

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-L950-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-L950-CFR2
Description: 8000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 5000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

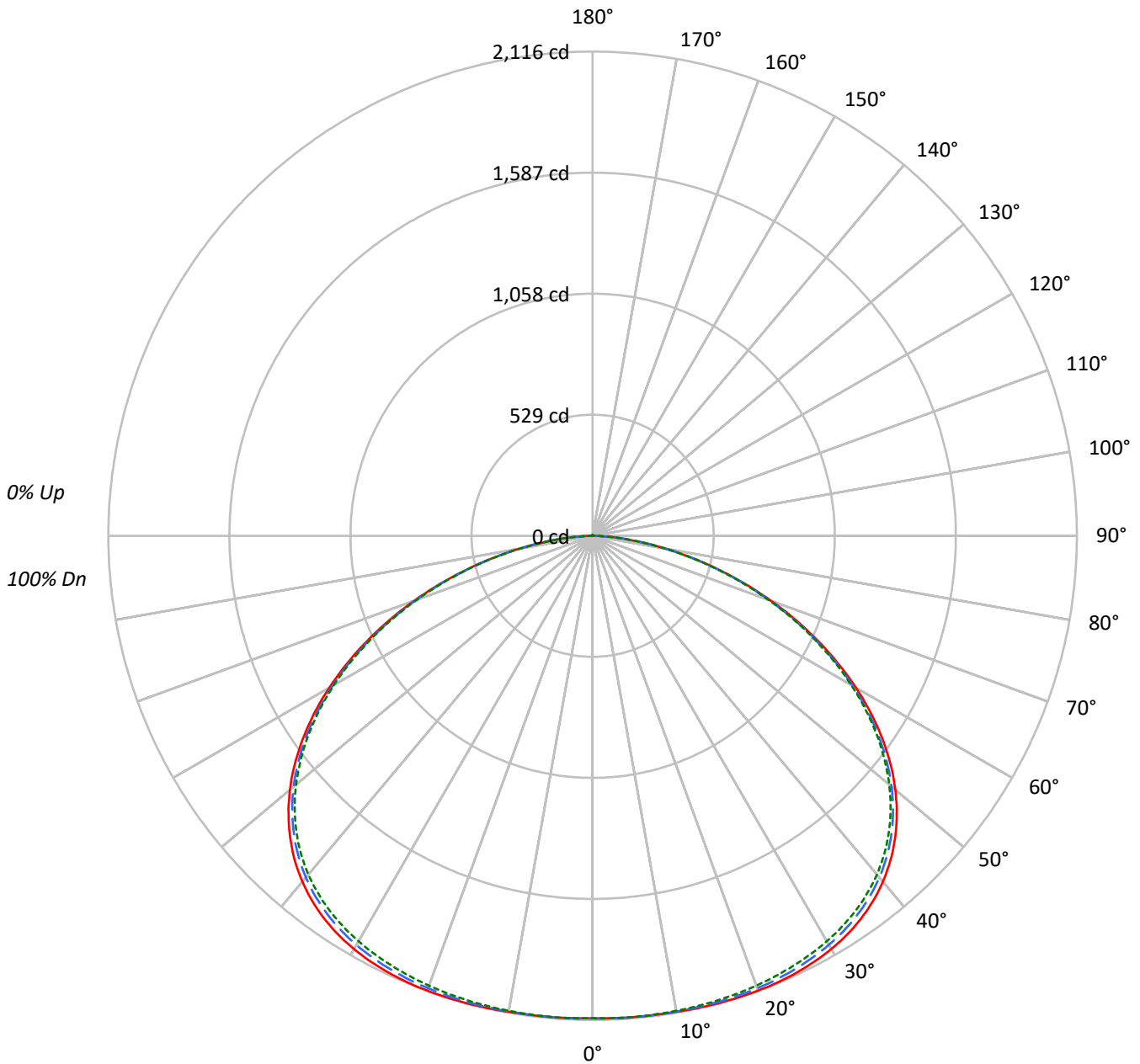
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7637.0 lumens
Efficiency: N/A
Efficacy: 120.5 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): 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									
RC	80									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°	1506	1506	1506
5°	1513	1513	1513
10°	1532	1530	1528
15°	1564	1560	1554
20°	1607	1598	1589
25°	1660	1647	1634
30°	1719	1702	1686
35°	1781	1760	1744
40°	1839	1816	1801
45°	1887	1863	1848
50°	1917	1894	1879
55°	1923	1900	1886
60°	1898	1874	1863
65°	1836	1815	1807
70°	1731	1713	1704
75°	1568	1558	1551
80°	1334	1338	1324
85°	994	1017	1017



