

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-L840-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-L840-CFR2
Description: 7000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 4000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

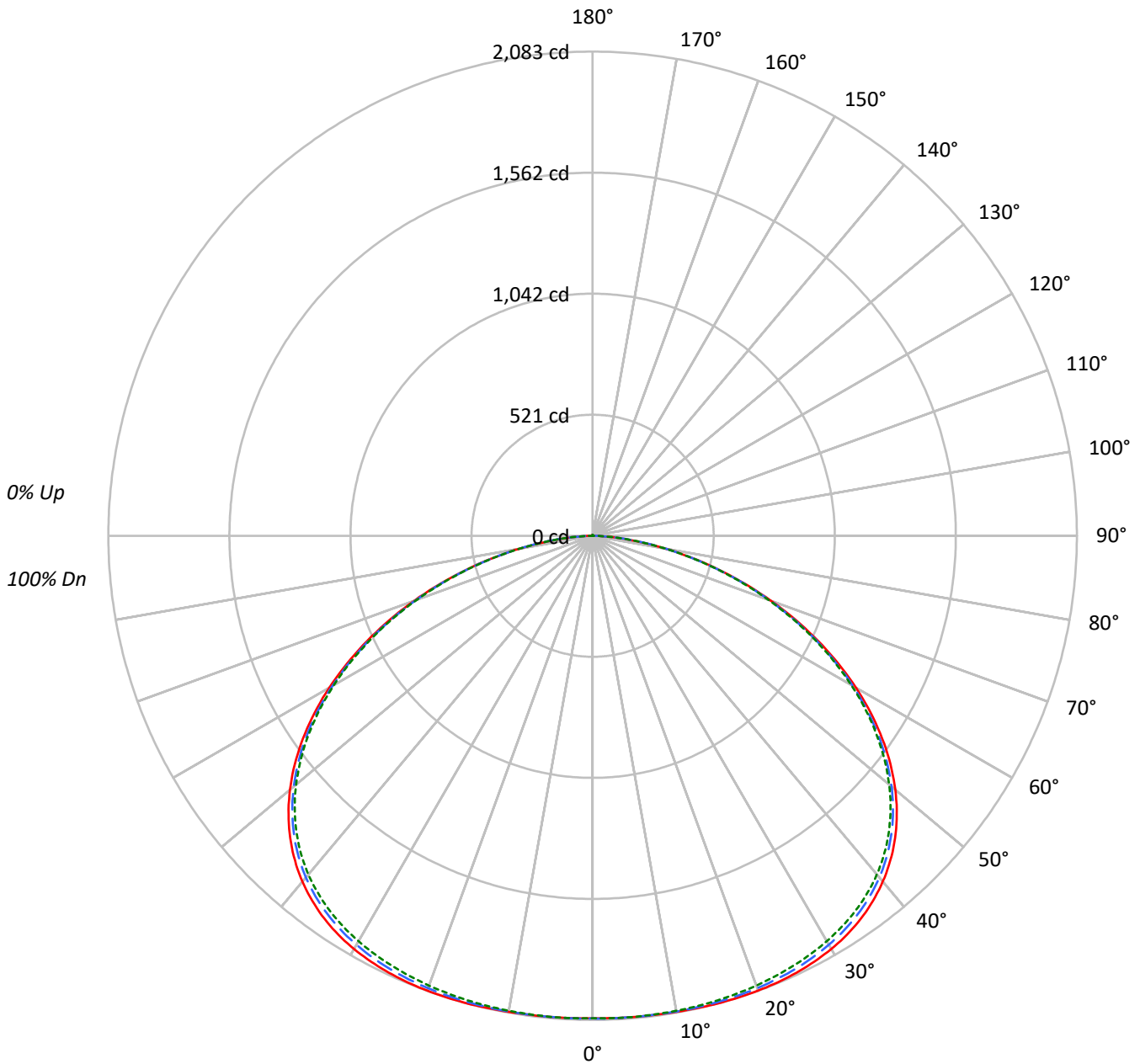
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7517.0 lumens
Efficiency: N/A
Efficacy: 137.7 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-L840-CFR2

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L840-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°	1482	1482	1482
5°	1489	1489	1489
10°	1508	1506	1504
15°	1539	1535	1530
20°	1582	1573	1564
25°	1634	1621	1608
30°	1692	1675	1660
35°	1753	1732	1717
40°	1810	1788	1773
45°	1857	1834	1819
50°	1887	1864	1849
55°	1893	1870	1856
60°	1868	1845	1834
65°	1807	1787	1778
70°	1704	1686	1677
75°	1543	1534	1526
80°	1313	1317	1303
85°	978	1002	1000



