

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-L830-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-L830-CFR2
Description: 7000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 3000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

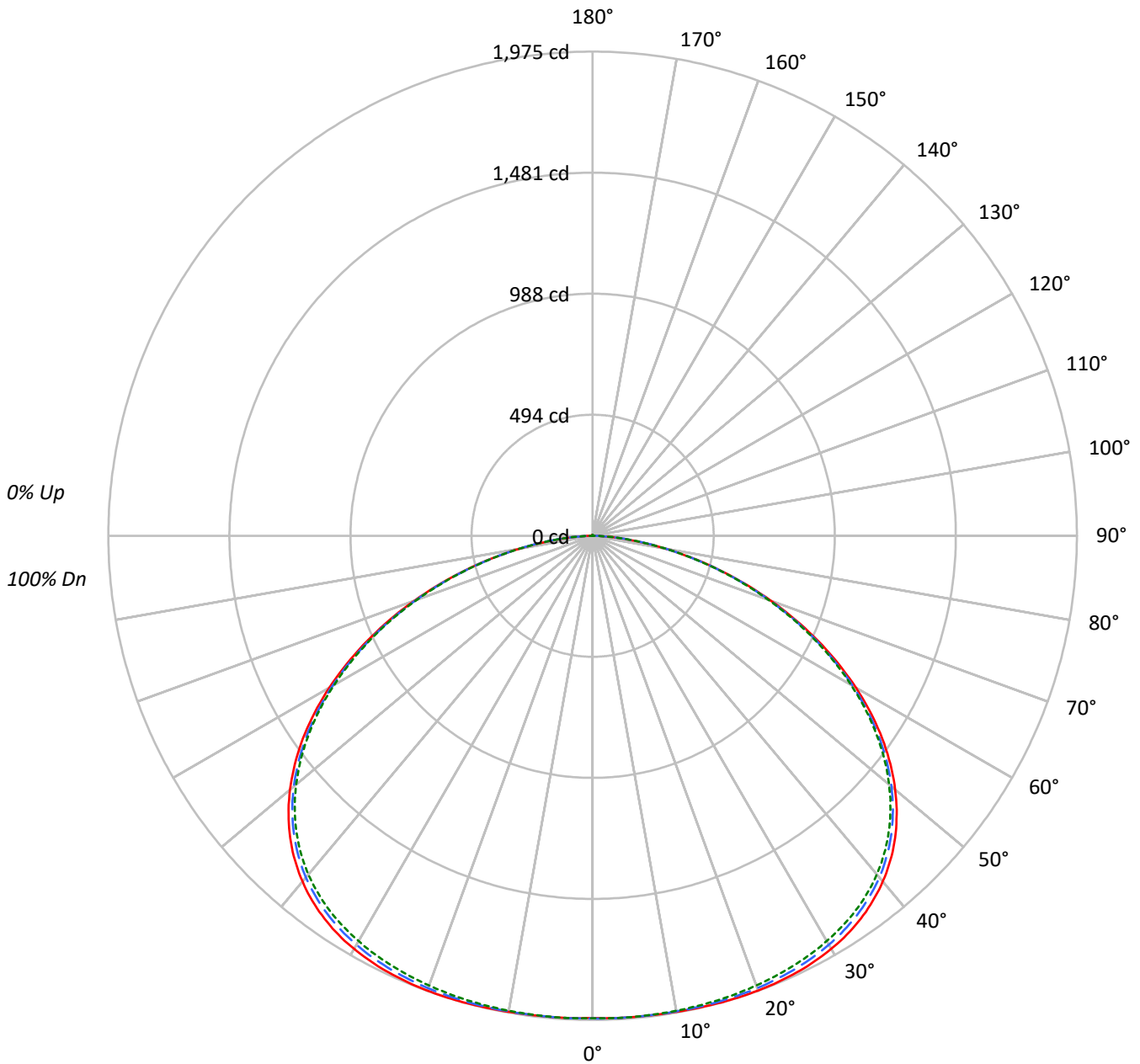
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7126.0 lumens
Efficiency: N/A
Efficacy: 130.5 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): 54.6
Input Voltage (V):
Input Current (A_{in}): 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°	1405	1405	1405
5°	1412	1412	1411
10°	1429	1428	1426
15°	1459	1455	1450
20°	1500	1491	1483
25°	1549	1537	1525
30°	1604	1588	1574
35°	1662	1642	1628
40°	1715	1695	1681
45°	1761	1739	1724
50°	1789	1767	1753
55°	1795	1773	1759
60°	1771	1749	1739
65°	1713	1694	1686
70°	1615	1598	1590
75°	1463	1454	1447
80°	1244	1249	1235
85°	927	949	949