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.5	2.6
10°-20°	597.8	7.8
20°-30°	966.4	12.7
30°-40°	1265.7	16.6
40°-50°	1423.7	18.6
50°-60°	1362.3	17.8
60°-70°	1062.5	13.9
70°-80°	598.8	7.8
80°-90°	148.2	1.9
90°-100°	0.5	0.0
100°-110°	0.9	0.0
110°-120°	1.6	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°	0.6	0.0
170°-180°	0.2	0.0
0°-30°	1765.7	23.1
0°-40°	3031.4	39.7
0°-60°	5817.4	76.2
0°-90°	7626.9	99.9
90°-120°	2.9	0.0
90°-150°	8.5	0.1
90°-180°	10.0	0.1
0°-180°	7637.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2109	2109	2109	2109	2109	
5°	2111	2112	2111	2111	2111	202
15°	2116	2115	2110	2106	2103	600
25°	2107	2104	2091	2079	2074	974
35°	2043	2037	2020	2007	2002	1279
45°	1869	1861	1846	1837	1830	1440
55°	1545	1537	1526	1520	1515	1377
65°	1087	1083	1075	1072	1070	1073
75°	568	568	565	564	562	602
85°	121	123	124	125	124	141
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	3	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°	2109.1	2109.1	2109.1	2109.1	2109.1
0.5°	2108.6	2110.1	2110.7	2110.1	2109.1
1°	2109.1	2110.1	2110.7	2110.7	2109.6
1.5°	2109.6	2110.7	2110.7	2110.7	2110.1
2°	2109.6	2110.7	2110.7	2111.2	2110.1
2.5°	2110.1	2111.2	2111.2	2111.2	2110.1
3°	2110.7	2111.2	2111.2	2111.2	2110.7
3.5°	2110.7	2111.2	2111.2	2111.2	2110.7
4°	2111.2	2111.2	2111.2	2111.2	2110.7
4.5°	2111.2	2111.7	2111.2	2111.2	2110.7
5°	2111.2	2111.7	2111.2	2111.2	2110.7
5.5°	2111.2	2111.7	2111.2	2111.2	2110.7
6°	2111.7	2111.7	2111.2	2111.2	2110.1
6.5°	2111.7	2112.2	2111.7	2111.2	2110.1
7°	2111.7	2112.2	2111.2	2111.2	2110.1
7.5°	2111.7	2112.2	2111.2	2110.7	2109.6
8°	2112.2	2112.2	2111.7	2110.7	2109.6
8.5°	2112.2	2112.7	2111.2	2110.7	2109.1
9°	2112.7	2112.7	2111.7	2110.1	2109.1
9.5°	2112.7	2113.2	2111.2	2110.1	2108.6
10°	2113.2	2113.2	2111.2	2109.6	2108.1
10.5°	2113.7	2113.7	2111.2	2109.6	2108.1
11°	2113.7	2113.7	2111.2	2109.1	2107.6
11.5°	2114.3	2114.3	2111.2	2108.6	2107.1
12°	2114.3	2114.3	2111.2	2108.6	2106.5
12.5°	2114.8	2114.3	2110.7	2108.1	2106.0
13°	2114.8	2114.3	2110.7	2107.6	2105.5
13.5°	2115.3	2114.8	2110.7	2107.1	2105.0
14°	2115.3	2114.8	2110.7	2106.5	2104.0
14.5°	2115.8	2114.8	2110.1	2106.0	2103.5
15°	2115.8	2115.3	2110.1	2105.5	2102.9
15.5°	2116.3	2115.3	2109.6	2104.5	2101.9
16°	2115.8	2115.3	2109.1	2104.0	2100.9
16.5°	2116.3	2115.3	2109.1	2102.9	2099.9
17°	2116.3	2114.8	2108.6	2101.9	2099.3
17.5°	2116.3	2114.8	2107.6	2101.4	2098.3
18°	2116.3	2114.8	2107.1	2100.4	2096.8
18.5°	2116.3	2114.3	2106.5	2099.3	2095.7
19°	2115.8	2114.3	2106.0	2098.3	2094.7
19.5°	2115.8	2113.7	2105.0	2096.8	2093.2
20°	2115.3	2113.2	2104.0	2095.7	2092.1
