

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-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-70-L835-CFR2  
Description: 7000 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

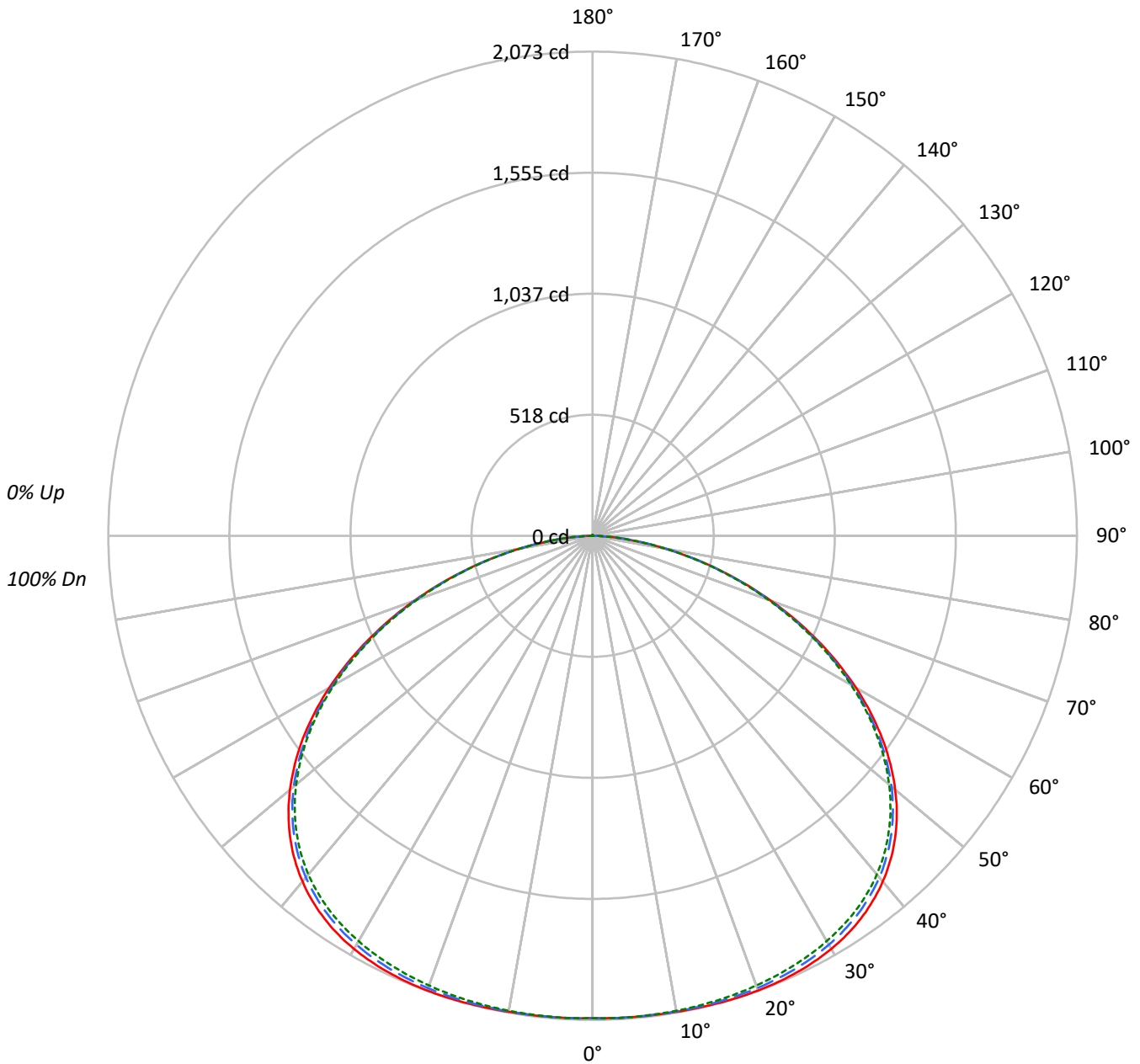
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7480.1 lumens  
Efficiency: N/A  
Efficacy: 137.0 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): 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

