

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-L940-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-L940-CFR2
Description: 8000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 4000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

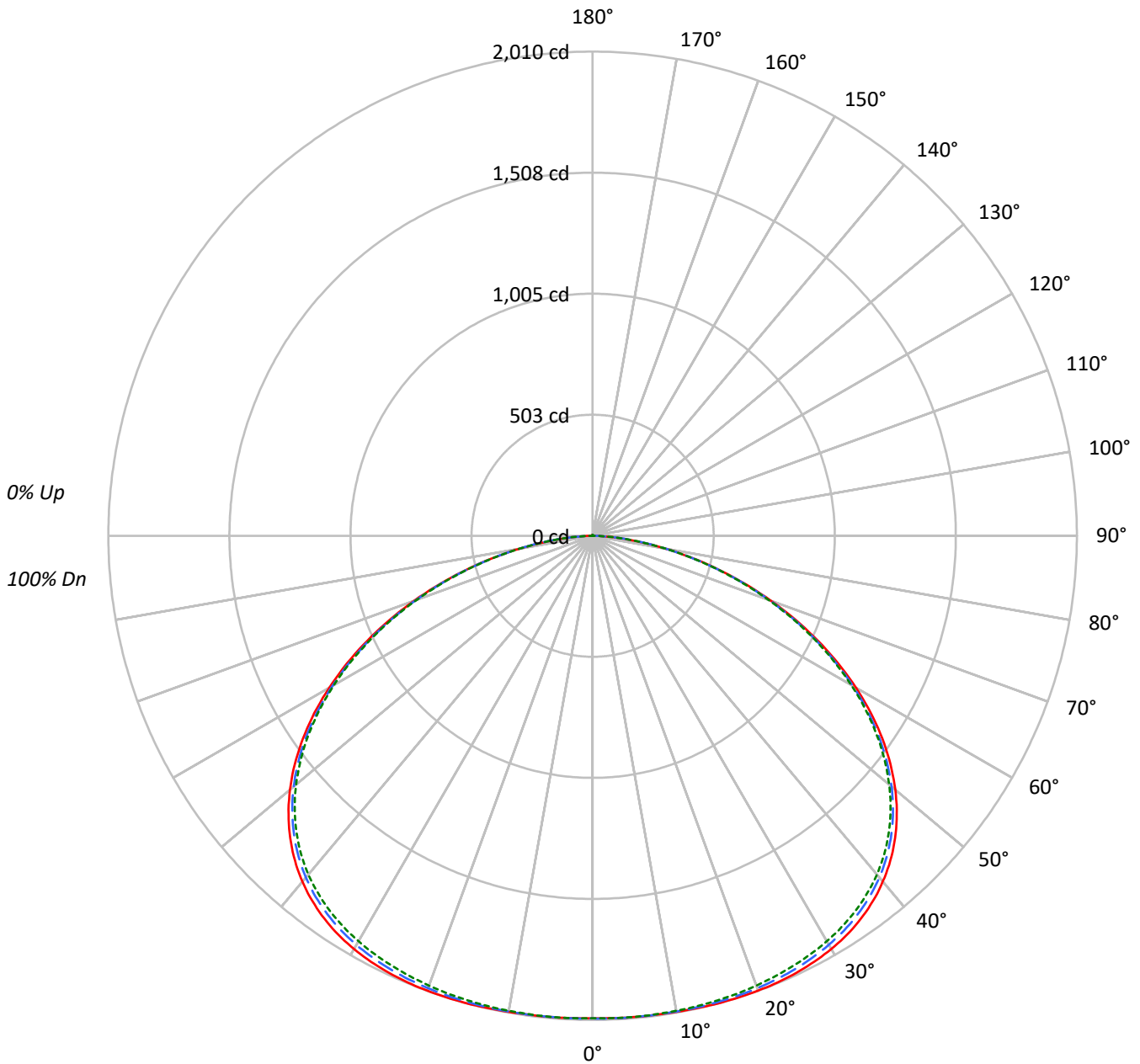
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7254.0 lumens
Efficiency: N/A
Efficacy: 114.4 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 (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°	1430	1430	1430
5°	1437	1437	1437
10°	1455	1454	1452
15°	1485	1481	1476
20°	1526	1518	1510
25°	1576	1564	1552
30°	1633	1616	1602
35°	1691	1672	1657
40°	1746	1725	1711
45°	1792	1770	1755
50°	1821	1799	1784
55°	1827	1804	1791
60°	1803	1780	1770
65°	1744	1724	1716
70°	1644	1627	1618
75°	1489	1480	1473
80°	1267	1271	1258
85°	944	967	966