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.0	2.6
10°-20°	557.8	7.8
20°-30°	901.7	12.7
30°-40°	1181.0	16.6
40°-50°	1328.5	18.6
50°-60°	1271.2	17.8
60°-70°	991.4	13.9
70°-80°	558.7	7.8
80°-90°	138.2	1.9
90°-100°	0.5	0.0
100°-110°	0.8	0.0
110°-120°	1.4	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°	1647.5	23.1
0°-40°	2828.6	39.7
0°-60°	5428.2	76.2
0°-90°	7116.6	99.9
90°-120°	2.7	0.0
90°-150°	7.9	0.1
90°-180°	9.0	0.1
0°-180°	7126.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1968	1968	1968	1968	1968	
5°	1970	1970	1970	1970	1969	188
15°	1974	1974	1969	1965	1962	560
25°	1966	1963	1951	1940	1935	909
35°	1907	1900	1884	1873	1868	1194
45°	1744	1736	1722	1714	1708	1343
55°	1442	1434	1424	1418	1414	1285
65°	1014	1010	1003	1000	998	1001
75°	530	530	527	526	525	562
85°	113	115	116	117	116	131
90°	1	1	1	1	1	5
95°	0	0	0	0	0	0
105°	1	1	1	1	1	1
115°	1	1	1	1	1	1
125°	3	3	3	3	3	2
135°	2	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°	1968.0	1968.0	1968.0	1968.0	1968.0
0.5°	1967.5	1969.0	1969.4	1969.0	1968.0
1°	1968.0	1969.0	1969.4	1969.4	1968.5
1.5°	1968.5	1969.4	1969.4	1969.4	1969.0
2°	1968.5	1969.4	1969.4	1969.9	1969.0
2.5°	1969.0	1969.9	1969.9	1969.9	1969.0
3°	1969.4	1969.9	1969.9	1969.9	1969.4
3.5°	1969.4	1969.9	1969.9	1969.9	1969.4
4°	1969.9	1969.9	1969.9	1969.9	1969.4
4.5°	1969.9	1970.4	1969.9	1969.9	1969.4
5°	1969.9	1970.4	1969.9	1969.9	1969.4
5.5°	1969.9	1970.4	1969.9	1969.9	1969.4
6°	1970.4	1970.4	1969.9	1969.9	1969.0
6.5°	1970.4	1970.9	1970.4	1969.9	1969.0
7°	1970.4	1970.9	1969.9	1969.9	1969.0
7.5°	1970.4	1970.9	1969.9	1969.4	1968.5
8°	1970.9	1970.9	1970.4	1969.4	1968.5
8.5°	1970.9	1971.4	1969.9	1969.4	1968.0
9°	1971.4	1971.4	1970.4	1969.0	1968.0
9.5°	1971.4	1971.8	1969.9	1969.0	1967.5
10°	1971.8	1971.8	1969.9	1968.5	1967.0
10.5°	1972.3	1972.3	1969.9	1968.5	1967.0
11°	1972.3	1972.3	1969.9	1968.0	1966.6
11.5°	1972.8	1972.8	1969.9	1967.5	1966.1
12°	1972.8	1972.8	1969.9	1967.5	1965.6
12.5°	1973.3	1972.8	1969.4	1967.0	1965.1
13°	1973.3	1972.8	1969.4	1966.6	1964.6
13.5°	1973.8	1973.3	1969.4	1966.1	1964.2
14°	1973.8	1973.3	1969.4	1965.6	1963.2
14.5°	1974.2	1973.3	1969.0	1965.1	1962.7
15°	1974.2	1973.8	1969.0	1964.6	1962.2
15.5°	1974.7	1973.8	1968.5	1963.7	1961.3
16°	1974.2	1973.8	1968.0	1963.2	1960.3
16.5°	1974.7	1973.8	1968.0	1962.2	1959.4
17°	1974.7	1973.3	1967.5	1961.3	1958.9
17.5°	1974.7	1973.3	1966.6	1960.8	1957.9
18°	1974.7	1973.3	1966.1	1959.8	1956.5
18.5°	1974.7	1972.8	1965.6	1958.9	1955.5
19°	1974.2	1972.8	1965.1	1957.9	1954.6
19.5°	1974.2	1972.3	1964.2	1956.5	1953.1
20°	1973.8	1971.8	1963.2	1955.5	1952.2
20.5°	1973.3	1971.4	1962.7	1954.6	1950.7
21°	1973.3	1970.9	1961.8	1953.1	1949.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	1971.4	1968.5	1958.4	1948.8	1944.5
23°	1970.4	1967.5	1957.0	1947.4	1943.0
23.5°	1969.4	1966.6	1955.5	1945.4	1941.1
24°	1968.5	1965.6	1954.1	1943.5	1939.2
24.5°	1967.5	1964.2	1952.6	1941.6	1937.3
