1991.3	1975.5	1963.2	1958.2
31°	1992.8	1987.8	1972.0	1959.7	1954.3
31.5°	1989.8	1984.4	1968.1	1956.3	1950.8
32°	1985.8	1980.4	1964.6	1952.3	1946.9
32.5°	1981.9	1976.5	1960.2	1947.9	1942.5
33°	1978.0	1972.0	1955.8	1943.9	1938.0
33.5°	1973.5	1967.6	1951.3	1939.5	1933.6
34°	1968.6	1962.7	1946.4	1934.6	1929.1
34.5°	1963.7	1957.7	1941.5	1929.6	1924.2
35°	1958.7	1952.3	1936.0	1924.2	1918.8
35.5°	1953.3	1946.9	1930.6	1918.8	1913.4
36°	1947.9	1941.0	1924.7	1913.4	1907.4
36.5°	1941.5	1935.1	1918.8	1907.4	1902.0
37°	1935.1	1928.6	1912.4	1901.0	1895.6
37.5°	1928.6	1921.7	1906.0	1894.6	1888.7
38°	1921.7	1915.3	1899.1	1888.2	1882.3
38.5°	1914.8	1907.9	1891.7	1880.8	1875.4
39°	1907.4	1900.0	1884.3	1873.9	1868.0
39.5°	1899.6	1892.2	1876.9	1866.0	1860.6
40°	1891.2	1884.3	1868.5	1858.1	1852.7
40.5°	1883.3	1875.9	1860.1	1850.2	1844.3
41°	1874.4	1867.0	1851.7	1841.4	1835.4
41.5°	1865.0	1857.6	1842.3	1832.5	1826.6
42°	1855.7	1848.3	1833.0	1823.6	1817.2
42.5°	1845.8	1838.4	1823.1	1813.7	1807.8
43°	1835.9	1828.0	1813.3	1803.9	1798.0
43.5°	1825.6	1817.7	1802.9	1793.5	1787.6



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	1791.6	1783.7	1769.4	1761.0	1754.6
45.5°	1779.7	1771.3	1757.5	1749.1	1743.2
46°	1767.4	1759.0	1745.2	1736.8	1730.9
46.5°	1754.6	1746.2	1732.9	1724.5	1718.6
47°	1741.3	1733.4	1719.6	1712.2	1705.7
47.5°	1727.9	1719.6	1706.2	1698.8	1692.4
48°	1714.6	1705.7	1692.9	1685.0	1678.6
48.5°	1700.3	1691.9	1679.1	1671.7	1665.8
49°	1685.0	1677.1	1664.3	1656.4	1651.0
49.5°	1670.2	1662.4	1649.5	1642.1	1636.2
50°	1655.0	1646.6	1634.7	1627.3	1621.4
50.5°	1639.2	1630.8	1619.0	1611.6	1606.1
51°	1623.4	1615.0	1603.2	1595.8	1589.9
51.5°	1606.6	1598.2	1586.4	1579.5	1574.1
52°	1589.9	1581.5	1569.6	1563.2	1557.8
52.5°	1573.1	1564.7	1552.9	1546.0	1541.0
53°	1554.9	1547.0	1536.1	1529.7	1524.3
53.5°	1536.6	1528.7	1517.9	1511.5	1506.5
54°	1518.4	1510.5	1499.6	1493.2	1488.8
54.5°	1500.6	1492.2	1481.9	1475.5	1471.0
55°	1481.4	1473.5	1463.1	1456.7	1452.3
55.5°	1462.1	1454.3	1443.9	1437.5	1433.5
56°	1441.9	1434.5	1424.2	1418.7	1414.8
56.5°	1421.7	1414.8	1404.4	1399.0	1395.1
57°	1402.0	1394.6	1384.7	1379.8	1375.8
57.5°	1382.3	1374.4	1364.5	1359.6	1355.6
58°	1360.6	1353.2	1343.8	1338.9	1335.4
58.5°	1339.4	1332.4	1322.6	1318.1	1314.7
59°	1318.1	1311.2	1301.9	1297.4	1294.0
59.5°	1296.0	1289.5	1280.2	1275.7	1272.3
60°	1274.3	1267.4	1258.5	1254.5	1251.1
60.5°	1252.1	1246.1	1236.8	1232.8	1229.4
61°	1229.4	1223.5	1214.6	1210.6	1207.2
61.5°	1206.2	1201.3	1192.4	1188.5	1185.5
62°	1183.5	1178.6	1169.7	1166.3	1163.3
62.5°	1160.3	1155.4	1146.5	1143.1	1140.1
63°	1137.2	1132.2	1123.9	1120.4	1117.4
63.5°	1113.5	1108.6	1100.7	1097.2	1094.3
64°	1089.8	1084.9	1076.5	1074.0	1070.6
64.5°	1066.2	1061.2	1052.8	1050.4	1047.4
65°	1042.0	1038.0	1030.2	1027.2	1025.2
65.5°	1018.3	1013.4	1006.0	1003.5	1000.6
66°	993.2	989.2	981.8	979.4	977.4