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.4	2.6
10°-20°	567.8	7.8
20°-30°	917.9	12.7
30°-40°	1202.3	16.6
40°-50°	1352.3	18.6
50°-60°	1294.0	17.8
60°-70°	1009.2	13.9
70°-80°	568.8	7.8
80°-90°	140.7	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°	1677.1	23.1
0°-40°	2879.4	39.7
0°-60°	5525.7	76.2
0°-90°	7244.4	99.9
90°-120°	2.8	0.0
90°-150°	8.0	0.1
90°-180°	10.0	0.1
0°-180°	7254.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2003	2003	2003	2003	2003	
5°	2005	2006	2005	2005	2005	191
15°	2010	2009	2004	2000	1998	570
25°	2001	1998	1986	1974	1970	925
35°	1941	1934	1918	1907	1901	1215
45°	1775	1767	1753	1745	1738	1367
55°	1468	1460	1450	1443	1439	1308
65°	1032	1028	1021	1018	1016	1019
75°	540	540	536	536	534	572
85°	115	117	118	119	118	134
90°	1	1	1	1	1	5
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°	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°	2003.3	2003.3	2003.3	2003.3	2003.3
0.5°	2002.9	2004.3	2004.8	2004.3	2003.3
1°	2003.3	2004.3	2004.8	2004.8	2003.8
1.5°	2003.8	2004.8	2004.8	2004.8	2004.3
2°	2003.8	2004.8	2004.8	2005.3	2004.3
2.5°	2004.3	2005.3	2005.3	2005.3	2004.3
3°	2004.8	2005.3	2005.3	2005.3	2004.8
3.5°	2004.8	2005.3	2005.3	2005.3	2004.8
4°	2005.3	2005.3	2005.3	2005.3	2004.8
4.5°	2005.3	2005.8	2005.3	2005.3	2004.8
5°	2005.3	2005.8	2005.3	2005.3	2004.8
5.5°	2005.3	2005.8	2005.3	2005.3	2004.8
6°	2005.8	2005.8	2005.3	2005.3	2004.3
6.5°	2005.8	2006.3	2005.8	2005.3	2004.3
7°	2005.8	2006.3	2005.3	2005.3	2004.3
7.5°	2005.8	2006.3	2005.3	2004.8	2003.8
8°	2006.3	2006.3	2005.8	2004.8	2003.8
8.5°	2006.3	2006.8	2005.3	2004.8	2003.3
9°	2006.8	2006.8	2005.8	2004.3	2003.3
9.5°	2006.8	2007.3	2005.3	2004.3	2002.9
10°	2007.3	2007.3	2005.3	2003.8	2002.4
10.5°	2007.7	2007.7	2005.3	2003.8	2002.4
11°	2007.7	2007.7	2005.3	2003.3	2001.9
11.5°	2008.2	2008.2	2005.3	2002.9	2001.4
12°	2008.2	2008.2	2005.3	2002.9	2000.9
12.5°	2008.7	2008.2	2004.8	2002.4	2000.4
13°	2008.7	2008.2	2004.8	2001.9	1999.9
13.5°	2009.2	2008.7	2004.8	2001.4	1999.4
14°	2009.2	2008.7	2004.8	2000.9	1998.5
14.5°	2009.7	2008.7	2004.3	2000.4	1998.0
15°	2009.7	2009.2	2004.3	1999.9	1997.5
15.5°	2010.2	2009.2	2003.8	1998.9	1996.5
16°	2009.7	2009.2	2003.3	1998.5	1995.5
16.5°	2010.2	2009.2	2003.3	1997.5	1994.5
17°	2010.2	2008.7	2002.9	1996.5	1994.1
17.5°	2010.2	2008.7	2001.9	1996.0	1993.1
18°	2010.2	2008.7	2001.4	1995.0	1991.6
18.5°	2010.2	2008.2	2000.9	1994.1	1990.6
19°	2009.7	2008.2	2000.4	1993.1	1989.7
19.5°	2009.7	2007.7	1999.4	1991.6	1988.2
20°	2009.2	2007.3	1998.5	1990.6	1987.2
20.5°	2008.7	2006.8	1998.0	1989.7	1985.8
