

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-90-L940-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-90-L940-CFD2
Description: 9000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 4000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

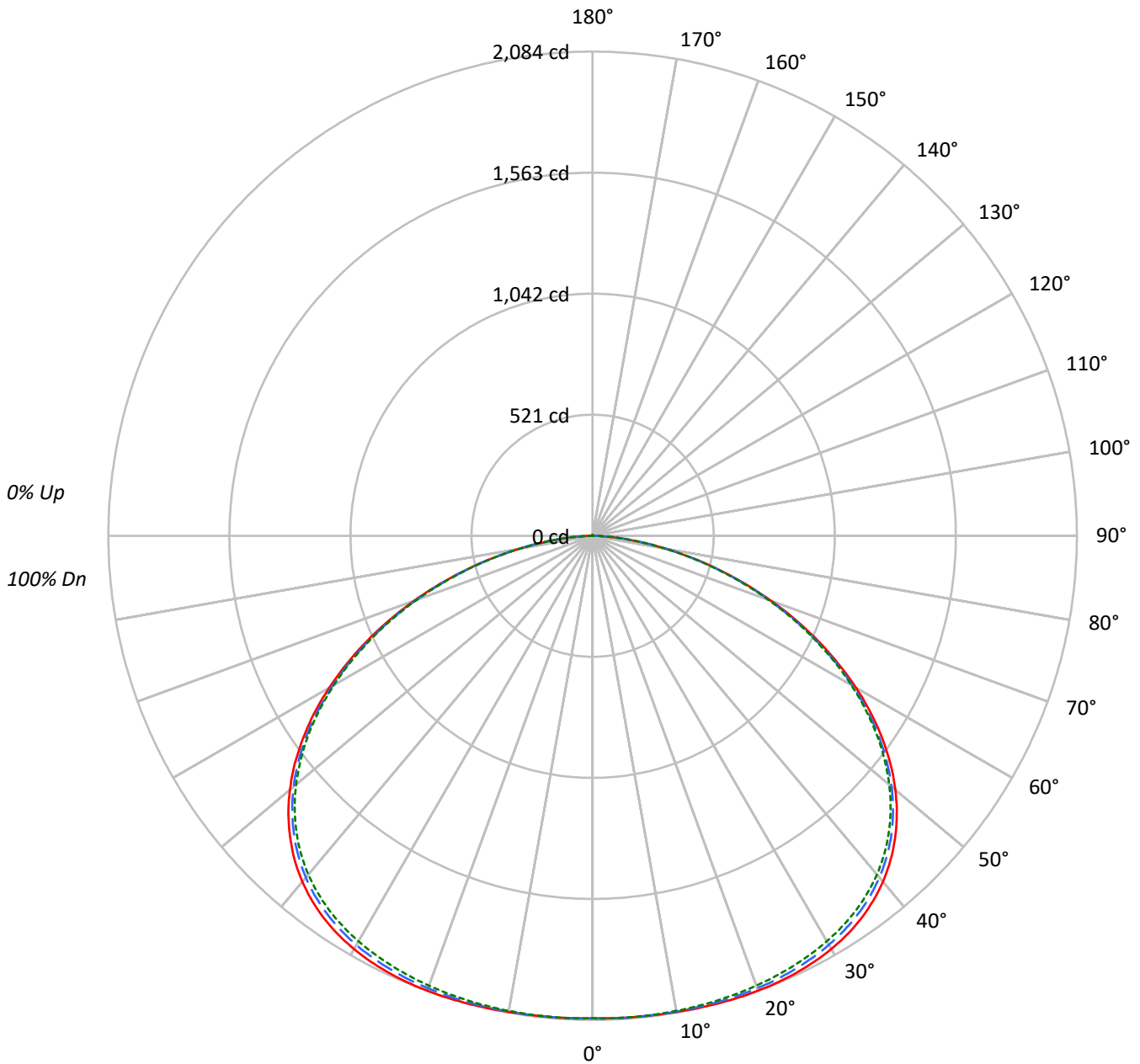
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7522.0 lumens
Efficiency: N/A
Efficacy: 108.4 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): 69.4
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°	1483	1483	1483
5°	1485	1482	1484
10°	1497	1491	1494
15°	1523	1512	1513
20°	1558	1540	1541
25°	1603	1577	1578
30°	1652	1619	1621
35°	1703	1663	1668
40°	1748	1702	1712
45°	1782	1730	1745
50°	1797	1740	1760
55°	1785	1722	1750
60°	1740	1671	1708
65°	1656	1582	1629
70°	1525	1446	1501
75°	1331	1251	1317
80°	1057	981	1049
85°	657	592	672