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	920.2	915.7	909.3	906.9	904.4
68°	895.0	891.1	884.7	882.7	880.2
68.5°	869.9	865.9	859.5	858.1	856.6
69°	844.7	840.8	835.4	833.9	831.9
69.5°	820.1	816.1	811.2	809.7	807.3
70°	794.9	791.5	786.5	785.1	782.6
70.5°	769.8	766.3	761.9	760.4	757.9
71°	744.6	741.7	737.7	735.8	733.3
71.5°	720.0	717.0	712.6	711.1	709.1
72°	694.8	692.4	687.9	686.9	684.5
72.5°	669.7	667.7	663.3	662.3	660.3
73°	644.5	642.6	638.1	637.1	635.6
73.5°	619.9	617.9	614.0	612.5	611.0
74°	595.2	593.7	589.8	588.8	586.8
74.5°	570.1	569.1	565.6	564.1	562.7
75°	544.9	544.9	541.5	540.5	539.0
75.5°	520.7	520.7	517.3	516.3	514.8
76°	496.6	496.6	493.1	492.2	490.2
76.5°	472.2	472.4	469.5	468.4	466.8
77°	448.8	449.0	446.4	445.1	443.4
77.5°	423.8	425.0	422.8	421.6	420.0
78°	400.5	402.0	399.7	398.8	397.4
78.5°	378.5	379.4	378.0	376.9	374.9
79°	355.5	356.2	355.3	354.3	352.4
79.5°	332.8	334.0	333.4	332.5	330.3
80°	311.0	311.9	312.1	310.7	308.7
80.5°	288.1	290.0	290.3	288.9	287.9
81°	267.0	268.7	269.2	268.4	267.0
81.5°	246.2	248.2	248.6	248.2	246.4
82°	225.3	227.8	228.5	228.2	226.2
82.5°	205.4	208.2	208.9	208.6	206.8
83°	186.1	189.1	189.8	190.1	188.4
83.5°	167.4	170.2	171.2	171.5	169.6
84°	149.4	152.0	153.2	153.7	152.1
84.5°	132.4	134.4	135.9	136.5	135.8
85°	116.3	117.8	119.1	120.0	118.9
85.5°	100.7	101.9	102.9	104.2	103.4
86°	86.2	87.4	88.1	89.2	89.2
86.5°	72.4	72.9	73.5	74.8	74.8
87°	59.2	59.2	59.4	61.0	61.1
87.5°	45.7	46.1	46.3	47.7	48.2
88°	32.2	33.3	33.6	35.0	34.9
88.5°	22.8	22.8	22.7	24.1	24.4