20.5°	2114.8	2112.7	2103.5	2094.7	2090.6
21°	2114.8	2112.2	2102.4	2093.2	2089.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2112.7	2109.6	2098.8	2088.5	2083.9
23°	2111.7	2108.6	2097.3	2087.0	2082.4
23.5°	2110.7	2107.6	2095.7	2084.9	2080.3
24°	2109.6	2106.5	2094.2	2082.9	2078.3
24.5°	2108.6	2105.0	2092.7	2080.8	2076.2
25°	2107.1	2103.5	2090.6	2078.8	2074.1
25.5°	2105.5	2101.9	2088.5	2076.7	2071.6
26°	2104.0	2100.4	2086.5	2074.7	2069.5
26.5°	2102.4	2098.3	2084.4	2072.1	2066.9
27°	2100.4	2096.3	2081.9	2069.5	2064.4
27.5°	2098.3	2094.2	2079.3	2066.9	2061.8
28°	2096.3	2091.6	2076.7	2064.4	2059.2
28.5°	2093.7	2089.1	2074.1	2061.3	2056.1
29°	2091.1	2086.5	2071.1	2058.2	2053.0
29.5°	2088.5	2083.4	2068.0	2055.1	2049.4
30°	2085.5	2080.3	2064.4	2051.5	2045.8
30.5°	2082.4	2077.2	2060.8	2047.9	2042.8
31°	2078.8	2073.6	2057.2	2044.3	2038.6
31.5°	2075.7	2070.0	2053.0	2040.7	2035.0
32°	2071.6	2065.9	2049.4	2036.6	2030.9
32.5°	2067.4	2061.8	2044.8	2032.0	2026.3
33°	2063.3	2057.2	2040.2	2027.8	2021.7
33.5°	2058.7	2052.5	2035.6	2023.2	2017.0
34°	2053.6	2047.4	2030.4	2018.1	2012.4
34.5°	2048.4	2042.2	2025.3	2012.9	2007.3
35°	2043.3	2036.6	2019.6	2007.3	2001.6
35.5°	2037.6	2030.9	2014.0	2001.6	1995.9
36°	2032.0	2024.8	2007.8	1995.9	1989.8
36.5°	2025.3	2018.6	2001.6	1989.8	1984.1
37°	2018.6	2011.9	1994.9	1983.1	1977.4
37.5°	2011.9	2004.7	1988.2	1976.4	1970.2
38°	2004.7	1998.0	1981.0	1969.7	1963.5
38.5°	1997.5	1990.3	1973.3	1962.0	1956.3
39°	1989.8	1982.1	1965.6	1954.8	1948.6
39.5°	1981.5	1973.8	1957.9	1946.6	1940.9
40°	1972.8	1965.6	1949.1	1938.3	1932.7
40.5°	1964.6	1956.8	1940.4	1930.1	1923.9
41°	1955.3	1947.6	1931.6	1920.8	1914.7
41.5°	1945.5	1937.8	1921.9	1911.6	1905.4
42°	1935.8	1928.0	1912.1	1902.3	1895.6
42.5°	1925.5	1917.8	1901.8	1892.0	1885.9
43°	1915.2	1907.0	1891.5	1881.7	1875.6
43.5°	1904.4	1896.1	1880.7	1870.9	1864.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1868.9	1860.7	1845.7	1837.0	1830.3
45.5°	1856.5	1847.8	1833.4	1824.6	1818.5
46°	1843.7	1834.9	1820.5	1811.8	1805.6
46.5°	1830.3	1821.6	1807.7	1798.9	1792.7
47°	1816.4	1808.2	1793.8	1786.1	1779.4
47.5°	1802.5	1793.8	1779.9	1772.2	1765.5
48°	1788.6	1779.4	1766.0	1757.8	1751.1
48.5°	1773.7	1765.0	1751.6	1743.9	1737.7
49°	1757.8	1749.5	1736.2	1727.9	1722.3
49.5°	1742.3	1734.1	1720.7	1713.0	1706.8
50°	1726.4	1717.6	1705.3	1697.6	1691.4
50.5°	1709.9	1701.2	1688.8	1681.1	1675.5
51°	1693.5	1684.7	1672.4	1664.7	1658.5
51.5°	1676.0	1667.2	1654.9	1647.7	1642.0
52°	1658.5	1649.7	1637.4	1630.7	1625.0
52.5°	1641.0	1632.3	1619.9	1612.7	1607.6
53°	1622.0	1613.7	1602.4	1595.7	1590.1