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	198.5	2.6
10°-20°	588.8	7.8
20°-30°	951.8	12.7
30°-40°	1246.7	16.6
40°-50°	1402.3	18.6
50°-60°	1341.8	17.8
60°-70°	1046.5	13.9
70°-80°	589.8	7.8
80°-90°	145.9	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°	1739.1	23.1
0°-40°	2985.7	39.7
0°-60°	5729.8	76.2
0°-90°	7512.1	99.9
90°-120°	2.9	0.0
90°-150°	8.3	0.1
90°-180°	10.0	0.1
0°-180°	7522.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2077	2077	2077	2077	2077	
5°	2079	2080	2079	2079	2079	199
15°	2084	2083	2078	2074	2071	591
25°	2075	2072	2059	2048	2043	959
35°	2012	2006	1989	1977	1972	1260
45°	1841	1833	1818	1809	1803	1418
55°	1522	1514	1503	1497	1492	1357
65°	1071	1066	1058	1055	1053	1057
75°	560	560	556	555	554	593
85°	120	121	122	123	122	139
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	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2077.4	2077.4	2077.4	2077.4	2077.4
0.5°	2076.9	2078.4	2078.9	2078.4	2077.4
1°	2077.4	2078.4	2078.9	2078.9	2077.9
1.5°	2077.9	2078.9	2078.9	2078.9	2078.4
2°	2077.9	2078.9	2078.9	2079.4	2078.4
2.5°	2078.4	2079.4	2079.4	2079.4	2078.4
3°	2078.9	2079.4	2079.4	2079.4	2078.9
3.5°	2078.9	2079.4	2079.4	2079.4	2078.9
4°	2079.4	2079.4	2079.4	2079.4	2078.9
4.5°	2079.4	2079.9	2079.4	2079.4	2078.9
5°	2079.4	2079.9	2079.4	2079.4	2078.9
5.5°	2079.4	2079.9	2079.4	2079.4	2078.9
6°	2079.9	2079.9	2079.4	2079.4	2078.4
6.5°	2079.9	2080.4	2079.9	2079.4	2078.4
7°	2079.9	2080.4	2079.4	2079.4	2078.4
7.5°	2079.9	2080.4	2079.4	2078.9	2077.9
8°	2080.4	2080.4	2079.9	2078.9	2077.9
8.5°	2080.4	2080.9	2079.4	2078.9	2077.4
9°	2080.9	2080.9	2079.9	2078.4	2077.4
9.5°	2080.9	2081.4	2079.4	2078.4	2076.9
10°	2081.4	2081.4	2079.4	2077.9	2076.3
10.5°	2081.9	2081.9	2079.4	2077.9	2076.3
11°	2081.9	2081.9	2079.4	2077.4	2075.8
11.5°	2082.4	2082.4	2079.4	2076.9	2075.3
12°	2082.4	2082.4	2079.4	2076.9	2074.8
12.5°	2082.9	2082.4	2078.9	2076.3	2074.3
13°	2082.9	2082.4	2078.9	2075.8	2073.8
13.5°	2083.4	2082.9	2078.9	2075.3	2073.3
14°	2083.4	2082.9	2078.9	2074.8	2072.3
14.5°	2083.9	2082.9	2078.4	2074.3	2071.8
15°	2083.9	2083.4	2078.4	2073.8	2071.3
15.5°	2084.5	2083.4	2077.9	2072.8	2070.3
16°	2083.9	2083.4	2077.4	2072.3	2069.3
16.5°	2084.5	2083.4	2077.4	2071.3	2068.2
17°	2084.5	2082.9	2076.9	2070.3	2067.7
17.5°	2084.5	2082.9	2075.8	2069.8	2066.7
18°	2084.5	2082.9	2075.3	2068.7	2065.2
18.5°	2084.5	2082.4	2074.8	2067.7	2064.2
19°	2083.9	2082.4	2074.3	2066.7	2063.2
19.5°	2083.9	2081.9	2073.3	2065.2	2061.7
20°	2083.4	2081.4	2072.3	2064.2	2060.6
20.5°	2082.9	2080.9	2071.8	2063.2	2059.1
21°	2082.9	2080.4	2070.8	2061.7	2057.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2080.9	2077.9	2067.2	2057.1	2052.5
23°	2079.9	2076.9	2065.7	2055.6	2051.0
23.5°	2078.9	2075.8	2064.2	2053.5	2049.0
24°	2077.9	2074.8	2062.7	2051.5	2047.0