25°	1966.1	1962.7	1950.7	1939.7	1935.4
25.5°	1964.6	1961.3	1948.8	1937.8	1933.0
26°	1963.2	1959.8	1946.9	1935.8	1931.0
26.5°	1961.8	1957.9	1945.0	1933.4	1928.6
27°	1959.8	1956.0	1942.6	1931.0	1926.2
27.5°	1957.9	1954.1	1940.2	1928.6	1923.8
28°	1956.0	1951.7	1937.8	1926.2	1921.4
28.5°	1953.6	1949.3	1935.4	1923.4	1918.6
29°	1951.2	1946.9	1932.5	1920.5	1915.7
29.5°	1948.8	1944.0	1929.6	1917.6	1912.3
30°	1945.9	1941.1	1926.2	1914.2	1909.0
30.5°	1943.0	1938.2	1922.9	1910.9	1906.1
31°	1939.7	1934.9	1919.5	1907.5	1902.2
31.5°	1936.8	1931.5	1915.7	1904.2	1898.9
32°	1933.0	1927.7	1912.3	1900.3	1895.0
32.5°	1929.1	1923.8	1908.0	1896.0	1890.7
33°	1925.3	1919.5	1903.7	1892.2	1886.4
33.5°	1921.0	1915.2	1899.4	1887.8	1882.1
34°	1916.2	1910.4	1894.6	1883.0	1877.8
34.5°	1911.4	1905.6	1889.8	1878.2	1873.0
35°	1906.6	1900.3	1884.5	1873.0	1867.7
35.5°	1901.3	1895.0	1879.2	1867.7	1862.4
36°	1896.0	1889.3	1873.4	1862.4	1856.6
36.5°	1889.8	1883.5	1867.7	1856.6	1851.4
37°	1883.5	1877.3	1861.4	1850.4	1845.1
37.5°	1877.3	1870.6	1855.2	1844.2	1838.4
38°	1870.6	1864.3	1848.5	1837.9	1832.2
38.5°	1863.8	1857.1	1841.3	1830.7	1825.4
39°	1856.6	1849.4	1834.1	1824.0	1818.2
39.5°	1849.0	1841.8	1826.9	1816.3	1811.0
40°	1840.8	1834.1	1818.7	1808.6	1803.4
40.5°	1833.1	1825.9	1810.6	1801.0	1795.2
41°	1824.5	1817.3	1802.4	1792.3	1786.6
41.5°	1815.4	1808.2	1793.3	1783.7	1777.9
42°	1806.2	1799.0	1784.2	1775.0	1768.8
42.5°	1796.6	1789.4	1774.6	1765.4	1759.7
43°	1787.0	1779.4	1765.0	1755.8	1750.1
43.5°	1777.0	1769.3	1754.9	1745.8	1740.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1743.8	1736.2	1722.2	1714.1	1707.8
45.5°	1732.3	1724.2	1710.7	1702.6	1696.8
46°	1720.3	1712.2	1698.7	1690.6	1684.8
46.5°	1707.8	1699.7	1686.7	1678.6	1672.8
47°	1694.9	1687.2	1673.8	1666.6	1660.3
47.5°	1681.9	1673.8	1660.8	1653.6	1647.4
48°	1669.0	1660.3	1647.8	1640.2	1633.9
48.5°	1655.0	1646.9	1634.4	1627.2	1621.4
49°	1640.2	1632.5	1620.0	1612.3	1607.0
49.5°	1625.8	1618.1	1605.6	1598.4	1592.6
50°	1610.9	1602.7	1591.2	1584.0	1578.2
50.5°	1595.5	1587.4	1575.8	1568.6	1563.4
51°	1580.2	1572.0	1560.5	1553.3	1547.5
51.5°	1563.8	1555.7	1544.2	1537.4	1532.2
52°	1547.5	1539.4	1527.8	1521.6	1516.3
52.5°	1531.2	1523.0	1511.5	1504.8	1500.0
53°	1513.4	1505.8	1495.2	1489.0	1483.7
53.5°	1495.7	1488.0	1477.4	1471.2	1466.4
54°	1477.9	1470.2	1459.7	1453.4	1449.1
54.5°	1460.6	1452.5	1442.4	1436.2	1431.8
55°	1441.9	1434.2	1424.2	1417.9	1413.6
55.5°	1423.2	1415.5	1405.4	1399.2	1395.4
56°	1403.5	1396.3	1386.2	1381.0	1377.1
56.5°	1383.8	1377.1	1367.0	1361.8	1357.9
57°	1364.6	1357.4	1347.8	1343.0	1339.2
57.5°	1345.4	1337.8	1328.2	1323.4	1319.5
58°	1324.3	1317.1	1308.0	1303.2	1299.8
58.5°	1303.7	1297.0	1287.4	1283.0	1279.7
59°	1283.0	1276.3	1267.2	1262.9	1259.5
59.5°	1261.4	1255.2	1246.1	1241.8	1238.4
60°	1240.3	1233.6	1225.0	1221.1	1217.8
60.5°	1218.7	1213.0	1203.8	1200.0	1196.6
61°	1196.6	1190.9	1182.2	1178.4	1175.0