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.1	1.0	1.1	1.1	1.0
90.5°	0.3	0.3	0.3	0.4	0.3
91°	0.3	0.3	0.3	0.3	0.3
91.5°	0.4	0.3	0.4	0.3	0.2
92°	0.3	0.3	0.3	0.4	0.3
92.5°	0.4	0.3	0.3	0.4	0.3
93°	0.4	0.4	0.4	0.3	0.3
93.5°	0.4	0.3	0.4	0.4	0.4
94°	0.4	0.4	0.4	0.4	0.5
94.5°	0.4	0.4	0.4	0.4	0.4
95°	0.4	0.3	0.4	0.4	0.5
95.5°	0.4	0.4	0.5	0.4	0.5
96°	0.5	0.5	0.4	0.4	0.5
96.5°	0.5	0.5	0.5	0.4	0.5
97°	0.5	0.5	0.5	0.4	0.6
97.5°	0.6	0.5	0.5	0.4	0.6
98°	0.6	0.5	0.5	0.5	0.6
98.5°	0.6	0.5	0.5	0.5	0.6
99°	0.6	0.6	0.5	0.5	0.5
99.5°	0.6	0.5	0.6	0.5	0.5
100°	0.6	0.6	0.6	0.6	0.6
100.5°	0.6	0.6	0.6	0.6	0.6
101°	0.7	0.6	0.6	0.6	0.6
101.5°	0.7	0.6	0.6	0.6	0.7
102°	0.8	0.6	0.7	0.6	0.7
102.5°	0.7	0.6	0.6	0.7	0.7
103°	0.7	0.6	0.7	0.6	0.7
103.5°	0.7	0.7	0.7	0.7	0.6
104°	0.8	0.7	0.7	0.7	0.6
104.5°	0.7	0.8	0.8	0.8	0.7
105°	0.9	0.8	0.7	0.8	0.8
105.5°	0.8	0.7	0.8	0.7	0.7
106°	0.8	0.8	0.8	0.8	0.9
106.5°	0.9	0.8	0.8	0.8	0.7
107°	0.8	0.8	0.9	0.9	0.8
107.5°	0.9	0.8	0.9	0.9	0.9
108°	0.9	0.8	0.8	0.9	0.8
108.5°	0.9	0.9	0.9	0.9	0.8
109°	1.0	0.9	0.9	0.9	1.0
109.5°	1.0	0.9	1.0	1.0	0.9
110°	1.0	1.0	1.0	1.0	1.0
110.5°	1.0	1.0	1.0	1.0	1.1
111°	1.0	1.1	1.1	1.1	1.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.2	1.2	1.3	1.2	1.1
113°	1.3	1.2	1.2	1.2	1.2
113.5°	1.3	1.3	1.3	1.4	1.4
114°	1.4	1.4	1.4	1.4	1.4
114.5°	1.5	1.5	1.4	1.4	1.3
115°	1.5	1.5	1.4	1.5	1.4
115.5°	1.6	1.5	1.6	1.5	1.4
116°	1.6	1.6	1.6	1.6	1.5
116.5°	1.7	1.7	1.7	1.7	1.6
117°	1.8	1.8	1.8	1.8	1.6
117.5°	1.9	1.8	1.8	1.8	1.7
118°	1.9	1.8	1.9	1.8	1.7
118.5°	2.0	1.9	1.9	1.9	1.8
119°	2.0	2.0	2.1	1.9	1.9
119.5°	2.1	2.1	2.1	2.0	2.0
120°	2.2	2.2	2.1	2.1	2.1
120.5°	2.2	2.1	2.2	2.2	2.1
121°	2.2	2.2	2.2	2.2	2.1
121.5°	2.5	2.4	2.3	2.2	2.2
122°	2.3	2.5	2.4	2.3	2.4
122.5°	2.5	2.5	2.4	2.4	2.3
123°	2.6	2.6	2.5	2.5	2.4
123.5°	2.6	2.7	2.5	2.4	2.5
124°	2.6	2.7	2.6	2.5	2.5
124.5°	2.8	2.7	2.6	2.6	2.6
125°	2.9	2.8	2.7	2.7	2.7
125.5°	2.9	2.8	2.7	2.7	2.7
126°	2.9	2.8	2.7	2.7	2.7
126.5°	2.8	2.8	2.9	2.7	2.8
127°	2.9	2.9	2.8	2.7	2.7
127.5°	3.0	2.9	2.9	2.7	2.7
128°	3.0	2.8	2.8	2.7	2.8
128.5°	2.9	2.9	2.8	2.7	2.8
129°	2.8	2.8	2.8	2.7	2.7
129.5°	2.8	2.8	2.8	2.7	2.7
130°	2.8	2.8	2.7	2.6	2.7
130.5°	2.9	2.8	2.8	2.5	2.7
131°	2.7	2.7	2.7	2.6	2.6
131.5°	2.8	2.7	2.6	2.5	2.6
132°	2.7	2.6	2.6	2.5	2.5
132.5°	2.7	2.6	2.6	2.5	2.6
133°	2.6	2.5	2.5	2.4	2.5
133.5°	2.7	2.5	2.4	2.3	2.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	2.6	2.4	2.3	2.3	2.5
135.5°	2.4	2.5	2.3	2.2	2.4
136°	2.4	2.3	2.2	2.1	2.4
136.5°	2.4	2.3	2.2	2.1	2.3
137°	2.4	2.3	2.2	2.1	2.3
137.5°	2.3	2.2	2.2	2.0	2.2
138°	2.3	2.2	2.1	2.0	2.2
138.5°	2.3	2.2	2.1	2.0	2.1
139°	2.0	2.1	2.1	1.9	2.2
139.5°	2.2	2.0	2.0	1.9	2.1
140°	2.1	2.0	2.0	1.9	2.0
140.5°	2.1	2.0	2.0	1.9	2.0