TEST NUMBER: P#  
CATALOG NUMBER: 44ID-70-L835-CFR2

### Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L835-CFR2

**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°	1475	1475	1475
5°	1482	1482	1481
10°	1500	1499	1497
15°	1532	1528	1522
20°	1574	1566	1557
25°	1626	1613	1600
30°	1684	1667	1652
35°	1744	1724	1709
40°	1801	1779	1764
45°	1848	1825	1810
50°	1878	1855	1840
55°	1884	1861	1847
60°	1859	1836	1825
65°	1798	1778	1769
70°	1695	1677	1669
75°	1536	1526	1519
80°	1307	1311	1297
85°	973	997	995



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L835-CFR2

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	197.4	2.6
10°-20°	585.5	7.8
20°-30°	946.5	12.7
30°-40°	1239.7	16.6
40°-50°	1394.4	18.6
50°-60°	1334.3	17.8
60°-70°	1040.7	13.9
70°-80°	586.5	7.8
80°-90°	145.1	1.9
90°-100°	0.5	0.0
100°-110°	0.9	0.0
110°-120°	1.5	0.0
120°-130°	2.4	0.0
130°-140°	1.9	0.0
140°-150°	1.2	0.0
150°-160°	0.9	0.0
160°-170°	0.5	0.0
170°-180°	0.2	0.0
0°-30°	1729.4	23.1
0°-40°	2969.1	39.7
0°-60°	5697.8	76.2
0°-90°	7470.1	99.9
90°-120°	2.9	0.0
90°-150°	8.3	0.1
90°-180°	10.0	0.1
0°-180°	7480.1	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2066	2066	2066	2066	2066	
5°	2068	2068	2068	2068	2067	197
15°	2072	2072	2067	2062	2060	587
25°	2064	2060	2048	2036	2032	954
35°	2001	1995	1978	1966	1960	1253
45°	1830	1822	1808	1799	1793	1410
55°	1514	1506	1495	1488	1484	1349
65°	1065	1061	1052	1050	1048	1051
75°	557	557	553	552	551	590
85°	119	120	122	123	122	138
90°	1	1	1	1	1	6
95°	0	0	0	0	0	0
105°	1	1	1	1	1	1
115°	2	2	2	2	2	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	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L835-CFR2