53.5°	1602.9	1594.7	1583.4	1576.7	1571.5
54°	1583.9	1575.7	1564.3	1557.7	1553.0
54.5°	1565.4	1556.6	1545.8	1539.1	1534.5
55°	1545.3	1537.1	1526.3	1519.6	1515.0
55.5°	1525.3	1517.0	1506.2	1499.5	1495.4
56°	1504.2	1496.4	1485.6	1480.0	1475.9
56.5°	1483.1	1475.9	1465.1	1459.4	1455.3
57°	1462.5	1454.8	1444.5	1439.3	1435.2
57.5°	1441.9	1433.7	1423.4	1418.3	1414.1
58°	1419.3	1411.6	1401.8	1396.6	1393.0
58.5°	1397.2	1390.0	1379.7	1375.0	1371.4
59°	1375.0	1367.8	1358.1	1353.4	1349.8
59.5°	1351.9	1345.2	1335.4	1330.8	1327.2
60°	1329.3	1322.1	1312.8	1308.7	1305.1
60.5°	1306.1	1299.9	1290.2	1286.0	1282.4
61°	1282.4	1276.3	1267.0	1262.9	1259.3
61.5°	1258.3	1253.1	1243.9	1239.7	1236.7
62°	1234.6	1229.5	1220.2	1216.6	1213.5
62.5°	1210.4	1205.3	1196.0	1192.4	1189.3
63°	1186.3	1181.1	1172.4	1168.8	1165.7
63.5°	1161.6	1156.4	1148.2	1144.6	1141.5
64°	1136.9	1131.7	1123.0	1120.4	1116.8
64.5°	1112.2	1107.0	1098.3	1095.7	1092.6
65°	1087.0	1082.9	1074.6	1071.5	1069.5
65.5°	1062.3	1057.1	1049.4	1046.8	1043.8
66°	1036.0	1031.9	1024.2	1021.6	1019.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	959.9	955.3	948.6	946.0	943.4
68°	933.7	929.6	922.9	920.8	918.2
68.5°	907.4	903.3	896.6	895.1	893.5
69°	881.2	877.1	871.4	869.9	867.8
69.5°	855.5	851.4	846.2	844.7	842.1
70°	829.2	825.6	820.5	819.0	816.4
70.5°	803.0	799.4	794.8	793.2	790.7
71°	776.8	773.7	769.6	767.5	764.9
71.5°	751.1	748.0	743.3	741.8	739.7
72°	724.8	722.2	717.6	716.6	714.0
72.5°	698.6	696.5	691.9	690.9	688.8
73°	672.3	670.3	665.7	664.6	663.1
73.5°	646.6	644.6	640.5	638.9	637.4
74°	620.9	619.4	615.2	614.2	612.2
74.5°	594.7	593.6	590.0	588.5	587.0
75°	568.4	568.4	564.8	563.8	562.3
75.5°	543.2	543.2	539.6	538.6	537.1
76°	518.0	518.0	514.4	513.4	511.4
76.5°	492.6	492.8	489.7	488.6	486.9
77°	468.2	468.4	465.7	464.3	462.6
77.5°	442.1	443.3	441.1	439.8	438.1
78°	417.8	419.3	417.0	416.0	414.6
78.5°	394.8	395.8	394.3	393.1	391.1
79°	370.8	371.6	370.6	369.6	367.6
79.5°	347.1	348.4	347.7	346.8	344.6
80°	324.4	325.4	325.5	324.1	322.0
80.5°	300.6	302.5	302.8	301.4	300.3
81°	278.5	280.3	280.8	280.0	278.6
81.5°	256.8	258.9	259.4	258.9	257.1
82°	235.0	237.6	238.4	238.0	236.0
82.5°	214.3	217.1	218.0	217.7	215.7
83°	194.1	197.2	198.0	198.3	196.5
83.5°	174.6	177.6	178.6	178.9	177.0
84°	155.9	158.5	159.8	160.3	158.7
84.5°	138.1	140.2	141.7	142.4	141.6
85°	121.3	122.8	124.2	125.2	124.1
85.5°	105.0	106.3	107.3	108.7	107.9
86°	89.9	91.2	91.9	93.0	93.0
86.5°	75.5	76.1	76.6	78.0	78.0
87°	61.7	61.8	62.0	63.7	63.7
87.5°	47.6	48.0	48.3	49.7	50.3
88°	33.6	34.8	35.1	36.5	36.4
88.5°	23.8	23.8	23.7	25.1	25.4