24.5°	2076.9	2073.3	2061.1	2049.5	2044.9
25°	2075.3	2071.8	2059.1	2047.5	2042.9
25.5°	2073.8	2070.3	2057.1	2045.4	2040.4
26°	2072.3	2068.7	2055.1	2043.4	2038.3
26.5°	2070.8	2066.7	2053.0	2040.9	2035.8
27°	2068.7	2064.7	2050.5	2038.3	2033.3
27.5°	2066.7	2062.7	2048.0	2035.8	2030.7
28°	2064.7	2060.1	2045.4	2033.3	2028.2
28.5°	2062.2	2057.6	2042.9	2030.2	2025.2
29°	2059.6	2055.1	2039.9	2027.2	2022.1
29.5°	2057.1	2052.0	2036.8	2024.2	2018.6
30°	2054.1	2049.0	2033.3	2020.6	2015.0
30.5°	2051.0	2045.9	2029.7	2017.1	2012.0
31°	2047.5	2042.4	2026.2	2013.5	2007.9
31.5°	2044.4	2038.9	2022.1	2010.0	2004.4
32°	2040.4	2034.8	2018.6	2005.9	2000.3
32.5°	2036.3	2030.7	2014.0	2001.4	1995.8
33°	2032.3	2026.2	2009.5	1997.3	1991.2
33.5°	2027.7	2021.6	2004.9	1992.7	1986.7
34°	2022.6	2016.6	1999.8	1987.7	1982.1
34.5°	2017.6	2011.5	1994.8	1982.6	1977.0
35°	2012.5	2005.9	1989.2	1977.0	1971.5
35.5°	2006.9	2000.3	1983.6	1971.5	1965.9
36°	2001.4	1994.3	1977.5	1965.9	1959.8
36.5°	1994.8	1988.2	1971.5	1959.8	1954.2
37°	1988.2	1981.6	1964.9	1953.2	1947.6
37.5°	1981.6	1974.5	1958.3	1946.6	1940.6
38°	1974.5	1967.9	1951.2	1940.0	1934.0
38.5°	1967.4	1960.3	1943.6	1932.4	1926.9
39°	1959.8	1952.2	1936.0	1925.4	1919.3
39.5°	1951.7	1944.1	1928.4	1917.2	1911.7
40°	1943.1	1936.0	1919.8	1909.1	1903.6
40.5°	1935.0	1927.4	1911.2	1901.0	1895.0
41°	1925.9	1918.3	1902.6	1891.9	1885.8
41.5°	1916.2	1908.6	1892.9	1882.8	1876.7
42°	1906.6	1899.0	1883.3	1873.7	1867.1
42.5°	1896.5	1888.9	1873.2	1863.5	1857.5
43°	1886.3	1878.2	1863.0	1853.4	1847.3
43.5°	1875.7	1867.6	1852.4	1842.8	1836.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1840.7	1832.6	1817.9	1809.3	1802.7
45.5°	1828.6	1820.0	1805.8	1797.2	1791.1
46°	1815.9	1807.3	1793.1	1784.5	1778.4
46.5°	1802.7	1794.1	1780.4	1771.8	1765.8
47°	1789.1	1781.0	1766.8	1759.2	1752.6
47.5°	1775.4	1766.8	1753.1	1745.5	1738.9
48°	1761.7	1752.6	1739.4	1731.3	1724.7
48.5°	1747.0	1738.4	1725.2	1717.6	1711.5
49°	1731.3	1723.2	1710.0	1701.9	1696.3
49.5°	1716.1	1708.0	1694.8	1687.2	1681.1
50°	1700.4	1691.8	1679.6	1672.0	1665.9
50.5°	1684.2	1675.6	1663.4	1655.8	1650.2
51°	1668.0	1659.4	1647.2	1639.6	1633.5
51.5°	1650.7	1642.1	1630.0	1622.9	1617.3
52°	1633.5	1624.9	1612.7	1606.2	1600.6
52.5°	1616.3	1607.7	1595.5	1588.4	1583.4
53°	1597.5	1589.4	1578.3	1571.7	1566.1
53.5°	1578.8	1570.7	1559.5	1553.0	1547.9
54°	1560.0	1551.9	1540.8	1534.2	1529.6
54.5°	1541.8	1533.2	1522.6	1516.0	1511.4
55°	1522.0	1513.9	1503.3	1496.7	1492.2
55.5°	1502.3	1494.2	1483.5	1477.0	1472.9
56°	1481.5	1473.9	1463.3	1457.7	1453.6
56.5°	1460.7	1453.6	1443.0	1437.4	1433.4
57°	1440.5	1432.9	1422.7	1417.7	1413.6
57.5°	1420.2	1412.1	1402.0	1396.9	1392.8
58°	1397.9	1390.3	1380.7	1375.6	1372.1
58.5°	1376.1	1369.0	1358.9	1354.3	1350.8
59°	1354.3	1347.2	1337.6	1333.1	1329.5