21°	2008.7	2006.3	1997.0	1988.2	1984.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2006.8	2003.8	1993.6	1983.8	1979.4
23°	2005.8	2002.9	1992.1	1982.3	1977.9
23.5°	2004.8	2001.9	1990.6	1980.4	1976.0
24°	2003.8	2000.9	1989.2	1978.4	1974.0
24.5°	2002.9	1999.4	1987.7	1976.5	1972.1
25°	2001.4	1998.0	1985.8	1974.5	1970.1
25.5°	1999.9	1996.5	1983.8	1972.6	1967.7
26°	1998.5	1995.0	1981.8	1970.6	1965.7
26.5°	1997.0	1993.1	1979.9	1968.2	1963.3
27°	1995.0	1991.1	1977.4	1965.7	1960.8
27.5°	1993.1	1989.2	1975.0	1963.3	1958.4
28°	1991.1	1986.7	1972.6	1960.8	1955.9
28.5°	1988.7	1984.3	1970.1	1957.9	1953.0
29°	1986.2	1981.8	1967.2	1955.0	1950.1
29.5°	1983.8	1978.9	1964.3	1952.0	1946.7
30°	1980.9	1976.0	1960.8	1948.6	1943.2
30.5°	1977.9	1973.0	1957.4	1945.2	1940.3
31°	1974.5	1969.6	1954.0	1941.8	1936.4
31.5°	1971.6	1966.2	1950.1	1938.4	1933.0
32°	1967.7	1962.3	1946.7	1934.4	1929.1
32.5°	1963.8	1958.4	1942.3	1930.1	1924.7
33°	1959.9	1954.0	1937.9	1926.1	1920.3
33.5°	1955.5	1949.6	1933.5	1921.7	1915.9
34°	1950.6	1944.7	1928.6	1916.9	1911.5
34.5°	1945.7	1939.8	1923.7	1912.0	1906.6
35°	1940.8	1934.4	1918.3	1906.6	1901.2
35.5°	1935.4	1929.1	1912.9	1901.2	1895.8
36°	1930.1	1923.2	1907.1	1895.8	1890.0
36.5°	1923.7	1917.3	1901.2	1890.0	1884.6
37°	1917.3	1911.0	1894.9	1883.6	1878.3
37.5°	1911.0	1904.2	1888.5	1877.3	1871.4
38°	1904.2	1897.8	1881.7	1870.9	1865.1
38.5°	1897.3	1890.5	1874.3	1863.6	1858.2
39°	1890.0	1882.7	1867.0	1856.8	1850.9
39.5°	1882.2	1874.8	1859.7	1848.9	1843.6
40°	1873.9	1867.0	1851.4	1841.1	1835.7
40.5°	1866.0	1858.7	1843.1	1833.3	1827.4
41°	1857.2	1849.9	1834.8	1824.5	1818.6
41.5°	1848.0	1840.6	1825.5	1815.7	1809.9
42°	1838.7	1831.3	1816.2	1806.9	1800.6
42.5°	1828.9	1821.6	1806.4	1797.1	1791.3
43°	1819.1	1811.3	1796.7	1787.4	1781.5
43.5°	1808.9	1801.1	1786.4	1777.1	1771.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1775.2	1767.3	1753.2	1744.9	1738.5
45.5°	1763.4	1755.1	1741.4	1733.1	1727.3
46°	1751.2	1742.9	1729.2	1720.9	1715.1
46.5°	1738.5	1730.2	1717.0	1708.7	1702.8
47°	1725.3	1717.5	1703.8	1696.5	1690.1
47.5°	1712.1	1703.8	1690.6	1683.3	1676.9
48°	1698.9	1690.1	1677.4	1669.6	1663.3
48.5°	1684.8	1676.5	1663.8	1656.4	1650.6
49°	1669.6	1661.8	1649.1	1641.3	1635.9
49.5°	1655.0	1647.1	1634.4	1627.1	1621.2
50°	1639.8	1631.5	1619.8	1612.4	1606.6
50.5°	1624.2	1615.9	1604.1	1596.8	1591.4
51°	1608.5	1600.2	1588.5	1581.2	1575.3
51.5°	1591.9	1583.6	1571.9	1565.1	1559.7
52°	1575.3	1567.0	1555.3	1548.9	1543.6
52.5°	1558.7	1550.4	1538.7	1531.8	1526.9
53°	1540.6	1532.8	1522.1	1515.7	1510.3