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L840-CFR2

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	198.4	2.6
10°-20°	588.4	7.8
20°-30°	951.2	12.7
30°-40°	1245.8	16.6
40°-50°	1401.3	18.6
50°-60°	1340.9	17.8
60°-70°	1045.8	13.9
70°-80°	589.4	7.8
80°-90°	145.8	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°	1737.9	23.1
0°-40°	2983.8	39.7
0°-60°	5726.0	76.2
0°-90°	7507.1	99.9
90°-120°	2.9	0.0
90°-150°	8.3	0.1
90°-180°	10.0	0.1
0°-180°	7517.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2076	2076	2076	2076	2076	
5°	2078	2078	2078	2078	2078	198
15°	2083	2082	2077	2072	2070	590
25°	2074	2070	2058	2046	2042	959
35°	2011	2005	1988	1976	1970	1259
45°	1840	1831	1817	1808	1802	1417
55°	1521	1513	1502	1496	1491	1356
65°	1070	1066	1058	1055	1053	1056
75°	560	560	556	555	553	593
85°	119	121	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-L840-CFR2

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2076.0	2076.0	2076.0	2076.0	2076.0
0.5°	2075.5	2077.0	2077.5	2077.0	2076.0
1°	2076.0	2077.0	2077.5	2077.5	2076.5
1.5°	2076.5	2077.5	2077.5	2077.5	2077.0
2°	2076.5	2077.5	2077.5	2078.0	2077.0
2.5°	2077.0	2078.0	2078.0	2078.0	2077.0
3°	2077.5	2078.0	2078.0	2078.0	2077.5
3.5°	2077.5	2078.0	2078.0	2078.0	2077.5
4°	2078.0	2078.0	2078.0	2078.0	2077.5
4.5°	2078.0	2078.5	2078.0	2078.0	2077.5
5°	2078.0	2078.5	2078.0	2078.0	2077.5
5.5°	2078.0	2078.5	2078.0	2078.0	2077.5
6°	2078.5	2078.5	2078.0	2078.0	2077.0
6.5°	2078.5	2079.0	2078.5	2078.0	2077.0
7°	2078.5	2079.0	2078.0	2078.0	2077.0
7.5°	2078.5	2079.0	2078.0	2077.5	2076.5
8°	2079.0	2079.0	2078.5	2077.5	2076.5
8.5°	2079.0	2079.5	2078.0	2077.5	2076.0
9°	2079.5	2079.5	2078.5	2077.0	2076.0
9.5°	2079.5	2080.0	2078.0	2077.0	2075.5
10°	2080.0	2080.0	2078.0	2076.5	2075.0
10.5°	2080.5	2080.5	2078.0	2076.5	2075.0
11°	2080.5	2080.5	2078.0	2076.0	2074.5
11.5°	2081.0	2081.0	2078.0	2075.5	2074.0
12°	2081.0	2081.0	2078.0	2075.5	2073.4
12.5°	2081.5	2081.0	2077.5	2075.0	2072.9
13°	2081.5	2081.0	2077.5	2074.5	2072.4
13.5°	2082.1	2081.5	2077.5	2074.0	2071.9
14°	2082.1	2081.5	2077.5	2073.4	2070.9
14.5°	2082.6	2081.5	2077.0	2072.9	2070.4
15°	2082.6	2082.1	2077.0	2072.4	2069.9
15.5°	2083.1	2082.1	2076.5	2071.4	2068.9
16°	2082.6	2082.1	2076.0	2070.9	2067.9
16.5°	2083.1	2082.1	2076.0	2069.9	2066.9
17°	2083.1	2081.5	2075.5	2068.9	2066.4
17.5°	2083.1	2081.5	2074.5	2068.4	2065.3
18°	2083.1	2081.5	2074.0	2067.4	2063.8
18.5°	2083.1	2081.0	2073.4	2066.4	2062.8
19°	2082.6	2081.0	2072.9	2065.3	2061.8
19.5°	2082.6	2080.5	2071.9	2063.8	2060.3
20°	2082.1	2080.0	2070.9	2062.8	2059.3
20.5°	2081.5	2079.5	2070.4	2061.8	2057.7
21°	2081.5	2079.0	2069.4	2060.3	2056.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L840-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2079.5	2076.5	2065.9	2055.7	2051.2
23°	2078.5	2075.5	2064.3	2054.2	2049.6
23.5°	2077.5	2074.5	2062.8	2052.2	2047.6