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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-80-L950-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°	1.9	1.9	1.9	1.9	1.6
117.5°	2.0	1.9	1.9	1.9	1.7
118°	2.0	1.9	2.0	1.9	1.8
118.5°	2.1	2.0	2.0	2.0	1.9
119°	2.1	2.1	2.2	2.0	2.0
119.5°	2.2	2.2	2.2	2.1	2.1
120°	2.3	2.3	2.2	2.2	2.2
120.5°	2.3	2.2	2.3	2.3	2.2
121°	2.3	2.3	2.3	2.3	2.2
121.5°	2.6	2.5	2.4	2.3	2.3
122°	2.4	2.6	2.5	2.4	2.5
122.5°	2.6	2.6	2.5	2.5	2.4
123°	2.7	2.7	2.6	2.6	2.5
123.5°	2.7	2.8	2.6	2.5	2.6
124°	2.7	2.8	2.7	2.6	2.6
124.5°	2.9	2.8	2.7	2.7	2.7
125°	3.0	2.9	2.8	2.8	2.8
125.5°	3.0	2.9	2.8	2.8	2.8
126°	3.0	2.9	2.8	2.8	2.8
126.5°	2.9	2.9	3.0	2.8	2.9
127°	3.0	3.0	2.9	2.8	2.8
127.5°	3.1	3.0	3.0	2.8	2.8
128°	3.1	2.9	2.9	2.8	2.9
128.5°	3.0	3.0	2.9	2.8	2.9
129°	2.9	2.9	2.9	2.8	2.8
129.5°	2.9	2.9	2.9	2.8	2.8
130°	2.9	2.9	2.8	2.7	2.8
130.5°	3.0	2.9	2.9	2.6	2.8
131°	2.8	2.8	2.8	2.7	2.7
131.5°	2.9	2.8	2.7	2.6	2.7
132°	2.8	2.7	2.7	2.6	2.6
132.5°	2.8	2.7	2.7	2.6	2.7
133°	2.7	2.6	2.6	2.5	2.6
133.5°	2.8	2.6	2.5	2.4	2.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L950-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	2.7	2.5	2.4	2.4	2.6
135.5°	2.5	2.6	2.4	2.3	2.5
136°	2.5	2.4	2.3	2.2	2.5
136.5°	2.5	2.4	2.3	2.2	2.4
137°	2.5	2.4	2.3	2.2	2.4
137.5°	2.4	2.3	2.3	2.1	2.3
138°	2.4	2.3	2.2	2.1	2.3
138.5°	2.4	2.3	2.2	2.1	2.2
139°	2.1	2.2	2.2	2.0	2.3
139.5°	2.3	2.1	2.1	2.0	2.2
140°	2.2	2.1	2.1	2.0	2.1
140.5°	2.2	2.1	2.1	2.0	2.1
141°	2.1	2.1	2.0	1.9	2.0
141.5°	2.0	2.1	2.1	1.9	2.0
142°	1.9	1.9	2.0	1.9	1.8
142.5°	1.9	2.0	2.0	1.9	1.8
143°	2.0	2.0	2.0	1.9	1.8
143.5°	2.0	2.0	2.0	1.8	1.8
144°	2.0	1.9	2.0	1.7	1.9
144.5°	1.9	1.9	1.9	1.8	1.9
145°	2.0	1.9	1.9	1.7	1.9
145.5°	1.9	1.8	1.9	1.7	2.0
146°	1.9	1.8	1.7	1.7	1.9
146.5°	2.0	1.8	1.7	1.7	1.9
147°	1.9	1.8	1.7	1.7	1.7
147.5°	1.9	1.8	1.7	1.7	1.9
148°	1.9	1.8	1.7	1.7	1.9
148.5°	2.0	1.9	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	2.0
150°	2.0	1.9	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°	2.0	1.9	1.7	1.7	2.0
152°	2.0	1.9	1.8	1.9	1.9