59.5°	1331.5	1324.9	1315.3	1310.8	1307.2
60°	1309.2	1302.1	1293.0	1289.0	1285.4
60.5°	1286.4	1280.4	1270.7	1266.7	1263.1
61°	1263.1	1257.1	1247.9	1243.9	1240.3
61.5°	1239.3	1234.3	1225.1	1221.1	1218.0
62°	1216.0	1210.9	1201.8	1198.3	1195.2
62.5°	1192.2	1187.1	1178.0	1174.5	1171.4
63°	1168.4	1163.3	1154.7	1151.2	1148.1
63.5°	1144.1	1139.0	1130.9	1127.3	1124.3
64°	1119.7	1114.7	1106.1	1103.5	1100.0
64.5°	1095.4	1090.4	1081.7	1079.2	1076.2
65°	1070.6	1066.5	1058.4	1055.4	1053.4
65.5°	1046.3	1041.2	1033.6	1031.1	1028.0
66°	1020.4	1016.4	1008.8	1006.3	1004.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	945.5	940.9	934.3	931.8	929.2
68°	919.6	915.6	909.0	906.9	904.4
68.5°	893.8	889.7	883.1	881.6	880.1
69°	867.9	863.9	858.3	856.8	854.8
69.5°	842.6	838.5	833.5	832.0	829.4
70°	816.8	813.2	808.1	806.6	804.1
70.5°	790.9	787.4	782.8	781.3	778.8
71°	765.1	762.0	758.0	756.0	753.4
71.5°	739.7	736.7	732.1	730.6	728.6
72°	713.9	711.4	706.8	705.8	703.3
72.5°	688.1	686.0	681.5	680.5	678.4
73°	662.2	660.2	655.6	654.6	653.1
73.5°	636.9	634.9	630.8	629.3	627.8
74°	611.6	610.0	606.0	605.0	602.9
74.5°	585.7	584.7	581.2	579.6	578.1
75°	559.9	559.9	556.3	555.3	553.8
75.5°	535.0	535.0	531.5	530.5	529.0
76°	510.2	510.2	506.7	505.7	503.7
76.5°	485.1	485.3	482.4	481.3	479.6
77°	461.1	461.3	458.6	457.3	455.6
77.5°	435.4	436.7	434.4	433.2	431.5
78°	411.5	413.0	410.7	409.7	408.3
78.5°	388.9	389.8	388.4	387.2	385.2
79°	365.2	366.0	365.0	364.0	362.1
79.5°	341.9	343.2	342.5	341.6	339.4
80°	319.6	320.5	320.6	319.3	317.2
80.5°	296.0	297.9	298.2	296.9	295.8
81°	274.3	276.1	276.6	275.8	274.4
81.5°	252.9	255.0	255.5	255.0	253.2
82°	231.5	234.0	234.8	234.4	232.4
82.5°	211.0	213.9	214.7	214.4	212.5
83°	191.2	194.3	195.0	195.3	193.5
83.5°	172.0	174.9	175.9	176.2	174.3
84°	153.5	156.2	157.4	157.9	156.3
84.5°	136.0	138.1	139.6	140.2	139.5
85°	119.5	121.0	122.4	123.3	122.2
85.5°	103.5	104.7	105.7	107.1	106.2
86°	88.6	89.8	90.5	91.6	91.6
86.5°	74.4	74.9	75.5	76.8	76.8
87°	60.8	60.9	61.1	62.7	62.8
87.5°	46.9	47.3	47.5	49.0	49.5
88°	33.1	34.3	34.6	35.9	35.8
88.5°	23.4	23.4	23.4	24.7	25.0



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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-90-L940-CFD2

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-90-L940-CFD2

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-90-L940-CFD2

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-90-L940-CFD2

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°	2082.4	2079.9	2069.8	2060.1	2056.1
22°	2081.4	2078.9	2068.2	2058.6	2054.6



44°	1864.0	1856.4	1841.2	1832.1	1826.0
44.5°	1852.4	1844.3	1830.1	1820.5	1814.4



66.5°	995.6	991.6	984.0	981.4	978.9
67°	970.8	966.2	959.1	956.6	954.6



89°	14.8	14.5	14.4	15.1	15.4
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)