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2065.8	2065.8	2065.8	2065.8	2065.8
0.5°	2065.3	2066.8	2067.3	2066.8	2065.8
1°	2065.8	2066.8	2067.3	2067.3	2066.3
1.5°	2066.3	2067.3	2067.3	2067.3	2066.8
2°	2066.3	2067.3	2067.3	2067.8	2066.8
2.5°	2066.8	2067.8	2067.8	2067.8	2066.8
3°	2067.3	2067.8	2067.8	2067.8	2067.3
3.5°	2067.3	2067.8	2067.8	2067.8	2067.3
4°	2067.8	2067.8	2067.8	2067.8	2067.3
4.5°	2067.8	2068.3	2067.8	2067.8	2067.3
5°	2067.8	2068.3	2067.8	2067.8	2067.3
5.5°	2067.8	2068.3	2067.8	2067.8	2067.3
6°	2068.3	2068.3	2067.8	2067.8	2066.8
6.5°	2068.3	2068.8	2068.3	2067.8	2066.8
7°	2068.3	2068.8	2067.8	2067.8	2066.8
7.5°	2068.8	2068.8	2067.8	2067.3	2066.3
8°	2068.8	2068.8	2068.3	2067.3	2066.3
8.5°	2068.8	2069.3	2067.8	2067.3	2065.8
9°	2069.3	2069.3	2068.3	2066.8	2065.8
9.5°	2069.3	2069.8	2067.8	2066.8	2065.3
10°	2069.8	2069.8	2067.8	2066.3	2064.8
10.5°	2070.3	2070.3	2067.8	2066.3	2064.8
11°	2070.3	2070.3	2067.8	2065.8	2064.2
11.5°	2070.8	2070.8	2067.8	2065.3	2063.7
12°	2070.8	2070.8	2067.8	2065.3	2063.2
12.5°	2071.3	2070.8	2067.3	2064.8	2062.7
13°	2071.3	2070.8	2067.3	2064.2	2062.2
13.5°	2071.8	2071.3	2067.3	2063.7	2061.7
14°	2071.8	2071.3	2067.3	2063.2	2060.7
14.5°	2072.3	2071.3	2066.8	2062.7	2060.2
15°	2072.3	2071.8	2066.8	2062.2	2059.7
15.5°	2072.8	2071.8	2066.3	2061.2	2058.7
16°	2072.3	2071.8	2065.8	2060.7	2057.7
16.5°	2072.8	2071.8	2065.8	2059.7	2056.7
17°	2072.8	2071.3	2065.3	2058.7	2056.2
17.5°	2072.8	2071.3	2064.2	2058.2	2055.2
18°	2072.8	2071.3	2063.7	2057.2	2053.7
18.5°	2072.8	2070.8	2063.2	2056.2	2052.7
19°	2072.3	2070.8	2062.7	2055.2	2051.7
19.5°	2072.3	2070.3	2061.7	2053.7	2050.1
20°	2071.8	2069.8	2060.7	2052.7	2049.1
20.5°	2071.3	2069.3	2060.2	2051.7	2047.6
21°	2071.3	2068.8	2059.2	2050.1	2046.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L835-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	2069.3	2066.3	2055.7	2045.6	2041.1
23°	2068.3	2065.3	2054.2	2044.1	2039.6
23.5°	2067.3	2064.2	2052.7	2042.1	2037.5
24°	2066.3	2063.2	2051.1	2040.1	2035.5
24.5°	2065.3	2061.7	2049.6	2038.0	2033.5
25°	2063.7	2060.2	2047.6	2036.0	2031.5
25.5°	2062.2	2058.7	2045.6	2034.0	2029.0
26°	2060.7	2057.2	2043.6	2032.0	2027.0
26.5°	2059.2	2055.2	2041.6	2029.5	2024.4
27°	2057.2	2053.2	2039.1	2027.0	2021.9
27.5°	2055.2	2051.1	2036.5	2024.4	2019.4
28°	2053.2	2048.6	2034.0	2021.9	2016.9
28.5°	2050.6	2046.1	2031.5	2018.9	2013.9
29°	2048.1	2043.6	2028.5	2015.9	2010.8
29.5°	2045.6	2040.6	2025.5	2012.9	2007.3
30°	2042.6	2037.5	2021.9	2009.3	2003.8
30.5°	2039.6	2034.5	2018.4	2005.8	2000.8
31°	2036.0	2031.0	2014.9	2002.3	1996.7
31.5°	2033.0	2027.5	2010.8	1998.7	1993.2
32°	2029.0	2023.4	2007.3	1994.7	1989.2
32.5°	2024.9	2019.4	2002.8	1990.2	1984.6