152.5°	2.0	1.9	1.7	1.8	2.0
153°	2.0	1.9	1.8	1.9	2.1
153.5°	2.1	1.9	1.7	1.9	2.0
154°	2.0	1.9	1.9	1.9	2.0
154.5°	2.0	1.9	1.9	2.0	2.1
155°	1.9	1.9	1.9	2.0	2.1
155.5°	2.0	1.9	1.9	1.9	2.1
156°	1.9	1.9	1.9	1.9	2.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L950-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	1.9	1.8	1.9	2.0	2.0
158°	2.1	1.9	1.9	1.9	2.1
158.5°	2.0	1.9	1.8	1.9	2.0
159°	2.0	1.9	1.9	1.9	2.1
159.5°	2.0	1.9	1.9	1.9	2.2
160°	2.0	1.9	1.8	1.9	2.1
160.5°	1.9	1.9	1.9	2.0	2.1
161°	1.9	1.9	1.9	2.0	2.1
161.5°	2.0	1.9	1.9	1.9	2.0
162°	1.9	1.9	1.9	2.0	2.0
162.5°	2.0	2.0	1.9	1.9	2.0
163°	2.0	1.9	2.0	2.0	2.0
163.5°	2.0	1.9	2.0	2.0	2.1
164°	1.9	2.0	1.9	2.1	2.1
164.5°	1.9	2.0	2.0	2.1	2.1
165°	1.9	1.9	1.9	2.0	2.1
165.5°	1.8	1.9	1.9	2.2	2.1
166°	2.0	2.0	1.9	2.1	2.0
166.5°	2.0	1.9	1.9	2.1	1.9
167°	1.9	2.1	1.9	2.2	2.1
167.5°	2.0	2.1	2.0	2.2	2.1
168°	2.0	2.0	1.9	2.2	2.1
168.5°	2.0	2.1	2.0	2.3	2.1
169°	2.1	2.1	1.9	2.3	2.1
169.5°	2.1	2.1	2.0	2.3	2.2
170°	2.1	2.1	2.0	2.3	2.1
170.5°	2.1	2.2	2.0	2.3	2.2
171°	2.1	2.1	2.1	2.3	2.3
171.5°	2.1	2.1	2.1	2.4	2.2
172°	2.1	2.1	2.2	2.4	2.2
172.5°	2.2	2.2	2.2	2.4	2.2
173°	2.1	2.1	2.2	2.4	2.3
173.5°	2.2	2.2	2.3	2.3	2.3
174°	2.3	2.3	2.4	2.4	2.3
174.5°	2.3	2.4	2.4	2.5	2.4
175°	2.4	2.4	2.4	2.5	2.3
175.5°	2.4	2.4	2.5	2.4	2.4
176°	2.5	2.5	2.4	2.4	2.4
176.5°	2.6	2.4	2.5	2.3	2.4
177°	2.5	2.4	2.3	2.3	2.4
177.5°	2.5	2.4	2.3	2.2	2.4
178°	2.4	2.3	2.2	2.2	2.3
178.5°	2.3	2.3	2.2	2.2	2.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L950-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°	2114.3	2111.7	2101.4	2091.6	2087.5
22°	2113.2	2110.7	2099.9	2090.1	2086.0



44°	1892.5	1884.8	1869.4	1860.1	1854.0
44.5°	1880.7	1872.5	1858.1	1848.3	1842.1



66.5°	1010.8	1006.7	999.0	996.4	993.9
67°	985.6	981.0	973.8	971.2	969.2



89°	15.0	14.8	14.6	15.4	15.6
89.5°	6.6	6.7	6.6	7.0	6.9



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	2.6	2.5	2.5	2.6
134.5°	2.7	2.5	2.5	2.4	2.5



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



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



(END OF REPORT)