24°	2076.5	2073.4	2061.3	2050.2	2045.6
24.5°	2075.5	2071.9	2059.8	2048.1	2043.6
25°	2074.0	2070.4	2057.7	2046.1	2041.5
25.5°	2072.4	2068.9	2055.7	2044.1	2039.0
26°	2070.9	2067.4	2053.7	2042.1	2037.0
26.5°	2069.4	2065.3	2051.7	2039.5	2034.5
27°	2067.4	2063.3	2049.1	2037.0	2031.9
27.5°	2065.3	2061.3	2046.6	2034.5	2029.4
28°	2063.3	2058.8	2044.1	2031.9	2026.9
28.5°	2060.8	2056.2	2041.5	2028.9	2023.8
29°	2058.3	2053.7	2038.5	2025.8	2020.8
29.5°	2055.7	2050.7	2035.5	2022.8	2017.2
30°	2052.7	2047.6	2031.9	2019.3	2013.7
30.5°	2049.6	2044.6	2028.4	2015.7	2010.7
31°	2046.1	2041.0	2024.8	2012.2	2006.6
31.5°	2043.1	2037.5	2020.8	2008.6	2003.1
32°	2039.0	2033.4	2017.2	2004.6	1999.0
32.5°	2035.0	2029.4	2012.7	2000.0	1994.5
33°	2030.9	2024.8	2008.1	1996.0	1989.9
33.5°	2026.4	2020.3	2003.6	1991.4	1985.3
34°	2021.3	2015.2	1998.5	1986.4	1980.8
34.5°	2016.2	2010.2	1993.4	1981.3	1975.7
35°	2011.2	2004.6	1987.9	1975.7	1970.2
35.5°	2005.6	1999.0	1982.3	1970.2	1964.6
36°	2000.0	1992.9	1976.2	1964.6	1958.5
36.5°	1993.4	1986.9	1970.2	1958.5	1952.9
37°	1986.9	1980.3	1963.6	1951.9	1946.4
37.5°	1980.3	1973.2	1957.0	1945.3	1939.3
38°	1973.2	1966.6	1949.9	1938.8	1932.7
38.5°	1966.1	1959.0	1942.3	1931.2	1925.6
39°	1958.5	1950.9	1934.7	1924.1	1918.0
39.5°	1950.4	1942.8	1927.1	1916.0	1910.4
40°	1941.8	1934.7	1918.5	1907.9	1902.3
40.5°	1933.7	1926.1	1909.9	1899.8	1893.7
41°	1924.6	1917.0	1901.3	1890.7	1884.6
41.5°	1915.0	1907.4	1891.7	1881.5	1875.5
42°	1905.3	1897.7	1882.1	1872.4	1865.8
42.5°	1895.2	1887.6	1871.9	1862.3	1856.2
43°	1885.1	1877.0	1861.8	1852.2	1846.1
43.5°	1874.5	1866.4	1851.2	1841.5	1835.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L840-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1839.5	1831.4	1816.7	1808.1	1801.5
45.5°	1827.4	1818.8	1804.6	1796.0	1789.9
46°	1814.7	1806.1	1791.9	1783.3	1777.2
46.5°	1801.5	1792.9	1779.3	1770.7	1764.6
47°	1787.9	1779.8	1765.6	1758.0	1751.4
47.5°	1774.2	1765.6	1751.9	1744.3	1737.7
48°	1760.5	1751.4	1738.3	1730.1	1723.6
48.5°	1745.8	1737.2	1724.1	1716.5	1710.4
49°	1730.1	1722.0	1708.9	1700.8	1695.2
49.5°	1715.0	1706.9	1693.7	1686.1	1680.0
50°	1699.3	1690.7	1678.5	1670.9	1664.8
50.5°	1683.1	1674.5	1662.3	1654.7	1649.1
51°	1666.9	1658.2	1646.1	1638.5	1632.4
51.5°	1649.6	1641.0	1628.9	1621.8	1616.2
52°	1632.4	1623.8	1611.7	1605.1	1599.5
52.5°	1615.2	1606.6	1594.5	1587.4	1582.3
53°	1596.5	1588.4	1577.2	1570.7	1565.1
53.5°	1577.7	1569.6	1558.5	1551.9	1546.9
54°	1559.0	1550.9	1539.8	1533.2	1528.6
54.5°	1540.8	1532.2	1521.5	1515.0	1510.4
55°	1521.0	1512.9	1502.3	1495.7	1491.2
55.5°	1501.3	1493.2	1482.6	1476.0	1471.9
56°	1480.5	1472.9	1462.3	1456.7	1452.7
56.5°	1459.8	1452.7	1442.0	1436.5	1432.4
57°	1439.5	1431.9	1421.8	1416.7	1412.7
57.5°	1419.3	1411.2	1401.0	1396.0	1391.9
58°	1397.0	1389.4	1379.8	1374.7	1371.2
58.5°	1375.2	1368.1	1358.0	1353.4	1349.9