33°	2020.9	2014.9	1998.2	1986.2	1980.1
33.5°	2016.4	2010.3	1993.7	1981.6	1975.6
34°	2011.3	2005.3	1988.7	1976.6	1971.0
34.5°	2006.3	2000.3	1983.6	1971.5	1966.0
35°	2001.3	1994.7	1978.1	1966.0	1960.5
35.5°	1995.7	1989.2	1972.5	1960.5	1954.9
36°	1990.2	1983.1	1966.5	1954.9	1948.9
36.5°	1983.6	1977.1	1960.5	1948.9	1943.3
37°	1977.1	1970.5	1953.9	1942.3	1936.8
37.5°	1970.5	1963.5	1947.4	1935.8	1929.7
38°	1963.5	1956.9	1940.3	1929.2	1923.2
38.5°	1956.4	1949.4	1932.7	1921.7	1916.1
39°	1948.9	1941.3	1925.2	1914.6	1908.6
39.5°	1940.8	1933.2	1917.6	1906.5	1901.0
40°	1932.2	1925.2	1909.1	1898.5	1892.9
40.5°	1924.2	1916.6	1900.5	1890.4	1884.4
41°	1915.1	1907.6	1891.9	1881.4	1875.3
41.5°	1905.5	1898.0	1882.4	1872.3	1866.2
42°	1896.0	1888.4	1872.8	1863.2	1856.7
42.5°	1885.9	1878.3	1862.7	1853.1	1847.1
43°	1875.8	1867.7	1852.6	1843.1	1837.0
43.5°	1865.2	1857.2	1842.1	1832.5	1826.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L835-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	1830.5	1822.4	1807.8	1799.2	1792.7
45.5°	1818.4	1809.8	1795.7	1787.1	1781.1
46°	1805.8	1797.2	1783.1	1774.5	1768.5
46.5°	1792.7	1784.1	1770.5	1761.9	1755.9
47°	1779.1	1771.0	1756.9	1749.3	1742.8
47.5°	1765.5	1756.9	1743.3	1735.7	1729.2
48°	1751.9	1742.8	1729.7	1721.6	1715.1
48.5°	1737.3	1728.7	1715.6	1708.0	1702.0
49°	1721.6	1713.6	1700.5	1692.4	1686.9
49.5°	1706.5	1698.5	1685.4	1677.8	1671.8
50°	1690.9	1682.3	1670.2	1662.7	1656.6
50.5°	1674.8	1666.2	1654.1	1646.6	1641.0
51°	1658.7	1650.1	1638.0	1630.4	1624.4
51.5°	1641.5	1633.0	1620.9	1613.8	1608.3
52°	1624.4	1615.8	1603.7	1597.2	1591.6
52.5°	1607.3	1598.7	1586.6	1579.5	1574.5
53°	1588.6	1580.6	1569.5	1562.9	1557.4
53.5°	1570.0	1561.9	1550.8	1544.3	1539.2
54°	1551.3	1543.3	1532.2	1525.6	1521.1
54.5°	1533.2	1524.6	1514.1	1507.5	1503.0
55°	1513.5	1505.5	1494.9	1488.4	1483.8
55.5°	1493.9	1485.8	1475.3	1468.7	1464.7
56°	1473.2	1465.7	1455.1	1449.6	1445.5
56.5°	1452.6	1445.5	1434.9	1429.4	1425.4
57°	1432.4	1424.9	1414.8	1409.8	1405.7
57.5°	1412.3	1404.2	1394.1	1389.1	1385.1
58°	1390.1	1382.5	1373.0	1367.9	1364.4
58.5°	1368.4	1361.4	1351.3	1346.8	1343.2
59°	1346.8	1339.7	1330.1	1325.6	1322.1
59.5°	1324.1	1317.6	1308.0	1303.4	1299.9
60°	1301.9	1294.9	1285.8	1281.8	1278.3
60.5°	1279.3	1273.2	1263.6	1259.6	1256.1
61°	1256.1	1250.0	1241.0	1236.9	1233.4
61.5°	1232.4	1227.4	1218.3	1214.3	1211.2
62°	1209.2	1204.2	1195.1	1191.6	1188.6
62.5°	1185.5	1180.5	1171.4	1167.9	1164.9
63°	1161.9	1156.8	1148.3	1144.7	1141.7
63.5°	1137.7	1132.6	1124.6	1121.1	1118.0
64°	1113.5	1108.5	1099.9	1097.4	1093.8
64.5°	1089.3	1084.3	1075.7	1073.2	1070.2
65°	1064.6	1060.6	1052.5	1049.5	1047.5
65.5°	1040.4	1035.4	1027.8	1025.3	1022.3
66°	1014.7	1010.7	1003.2	1000.6	998.6





TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L835-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	940.2	935.6	929.1	926.6	924.0
68°	914.5	910.4	903.9	901.9	899.4
68.5°	888.8	884.7	878.2	876.7	875.2
69°	863.1	859.1	853.5	852.0	850.0
69.5°	837.9	833.9	828.8	827.3	824.8
70°	812.2	808.7	803.6	802.1	799.6
70.5°	786.5	783.0	778.4	776.9	774.4
71°	760.8	757.8	753.8	751.7	749.2
71.5°	735.6	732.6	728.1	726.5	724.5
72°	709.9	707.4	702.9	701.9	699.3
72.5°	684.2	682.2	677.7	676.7	674.6
73°	658.5	656.5	652.0	651.0	649.5
73.5°	633.3	631.3	627.3	625.8	624.3
74°	608.1	606.6	602.6	601.6	599.6
74.5°	582.4	581.4	577.9	576.4	574.9
75°	556.7	556.7	553.2	552.2	550.7
75.5°	532.1	532.1	528.5	527.5	526.0
76°	507.4	507.4	503.8	502.9	500.9
76.5°	482.4	482.6	479.7	478.6	476.9
77°	458.5	458.7	456.1	454.7	453.1
77.5°	433.0	434.2	432.0	430.8	429.1
78°	409.2	410.7	408.4	407.5	406.0
78.5°	386.7	387.7	386.2	385.0	383.1
79°	363.2	363.9	363.0	362.0	360.0
79.5°	340.0	341.3	340.6	339.7	337.5
80°	317.8	318.7	318.8	317.5	315.4
80.5°	294.4	296.3	296.6	295.2	294.1
81°	272.8	274.5	275.0	274.2	272.8
81.5°	251.5	253.6	254.0	253.6	251.8
82°	230.2	232.7	233.5	233.1	231.1
82.5°	209.9	212.7	213.5	213.2	211.3
83°	190.1	193.2	193.9	194.2	192.5
83.5°	171.0	173.9	174.9	175.2	173.3
84°	152.7	155.3	156.5	157.0	155.4
84.5°	135.2	137.3	138.8	139.5	138.7
85°	118.8	120.3	121.7	122.6	121.5
85.5°	102.9	104.1	105.1	106.5	105.7
86°	88.1	89.3	90.0	91.1	91.1
86.5°	74.0	74.5	75.1	76.4	76.4
87°	60.5	60.5	60.7	62.4	62.4
87.5°	46.7	47.1	47.3	48.7	49.2
88°	32.9	34.1	34.4	35.7	35.6
88.5°	23.3	23.3	23.2	24.6	24.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L835-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.1	1.1	1.1	1.2	1.1
90.5°	0.4	0.3	0.4	0.4	0.4
91°	0.4	0.3	0.3	0.4	0.3
91.5°	0.5	0.4	0.4	0.3	0.3
92°	0.4	0.4	0.4	0.4	0.4
92.5°	0.4	0.4	0.4	0.4	0.4
93°	0.4	0.4	0.4	0.4	0.3
93.5°	0.5	0.4	0.4	0.4	0.5
94°	0.5	0.4	0.5	0.4	0.5
94.5°	0.5	0.5	0.4	0.5	0.5
95°	0.5	0.4	0.5	0.4	0.5
95.5°	0.4	0.5	0.5	0.5	0.5
96°	0.6	0.6	0.5	0.5	0.5
96.5°	0.6	0.5	0.5	0.5	0.5
97°	0.6	0.5	0.6	0.5	0.6
97.5°	0.6	0.5	0.5	0.5	0.6
98°	0.7	0.6	0.6	0.6	0.7
98.5°	0.7	0.6	0.5	0.5	0.6
99°	0.6	0.6	0.6	0.5	0.6
99.5°	0.7	0.5	0.6	0.6	0.6
100°	0.7	0.6	0.6	0.6	0.7
100.5°	0.7	0.7	0.6	0.7	0.7
101°	0.7	0.6	0.6	0.6	0.6
101.5°	0.8	0.6	0.7	0.7	0.7
102°	0.8	0.7	0.7	0.7	0.7
102.5°	0.7	0.7	0.7	0.7	0.7
103°	0.7	0.6	0.7	0.7	0.7
103.5°	0.8	0.8	0.7	0.7	0.7
104°	0.9	0.8	0.8	0.7	0.7
104.5°	0.8	0.8	0.8	0.8	0.7
105°	0.9	0.8	0.8	0.9	0.9
105.5°	0.9	0.7	0.8	0.8	0.8
106°	0.8	0.8	0.9	0.9	0.9
106.5°	0.9	0.8	0.9	0.8	0.8
107°	0.9	0.9	0.9	0.9	0.8
107.5°	1.0	0.9	0.9	1.0	0.9
108°	1.0	0.9	0.8	1.0	0.9
108.5°	1.0	1.0	1.0	0.9	0.9
109°	1.0	1.0	1.0	1.0	1.0
109.5°	1.1	0.9	1.1	1.0	0.9
110°	1.0	1.0	1.0	1.1	1.0
110.5°	1.1	1.0	1.1	1.1	1.1
111°	1.1	1.1	1.1	1.1	1.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L835-CFR2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L835-CFR2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L835-CFR2

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L835-CFR2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	2.0	2.0	2.0	2.0	2.0



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	2070.8	2068.3	2058.2	2048.6	2044.6
22°	2069.8	2067.3	2056.7	2047.1	2043.1



44°	1853.6	1846.1	1831.0	1821.9	1815.9
44.5°	1842.1	1834.0	1819.9	1810.3	1804.3



66.5°	990.1	986.0	978.5	975.9	973.4
67°	965.4	960.8	953.8	951.3	949.2



89°	14.7	14.5	14.3	15.1	15.3
89.5°	6.5	6.6	6.4	6.9	6.8



111.5°	1.3	1.1	1.2	1.2	1.1
112°	1.3	1.2	1.2	1.2	1.3





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



156.5°	2.0	1.8	1.9	1.9	2.0
157°	1.9	1.8	1.9	1.9	2.0



179°	2.2	2.1	2.0	2.1	2.2
179.5°	1.9	2.0	2.0	1.9	2.1



(END OF REPORT)