53.5°	1522.5	1514.7	1504.0	1497.6	1492.7
54°	1504.5	1496.6	1485.9	1479.5	1475.1
54.5°	1486.9	1478.6	1468.3	1462.0	1457.6
55°	1467.8	1460.0	1449.7	1443.4	1439.0
55.5°	1448.8	1440.9	1430.7	1424.3	1420.4
56°	1428.7	1421.4	1411.1	1405.8	1401.9
56.5°	1408.7	1401.9	1391.6	1386.2	1382.3
57°	1389.1	1381.8	1372.0	1367.2	1363.3
57.5°	1369.6	1361.8	1352.0	1347.1	1343.2
58°	1348.1	1340.8	1331.5	1326.6	1323.2
58.5°	1327.1	1320.3	1310.5	1306.1	1302.7
59°	1306.1	1299.2	1290.0	1285.6	1282.1
59.5°	1284.1	1277.7	1268.5	1264.1	1260.6
60°	1262.6	1255.8	1247.0	1243.1	1239.6
60.5°	1240.6	1234.7	1225.5	1221.6	1218.1
61°	1218.1	1212.3	1203.5	1199.6	1196.1
61.5°	1195.2	1190.3	1181.5	1177.6	1174.6
62°	1172.7	1167.8	1159.0	1155.6	1152.7
62.5°	1149.7	1144.8	1136.0	1132.6	1129.7
63°	1126.8	1121.9	1113.6	1110.1	1107.2
63.5°	1103.3	1098.4	1090.6	1087.2	1084.2
64°	1079.9	1075.0	1066.7	1064.2	1060.8
64.5°	1056.4	1051.5	1043.2	1040.8	1037.8
65°	1032.5	1028.5	1020.7	1017.8	1015.8
65.5°	1009.0	1004.1	996.8	994.3	991.4
66°	984.1	980.2	972.8	970.4	968.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	911.8	907.4	901.0	898.6	896.1
68°	886.8	882.9	876.6	874.6	872.2
68.5°	861.9	858.0	851.7	850.2	848.7
69°	837.0	833.1	827.7	826.3	824.3
69.5°	812.6	808.7	803.8	802.3	799.9
70°	787.7	784.2	779.3	777.9	775.4
70.5°	762.7	759.3	754.9	753.5	751.0
71°	737.8	734.9	731.0	729.0	726.6
71.5°	713.4	710.5	706.1	704.6	702.6
72°	688.5	686.0	681.6	680.6	678.2
72.5°	663.5	661.6	657.2	656.2	654.3
73°	638.6	636.7	632.3	631.3	629.8
73.5°	614.2	612.2	608.3	606.9	605.4
74°	589.8	588.3	584.4	583.4	581.5
74.5°	564.8	563.9	560.4	559.0	557.5
75°	539.9	539.9	536.5	535.5	534.1
75.5°	516.0	516.0	512.6	511.6	510.1
76°	492.0	492.0	488.6	487.7	485.7
76.5°	467.9	468.0	465.2	464.1	462.5
77°	444.7	444.9	442.3	441.0	439.4
77.5°	419.9	421.1	418.9	417.8	416.2
78°	396.8	398.3	396.1	395.1	393.8
78.5°	375.0	375.9	374.5	373.4	371.5
79°	352.2	352.9	352.0	351.0	349.2
79.5°	329.7	330.9	330.3	329.4	327.3
80°	308.2	309.1	309.2	307.9	305.9
80.5°	285.5	287.3	287.6	286.3	285.3
81°	264.5	266.2	266.7	266.0	264.6
81.5°	243.9	245.9	246.4	245.9	244.2
82°	223.3	225.7	226.4	226.1	224.1
82.5°	203.5	206.2	207.0	206.7	204.9
83°	184.4	187.3	188.1	188.3	186.7
83.5°	165.8	168.7	169.6	169.9	168.1
84°	148.1	150.6	151.8	152.3	150.7
84.5°	131.1	133.2	134.6	135.3	134.5
85°	115.2	116.7	118.0	118.9	117.9
85.5°	99.8	100.9	101.9	103.3	102.5
86°	85.4	86.6	87.3	88.3	88.3
86.5°	71.7	72.3	72.8	74.1	74.1
87°	58.6	58.7	58.9	60.5	60.5
87.5°	45.2	45.6	45.8	47.2	47.7
88°	31.9	33.0	33.3	34.6	34.5
88.5°	22.6	22.6	22.5	23.8	24.1