59°	1353.4	1346.3	1336.7	1332.2	1328.6
59.5°	1330.7	1324.1	1314.4	1309.9	1306.3
60°	1308.4	1301.3	1292.2	1288.1	1284.6
60.5°	1285.6	1279.5	1269.9	1265.8	1262.3
61°	1262.3	1256.2	1247.1	1243.1	1239.5
61.5°	1238.5	1233.4	1224.3	1220.3	1217.2
62°	1215.2	1210.1	1201.0	1197.5	1194.4
62.5°	1191.4	1186.3	1177.2	1173.7	1170.6
63°	1167.6	1162.5	1153.9	1150.4	1147.4
63.5°	1143.3	1138.2	1130.1	1126.6	1123.6
64°	1119.0	1113.9	1105.3	1102.8	1099.3
64.5°	1094.7	1089.6	1081.0	1078.5	1075.5
65°	1069.9	1065.8	1057.7	1054.7	1052.7
65.5°	1045.6	1040.5	1032.9	1030.4	1027.4
66°	1019.8	1015.7	1008.1	1005.6	1003.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L840-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	944.8	940.3	933.7	931.2	928.6
68°	919.0	914.9	908.4	906.3	903.8
68.5°	893.2	889.1	882.5	881.0	879.5
69°	867.4	863.3	857.7	856.2	854.2
69.5°	842.0	838.0	832.9	831.4	828.9
70°	816.2	812.7	807.6	806.1	803.6
70.5°	790.4	786.8	782.3	780.8	778.2
71°	764.6	761.5	757.5	755.5	752.9
71.5°	739.3	736.2	731.7	730.1	728.1
72°	713.4	710.9	706.3	705.3	702.8
72.5°	687.6	685.6	681.0	680.0	678.0
73°	661.8	659.8	655.2	654.2	652.7
73.5°	636.5	634.4	630.4	628.9	627.4
74°	611.1	609.6	605.6	604.6	602.5
74.5°	585.3	584.3	580.8	579.2	577.7
75°	559.5	559.5	556.0	554.9	553.4
75.5°	534.7	534.7	531.1	530.1	528.6
76°	509.9	509.9	506.3	505.4	503.3
76.5°	484.8	485.0	482.0	481.0	479.3
77°	460.8	461.0	458.3	457.0	455.3
77.5°	435.1	436.4	434.1	432.9	431.2
78°	411.2	412.7	410.4	409.5	408.1
78.5°	388.6	389.6	388.1	386.9	385.0
79°	365.0	365.7	364.8	363.8	361.8
79.5°	341.7	342.9	342.3	341.4	339.1
80°	319.3	320.3	320.4	319.0	317.0
80.5°	295.9	297.7	298.0	296.7	295.6
81°	274.1	275.9	276.4	275.6	274.2
81.5°	252.8	254.8	255.3	254.8	253.0
82°	231.3	233.9	234.6	234.3	232.3
82.5°	210.9	213.7	214.5	214.2	212.4
83°	191.0	194.1	194.9	195.1	193.4
83.5°	171.9	174.8	175.7	176.1	174.2
84°	153.4	156.1	157.3	157.8	156.2
84.5°	135.9	138.0	139.5	140.2	139.4
85°	119.4	120.9	122.3	123.2	122.1
85.5°	103.4	104.6	105.6	107.0	106.2
86°	88.5	89.7	90.4	91.5	91.5
86.5°	74.3	74.9	75.4	76.8	76.8
87°	60.8	60.8	61.0	62.7	62.7
87.5°	46.9	47.3	47.5	49.0	49.5
88°	33.1	34.2	34.5	35.9	35.8
88.5°	23.4	23.4	23.3	24.7	25.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L840-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-L840-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-L840-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-L840-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-L840-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°	2081.0	2078.5	2068.4	2058.8	2054.7
22°	2080.0	2077.5	2066.9	2057.2	2053.2



44°	1862.8	1855.2	1840.0	1830.9	1824.8
44.5°	1851.2	1843.1	1828.9	1819.3	1813.2



66.5°	994.9	990.9	983.3	980.8	978.2
67°	970.1	965.6	958.5	956.0	953.9



89°	14.8	14.5	14.4	15.1	15.3
89.5°	6.5	6.6	6.5	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)