141°	2.0	2.0	1.9	1.8	1.9
141.5°	1.9	2.0	2.0	1.8	1.9
142°	1.8	1.8	1.9	1.8	1.7
142.5°	1.8	1.9	1.9	1.8	1.7
143°	1.9	1.9	1.9	1.8	1.7
143.5°	1.9	1.9	1.9	1.7	1.7
144°	1.9	1.8	1.9	1.7	1.8
144.5°	1.8	1.8	1.8	1.7	1.8
145°	1.9	1.8	1.8	1.6	1.8
145.5°	1.8	1.7	1.8	1.6	1.9
146°	1.8	1.7	1.7	1.6	1.8
146.5°	1.9	1.7	1.7	1.6	1.8
147°	1.8	1.7	1.6	1.7	1.7
147.5°	1.8	1.7	1.6	1.7	1.8
148°	1.8	1.7	1.7	1.6	1.8
148.5°	1.9	1.8	1.7	1.6	1.8
149°	1.8	1.7	1.7	1.6	1.8
149.5°	1.9	1.7	1.7	1.6	1.9
150°	1.9	1.8	1.7	1.6	1.8
150.5°	1.8	1.7	1.7	1.7	1.8
151°	1.9	1.7	1.6	1.7	1.9
151.5°	1.9	1.8	1.6	1.7	1.9
152°	1.9	1.8	1.7	1.8	1.8
152.5°	1.9	1.8	1.7	1.7	1.9
153°	1.9	1.8	1.7	1.8	2.0
153.5°	2.0	1.8	1.7	1.8	1.9
154°	1.9	1.8	1.8	1.8	1.9
154.5°	1.9	1.8	1.8	1.9	2.0
155°	1.8	1.8	1.8	1.9	2.0
155.5°	1.9	1.8	1.8	1.8	2.0
156°	1.8	1.8	1.8	1.8	2.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	1.8	1.7	1.8	1.9	1.9
158°	2.0	1.8	1.8	1.8	2.0
158.5°	1.9	1.8	1.7	1.8	1.9
159°	1.9	1.8	1.8	1.8	2.0
159.5°	1.9	1.8	1.8	1.8	2.1
160°	1.9	1.8	1.7	1.8	2.0
160.5°	1.8	1.8	1.8	1.9	2.0
161°	1.8	1.8	1.8	1.9	2.0
161.5°	1.9	1.8	1.8	1.8	1.9
162°	1.8	1.8	1.8	1.9	1.9
162.5°	1.9	1.9	1.8	1.8	1.9
163°	1.9	1.8	1.9	1.9	1.9
163.5°	1.9	1.8	1.9	1.9	2.0
164°	1.8	1.9	1.8	2.0	2.0
164.5°	1.8	1.9	1.9	2.0	2.0
165°	1.8	1.8	1.8	1.9	2.0
165.5°	1.7	1.8	1.8	2.1	2.0
166°	1.9	1.9	1.8	2.0	1.9
166.5°	1.9	1.8	1.8	2.0	1.8
167°	1.8	2.0	1.8	2.1	2.0
167.5°	1.9	2.0	1.9	2.1	2.0
168°	1.9	1.9	1.8	2.1	2.0
168.5°	1.9	2.0	1.9	2.2	2.0
169°	2.0	2.0	1.8	2.2	2.0
169.5°	2.0	2.0	1.9	2.2	2.1
170°	2.0	2.0	1.9	2.2	2.0
170.5°	2.0	2.1	1.9	2.2	2.1
171°	2.0	2.0	2.0	2.2	2.2
171.5°	2.0	2.0	2.0	2.3	2.1
172°	2.0	2.0	2.1	2.3	2.1
172.5°	2.1	2.1	2.1	2.3	2.1
173°	2.0	2.0	2.1	2.3	2.2
173.5°	2.1	2.1	2.2	2.2	2.2
174°	2.2	2.2	2.3	2.3	2.2
174.5°	2.2	2.3	2.3	2.4	2.3
175°	2.3	2.3	2.3	2.4	2.2
175.5°	2.3	2.3	2.4	2.3	2.3
176°	2.4	2.4	2.3	2.3	2.3
176.5°	2.5	2.3	2.4	2.2	2.3
177°	2.4	2.3	2.2	2.2	2.3
177.5°	2.4	2.3	2.2	2.1	2.3
178°	2.3	2.2	2.1	2.1	2.2
178.5°	2.2	2.2	2.1	2.1	2.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L850-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	1.9	1.9	1.9	1.9	1.9



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	2026.8	2024.3	2014.5	2005.1	2001.1
22°	2025.8	2023.3	2013.0	2003.6	1999.7



44°	1814.2	1806.8	1792.0	1783.2	1777.3
44.5°	1802.9	1795.0	1781.2	1771.8	1765.9



66.5°	969.0	965.1	957.7	955.2	952.7
67°	944.8	940.4	933.5	931.0	929.1



89°	14.4	14.2	14.0	14.7	14.9
89.5°	6.4	6.5	6.3	6.8	6.7



111.5°	1.2	1.1	1.1	1.1	1.1
112°	1.2	1.1	1.1	1.1	1.2





134°	2.5	2.5	2.4	2.4	2.5
134.5°	2.6	2.4	2.4	2.3	2.4



156.5°	1.9	1.8	1.8	1.9	1.9
157°	1.9	1.8	1.8	1.8	1.9



179°	2.1	2.1	2.0	2.0	2.1
179.5°	1.9	2.0	1.9	1.9	2.0



(END OF REPORT)