61.5°	1174.1	1169.3	1160.6	1156.8	1153.9
62°	1152.0	1147.2	1138.6	1135.2	1132.3
62.5°	1129.4	1124.6	1116.0	1112.6	1109.8
63°	1106.9	1102.1	1093.9	1090.6	1087.7
63.5°	1083.8	1079.0	1071.4	1068.0	1065.1
64°	1060.8	1056.0	1047.8	1045.4	1042.1
64.5°	1037.8	1033.0	1024.8	1022.4	1019.5
65°	1014.2	1010.4	1002.7	999.8	997.9
65.5°	991.2	986.4	979.2	976.8	973.9
66°	966.7	962.9	955.7	953.3	951.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	895.7	891.4	885.1	882.7	880.3
68°	871.2	867.4	861.1	859.2	856.8
68.5°	846.7	842.9	836.6	835.2	833.8
69°	822.2	818.4	813.1	811.7	809.8
69.5°	798.2	794.4	789.6	788.2	785.8
70°	773.8	770.4	765.6	764.2	761.8
70.5°	749.3	745.9	741.6	740.2	737.8
71°	724.8	721.9	718.1	716.2	713.8
71.5°	700.8	697.9	693.6	692.2	690.2
72°	676.3	673.9	669.6	668.6	666.2
72.5°	651.8	649.9	645.6	644.6	642.7
73°	627.4	625.4	621.1	620.2	618.7
73.5°	603.4	601.4	597.6	596.2	594.7
74°	579.4	577.9	574.1	573.1	571.2
74.5°	554.9	553.9	550.6	549.1	547.7
75°	530.4	530.4	527.0	526.1	524.6
75.5°	506.9	506.9	503.5	502.6	501.1
76°	483.4	483.4	480.0	479.1	477.2
76.5°	459.6	459.8	457.0	456.0	454.4
77°	436.8	437.0	434.5	433.2	431.6
77.5°	412.5	413.7	411.6	410.4	408.8
78°	389.8	391.2	389.1	388.2	386.8
78.5°	368.4	369.3	367.9	366.8	364.9
79°	346.0	346.7	345.8	344.8	343.0
79.5°	323.9	325.1	324.5	323.6	321.5
80°	302.7	303.6	303.7	302.4	300.5
80.5°	280.5	282.2	282.5	281.2	280.2
81°	259.9	261.6	262.0	261.3	259.9
81.5°	239.6	241.6	242.0	241.6	239.9
82°	219.3	221.7	222.4	222.1	220.2
82.5°	199.9	202.6	203.4	203.1	201.3
83°	181.1	184.0	184.8	185.0	183.4
83.5°	162.9	165.7	166.6	166.9	165.1
84°	145.4	147.9	149.1	149.6	148.1
84.5°	128.8	130.8	132.2	132.9	132.1
85°	113.2	114.6	115.9	116.8	115.8
85.5°	98.0	99.2	100.1	101.5	100.7
86°	83.9	85.1	85.7	86.8	86.8
86.5°	70.5	71.0	71.5	72.8	72.8
87°	57.6	57.6	57.8	59.4	59.5
87.5°	44.4	44.8	45.0	46.4	46.9
88°	31.3	32.4	32.7	34.0	33.9
88.5°	22.2	22.2	22.1	23.4	23.7



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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-L830-CFR2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L830-CFR2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L830-CFR2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L830-CFR2

CANDELA DISTRIBUTION (continued):

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



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







21.5°	1972.8	1970.4	1960.8	1951.7	1947.8
22°	1971.8	1969.4	1959.4	1950.2	1946.4



44°	1765.9	1758.7	1744.3	1735.7	1729.9
44.5°	1754.9	1747.2	1733.8	1724.6	1718.9



66.5°	943.2	939.4	932.2	929.8	927.4
67°	919.7	915.4	908.6	906.2	904.3



89°	14.0	13.8	13.6	14.4	14.5
89.5°	6.2	6.3	6.1	6.6	6.5



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



134°	2.4	2.4	2.4	2.3	2.4
134.5°	2.5	2.4	2.4	2.2	2.3



156.5°	1.9	1.7	1.8	1.8	1.9
157°	1.8	1.7	1.8	1.8	1.9



179°	2.1	2.0	1.9	2.0	2.1
179.5°	1.8	1.9	1.9	1.8	2.0



(END OF REPORT)