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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-80-L940-CFR2

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°	2.1	2.1	2.1	2.1	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°	2.5	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	2.5	2.4	2.5
124°	2.6	2.6	2.6	2.5	2.5
124.5°	2.7	2.6	2.6	2.5	2.5
125°	2.8	2.7	2.7	2.6	2.6
125.5°	2.8	2.8	2.7	2.6	2.7
126°	2.8	2.7	2.7	2.7	2.6
126.5°	2.7	2.8	2.8	2.7	2.7
127°	2.8	2.8	2.7	2.7	2.6
127.5°	2.9	2.9	2.8	2.7	2.6
128°	2.9	2.8	2.8	2.7	2.7
128.5°	2.8	2.8	2.7	2.6	2.7
129°	2.8	2.8	2.7	2.7	2.6
129.5°	2.7	2.8	2.7	2.7	2.7
130°	2.7	2.8	2.7	2.6	2.6
130.5°	2.8	2.7	2.7	2.5	2.6
131°	2.7	2.7	2.7	2.5	2.6
131.5°	2.7	2.6	2.5	2.5	2.5
132°	2.7	2.6	2.6	2.5	2.5
132.5°	2.7	2.6	2.5	2.5	2.5
133°	2.6	2.5	2.5	2.3	2.4
133.5°	2.6	2.5	2.4	2.3	2.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L940-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	2.1	2.0	2.1
138.5°	2.3	2.1	2.1	2.0	2.1
139°	2.0	2.1	2.1	1.9	2.1
139.5°	2.1	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-80-L940-CFR2

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	2.1	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	2.1
171.5°	2.0	2.0	2.0	2.2	2.1
172°	2.0	2.0	2.1	2.2	2.1
172.5°	2.1	2.1	2.1	2.2	2.1
173°	2.0	2.0	2.1	2.2	2.1
173.5°	2.1	2.1	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	2.1	2.1	2.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L940-CFR2

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°	2008.2	2005.8	1996.0	1986.7	1982.8
22°	2007.3	2004.8	1994.5	1985.3	1981.4



44°	1797.6	1790.3	1775.6	1766.9	1761.0
44.5°	1786.4	1778.6	1764.9	1755.6	1749.8



66.5°	960.1	956.2	948.9	946.5	944.0
67°	936.2	931.8	925.0	922.5	920.6



89°	14.3	14.0	13.9	14.6	14.8
89.5°	6.3	6.4	6.3	6.7	6.6



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	2.4	2.4	2.3	2.5
134.5°	2.5	2.4	2.4	2.2	2.3



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)